SUPPLEMENTAL REMEDIAL INVESTIGATION REPORT (SRI)

1731 WEST FARMS ROAD
BRONX, NEW YORK 10460

PREPARED FOR

PROPCO, LLC

FEBRUARY 2020

MECC PROJECT NO. M18709A

MERRITT ENVIRONMENTAL CONSULTING CORP.

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February 4, 2020
Project: M18709A

Mr. Alfred Popaj
Propco, Inc
35-37 36th Street, 6th Floor
Long Island City NY 11106

RE: Supplemental Remedial Investigation Report (SRI)
1731 West Farms Road
Bronx, New York 10460

Dear Mr. Popaj:

Merritt Environmental Consulting Corp. ("MECC") has completed this Supplemental Remedial Investigation (the "SRI") at the 1731 West Farms Road property (the "Site"). The Site currently contains a partial one-story and partial two-story commercial building and small parking lot on a 9,723 square-foot parcel. Historically, a dry cleaning equipment sales and refurbishing operation was present at the Site.

MECC previously completed and submitted a document to the City of New York titled *Remedial Investigation Report, 1731 West Farms Road, Bronx, New York*, November 2019 (the "RIR"), which identifies elevated concentrations perchloroethylene (PCE) in Site groundwater and in vapor form in subsurface soil. This SRI was focused to establishing if a source of PCE contamination exists in soil at the Site and, as shown in soil sample laboratory analytical data, PCE was detected at concentrations exceeding applicable regulatory limits in several soil samples. The PCE contamination in groundwater and soil vapor originates from this localized area of affected soil, which is present under the small exterior parking lot at the east end of the Site. It appears that periodic surficial releases of PCE occurred on the parking lot over time by the former dry cleaning equipment sales/refurbishing operation. MECC believes that excavation and removal of the source material (PCE-contaminated soil) will likely serve as a means of reducing PCE concentrations in soil vapor and facilitate natural attenuation of PCE concentrations in Site groundwater. Depth to the local water table is approximately ten feet below surface.

Background
The Site is located at the west side of West Farms Road in an area historically and currently used for commercial and industrial purposes. The Site contains a partial one-story and partial two story commercial building with a small partial basement on a 9,723 square-foot parcel. Currently, the Site is unoccupied but is used by the current owner to park vehicles and store construction equipment (the Site is fenced, locked and gated). The small exterior parking lot is located at the east end of the Site. The Site is proposed for redevelopment to contain an 11-story apartment building. None of the current improvements have been demolished. The Site appears to have always been connected to the municipal sewer and drinking water supply systems.

The Site has been assigned an e-designation by the City of New York for hazardous materials, requiring an environmental investigation to establish soil, groundwater and soil vapor quality. The results of the environmental investigation are presented in the RI, which was submitted to the New York City Office of Environmental Remediation (OER). The RI identifies elevated concentrations of PCE in subsurface soil vapor and in groundwater within the Site. Both OER and the New York State Department of Environmental Conservation (NYSDEC) reviewed the RI and both of these regulators advised the Site owner that the Site needs to be placed into the New York State Brownfields Cleanup Program (BCP) since high concentrations of PCE are present. As of the writing of this SRI, a BCP application is being prepared for submittal to NYSDEC.

As described in the RI, three groundwater samples were collected at the Site from temporary well points, and laboratory analysis shows PCE concentrations ranging from 9.1 micrograms per liter (ug/l) to 610 ug/l, with the highest PCE concentration detected in a sample collected from the parking lot at the east side of the Site (Sample No B5GW). None of soil samples submitted to the laboratory during the RI are reported to contain PCE at concentrations exceeding the Unrestricted Use Soil Cleanup Objective (UUSCO) of 1.3 milligrams per kilogram (mg/kg) as defined in 6 NYCRR Part 375. However, one of the grab soil samples collected by the RI was reported by the laboratory to contain PCE at 1.2 mg/kg; this sample was collected at a shallow depth in the east Site parking lot (Sample No. B5 0'-2'). Six subsurface soil vapor samples were also collected during the RI and the laboratory report shows PCE vapor concentrations ranging from 746 micrograms per cubic liter of air (ug/m^3) to 679,000 ug/m^3. This highest detected PCE vapor concentration was also located at the east Site parking lot in close proximity of Soil Sample No. B5 0'-2' and Groundwater Sample No. B5GW. This soil vapor sample is identified in the RI as SV5.

Topography and Geology

The elevation of the Site is approximately 15 feet above mean sea level. Depth to the water table of the shallow unconfined aquifer beneath the Site ranges from 9.35 feet to 10.5 feet below ground surface (bgs) at the Site (as measured in temporary well points installed by the SRI). Groundwater flow is estimated to be generally from west to east beneath the Site based on the nearby presence of the Bronx River to the east and on the downward slope of local surface topography to the east.

The Site is located at the base of a low, steeply rising bedrock ridge oriented in a north to south direction. This ridge marks the boundary between the Bronx River flood plain and areas to the west with higher elevations and shallow bedrock. Bedrock is directly under (and in contact with) the ground floor slab of the existing Site building at its west (rear) side. Bedrock exposures are visible since they penetrate the floor slab at the west end of the building at two locations. The bedrock surface slopes down to the east under the Site building, and the estimated depth to bedrock may be 20 feet bgs at the east end of the Site at West Farms Road.

The soil stratigraphy of the Site consists of fill material above bedrock at the western half of the Site. Naturally occurring sediment is present at the point where the bedrock surface is roughly seven feet to ten feet bgs and greater and moving toward the east section of the Site. This sediment consists of fine brown sand and clay grading to densely packed fine sand below roughly ten feet to 12 feet bgs (below the water table). The maximum finish depth of the seven borings installed during the RI was 15 feet bgs.

Scope of Work Completed

This SRI was specifically intended to determine if a source of PCE contamination in Site groundwater and soil vapor exists in soil above the water table in the parking lot area. All field activities were completed on January 21, 2020. Mr. Frank Galdun, Project Manager with MECC, conducted all field sampling work and directed all contractors. MECC retained a qualified contractor to initially conduct a ground penetrating radar (GPR) survey of the Site to determine if any subsurface drainage structures or other features may be present under the Site parking lot that may represent potential conduits for vertical contaminant migration. The GPR survey also served as an aid in locating subsurface piping and utilities for safety purposes. Utility "one-call" markout service was contacted prior to project initiation so that subsurface utilities are identified and marked. The GPR survey was conducted in a grid pattern and no evidence of buried drainage structures was identified.

MECC also retained a qualified contractor to supply equipment and labor to install six soil borings into the Site parking lot at the Site using a track-mount hydraulic direct-push drill rig. The borings were positioned in a grid pattern and were centered on previously installed Soil Boring B5, where the RI identified a high PCE concentration in groundwater. This area is also the location of the highest detected PCE vapor concentration (Soil Vapor Sample SV5).

All driller sampling tubes and rods were subjected to a water/alconox wash between soil boring locations to reduce the potential for cross contamination.

All borings were completed to a depth of ten feet bgs and intersected the water table. The borings are numbered B8 through B13 and are contiguous with the previously completed RI boring numbers. Shallow and deep grab soil samples were collected from the all borings for laboratory analysis. The depths of sample collected were determined by soil quality field screening. The shallow samples were collected from one-foot bgs and the deep samples were variously collected at seven feet and eight feet bgs. No groundwater samples were collected for laboratory analysis by this SRI.

Soil Quality Field Screening Results

MECC conducted continuous physical evaluation of soil condition to determine if any evidence of soil contamination is present. In addition, the MECC employed a photoionization detector (PID) to determine if measurable levels of volatile organic vapors existed in the soil samples as they were extracted from the borings. Five-foot long sampling sleeves inserted into steel casings were used to withdraw soil cores at each boring.

MECC identified discolored fill material in certain borings, and these discolored areas also emitted slight to moderate solvent-like odor. These conditions were identified in shallow fill directly below asphalt paving and paving sub-base. The observed discoloration in these borings extended to roughly 1.5 feet to two feet bgs in Soil Boring Nos. B10, B12 and B13. PID responses shallow soil collected from these borings ranged from 251 parts per million (ppm) in B13 to 350 ppm in B10. An elevated PID reading was also detected in deeper soil at B11 (110 ppm at eight feet bgs in B11).

Soil Sample Laboratory Analysis

One shallow and one deep grab soil sample was collected for laboratory analysis from each of the six borings (total 12 samples). All samples were analyzed at Veritech, a New York State Department of Health-Certified environmental laboratory (NYSDOH Cert. No. 10982). All samples were analyzed under EPA Method 8260 – Volatile Organic Compounds (VOCs).

All appropriate chain of custody documentation shall be completed before sample shipment to the laboratory. All samples were collected in laboratory-supplied containers and shipped on ice to the laboratory within one day of completion of field activities.

VOCs were detected in the soil samples and Table 1 on the following page summarizes these results:

TABLE 1: VOC RESULTS FOR SRI SOIL SAMPLES
(detected compounds only)

Compound	Sample Location, Depth and Date Collected												UUSCO
	B8 1' 1//21/20	B8 7' 1//21/20	B9 1' 1//21/20	B9 8' 1//21/20	B10 1' 1//21/20	B10 7' 1//21/20	B11 1' 1//21/20	B11 8' 1//21/20	B12 1' 1//21/20	B12 8' 1//21/20	B13 1' 1//21/20	B13 8' 1//21/20	
Perchloroethylene	0.44	ND	**1.8**	**7.0**	**110**	0.021	0.32	**62**	**77**	**1.4**	**44**	0.13	1.3
Trichloroethene	0.0088	ND	0.024	ND	**2.0**	ND	ND	ND	**8.6**	0.0035	**1.1**	0.0026	0.47
cis-1,2-Dichloroethene	ND	ND	ND	ND	ND	ND	ND	ND	**4.5**	ND	**0.35**	ND	0.25
Toluene	0.0017	ND	0.0061	ND	ND	ND	0.0022	ND	ND	ND	ND	ND	0.7
2-Butanonme	ND	0.0061	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.12
Acetone	ND	0.094	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.05
Total VOCs	0.4505	0.1001	1.8301	7.0	112	0.021	0.3222	62	90.1	1.4035	45.45	0.1326	

NOTES

1. **Results in bold exceed Unrestricted Use Soil Cleanup Objectives (UUSCO) as defined in the New York State Department of Environmental Conservation, Division of Environmental Remediation, 6NYCRR Part 375, Environmental Remediation Programs, dated December 14, 2006.**
2. **All results are expressed in milligrams per kilogram (mg/kg), which can also be expressed as parts per million (ppm).**
3. **ND - Parameter non-detected, below method detection limits.**

Aside from those shown on Table 1, no other VOCs were detected in the samples. As shown, elevated PCE concentrations were detected primarily in shallow soil samples in B9, B10, B12 and B13, although deeper soil samples collected from B9, B11 and B12 show elevated levels of PCE. Trichloroethene, and cis-1,2-dichloroethene (both are PCE degradation product) were detected in shallow samples collected from B12 and B13 at concentrations exceeding UUSCOs. Since a shallow water table condition exists, and because confirmed groundwater contamination by PCE has been identified, the UUSCOs were selected for evaluating soil quality. Figure 2 provides a site plan showing boring locations and PCE concentrations in the soil samples.

