



Phase II Environmental Site Assessment Report

For:

**32, 36, and 38 Main Street, and
1 and 3 Riverdale Avenue
Yonkers, Westchester County, New York 10701**

Prepared For:

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JUNE 2021

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1.0 INTRODUCTION

SESI Consulting Engineers (SESI) has conducted this Phase II Environmental Site Assessment (Phase II ESA) on behalf of the MacQuesten Construction Management, LLC for the property located at 32, 36, and 38 Main Street and 1 and 3 Riverdale Avenue, Yonkers, New York ("Site"). The Site is identified on local tax maps as Block 501, Lots 18, 19, 20, 22, and 23. The Site comprises five (5) contiguous parcels totaling 0.24-acre that is currently vacant. The Site is bound to the north by Main Street, to the east by Riverdale Avenue, to the south by a four-story commercial building located at 5 Riverdale Avenue, and to the west by a one-story commercial building and a four-story building beyond.

This report complies with the 2015 American Society for Testing and Materials standard (ASTM E1903). **Figure 1.1** presents a Site Location Map. This Phase II ESA report summarizes the data of soil samples and soil vapor samples collected by SESI to further investigate the Site.

1.1 SITE SETTINGS

The Site consists of five (5) contiguous parcels totaling 0.24-acre. The Site does not contain any buildings or permanent structures; however, the eastern portion of the Site is improved by concrete walkways, brick walls and landscaping elements. Based on the United States Geological Survey (USGS) topographic map, the Site elevation is approximately 30 feet above mean sea level (ft-msl) and slopes down from the southwest to northeast. The nearest surface water body is the Hudson River located approximately 1,200-feet east of the Site. The current Site conditions are shown on **Figure 1.2**.

1.2 SITE HISTORY

SESI conducted a Phase I Environmental Site Assessment concurrent with this Phase II ESA which identified the following Recognized Environmental Condition (RECs) .

REC 1 – Historical Site Usage: Based on the review of Sanborn Maps, several businesses and storefronts were listed onsite from 1886. Most notably, a hotel was listed on the Site from 1942. Hotels are historically known to have had in-house dry cleaning services which have the potential for impacting the sub-surface. Two underground ovens are identified on the Site from 1898 to 1956. No additional details regarding the oven's uses was identified. Paint-Dressmaking was listed onsite from 1971 to 1973. No details regarding whether the business

was manufacturing paints and/or dresses or what types of chemicals were used/stored onsite was identified. Finally, given the age of the buildings onsite, the existence of a fuel-oil UST cannot be ruled out.

In addition, the following Conditional REC (CREC) has been identified:

- **CREC 1 – Historical Spill Incidents:** According to the NY Spills list provided by EDR, there are thirty-four (34) NY Spill sites within 0.125 miles of the subject Site. Two (2) Spill incidents regarding releases of #2 fuel oil to groundwater are listed for 40 Main Street, which lies approximately twenty (20) feet west of the Site. Both incidents are listed in the NYSDEC Spill Database as closed. In addition, four (4) Spill incidents are reported for the Main Street/Riverdale Avenue intersection abutting the Site to the east, for releases of dielectric fluid and an unknown petroleum to the subsurface. These incidents are also listed in the NYSDEC Spill Database as closed. Information regarding these spill numbers has been requested from the NYDEC; a response is pending. Due to the proximity of these incidents to the subject site and as no record of environmental sampling on the subject site was reviewed, SESI recommends further investigation into the nature of the incidents, extent of impacts to the environment and current regulatory status.

2.0 SUBSURFACE INVESTIGATION

2.1 SITE GEOLOGY

Based on soil borings conducted during this investigation, a historical fill layer was encountered below the surface materials in all borings at depths at depths of 5 to 10 feet below ground surface (ft-bgs). This fill layer generally consisted of a predominately granular soil intermixed with construction debris, containing concrete and brick. The fill layer is underlain by glacial deposits to an observed depth of 35 ft-bgs and generally consisted of brown coarse to fine sand with varying amounts of silt and gravel.

2.2 SOIL BORINGS

Prior to conducting subsurface drilling, SESI's drilling contractor contacted New York's utility mark-out system. In addition, SESI retained American Geophysics, a private utility locator, to locate underground utilities not included in the one-call and to conduct a geophysical survey using ground penetrating radar (GPR) and electromagnetic (EM) detection. The GPR/EM surveying was performed on May 25, 2021 to clear soil boring locations, as well as to search for a potential UST(s). No anomalies consistent with USTs were identified. American Geophysics' report is provided in **Appendix A**.

Five (5) soil borings, two (2) temporary monitoring wells, and four (4) soil vapor points were completed using a combination of hollow-stem auger and direct-push sampling equipment. The borings were performed to depths ranging from approximately 10.0 feet to 35 feet below the ground surface using a track-mounted drill rig. Boring B-1 was drilled over the concrete patio at the rear of Lot 23. Borings B-2 and B-3 were drilled over the concrete sidewalk in Lots 20 and 22. Borings B-4 and B-5 were drilled over the grass area in Lots 18 and 19. All borings and observations were logged to identify the presence of staining, fill materials, volatile organic vapor concentrations, and groundwater depth. The investigation was completed between May 25 and 26, 2021.

In total, ten (10) soil samples were collected from five (5) soil borings, two (2) groundwater samples were collected from two (2) temporary wells, four (4) soil vapor samples were collected from four (4) temporary vapor points, and one (1) ambient air sample was collected. **Table 2.1** below presents a list of the samples collected, the dates of sampling, installation method, depth, location and sample depth rationale, sample media, sample type, and analysis completed. **Figure**

2.1 presents the soil boring locations. Soil boring logs are presented in **Appendix B**. Samples were delivered under chain-of-custody and analyzed at Alpha Analytical Laboratories (Alpha), a New York certified laboratory (NY Certification #11148). Soil samples were collected based on field screening, which included screening with a Photo Ionization Detector (PID) and visual and olfactory observations. The soil samples were collected as a discrete grab samples and were not composited.

As noted in the table below, the soil samples were analyzed for Target Compound List +30 TICs/Target Analyte List (TCL+30/TAL), which includes total volatile organic compounds (VOCs), base neutral acid extractables (BNAs), target analyte list (TAL) metals (23 metals + cyanide), pesticides, and polychlorinated biphenyls (PCBs).

Table 2.1 - Sample Summary Table

Location Name	Date	Installation Method	Boring Depth (ft)	Sample Depth (ft)	Sample Media	Anlayses
SB-1	5/25/2021	HSA (Geoprobe®)	35	1.5 - 2	Soil	TCL+30/TAL
				6.5-7		
SB-2	5/25/2021	HSA (Geoprobe®)	27	2.5 - 3	Soil	TCL+30/TAL
				6.5 - 7		
SB-3	5/25/2021	HSA (Geoprobe®)	30	2 - 2.5	Soil	TCL+30/TAL
				5.5 - 6		
SB-4	5/26/2021	Direct Push (Geoprobe®)	10	2.5 - 3	Soil	TCL+30/TAL
				5.5 - 6		
SB-5	5/26/2021	Direct Push (Geoprobe®)	10	3.5 - 4	Soil	TCL+30/TAL
				6.5 - 7		
SB-1 GW	4/6/2021	HSA (Geoprobe®)	-	-	Groundw ater	TCL+30/TAL
SB-3 GW	4/6/2021	HSA (Geoprobe®)	-	-	Groundw ater	TCL+30/TAL
SVP-1	4/7/2021	Direct Push (Geoprobe®)	5	2.5-3	Soil Vapor	TO-15
SVP-2	4/7/2021	Direct Push (Geoprobe®)	5	2.5-3	Soil Vapor	TO-15
SVP-3	4/7/2021	Direct Push (Geoprobe®)	5	3.5-4	Soil Vapor	TO-15
SVP-4	4/7/2021	Direct Push (Geoprobe®)	5	3.5-4	Soil Vapor	TO-15
AMB-1	4/7/2021	-	-	-	Soil Vapor	TO-15

Notes:

ft - Feet below grade surface.

2.3 GROUNDWATER INVESTIGATION

Two (2) borings were advanced into the groundwater table to install temporary monitoring wells, identified as SB-1 GW and SB-3 GW. Groundwater was observed at depths ranging between 15 to 17 ft-bg. The temporary monitoring well locations are provided in **Figure 2.1**. Groundwater samples were collected from the wells, delivered under chain-of-custody to Alpha Analytical Laboratories (Alpha), a New York certified laboratory (NY Certification #11148), and analyzed for VOCs by EPA Method 8260, SVOCs by EPA Method 8270, TAL metals, PCBs by EPA Method 8082A, pesticides by EPA Method 8081, and cyanide. Sampling was performed using a peristaltic pump, disposal tubing, and disposable bailers.

2.4 SOIL VAPOR INVESTIGATION

Four (4) soil vapor points were installed via direct push methodologies. The soil samples were collected with 2.7-L Summa Canisters with flow controllers set for a flow rate of 200 ml/min. In addition, one ambient air sample was collected with a 6-L Summa Canister with a flow controller set for a flow rate of 200 ml/min. Soil vapor and ambient air sample point locations are depicted in **Figure 2.1**. The soil vapor samples were delivered under chain-of-custody to Alpha for EPA TO-15 analysis.

3.0 ANALYTICAL RESULTS

3.1 SOIL INVESTIGATION RESULTS

Evidence of fill was observed from grade to depths up to 10 ft-bg. A summary table of the analytical results compared to NYSDEC Unrestricted Use Soil Cleanup Objectives (USCOs), Residential Soil Cleanup Objectives (RSCOs), and Restricted Residential Cleanup Objectives (RRSCOs), is presented on **Table 3.1**, and on **Figure 3.1**. The soil laboratory deliverables are presented in **Appendix C**.

Table 3.2 below includes a summary of the soil exceedances of the NYSDEC Unrestricted Use Soil Cleanup Objectives (USCO), Restricted Use Soil Cleanup Objectives (RSCOs), and Restricted Residential Soil Cleanup Objectives (RRSCO). SVOCs including benzo(a)anthracene, benzo(a)pyrene, benzo(b)fluoranthene, benzo(k)fluoranthene, chrysene, dibenzo(a,h)anthracene, and indeno(1,2,3-cd)pyrene were detected at concentrations that exceeded the USCO, RSCO, and RRSCO in six (6) samples (borings SB-1 through SB-5) at depths ranging from 1.5 to 6 ft-bgs. The SVOCs detected are polycyclic aromatic hydrocarbons (PAHs). One sample (SB-3 (5.5-6)) resulted in elevated PAH levels.

The pesticide 4,4'-DDE was detected in one (1) soil sample at a concentration exceeding USCO. The metal mercury was detected in one (1) soil sample at a concentration exceeding the RRSCO, in one (1) sample exceeding the RSCO, and in three (3) soil samples exceeding the USCO. Lead and zinc were detected in four (4) soil samples exceeding the USCOs.

Table 3.2 - Soil Sample Exceedances

LOCATION	USCO	RSCO	RRSCO	SB-1 (1.5-2')		SB-2 (2.5-3)		SB-3 (5.5-6')		SB-4 (2.5-3)		SB-4 (5.5-6)		SB-5 (3.5-4)	
SAMPLING DATE				5/25/2021	5/26/2021	5/25/2021	5/26/2021	5/26/2021	5/26/2021	5/26/2021	5/26/2021				
SAMPLE DEPTH (ft.)	1.5 - 2		2.5 - 3		5.5 - 6		2.5 - 3		5.5 - 6		3.5 - 4				
Units (mg/kg)	Results	Q	Conc	Q	Results	Q	Conc	Q	Conc	Q	Conc	Q	Conc	Q	
Benzo(a)anthracene	1	1	1	1.3		1.7		11		1.3		1.6		2.3	
Benzo(a)pyrene	1	1	1	1		1.4		8.5		1.2		1.5		2	
Benzo(b)fluoranthene	1	1	1	1.4		1.7		11		1.7		2.3		2.6	
Benzo(k)fluoranthene	0.8	1	3.9	0.46		0.62		3.8		0.54		0.6		0.92	
Chrysene	1	1	3.9	1.2		1.6		9.1		1.4		1.9		2.1	
Dibenzo(a,h)anthracene	0.33	0.33	0.33	0.18		0.18		1.5		0.17		0.22		0.25	
Indeno(1,2,3-cd)pyrene	0.5	0.5	0.5	0.72		0.93		6.2		0.8		0.98		1.2	
Lead, Total	63	400	400	80		31.6		213		258		189		53.4	
Mercury, Total	0.18	0.81	0.81	0.937		0.075		0.258		0.215		0.238		0.199	
Zinc, Total	109	2200	10000	188		37.1		132		235		120		69.9	
4,4'-DDE	0.0033	1.8	8.9	0.00261		0.00906	U	0.00431		0.0018	U	0.00183	U	0.00849	U

Table Notes:

- 1. mg/kg – milligrams per kilogram
- 2 U – Analyte not detected

- 3. Concentration Exceeds USCO
- 4. Concentration Exceeds the RSCO
- 5. Concentration Exceeds the RRSCO

3.2 GROUNDWATER INVESTIGATION RESULTS

Two (2) groundwater samples were collected from the temporary wells and analyzed for VOCs by EPA Method 8260, SVOCs by EPA Method 8270, TAL metals, PCBs by EPA Method 8082A, pesticides by EPA Method 8081, and cyanide. Groundwater analytical results summary tables are included in **Tables 3.3**. The groundwater laboratory deliverable reports are included in **Appendix D. Table 3.4** below presents a summary of the groundwater exceedances of the AWQS.

As shown on **Table 3.4** below, the VOCs tetrachloroethene (PCE) was detected in temporary well SB-1 GW (33 ug/L) and SB-3 GW (9.8 ug/L) at concentrations exceeding the AWQS. In addition, the VOC toluene was detected in temporary well SB-1 GW (15 ug/L) exceeding its AWQS.

The PAHs, benzo(a)anthracene, benzo(a)pyrene, benzo(b)fluoranthene, benzo(k)fluoranthene, chrysene, and ideno(1,2,3-cd)pyrene were detected in groundwater samples collected SB-1GW and SB-3 GW at concentrations exceeding the AWQS. The results are presented on **Table 3.4** below.

As shown on **Table 3.4** below, numerous metals including iron, lead, magnesium, manganese, sodium, thallium, arsenic, barium, beryllium, cadmium, chromium, copper, nickel, selenium and zinc were detected in SB-1GW and SB-2 GW at concentrations exceeding the AWQS. The presence of these contaminants was attributed to sample turbidity from temporary wells. Additionally, the standards for iron, magnesium, manganese, and sodium are secondary concern metals and are not health based.

Table 3.4 – Groundwater Sample Exceedances

LOCATION	NYSDEC AWQS (ug/L)	Units	SB-1 GW		SB-3 GW	
SAMPLING DATE			5/26/2021		5/26/2021	
SAMPLE TYPE			WATER		WATER	
			Results	Q	Results	Q
Semivolatile Organics by GC/MS-SIM						
Benzo(a)anthracene	0.002	ug/l	0.23		0.03	J
Benzo(a)pyrene	0	ug/l	0.16		0.02	J
Benzo(b)fluoranthene	0.002	ug/l	0.33		0.03	J
Benzo(k)fluoranthene	0.002	ug/l	0.1		0.1	U
Chrysene	0.002	ug/l	0.28		0.01	J
Indeno(1,2,3-cd)pyrene	0.002	ug/l	0.18		0.02	J
Total Metals						
Arsenic, Total	25	ug/l	84.31		34.37	
Barium, Total	1000	ug/l	51980		6046	
Beryllium, Total	3	ug/l	41.74		13.71	
Cadmium, Total	5	ug/l	13.7		5.2	
Chromium, Total	50	ug/l	3310		667.9	
Copper, Total	200	ug/l	6880		2436	
Iron, Total	300	ug/l	1460000		397000	
Lead, Total	25	ug/l	1323		730.6	
Magnesium, Total	35000	ug/l	796000		166000	
Manganese, Total	300	ug/l	73680		36070	
Mercury, Total	0.7	ug/l	3.69		2	U
Nickel, Total	100	ug/l	3312		2009	
Selenium, Total	10	ug/l	125	U	17.6	J
Sodium, Total	20000	ug/l	406000		424000	
Thallium, Total	0.5	ug/l	17.36	J	5.75	
Zinc, Total	2000	ug/l	4850		1338	
Volatile Organics by GC/MS						
Tetrachloroethene	5	ug/l	33		9.8	
Toluene	5	ug/l	15		2.5	U

Notes:
 ND – compound not detected
 Yellow Highlight – exceeds NYSDEC Ambient Water Quality Standards
 J – an estimated value
 Ug/l – micrograms per liter
 NY-AWQS – NYSDEC Ambient Water Quality Standards

3.3 SOIL VAPOR RESULTS

Four (4) soil vapor samples were collected and analyzed for volatile vapors by U.S. EPA Method TO-15. **Table 3.5** presents a summary of soil vapor analytical data. The Soil vapor analytical laboratory deliverable report is included in **Appendix E**. A Soil vapor sample location plan and summary of the results are presented in **Figure 3.3**.

New York State does not have standards for soil vapor. However, for discussion purposes SESI has used the NYSDOH Matrices lower threshold levels to evaluate the Matrix A, B, and C listed compounds. **Table 3.6** below presents a summary of the soil vapor exceedances of the NYSDOH Matrix A Sub-Slab Vapor Concentrations Criteria (NY-SSC-A) and NYSDOH Matrix B Sub-Slab Vapor Concentrations Criteria (NY-SSC-C) lower threshold levels. Tetrachloroethene (PCE) was detected in one (1) sample at a concentration in exceedance of the NY-SSC-A lower threshold. No additional exceedances were detected. Additionally, the chlorinated VOCs (CVOCs) including trichloroethene (TCE) and 1,1,1-trichloroethane (1,1-TCA) were detected in soil vapor, but at concentrations below the NY-SSC-A and NY-SSC-B lower threshold levels. The solvents 2-butanone (265 to 740 ug/m3), acetone (61.8 to 138 ug/m3) and carbon disulfide (3.36 to 31.8 ug/m3) were detected; however, there are no NYSDOH Matrices for these compounds. The presence of chlorinated and solvent volatile organic vapors suggests an on-site or nearby source of these compounds is present.

Table 3.6 – Chlorinated and Solvent Soil Vapor Sample Summary

LOCATION				AMB-1		SVP-2		SVP-3		SVP-4		SVP-5	
SAMPLING DATE				5/25/2021		5/25/2021		5/25/2021		5/25/2021		5/25/2021	
LAB SAMPLE ID				L2127790-01		L2127790-02		L2127790-03		L2127790-04		L2127790-05	
SAMPLE TYPE				AIR		SOIL VAPOR		SOIL VAPOR		SOIL VAPOR		SOIL VAPOR	
SAMPLE DEPTH (ft.)						5		5		5		5	
	NY-SSC-A	NY-SSC-B	Units	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual
1,1,1-Trichloroethane		100	ug/m3	1.09	U	4.04		5.3		2.18	U	4.54	U
Trichloroethene	6		ug/m3	1.07	U	3.15		2.69	U	2.15	U	4.48	U
Tetrachloroethene		100	ug/m3	1.36	U	107		67.8		4.62		5.65	U
Acetone			ug/m3	7.27		133		138		61.8		82.4	
2-Butanone			ug/m3	1.47	U	265		268		375		740	U
Carbon Disulfide			ug/m3	0.623	U	7.38		31.8		3.36		2.59	U
2-Hexanone			ug/m3	0.82	U	57.4		81.1		50.8		84.8	

Notes:

1. NY-SSC-A – NYSDOH Matrix A Sub-slab Vapor Concentration Criteria Lower Threshold
2. NY-SSC-B – NYSDOH Matrix B Sub-slab Vapor Concentration Criteria Lower Threshold
3. Yellow Highlight – concentration exceeds the NYSDOH Matrix A Sub-Slab Vapor Concentrations Criteria
4. U – Compound Not Detected
5. Qual – Laboratory Qualifier
6. Ug/m3 – micrograms per cubic meter

In addition, the VOCs discussed above, the following petroleum hydrocarbon (PHC) VOCs were detected as shown on **Table 3.7** below: benzene (2.38 to 53 ug/m³), toluene (47.1 to 78.8 ug/m³), ethylbenzene (5.56 to 354 ug/m³), total xylenes (24.76 to 1,457 ug/m³), 1,2,4-trimethylbenzene (3.58 to 22.9 ug/m³), 1,3,5-trimethylbenzene (4.69 ug/m³), 1,3-butadiene (4.09 to 48 ug/m³), ethanol (21.9 to 82 ug/m³), 2-butanone (265 to 740 ug/m³), n-hexane (3.52 to 73.7 ug/m³), heptane (3.96 to 56.6 ug/m³), and 2-hexanone (50.8 to 84.8). There are no NYSDOH Matrices for these compounds. However, the presence of PHC vapors suggests an on-Site or nearby source of these compounds is present.

Table 3.7 – PHC Soil Vapor Sample Summary

LOCATION		AMB-1		SVP-2		SVP-3		SVP-4		SVP-5	
SAMPLING DATE		5/25/2021		5/25/2021		5/25/2021		5/25/2021		5/25/2021	
LAB SAMPLE ID		L2127790-01		L2127790-02		L2127790-03		L2127790-04		L2127790-05	
SAMPLE TYPE		AIR		SOIL VAPOR		SOIL VAPOR		SOIL VAPOR		SOIL VAPOR	
SAMPLE DEPTH (ft.)		5		5		5		5		5	
	Units	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual
1,3-Butadiene	ug/m3	0.442	U	4.09		48		0.885	U	1.84	U
Ethanol	ug/m3	10.6		82		36		21.9		47.3	
2-Butanone	ug/m3	1.47	U	265		268		375		740	
n-Hexane	ug/m3	0.705	U	17.8		73.7		4.48		3.52	
Benzene	ug/m3	0.639	U	5.78		53		2.38		3.03	
Heptane	ug/m3	0.82	U	19.4		56.6		3.96		5.29	
Toluene	ug/m3	1.7		76.5		78.8		47.1		50.9	
2-Hexanone	ug/m3	0.82	U	57.4		81.1		50.8		84.8	
Ethylbenzene	ug/m3	0.869	U	354		27.3		5.56		37.8	
p/m-Xylene	ug/m3	2.15		1060		96.4		18.2		128	
o-Xylene	ug/m3	0.869	U	397		50.4		6.56		40.5	
Total Xylenes	ug/m3	3.019		1457		146.8		24.76		168.5	
1,3,5-Trimethylbenzene	ug/m3	0.983	U	4.69		2.46	U	1.97	U	4.1	U
1,2,4-Trimethylbenzene	ug/m3	0.983	U	22.9		3.58		4.17		5.6	

Notes:

1. U – Compound Not Detected
2. Qual – Laboratory Qualifier
3. Ug/m3 – micrograms per cubic meter

4.0 CONCLUSIONS AND RECOMMENDATIONS

Soil, groundwater and soil vapor detections and exceedances that resulted during the investigations may be a result of the site history. Field investigation identified the presence of brick and concrete fragments in soil, indicative of historic fill that extends to an approximate depth of ten (10) feet below grade. PAHs were identified at concentrations exceeding their respective RRSCO, and metals and pesticides were identified their respective USCOs. However, PAH exceedance in one boring is much higher than typical historic fill levels. In addition dissolved PAHs were detected in groundwater at concentrations exceeding the AWQS.