Conclusions/Recommendations

This FSSI has identified a source of PCE contamination in groundwater and in soil vapor at the Site and consists of PCE-impacted soil under a section of the parking lot at the east end of the Site. Further, elevated PCE concentrations were detected by the laboratory in deeper soil samples in three of the borings, which is indicative of vertical contaminant migration to the water table. Previous soil and groundwater quality data gathered by the RI reveals no apparent additional source areas, and PCE concentrations in groundwater decrease greatly moving west into the Site building (groundwater flow is estimated to be from west to east). MECC believes that excavation and off-site disposal of the impacted soil will serve as a means of reducing PCE soil vapor levels and facilitating natural attenuation of PCE concentrations in groundwater.

If you have any questions concerning this document, please feel free to call our office.

Sincerely,

MERRITT ENVIRONMENTAL CONSULTING CORP.

Frank Galdun
Qualified Environmental Professional (QEP)

Charles G. Merritt
President/LEED AP

Figures and Attachments:
Figure 1: Site Location Map
Figure 2: Soil Chemistry Plan

Attachment 1 Soil Boring Logs
Attachment 2: Laboratory Report of Analysis

Figure 1: Site Location Map

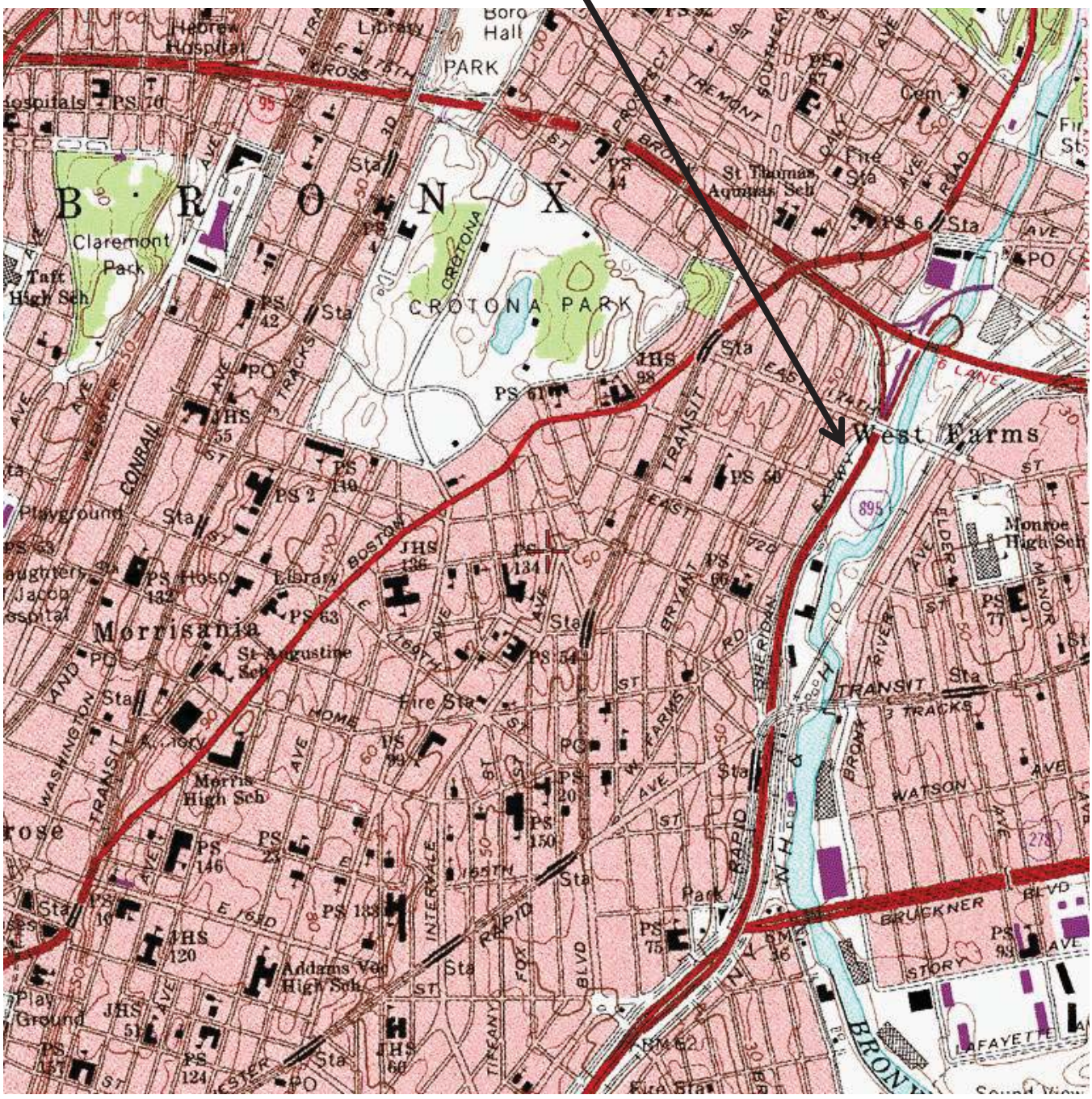
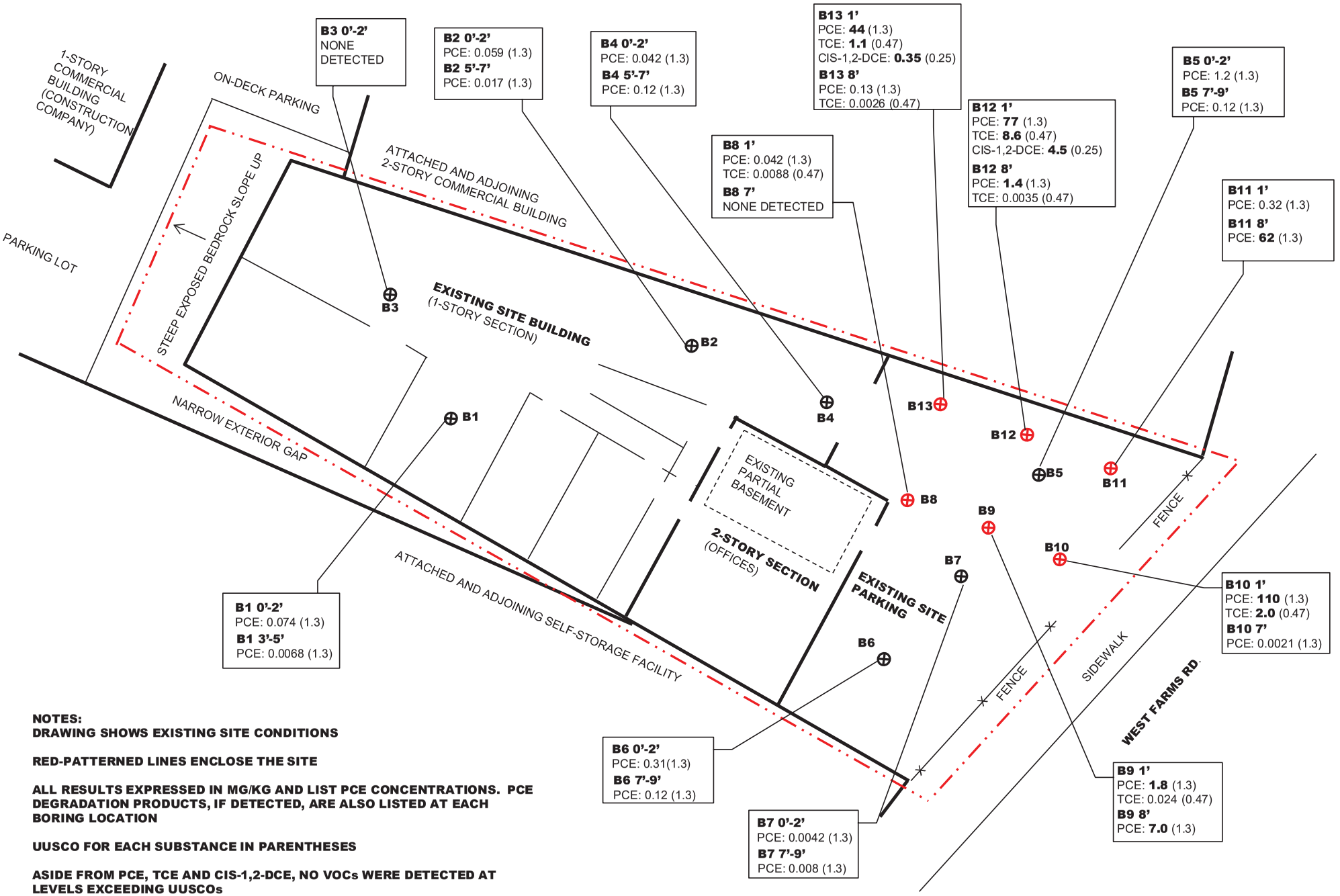


FIGURE 1: SITE LOCATION MAP **Contour Interval: 10'**	**Site Address:** **1731 West Farms Rd.** **Bronx, NY**
USGS 7.5" Quadrangle Map titled *Central Park, NY,* dated 1995	

Figure 2: Soil Chemistry Plan



NOTES:
DRAWING SHOWS EXISTING SITE CONDITIONS

RED-PATTERNED LINES ENCLOSE THE SITE

ALL RESULTS EXPRESSED IN MG/KG AND LIST PCE CONCENTRATIONS. PCE DEGRADATION PRODUCTS, IF DETECTED, ARE ALSO LISTED AT EACH BORING LOCATION

UUSCO FOR EACH SUBSTANCE IN PARENTHESES

ASIDE FROM PCE, TCE AND CIS-1,2-DCE, NO VOCs WERE DETECTED AT LEVELS EXCEEDING UUSCOs

FIGURE 2: PCE IN SOIL PLAN 1731 WEST FARMS ROAD BRONX, NY

⊕ **IDENTIFIES SOIL BORINGS INSTALLED BY THIS CURRENT SUPPLEMENTAL RI**

⊕ **DENOTES SOIL BORINGS INSTALLED IN OCTOBER 2019 DURING THE RI**

SCALE: 20 FT.

N

Attachment 1 Soil Boring Logs

MERRITT ENVIRONMENTAL CONSULTING CORP. **77 Arkay Dr., Suite D** **Hauppauge, NY 11788** **631.617.3200**		Boring No. **B8**
	Project Number: 20030021	Boring location: **See site plan**
Driller: **PG Environmental** Geologist: **Frank Galdun**	Location: 1731 West Farms Rd. Bronx, NY	
Groundwater Observations: Wet 9'-10'	Geoprobe with 5-foot casing sampler Type: Track-mounted Size I.D. 2" Hammer wt. N/A Hammer Fall: N/A	Date Start: 1/21/20 Date Completed: 1/21/20 Surface Elev. : N/A Groundwater Elev.: N/A

Depth feet	Sample #	Sample Type	Blows per 6 " 0-6	6-12	12-18	density moisture	PID	Field Identification of soil Remarks
0'-5'	N/A	N/A	N/A	N/A	N/A	Dry	0.8	90% recovery. Fill (sand, rock fragments, trace brick and cut stone). No odor.
							0.4	
5'-10'						Wet	0.3	60% recovery. Brown fine sand and clay. No odor.
							0.6	
								End of boring 10 ft. Grab samples B8 1'and B8 8' collected for laboratory analysis.

ground surface to _____ft. used_____ casing then_____casing to _____ft
A= auger ss: split spoon sampler mc: macrocore HSA: hollow stem auger HA: Hand Auger
Trace: 0-10% Little: 10-20% some: 20-10%
C= coarse M=medium F=fine

MERRITT ENVIRONMENTAL CONSULTING CORP. **77 Arkay Dr., Suite D** **Hauppauge, NY 11788** **631.617.3200**		Boring No. **B9**
	Project Number: 20030021	Boring location: **See site plan**
Driller: **PG Environmental** Geologist: **Frank Galdun**	Location: 1731 West Farms Rd. Bronx, NY	
Groundwater Observations: Wet 9'-10'	Geoprobe with 5-foot casing sampler Type: Track-mounted Size I.D. 2" Hammer wt. N/A Hammer Fall: N/A	Date Start: 1/21/20 Date Completed: 1/21/20 Surface Elev. : N/A Groundwater Elev.: N/A

Depth feet	Sample #	Sample Type	Blows per 6 " 0-6	Blows per 6 " 6-12	Blows per 6 " 12-18	density moisture	PID	Field Identification of soil Remarks
0'-5'	N/A	N/A	N/A	N/A	N/A	Dry	4.8 0.5	90% recovery. Fill (sand, rock fragments, trace coal) to 4 ft. Medium brown sand 4 ft. to 5 ft. No odor.
5'-10'						Wet	0.8 3.5	70% recovery. Loose brown medium sand some gravel to 9 ft. Wet brown fine sand trace to some clay 9 ft. to 10 ft. No odor.
								End of boring 10 ft. Grab samples B9 1'and B9 8' collected for laboratory analysis.

ground surface to _____ft. used_____ casing then_____casing to _____ft
A= auger ss: split spoon sampler mc: macrocore HSA: hollow stem auger HA: Hand Auger
Trace: 0-10% Little: 10-20% some: 20-10%
C= coarse M=medium F=fine

MERRITT ENVIRONMENTAL CONSULTING CORP. **77 Arkay Dr., Suite D** **Hauppauge, NY 11788** **631.617.3200**		Boring No. **B10**
	Project Number: 20030021	Boring location: **See site plan**
Driller: **PG Environmental** Geologist: **Frank Galdun**	Location: 1731 West Farms Rd. Bronx, NY	
Groundwater Observations: Wet in shoe 10 ft.	Geoprobe with 5-foot casing sampler Type: Track-mounted Size I.D. 2” Hammer wt. N/A Hammer Fall: N/A	Date Start: 1/21/20 Date Completed: 1/21/20 Surface Elev. : N/A Groundwater Elev.: N/A

Depth feet	Sample #	Sample Type	Blows per 6 “ 0-6	6-12	12-18	density moisture	PID	Field Identification of soil Remarks
	N/A	N/A	N/A	N/A	N/A			
0’-5’						Dry	350	100% recovery. Medium brown some fragments (possible fill). Discoloration and solvent odor to 2 ft.
							15.2	
5’-10’						Wet	0.8	50% recovery. Brown fine sand and clay (brown medium sand some gravel in bottom shoe). No odor.
							0.7	
								End of boring 10 ft. Grab samples B10 1’and B10 7’ collected for laboratory analysis.

ground surface to _____ft. used_____ casing then_____casing to _____ft
A= auger ss: split spoon sampler mc: macrocore HSA: hollow stem auger HA: Hand Auger
Trace: 0-10% Little: 10-20% some: 20-10%
C= coarse M=medium F=fine

MERRITT ENVIRONMENTAL CONSULTING CORP. **77 Arkay Dr., Suite D** **Hauppauge, NY 11788** **631.617.3200**		Boring No. **B11**
	Project Number: 20030021	Boring location: **See site plan**
Driller: **PG Environmental** Geologist: **Frank Galdun**	Location: 1731 West Farms Rd. Bronx, NY	
Groundwater Observations: Wet 9'-10'	Geoprobe with 5-foot casing sampler Type: Track-mounted Size I.D. 2" Hammer wt. N/A Hammer Fall: N/A	Date Start: 1/21/20 Date Completed: 1/21/20 Surface Elev. : N/A Groundwater Elev.: N/A

Depth feet	Sample #	Sample Type	Blows per 6 " 0-6	Blows per 6 " 6-12	Blows per 6 " 12-18	density moisture	PID	Field Identification of soil Remarks
0'-5'	N/A	N/A	N/A	N/A	N/A	Dry	0.3 0.0	70% recovery. Fine brown sand some angular gravel (possible fill). No odor.
5'-10'						Wet	3.8 110	60% recovery. Brown fine sand and clay. Possible solvent odor at 7' ft to 9 ft.
								End of boring 10 ft. Grab samples B11 1'and B11 8' collected for laboratory analysis.

ground surface to _____ft. used_____ casing then_____casing to _____ft
A= auger ss: split spoon sampler mc: macrocore HSA: hollow stem auger HA: Hand Auger
Trace: 0-10% Little: 10-20% some: 20-10%
C= coarse M=medium F=fine

MERRITT ENVIRONMENTAL CONSULTING CORP. **77 Arkay Dr., Suite D** **Hauppauge, NY 11788** **631.617.3200**		Boring No. **B12**
	Project Number: 20030021	Boring location: **See site plan**
Driller: **PG Environmental** Geologist: **Frank Galdun**	Location: 1731 West Farms Rd. Bronx, NY	
Groundwater Observations: Wet 10' in shoe	Geoprobe with 5-foot casing sampler Type: Track-mounted Size I.D. 2" Hammer wt. N/A Hammer Fall: N/A	Date Start: 1/21/20 Date Completed: 1/21/20 Surface Elev. : N/A Groundwater Elev.: N/A

Depth feet	Sample #	Sample Type	Blows per 6 " 0-6	6-12	12-18	density moisture	PID	Field Identification of soil Remarks
0'-5'	N/A	N/A	N/A	N/A	N/A	Dry	280 10	70% recovery. Brown medium sand some angular gravel (possible fill). Moderate solvent odor and discoloration 0' ft. to 2 ft.
5'-10'						Wet	4.9 0.3	70% recovery. Brown medium sand 5 ft. to 6 ft. Brown fine sand some clay 6 ft. to 10 ft. No odor.
								End of boring 10 ft. Grab samples B12 1'and B12 8' collected for laboratory analysis.

ground surface to _____ft. used_____ casing then_____casing to _____ft
A= auger ss: split spoon sampler mc: macrocore HSA: hollow stem auger HA: Hand Auger
Trace: 0-10% Little: 10-20% some: 20-10%
C= coarse M=medium F=fine

MERRITT ENVIRONMENTAL CONSULTING CORP. **77 Arkay Dr., Suite D** **Hauppauge, NY 11788** **631.617.3200**		Boring No. **B13**
	Project Number: 20030021	Boring location: **See site plan**
Driller: **PG Environmental** Geologist: **Frank Galdun**	Location: 1731 West Farms Rd. Bronx, NY	
Groundwater Observations: Wet 10'	Geoprobe with 5-foot casing sampler Type: Track-mounted Size I.D. 2" Hammer wt. N/A Hammer Fall: N/A	Date Start: 1/21/20 Date Completed: 1/21/20 Surface Elev. : N/A Groundwater Elev.: N/A

Depth feet	Sample #	Sample Type	Blows per 6 " 0-6	6-12	12-18	density moisture	PID	Field Identification of soil Remarks
0'-5'	N/A	N/A	N/A	N/A	N/A	Dry	251	80% recovery. Fill (sand, angular gravel, possible coal fragments). Discoloration and solvent odor 0 ft. to 2 ft.
							34	
5'-10'						Wet	8.2	60% recovery. Medium brown sand some angular gravel to 6.5 ft. Brown fine sand some clay 6.5 ft. to 10 ft.. No odor.
							1.7	
								End of boring 10 ft. Grab samples B13 1'and B13 8' collected for laboratory analysis.

ground surface to _____ft. used_____ casing then_____casing to _____ft

A= auger ss: split spoon sampler mc: macrocore HSA: hollow stem auger HA: Hand Auger

Trace: 0-10% Little: 10-20% some: 20-10%

C= coarse M=medium F=fine

Attachment 2: Laboratory Report of Analysis

Hampton-Clarke Report Of Analysis

Client: Merritt Environmental
Project: 1731 West Farms Rd.

HC Project #: 0012215

Sample ID: B8 1'
Lab#: AD15277-001
Matrix: Soil

Collection Date: 1/21/2020
Receipt Date: 1/22/2020

% Solids SM2540G

Analyte	DF	Units	RL	Result
% Solids	**1**	**percent**		**91**

Volatile Organics (no search) 8260

Analyte	DF	Units	RL	Result
1,1,1-Trichloroethane	0.986	mg/kg	0.0022	ND
1,1,2,2-Tetrachloroethane	0.986	mg/kg	0.0022	ND
1,1,2-Trichloro-1,2,2-trifluoroethane	0.986	mg/kg	0.0022	ND
1,1,2-Trichloroethane	0.986	mg/kg	0.0022	ND
1,1-Dichloroethane	0.986	mg/kg	0.0022	ND
1,1-Dichloroethene	0.986	mg/kg	0.0022	ND
1,2,3-Trichlorobenzene	0.986	mg/kg	0.0022	ND
1,2,4-Trichlorobenzene	0.986	mg/kg	0.0022	ND
1,2-Dibromo-3-chloropropane	0.986	mg/kg	0.0022	ND
1,2-Dibromoethane	0.986	mg/kg	0.00085	ND
1,2-Dichlorobenzene	0.986	mg/kg	0.0022	ND
1,2-Dichloroethane	0.986	mg/kg	0.0022	ND
1,2-Dichloropropane	0.986	mg/kg	0.0022	ND
1,3-Dichlorobenzene	0.986	mg/kg	0.0022	ND
1,4-Dichlorobenzene	0.986	mg/kg	0.0022	ND
1,4-Dioxane	0.986	mg/kg	0.11	ND
2-Butanone	0.986	mg/kg	0.0022	ND
2-Hexanone	0.986	mg/kg	0.0022	ND
4-Methyl-2-pentanone	0.986	mg/kg	0.0022	ND
Acetone	0.986	mg/kg	0.011	ND
Benzene	0.986	mg/kg	0.0011	ND
Bromochloromethane	0.986	mg/kg	0.0022	ND
Bromodichloromethane	0.986	mg/kg	0.0022	ND
Bromoform	0.986	mg/kg	0.0022	ND
Bromomethane	0.986	mg/kg	0.0022	ND
Carbon disulfide	0.986	mg/kg	0.0022	ND
Carbon tetrachloride	0.986	mg/kg	0.0022	ND
Chlorobenzene	0.986	mg/kg	0.0022	ND
Chloroethane	0.986	mg/kg	0.0022	ND
Chloroform	0.986	mg/kg	0.0022	ND
Chloromethane	0.986	mg/kg	0.0022	ND
cis-1,2-Dichloroethene	0.986	mg/kg	0.0022	ND
cis-1,3-Dichloropropene	0.986	mg/kg	0.0022	ND
Cyclohexane	0.986	mg/kg	0.0022	ND
Dibromochloromethane	0.986	mg/kg	0.0022	ND
Dichlorodifluoromethane	0.986	mg/kg	0.0022	ND
Ethylbenzene	0.986	mg/kg	0.0011	ND
Isopropylbenzene	0.986	mg/kg	0.0011	ND
m&p-Xylenes	0.986	mg/kg	0.0011	ND
Methyl Acetate	0.986	mg/kg	0.0022	ND
Methylcyclohexane	0.986	mg/kg	0.0022	ND
Methylene chloride	0.986	mg/kg	0.0022	ND
Methyl-t-butyl ether	0.986	mg/kg	0.0011	ND
o-Xylene	0.986	mg/kg	0.0011	ND
Styrene	0.986	mg/kg	0.0022	ND
Tetrachloroethene	**0.986**	**mg/kg**	**0.0022**	**0.44**
Toluene	**0.986**	**mg/kg**	**0.0011**	**0.0017**
trans-1,2-Dichloroethene	0.986	mg/kg	0.0022	ND
trans-1,3-Dichloropropene	0.986	mg/kg	0.0022	ND
Trichloroethene	**0.986**	**mg/kg**	**0.0022**	**0.0088**
Trichlorofluoromethane	0.986	mg/kg	0.0022	ND
Vinyl chloride	0.986	mg/kg	0.0022	ND
Xylenes (Total)	0.986	mg/kg	0.0011	ND