Dissolved VOCs PCE and toluene were detected in groundwater at concentrations exceeding the AWQS. PCE was detected in one soil vapor sample at a concentration in exceedance of the NY-SSC-A lower threshold. Additionally, the chlorinated VOCs (CVOCs) including TCE and 1,1,1-TCA were detected, but at concentrations below the NY-SSC-A and NY-SSC-B lower threshold levels. The PCE in groundwater and soil vapor may be attributed to historic Site uses including the paint shop and possibly dressmaking.

Numerous PHC VOCs including benzene, toluene, ethylbenzene, total xylenes, 1,2,4-trimethylbenzene, 1,3,5-trimethylbenzene, 1,3-butadiene, ethanol, 2-butanone, n-hexane, heptane, and 2-hexanone were detected in soil vapor. There are no NYSDOH Matrices for these compounds. However, the presence of PHC vapors suggests an on-site or nearby source of these compounds is present.

Additional investigation is required to fully characterize the soil exceedances and the source of groundwater and soil vapors detects and exceedances. Remediation of the soil, groundwater and soil vapor will be needed prior to Site development.

Tables

Table 3.
Summary of Soil Sample Results
32, 36, and 38 Main Street, and
1 and 3 Riverdale Ave. Yonkers, NY

LOCATION							SB-1 (1.5-2')	SB-1 (1.5-2')	
SAMPLING DATE							5/25/2021	5/25/2021	
LAB SAMPLE ID							L2127789-01	L2127789-01 R1	
SAMPLE TYPE							SOIL	SOIL	
SAMPLE DEPTH (ft.)									
	CasNum	USCO	RSCO	RRSCO	Units	Results	Qual	Results	Qual
General Chemistry									
Solids, Total	NONE				%	95.1		-	-
Cyanide, Total	57-12-5	27	27	27	mg/kg	0.98	U	-	-
Organochlorine Pesticides by GC									
Delta-BHC	319-86-8	0.04	0.25	0.25	mg/kg	0.00167	U	-	-
Lindane	58-89-9	0.1	0.1	0.1	mg/kg	0.000697	U	-	-
Alpha-BHC	319-84-6	0.02	0.02	0.02	mg/kg	0.000697	U	-	-
Beta-BHC	319-85-7	0.036	0.072	0.09	mg/kg	0.00167	U	-	-
Heptachlor	76-44-8	0.042	0.38	0.38	mg/kg	0.00593		-	-
Aldrin	309-00-2	0.005	0.019	0.097	mg/kg	0.00167	U	-	-
Heptachlor epoxide	1024-57-3				mg/kg	0.00314	U	-	-
Endrin	72-20-8	0.014	0.06	0.06	mg/kg	0.000697	U	-	-
Endrin aldehyde	7421-93-4				mg/kg	0.00209	U	-	-
Endrin ketone	53494-70-5				mg/kg	0.00167	U	-	-
Dieldrin	60-57-1	0.005	0.039	0.1	mg/kg	0.00104	U	-	-
4,4'-DDE	72-55-9	0.0033	1.8	8.9	mg/kg	0.00261		-	-
4,4'-DDD	72-54-8	0.0033	2.6	13	mg/kg	0.00167	U	-	-
4,4'-DDT	50-29-3	0.0033	1.7	7.9	mg/kg	0.00314	U	-	-
Endosulfan I	959-98-8	2.4	4.8	24	mg/kg	0.00167	U	-	-
Endosulfan II	33213-65-9	2.4	4.8	24	mg/kg	0.00167	U	-	-
Endosulfan sulfate	1031-07-8	2.4	4.8	24	mg/kg	0.000697	U	-	-
Methoxychlor	72-43-5				mg/kg	0.00314	U	-	-
Toxaphene	8001-35-2				mg/kg	0.0314	U	-	-
cis-Chlordane	5103-71-9	0.094	0.91	2.9	mg/kg	0.091	IP	-	-
trans-Chlordane	5103-74-2				mg/kg	0.111		-	-
Chlordane	57-74-9				mg/kg	0.756	P	-	-
Polychlorinated Biphenyls by GC									
Aroclor 1016	12674-11-2	0.1	1	1	mg/kg	0.0342	U	-	-
Aroclor 1221	11104-28-2	0.1	1	1	mg/kg	0.0342	U	-	-
Aroclor 1232	11141-16-5	0.1	1	1	mg/kg	0.0342	U	-	-
Aroclor 1242	53469-21-9	0.1	1	1	mg/kg	0.0342	U	-	-
Aroclor 1248	12672-29-6	0.1	1	1	mg/kg	0.0342	U	-	-
Aroclor 1254	11097-69-1	0.1	1	1	mg/kg	0.0342	U	-	-
Aroclor 1260	11096-82-5	0.1	1	1	mg/kg	0.0342	U	-	-
Aroclor 1262	37324-23-5	0.1	1	1	mg/kg	0.0342	U	-	-
Aroclor 1268	11100-14-4	0.1	1	1	mg/kg	0.0342	U	-	-
PCBs, Total	1336-36-3	0.1	1	1	mg/kg	0.0342	U	-	-
Semivolatile Organics by GC/MS									
Acenaphthene	83-32-9	20	98	98	mg/kg	0.27		0.18	
1,2,4-Trichlorobenzene	120-82-1				mg/kg	0.17	U	0.17	U
Hexachlorobenzene	118-74-1	0.33	0.33	1.2	mg/kg	0.1	U	0.1	U
Bis(2-chloroethyl)ether	111-44-4				mg/kg	0.16	U	0.15	U
2-Chloronaphthalene	91-58-7				mg/kg	0.17	U	0.17	U
1,2-Dichlorobenzene	95-50-1	1.1	1.1	1.1	mg/kg	0.17	U	0.17	U
1,3-Dichlorobenzene	541-73-1	2.4	2.4	2.4	mg/kg	0.17	U	0.17	U
1,4-Dichlorobenzene	106-46-7	1.8	1.8	1.8	mg/kg	0.17	U	0.17	U
3,3'-Dichlorobenzidine	91-94-1				mg/kg	0.17	U	0.17	U
2,4-Dinitrotoluene	121-14-2				mg/kg	0.17	U	0.17	U
2,6-Dinitrotoluene	606-20-2				mg/kg	0.17	U	0.17	U
Fluoranthene	206-44-0	100	100	100	mg/kg	3		3	
4-Chlorophenyl phenyl ether	7005-72-3				mg/kg	0.17	U	0.17	U
4-Bromophenyl phenyl ether	101-55-3				mg/kg	0.17	U	0.17	U
Bis(2-chloroisopropyl)ether	108-60-1				mg/kg	0.21	U	0.2	U



**Table 3.
Summary of Soil Sample Results
32, 36, and 38 Main Street, and
1 and 3 Riverdale Ave. Yonkers, NY**

LOCATION							SB-1 (1.5-2')		SB-1 (1.5-2')	
SAMPLING DATE							5/25/2021		5/25/2021	
LAB SAMPLE ID							L2127789-01		L2127789-01 R1	
SAMPLE TYPE							SOIL		SOIL	
SAMPLE DEPTH (ft.)										
	CasNum	USCO	RSCO	RRSCO	Units	Results	Qual	Results	Qual	
Bis(2-chloroethoxy)methane	111-91-1				mg/kg	0.19	U	0.18	U	
Hexachlorobutadiene	87-68-3				mg/kg	0.17	U	0.17	U	
Hexachlorocyclopentadiene	77-47-4				mg/kg	0.49	U	0.49	U	
Hexachloroethane	67-72-1				mg/kg	0.14	U	0.14	U	
Isophorone	78-59-1				mg/kg	0.16	U	0.15	U	
Naphthalene	91-20-3	12	12	12	mg/kg	0.13	J	0.071	J	
Nitrobenzene	98-95-3				mg/kg	0.16	U	0.15	U	
NDPA/DPA	86-30-6				mg/kg	0.14	U	0.14	U	
n-Nitrosodi-n-propylamine	621-64-7				mg/kg	0.17	U	0.17	U	
Bis(2-ethylhexyl)phthalate	117-81-7				mg/kg	0.17	U	0.17	U	
Butyl benzyl phthalate	85-68-7				mg/kg	0.17	U	0.17	U	
Di-n-butylphthalate	84-74-2				mg/kg	0.17	U	0.17	U	
Di-n-octylphthalate	117-84-0				mg/kg	0.17	U	0.17	U	
Diethyl phthalate	84-66-2				mg/kg	0.17	U	0.17	U	
Dimethyl phthalate	131-11-3				mg/kg	0.17	U	0.17	U	
Benzo(a)anthracene	56-55-3	1	1	1	mg/kg	1.4		1.3		
Benzo(a)pyrene	50-32-8	1	1	1	mg/kg	1.1		1		
Benzo(b)fluoranthene	205-99-2	1	1	1	mg/kg	1.5		1.4		
Benzo(k)fluoranthene	207-08-9	0.8	1	1.7	mg/kg	0.46		0.42		
Chrysene	218-01-9	1	1	1	mg/kg	1.2		1.2		
Acenaphthylene	208-96-8	100	100	100	mg/kg	0.059	J	0.097	J	
Anthracene	120-12-7	100	100	100	mg/kg	0.62		0.51		
Benzo(ghi)perylene	191-24-2	100	100	100	mg/kg	0.69		0.65		
Fluorene	86-73-7	30	100	100	mg/kg	0.25		0.19		
Phenanthrene	85-01-8	100	100	100	mg/kg	2.8		2.4		
Dibenzo(a,h)anthracene	53-70-3	0.33	0.33	0.33	mg/kg	0.18		0.16		
Indeno(1,2,3-cd)pyrene	193-39-5	0.5	0.5	0.5	mg/kg	0.76		0.72		
Pyrene	129-00-0	100	100	100	mg/kg	2.5		2.5		
Biphenyl	92-52-4				mg/kg	0.39	U	0.39	U	
4-Chloroaniline	106-47-8				mg/kg	0.17	U	0.17	U	
2-Nitroaniline	88-74-4				mg/kg	0.17	U	0.17	U	
3-Nitroaniline	99-09-2				mg/kg	0.17	U	0.17	U	
4-Nitroaniline	100-01-6				mg/kg	0.17	U	0.17	U	
Dibenzofuran	132-64-9	7	14	59	mg/kg	0.17		0.13	J	
2-Methylnaphthalene	91-57-6				mg/kg	0.083	J	0.043	J	
1,2,4,5-Tetrachlorobenzene	95-94-3				mg/kg	0.17	U	0.17	U	
Acetophenone	98-86-2				mg/kg	0.17	U	0.17	U	
2,4,6-Trichlorophenol	88-06-2				mg/kg	0.1	U	0.1	U	
p-Chloro-m-cresol	59-50-7				mg/kg	0.17	U	0.17	U	
2-Chlorophenol	95-57-8				mg/kg	0.17	U	0.17	U	
2,4-Dichlorophenol	120-83-2				mg/kg	0.16	U	0.15	U	
2,4-Dimethylphenol	105-67-9				mg/kg	0.17	U	0.17	U	
2-Nitrophenol	88-75-5				mg/kg	0.37	U	0.37	U	
4-Nitrophenol	100-02-7				mg/kg	0.24	U	0.24	U	
2,4-Dinitrophenol	51-28-5				mg/kg	0.83	U	0.82	U	
4,6-Dinitro-o-cresol	534-52-1				mg/kg	0.45	U	0.45	U	
Pentachlorophenol	87-86-5	0.8	0.8	0.8	mg/kg	0.14	U	0.14	U	
Phenol	108-95-2	0.33	0.33	0.33	mg/kg	0.17	U	0.17	U	
2-Methylphenol	95-48-7	0.33	0.33	0.33	mg/kg	0.17	U	0.17	U	
3-Methylphenol/4-Methylphenol	108-39-4/106-44-5	0.33	0.33	0.33	mg/kg	0.25	U	0.25	U	
2,4,5-Trichlorophenol	95-95-4				mg/kg	0.17	U	0.17	U	
Benzoic Acid	65-85-0				mg/kg	0.56	U	0.56	U	
Benzyl Alcohol	100-51-6				mg/kg	0.17	U	0.17	U	



Table 3.
Summary of Soil Sample Results
32, 36, and 38 Main Street, and
1 and 3 Riverdale Ave. Yonkers, NY

LOCATION							SB-1 (1.5-2')		SB-1 (1.5-2')	
SAMPLING DATE							5/25/2021		5/25/2021	
LAB SAMPLE ID							L2127789-01		L2127789-01 R1	
SAMPLE TYPE							SOIL		SOIL	
SAMPLE DEPTH (ft.)										
	CasNum	USCO	RSCO	RRSCO	Units	Results	Qual	Results	Qual	
Carbazole	86-74-8				mg/kg	0.3		0.24		
1,4-Dioxane	123-91-1	0.1	0.1	0.1	mg/kg	0.026	U	0.026	U	
Total Metals										
Aluminum, Total	7429-90-5				mg/kg	4790		-	-	
Antimony, Total	7440-36-0				mg/kg	4.07	U	-	-	
Arsenic, Total	7440-38-2	13	16	16	mg/kg	3.18		-	-	
Barium, Total	7440-39-3	350	350	400	mg/kg	67.9		-	-	
Beryllium, Total	7440-41-7	7.2	14	47	mg/kg	0.277	J	-	-	
Cadmium, Total	7440-43-9	2.5	2.5	4.3	mg/kg	0.236	J	-	-	
Calcium, Total	7440-70-2				mg/kg	9600		-	-	
Chromium, Total	7440-47-3				mg/kg	12.4		-	-	
Cobalt, Total	7440-48-4				mg/kg	5.35		-	-	
Copper, Total	7440-50-8	50	270	270	mg/kg	32.4		-	-	
Iron, Total	7439-89-6				mg/kg	9020		-	-	
Lead, Total	7439-92-1	63	400	400	mg/kg	80		-	-	
Magnesium, Total	7439-95-4				mg/kg	5610		-	-	
Manganese, Total	7439-96-5	1600	2000	2000	mg/kg	219		-	-	
Mercury, Total	7439-97-6	0.18	0.73	0.73	mg/kg	0.937		-	-	
Nickel, Total	7440-02-0	30	130	130	mg/kg	14.1		-	-	
Potassium, Total	7440-09-7				mg/kg	1380		-	-	
Selenium, Total	7782-49-2	3.9	4	4	mg/kg	1.63	U	-	-	
Silver, Total	7440-22-4	2	8.3	8.3	mg/kg	0.814	U	-	-	
Sodium, Total	7440-23-5				mg/kg	279		-	-	
Thallium, Total	7440-28-0				mg/kg	1.63	U	-	-	
Vanadium, Total	7440-62-2				mg/kg	18.6		-	-	
Zinc, Total	7440-66-6	109	2200	2480	mg/kg	188		-	-	
Volatile Organics by EPA 5035										
Methylene chloride	75-09-2	0.05	0.05	0.05	mg/kg	0.0056	U	-	-	
1,1-Dichloroethane	75-34-3	0.27	0.27	0.27	mg/kg	0.0011	U	-	-	
Chloroform	67-66-3	0.37	0.37	0.37	mg/kg	0.0017	U	-	-	
Carbon tetrachloride	56-23-5	0.76	0.76	0.76	mg/kg	0.0011	U	-	-	
1,2-Dichloropropane	78-87-5				mg/kg	0.0011	U	-	-	
Dibromochloromethane	124-48-1				mg/kg	0.0011	U	-	-	
1,1,2-Trichloroethane	79-00-5				mg/kg	0.0011	U	-	-	
Tetrachloroethene	127-18-4	1.3	1.3	1.3	mg/kg	0.00056	U	-	-	
Chlorobenzene	108-90-7	1.1	1.1	1.1	mg/kg	0.00056	U	-	-	
Trichlorofluoromethane	75-69-4				mg/kg	0.0045	U	-	-	
1,2-Dichloroethane	107-06-2	0.02	0.02	0.02	mg/kg	0.0011	U	-	-	
1,1,1-Trichloroethane	71-55-6	0.68	0.68	0.68	mg/kg	0.00056	U	-	-	
Bromodichloromethane	75-27-4				mg/kg	0.00056	U	-	-	
trans-1,3-Dichloropropene	10061-02-6				mg/kg	0.0011	U	-	-	
cis-1,3-Dichloropropene	10061-01-5				mg/kg	0.00056	U	-	-	
1,3-Dichloropropene, Total	542-75-6				mg/kg	0.00056	U	-	-	
1,1-Dichloropropene	563-58-6				mg/kg	0.00056	U	-	-	
Bromoform	75-25-2				mg/kg	0.0045	U	-	-	
1,1,1,2,2-Tetrachloroethane	79-34-5				mg/kg	0.00056	U	-	-	
Benzene	71-43-2	0.06	0.06	0.06	mg/kg	0.00056	U	-	-	
Toluene	108-88-3	0.7	0.7	0.7	mg/kg	0.0011	U	-	-	
Ethylbenzene	100-41-4	1	1	1	mg/kg	0.0011	U	-	-	
Chloromethane	74-87-3				mg/kg	0.0045	U	-	-	
Bromomethane	74-83-9				mg/kg	0.0022	U	-	-	
Vinyl chloride	75-01-4	0.02	0.02	0.02	mg/kg	0.0011	U	-	-	
Chloroethane	75-00-3				mg/kg	0.0022	U	-	-	



Table 3.
Summary of Soil Sample Results
32, 36, and 38 Main Street, and
1 and 3 Riverdale Ave. Yonkers, NY

LOCATION							SB-1 (1.5-2')		SB-1 (1.5-2')	
SAMPLING DATE							5/25/2021		5/25/2021	
LAB SAMPLE ID							L2127789-01		L2127789-01 R1	
SAMPLE TYPE							SOIL		SOIL	
SAMPLE DEPTH (ft.)										
	CasNum	USCO	RSCO	RRSCO	Units	Results	Qual	Results	Qual	
1,1-Dichloroethene	75-35-4	0.33	0.33	0.33	mg/kg	0.0011	U	-	-	
trans-1,2-Dichloroethene	156-60-5	0.19	0.19	0.19	mg/kg	0.0017	U	-	-	
Trichloroethene	79-01-6	0.47	0.47	0.47	mg/kg	0.00056	U	-	-	
1,2-Dichlorobenzene	95-50-1	1.1	1.1	1.1	mg/kg	0.0022	U	-	-	
1,3-Dichlorobenzene	541-73-1	2.4	2.4	2.4	mg/kg	0.0022	U	-	-	
1,4-Dichlorobenzene	106-46-7	1.8	1.8	1.8	mg/kg	0.0022	U	-	-	
Methyl tert butyl ether	1634-04-4	0.93	0.93	0.93	mg/kg	0.0022	U	-	-	
p/m-Xylene	179601-23-1				mg/kg	0.0022	U	-	-	
o-Xylene	95-47-6				mg/kg	0.0011	U	-	-	
Xylenes, Total	1330-20-7	0.26	1.6	1.6	mg/kg	0.0011	U	-	-	
cis-1,2-Dichloroethene	156-59-2	0.25	0.25	0.25	mg/kg	0.0011	U	-	-	
1,2-Dichloroethene, Total	540-59-0				mg/kg	0.0011	U	-	-	
Dibromomethane	74-95-3				mg/kg	0.0022	U	-	-	
Styrene	100-42-5				mg/kg	0.0011	U	-	-	
Dichlorodifluoromethane	75-71-8				mg/kg	0.011	U	-	-	
Acetone	67-64-1	0.05	0.05	0.05	mg/kg	0.011	U	-	-	
Carbon disulfide	75-15-0				mg/kg	0.011	U	-	-	
2-Butanone	78-93-3	0.12	0.12	0.12	mg/kg	0.011	U	-	-	
Vinyl acetate	108-05-4				mg/kg	0.011	U	-	-	
4-Methyl-2-pentanone	108-10-1				mg/kg	0.011	U	-	-	
1,2,3-Trichloropropane	96-18-4				mg/kg	0.0022	U	-	-	
2-Hexanone	591-78-6				mg/kg	0.011	U	-	-	
Bromochloromethane	74-97-5				mg/kg	0.0022	U	-	-	
2,2-Dichloropropane	594-20-7				mg/kg	0.0022	U	-	-	
1,2-Dibromoethane	106-93-4				mg/kg	0.0011	U	-	-	
1,3-Dichloropropane	142-28-9				mg/kg	0.0022	U	-	-	
1,1,1,2-Tetrachloroethane	630-20-6				mg/kg	0.00056	U	-	-	
Bromobenzene	108-86-1				mg/kg	0.0022	U	-	-	
n-Butylbenzene	104-51-8	12	12	12	mg/kg	0.0011	U	-	-	
sec-Butylbenzene	135-98-8	11	11	11	mg/kg	0.0011	U	-	-	
tert-Butylbenzene	98-06-6	5.9	5.9	5.9	mg/kg	0.0022	U	-	-	
o-Chlorotoluene	95-49-8				mg/kg	0.0022	U	-	-	
p-Chlorotoluene	106-43-4				mg/kg	0.0022	U	-	-	
1,2-Dibromo-3-chloropropane	96-12-8				mg/kg	0.0033	U	-	-	
Hexachlorobutadiene	87-68-3				mg/kg	0.0045	U	-	-	
Isopropylbenzene	98-82-8				mg/kg	0.0011	U	-	-	
p-Isopropyltoluene	99-87-6				mg/kg	0.0011	U	-	-	
Naphthalene	91-20-3	12	12	12	mg/kg	0.0045	U	-	-	
Acrylonitrile	107-13-1				mg/kg	0.0045	U	-	-	
n-Propylbenzene	103-65-1	3.9	3.9	3.9	mg/kg	0.0011	U	-	-	
1,2,3-Trichlorobenzene	87-61-6				mg/kg	0.0022	U	-	-	
1,2,4-Trichlorobenzene	120-82-1				mg/kg	0.0022	U	-	-	
1,3,5-Trimethylbenzene	108-67-8	8.4	8.4	8.4	mg/kg	0.0022	U	-	-	
1,2,4-Trimethylbenzene	95-63-6	3.6	3.6	3.6	mg/kg	0.0022	U	-	-	
1,4-Dioxane	123-91-1	0.1	0.1	0.1	mg/kg	0.089	U	-	-	
p-Diethylbenzene	105-05-5				mg/kg	0.0022	U	-	-	
p-Ethyltoluene	622-96-8				mg/kg	0.0022	U	-	-	
1,2,4,5-Tetramethylbenzene	95-93-2				mg/kg	0.0022	U	-	-	
Ethyl ether	60-29-7				mg/kg	0.0022	U	-	-	
trans-1,4-Dichloro-2-butene	110-57-6				mg/kg	0.0056	U	-	-	

* Comparison is not performed on parameters with non-numeric criteria.