Sample ID: B8 1'
Lab#: AD15277-001
Matrix: Soil

Collection Date: 1/21/2020
Receipt Date: 1/22/2020

Surrogate	Conc.	Spike	Low Limit	High Limit	Recovery	Flags
Toluene-d8	27.34	30	68	122	91	
Dibromofluoromethane	30.82	30	63	140	103	
Bromofluorobenzene	30.78	30	64	129	103	
1,2-Dichloroethane-d4	29.30	30	63	143	98	

Sample ID: B8 7' **Collection Date:** 1/21/2020
Lab#: AD15277-002 **Receipt Date:** 1/22/2020
Matrix: Soil

% Solids SM2540G

Analyte	DF	Units	RL	Result
% Solids	1	percent		88

Volatile Organics (no search) 8260

Analyte	DF	Units	RL	Result
1,1,1-Trichloroethane	0.998	mg/kg	0.0023	ND
1,1,2,2-Tetrachloroethane	0.998	mg/kg	0.0023	ND
1,1,2-Trichloro-1,2,2-trifluoroethane	0.998	mg/kg	0.0023	ND
1,1,2-Trichloroethane	0.998	mg/kg	0.0023	ND
1,1-Dichloroethane	0.998	mg/kg	0.0023	ND
1,1-Dichloroethene	0.998	mg/kg	0.0023	ND
1,2,3-Trichlorobenzene	0.998	mg/kg	0.0023	ND
1,2,4-Trichlorobenzene	0.998	mg/kg	0.0023	ND
1,2-Dibromo-3-chloropropane	0.998	mg/kg	0.0023	ND
1,2-Dibromoethane	0.998	mg/kg	0.00088	ND
1,2-Dichlorobenzene	0.998	mg/kg	0.0023	ND
1,2-Dichloroethane	0.998	mg/kg	0.0023	ND
1,2-Dichloropropane	0.998	mg/kg	0.0023	ND
1,3-Dichlorobenzene	0.998	mg/kg	0.0023	ND
1,4-Dichlorobenzene	0.998	mg/kg	0.0023	ND
1,4-Dioxane	0.998	mg/kg	0.11	ND
2-Butanone	**0.998**	**mg/kg**	**0.0023**	**0.0061**
2-Hexanone	0.998	mg/kg	0.0023	ND
4-Methyl-2-pentanone	0.998	mg/kg	0.0023	ND
Acetone	**0.998**	**mg/kg**	**0.011**	**0.094**
Benzene	0.998	mg/kg	0.0011	ND
Bromochloromethane	0.998	mg/kg	0.0023	ND
Bromodichloromethane	0.998	mg/kg	0.0023	ND
Bromoform	0.998	mg/kg	0.0023	ND
Bromomethane	0.998	mg/kg	0.0023	ND
Carbon disulfide	0.998	mg/kg	0.0023	ND
Carbon tetrachloride	0.998	mg/kg	0.0023	ND
Chlorobenzene	0.998	mg/kg	0.0023	ND
Chloroethane	0.998	mg/kg	0.0023	ND
Chloroform	0.998	mg/kg	0.0023	ND
Chloromethane	0.998	mg/kg	0.0023	ND
cis-1,2-Dichloroethene	0.998	mg/kg	0.0023	ND
cis-1,3-Dichloropropene	0.998	mg/kg	0.0023	ND
Cyclohexane	0.998	mg/kg	0.0023	ND
Dibromochloromethane	0.998	mg/kg	0.0023	ND
Dichlorodifluoromethane	0.998	mg/kg	0.0023	ND
Ethylbenzene	0.998	mg/kg	0.0011	ND
Isopropylbenzene	0.998	mg/kg	0.0011	ND
m&p-Xylenes	0.998	mg/kg	0.0011	ND
Methyl Acetate	0.998	mg/kg	0.0023	ND
Methylcyclohexane	0.998	mg/kg	0.0023	ND
Methylene chloride	0.998	mg/kg	0.0023	ND
Methyl-t-butyl ether	0.998	mg/kg	0.0011	ND
o-Xylene	0.998	mg/kg	0.0011	ND
Styrene	0.998	mg/kg	0.0023	ND
Tetrachloroethene	0.998	mg/kg	0.0023	ND
Toluene	0.998	mg/kg	0.0011	ND
trans-1,2-Dichloroethene	0.998	mg/kg	0.0023	ND
trans-1,3-Dichloropropene	0.998	mg/kg	0.0023	ND
Trichloroethene	0.998	mg/kg	0.0023	ND
Trichlorofluoromethane	0.998	mg/kg	0.0023	ND
Vinyl chloride	0.998	mg/kg	0.0023	ND
Xylenes (Total)	0.998	mg/kg	0.0011	ND

Surrogate	Conc.	Spike	Low Limit	High Limit	Recovery	Flags
Toluene-d8	30.72	30	68	122	102	
Dibromofluoromethane	29.83	30	63	140	99	
Bromofluorobenzene	29.03	30	64	129	97	
1,2-Dichloroethane-d4	30.89	30	63	143	103	

Sample ID: B9 1' **Collection Date:** 1/21/2020
Lab#: AD15277-003 **Receipt Date:** 1/22/2020
Matrix: Soil

% Solids SM2540G

Analyte	DF	Units	RL	Result
% Solids	1	percent		90

Volatile Organics (no search) 8260

Analyte	DF	Units	RL	Result
1,1,1-Trichloroethane	4.95	mg/kg	0.011	ND
1,1,2,2-Tetrachloroethane	4.95	mg/kg	0.011	ND
1,1,2-Trichloro-1,2,2-trifluoroethane	4.95	mg/kg	0.011	ND
1,1,2-Trichloroethane	4.95	mg/kg	0.011	ND
1,1-Dichloroethane	4.95	mg/kg	0.011	ND
1,1-Dichloroethene	4.95	mg/kg	0.011	ND
1,2,3-Trichlorobenzene	4.95	mg/kg	0.011	ND
1,2,4-Trichlorobenzene	4.95	mg/kg	0.011	ND
1,2-Dibromo-3-chloropropane	4.95	mg/kg	0.011	ND
1,2-Dibromoethane	4.95	mg/kg	0.0043	ND
1,2-Dichlorobenzene	4.95	mg/kg	0.011	ND
1,2-Dichloroethane	4.95	mg/kg	0.011	ND
1,2-Dichloropropane	4.95	mg/kg	0.011	ND
1,3-Dichlorobenzene	4.95	mg/kg	0.011	ND
1,4-Dichlorobenzene	4.95	mg/kg	0.011	ND
1,4-Dioxane	4.95	mg/kg	0.55	ND
2-Butanone	4.95	mg/kg	0.011	ND
2-Hexanone	4.95	mg/kg	0.011	ND
4-Methyl-2-pentanone	4.95	mg/kg	0.011	ND
Acetone	4.95	mg/kg	0.055	ND
Benzene	4.95	mg/kg	0.0055	ND
Bromochloromethane	4.95	mg/kg	0.011	ND
Bromodichloromethane	4.95	mg/kg	0.011	ND
Bromoform	4.95	mg/kg	0.011	ND
Bromomethane	4.95	mg/kg	0.011	ND
Carbon disulfide	4.95	mg/kg	0.011	ND
Carbon tetrachloride	4.95	mg/kg	0.011	ND
Chlorobenzene	4.95	mg/kg	0.011	ND
Chloroethane	4.95	mg/kg	0.011	ND
Chloroform	4.95	mg/kg	0.011	ND
Chloromethane	4.95	mg/kg	0.011	ND
cis-1,2-Dichloroethene	4.95	mg/kg	0.011	ND
cis-1,3-Dichloropropene	4.95	mg/kg	0.011	ND
Cyclohexane	4.95	mg/kg	0.011	ND
Dibromochloromethane	4.95	mg/kg	0.011	ND
Dichlorodifluoromethane	4.95	mg/kg	0.011	ND
Ethylbenzene	4.95	mg/kg	0.0055	ND
Isopropylbenzene	4.95	mg/kg	0.0055	ND
m&p-Xylenes	4.95	mg/kg	0.0055	ND
Methyl Acetate	4.95	mg/kg	0.011	ND
Methylcyclohexane	4.95	mg/kg	0.011	ND
Methylene chloride	4.95	mg/kg	0.011	ND
Methyl-t-butyl ether	4.95	mg/kg	0.0055	ND
o-Xylene	4.95	mg/kg	0.0055	ND
Styrene	4.95	mg/kg	0.011	ND
Tetrachloroethene	**4.95**	**mg/kg**	**0.011**	**1.8**
Toluene	**4.95**	**mg/kg**	**0.0055**	**0.0061**
trans-1,2-Dichloroethene	4.95	mg/kg	0.011	ND
trans-1,3-Dichloropropene	4.95	mg/kg	0.011	ND
Trichloroethene	**4.95**	**mg/kg**	**0.011**	**0.024**
Trichlorofluoromethane	4.95	mg/kg	0.011	ND
Vinyl chloride	4.95	mg/kg	0.011	ND
Xylenes (Total)	4.95	mg/kg	0.0055	ND

Surrogate	Conc.	Spike	Low Limit	High Limit	Recovery	Flags
Toluene-d8	32.13	30	68	122	107	
Dibromofluoromethane	29.72	30	63	140	99	
Bromofluorobenzene	30.41	30	64	129	101	
1,2-Dichloroethane-d4	30.34	30	63	143	101	

Sample ID: B9 8' **Collection Date:** 1/21/2020
Lab#: AD15277-004 **Receipt Date:** 1/22/2020
Matrix: Soil

% Solids SM2540G

Analyte	DF	Units	RL	Result
% Solids	1	percent		88

Volatile Organics (no search) 8260

Analyte	DF	Units	RL	Result
1,1,1-Trichloroethane	97.8	mg/kg	0.11	ND
1,1,2,2-Tetrachloroethane	97.8	mg/kg	0.11	ND
1,1,2-Trichloro-1,2,2-trifluoroethane	97.8	mg/kg	0.11	ND
1,1,2-Trichloroethane	97.8	mg/kg	0.11	ND
1,1-Dichloroethane	97.8	mg/kg	0.11	ND
1,1-Dichloroethene	97.8	mg/kg	0.11	ND
1,2,3-Trichlorobenzene	97.8	mg/kg	0.11	ND
1,2,4-Trichlorobenzene	97.8	mg/kg	0.11	ND
1,2-Dibromo-3-chloropropane	97.8	mg/kg	0.11	ND
1,2-Dibromoethane	97.8	mg/kg	0.11	ND
1,2-Dichlorobenzene	97.8	mg/kg	0.11	ND
1,2-Dichloroethane	97.8	mg/kg	0.056	ND
1,2-Dichloropropane	97.8	mg/kg	0.11	ND
1,3-Dichlorobenzene	97.8	mg/kg	0.11	ND
1,4-Dichlorobenzene	97.8	mg/kg	0.11	ND
1,4-Dioxane	97.8	mg/kg	5.6	ND
2-Butanone	97.8	mg/kg	0.11	ND
2-Hexanone	97.8	mg/kg	0.11	ND
4-Methyl-2-pentanone	97.8	mg/kg	0.11	ND
Acetone	97.8	mg/kg	0.56	ND
Benzene	97.8	mg/kg	0.056	ND
Bromochloromethane	97.8	mg/kg	0.11	ND
Bromodichloromethane	97.8	mg/kg	0.11	ND
Bromoform	97.8	mg/kg	0.11	ND
Bromomethane	97.8	mg/kg	0.11	ND
Carbon disulfide	97.8	mg/kg	0.11	ND
Carbon tetrachloride	97.8	mg/kg	0.11	ND
Chlorobenzene	97.8	mg/kg	0.11	ND
Chloroethane	97.8	mg/kg	0.11	ND
Chloroform	97.8	mg/kg	0.11	ND
Chloromethane	97.8	mg/kg	0.11	ND
cis-1,2-Dichloroethene	97.8	mg/kg	0.11	ND
cis-1,3-Dichloropropene	97.8	mg/kg	0.11	ND
Cyclohexane	97.8	mg/kg	0.11	ND
Dibromochloromethane	97.8	mg/kg	0.11	ND
Dichlorodifluoromethane	97.8	mg/kg	0.11	ND
Ethylbenzene	97.8	mg/kg	0.11	ND
Isopropylbenzene	97.8	mg/kg	0.11	ND
m&p-Xylenes	97.8	mg/kg	0.11	ND
Methyl Acetate	97.8	mg/kg	0.11	ND
Methylcyclohexane	97.8	mg/kg	0.11	ND
Methylene chloride	97.8	mg/kg	0.11	ND
Methyl-t-butyl ether	97.8	mg/kg	0.056	ND
o-Xylene	97.8	mg/kg	0.11	ND
Styrene	97.8	mg/kg	0.11	ND
Tetrachloroethene	**97.8**	**mg/kg**	**0.11**	**7.0**
Toluene	97.8	mg/kg	0.11	ND
trans-1,2-Dichloroethene	97.8	mg/kg	0.11	ND
trans-1,3-Dichloropropene	97.8	mg/kg	0.11	ND
Trichloroethene	97.8	mg/kg	0.11	ND
Trichlorofluoromethane	97.8	mg/kg	0.11	ND
Vinyl chloride	97.8	mg/kg	0.11	ND
Xylenes (Total)	97.8	mg/kg	0.11	ND

Surrogate	Conc.	Spike	Low Limit	High Limit	Recovery	Flags
Toluene-d8	27.14	30	68	122	90	
Dibromofluoromethane	28.77	30	63	140	96	
Bromofluorobenzene	26.74	30	64	129	89	
1,2-Dichloroethane-d4	33.96	30	63	143	113	

Sample ID: B10 1' | **Collection Date:** 1/21/2020
Lab#: AD15277-005 | **Receipt Date:** 1/22/2020
Matrix: Soil

% Solids SM2540G

Analyte	DF	Units	RL	Result
% Solids	1	percent		93

Volatile Organics (no search) 8260

Analyte	DF	Units	RL	Result
1,1,1-Trichloroethane	1010	mg/kg	1.1	ND
1,1,2,2-Tetrachloroethane	1010	mg/kg	1.1	ND
1,1,2-Trichloro-1,2,2-trifluoroethane	1010	mg/kg	1.1	ND
1,1,2-Trichloroethane	1010	mg/kg	1.1	ND
1,1-Dichloroethane	1010	mg/kg	1.1	ND
1,1-Dichloroethene	1010	mg/kg	1.1	ND
1,2,3-Trichlorobenzene	1010	mg/kg	1.1	ND
1,2,4-Trichlorobenzene	1010	mg/kg	1.1	ND
1,2-Dibromo-3-chloropropane	1010	mg/kg	1.1	ND
1,2-Dibromoethane	1010	mg/kg	1.1	ND
1,2-Dichlorobenzene	1010	mg/kg	1.1	ND
1,2-Dichloroethane	1010	mg/kg	0.54	ND
1,2-Dichloropropane	1010	mg/kg	1.1	ND
1,3-Dichlorobenzene	1010	mg/kg	1.1	ND
1,4-Dichlorobenzene	1010	mg/kg	1.1	ND
1,4-Dioxane	1010	mg/kg	54	ND
2-Butanone	1010	mg/kg	1.1	ND
2-Hexanone	1010	mg/kg	1.1	ND
4-Methyl-2-pentanone	1010	mg/kg	1.1	ND
Acetone	1010	mg/kg	5.4	ND
Benzene	1010	mg/kg	0.54	ND
Bromochloromethane	1010	mg/kg	1.1	ND
Bromodichloromethane	1010	mg/kg	1.1	ND
Bromoform	1010	mg/kg	1.1	ND
Bromomethane	1010	mg/kg	1.1	ND
Carbon disulfide	1010	mg/kg	1.1	ND
Carbon tetrachloride	1010	mg/kg	1.1	ND
Chlorobenzene	1010	mg/kg	1.1	ND
Chloroethane	1010	mg/kg	1.1	ND
Chloroform	1010	mg/kg	1.1	ND
Chloromethane	1010	mg/kg	1.1	ND
cis-1,2-Dichloroethene	1010	mg/kg	1.1	ND
cis-1,3-Dichloropropene	1010	mg/kg	1.1	ND
Cyclohexane	1010	mg/kg	1.1	ND
Dibromochloromethane	1010	mg/kg	1.1	ND
Dichlorodifluoromethane	1010	mg/kg	1.1	ND
Ethylbenzene	1010	mg/kg	1.1	ND
Isopropylbenzene	1010	mg/kg	1.1	ND
m&p-Xylenes	1010	mg/kg	1.1	ND
Methyl Acetate	1010	mg/kg	1.1	ND
Methylcyclohexane	1010	mg/kg	1.1	ND
Methylene chloride	1010	mg/kg	1.1	ND
Methyl-t-butyl ether	1010	mg/kg	0.54	ND
o-Xylene	1010	mg/kg	1.1	ND
Styrene	1010	mg/kg	1.1	ND
Tetrachloroethene	**1010**	**mg/kg**	**1.1**	**110**
Toluene	1010	mg/kg	1.1	ND
trans-1,2-Dichloroethene	1010	mg/kg	1.1	ND
trans-1,3-Dichloropropene	1010	mg/kg	1.1	ND
Trichloroethene	**1010**	**mg/kg**	**1.1**	**2.0**
Trichlorofluoromethane	1010	mg/kg	1.1	ND
Vinyl chloride	1010	mg/kg	1.1	ND
Xylenes (Total)	1010	mg/kg	1.1	ND

Surrogate	Conc.	Spike	Low Limit	High Limit	Recovery	Flags
Toluene-d8	27.23	30	68	122	91	
Dibromofluoromethane	29.53	30	63	140	98	
Bromofluorobenzene	32.11	30	64	129	107	
1,2-Dichloroethane-d4	29.59	30	63	143	99	

Sample ID: B10 7' | **Collection Date:** 1/21/2020
Lab#: AD15277-006 | **Receipt Date:** 1/22/2020
Matrix: Soil

% Solids SM2540G

Analyte	DF	Units	RL	Result
% Solids	**1**	**percent**		**83**

Volatile Organics (no search) 8260

Analyte	DF	Units	RL	Result
1,1,1-Trichloroethane	1.01	mg/kg	0.0024	ND
1,1,2,2-Tetrachloroethane	1.01	mg/kg	0.0024	ND
1,1,2-Trichloro-1,2,2-trifluoroethane	1.01	mg/kg	0.0024	ND
1,1,2-Trichloroethane	1.01	mg/kg	0.0024	ND
1,1-Dichloroethane	1.01	mg/kg	0.0024	ND
1,1-Dichloroethene	1.01	mg/kg	0.0024	ND
1,2,3-Trichlorobenzene	1.01	mg/kg	0.0024	ND
1,2,4-Trichlorobenzene	1.01	mg/kg	0.0024	ND
1,2-Dibromo-3-chloropropane	1.01	mg/kg	0.0024	ND
1,2-Dibromoethane	1.01	mg/kg	0.00095	ND
1,2-Dichlorobenzene	1.01	mg/kg	0.0024	ND
1,2-Dichloroethane	1.01	mg/kg	0.0024	ND
1,2-Dichloropropane	1.01	mg/kg	0.0024	ND
1,3-Dichlorobenzene	1.01	mg/kg	0.0024	ND
1,4-Dichlorobenzene	1.01	mg/kg	0.0024	ND
1,4-Dioxane	1.01	mg/kg	0.12	ND
2-Butanone	1.01	mg/kg	0.0024	ND
2-Hexanone	1.01	mg/kg	0.0024	ND
4-Methyl-2-pentanone	1.01	mg/kg	0.0024	ND
Acetone	1.01	mg/kg	0.012	ND
Benzene	1.01	mg/kg	0.0012	ND
Bromochloromethane	1.01	mg/kg	0.0024	ND
Bromodichloromethane	1.01	mg/kg	0.0024	ND
Bromoform	1.01	mg/kg	0.0024	ND
Bromomethane	1.01	mg/kg	0.0024	ND
Carbon disulfide	1.01	mg/kg	0.0024	ND
Carbon tetrachloride	1.01	mg/kg	0.0024	ND
Chlorobenzene	1.01	mg/kg	0.0024	ND
Chloroethane	1.01	mg/kg	0.0024	ND
Chloroform	1.01	mg/kg	0.0024	ND
Chloromethane	1.01	mg/kg	0.0024	ND
cis-1,2-Dichloroethene	1.01	mg/kg	0.0024	ND
cis-1,3-Dichloropropene	1.01	mg/kg	0.0024	ND
Cyclohexane	1.01	mg/kg	0.0024	ND
Dibromochloromethane	1.01	mg/kg	0.0024	ND
Dichlorodifluoromethane	1.01	mg/kg	0.0024	ND
Ethylbenzene	1.01	mg/kg	0.0012	ND
Isopropylbenzene	1.01	mg/kg	0.0012	ND
m&p-Xylenes	1.01	mg/kg	0.0012	ND
Methyl Acetate	1.01	mg/kg	0.0024	ND
Methylcyclohexane	1.01	mg/kg	0.0024	ND
Methylene chloride	1.01	mg/kg	0.0024	ND
Methyl-t-butyl ether	1.01	mg/kg	0.0012	ND
o-Xylene	1.01	mg/kg	0.0012	ND
Styrene	1.01	mg/kg	0.0024	ND
Tetrachloroethene	**1.01**	**mg/kg**	**0.0024**	**0.021**
Toluene	1.01	mg/kg	0.0012	ND
trans-1,2-Dichloroethene	1.01	mg/kg	0.0024	ND
trans-1,3-Dichloropropene	1.01	mg/kg	0.0024	ND
Trichloroethene	1.01	mg/kg	0.0024	ND
Trichlorofluoromethane	1.01	mg/kg	0.0024	ND
Vinyl chloride	1.01	mg/kg	0.0024	ND
Xylenes (Total)	1.01	mg/kg	0.0012	ND