**Table 3.
Summary of Soil Sample Results
32, 36, and 38 Main Street, and
1 and 3 Riverdale Ave. Yonkers, NY**

LOCATION							SB-1 (1.5-2')	SB-1 (1.5-2')		
SAMPLING DATE							5/25/2021	5/25/2021		
LAB SAMPLE ID							L2127789-01	L2127789-01 R1		
SAMPLE TYPE							SOIL	SOIL		
SAMPLE DEPTH (ft.)										
		CasNum	USCO	RSCO	RRSCO	Units	Results	Qual	Results	Qual

RRSCO: New York DER-10 Restricted Residential Use Allowable Constituent Levels for Imported Fill & Soil Criteria per DER-10 Technical G
RSCO: New York DER-10 Restricted Use Allowable Constituent Levels for Imported Fill & Soil Criteria per DER-10 Technical Guidance for S
USCO: New York DER-10 Unrestricted Use Allowable Constituent Levels for Imported Fill & Soil Criteria per DER-10 Technical Guidance for Table 3.5

Summary of Soil Vapor Sample Results
32, 36, and 38 Main Street, and
1 and 3 Riverdale Ave. Yonkers, NY



Table 3.
Summary of Soil Sample Results
32, 36, and 38 Main Street, and
1 and 3 Riverdale Ave. Yonkers, NY

LOCATION		SB-1 (6.5-7')				SB-2 (2.5-3)			
SAMPLING DATE		5/25/2021				5/26/2021			
LAB SAMPLE ID		L2127789-02				L2128683-01			
SAMPLE TYPE		SOIL				SOIL			
SAMPLE DEPTH (ft.)									
		CasNum	USCO	RSCO	RRSCO	Results	Qual	Results	Qual
General Chemistry									
	Solids, Total	NONE				95.6		88	
	Cyanide, Total	57-12-5	27	27	27	0.96	U	1.1	U
Organochlorine Pesticides by GC									
	Delta-BHC	319-86-8	0.04	0.25	0.25	0.00164	U	0.00906	U
	Lindane	58-89-9	0.1	0.1	0.1	0.000683	U	0.00378	U
	Alpha-BHC	319-84-6	0.02	0.02	0.02	0.000683	U	0.00378	U
	Beta-BHC	319-85-7	0.036	0.072	0.09	0.00164	U	0.00906	U
	Heptachlor	76-44-8	0.042	0.38	0.38	0.000819	U	0.00453	U
	Aldrin	309-00-2	0.005	0.019	0.097	0.00164	U	0.00906	U
	Heptachlor epoxide	1024-57-3				0.00307	U	0.017	U
	Endrin	72-20-8	0.014	0.06	0.06	0.000683	U	0.00378	U
	Endrin aldehyde	7421-93-4				0.00205	U	0.0113	U
	Endrin ketone	53494-70-5				0.00164	U	0.00906	U
	Dieldrin	60-57-1	0.005	0.039	0.1	0.00102	U	0.00566	U
	4,4'-DDE	72-55-9	0.0033	1.8	8.9	0.00164	U	0.00906	U
	4,4'-DDD	72-54-8	0.0033	2.6	13	0.00164	U	0.00906	U
	4,4'-DDT	50-29-3	0.0033	1.7	7.9	0.00307	U	0.017	U
	Endosulfan I	959-98-8	2.4	4.8	24	0.00164	U	0.00906	U
	Endosulfan II	33213-65-9	2.4	4.8	24	0.00164	U	0.00906	U
	Endosulfan sulfate	1031-07-8	2.4	4.8	24	0.000683	U	0.00378	U
	Methoxychlor	72-43-5				0.00307	U	0.017	U
	Toxaphene	8001-35-2				0.0307	U	0.17	U
	cis-Chlordane	5103-71-9	0.094	0.91	2.9	0.00205	U	0.0113	U
	trans-Chlordane	5103-74-2				0.00205	U	0.0113	U
	Chlordane	57-74-9				0.0136	U	0.0755	U
Polychlorinated Biphenyls by GC									
	Aroclor 1016	12674-11-2	0.1	1	1	0.0344	U	0.0374	U
	Aroclor 1221	11104-28-2	0.1	1	1	0.0344	U	0.0374	U
	Aroclor 1232	11141-16-5	0.1	1	1	0.0344	U	0.0374	U
	Aroclor 1242	53469-21-9	0.1	1	1	0.0344	U	0.0374	U
	Aroclor 1248	12672-29-6	0.1	1	1	0.0344	U	0.0374	U
	Aroclor 1254	11097-69-1	0.1	1	1	0.0344	U	0.0149	J
	Aroclor 1260	11096-82-5	0.1	1	1	0.0344	U	0.00727	J
	Aroclor 1262	37324-23-5	0.1	1	1	0.0344	U	0.0374	U
	Aroclor 1268	11100-14-4	0.1	1	1	0.0344	U	0.0374	U
	PCBs, Total	1336-36-3	0.1	1	1	0.0344	U	0.0222	J
Semivolatile Organics by GC/MS									
	Acenaphthene	83-32-9	20	98	98	0.14	U	0.45	
	1,2,4-Trichlorobenzene	120-82-1				0.17	U	0.19	U
	Hexachlorobenzene	118-74-1	0.33	0.33	1.2	0.1	U	0.11	U
	Bis(2-chloroethyl)ether	111-44-4				0.16	U	0.17	U
	2-Chloronaphthalene	91-58-7				0.17	U	0.19	U
	1,2-Dichlorobenzene	95-50-1	1.1	1.1	1.1	0.17	U	0.19	U
	1,3-Dichlorobenzene	541-73-1	2.4	2.4	2.4	0.17	U	0.19	U
	1,4-Dichlorobenzene	106-46-7	1.8	1.8	1.8	0.17	U	0.19	U
	3,3'-Dichlorobenzidine	91-94-1				0.17	U	0.19	U
	2,4-Dinitrotoluene	121-14-2				0.17	U	0.19	U
	2,6-Dinitrotoluene	606-20-2				0.17	U	0.19	U
	Fluoranthene	206-44-0	100	100	100	0.1	U	4.8	
	4-Chlorophenyl phenyl ether	7005-72-3				0.17	U	0.19	U
	4-Bromophenyl phenyl ether	101-55-3				0.17	U	0.19	U
	Bis(2-chloroisopropyl)ether	108-60-1				0.21	U	0.22	U



**Table 3.
Summary of Soil Sample Results
32, 36, and 38 Main Street, and
1 and 3 Riverdale Ave. Yonkers, NY**

LOCATION		SB-1 (6.5-7')					SB-2 (2.5-3)		
SAMPLING DATE		5/25/2021					5/26/2021		
LAB SAMPLE ID		L2127789-02					L2128683-01		
SAMPLE TYPE		SOIL					SOIL		
SAMPLE DEPTH (ft.)									
	CasNum	USCO	RSCO	RRSCO	Results	Qual	Results	Qual	
Bis(2-chloroethoxy)methane	111-91-1				0.19	U	0.2	U	
Hexachlorobutadiene	87-68-3				0.17	U	0.19	U	
Hexachlorocyclopentadiene	77-47-4				0.5	U	0.53	U	
Hexachloroethane	67-72-1				0.14	U	0.15	U	
Isophorone	78-59-1				0.16	U	0.17	U	
Naphthalene	91-20-3	12	12	12	0.17	U	0.075	J	
Nitrobenzene	98-95-3				0.16	U	0.17	U	
NDPA/DPA	86-30-6				0.14	U	0.15	U	
n-Nitrosodi-n-propylamine	621-64-7				0.17	U	0.19	U	
Bis(2-ethylhexyl)phthalate	117-81-7				0.17	U	0.067	J	
Butyl benzyl phthalate	85-68-7				0.17	U	0.19	U	
Di-n-butylphthalate	84-74-2				0.17	U	0.19	U	
Di-n-octylphthalate	117-84-0				0.17	U	0.19	U	
Diethyl phthalate	84-66-2				0.17	U	0.19	U	
Dimethyl phthalate	131-11-3				0.17	U	0.19	U	
Benzo(a)anthracene	56-55-3	1	1	1	0.1	U	1.7		
Benzo(a)pyrene	50-32-8	1	1	1	0.14	U	1.4		
Benzo(b)fluoranthene	205-99-2	1	1	1	0.1	U	1.7		
Benzo(k)fluoranthene	207-08-9	0.8	1	1.7	0.1	U	0.62		
Chrysene	218-01-9	1	1	1	0.1	U	1.6		
Acenaphthylene	208-96-8	100	100	100	0.14	U	0.032	J	
Anthracene	120-12-7	100	100	100	0.1	U	1.5		
Benzo(ghi)perylene	191-24-2	100	100	100	0.14	U	0.82		
Fluorene	86-73-7	30	100	100	0.17	U	0.42		
Phenanthrene	85-01-8	100	100	100	0.1	U	4.8		
Dibenzo(a,h)anthracene	53-70-3	0.33	0.33	0.33	0.1	U	0.18		
Indeno(1,2,3-cd)pyrene	193-39-5	0.5	0.5	0.5	0.14	U	0.93		
Pyrene	129-00-0	100	100	100	0.1	U	3.8		
Biphenyl	92-52-4				0.39	U	0.42	U	
4-Chloroaniline	106-47-8				0.17	U	0.19	U	
2-Nitroaniline	88-74-4				0.17	U	0.19	U	
3-Nitroaniline	99-09-2				0.17	U	0.19	U	
4-Nitroaniline	100-01-6				0.17	U	0.19	U	
Dibenzofuran	132-64-9	7	14	59	0.17	U	0.3		
2-Methylnaphthalene	91-57-6				0.21	U	0.078	J	
1,2,4,5-Tetrachlorobenzene	95-94-3				0.17	U	0.19	U	
Acetophenone	98-86-2				0.17	U	0.19	U	
2,4,6-Trichlorophenol	88-06-2				0.1	U	0.11	U	
p-Chloro-m-cresol	59-50-7				0.17	U	0.19	U	
2-Chlorophenol	95-57-8				0.17	U	0.19	U	
2,4-Dichlorophenol	120-83-2				0.16	U	0.17	U	
2,4-Dimethylphenol	105-67-9				0.17	U	0.19	U	
2-Nitrophenol	88-75-5				0.37	U	0.4	U	
4-Nitrophenol	100-02-7				0.24	U	0.26	U	
2,4-Dinitrophenol	51-28-5				0.83	U	0.9	U	
4,6-Dinitro-o-cresol	534-52-1				0.45	U	0.48	U	
Pentachlorophenol	87-86-5	0.8	0.8	0.8	0.14	U	0.15	U	
Phenol	108-95-2	0.33	0.33	0.33	0.17	U	0.19	U	
2-Methylphenol	95-48-7	0.33	0.33	0.33	0.17	U	0.19	U	
3-Methylphenol/4-Methylphenol	108-39-4/106-44-5	0.33	0.33	0.33	0.25	U	0.27	U	
2,4,5-Trichlorophenol	95-95-4				0.17	U	0.19	U	
Benzoic Acid	65-85-0				0.56	U	0.6	U	
Benzyl Alcohol	100-51-6				0.17	U	0.19	U	



Table 3.
Summary of Soil Sample Results
32, 36, and 38 Main Street, and
1 and 3 Riverdale Ave. Yonkers, NY

LOCATION		SB-1 (6.5-7')					SB-2 (2.5-3)	
SAMPLING DATE		5/25/2021					5/26/2021	
LAB SAMPLE ID		L2127789-02					L2128683-01	
SAMPLE TYPE		SOIL					SOIL	
SAMPLE DEPTH (ft.)								
	CasNum	USCO	RSCO	RRSCO	Results	Qual	Results	Qual
Carbazole	86-74-8				0.17	U	0.29	
1,4-Dioxane	123-91-1	0.1	0.1	0.1	0.026	U	0.028	U
Total Metals								
Aluminum, Total	7429-90-5				2130		4860	
Antimony, Total	7440-36-0				4.02	U	4.37	U
Arsenic, Total	7440-38-2	13	16	16	0.78	J	3.24	
Barium, Total	7440-39-3	350	350	400	19		49.4	
Beryllium, Total	7440-41-7	7.2	14	47	0.282	J	0.21	J
Cadmium, Total	7440-43-9	2.5	2.5	4.3	0.129	J	0.394	J
Calcium, Total	7440-70-2				1300		38600	
Chromium, Total	7440-47-3				5.71		12	
Cobalt, Total	7440-48-4				2.32		6.16	
Copper, Total	7440-50-8	50	270	270	3.81		18.6	
Iron, Total	7439-89-6				5940		13000	
Lead, Total	7439-92-1	63	400	400	4.11		31.6	
Magnesium, Total	7439-95-4				1710		7770	
Manganese, Total	7439-96-5	1600	2000	2000	279		144	
Mercury, Total	7439-97-6	0.18	0.73	0.73	0.066	U	0.075	
Nickel, Total	7440-02-0	30	130	130	5.22		9.55	
Potassium, Total	7440-09-7				810		1450	
Selenium, Total	7782-49-2	3.9	4	4	0.225	J	0.245	J
Silver, Total	7440-22-4	2	8.3	8.3	0.805	U	0.875	U
Sodium, Total	7440-23-5				50.3	J	243	
Thallium, Total	7440-28-0				1.61	U	1.75	U
Vanadium, Total	7440-62-2				7.68		17.6	
Zinc, Total	7440-66-6	109	2200	2480	9.42		37.1	
Volatile Organics by EPA 5035								
Methylene chloride	75-09-2	0.05	0.05	0.05	0.0068	U	0.005	U
1,1-Dichloroethane	75-34-3	0.27	0.27	0.27	0.0014	U	0.00099	U
Chloroform	67-66-3	0.37	0.37	0.37	0.002	U	0.0015	U
Carbon tetrachloride	56-23-5	0.76	0.76	0.76	0.0014	U	0.00099	U
1,2-Dichloropropane	78-87-5				0.0014	U	0.00099	U
Dibromochloromethane	124-48-1				0.0014	U	0.00099	U
1,1,2-Trichloroethane	79-00-5				0.0014	U	0.00099	U
Tetrachloroethene	127-18-4	1.3	1.3	1.3	0.00068	U	0.00019	J
Chlorobenzene	108-90-7	1.1	1.1	1.1	0.00068	U	0.0005	U
Trichlorofluoromethane	75-69-4				0.0054	U	0.004	U
1,2-Dichloroethane	107-06-2	0.02	0.02	0.02	0.0014	U	0.00099	U
1,1,1-Trichloroethane	71-55-6	0.68	0.68	0.68	0.00068	U	0.0005	U
Bromodichloromethane	75-27-4				0.00068	U	0.0005	U
trans-1,3-Dichloropropene	10061-02-6				0.0014	U	0.00099	U
cis-1,3-Dichloropropene	10061-01-5				0.00068	U	0.0005	U
1,3-Dichloropropene, Total	542-75-6				0.00068	U	0.0005	U
1,1-Dichloropropene	563-58-6				0.00068	U	0.0005	U
Bromoform	75-25-2				0.0054	U	0.004	U
1,1,2,2-Tetrachloroethane	79-34-5				0.00068	U	0.0005	U
Benzene	71-43-2	0.06	0.06	0.06	0.00068	U	0.0005	U
Toluene	108-88-3	0.7	0.7	0.7	0.0014	U	0.00099	U
Ethylbenzene	100-41-4	1	1	1	0.0014	U	0.00099	U
Chloromethane	74-87-3				0.0054	U	0.004	U
Bromomethane	74-83-9				0.0027	U	0.002	U
Vinyl chloride	75-01-4	0.02	0.02	0.02	0.0014	U	0.00099	U
Chloroethane	75-00-3				0.0027	U	0.002	U

Table 3.
Summary of Soil Sample Results
32, 36, and 38 Main Street, and
1 and 3 Riverdale Ave. Yonkers, NY

LOCATION		SB-1 (6.5-7')					SB-2 (2.5-3)			
SAMPLING DATE		5/25/2021					5/26/2021			
LAB SAMPLE ID		L2127789-02					L2128683-01			
SAMPLE TYPE		SOIL					SOIL			
SAMPLE DEPTH (ft.)										
		CasNum	USCO	RSCO	RRSCO	Results	Qual	Results	Qual	
1,1-Dichloroethene	75-35-4	0.33	0.33	0.33	0.0014	U	0.00099	U		
trans-1,2-Dichloroethene	156-60-5	0.19	0.19	0.19	0.002	U	0.0015	U		
Trichloroethene	79-01-6	0.47	0.47	0.47	0.00068	U	0.0005	U		
1,2-Dichlorobenzene	95-50-1	1.1	1.1	1.1	0.0027	U	0.002	U		
1,3-Dichlorobenzene	541-73-1	2.4	2.4	2.4	0.0027	U	0.002	U		
1,4-Dichlorobenzene	106-46-7	1.8	1.8	1.8	0.0027	U	0.002	U		
Methyl tert butyl ether	1634-04-4	0.93	0.93	0.93	0.0027	U	0.002	U		
p/m-Xylene	179601-23-1				0.0027	U	0.002	U		
o-Xylene	95-47-6				0.0014	U	0.00099	U		
Xylenes, Total	1330-20-7	0.26	1.6	1.6	0.0014	U	0.00099	U		
cis-1,2-Dichloroethene	156-59-2	0.25	0.25	0.25	0.0014	U	0.00099	U		
1,2-Dichloroethene, Total	540-59-0				0.0014	U	0.00099	U		
Dibromomethane	74-95-3				0.0027	U	0.002	U		
Styrene	100-42-5				0.0014	U	0.00099	U		
Dichlorodifluoromethane	75-71-8				0.014	U	0.0099	U		
Acetone	67-64-1	0.05	0.05	0.05	0.014	U	0.0099	U		
Carbon disulfide	75-15-0				0.014	U	0.0099	U		
2-Butanone	78-93-3	0.12	0.12	0.12	0.014	U	0.0099	U		
Vinyl acetate	108-05-4				0.014	U	0.0099	U		
4-Methyl-2-pentanone	108-10-1				0.014	U	0.0099	U		
1,2,3-Trichloropropane	96-18-4				0.0027	U	0.002	U		
2-Hexanone	591-78-6				0.014	U	0.0099	U		
Bromochloromethane	74-97-5				0.0027	U	0.002	U		
2,2-Dichloropropane	594-20-7				0.0027	U	0.002	U		
1,2-Dibromoethane	106-93-4				0.0014	U	0.00099	U		
1,3-Dichloropropane	142-28-9				0.0027	U	0.002	U		
1,1,1,2-Tetrachloroethane	630-20-6				0.00068	U	0.0005	U		
Bromobenzene	108-86-1				0.0027	U	0.002	U		
n-Butylbenzene	104-51-8	12	12	12	0.0014	U	0.00099	U		
sec-Butylbenzene	135-98-8	11	11	11	0.0014	U	0.00099	U		
tert-Butylbenzene	98-06-6	5.9	5.9	5.9	0.0027	U	0.002	U		
o-Chlorotoluene	95-49-8				0.0027	U	0.002	U		
p-Chlorotoluene	106-43-4				0.0027	U	0.002	U		
1,2-Dibromo-3-chloropropane	96-12-8				0.0041	U	0.003	U		
Hexachlorobutadiene	87-68-3				0.0054	U	0.004	U		
Isopropylbenzene	98-82-8				0.0014	U	0.00099	U		
p-Isopropyltoluene	99-87-6				0.0014	U	0.00099	U		
Naphthalene	91-20-3	12	12	12	0.0054	U	0.004	U		
Acrylonitrile	107-13-1				0.0054	U	0.004	U		
n-Propylbenzene	103-65-1	3.9	3.9	3.9	0.0014	U	0.00099	U		
1,2,3-Trichlorobenzene	87-61-6				0.0027	U	0.002	U		
1,2,4-Trichlorobenzene	120-82-1				0.0027	U	0.002	U		
1,3,5-Trimethylbenzene	108-67-8	8.4	8.4	8.4	0.0027	U	0.002	U		
1,2,4-Trimethylbenzene	95-63-6	3.6	3.6	3.6	0.0027	U	0.002	U		
1,4-Dioxane	123-91-1	0.1	0.1	0.1	0.11	U	0.079	U		
p-Diethylbenzene	105-05-5				0.0027	U	0.002	U		
p-Ethyltoluene	622-96-8				0.0027	U	0.002	U		
1,2,4,5-Tetramethylbenzene	95-93-2				0.0027	U	0.002	U		
Ethyl ether	60-29-7				0.0027	U	0.002	U		
trans-1,4-Dichloro-2-butene	110-57-6				0.0068	U	0.005	U		

* Comparison is not performed on parameters with non-numeric criteria.



**Table 3.
Summary of Soil Sample Results
32, 36, and 38 Main Street, and
1 and 3 Riverdale Ave. Yonkers, NY**

LOCATION					SB-1 (6.5-7')	SB-2 (2.5-3)			
SAMPLING DATE					5/25/2021	5/26/2021			
LAB SAMPLE ID					L2127789-02	L2128683-01			
SAMPLE TYPE					SOIL	SOIL			
SAMPLE DEPTH (ft.)									
		CasNum	USCO	RSCO	RRSCO	Results	Qual	Results	Qual

RRSCO: New York DER-10 Restricted Residential Use Allowable Constituent Levels

RSCO: New York DER-10 Restricted Use Allowable Constituent Levels for Imported I

USCO: New York DER-10 Unrestricted Use Allowable Constituent Levels for Importe

Table 3.5

Summary of Soil Vapor Sample Results

32, 36, and 38 Main Street, and

1 and 3 Riverdale Ave. Yonkers, NY

Table 3.
Summary of Soil Sample Results
32, 36, and 38 Main Street, and
1 and 3 Riverdale Ave. Yonkers, NY

LOCATION		SB-2 (6.5-7)					SB-3 (2-2.5')	
SAMPLING DATE		5/26/2021					5/25/2021	
LAB SAMPLE ID		L2128683-02					L2127789-03	
SAMPLE TYPE		SOIL					SOIL	
SAMPLE DEPTH (ft.)								
	CasNum	USCO	RSCO	RRSCO	Results	Qual	Results	Qual
General Chemistry								
Solids, Total	NONE				87.2		95.6	
Cyanide, Total	57-12-5	27	27	27	1.1	U	0.98	U
Organochlorine Pesticides by GC								
Delta-BHC	319-86-8	0.04	0.25	0.25	0.00176	U	0.00163	U
Lindane	58-89-9	0.1	0.1	0.1	0.000732	U	0.000678	U
Alpha-BHC	319-84-6	0.02	0.02	0.02	0.000732	U	0.000678	U
Beta-BHC	319-85-7	0.036	0.072	0.09	0.00176	U	0.00163	U
Heptachlor	76-44-8	0.042	0.38	0.38	0.000879	U	0.000813	U
Aldrin	309-00-2	0.005	0.019	0.097	0.00176	U	0.00163	U
Heptachlor epoxide	1024-57-3				0.0033	U	0.00305	U
Endrin	72-20-8	0.014	0.06	0.06	0.000732	U	0.000678	U
Endrin aldehyde	7421-93-4				0.0022	U	0.00203	U
Endrin ketone	53494-70-5				0.00176	U	0.00163	U
Dieldrin	60-57-1	0.005	0.039	0.1	0.0011	U	0.00102	U
4,4'-DDE	72-55-9	0.0033	1.8	8.9	0.00176	U	0.00121	J
4,4'-DDD	72-54-8	0.0033	2.6	13	0.00176	U	0.00163	U
4,4'-DDT	50-29-3	0.0033	1.7	7.9	0.0033	U	0.00222	JP
Endosulfan I	959-98-8	2.4	4.8	24	0.00176	U	0.00163	U
Endosulfan II	33213-65-9	2.4	4.8	24	0.00176	U	0.00163	U
Endosulfan sulfate	1031-07-8	2.4	4.8	24	0.000732	U	0.000678	U
Methoxychlor	72-43-5				0.0033	U	0.00305	U
Toxaphene	8001-35-2				0.033	U	0.0305	U
cis-Chlordane	5103-71-9	0.094	0.91	2.9	0.0022	U	0.000916	J
trans-Chlordane	5103-74-2				0.0022	U	0.00126	JIP
Chlordane	57-74-9				0.0146	U	0.0136	U
Polychlorinated Biphenyls by GC								
Aroclor 1016	12674-11-2	0.1	1	1	0.0361	U	0.0336	U
Aroclor 1221	11104-28-2	0.1	1	1	0.0361	U	0.0336	U
Aroclor 1232	11141-16-5	0.1	1	1	0.0361	U	0.0336	U
Aroclor 1242	53469-21-9	0.1	1	1	0.0361	U	0.0336	U
Aroclor 1248	12672-29-6	0.1	1	1	0.0361	U	0.0336	U
Aroclor 1254	11097-69-1	0.1	1	1	0.0361	U	0.00606	J
Aroclor 1260	11096-82-5	0.1	1	1	0.0361	U	0.0336	U
Aroclor 1262	37324-23-5	0.1	1	1	0.0361	U	0.0336	U
Aroclor 1268	11100-14-4	0.1	1	1	0.0361	U	0.0336	U
PCBs, Total	1336-36-3	0.1	1	1	0.0361	U	0.00606	J
Semivolatile Organics by GC/MS								
Acenaphthene	83-32-9	20	98	98	0.15	U	0.14	U
1,2,4-Trichlorobenzene	120-82-1				0.19	U	0.17	U
Hexachlorobenzene	118-74-1	0.33	0.33	1.2	0.11	U	0.1	U
Bis(2-chloroethyl)ether	111-44-4				0.17	U	0.15	U
2-Chloronaphthalene	91-58-7				0.19	U	0.17	U
1,2-Dichlorobenzene	95-50-1	1.1	1.1	1.1	0.19	U	0.17	U
1,3-Dichlorobenzene	541-73-1	2.4	2.4	2.4	0.19	U	0.17	U
1,4-Dichlorobenzene	106-46-7	1.8	1.8	1.8	0.19	U	0.17	U
3,3'-Dichlorobenzidine	91-94-1				0.19	U	0.17	U
2,4-Dinitrotoluene	121-14-2				0.19	U	0.17	U
2,6-Dinitrotoluene	606-20-2				0.19	U	0.17	U
Fluoranthene	206-44-0	100	100	100	0.044	J	0.084	J
4-Chlorophenyl phenyl ether	7005-72-3				0.19	U	0.17	U
4-Bromophenyl phenyl ether	101-55-3				0.19	U	0.17	U
Bis(2-chloroisopropyl)ether	108-60-1				0.23	U	0.21	U



Table 3.
Summary of Soil Sample Results
32, 36, and 38 Main Street, and
1 and 3 Riverdale Ave. Yonkers, NY

LOCATION		SB-2 (6.5-7)					SB-3 (2-2.5')	
SAMPLING DATE		5/26/2021					5/25/2021	
LAB SAMPLE ID		L2128683-02					L2127789-03	
SAMPLE TYPE		SOIL					SOIL	
SAMPLE DEPTH (ft.)								
	CasNum	USCO	RSCO	RRSCO	Results	Qual	Results	Qual
Bis(2-chloroethoxy)methane	111-91-1				0.2	U	0.18	U
Hexachlorobutadiene	87-68-3				0.19	U	0.17	U
Hexachlorocyclopentadiene	77-47-4				0.54	U	0.49	U
Hexachloroethane	67-72-1				0.15	U	0.14	U
Isophorone	78-59-1				0.17	U	0.15	U
Naphthalene	91-20-3	12	12	12	0.19	U	0.17	U
Nitrobenzene	98-95-3				0.17	U	0.15	U
NDPA/DPA	86-30-6				0.15	U	0.14	U
n-Nitrosodi-n-propylamine	621-64-7				0.19	U	0.17	U
Bis(2-ethylhexyl)phthalate	117-81-7				0.19	U	0.17	U
Butyl benzyl phthalate	85-68-7				0.19	U	0.17	U
Di-n-butylphthalate	84-74-2				0.19	U	0.17	U
Di-n-octylphthalate	117-84-0				0.19	U	0.17	U
Diethyl phthalate	84-66-2				0.19	U	0.17	U
Dimethyl phthalate	131-11-3				0.19	U	0.17	U
Benzo(a)anthracene	56-55-3	1	1	1	0.036	J	0.054	J
Benzo(a)pyrene	50-32-8	1	1	1	0.15	U	0.058	J
Benzo(b)fluoranthene	205-99-2	1	1	1	0.036	J	0.076	J
Benzo(k)fluoranthene	207-08-9	0.8	1	1.7	0.11	U	0.1	U
Chrysene	218-01-9	1	1	1	0.032	J	0.056	J
Acenaphthylene	208-96-8	100	100	100	0.15	U	0.14	U
Anthracene	120-12-7	100	100	100	0.064	J	0.1	U
Benzo(ghi)perylene	191-24-2	100	100	100	0.16		0.046	J
Fluorene	86-73-7	30	100	100	0.19	U	0.17	U
Phenanthrene	85-01-8	100	100	100	0.03	J	0.041	J
Dibenzo(a,h)anthracene	53-70-3	0.33	0.33	0.33	0.11	U	0.1	U
Indeno(1,2,3-cd)pyrene	193-39-5	0.5	0.5	0.5	0.055	J	0.047	J
Pyrene	129-00-0	100	100	100	0.04	J	0.077	J
Biphenyl	92-52-4				0.43	U	0.39	U
4-Chloroaniline	106-47-8				0.19	U	0.17	U
2-Nitroaniline	88-74-4				0.19	U	0.17	U
3-Nitroaniline	99-09-2				0.19	U	0.17	U
4-Nitroaniline	100-01-6				0.19	U	0.17	U
Dibenzofuran	132-64-9	7	14	59	0.19	U	0.17	U
2-Methylnaphthalene	91-57-6				0.23	U	0.21	U
1,2,4,5-Tetrachlorobenzene	95-94-3				0.19	U	0.17	U
Acetophenone	98-86-2				0.19	U	0.17	U
2,4,6-Trichlorophenol	88-06-2				0.11	U	0.1	U
p-Chloro-m-cresol	59-50-7				0.19	U	0.17	U
2-Chlorophenol	95-57-8				0.19	U	0.17	U
2,4-Dichlorophenol	120-83-2				0.17	U	0.15	U
2,4-Dimethylphenol	105-67-9				0.19	U	0.17	U
2-Nitrophenol	88-75-5				0.41	U	0.37	U
4-Nitrophenol	100-02-7				0.26	U	0.24	U
2,4-Dinitrophenol	51-28-5				0.9	U	0.83	U
4,6-Dinitro-o-cresol	534-52-1				0.49	U	0.45	U
Pentachlorophenol	87-86-5	0.8	0.8	0.8	0.15	U	0.14	U
Phenol	108-95-2	0.33	0.33	0.33	0.19	U	0.17	U
2-Methylphenol	95-48-7	0.33	0.33	0.33	0.19	U	0.17	U
3-Methylphenol/4-Methylphenol	108-39-4/106-44-5	0.33	0.33	0.33	0.27	U	0.25	U
2,4,5-Trichlorophenol	95-95-4				0.19	U	0.17	U
Benzoic Acid	65-85-0				0.61	U	0.56	U
Benzyl Alcohol	100-51-6				0.19	U	0.17	U



Table 3.
Summary of Soil Sample Results
32, 36, and 38 Main Street, and
1 and 3 Riverdale Ave. Yonkers, NY

LOCATION		SB-2 (6.5-7)					SB-3 (2-2.5')	
SAMPLING DATE		5/26/2021					5/25/2021	
LAB SAMPLE ID		L2128683-02					L2127789-03	
SAMPLE TYPE		SOIL					SOIL	
SAMPLE DEPTH (ft.)								
	CasNum	USCO	RSCO	RRSCO	Results	Qual	Results	Qual
Carbazole	86-74-8				0.19	U	0.17	U
1,4-Dioxane	123-91-1	0.1	0.1	0.1	0.028	U	0.026	U
Total Metals								
Aluminum, Total	7429-90-5				4180		6800	
Antimony, Total	7440-36-0				4.31	U	3.98	U
Arsenic, Total	7440-38-2	13	16	16	0.793	J	2.06	
Barium, Total	7440-39-3	350	350	400	20.3		53.2	
Beryllium, Total	7440-41-7	7.2	14	47	0.112	J	0.223	J
Cadmium, Total	7440-43-9	2.5	2.5	4.3	0.19	J	0.358	J
Calcium, Total	7440-70-2				2860		7230	
Chromium, Total	7440-47-3				12.6		19.9	
Cobalt, Total	7440-48-4				5.09		7.73	
Copper, Total	7440-50-8	50	270	270	17.8		30.3	
Iron, Total	7439-89-6				8500		14100	
Lead, Total	7439-92-1	63	400	400	5.66		25.3	
Magnesium, Total	7439-95-4				3830		5320	
Manganese, Total	7439-96-5	1600	2000	2000	152		264	
Mercury, Total	7439-97-6	0.18	0.73	0.73	0.073	U	0.066	U
Nickel, Total	7440-02-0	30	130	130	11.6		21	
Potassium, Total	7440-09-7				653		1470	
Selenium, Total	7782-49-2	3.9	4	4	1.72	U	1.59	U
Silver, Total	7440-22-4	2	8.3	8.3	0.862	U	0.796	U
Sodium, Total	7440-23-5				207		192	
Thallium, Total	7440-28-0				1.72	U	1.59	U
Vanadium, Total	7440-62-2				18.7		30.8	
Zinc, Total	7440-66-6	109	2200	2480	20.7		41.2	
Volatile Organics by EPA 5035								
Methylene chloride	75-09-2	0.05	0.05	0.05	0.0053	U	0.005	U
1,1-Dichloroethane	75-34-3	0.27	0.27	0.27	0.0011	U	0.00099	U
Chloroform	67-66-3	0.37	0.37	0.37	0.0016	U	0.00017	J
Carbon tetrachloride	56-23-5	0.76	0.76	0.76	0.0011	U	0.00099	U
1,2-Dichloropropane	78-87-5				0.0011	U	0.00099	U
Dibromochloromethane	124-48-1				0.0011	U	0.00099	U
1,1,2-Trichloroethane	79-00-5				0.0011	U	0.00099	U
Tetrachloroethene	127-18-4	1.3	1.3	1.3	0.00053	U	0.0005	U
Chlorobenzene	108-90-7	1.1	1.1	1.1	0.00053	U	0.0005	U
Trichlorofluoromethane	75-69-4				0.0043	U	0.004	U
1,2-Dichloroethane	107-06-2	0.02	0.02	0.02	0.0011	U	0.00099	U
1,1,1-Trichloroethane	71-55-6	0.68	0.68	0.68	0.00053	U	0.0005	U
Bromodichloromethane	75-27-4				0.00053	U	0.0005	U
trans-1,3-Dichloropropene	10061-02-6				0.0011	U	0.00099	U
cis-1,3-Dichloropropene	10061-01-5				0.00053	U	0.0005	U
1,3-Dichloropropene, Total	542-75-6				0.00053	U	0.0005	U
1,1-Dichloropropene	563-58-6				0.00053	U	0.0005	U
Bromoform	75-25-2				0.0043	U	0.004	U
1,1,2,2-Tetrachloroethane	79-34-5				0.00053	U	0.0005	U
Benzene	71-43-2	0.06	0.06	0.06	0.00053	U	0.0005	U
Toluene	108-88-3	0.7	0.7	0.7	0.0011	U	0.00099	U
Ethylbenzene	100-41-4	1	1	1	0.0011	U	0.00099	U
Chloromethane	74-87-3				0.0043	U	0.004	U
Bromomethane	74-83-9				0.0021	U	0.002	U
Vinyl chloride	75-01-4	0.02	0.02	0.02	0.0011	U	0.00099	U
Chloroethane	75-00-3				0.0021	U	0.002	U



Table 3.
Summary of Soil Sample Results
32, 36, and 38 Main Street, and
1 and 3 Riverdale Ave. Yonkers, NY

LOCATION		SB-2 (6.5-7)					SB-3 (2-2.5')			
SAMPLING DATE		5/26/2021					5/25/2021			
LAB SAMPLE ID		L2128683-02					L2127789-03			
SAMPLE TYPE		SOIL					SOIL			
SAMPLE DEPTH (ft.)										
		CasNum	USCO	RSCO	RRSCO	Results	Qual	Results	Qual	
1,1-Dichloroethene	75-35-4	0.33	0.33	0.33	0.0011	U	0.00099	U		
trans-1,2-Dichloroethene	156-60-5	0.19	0.19	0.19	0.0016	U	0.0015	U		
Trichloroethene	79-01-6	0.47	0.47	0.47	0.00053	U	0.0005	U		
1,2-Dichlorobenzene	95-50-1	1.1	1.1	1.1	0.0021	U	0.002	U		
1,3-Dichlorobenzene	541-73-1	2.4	2.4	2.4	0.0021	U	0.002	U		
1,4-Dichlorobenzene	106-46-7	1.8	1.8	1.8	0.0021	U	0.002	U		
Methyl tert butyl ether	1634-04-4	0.93	0.93	0.93	0.0021	U	0.002	U		
p/m-Xylene	179601-23-1				0.0021	U	0.002	U		
o-Xylene	95-47-6				0.0011	U	0.00099	U		
Xylenes, Total	1330-20-7	0.26	1.6	1.6	0.0011	U	0.00099	U		
cis-1,2-Dichloroethene	156-59-2	0.25	0.25	0.25	0.0011	U	0.00099	U		
1,2-Dichloroethene, Total	540-59-0				0.0011	U	0.00099	U		
Dibromomethane	74-95-3				0.0021	U	0.002	U		
Styrene	100-42-5				0.0011	U	0.00099	U		
Dichlorodifluoromethane	75-71-8				0.011	U	0.0099	U		
Acetone	67-64-1	0.05	0.05	0.05	0.0088	J	0.0099	U		
Carbon disulfide	75-15-0				0.011	U	0.0099	U		
2-Butanone	78-93-3	0.12	0.12	0.12	0.011	U	0.0099	U		
Vinyl acetate	108-05-4				0.011	U	0.0099	U		
4-Methyl-2-pentanone	108-10-1				0.011	U	0.0099	U		
1,2,3-Trichloropropane	96-18-4				0.0021	U	0.002	U		
2-Hexanone	591-78-6				0.011	U	0.0099	U		
Bromochloromethane	74-97-5				0.0021	U	0.002	U		
2,2-Dichloropropane	594-20-7				0.0021	U	0.002	U		
1,2-Dibromoethane	106-93-4				0.0011	U	0.00099	U		
1,3-Dichloropropane	142-28-9				0.0021	U	0.002	U		
1,1,1,2-Tetrachloroethane	630-20-6				0.00053	U	0.0005	U		
Bromobenzene	108-86-1				0.0021	U	0.002	U		
n-Butylbenzene	104-51-8	12	12	12	0.0011	U	0.00099	U		
sec-Butylbenzene	135-98-8	11	11	11	0.0011	U	0.00099	U		
tert-Butylbenzene	98-06-6	5.9	5.9	5.9	0.0021	U	0.002	U		
o-Chlorotoluene	95-49-8				0.0021	U	0.002	U		
p-Chlorotoluene	106-43-4				0.0021	U	0.002	U		
1,2-Dibromo-3-chloropropane	96-12-8				0.0032	U	0.003	U		
Hexachlorobutadiene	87-68-3				0.0043	U	0.004	U		
Isopropylbenzene	98-82-8				0.0011	U	0.00099	U		
p-Isopropyltoluene	99-87-6				0.0011	U	0.00099	U		
Naphthalene	91-20-3	12	12	12	0.0043	U	0.004	U		
Acrylonitrile	107-13-1				0.0043	U	0.004	U		
n-Propylbenzene	103-65-1	3.9	3.9	3.9	0.0011	U	0.00099	U		
1,2,3-Trichlorobenzene	87-61-6				0.0021	U	0.002	U		
1,2,4-Trichlorobenzene	120-82-1				0.0021	U	0.002	U		
1,3,5-Trimethylbenzene	108-67-8	8.4	8.4	8.4	0.0021	U	0.002	U		
1,2,4-Trimethylbenzene	95-63-6	3.6	3.6	3.6	0.0021	U	0.002	U		
1,4-Dioxane	123-91-1	0.1	0.1	0.1	0.085	U	0.079	U		
p-Diethylbenzene	105-05-5				0.0021	U	0.002	U		
p-Ethyltoluene	622-96-8				0.0021	U	0.002	U		
1,2,4,5-Tetramethylbenzene	95-93-2				0.0021	U	0.002	U		
Ethyl ether	60-29-7				0.0021	U	0.002	U		
trans-1,4-Dichloro-2-butene	110-57-6				0.0053	U	0.005	U		

* Comparison is not performed on parameters with non-numeric criteria.



**Table 3.
Summary of Soil Sample Results
32, 36, and 38 Main Street, and
1 and 3 Riverdale Ave. Yonkers, NY**

LOCATION					SB-2 (6.5-7)		SB-3 (2-2.5')		
SAMPLING DATE					5/26/2021		5/25/2021		
LAB SAMPLE ID					L2128683-02		L2127789-03		
SAMPLE TYPE					SOIL		SOIL		
SAMPLE DEPTH (ft.)									
		CasNum	USCO	RSCO	RRSCO	Results	Qual	Results	Qual

RRSCO: New York DER-10 Restricted Residential Use Allowable Constituent Levels

RSCO: New York DER-10 Restricted Use Allowable Constituent Levels for Imported I

USCO: New York DER-10 Unrestricted Use Allowable Constituent Levels for Importe

Table 3.5

Summary of Soil Vapor Sample Results

32, 36, and 38 Main Street, and

1 and 3 Riverdale Ave. Yonkers, NY

Table 3.
Summary of Soil Sample Results
32, 36, and 38 Main Street, and
1 and 3 Riverdale Ave. Yonkers, NY

LOCATION		SB-3 (5.5-6')					SB-3 (5.5-6')		
SAMPLING DATE		5/25/2021					5/25/2021		
LAB SAMPLE ID		L2127789-04					L2127789-04 R1		
SAMPLE TYPE		SOIL					SOIL		
SAMPLE DEPTH (ft.)									
		CasNum	USCO	RSCO	RRSCO	Results	Qual	Results	Qual
General Chemistry									
	Solids, Total	NONE				95.1		-	-
	Cyanide, Total	57-12-5	27	27	27	0.96	U	-	-
Organochlorine Pesticides by GC									
	Delta-BHC	319-86-8	0.04	0.25	0.25	0.00164	U	-	-
	Lindane	58-89-9	0.1	0.1	0.1	0.000685	U	-	-
	Alpha-BHC	319-84-6	0.02	0.02	0.02	0.000685	U	-	-
	Beta-BHC	319-85-7	0.036	0.072	0.09	0.00164	U	-	-
	Heptachlor	76-44-8	0.042	0.38	0.38	0.000822	U	-	-
	Aldrin	309-00-2	0.005	0.019	0.097	0.00164	U	-	-
	Heptachlor epoxide	1024-57-3				0.00308	U	-	-
	Endrin	72-20-8	0.014	0.06	0.06	0.000685	U	-	-
	Endrin aldehyde	7421-93-4				0.00206	U	-	-
	Endrin ketone	53494-70-5				0.00164	U	-	-
	Dieldrin	60-57-1	0.005	0.039	0.1	0.00103	U	-	-
	4,4'-DDE	72-55-9	0.0033	1.8	8.9	0.00431		-	-
	4,4'-DDD	72-54-8	0.0033	2.6	13	0.00164	U	-	-
	4,4'-DDT	50-29-3	0.0033	1.7	7.9	0.00308	U	-	-
	Endosulfan I	959-98-8	2.4	4.8	24	0.00164	U	-	-
	Endosulfan II	33213-65-9	2.4	4.8	24	0.00164	U	-	-
	Endosulfan sulfate	1031-07-8	2.4	4.8	24	0.000685	U	-	-
	Methoxychlor	72-43-5				0.00308	U	-	-
	Toxaphene	8001-35-2				0.0308	U	-	-
	cis-Chlordane	5103-71-9	0.094	0.91	2.9	0.00382	IP	-	-
	trans-Chlordane	5103-74-2				0.00383	IP	-	-
	Chlordane	57-74-9				0.0137	U	-	-
Polychlorinated Biphenyls by GC									
	Aroclor 1016	12674-11-2	0.1	1	1	0.034	U	-	-
	Aroclor 1221	11104-28-2	0.1	1	1	0.034	U	-	-
	Aroclor 1232	11141-16-5	0.1	1	1	0.034	U	-	-
	Aroclor 1242	53469-21-9	0.1	1	1	0.034	U	-	-
	Aroclor 1248	12672-29-6	0.1	1	1	0.034	U	-	-
	Aroclor 1254	11097-69-1	0.1	1	1	0.034	U	-	-
	Aroclor 1260	11096-82-5	0.1	1	1	0.034	U	-	-
	Aroclor 1262	37324-23-5	0.1	1	1	0.034	U	-	-
	Aroclor 1268	11100-14-4	0.1	1	1	0.034	U	-	-
	PCBs, Total	1336-36-3	0.1	1	1	0.034	U	-	-
Semivolatile Organics by GC/MS									
	Acenaphthene	83-32-9	20	98	98	1.6		-	-
	1,2,4-Trichlorobenzene	120-82-1				0.17	U	-	-
	Hexachlorobenzene	118-74-1	0.33	0.33	1.2	0.1	U	-	-
	Bis(2-chloroethyl)ether	111-44-4				0.15	U	-	-
	2-Chloronaphthalene	91-58-7				0.17	U	-	-
	1,2-Dichlorobenzene	95-50-1	1.1	1.1	1.1	0.04	J	-	-
	1,3-Dichlorobenzene	541-73-1	2.4	2.4	2.4	0.17	U	-	-
	1,4-Dichlorobenzene	106-46-7	1.8	1.8	1.8	0.17	U	-	-
	3,3'-Dichlorobenzidine	91-94-1				0.17	U	-	-
	2,4-Dinitrotoluene	121-14-2				0.17	U	-	-
	2,6-Dinitrotoluene	606-20-2				0.17	U	-	-
	Fluoranthene	206-44-0	100	100	100	26	E	22	
	4-Chlorophenyl phenyl ether	7005-72-3				0.17	U	-	-
	4-Bromophenyl phenyl ether	101-55-3				0.17	U	-	-
	Bis(2-chloroisopropyl)ether	108-60-1				0.21	U	-	-