Surrogate	Conc.	Spike	Low Limit	High Limit	Recovery	Flags
Toluene-d8	31.07	30	68	122	104	
Dibromofluoromethane	29.55	30	63	140	99	
Bromofluorobenzene	29.40	30	64	129	98	
1,2-Dichloroethane-d4	30.65	30	63	143	102	

Sample ID: B11 1' **Collection Date:** 1/21/2020
Lab#: AD15277-007 **Receipt Date:** 1/22/2020
Matrix: Soil

% Solids SM2540G

Analyte	DF	Units	RL	Result
% Solids	1	percent		91

Volatile Organics (no search) 8260

Analyte	DF	Units	RL	Result
1,1,1-Trichloroethane	0.978	mg/kg	0.0022	ND
1,1,2,2-Tetrachloroethane	0.978	mg/kg	0.0022	ND
1,1,2-Trichloro-1,2,2-trifluoroethane	0.978	mg/kg	0.0022	ND
1,1,2-Trichloroethane	0.978	mg/kg	0.0022	ND
1,1-Dichloroethane	0.978	mg/kg	0.0022	ND
1,1-Dichloroethene	0.978	mg/kg	0.0022	ND
1,2,3-Trichlorobenzene	0.978	mg/kg	0.0022	ND
1,2,4-Trichlorobenzene	0.978	mg/kg	0.0022	ND
1,2-Dibromo-3-chloropropane	0.978	mg/kg	0.0022	ND
1,2-Dibromoethane	0.978	mg/kg	0.00084	ND
1,2-Dichlorobenzene	0.978	mg/kg	0.0022	ND
1,2-Dichloroethane	0.978	mg/kg	0.0022	ND
1,2-Dichloropropane	0.978	mg/kg	0.0022	ND
1,3-Dichlorobenzene	0.978	mg/kg	0.0022	ND
1,4-Dichlorobenzene	0.978	mg/kg	0.0022	ND
1,4-Dioxane	0.978	mg/kg	0.11	ND
2-Butanone	0.978	mg/kg	0.0022	ND
2-Hexanone	0.978	mg/kg	0.0022	ND
4-Methyl-2-pentanone	0.978	mg/kg	0.0022	ND
Acetone	0.978	mg/kg	0.011	ND
Benzene	0.978	mg/kg	0.0011	ND
Bromochloromethane	0.978	mg/kg	0.0022	ND
Bromodichloromethane	0.978	mg/kg	0.0022	ND
Bromoform	0.978	mg/kg	0.0022	ND
Bromomethane	0.978	mg/kg	0.0022	ND
Carbon disulfide	0.978	mg/kg	0.0022	ND
Carbon tetrachloride	0.978	mg/kg	0.0022	ND
Chlorobenzene	0.978	mg/kg	0.0022	ND
Chloroethane	0.978	mg/kg	0.0022	ND
Chloroform	0.978	mg/kg	0.0022	ND
Chloromethane	0.978	mg/kg	0.0022	ND
cis-1,2-Dichloroethene	0.978	mg/kg	0.0022	ND
cis-1,3-Dichloropropene	0.978	mg/kg	0.0022	ND
Cyclohexane	0.978	mg/kg	0.0022	ND
Dibromochloromethane	0.978	mg/kg	0.0022	ND
Dichlorodifluoromethane	0.978	mg/kg	0.0022	ND
Ethylbenzene	0.978	mg/kg	0.0011	ND
Isopropylbenzene	0.978	mg/kg	0.0011	ND
m&p-Xylenes	0.978	mg/kg	0.0011	ND
Methyl Acetate	0.978	mg/kg	0.0022	ND
Methylcyclohexane	0.978	mg/kg	0.0022	ND
Methylene chloride	0.978	mg/kg	0.0022	ND
Methyl-t-butyl ether	0.978	mg/kg	0.0011	ND
o-Xylene	0.978	mg/kg	0.0011	ND
Styrene	0.978	mg/kg	0.0022	ND
Tetrachloroethene	**0.978**	**mg/kg**	**0.0022**	**0.32**
Toluene	**0.978**	**mg/kg**	**0.0011**	**0.0022**
trans-1,2-Dichloroethene	0.978	mg/kg	0.0022	ND
trans-1,3-Dichloropropene	0.978	mg/kg	0.0022	ND
Trichloroethene	0.978	mg/kg	0.0022	ND
Trichlorofluoromethane	0.978	mg/kg	0.0022	ND
Vinyl chloride	0.978	mg/kg	0.0022	ND
Xylenes (Total)	0.978	mg/kg	0.0011	ND

Surrogate	Conc.	Spike	Low Limit	High Limit	Recovery	Flags
Toluene-d8	26.64	30	68	122	89	
Dibromofluoromethane	31.54	30	63	140	105	
Bromofluorobenzene	28.91	30	64	129	96	
1,2-Dichloroethane-d4	29.97	30	63	143	100	

Sample ID: B11 8' | **Collection Date:** 1/21/2020
Lab#: AD15277-008 | **Receipt Date:** 1/22/2020
Matrix: Soil

% Solids SM2540G

Analyte	DF	Units	RL	Result
% Solids	1	percent		86

Volatile Organics (no search) 8260

Analyte	DF	Units	RL	Result
1,1,1-Trichloroethane	193	mg/kg	0.22	ND
1,1,2,2-Tetrachloroethane	193	mg/kg	0.22	ND
1,1,2-Trichloro-1,2,2-trifluoroethane	193	mg/kg	0.22	ND
1,1,2-Trichloroethane	193	mg/kg	0.22	ND
1,1-Dichloroethane	193	mg/kg	0.22	ND
1,1-Dichloroethene	193	mg/kg	0.22	ND
1,2,3-Trichlorobenzene	193	mg/kg	0.22	ND
1,2,4-Trichlorobenzene	193	mg/kg	0.22	ND
1,2-Dibromo-3-chloropropane	193	mg/kg	0.22	ND
1,2-Dibromoethane	193	mg/kg	0.22	ND
1,2-Dichlorobenzene	193	mg/kg	0.22	ND
1,2-Dichloroethane	193	mg/kg	0.11	ND
1,2-Dichloropropane	193	mg/kg	0.22	ND
1,3-Dichlorobenzene	193	mg/kg	0.22	ND
1,4-Dichlorobenzene	193	mg/kg	0.22	ND
1,4-Dioxane	193	mg/kg	11	ND
2-Butanone	193	mg/kg	0.22	ND
2-Hexanone	193	mg/kg	0.22	ND
4-Methyl-2-pentanone	193	mg/kg	0.22	ND
Acetone	193	mg/kg	1.1	ND
Benzene	193	mg/kg	0.11	ND
Bromochloromethane	193	mg/kg	0.22	ND
Bromodichloromethane	193	mg/kg	0.22	ND
Bromoform	193	mg/kg	0.22	ND
Bromomethane	193	mg/kg	0.22	ND
Carbon disulfide	193	mg/kg	0.22	ND
Carbon tetrachloride	193	mg/kg	0.22	ND
Chlorobenzene	193	mg/kg	0.22	ND
Chloroethane	193	mg/kg	0.22	ND
Chloroform	193	mg/kg	0.22	ND
Chloromethane	193	mg/kg	0.22	ND
cis-1,2-Dichloroethene	193	mg/kg	0.22	ND
cis-1,3-Dichloropropene	193	mg/kg	0.22	ND
Cyclohexane	193	mg/kg	0.22	ND
Dibromochloromethane	193	mg/kg	0.22	ND
Dichlorodifluoromethane	193	mg/kg	0.22	ND
Ethylbenzene	193	mg/kg	0.22	ND
Isopropylbenzene	193	mg/kg	0.22	ND
m&p-Xylenes	193	mg/kg	0.22	ND
Methyl Acetate	193	mg/kg	0.22	ND
Methylcyclohexane	193	mg/kg	0.22	ND
Methylene chloride	193	mg/kg	0.22	ND
Methyl-t-butyl ether	193	mg/kg	0.11	ND
o-Xylene	193	mg/kg	0.22	ND
Styrene	193	mg/kg	0.22	ND
Tetrachloroethene	**193**	**mg/kg**	**0.22**	**62**
Toluene	193	mg/kg	0.22	ND
trans-1,2-Dichloroethene	193	mg/kg	0.22	ND
trans-1,3-Dichloropropene	193	mg/kg	0.22	ND
Trichloroethene	193	mg/kg	0.22	ND
Trichlorofluoromethane	193	mg/kg	0.22	ND
Vinyl chloride	193	mg/kg	0.22	ND
Xylenes (Total)	193	mg/kg	0.22	ND

Surrogate	Conc.	Spike	Low Limit	High Limit	Recovery	Flags
Toluene-d8	26.64	30	68	122	89	
Dibromofluoromethane	28.48	30	63	140	95	
Bromofluorobenzene	31.04	30	64	129	103	
1,2-Dichloroethane-d4	29.34	30	63	143	98	

Sample ID: B12 1' | **Collection Date:** 1/21/2020
Lab#: AD15277-009 | **Receipt Date:** 1/22/2020
Matrix: Soil