Table 3.
Summary of Soil Sample Results
32, 36, and 38 Main Street, and
1 and 3 Riverdale Ave. Yonkers, NY

LOCATION		SB-3 (5.5-6')					SB-3 (5.5-6')	
SAMPLING DATE		5/25/2021					5/25/2021	
LAB SAMPLE ID		L2127789-04					L2127789-04 R1	
SAMPLE TYPE		SOIL					SOIL	
SAMPLE DEPTH (ft.)								
	CasNum	USCO	RSCO	RRSCO	Results	Qual	Results	Qual
Bis(2-chloroethoxy)methane	111-91-1				0.18	U	-	-
Hexachlorobutadiene	87-68-3				0.17	U	-	-
Hexachlorocyclopentadiene	77-47-4				0.49	U	-	-
Hexachloroethane	67-72-1				0.14	U	-	-
Isophorone	78-59-1				0.15	U	-	-
Naphthalene	91-20-3	12	12	12	0.74		-	-
Nitrobenzene	98-95-3				0.15	U	-	-
NDPA/DPA	86-30-6				0.14	U	-	-
n-Nitrosodi-n-propylamine	621-64-7				0.17	U	-	-
Bis(2-ethylhexyl)phthalate	117-81-7				0.098	J	-	-
Butyl benzyl phthalate	85-68-7				0.14	J	-	-
Di-n-butylphthalate	84-74-2				0.17	U	-	-
Di-n-octylphthalate	117-84-0				0.17	U	-	-
Diethyl phthalate	84-66-2				0.17	U	-	-
Dimethyl phthalate	131-11-3				0.17	U	-	-
Benzo(a)anthracene	56-55-3	1	1	1	12	E	11	
Benzo(a)pyrene	50-32-8	1	1	1	11	E	8.5	
Benzo(b)fluoranthene	205-99-2	1	1	1	13	E	11	
Benzo(k)fluoranthene	207-08-9	0.8	1	1.7	3.8		-	-
Chrysene	218-01-9	1	1	1	10	E	9.1	
Acenaphthylene	208-96-8	100	100	100	1.6		-	-
Anthracene	120-12-7	100	100	100	5.9		-	-
Benzo(ghi)perylene	191-24-2	100	100	100	5		-	-
Fluorene	86-73-7	30	100	100	2.5		-	-
Phenanthrene	85-01-8	100	100	100	22	E	20	
Dibenzo(a,h)anthracene	53-70-3	0.33	0.33	0.33	1.5		-	-
Indeno(1,2,3-cd)pyrene	193-39-5	0.5	0.5	0.5	6.2		-	-
Pyrene	129-00-0	100	100	100	21	E	18	
Biphenyl	92-52-4				0.24	J	-	-
4-Chloroaniline	106-47-8				0.17	U	-	-
2-Nitroaniline	88-74-4				0.17	U	-	-
3-Nitroaniline	99-09-2				0.17	U	-	-
4-Nitroaniline	100-01-6				0.17	U	-	-
Dibenzofuran	132-64-9	7	14	59	1.8		-	-
2-Methylnaphthalene	91-57-6				0.36		-	-
1,2,4,5-Tetrachlorobenzene	95-94-3				0.17	U	-	-
Acetophenone	98-86-2				0.17	U	-	-
2,4,6-Trichlorophenol	88-06-2				0.1	U	-	-
p-Chloro-m-cresol	59-50-7				0.17	U	-	-
2-Chlorophenol	95-57-8				0.17	U	-	-
2,4-Dichlorophenol	120-83-2				0.15	U	-	-
2,4-Dimethylphenol	105-67-9				0.17	U	-	-
2-Nitrophenol	88-75-5				0.37	U	-	-
4-Nitrophenol	100-02-7				0.24	U	-	-
2,4-Dinitrophenol	51-28-5				0.82	U	-	-
4,6-Dinitro-o-cresol	534-52-1				0.45	U	-	-
Pentachlorophenol	87-86-5	0.8	0.8	0.8	0.14	U	-	-
Phenol	108-95-2	0.33	0.33	0.33	0.1	J	-	-
2-Methylphenol	95-48-7	0.33	0.33	0.33	0.034	J	-	-
3-Methylphenol/4-Methylphenol	108-39-4/106-44-5	0.33	0.33	0.33	0.12	J	-	-
2,4,5-Trichlorophenol	95-95-4				0.17	U	-	-
Benzoic Acid	65-85-0				0.56	U	-	-
Benzyl Alcohol	100-51-6				0.17	U	-	-



Table 3.
Summary of Soil Sample Results
32, 36, and 38 Main Street, and
1 and 3 Riverdale Ave. Yonkers, NY

LOCATION		SB-3 (5.5-6')					SB-3 (5.5-6')	
SAMPLING DATE		5/25/2021					5/25/2021	
LAB SAMPLE ID		L2127789-04					L2127789-04 R1	
SAMPLE TYPE		SOIL					SOIL	
SAMPLE DEPTH (ft.)								
	CasNum	USCO	RSCO	RRSCO	Results	Qual	Results	Qual
Carbazole	86-74-8				1.4		-	-
1,4-Dioxane	123-91-1	0.1	0.1	0.1	0.026	U	-	-
Total Metals								
Aluminum, Total	7429-90-5				6530		-	-
Antimony, Total	7440-36-0				4.01	U	-	-
Arsenic, Total	7440-38-2	13	16	16	3.83		-	-
Barium, Total	7440-39-3	350	350	400	108		-	-
Beryllium, Total	7440-41-7	7.2	14	47	0.273	J	-	-
Cadmium, Total	7440-43-9	2.5	2.5	4.3	0.602	J	-	-
Calcium, Total	7440-70-2				22900		-	-
Chromium, Total	7440-47-3				14.4		-	-
Cobalt, Total	7440-48-4				5.77		-	-
Copper, Total	7440-50-8	50	270	270	28.3		-	-
Iron, Total	7439-89-6				12400		-	-
Lead, Total	7439-92-1	63	400	400	213		-	-
Magnesium, Total	7439-95-4				11400		-	-
Manganese, Total	7439-96-5	1600	2000	2000	276		-	-
Mercury, Total	7439-97-6	0.18	0.73	0.73	0.258		-	-
Nickel, Total	7440-02-0	30	130	130	13.8		-	-
Potassium, Total	7440-09-7				1110		-	-
Selenium, Total	7782-49-2	3.9	4	4	0.377	J	-	-
Silver, Total	7440-22-4	2	8.3	8.3	0.803	U	-	-
Sodium, Total	7440-23-5				177		-	-
Thallium, Total	7440-28-0				1.6	U	-	-
Vanadium, Total	7440-62-2				25		-	-
Zinc, Total	7440-66-6	109	2200	2480	132		-	-
Volatile Organics by EPA 5035								
Methylene chloride	75-09-2	0.05	0.05	0.05	0.0047	U	-	-
1,1-Dichloroethane	75-34-3	0.27	0.27	0.27	0.00094	U	-	-
Chloroform	67-66-3	0.37	0.37	0.37	0.0014	U	-	-
Carbon tetrachloride	56-23-5	0.76	0.76	0.76	0.00094	U	-	-
1,2-Dichloropropane	78-87-5				0.00094	U	-	-
Dibromochloromethane	124-48-1				0.00094	U	-	-
1,1,2-Trichloroethane	79-00-5				0.00094	U	-	-
Tetrachloroethene	127-18-4	1.3	1.3	1.3	0.00047	U	-	-
Chlorobenzene	108-90-7	1.1	1.1	1.1	0.00047	U	-	-
Trichlorofluoromethane	75-69-4				0.0038	U	-	-
1,2-Dichloroethane	107-06-2	0.02	0.02	0.02	0.00094	U	-	-
1,1,1-Trichloroethane	71-55-6	0.68	0.68	0.68	0.00047	U	-	-
Bromodichloromethane	75-27-4				0.00047	U	-	-
trans-1,3-Dichloropropene	10061-02-6				0.00094	U	-	-
cis-1,3-Dichloropropene	10061-01-5				0.00047	U	-	-
1,3-Dichloropropene, Total	542-75-6				0.00047	U	-	-
1,1-Dichloropropene	563-58-6				0.00047	U	-	-
Bromoform	75-25-2				0.0038	U	-	-
1,1,2,2-Tetrachloroethane	79-34-5				0.00047	U	-	-
Benzene	71-43-2	0.06	0.06	0.06	0.00047	U	-	-
Toluene	108-88-3	0.7	0.7	0.7	0.00094	U	-	-
Ethylbenzene	100-41-4	1	1	1	0.00094	U	-	-
Chloromethane	74-87-3				0.0038	U	-	-
Bromomethane	74-83-9				0.0019	U	-	-
Vinyl chloride	75-01-4	0.02	0.02	0.02	0.00094	U	-	-
Chloroethane	75-00-3				0.0019	U	-	-



Table 3.
Summary of Soil Sample Results
32, 36, and 38 Main Street, and
1 and 3 Riverdale Ave. Yonkers, NY

LOCATION		SB-3 (5.5-6')					SB-3 (5.5-6')	
SAMPLING DATE		5/25/2021					5/25/2021	
LAB SAMPLE ID		L2127789-04					L2127789-04 R1	
SAMPLE TYPE		SOIL					SOIL	
SAMPLE DEPTH (ft.)								
	CasNum	USCO	RSCO	RRSCO	Results	Qual	Results	Qual
1,1-Dichloroethene	75-35-4	0.33	0.33	0.33	0.00094	U	-	-
trans-1,2-Dichloroethene	156-60-5	0.19	0.19	0.19	0.0014	U	-	-
Trichloroethene	79-01-6	0.47	0.47	0.47	0.00047	U	-	-
1,2-Dichlorobenzene	95-50-1	1.1	1.1	1.1	0.0019	U	-	-
1,3-Dichlorobenzene	541-73-1	2.4	2.4	2.4	0.0019	U	-	-
1,4-Dichlorobenzene	106-46-7	1.8	1.8	1.8	0.0019	U	-	-
Methyl tert butyl ether	1634-04-4	0.93	0.93	0.93	0.0019	U	-	-
p/m-Xylene	179601-23-1				0.0019	U	-	-
o-Xylene	95-47-6				0.00094	U	-	-
Xylenes, Total	1330-20-7	0.26	1.6	1.6	0.00094	U	-	-
cis-1,2-Dichloroethene	156-59-2	0.25	0.25	0.25	0.00094	U	-	-
1,2-Dichloroethene, Total	540-59-0				0.00094	U	-	-
Dibromomethane	74-95-3				0.0019	U	-	-
Styrene	100-42-5				0.00094	U	-	-
Dichlorodifluoromethane	75-71-8				0.0094	U	-	-
Acetone	67-64-1	0.05	0.05	0.05	0.0094	U	-	-
Carbon disulfide	75-15-0				0.0094	U	-	-
2-Butanone	78-93-3	0.12	0.12	0.12	0.0094	U	-	-
Vinyl acetate	108-05-4				0.0094	U	-	-
4-Methyl-2-pentanone	108-10-1				0.0094	U	-	-
1,2,3-Trichloropropane	96-18-4				0.0019	U	-	-
2-Hexanone	591-78-6				0.0094	U	-	-
Bromochloromethane	74-97-5				0.0019	U	-	-
2,2-Dichloropropane	594-20-7				0.0019	U	-	-
1,2-Dibromoethane	106-93-4				0.00094	U	-	-
1,3-Dichloropropane	142-28-9				0.0019	U	-	-
1,1,1,2-Tetrachloroethane	630-20-6				0.00047	U	-	-
Bromobenzene	108-86-1				0.0019	U	-	-
n-Butylbenzene	104-51-8	12	12	12	0.00094	U	-	-
sec-Butylbenzene	135-98-8	11	11	11	0.00094	U	-	-
tert-Butylbenzene	98-06-6	5.9	5.9	5.9	0.0019	U	-	-
o-Chlorotoluene	95-49-8				0.0019	U	-	-
p-Chlorotoluene	106-43-4				0.0019	U	-	-
1,2-Dibromo-3-chloropropane	96-12-8				0.0028	U	-	-
Hexachlorobutadiene	87-68-3				0.0038	U	-	-
Isopropylbenzene	98-82-8				0.00094	U	-	-
p-Isopropyltoluene	99-87-6				0.00094	U	-	-
Naphthalene	91-20-3	12	12	12	0.0038	U	-	-
Acrylonitrile	107-13-1				0.0038	U	-	-
n-Propylbenzene	103-65-1	3.9	3.9	3.9	0.00094	U	-	-
1,2,3-Trichlorobenzene	87-61-6				0.0019	U	-	-
1,2,4-Trichlorobenzene	120-82-1				0.0019	U	-	-
1,3,5-Trimethylbenzene	108-67-8	8.4	8.4	8.4	0.0019	U	-	-
1,2,4-Trimethylbenzene	95-63-6	3.6	3.6	3.6	0.0019	U	-	-
1,4-Dioxane	123-91-1	0.1	0.1	0.1	0.076	U	-	-
p-Diethylbenzene	105-05-5				0.0019	U	-	-
p-Ethyltoluene	622-96-8				0.0019	U	-	-
1,2,4,5-Tetramethylbenzene	95-93-2				0.0019	U	-	-
Ethyl ether	60-29-7				0.0019	U	-	-
trans-1,4-Dichloro-2-butene	110-57-6				0.0047	U	-	-

* Comparison is not performed on parameters with non-numeric criteria.



**Table 3.
Summary of Soil Sample Results
32, 36, and 38 Main Street, and
1 and 3 Riverdale Ave. Yonkers, NY**

LOCATION					SB-3 (5.5-6')	SB-3 (5.5-6')			
SAMPLING DATE					5/25/2021	5/25/2021			
LAB SAMPLE ID					L2127789-04	L2127789-04 R1			
SAMPLE TYPE					SOIL	SOIL			
SAMPLE DEPTH (ft.)									
		CasNum	USCO	RSCO	RRSCO	Results	Qual	Results	Qual

RRSCO: New York DER-10 Restricted Residential Use Allowable Constituent Levels

RSCO: New York DER-10 Restricted Use Allowable Constituent Levels for Imported I

USCO: New York DER-10 Unrestricted Use Allowable Constituent Levels for Importe

Table 3.5

Summary of Soil Vapor Sample Results

32, 36, and 38 Main Street, and

1 and 3 Riverdale Ave. Yonkers, NY



Table 3.
Summary of Soil Sample Results
32, 36, and 38 Main Street, and
1 and 3 Riverdale Ave. Yonkers, NY

LOCATION		SB-4 (2.5-3)				SB-4 (5.5-6)			
SAMPLING DATE		5/26/2021				5/26/2021			
LAB SAMPLE ID		L2128683-03				L2128683-04			
SAMPLE TYPE		SOIL				SOIL			
SAMPLE DEPTH (ft.)									
		CasNum	USCO	RSCO	RRSCO	Results	Qual	Results	Qual
General Chemistry									
	Solids, Total	NONE				89		83.7	
	Cyanide, Total	57-12-5	27	27	27	1.1	U	1.2	U
Organochlorine Pesticides by GC									
	Delta-BHC	319-86-8	0.04	0.25	0.25	0.0018	U	0.00183	U
	Lindane	58-89-9	0.1	0.1	0.1	0.000748	U	0.000761	U
	Alpha-BHC	319-84-6	0.02	0.02	0.02	0.000748	U	0.000761	U
	Beta-BHC	319-85-7	0.036	0.072	0.09	0.0018	U	0.00183	U
	Heptachlor	76-44-8	0.042	0.38	0.38	0.00105	P	0.000914	U
	Aldrin	309-00-2	0.005	0.019	0.097	0.0018	U	0.00183	U
	Heptachlor epoxide	1024-57-3				0.00337	U	0.00343	U
	Endrin	72-20-8	0.014	0.06	0.06	0.000748	U	0.000761	U
	Endrin aldehyde	7421-93-4				0.00224	U	0.00228	U
	Endrin ketone	53494-70-5				0.0018	U	0.00183	U
	Dieldrin	60-57-1	0.005	0.039	0.1	0.00112	U	0.00114	U
	4,4'-DDE	72-55-9	0.0033	1.8	8.9	0.0018	U	0.00183	U
	4,4'-DDD	72-54-8	0.0033	2.6	13	0.0018	U	0.00183	U
	4,4'-DDT	50-29-3	0.0033	1.7	7.9	0.00337	U	0.00343	U
	Endosulfan I	959-98-8	2.4	4.8	24	0.0018	U	0.00183	U
	Endosulfan II	33213-65-9	2.4	4.8	24	0.0018	U	0.00183	U
	Endosulfan sulfate	1031-07-8	2.4	4.8	24	0.000748	U	0.000761	U
	Methoxychlor	72-43-5				0.00337	U	0.00343	U
	Toxaphene	8001-35-2				0.0337	U	0.0343	U
	cis-Chlordane	5103-71-9	0.094	0.91	2.9	0.0155		0.0181	
	trans-Chlordane	5103-74-2				0.0119		0.0136	
	Chlordane	57-74-9				0.0921		0.0896	
Polychlorinated Biphenyls by GC									
	Aroclor 1016	12674-11-2	0.1	1	1	0.0369	U	0.0377	U
	Aroclor 1221	11104-28-2	0.1	1	1	0.0369	U	0.0377	U
	Aroclor 1232	11141-16-5	0.1	1	1	0.0369	U	0.0377	U
	Aroclor 1242	53469-21-9	0.1	1	1	0.0369	U	0.0377	U
	Aroclor 1248	12672-29-6	0.1	1	1	0.0369	U	0.0377	U
	Aroclor 1254	11097-69-1	0.1	1	1	0.0294	J	0.0377	U
	Aroclor 1260	11096-82-5	0.1	1	1	0.00682	J	0.0377	U
	Aroclor 1262	37324-23-5	0.1	1	1	0.0369	U	0.0377	U
	Aroclor 1268	11100-14-4	0.1	1	1	0.0369	U	0.0377	U
	PCBs, Total	1336-36-3	0.1	1	1	0.0362	J	0.0377	U
Semivolatile Organics by GC/MS									
	Acenaphthene	83-32-9	20	98	98	0.1	J	0.078	J
	1,2,4-Trichlorobenzene	120-82-1				0.18	U	0.2	U
	Hexachlorobenzene	118-74-1	0.33	0.33	1.2	0.11	U	0.12	U
	Bis(2-chloroethyl)ether	111-44-4				0.16	U	0.18	U
	2-Chloronaphthalene	91-58-7				0.18	U	0.2	U
	1,2-Dichlorobenzene	95-50-1	1.1	1.1	1.1	0.18	U	0.2	U
	1,3-Dichlorobenzene	541-73-1	2.4	2.4	2.4	0.18	U	0.2	U
	1,4-Dichlorobenzene	106-46-7	1.8	1.8	1.8	0.18	U	0.2	U
	3,3'-Dichlorobenzidine	91-94-1				0.18	U	0.2	U
	2,4-Dinitrotoluene	121-14-2				0.18	U	0.2	U
	2,6-Dinitrotoluene	606-20-2				0.18	U	0.2	U
	Fluoranthene	206-44-0	100	100	100	2.9		3.2	
	4-Chlorophenyl phenyl ether	7005-72-3				0.18	U	0.2	U
	4-Bromophenyl phenyl ether	101-55-3				0.18	U	0.2	U
	Bis(2-chloroisopropyl)ether	108-60-1				0.22	U	0.24	U



Table 3.
Summary of Soil Sample Results
32, 36, and 38 Main Street, and
1 and 3 Riverdale Ave. Yonkers, NY

LOCATION		SB-4 (2.5-3)					SB-4 (5.5-6)	
SAMPLING DATE		5/26/2021					5/26/2021	
LAB SAMPLE ID		L2128683-03					L2128683-04	
SAMPLE TYPE		SOIL					SOIL	
SAMPLE DEPTH (ft.)								
	CasNum	USCO	RSCO	RRSCO	Results	Qual	Results	Qual
Bis(2-chloroethoxy)methane	111-91-1				0.2	U	0.21	U
Hexachlorobutadiene	87-68-3				0.18	U	0.2	U
Hexachlorocyclopentadiene	77-47-4				0.53	U	0.56	U
Hexachloroethane	67-72-1				0.15	U	0.16	U
Isophorone	78-59-1				0.16	U	0.18	U
Naphthalene	91-20-3	12	12	12	0.026	J	0.058	J
Nitrobenzene	98-95-3				0.16	U	0.18	U
NDPA/DPA	86-30-6				0.15	U	0.16	U
n-Nitrosodi-n-propylamine	621-64-7				0.18	U	0.2	U
Bis(2-ethylhexyl)phthalate	117-81-7				0.18	U	0.2	U
Butyl benzyl phthalate	85-68-7				0.18	U	0.085	J
Di-n-butylphthalate	84-74-2				0.18	U	0.2	U
Di-n-octylphthalate	117-84-0				0.18	U	0.2	U
Diethyl phthalate	84-66-2				0.18	U	0.2	U
Dimethyl phthalate	131-11-3				0.18	U	0.2	U
Benzo(a)anthracene	56-55-3	1	1	1	1.3		1.6	
Benzo(a)pyrene	50-32-8	1	1	1	1.2		1.5	
Benzo(b)fluoranthene	205-99-2	1	1	1	1.7		2.3	
Benzo(k)fluoranthene	207-08-9	0.8	1	1.7	0.54		0.6	
Chrysene	218-01-9	1	1	1	1.4		1.9	
Acenaphthylene	208-96-8	100	100	100	0.16		0.14	J
Anthracene	120-12-7	100	100	100	0.34		0.38	
Benzo(ghi)perylene	191-24-2	100	100	100	0.72		0.88	
Fluorene	86-73-7	30	100	100	0.12	J	0.1	J
Phenanthrene	85-01-8	100	100	100	1.7		1.8	
Dibenzo(a,h)anthracene	53-70-3	0.33	0.33	0.33	0.17		0.22	
Indeno(1,2,3-cd)pyrene	193-39-5	0.5	0.5	0.5	0.8		0.98	
Pyrene	129-00-0	100	100	100	2.5		2.9	
Biphenyl	92-52-4				0.42	U	0.45	U
4-Chloroaniline	106-47-8				0.18	U	0.2	U
2-Nitroaniline	88-74-4				0.18	U	0.2	U
3-Nitroaniline	99-09-2				0.18	U	0.2	U
4-Nitroaniline	100-01-6				0.18	U	0.2	U
Dibenzofuran	132-64-9	7	14	59	0.056	J	0.05	J
2-Methylnaphthalene	91-57-6				0.22	U	0.24	U
1,2,4,5-Tetrachlorobenzene	95-94-3				0.18	U	0.2	U
Acetophenone	98-86-2				0.18	U	0.2	U
2,4,6-Trichlorophenol	88-06-2				0.11	U	0.12	U
p-Chloro-m-cresol	59-50-7				0.18	U	0.2	U
2-Chlorophenol	95-57-8				0.18	U	0.2	U
2,4-Dichlorophenol	120-83-2				0.16	U	0.18	U
2,4-Dimethylphenol	105-67-9				0.18	U	0.2	U
2-Nitrophenol	88-75-5				0.4	U	0.43	U
4-Nitrophenol	100-02-7				0.26	U	0.28	U
2,4-Dinitrophenol	51-28-5				0.88	U	0.95	U
4,6-Dinitro-o-cresol	534-52-1				0.48	U	0.51	U
Pentachlorophenol	87-86-5	0.8	0.8	0.8	0.15	U	0.16	U
Phenol	108-95-2	0.33	0.33	0.33	0.18	U	0.2	U
2-Methylphenol	95-48-7	0.33	0.33	0.33	0.18	U	0.2	U
3-Methylphenol/4-Methylphenol	108-39-4/106-44-5	0.33	0.33	0.33	0.26	U	0.28	U
2,4,5-Trichlorophenol	95-95-4				0.18	U	0.2	U
Benzoic Acid	65-85-0				0.6	U	0.64	U
Benzyl Alcohol	100-51-6				0.18	U	0.2	U



Table 3.
Summary of Soil Sample Results
32, 36, and 38 Main Street, and
1 and 3 Riverdale Ave. Yonkers, NY

LOCATION		SB-4 (2.5-3)					SB-4 (5.5-6)	
SAMPLING DATE		5/26/2021					5/26/2021	
LAB SAMPLE ID		L2128683-03					L2128683-04	
SAMPLE TYPE		SOIL					SOIL	
SAMPLE DEPTH (ft.)								
	CasNum	USCO	RSCO	RRSCO	Results	Qual	Results	Qual
Carbazole	86-74-8				0.14	J	0.16	J
1,4-Dioxane	123-91-1	0.1	0.1	0.1	0.028	U	0.03	U
Total Metals								
Aluminum, Total	7429-90-5				3860		8020	
Antimony, Total	7440-36-0				4.32	U	4.64	U
Arsenic, Total	7440-38-2	13	16	16	3.95		3.6	
Barium, Total	7440-39-3	350	350	400	181		172	
Beryllium, Total	7440-41-7	7.2	14	47	0.233	J	0.371	J
Cadmium, Total	7440-43-9	2.5	2.5	4.3	0.648	J	0.362	J
Calcium, Total	7440-70-2				17000		79600	
Chromium, Total	7440-47-3				6.06		19.9	
Cobalt, Total	7440-48-4				2.06		4.08	
Copper, Total	7440-50-8	50	270	270	8.48		22.8	
Iron, Total	7439-89-6				5710		7690	
Lead, Total	7439-92-1	63	400	400	258		189	
Magnesium, Total	7439-95-4				5810		4660	
Manganese, Total	7439-96-5	1600	2000	2000	135		153	
Mercury, Total	7439-97-6	0.18	0.73	0.73	0.215		0.238	
Nickel, Total	7440-02-0	30	130	130	4.41		9.32	
Potassium, Total	7440-09-7				532		1910	
Selenium, Total	7782-49-2	3.9	4	4	0.588	J	1.04	J
Silver, Total	7440-22-4	2	8.3	8.3	0.864	U	0.928	U
Sodium, Total	7440-23-5				436		639	
Thallium, Total	7440-28-0				1.73	U	1.86	U
Vanadium, Total	7440-62-2				14.8		16.6	
Zinc, Total	7440-66-6	109	2200	2480	235		120	
Volatile Organics by EPA 5035								
Methylene chloride	75-09-2	0.05	0.05	0.05	0.0066	U	0.0081	U
1,1-Dichloroethane	75-34-3	0.27	0.27	0.27	0.0013	U	0.0016	U
Chloroform	67-66-3	0.37	0.37	0.37	0.002	U	0.0024	U
Carbon tetrachloride	56-23-5	0.76	0.76	0.76	0.0013	U	0.0016	U
1,2-Dichloropropane	78-87-5				0.0013	U	0.0016	U
Dibromochloromethane	124-48-1				0.0013	U	0.0016	U
1,1,2-Trichloroethane	79-00-5				0.0013	U	0.0016	U
Tetrachloroethene	127-18-4	1.3	1.3	1.3	0.00066	U	0.00081	U
Chlorobenzene	108-90-7	1.1	1.1	1.1	0.00066	U	0.00081	U
Trichlorofluoromethane	75-69-4				0.0053	U	0.0065	U
1,2-Dichloroethane	107-06-2	0.02	0.02	0.02	0.0013	U	0.0016	U
1,1,1-Trichloroethane	71-55-6	0.68	0.68	0.68	0.00066	U	0.00081	U
Bromodichloromethane	75-27-4				0.00066	U	0.00081	U
trans-1,3-Dichloropropene	10061-02-6				0.0013	U	0.0016	U
cis-1,3-Dichloropropene	10061-01-5				0.00066	U	0.00081	U
1,3-Dichloropropene, Total	542-75-6				0.00066	U	0.00081	U
1,1-Dichloropropene	563-58-6				0.00066	U	0.00081	U
Bromoform	75-25-2				0.0053	U	0.0065	U
1,1,2,2-Tetrachloroethane	79-34-5				0.00066	U	0.00081	U
Benzene	71-43-2	0.06	0.06	0.06	0.00066	U	0.00081	U
Toluene	108-88-3	0.7	0.7	0.7	0.0013	U	0.0016	U
Ethylbenzene	100-41-4	1	1	1	0.0013	U	0.0016	U
Chloromethane	74-87-3				0.0053	U	0.0065	U
Bromomethane	74-83-9				0.0026	U	0.0032	U
Vinyl chloride	75-01-4	0.02	0.02	0.02	0.0013	U	0.0016	U
Chloroethane	75-00-3				0.0026	U	0.0032	U



Table 3.
Summary of Soil Sample Results
32, 36, and 38 Main Street, and
1 and 3 Riverdale Ave. Yonkers, NY

LOCATION		SB-4 (2.5-3)					SB-4 (5.5-6)			
SAMPLING DATE		5/26/2021					5/26/2021			
LAB SAMPLE ID		L2128683-03					L2128683-04			
SAMPLE TYPE		SOIL					SOIL			
SAMPLE DEPTH (ft.)										
		CasNum	USCO	RSCO	RRSCO	Results	Qual	Results	Qual	
1,1-Dichloroethene		75-35-4	0.33	0.33	0.33	0.0013	U	0.0016	U	
trans-1,2-Dichloroethene		156-60-5	0.19	0.19	0.19	0.002	U	0.0024	U	
Trichloroethene		79-01-6	0.47	0.47	0.47	0.00066	U	0.00081	U	
1,2-Dichlorobenzene		95-50-1	1.1	1.1	1.1	0.0026	U	0.0032	U	
1,3-Dichlorobenzene		541-73-1	2.4	2.4	2.4	0.0026	U	0.0032	U	
1,4-Dichlorobenzene		106-46-7	1.8	1.8	1.8	0.0026	U	0.0032	U	
Methyl tert butyl ether		1634-04-4	0.93	0.93	0.93	0.0026	U	0.0032	U	
p/m-Xylene		179601-23-1				0.0026	U	0.0032	U	
o-Xylene		95-47-6				0.0013	U	0.0016	U	
Xylenes, Total		1330-20-7	0.26	1.6	1.6	0.0013	U	0.0016	U	
cis-1,2-Dichloroethene		156-59-2	0.25	0.25	0.25	0.0013	U	0.0016	U	
1,2-Dichloroethene, Total		540-59-0				0.0013	U	0.0016	U	
Dibromomethane		74-95-3				0.0026	U	0.0032	U	
Styrene		100-42-5				0.0013	U	0.0016	U	
Dichlorodifluoromethane		75-71-8				0.013	U	0.016	U	
Acetone		67-64-1	0.05	0.05	0.05	0.013	U	0.016	U	
Carbon disulfide		75-15-0				0.013	U	0.016	U	
2-Butanone		78-93-3	0.12	0.12	0.12	0.013	U	0.016	U	
Vinyl acetate		108-05-4				0.013	U	0.016	U	
4-Methyl-2-pentanone		108-10-1				0.013	U	0.016	U	
1,2,3-Trichloropropane		96-18-4				0.0026	U	0.0032	U	
2-Hexanone		591-78-6				0.013	U	0.016	U	
Bromochloromethane		74-97-5				0.0026	U	0.0032	U	
2,2-Dichloropropane		594-20-7				0.0026	U	0.0032	U	
1,2-Dibromoethane		106-93-4				0.0013	U	0.0016	U	
1,3-Dichloropropane		142-28-9				0.0026	U	0.0032	U	
1,1,1,2-Tetrachloroethane		630-20-6				0.00066	U	0.00081	U	
Bromobenzene		108-86-1				0.0026	U	0.0032	U	
n-Butylbenzene		104-51-8	12	12	12	0.0013	U	0.0016	U	
sec-Butylbenzene		135-98-8	11	11	11	0.0013	U	0.0016	U	
tert-Butylbenzene		98-06-6	5.9	5.9	5.9	0.0026	U	0.0032	U	
o-Chlorotoluene		95-49-8				0.0026	U	0.0032	U	
p-Chlorotoluene		106-43-4				0.0026	U	0.0032	U	
1,2-Dibromo-3-chloropropane		96-12-8				0.004	U	0.0048	U	
Hexachlorobutadiene		87-68-3				0.0053	U	0.0065	U	
Isopropylbenzene		98-82-8				0.0013	U	0.0016	U	
p-Isopropyltoluene		99-87-6				0.0013	U	0.0016	U	
Naphthalene		91-20-3	12	12	12	0.0053	U	0.0065	U	
Acrylonitrile		107-13-1				0.0053	U	0.0065	U	
n-Propylbenzene		103-65-1	3.9	3.9	3.9	0.0013	U	0.0016	U	
1,2,3-Trichlorobenzene		87-61-6				0.0026	U	0.0032	U	
1,2,4-Trichlorobenzene		120-82-1				0.0026	U	0.0032	U	
1,3,5-Trimethylbenzene		108-67-8	8.4	8.4	8.4	0.0026	U	0.0032	U	
1,2,4-Trimethylbenzene		95-63-6	3.6	3.6	3.6	0.0026	U	0.0032	U	
1,4-Dioxane		123-91-1	0.1	0.1	0.1	0.11	U	0.13	U	
p-Diethylbenzene		105-05-5				0.0026	U	0.0032	U	
p-Ethyltoluene		622-96-8				0.0026	U	0.0032	U	
1,2,4,5-Tetramethylbenzene		95-93-2				0.0026	U	0.0032	U	
Ethyl ether		60-29-7				0.0026	U	0.0032	U	
trans-1,4-Dichloro-2-butene		110-57-6				0.0066	U	0.0081	U	

* Comparison is not performed on parameters with non-numeric criteria.



**Table 3.
Summary of Soil Sample Results
32, 36, and 38 Main Street, and
1 and 3 Riverdale Ave. Yonkers, NY**

LOCATION					SB-4 (2.5-3)		SB-4 (5.5-6)		
SAMPLING DATE					5/26/2021		5/26/2021		
LAB SAMPLE ID					L2128683-03		L2128683-04		
SAMPLE TYPE					SOIL		SOIL		
SAMPLE DEPTH (ft.)									
		CasNum	USCO	RSCO	RRSCO	Results	Qual	Results	Qual

RRSCO: New York DER-10 Restricted Residential Use Allowable Constituent Levels

RSCO: New York DER-10 Restricted Use Allowable Constituent Levels for Imported I

USCO: New York DER-10 Unrestricted Use Allowable Constituent Levels for Importe

Table 3.5

Summary of Soil Vapor Sample Results

32, 36, and 38 Main Street, and

1 and 3 Riverdale Ave. Yonkers, NY

Table 3.
Summary of Soil Sample Results
32, 36, and 38 Main Street, and
1 and 3 Riverdale Ave. Yonkers, NY

LOCATION		SB-5 (3.5-4)					SB-5 (6.5-7)	
SAMPLING DATE		5/26/2021					5/26/2021	
LAB SAMPLE ID		L2128683-05					L2128683-06	
SAMPLE TYPE		SOIL					SOIL	
SAMPLE DEPTH (ft.)								
	CasNum	USCO	RSCO	RRSCO	Results	Qual	Results	Qual
General Chemistry								
Solids, Total	NONE				93		75.8	
Cyanide, Total	57-12-5	27	27	27	1.1	U	1.2	U
Organochlorine Pesticides by GC								
Delta-BHC	319-86-8	0.04	0.25	0.25	0.00849	U	0.00207	U
Lindane	58-89-9	0.1	0.1	0.1	0.00354	U	0.000861	U
Alpha-BHC	319-84-6	0.02	0.02	0.02	0.00354	U	0.000861	U
Beta-BHC	319-85-7	0.036	0.072	0.09	0.00849	U	0.00207	U
Heptachlor	76-44-8	0.042	0.38	0.38	0.00225	JP	0.000468	J
Aldrin	309-00-2	0.005	0.019	0.097	0.00849	U	0.00207	U
Heptachlor epoxide	1024-57-3				0.0159	U	0.00388	U
Endrin	72-20-8	0.014	0.06	0.06	0.00354	U	0.000861	U
Endrin aldehyde	7421-93-4				0.0106	U	0.00258	U
Endrin ketone	53494-70-5				0.00849	U	0.00207	U
Dieldrin	60-57-1	0.005	0.039	0.1	0.0053	U	0.00129	U
4,4'-DDE	72-55-9	0.0033	1.8	8.9	0.00849	U	0.00207	U
4,4'-DDD	72-54-8	0.0033	2.6	13	0.00849	U	0.00207	U
4,4'-DDT	50-29-3	0.0033	1.7	7.9	0.0159	U	0.00388	U
Endosulfan I	959-98-8	2.4	4.8	24	0.00849	U	0.00207	U
Endosulfan II	33213-65-9	2.4	4.8	24	0.00849	U	0.00207	U
Endosulfan sulfate	1031-07-8	2.4	4.8	24	0.00354	U	0.000861	U
Methoxychlor	72-43-5				0.0159	U	0.00388	U
Toxaphene	8001-35-2				0.159	U	0.0388	U
cis-Chlordane	5103-71-9	0.094	0.91	2.9	0.021		0.00634	
trans-Chlordane	5103-74-2				0.0177		0.00591	
Chlordane	57-74-9				0.151	P	0.0527	
Polychlorinated Biphenyls by GC								
Aroclor 1016	12674-11-2	0.1	1	1	0.0351	U	0.0431	U
Aroclor 1221	11104-28-2	0.1	1	1	0.0351	U	0.0431	U
Aroclor 1232	11141-16-5	0.1	1	1	0.0351	U	0.0431	U
Aroclor 1242	53469-21-9	0.1	1	1	0.0351	U	0.0431	U
Aroclor 1248	12672-29-6	0.1	1	1	0.0351	U	0.0431	U
Aroclor 1254	11097-69-1	0.1	1	1	0.0292	J	0.0218	JP
Aroclor 1260	11096-82-5	0.1	1	1	0.0351	U	0.0431	U
Aroclor 1262	37324-23-5	0.1	1	1	0.0351	U	0.0431	U
Aroclor 1268	11100-14-4	0.1	1	1	0.0351	U	0.0431	U
PCBs, Total	1336-36-3	0.1	1	1	0.0292	J	0.0218	J
Semivolatile Organics by GC/MS								
Acenaphthene	83-32-9	20	98	98	0.12	J	0.17	U
1,2,4-Trichlorobenzene	120-82-1				0.18	U	0.22	U
Hexachlorobenzene	118-74-1	0.33	0.33	1.2	0.11	U	0.13	U
Bis(2-chloroethyl)ether	111-44-4				0.16	U	0.2	U
2-Chloronaphthalene	91-58-7				0.18	U	0.22	U
1,2-Dichlorobenzene	95-50-1	1.1	1.1	1.1	0.18	U	0.22	U
1,3-Dichlorobenzene	541-73-1	2.4	2.4	2.4	0.18	U	0.22	U
1,4-Dichlorobenzene	106-46-7	1.8	1.8	1.8	0.18	U	0.22	U
3,3'-Dichlorobenzidine	91-94-1				0.18	U	0.22	U
2,4-Dinitrotoluene	121-14-2				0.18	U	0.22	U
2,6-Dinitrotoluene	606-20-2				0.18	U	0.22	U
Fluoranthene	206-44-0	100	100	100	4.8		0.28	
4-Chlorophenyl phenyl ether	7005-72-3				0.18	U	0.22	U
4-Bromophenyl phenyl ether	101-55-3				0.18	U	0.22	U
Bis(2-chloroisopropyl)ether	108-60-1				0.21	U	0.26	U



Table 3.
Summary of Soil Sample Results
32, 36, and 38 Main Street, and
1 and 3 Riverdale Ave. Yonkers, NY

LOCATION		SB-5 (3.5-4)					SB-5 (6.5-7)	
SAMPLING DATE		5/26/2021					5/26/2021	
LAB SAMPLE ID		L2128683-05					L2128683-06	
SAMPLE TYPE		SOIL					SOIL	
SAMPLE DEPTH (ft.)								
	CasNum	USCO	RSCO	RRSCO	Results	Qual	Results	Qual
Bis(2-chloroethoxy)methane	111-91-1				0.19	U	0.24	U
Hexachlorobutadiene	87-68-3				0.18	U	0.22	U
Hexachlorocyclopentadiene	77-47-4				0.51	U	0.62	U
Hexachloroethane	67-72-1				0.14	U	0.17	U
Isophorone	78-59-1				0.16	U	0.2	U
Naphthalene	91-20-3	12	12	12	0.14	J	0.22	U
Nitrobenzene	98-95-3				0.16	U	0.2	U
NDPA/DPA	86-30-6				0.14	U	0.17	U
n-Nitrosodi-n-propylamine	621-64-7				0.18	U	0.22	U
Bis(2-ethylhexyl)phthalate	117-81-7				0.16	J	0.22	U
Butyl benzyl phthalate	85-68-7				0.18	U	0.22	U
Di-n-butylphthalate	84-74-2				0.18	U	0.22	U
Di-n-octylphthalate	117-84-0				0.18	U	0.22	U
Diethyl phthalate	84-66-2				0.18	U	0.22	U
Dimethyl phthalate	131-11-3				0.18	U	0.22	U
Benzo(a)anthracene	56-55-3	1	1	1	2.3		0.15	
Benzo(a)pyrene	50-32-8	1	1	1	2		0.14	J
Benzo(b)fluoranthene	205-99-2	1	1	1	2.6		0.18	
Benzo(k)fluoranthene	207-08-9	0.8	1	1.7	0.92		0.065	J
Chrysene	218-01-9	1	1	1	2.1		0.13	
Acenaphthylene	208-96-8	100	100	100	0.37		0.17	U
Anthracene	120-12-7	100	100	100	0.73		0.049	J
Benzo(ghi)perylene	191-24-2	100	100	100	1.1		0.1	J
Fluorene	86-73-7	30	100	100	0.3		0.22	U
Phenanthrene	85-01-8	100	100	100	3.4		0.17	
Dibenzo(a,h)anthracene	53-70-3	0.33	0.33	0.33	0.25		0.13	U
Indeno(1,2,3-cd)pyrene	193-39-5	0.5	0.5	0.5	1.2		0.099	J
Pyrene	129-00-0	100	100	100	3.8		0.24	
Biphenyl	92-52-4				0.4	U	0.5	U
4-Chloroaniline	106-47-8				0.18	U	0.22	U
2-Nitroaniline	88-74-4				0.18	U	0.22	U
3-Nitroaniline	99-09-2				0.18	U	0.22	U
4-Nitroaniline	100-01-6				0.18	U	0.22	U
Dibenzofuran	132-64-9	7	14	59	0.14	J	0.22	U
2-Methylnaphthalene	91-57-6				0.078	J	0.26	U
1,2,4,5-Tetrachlorobenzene	95-94-3				0.18	U	0.22	U
Acetophenone	98-86-2				0.18	U	0.22	U
2,4,6-Trichlorophenol	88-06-2				0.11	U	0.13	U
p-Chloro-m-cresol	59-50-7				0.18	U	0.22	U
2-Chlorophenol	95-57-8				0.18	U	0.22	U
2,4-Dichlorophenol	120-83-2				0.16	U	0.2	U
2,4-Dimethylphenol	105-67-9				0.18	U	0.22	U
2-Nitrophenol	88-75-5				0.38	U	0.47	U
4-Nitrophenol	100-02-7				0.25	U	0.3	U
2,4-Dinitrophenol	51-28-5				0.85	U	1	U
4,6-Dinitro-o-cresol	534-52-1				0.46	U	0.57	U
Pentachlorophenol	87-86-5	0.8	0.8	0.8	0.14	U	0.17	U
Phenol	108-95-2	0.33	0.33	0.33	0.18	U	0.22	U
2-Methylphenol	95-48-7	0.33	0.33	0.33	0.18	U	0.22	U
3-Methylphenol/4-Methylphenol	108-39-4/106-44-5	0.33	0.33	0.33	0.26	U	0.31	U
2,4,5-Trichlorophenol	95-95-4				0.18	U	0.22	U
Benzoic Acid	65-85-0				0.58	U	0.71	U
Benzyl Alcohol	100-51-6				0.18	U	0.22	U