% Solids SM2540G

Analyte	DF	Units	RL	Result
% Solids	**1**	**percent**		**89**

Volatile Organics (no search) 8260

Analyte	DF	Units	RL	Result
1,1,1-Trichloroethane	193	mg/kg	0.22	ND
1,1,2,2-Tetrachloroethane	193	mg/kg	0.22	ND
1,1,2-Trichloro-1,2,2-trifluoroethane	193	mg/kg	0.22	ND
1,1,2-Trichloroethane	193	mg/kg	0.22	ND
1,1-Dichloroethane	193	mg/kg	0.22	ND
1,1-Dichloroethene	193	mg/kg	0.22	ND
1,2,3-Trichlorobenzene	193	mg/kg	0.22	ND
1,2,4-Trichlorobenzene	193	mg/kg	0.22	ND
1,2-Dibromo-3-chloropropane	193	mg/kg	0.22	ND
1,2-Dibromoethane	193	mg/kg	0.22	ND
1,2-Dichlorobenzene	193	mg/kg	0.22	ND
1,2-Dichloroethane	193	mg/kg	0.11	ND
1,2-Dichloropropane	193	mg/kg	0.22	ND
1,3-Dichlorobenzene	193	mg/kg	0.22	ND
1,4-Dichlorobenzene	193	mg/kg	0.22	ND
1,4-Dioxane	193	mg/kg	11	ND
2-Butanone	193	mg/kg	0.22	ND
2-Hexanone	193	mg/kg	0.22	ND
4-Methyl-2-pentanone	193	mg/kg	0.22	ND
Acetone	193	mg/kg	1.1	ND
Benzene	193	mg/kg	0.11	ND
Bromochloromethane	193	mg/kg	0.22	ND
Bromodichloromethane	193	mg/kg	0.22	ND
Bromoform	193	mg/kg	0.22	ND
Bromomethane	193	mg/kg	0.22	ND
Carbon disulfide	193	mg/kg	0.22	ND
Carbon tetrachloride	193	mg/kg	0.22	ND
Chlorobenzene	193	mg/kg	0.22	ND
Chloroethane	193	mg/kg	0.22	ND
Chloroform	193	mg/kg	0.22	ND
Chloromethane	193	mg/kg	0.22	ND
cis-1,2-Dichloroethene	**193**	**mg/kg**	**0.22**	**4.5**
cis-1,3-Dichloropropene	193	mg/kg	0.22	ND
Cyclohexane	193	mg/kg	0.22	ND
Dibromochloromethane	193	mg/kg	0.22	ND
Dichlorodifluoromethane	193	mg/kg	0.22	ND
Ethylbenzene	193	mg/kg	0.22	ND
Isopropylbenzene	193	mg/kg	0.22	ND
m&p-Xylenes	193	mg/kg	0.22	ND
Methyl Acetate	193	mg/kg	0.22	ND
Methylcyclohexane	193	mg/kg	0.22	ND
Methylene chloride	193	mg/kg	0.22	ND
Methyl-t-butyl ether	193	mg/kg	0.11	ND
o-Xylene	193	mg/kg	0.22	ND
Styrene	193	mg/kg	0.22	ND
Tetrachloroethene	**193**	**mg/kg**	**0.22**	**77**
Toluene	193	mg/kg	0.22	ND
trans-1,2-Dichloroethene	193	mg/kg	0.22	ND
trans-1,3-Dichloropropene	193	mg/kg	0.22	ND
Trichloroethene	**193**	**mg/kg**	**0.22**	**8.6**
Trichlorofluoromethane	193	mg/kg	0.22	ND
Vinyl chloride	193	mg/kg	0.22	ND
Xylenes (Total)	193	mg/kg	0.22	ND

Surrogate	Conc.	Spike	Low Limit	High Limit	Recovery	Flags
Toluene-d8	26.71	30	68	122	89	
Dibromofluoromethane	29.00	30	63	140	97	
Bromofluorobenzene	30.64	30	64	129	102	
1,2-Dichloroethane-d4	29.77	30	63	143	99	

Sample ID: B12 8' | **Collection Date:** 1/21/2020
Lab#: AD15277-010 | **Receipt Date:** 1/22/2020
Matrix: Soil

% Solids SM2540G

Analyte	DF	Units	RL	Result
% Solids	**1**	**percent**		**83**

Volatile Organics (no search) 8260

Analyte	DF	Units	RL	Result
1,1,1-Trichloroethane	4.59	mg/kg	0.011	ND
1,1,2,2-Tetrachloroethane	4.59	mg/kg	0.011	ND
1,1,2-Trichloro-1,2,2-trifluoroethane	4.59	mg/kg	0.011	ND
1,1,2-Trichloroethane	4.59	mg/kg	0.011	ND
1,1-Dichloroethane	4.59	mg/kg	0.011	ND
1,1-Dichloroethene	4.59	mg/kg	0.011	ND
1,2,3-Trichlorobenzene	4.59	mg/kg	0.011	ND
1,2,4-Trichlorobenzene	4.59	mg/kg	0.011	ND
1,2-Dibromo-3-chloropropane	4.59	mg/kg	0.011	ND
1,2-Dibromoethane	4.59	mg/kg	0.0043	ND
1,2-Dichlorobenzene	4.59	mg/kg	0.011	ND
1,2-Dichloroethane	4.59	mg/kg	0.011	ND
1,2-Dichloropropane	4.59	mg/kg	0.011	ND
1,3-Dichlorobenzene	4.59	mg/kg	0.011	ND
1,4-Dichlorobenzene	4.59	mg/kg	0.011	ND
1,4-Dioxane	4.59	mg/kg	0.55	ND
2-Butanone	4.59	mg/kg	0.011	ND
2-Hexanone	4.59	mg/kg	0.011	ND
4-Methyl-2-pentanone	4.59	mg/kg	0.011	ND
Acetone	4.59	mg/kg	0.055	ND
Benzene	4.59	mg/kg	0.0055	ND
Bromochloromethane	4.59	mg/kg	0.011	ND
Bromodichloromethane	4.59	mg/kg	0.011	ND
Bromoform	4.59	mg/kg	0.011	ND
Bromomethane	4.59	mg/kg	0.011	ND
Carbon disulfide	4.59	mg/kg	0.011	ND
Carbon tetrachloride	4.59	mg/kg	0.011	ND
Chlorobenzene	4.59	mg/kg	0.011	ND
Chloroethane	4.59	mg/kg	0.011	ND
Chloroform	4.59	mg/kg	0.011	ND
Chloromethane	4.59	mg/kg	0.011	ND
cis-1,2-Dichloroethene	4.59	mg/kg	0.011	ND
cis-1,3-Dichloropropene	4.59	mg/kg	0.011	ND
Cyclohexane	4.59	mg/kg	0.011	ND
Dibromochloromethane	4.59	mg/kg	0.011	ND
Dichlorodifluoromethane	4.59	mg/kg	0.011	ND
Ethylbenzene	4.59	mg/kg	0.0055	ND
Isopropylbenzene	4.59	mg/kg	0.0055	ND
m&p-Xylenes	4.59	mg/kg	0.0055	ND
Methyl Acetate	4.59	mg/kg	0.011	ND
Methylcyclohexane	4.59	mg/kg	0.011	ND
Methylene chloride	4.59	mg/kg	0.011	ND
Methyl-t-butyl ether	4.59	mg/kg	0.0055	ND
o-Xylene	4.59	mg/kg	0.0055	ND
Styrene	4.59	mg/kg	0.011	ND
Tetrachloroethene	**4.59**	**mg/kg**	**0.011**	**1.4**
Toluene	4.59	mg/kg	0.0055	ND
trans-1,2-Dichloroethene	4.59	mg/kg	0.011	ND
trans-1,3-Dichloropropene	4.59	mg/kg	0.011	ND
Trichloroethene	**4.59**	**mg/kg**	**0.011**	**0.035**
Trichlorofluoromethane	4.59	mg/kg	0.011	ND
Vinyl chloride	4.59	mg/kg	0.011	ND
Xylenes (Total)	4.59	mg/kg	0.0055	ND

Surrogate	Conc.	Spike	Low Limit	High Limit	Recovery	Flags
Toluene-d8	31.38	30	68	122	105	
Dibromofluoromethane	29.65	30	63	140	99	
Bromofluorobenzene	29.65	30	64	129	99	
1,2-Dichloroethane-d4	30.53	30	63	143	102	

Sample ID: B13 1' | **Collection Date:** 1/21/2020
Lab#: AD15277-011 | **Receipt Date:** 1/22/2020
Matrix: Soil

% Solids SM2540G

Analyte	DF	Units	RL	Result
% Solids	**1**	**percent**		**88**

Volatile Organics (no search) 8260

Analyte	DF	Units	RL	Result
1,1,1-Trichloroethane	99.8	mg/kg	0.11	ND
1,1,2,2-Tetrachloroethane	99.8	mg/kg	0.11	ND
1,1,2-Trichloro-1,2,2-trifluoroethane	99.8	mg/kg	0.11	ND
1,1,2-Trichloroethane	99.8	mg/kg	0.11	ND
1,1-Dichloroethane	99.8	mg/kg	0.11	ND
1,1-Dichloroethene	99.8	mg/kg	0.11	ND
1,2,3-Trichlorobenzene	99.8	mg/kg	0.11	ND
1,2,4-Trichlorobenzene	99.8	mg/kg	0.11	ND
1,2-Dibromo-3-chloropropane	99.8	mg/kg	0.11	ND
1,2-Dibromoethane	99.8	mg/kg	0.11	ND
1,2-Dichlorobenzene	99.8	mg/kg	0.11	ND
1,2-Dichloroethane	99.8	mg/kg	0.057	ND
1,2-Dichloropropane	99.8	mg/kg	0.11	ND
1,3-Dichlorobenzene	99.8	mg/kg	0.11	ND
1,4-Dichlorobenzene	99.8	mg/kg	0.11	ND
1,4-Dioxane	99.8	mg/kg	5.7	ND
2-Butanone	99.8	mg/kg	0.11	ND
2-Hexanone	99.8	mg/kg	0.11	ND
4-Methyl-2-pentanone	99.8	mg/kg	0.11	ND
Acetone	99.8	mg/kg	0.57	ND
Benzene	99.8	mg/kg	0.057	ND
Bromochloromethane	99.8	mg/kg	0.11	ND
Bromodichloromethane	99.8	mg/kg	0.11	ND
Bromoform	99.8	mg/kg	0.11	ND
Bromomethane	99.8	mg/kg	0.11	ND
Carbon disulfide	99.8	mg/kg	0.11	ND
Carbon tetrachloride	99.8	mg/kg	0.11	ND
Chlorobenzene	99.8	mg/kg	0.11	ND
Chloroethane	99.8	mg/kg	0.11	ND
Chloroform	99.8	mg/kg	0.11	ND
Chloromethane	99.8	mg/kg	0.11	ND
cis-1,2-Dichloroethene	**99.8**	**mg/kg**	**0.11**	**0.35**
cis-1,3-Dichloropropene	99.8	mg/kg	0.11	ND
Cyclohexane	99.8	mg/kg	0.11	ND
Dibromochloromethane	99.8	mg/kg	0.11	ND
Dichlorodifluoromethane	99.8	mg/kg	0.11	ND
Ethylbenzene	99.8	mg/kg	0.11	ND
Isopropylbenzene	99.8	mg/kg	0.11	ND
m&p-Xylenes	99.8	mg/kg	0.11	ND
Methyl Acetate	99.8	mg/kg	0.11	ND
Methylcyclohexane	99.8	mg/kg	0.11	ND
Methylene chloride	99.8	mg/kg	0.11	ND
Methyl-t-butyl ether	99.8	mg/kg	0.057	ND
o-Xylene	99.8	mg/kg	0.11	ND
Styrene	99.8	mg/kg	0.11	ND
Tetrachloroethene	**99.8**	**mg/kg**	**0.11**	**44**
Toluene	99.8	mg/kg	0.11	ND
trans-1,2-Dichloroethene	99.8	mg/kg	0.11	ND
trans-1,3-Dichloropropene	99.8	mg/kg	0.11	ND
Trichloroethene	**99.8**	**mg/kg**	**0.11**	**1.1**
Trichlorofluoromethane	99.8	mg/kg	0.11	ND
Vinyl chloride	99.8	mg/kg	0.11	ND
Xylenes (Total)	99.8	mg/kg	0.11	ND