Table 3.
Summary of Soil Sample Results
32, 36, and 38 Main Street, and
1 and 3 Riverdale Ave. Yonkers, NY

LOCATION		SB-5 (3.5-4)					SB-5 (6.5-7)	
SAMPLING DATE		5/26/2021					5/26/2021	
LAB SAMPLE ID		L2128683-05					L2128683-06	
SAMPLE TYPE		SOIL					SOIL	
SAMPLE DEPTH (ft.)								
	CasNum	USCO	RSCO	RRSCO	Results	Qual	Results	Qual
Carbazole	86-74-8				0.36		0.025	J
1,4-Dioxane	123-91-1	0.1	0.1	0.1	0.027	U	0.033	U
Total Metals								
Aluminum, Total	7429-90-5				8770		4340	
Antimony, Total	7440-36-0				4.2	U	5.02	U
Arsenic, Total	7440-38-2	13	16	16	3.06		1.8	
Barium, Total	7440-39-3	350	350	400	84.1		38.2	
Beryllium, Total	7440-41-7	7.2	14	47	0.285	J	0.301	J
Cadmium, Total	7440-43-9	2.5	2.5	4.3	0.411	J	0.311	J
Calcium, Total	7440-70-2				10800		1470	
Chromium, Total	7440-47-3				23.5		10.4	
Cobalt, Total	7440-48-4				7.7		4.82	
Copper, Total	7440-50-8	50	270	270	24.5		20	
Iron, Total	7439-89-6				14600		10000	
Lead, Total	7439-92-1	63	400	400	53.4		9.95	
Magnesium, Total	7439-95-4				6210		2700	
Manganese, Total	7439-96-5	1600	2000	2000	232		442	
Mercury, Total	7439-97-6	0.18	0.73	0.73	0.199		0.09	
Nickel, Total	7440-02-0	30	130	130	14.8		12	
Potassium, Total	7440-09-7				2520		1100	
Selenium, Total	7782-49-2	3.9	4	4	0.445	J	0.421	J
Silver, Total	7440-22-4	2	8.3	8.3	0.839	U	1	U
Sodium, Total	7440-23-5				87.7	J	75.8	J
Thallium, Total	7440-28-0				1.68	U	2.01	U
Vanadium, Total	7440-62-2				29.3		13.9	
Zinc, Total	7440-66-6	109	2200	2480	69.9		71	
Volatile Organics by EPA 5035								
Methylene chloride	75-09-2	0.05	0.05	0.05	0.0059	U	0.0073	U
1,1-Dichloroethane	75-34-3	0.27	0.27	0.27	0.0012	U	0.0014	U
Chloroform	67-66-3	0.37	0.37	0.37	0.0018	U	0.0022	U
Carbon tetrachloride	56-23-5	0.76	0.76	0.76	0.0012	U	0.0014	U
1,2-Dichloropropane	78-87-5				0.0012	U	0.0014	U
Dibromochloromethane	124-48-1				0.0012	U	0.0014	U
1,1,2-Trichloroethane	79-00-5				0.0012	U	0.0014	U
Tetrachloroethene	127-18-4	1.3	1.3	1.3	0.00059	U	0.00073	U
Chlorobenzene	108-90-7	1.1	1.1	1.1	0.00059	U	0.00073	U
Trichlorofluoromethane	75-69-4				0.0047	U	0.0058	U
1,2-Dichloroethane	107-06-2	0.02	0.02	0.02	0.0012	U	0.0014	U
1,1,1-Trichloroethane	71-55-6	0.68	0.68	0.68	0.00059	U	0.00073	U
Bromodichloromethane	75-27-4				0.00059	U	0.00073	U
trans-1,3-Dichloropropene	10061-02-6				0.0012	U	0.0014	U
cis-1,3-Dichloropropene	10061-01-5				0.00059	U	0.00073	U
1,3-Dichloropropene, Total	542-75-6				0.00059	U	0.00073	U
1,1-Dichloropropene	563-58-6				0.00059	U	0.00073	U
Bromoform	75-25-2				0.0047	U	0.0058	U
1,1,2,2-Tetrachloroethane	79-34-5				0.00059	U	0.00073	U
Benzene	71-43-2	0.06	0.06	0.06	0.00059	U	0.00073	U
Toluene	108-88-3	0.7	0.7	0.7	0.0012	U	0.0014	U
Ethylbenzene	100-41-4	1	1	1	0.0012	U	0.0014	U
Chloromethane	74-87-3				0.0047	U	0.0058	U
Bromomethane	74-83-9				0.0024	U	0.0029	U
Vinyl chloride	75-01-4	0.02	0.02	0.02	0.0012	U	0.0014	U
Chloroethane	75-00-3				0.0024	U	0.0029	U



Table 3.
Summary of Soil Sample Results
32, 36, and 38 Main Street, and
1 and 3 Riverdale Ave. Yonkers, NY

LOCATION		SB-5 (3.5-4)					SB-5 (6.5-7)	
SAMPLING DATE		5/26/2021					5/26/2021	
LAB SAMPLE ID		L2128683-05					L2128683-06	
SAMPLE TYPE		SOIL					SOIL	
SAMPLE DEPTH (ft.)								
	CasNum	USCO	RSCO	RRSCO	Results	Qual	Results	Qual
1,1-Dichloroethene	75-35-4	0.33	0.33	0.33	0.0012	U	0.0014	U
trans-1,2-Dichloroethene	156-60-5	0.19	0.19	0.19	0.0018	U	0.0022	U
Trichloroethene	79-01-6	0.47	0.47	0.47	0.00059	U	0.00073	U
1,2-Dichlorobenzene	95-50-1	1.1	1.1	1.1	0.0024	U	0.0029	U
1,3-Dichlorobenzene	541-73-1	2.4	2.4	2.4	0.0024	U	0.0029	U
1,4-Dichlorobenzene	106-46-7	1.8	1.8	1.8	0.0024	U	0.0029	U
Methyl tert butyl ether	1634-04-4	0.93	0.93	0.93	0.0024	U	0.0029	U
p/m-Xylene	179601-23-1				0.0024	U	0.0029	U
o-Xylene	95-47-6				0.0012	U	0.0014	U
Xylenes, Total	1330-20-7	0.26	1.6	1.6	0.0012	U	0.0014	U
cis-1,2-Dichloroethene	156-59-2	0.25	0.25	0.25	0.0012	U	0.0014	U
1,2-Dichloroethene, Total	540-59-0				0.0012	U	0.0014	U
Dibromomethane	74-95-3				0.0024	U	0.0029	U
Styrene	100-42-5				0.0012	U	0.0014	U
Dichlorodifluoromethane	75-71-8				0.012	U	0.014	U
Acetone	67-64-1	0.05	0.05	0.05	0.012	U	0.014	U
Carbon disulfide	75-15-0				0.012	U	0.014	U
2-Butanone	78-93-3	0.12	0.12	0.12	0.012	U	0.014	U
Vinyl acetate	108-05-4				0.012	U	0.014	U
4-Methyl-2-pentanone	108-10-1				0.012	U	0.014	U
1,2,3-Trichloropropane	96-18-4				0.0024	U	0.0029	U
2-Hexanone	591-78-6				0.012	U	0.014	U
Bromochloromethane	74-97-5				0.0024	U	0.0029	U
2,2-Dichloropropane	594-20-7				0.0024	U	0.0029	U
1,2-Dibromoethane	106-93-4				0.0012	U	0.0014	U
1,3-Dichloropropane	142-28-9				0.0024	U	0.0029	U
1,1,1,2-Tetrachloroethane	630-20-6				0.00059	U	0.00073	U
Bromobenzene	108-86-1				0.0024	U	0.0029	U
n-Butylbenzene	104-51-8	12	12	12	0.0012	U	0.0014	U
sec-Butylbenzene	135-98-8	11	11	11	0.0012	U	0.0014	U
tert-Butylbenzene	98-06-6	5.9	5.9	5.9	0.0024	U	0.0029	U
o-Chlorotoluene	95-49-8				0.0024	U	0.0029	U
p-Chlorotoluene	106-43-4				0.0024	U	0.0029	U
1,2-Dibromo-3-chloropropane	96-12-8				0.0036	U	0.0044	U
Hexachlorobutadiene	87-68-3				0.0047	U	0.0058	U
Isopropylbenzene	98-82-8				0.0012	U	0.0014	U
p-Isopropyltoluene	99-87-6				0.0012	U	0.0014	U
Naphthalene	91-20-3	12	12	12	0.0047	U	0.0011	J
Acrylonitrile	107-13-1				0.0047	U	0.0058	U
n-Propylbenzene	103-65-1	3.9	3.9	3.9	0.0012	U	0.0014	U
1,2,3-Trichlorobenzene	87-61-6				0.0024	U	0.0029	U
1,2,4-Trichlorobenzene	120-82-1				0.0024	U	0.0029	U
1,3,5-Trimethylbenzene	108-67-8	8.4	8.4	8.4	0.0024	U	0.0029	U
1,2,4-Trimethylbenzene	95-63-6	3.6	3.6	3.6	0.0024	U	0.0029	U
1,4-Dioxane	123-91-1	0.1	0.1	0.1	0.095	U	0.12	U
p-Diethylbenzene	105-05-5				0.0024	U	0.0029	U
p-Ethyltoluene	622-96-8				0.0024	U	0.0029	U
1,2,4,5-Tetramethylbenzene	95-93-2				0.0024	U	0.0029	U
Ethyl ether	60-29-7				0.0024	U	0.0029	U
trans-1,4-Dichloro-2-butene	110-57-6				0.0059	U	0.0073	U

* Comparison is not performed on parameters with non-numeric criteria.



**Table 3.
Summary of Soil Sample Results
32, 36, and 38 Main Street, and
1 and 3 Riverdale Ave. Yonkers, NY**

LOCATION					SB-5 (3.5-4)		SB-5 (6.5-7)		
SAMPLING DATE					5/26/2021		5/26/2021		
LAB SAMPLE ID					L2128683-05		L2128683-06		
SAMPLE TYPE					SOIL		SOIL		
SAMPLE DEPTH (ft.)									
		CasNum	USCO	RSCO	RRSCO	Results	Qual	Results	Qual

RRSCO: New York DER-10 Restricted Residential Use Allowable Constituent Levels

RSCO: New York DER-10 Restricted Use Allowable Constituent Levels for Imported I

USCO: New York DER-10 Unrestricted Use Allowable Constituent Levels for Importe

Table 3.5

Summary of Soil Vapor Sample Results

32, 36, and 38 Main Street, and

1 and 3 Riverdale Ave. Yonkers, NY

Table 3.3
Summary of Groundwater Sample Results
32, 36, and 38 Main Street, and
1 and 3 Riverdale Ave. Yonkers, NY

LOCATION				SB-1 GW	SB-3 GW			
SAMPLING DATE				5/26/2021	5/26/2021			
LAB SAMPLE ID				L2128683-07	L2128683-08			
SAMPLE TYPE				WATER		WATER		
SAMPLE DEPTH (ft.)								
	CasNum	NY-AWQS	Units	Results	Qual	Results	Qual	
General Chemistry								
Cyanide, Total	57-12-5	200	ug/l	30		3	J	
Organochlorine Pesticides by GC								
Delta-BHC	319-86-8	0.04	ug/l	0.014	U	0.017	U	
Lindane	58-89-9	0.05	ug/l	0.014	U	0.017	U	
Alpha-BHC	319-84-6	0.01	ug/l	0.014	U	0.017	U	
Beta-BHC	319-85-7	0.04	ug/l	0.014	U	0.017	U	
Heptachlor	76-44-8	0.04	ug/l	0.014	U	0.017	U	
Aldrin	309-00-2	0	ug/l	0.014	U	0.017	U	
Heptachlor epoxide	1024-57-3	0.03	ug/l	0.014	U	0.017	U	
Endrin	72-20-8	0	ug/l	0.029	U	0.033	U	
Endrin aldehyde	7421-93-4	5	ug/l	0.029	U	0.033	U	
Endrin ketone	53494-70-5	5	ug/l	0.029	U	0.033	U	
Dieldrin	60-57-1	0.004	ug/l	0.029	U	0.033	U	
4,4'-DDE	72-55-9	0.2	ug/l	0.029	U	0.033	U	
4,4'-DDD	72-54-8	0.3	ug/l	0.029	U	0.033	U	
4,4'-DDT	50-29-3	0.2	ug/l	0.029	U	0.033	U	
Endosulfan I	959-98-8		ug/l	0.014	U	0.017	U	
Endosulfan II	33213-65-9		ug/l	0.029	U	0.033	U	
Endosulfan sulfate	1031-07-8		ug/l	0.029	U	0.033	U	
Methoxychlor	72-43-5	35	ug/l	0.143	U	0.167	U	
Toxaphene	8001-35-2	0.06	ug/l	0.143	U	0.167	U	
cis-Chlordane	5103-71-9		ug/l	0.014	U	0.017	U	
trans-Chlordane	5103-74-2		ug/l	0.014	U	0.017	U	
Chlordane	57-74-9	0.05	ug/l	0.143	U	0.167	U	
Polychlorinated Biphenyls by GC								
Aroclor 1016	12674-11-2	0.09	ug/l	0.071	U	0.071	U	
Aroclor 1221	11104-28-2	0.09	ug/l	0.071	U	0.071	U	
Aroclor 1232	11141-16-5	0.09	ug/l	0.071	U	0.071	U	
Aroclor 1242	53469-21-9	0.09	ug/l	0.071	U	0.071	U	
Aroclor 1248	12672-29-6	0.09	ug/l	0.071	U	0.071	U	
Aroclor 1254	11097-69-1	0.09	ug/l	0.071	U	0.089		
Aroclor 1260	11096-82-5	0.09	ug/l	0.071	U	0.071	U	
Aroclor 1262	37324-23-5	0.09	ug/l	0.071	U	0.071	U	
Aroclor 1268	11100-14-4	0.09	ug/l	0.071	U	0.071	U	
PCBs, Total	1336-36-3		ug/l	0.071	U	0.089		
Semivolatile Organics by GC/MS								
1,2,4-Trichlorobenzene	120-82-1	5	ug/l	5	U	5	U	
Bis(2-chloroethyl)ether	111-44-4	1	ug/l	2	U	2	U	
1,2-Dichlorobenzene	95-50-1	3	ug/l	2	U	2	U	
1,3-Dichlorobenzene	541-73-1	3	ug/l	2	U	2	U	
1,4-Dichlorobenzene	106-46-7	3	ug/l	2	U	2	U	
3,3'-Dichlorobenzidine	91-94-1	5	ug/l	5	U	5	U	
2,4-Dinitrotoluene	121-14-2	5	ug/l	5	U	5	U	
2,6-Dinitrotoluene	606-20-2	5	ug/l	5	U	5	U	
4-Chlorophenyl phenyl ether	7005-72-3		ug/l	2	U	2	U	
4-Bromophenyl phenyl ether	101-55-3		ug/l	2	U	2	U	
Bis(2-chloroisopropyl)ether	108-60-1	5	ug/l	2	U	2	U	
Bis(2-chloroethoxy)methane	111-91-1	5	ug/l	5	U	5	U	
Hexachlorocyclopentadiene	77-47-4	5	ug/l	20	U	20	U	
Isophorone	78-59-1	50	ug/l	5	U	5	U	
Nitrobenzene	98-95-3	0.4	ug/l	2	U	2	U	
NDPA/DPA	86-30-6	50	ug/l	2	U	2	U	
n-Nitrosodi-n-propylamine	621-64-7		ug/l	5	U	5	U	
Bis(2-ethylhexyl)phthalate	117-81-7	5	ug/l	2.8	J	3	U	
Butyl benzyl phthalate	85-68-7	50	ug/l	5	U	5	U	
Di-n-butylphthalate	84-74-2	50	ug/l	5	U	5	U	

Table 3.3
Summary of Groundwater Sample Results
32, 36, and 38 Main Street, and
1 and 3 Riverdale Ave. Yonkers, NY

LOCATION					SB-1 GW		SB-3 GW	
SAMPLING DATE					5/26/2021		5/26/2021	
LAB SAMPLE ID					L2128683-07		L2128683-08	
SAMPLE TYPE					WATER		WATER	
SAMPLE DEPTH (ft.)								
	CasNum	NY-AWQS	Units	Results	Qual	Results	Qual	
Di-n-octylphthalate	117-84-0	50	ug/l	5	U	5	U	
Diethyl phthalate	84-66-2	50	ug/l	0.42	J	5	U	
Dimethyl phthalate	131-11-3	50	ug/l	5	U	5	U	
Biphenyl	92-52-4		ug/l	2	U	2	U	
4-Chloroaniline	106-47-8	5	ug/l	5	U	5	U	
2-Nitroaniline	88-74-4	5	ug/l	5	U	5	U	
3-Nitroaniline	99-09-2	5	ug/l	5	U	5	U	
4-Nitroaniline	100-01-6	5	ug/l	5	U	5	U	
Dibenzofuran	132-64-9		ug/l	2	U	2	U	
1,2,4,5-Tetrachlorobenzene	95-94-3	5	ug/l	10	U	10	U	
Acetophenone	98-86-2		ug/l	5	U	5	U	
2,4,6-Trichlorophenol	88-06-2		ug/l	5	U	5	U	
p-Chloro-m-cresol	59-50-7		ug/l	2	U	2	U	
2-Chlorophenol	95-57-8		ug/l	2	U	2	U	
2,4-Dichlorophenol	120-83-2	1	ug/l	5	U	5	U	
2,4-Dimethylphenol	105-67-9	50	ug/l	5	U	5	U	
2-Nitrophenol	88-75-5		ug/l	10	U	10	U	
4-Nitrophenol	100-02-7		ug/l	10	U	10	U	
2,4-Dinitrophenol	51-28-5	10	ug/l	20	U	20	U	
4,6-Dinitro-o-cresol	534-52-1		ug/l	10	U	10	U	
Phenol	108-95-2	1	ug/l	5	U	5	U	
2-Methylphenol	95-48-7		ug/l	5	U	5	U	
3-Methylphenol/4-Methylphenol	108-39-4/106-44-5		ug/l	5	U	5	U	
2,4,5-Trichlorophenol	95-95-4		ug/l	5	U	5	U	
Benzoic Acid	65-85-0		ug/l	50	U	50	U	
Benzyl Alcohol	100-51-6		ug/l	2	U	2	U	
Carbazole	86-74-8		ug/l	2	U	2	U	
Semivolatile Organics by GC/MS-SIM								
Acenaphthene	83-32-9	20	ug/l	0.06	J	0.01	J	
2-Chloronaphthalene	91-58-7	10	ug/l	0.2	U	0.2	U	
Fluoranthene	206-44-0	50	ug/l	0.54		0.03	J	
Hexachlorobutadiene	87-68-3	0.5	ug/l	0.5	U	0.5	U	
Naphthalene	91-20-3	10	ug/l	0.74		0.1	U	
Benzo(a)anthracene	56-55-3	0.002	ug/l	0.23		0.03	J	
Benzo(a)pyrene	50-32-8	0	ug/l	0.16		0.02	J	
Benzo(b)fluoranthene	205-99-2	0.002	ug/l	0.33		0.03	J	
Benzo(k)fluoranthene	207-08-9	0.002	ug/l	0.1		0.1	U	
Chrysene	218-01-9	0.002	ug/l	0.28		0.01	J	
Acenaphthylene	208-96-8		ug/l	0.03	J	0.1	U	
Anthracene	120-12-7	50	ug/l	0.09	J	0.02	J	
Benzo(ghi)perylene	191-24-2		ug/l	0.16		0.02	J	
Fluorene	86-73-7	50	ug/l	0.09	J	0.03	J	
Phenanthrene	85-01-8	50	ug/l	0.54		0.08	J	
Dibenzo(a,h)anthracene	53-70-3		ug/l	0.1	U	0.1	U	
Indeno(1,2,3-cd)pyrene	193-39-5	0.002	ug/l	0.18		0.02	J	
Pyrene	129-00-0	50	ug/l	0.5		0.03	J	
2-Methylnaphthalene	91-57-6		ug/l	0.22		0.1	U	
Pentachlorophenol	87-86-5	1	ug/l	0.8	U	0.8	U	
Hexachlorobenzene	118-74-1	0.04	ug/l	0.8	U	0.8	U	
Hexachloroethane	67-72-1	5	ug/l	0.8	U	0.8	U	
Total Metals								
Aluminum, Total	7429-90-5		ug/l	868000		218000		
Antimony, Total	7440-36-0	3	ug/l	100	U	20	U	
Arsenic, Total	7440-38-2	25	ug/l	84.31		34.37		
Barium, Total	7440-39-3	1000	ug/l	51980		6046		
Beryllium, Total	7440-41-7	3	ug/l	41.74		13.71		
Cadmium, Total	7440-43-9	5	ug/l	13.7		5.2		