Surrogate	Conc.	Spike	Low Limit	High Limit	Recovery	Flags
Toluene-d8	27.24	30	68	122	91	
Dibromofluoromethane	28.38	30	63	140	95	
Bromofluorobenzene	31.47	30	64	129	105	
1,2-Dichloroethane-d4	30.08	30	63	143	100	

Sample ID: B13 8' **Collection Date:** 1/21/2020
Lab#: AD15277-012 **Receipt Date:** 1/22/2020
Matrix: Soil

% Solids SM2540G

Analyte	DF	Units	RL	Result
% Solids	**1**	**percent**		**80**

Volatile Organics (no search) 8260

Analyte	DF	Units	RL	Result
1,1,1-Trichloroethane	1	mg/kg	0.0025	ND
1,1,2,2-Tetrachloroethane	1	mg/kg	0.0025	ND
1,1,2-Trichloro-1,2,2-trifluoroethane	1	mg/kg	0.0025	ND
1,1,2-Trichloroethane	1	mg/kg	0.0025	ND
1,1-Dichloroethane	1	mg/kg	0.0025	ND
1,1-Dichloroethene	1	mg/kg	0.0025	ND
1,2,3-Trichlorobenzene	1	mg/kg	0.0025	ND
1,2,4-Trichlorobenzene	1	mg/kg	0.0025	ND
1,2-Dibromo-3-chloropropane	1	mg/kg	0.0025	ND
1,2-Dibromoethane	1	mg/kg	0.00098	ND
1,2-Dichlorobenzene	1	mg/kg	0.0025	ND
1,2-Dichloroethane	1	mg/kg	0.0025	ND
1,2-Dichloropropane	1	mg/kg	0.0025	ND
1,3-Dichlorobenzene	1	mg/kg	0.0025	ND
1,4-Dichlorobenzene	1	mg/kg	0.0025	ND
1,4-Dioxane	1	mg/kg	0.13	ND
2-Butanone	1	mg/kg	0.0025	ND
2-Hexanone	1	mg/kg	0.0025	ND
4-Methyl-2-pentanone	1	mg/kg	0.0025	ND
Acetone	1	mg/kg	0.013	ND
Benzene	1	mg/kg	0.0013	ND
Bromochloromethane	1	mg/kg	0.0025	ND
Bromodichloromethane	1	mg/kg	0.0025	ND
Bromoform	1	mg/kg	0.0025	ND
Bromomethane	1	mg/kg	0.0025	ND
Carbon disulfide	1	mg/kg	0.0025	ND
Carbon tetrachloride	1	mg/kg	0.0025	ND
Chlorobenzene	1	mg/kg	0.0025	ND
Chloroethane	1	mg/kg	0.0025	ND
Chloroform	1	mg/kg	0.0025	ND
Chloromethane	1	mg/kg	0.0025	ND
cis-1,2-Dichloroethene	1	mg/kg	0.0025	ND
cis-1,3-Dichloropropene	1	mg/kg	0.0025	ND
Cyclohexane	1	mg/kg	0.0025	ND
Dibromochloromethane	1	mg/kg	0.0025	ND
Dichlorodifluoromethane	1	mg/kg	0.0025	ND
Ethylbenzene	1	mg/kg	0.0013	ND
Isopropylbenzene	1	mg/kg	0.0013	ND
m&p-Xylenes	1	mg/kg	0.0013	ND
Methyl Acetate	1	mg/kg	0.0025	ND
Methylcyclohexane	1	mg/kg	0.0025	ND
Methylene chloride	1	mg/kg	0.0025	ND
Methyl-t-butyl ether	1	mg/kg	0.0013	ND
o-Xylene	1	mg/kg	0.0013	ND
Styrene	1	mg/kg	0.0025	ND
Tetrachloroethene	**1**	**mg/kg**	**0.0025**	**0.13**
Toluene	1	mg/kg	0.0013	ND
trans-1,2-Dichloroethene	1	mg/kg	0.0025	ND
trans-1,3-Dichloropropene	1	mg/kg	0.0025	ND
Trichloroethene	**1**	**mg/kg**	**0.0025**	**0.0026**
Trichlorofluoromethane	1	mg/kg	0.0025	ND
Vinyl chloride	1	mg/kg	0.0025	ND
Xylenes (Total)	1	mg/kg	0.0013	ND

Surrogate	Conc.	Spike	Low Limit	High Limit	Recovery	Flags
Toluene-d8	31.21	30	68	122	104	
Dibromofluoromethane	29.87	30	63	140	100	
Bromofluorobenzene	29.70	30	64	129	99	
1,2-Dichloroethane-d4	31.06	30	63	143	104	

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

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

Hampton-Clarke WBE/DBE/SBE 800-426-9992

A Women-Owned, Disadvantaged, Small Business Enterprise

NELAC/NJ #07071 | PA #68-00463 | NY #11408 | CT #PH-0671 | KY #90124 | DE HSCA Approved

CHAIN OF CUSTODY RECORD

Project # (Lab Use Only): 0012215

Page 1 of 2

3) Reporting Requirements (Please Circle)

Turnaround	Report Type	Electronic Data Deliv.
When Available:	Summary	NJ Hazsite
1 Business Day (100%)*	Results + QC (Waste)	Excel Reg. NJ / NY / PA
2 Business Days (75%)*	Reduced:	EnviroData
3 Business Days (50%)*	[ ] NJ [ ] NY	EQuIS:
4 Business Days (35%)*	[ ] PA [ ] Other___	[ ] 4-File [ ] EZ
5 Business Days (25%)	NJ Full / NY ASP CatB	[ ] NYDEC
8 Business Days (Stand.)	NY ASP CatA	[ ] Region 2 or 5
Other:_____		Other: PDF

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

Customer Information

1a) Customer: MERRITT
Address: 77 ARKAY DR. HAUPPAUGE NY
1b) Email/Cell/Fax/Ph: frankg4@optonline.net
1c) Send Invoice to:
1d) Send Report to: FRANK GALDUN

Project Information

2a) Project: 1731 WEST FARMS RD BRONX NY
2b) Project Mgr: F GALDUN
2c) Project Location (City/State):
2d) Quote/PO # (If Applicable):

FOR LAB USE ONLY ↓

Batch # AD15277

===> Check If Contingent ===>

Matrix Codes

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

7) Analysis *(specify methods & parameter lists)*: EPA 8260 TCL

<=== Check If Contingent <===

Lab Sample #	4) Customer Sample ID	5) Matrix	6) Sample Date	6) Sample Time	Sample Type: Composite (C)	Sample Type: Grab (G)	8) # of Bottles: None	MeOH	En Core	NaOH	HCl	H2SO4	HNO3	Other:	9) Comments
001	B8 1'	SOIL	1/22/20	8:00		X	1								
002	B8 7'		1/22/20	8:20											
003	B9 1'			9:00											
004	B9 8'			9:18											
005	B10 1'			9:51											
006	B10 7'			10:07											
007	B11 1'			11:00											
008	B11 8'			11:15											
009	B12 1'			11:40											
010	B12 8'			11:50											

10) Relinquished by:	Accepted by:	Date	Time
		1/22/20	11:20

11) Sampler (print name): FRANK GALDUN Date: 1/22/20

Additional Notes

Comments, Notes, Special Requirements, HAZARDS

Indicate if low-level methods required to meet current groundwater standards (SPLP for soil):
- [ ] BN or BNA (8270D SIM)
- [ ] VOC (8260C SIM or 8011)
- [ ] SPLP (BN, BNA, Metals)
- [ ] 1,4 Dioxane

For NJ LSRP projects, indicate which standards need to be met:
- [ ] NJDEP GWQS
- [ ] NJDEP SRS
- [ ] NJDEP SPLP
- [ ] Other (specify):

Check if applicable:
- [ ] Project-Specific Reporting Limits
- [ ] High Contaminant Concentrations
- [ ] NJ LSRP Project (also check boxes above/right)

Cooler Temperature: 3.9

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

Internal use: sampling plan (check box) HC [ ] or client [ ] FSP#

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

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

Hampton-Clarke WBE/DBE/SBE 800-426-9992

A Women-Owned, Disadvantaged, Small Business Enterprise

NELAC/NJ #07071 | PA #68-00463 | NY #11408 | CT #PH-0671 | KY #90124 | DE HSCA Approved

CHAIN OF CUSTODY RECORD

Project # (Lab Use Only): 0012215

Page 2 of 2

3) Reporting Requirements (Please Circle)

Turnaround	Report Type	Electronic Data Deliv.
When Available:	Summary	NJ Hazsite
1 Business Day (100%)*	Results + QC (Waste)	Excel Reg. NJ / NY / PA
2 Business Days (75%)*	Reduced:	EnviroData
3 Business Days (50%)*	[ ] NJ [ ] NY	EQuIS:
4 Business Days (35%)*	[ ] PA [ ] Other___	[ ] 4-File [ ] EZ
5 Business Days (25%)	NJ Full / NY ASP CatB	[ ] NYDEC
8 Business Days (Stand.)	NY ASP CatA	[ ] Region 2 or 5
Other:_____		Other: EDT

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

Customer Information

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2c) Project Location (City/State):
2d) Quote/PO # (If Applicable):

FOR LAB USE ONLY ↓

Batch # 1015277

===> Check If Contingent ===>

Matrix Codes

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

7) Analysis (specify methods & parameter lists)

EPA 8260 TCL

<=== Check If Contingent <===

Lab Sample #	4) Customer Sample ID	5) Matrix	6) Sample Date	6) Sample Time	Sample Type: Composite (C)	Sample Type: Grab (G)	8) # of Bottles: None	MeOH	En Core	NaOH	HCl	H2SO4	HNO3	Other:	9) Comments
011	B131'	SOIL	1/21/20	12:15		G	1								
012	B138'	SOIL	1/21/20	12:30		G	1								

10) Relinquished by:	Accepted by:	Date	Time
	Zenaida	1/22/20	11:20

11) Sampler (print name): FRANK GALDUN Date: 1/21/20

Additional Notes

Comments, Notes, Special Requirements, HAZARDS

Indicate if low-level methods required to meet current groundwater standards (SPLP for soil):
- [ ] BN or BNA (8270D SIM)
- [ ] VOC (8260C SIM or 8011)
- [ ] SPLP (BN, BNA, Metals)
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For NJ LSRP projects, indicate which standards need to be met:
- [ ] NJDEP GWQS
- [ ] NJDEP SRS
- [ ] NJDEP SPLP
- [ ] Other (specify):

Check if applicable:
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