**Table 3.3
Summary of Groundwater Sample Results
32, 36, and 38 Main Street, and
1 and 3 Riverdale Ave. Yonkers, NY**

LOCATION					SB-1 GW		SB-3 GW	
SAMPLING DATE					5/26/2021		5/26/2021	
LAB SAMPLE ID					L2128683-07		L2128683-08	
SAMPLE TYPE					WATER		WATER	
SAMPLE DEPTH (ft.)								
	CasNum	NY-AWQS	Units	Results	Qual	Results	Qual	
Calcium, Total	7440-70-2		ug/l	838000		223000		
Chromium, Total	7440-47-3	50	ug/l	3310		667.9		
Cobalt, Total	7440-48-4		ug/l	1268		470.1		
Copper, Total	7440-50-8	200	ug/l	6880		2436		
Iron, Total	7439-89-6	300	ug/l	1460000		397000		
Lead, Total	7439-92-1	25	ug/l	1323		730.6		
Magnesium, Total	7439-95-4	35000	ug/l	796000		166000		
Manganese, Total	7439-96-5	300	ug/l	73680		36070		
Mercury, Total	7439-97-6	0.7	ug/l	3.69		2	U	
Nickel, Total	7440-02-0	100	ug/l	3312		2009		
Potassium, Total	7440-09-7		ug/l	292000		61800		
Selenium, Total	7782-49-2	10	ug/l	125	U	17.6	J	
Silver, Total	7440-22-4	50	ug/l	10	U	1.53	J	
Sodium, Total	7440-23-5	20000	ug/l	406000		424000		
Thallium, Total	7440-28-0	0.5	ug/l	17.36	J	5.75		
Vanadium, Total	7440-62-2		ug/l	1553		559.4		
Zinc, Total	7440-66-6	2000	ug/l	4850		1338		
Volatile Organics by GC/MS								
Methylene chloride	75-09-2	5	ug/l	2.5	U	2.5	U	
1,1-Dichloroethane	75-34-3	5	ug/l	2.5	U	2.5	U	
Chloroform	67-66-3	7	ug/l	4.9		6.3		
Carbon tetrachloride	56-23-5	5	ug/l	0.5	U	0.5	U	
1,2-Dichloropropane	78-87-5	1	ug/l	1	U	1	U	
Dibromochloromethane	124-48-1	50	ug/l	0.5	U	0.5	U	
1,1,2-Trichloroethane	79-00-5	1	ug/l	1.5	U	1.5	U	
Tetrachloroethene	127-18-4	5	ug/l	33		9.8		
Chlorobenzene	108-90-7	5	ug/l	2.5	U	2.5	U	
Trichlorofluoromethane	75-69-4	5	ug/l	2.5	U	2.5	U	
1,2-Dichloroethane	107-06-2	0.6	ug/l	0.5	U	0.5	U	
1,1,1-Trichloroethane	71-55-6	5	ug/l	2.5	U	2.5	U	
Bromodichloromethane	75-27-4	50	ug/l	0.5	U	0.5	U	
trans-1,3-Dichloropropene	10061-02-6	0.4	ug/l	0.5	U	0.5	U	
cis-1,3-Dichloropropene	10061-01-5	0.4	ug/l	0.5	U	0.5	U	
1,3-Dichloropropene, Total	542-75-6		ug/l	0.5	U	0.5	U	
1,1-Dichloropropene	563-58-6	5	ug/l	2.5	U	2.5	U	
Bromoform	75-25-2	50	ug/l	2	U	2	U	
1,1,2,2-Tetrachloroethane	79-34-5	5	ug/l	0.5	U	0.5	U	
Benzene	71-43-2	1	ug/l	0.2	J	0.5	U	
Toluene	108-88-3	5	ug/l	15		2.5	U	
Ethylbenzene	100-41-4	5	ug/l	2.5	U	2.5	U	
Chloromethane	74-87-3		ug/l	2.5	U	2.5	U	
Bromomethane	74-83-9	5	ug/l	2.5	U	2.5	U	
Vinyl chloride	75-01-4	2	ug/l	1	U	1	U	
Chloroethane	75-00-3	5	ug/l	2.5	U	2.5	U	
1,1-Dichloroethene	75-35-4	5	ug/l	0.5	U	0.5	U	
trans-1,2-Dichloroethene	156-60-5	5	ug/l	2.5	U	2.5	U	
Trichloroethene	79-01-6	5	ug/l	3.2		1.1		
1,2-Dichlorobenzene	95-50-1	3	ug/l	2.5	U	2.5	U	
1,3-Dichlorobenzene	541-73-1	3	ug/l	2.5	U	2.5	U	
1,4-Dichlorobenzene	106-46-7	3	ug/l	2.5	U	2.5	U	
Methyl tert butyl ether	1634-04-4	10	ug/l	2.5	U	2.5	U	
p/m-Xylene	179601-23-1	5	ug/l	2.5	U	2.5	U	
o-Xylene	95-47-6	5	ug/l	2.5	U	2.5	U	
Xylenes, Total	1330-20-7		ug/l	2.5	U	2.5	U	
cis-1,2-Dichloroethene	156-59-2	5	ug/l	3.3		1	J	
1,2-Dichloroethene, Total	540-59-0		ug/l	3.3		1	J	
Dibromomethane	74-95-3	5	ug/l	5	U	5	U	

**Table 3.3
Summary of Groundwater Sample Results
32, 36, and 38 Main Street, and
1 and 3 Riverdale Ave. Yonkers, NY**

LOCATION					SB-1 GW		SB-3 GW	
SAMPLING DATE					5/26/2021		5/26/2021	
LAB SAMPLE ID					L2128683-07		L2128683-08	
SAMPLE TYPE					WATER		WATER	
SAMPLE DEPTH (ft.)								
	CasNum	NY-AWQS	Units	Results	Qual	Results	Qual	
1,2,3-Trichloropropane	96-18-4	0.04	ug/l	2.5	U	2.5	U	
Acrylonitrile	107-13-1	5	ug/l	5	U	5	U	
Styrene	100-42-5	5	ug/l	2.5	U	2.5	U	
Dichlorodifluoromethane	75-71-8	5	ug/l	5	U	5	U	
Acetone	67-64-1	50	ug/l	6.4		2.8	J	
Carbon disulfide	75-15-0	60	ug/l	5	U	5	U	
2-Butanone	78-93-3	50	ug/l	5	U	5	U	
Vinyl acetate	108-05-4		ug/l	5	U	5	U	
4-Methyl-2-pentanone	108-10-1		ug/l	5	U	5	U	
2-Hexanone	591-78-6	50	ug/l	5	U	5	U	
Bromochloromethane	74-97-5	5	ug/l	2.5	U	2.5	U	
2,2-Dichloropropane	594-20-7	5	ug/l	2.5	U	2.5	U	
1,2-Dibromoethane	106-93-4	0.0006	ug/l	2	U	2	U	
1,3-Dichloropropane	142-28-9	5	ug/l	2.5	U	2.5	U	
1,1,1,2-Tetrachloroethane	630-20-6	5	ug/l	2.5	U	2.5	U	
Bromobenzene	108-86-1	5	ug/l	2.5	U	2.5	U	
n-Butylbenzene	104-51-8	5	ug/l	2.5	U	2.5	U	
sec-Butylbenzene	135-98-8	5	ug/l	2.5	U	2.5	U	
tert-Butylbenzene	98-06-6	5	ug/l	2.5	U	2.5	U	
o-Chlorotoluene	95-49-8	5	ug/l	2.5	U	2.5	U	
p-Chlorotoluene	106-43-4	5	ug/l	2.5	U	2.5	U	
1,2-Dibromo-3-chloropropane	96-12-8	0.04	ug/l	2.5	U	2.5	U	
Hexachlorobutadiene	87-68-3	0.5	ug/l	2.5	U	2.5	U	
Isopropylbenzene	98-82-8	5	ug/l	2.5	U	2.5	U	
p-Isopropyltoluene	99-87-6	5	ug/l	2.5	U	2.5	U	
Naphthalene	91-20-3	10	ug/l	2.5	U	2.5	U	
n-Propylbenzene	103-65-1	5	ug/l	2.5	U	2.5	U	
1,2,3-Trichlorobenzene	87-61-6	5	ug/l	2.5	U	2.5	U	
1,2,4-Trichlorobenzene	120-82-1	5	ug/l	2.5	U	2.5	U	
1,3,5-Trimethylbenzene	108-67-8	5	ug/l	2.5	U	2.5	U	
1,2,4-Trimethylbenzene	95-63-6	5	ug/l	2.5	U	2.5	U	
1,4-Dioxane	123-91-1		ug/l	250	U	250	U	
p-Diethylbenzene	105-05-5		ug/l	2	U	2	U	
p-Ethyltoluene	622-96-8		ug/l	2	U	2	U	
1,2,4,5-Tetramethylbenzene	95-93-2	5	ug/l	2	U	2	U	
Ethyl ether	60-29-7		ug/l	2.5	U	2.5	U	
trans-1,4-Dichloro-2-butene	110-57-6	5	ug/l	2.5	U	2.5	U	

* Comparison is not performed on parameters with non-numeric criteria.

NY-AWQS: New York TOGS 111 Ambient Water Quality Standards criteria reflects all addendum to criteria through June 2004.



Table 3.5
Summary of Soil Vapor Sample Results
32, 36, and 38 Main Street, and
1 and 3 Riverdale Ave. Yonkers, NY

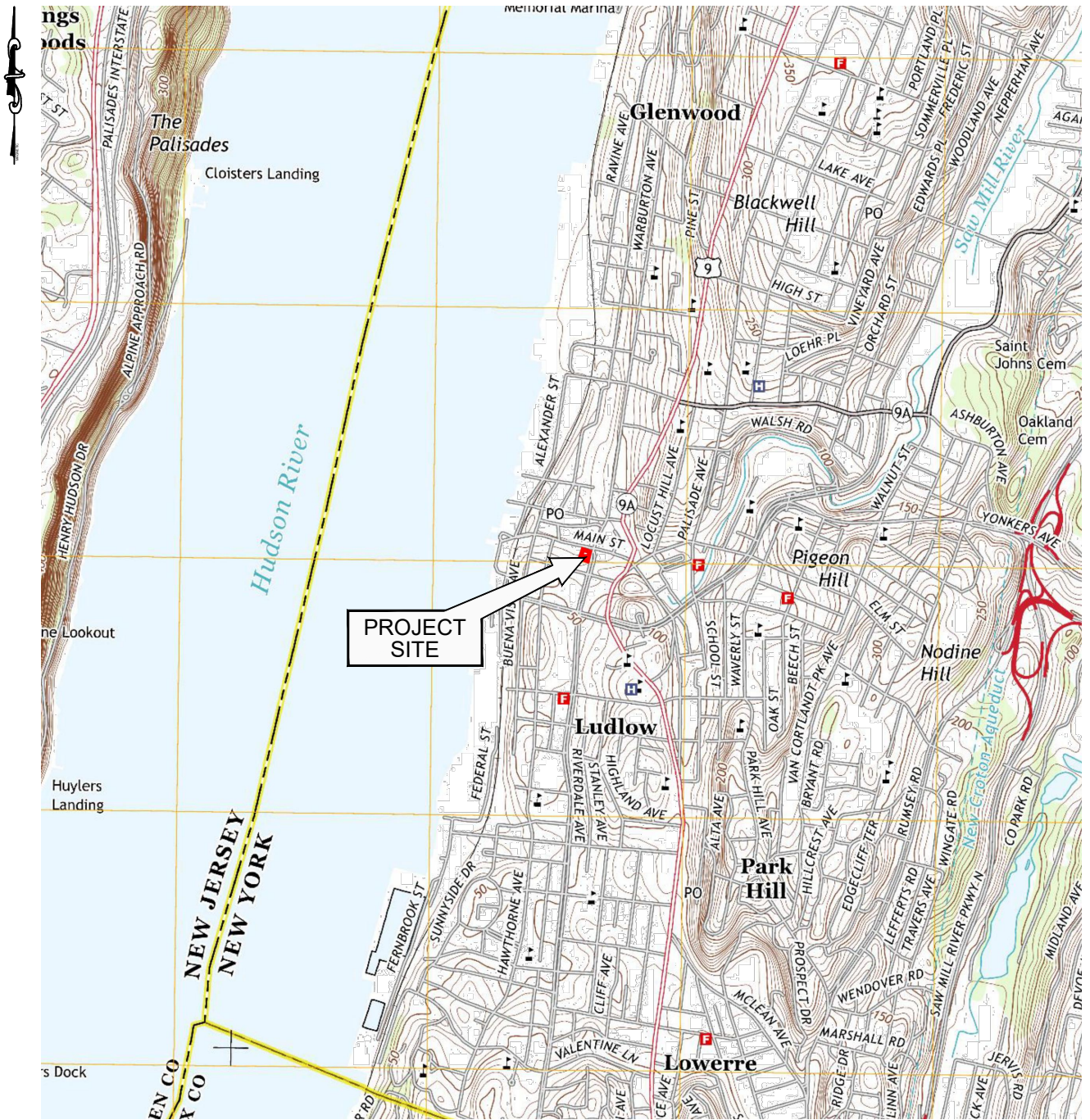
LOCATION						AMB-1		SVP-2		SVP-3		SVP-4		SVP-5	
SAMPLING DATE						5/25/2021		5/25/2021		5/25/2021		5/25/2021		5/25/2021	
LAB SAMPLE ID						L2127790-01		L2127790-02		L2127790-03		L2127790-04		L2127790-05	
SAMPLE TYPE						AIR		SOIL VAPOR		SOIL VAPOR		SOIL VAPOR		SOIL VAPOR	
SAMPLE DEPTH (ft.)						5		5		5		5		5	
	CasNum	NY-SSC-A	NY-SSC-B	NY-SSC-C	Units	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual
Volatile Organics in Air															
Dichlorodifluoromethane	75-71-8				ug/m3	2.25		2.58		2.73		2.12		4.12	U
Chloromethane	74-87-3				ug/m3	1.12		0.826	U	1.2		0.826	U	1.72	U
Freon-114	76-14-2				ug/m3	1.4	U	2.8	U	3.49	U	2.8	U	5.82	U
Vinyl chloride	75-01-4			6	ug/m3	0.511	U	1.02	U	1.28	U	1.02	U	2.13	U
1,3-Butadiene	106-99-0				ug/m3	0.442	U	4.09		48		0.885	U	1.84	U
Bromomethane	74-83-9				ug/m3	0.777	U	1.55	U	1.94	U	1.55	U	3.23	U
Chloroethane	75-00-3				ug/m3	0.528	U	1.06	U	1.32	U	1.06	U	2.2	U
Ethanol	64-17-5				ug/m3	10.6		82		36		21.9		47.3	
Vinyl bromide	593-60-2				ug/m3	0.874	U	1.75	U	2.19	U	1.75	U	3.64	U
Acetone	67-64-1				ug/m3	7.27		133		138		61.8		82.4	
Trichlorofluoromethane	75-69-4				ug/m3	1.15		8.54		2.81	U	5		7.64	
Isopropanol	67-63-0				ug/m3	1.57		13		3.86		2.46	U	5.11	U
1,1-Dichloroethene	75-35-4	6			ug/m3	0.793	U	1.59	U	1.98	U	1.59	U	3.3	U
Tertiary butyl Alcohol	75-65-0				ug/m3	1.52	U	3.03	U	5.4		4.15		8.43	
Methylene chloride	75-09-2		100		ug/m3	1.74	U	3.47	U	4.34	U	3.47	U	7.23	U
3-Chloropropene	107-05-1				ug/m3	0.626	U	1.25	U	1.57	U	1.25	U	2.61	U
Carbon disulfide	75-15-0				ug/m3	0.623	U	7.38		31.8		3.36		2.59	U
Freon-113	76-13-1				ug/m3	1.53	U	3.07	U	3.83	U	3.07	U	6.38	U
trans-1,2-Dichloroethene	156-60-5				ug/m3	0.793	U	1.59	U	1.98	U	1.59	U	3.3	U
1,1-Dichloroethane	75-34-3				ug/m3	0.809	U	1.62	U	2.02	U	1.62	U	3.37	U
Methyl tert butyl ether	1634-04-4				ug/m3	0.721	U	1.44	U	1.8	U	1.44	U	3	U
2-Butanone	78-93-3				ug/m3	1.47	U	265		268		375		740	
cis-1,2-Dichloroethene	156-59-2	6			ug/m3	0.793	U	1.59	U	1.98	U	1.59	U	3.3	U
Ethyl Acetate	141-78-6				ug/m3	1.8	U	3.6	U	4.5	U	3.6	U	7.5	U
Chloroform	67-66-3				ug/m3	0.977	U	21.4		21.9		2.96		4.07	U
Tetrahydrofuran	109-99-9				ug/m3	1.47	U	2.95	U	3.69	U	2.95	U	15.1	
1,2-Dichloroethane	107-06-2				ug/m3	0.809	U	1.62	U	2.02	U	1.62	U	3.37	U
n-Hexane	110-54-3				ug/m3	0.705	U	17.8		73.7		4.48		3.52	
1,1,1-Trichloroethane	71-55-6		100		ug/m3	1.09	U	4.04		5.3		2.18	U	4.54	U
Benzene	71-43-2				ug/m3	0.639	U	5.78		53		2.38		3.03	
Carbon tetrachloride	56-23-5	6			ug/m3	1.26	U	2.52	U	3.15	U	2.52	U	5.24	U
Cyclohexane	110-82-7				ug/m3	0.688	U	5.44		8.26		1.38	U	2.87	U
1,2-Dichloropropane	78-87-5				ug/m3	0.924	U	1.85	U	2.31	U	1.85	U	3.85	U
Bromodichloromethane	75-27-4				ug/m3	1.34	U	2.68	U	3.35	U	2.68	U	5.58	U
1,4-Dioxane	123-91-1				ug/m3	0.721	U	1.44	U	1.8	U	1.44	U	3	U
Trichloroethene	79-01-6	6			ug/m3	1.07	U	3.15		2.69	U	2.15	U	4.48	U
2,2,4-Trimethylpentane	540-84-1				ug/m3	0.934	U	8.59		2.34	U	4.36		3.89	U
Heptane	142-82-5				ug/m3	0.82	U	19.4		56.6		3.96		5.29	
cis-1,3-Dichloropropene	10061-01-5				ug/m3	0.908	U	1.82	U	2.27	U	1.82	U	3.78	U
4-Methyl-2-pentanone	108-10-1				ug/m3	2.05	U	5.12		8.36		4.1	U	8.52	U
trans-1,3-Dichloropropene	10061-02-6				ug/m3	0.908	U	1.82	U	2.27	U	1.82	U	3.78	U
1,1,2-Trichloroethane	79-00-5				ug/m3	1.09	U	2.18	U	2.73	U	2.18	U	4.54	U

Table 3.5
Summary of Soil Vapor Sample Results
32, 36, and 38 Main Street, and
1 and 3 Riverdale Ave. Yonkers, NY

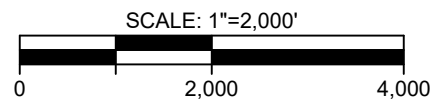
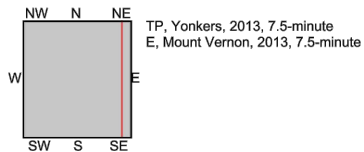
LOCATION						AMB-1		SVP-2		SVP-3		SVP-4		SVP-5	
SAMPLING DATE						5/25/2021		5/25/2021		5/25/2021		5/25/2021		5/25/2021	
LAB SAMPLE ID						L2127790-01		L2127790-02		L2127790-03		L2127790-04		L2127790-05	
SAMPLE TYPE						AIR		SOIL VAPOR		SOIL VAPOR		SOIL VAPOR		SOIL VAPOR	
SAMPLE DEPTH (ft.)						5		5		5		5		5	
	CasNum	NY-SSC-A	NY-SSC-B	NY-SSC-C	Units	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual
Toluene	108-88-3				ug/m3	1.7		76.5		78.8		47.1		50.9	
2-Hexanone	591-78-6				ug/m3	0.82	U	57.4		81.1		50.8		84.8	
Dibromochloromethane	124-48-1				ug/m3	1.7	U	3.41	U	4.26	U	3.41	U	7.1	U
1,2-Dibromoethane	106-93-4				ug/m3	1.54	U	3.07	U	3.84	U	3.07	U	6.4	U
Tetrachloroethene	127-18-4		100		ug/m3	1.36	U	107		67.8		4.62		5.65	U
Chlorobenzene	108-90-7				ug/m3	0.921	U	1.84	U	2.3	U	1.84	U	3.84	U
Ethylbenzene	100-41-4				ug/m3	0.869	U	354		27.3		5.56		37.8	
p/m-Xylene	179601-23-1				ug/m3	2.15		1060		96.4		18.2		128	
Bromoform	75-25-2				ug/m3	2.07	U	4.14	U	5.17	U	4.14	U	8.61	U
Styrene	100-42-5				ug/m3	0.852	U	1.7	U	2.13	U	1.7	U	3.55	U
1,1,2,2-Tetrachloroethane	79-34-5				ug/m3	1.37	U	2.75	U	3.43	U	2.75	U	5.72	U
o-Xylene	95-47-6				ug/m3	0.869	U	397		50.4		6.56		40.5	
4-Ethyltoluene	622-96-8				ug/m3	0.983	U	3.69		2.46	U	1.97	U	4.1	U
1,3,5-Trimethylbenzene	108-67-8				ug/m3	0.983	U	4.69		2.46	U	1.97	U	4.1	U
1,2,4-Trimethylbenzene	95-63-6				ug/m3	0.983	U	22.9		3.58		4.17		5.6	
Benzyl chloride	100-44-7				ug/m3	1.04	U	2.07	U	2.59	U	2.07	U	4.31	U
1,3-Dichlorobenzene	541-73-1				ug/m3	1.2	U	2.4	U	3.01	U	2.4	U	5.01	U
1,4-Dichlorobenzene	106-46-7				ug/m3	1.2	U	2.4	U	3.01	U	2.4	U	5.01	U
1,2-Dichlorobenzene	95-50-1				ug/m3	1.2	U	2.4	U	3.01	U	2.4	U	5.01	U
1,2,4-Trichlorobenzene	120-82-1				ug/m3	1.48	U	2.97	U	3.71	U	2.97	U	6.18	U
Hexachlorobutadiene	87-68-3				ug/m3	2.13	U	4.27	U	5.33	U	4.27	U	8.89	U

Figures

N:\ACAD\11846\CAD\PHASE II ESA REPORT\11846 - FIG-1 - SITE LOCATION MAP.DWG 06/16/21 01:49:23PM, jenny, LAYOUT:FIG-1



REFERENCE:
 HISTORICAL TOPOGRAPHICAL MAP PREPARED BY EDR, MAP DATED 2013.



32, 36, AND 38 MAIN STREET
 & 1 AND 3 RIVERDALE AVENUE
 YONKERS, WESTCHESTER COUNTY, NEW YORK

SITE LOCATION MAP

SESI
 CONSULTING
 ENGINEERS

CERT. OF AUTH. # 24GA27934700
**SOILS / FOUNDATIONS
 SITE DESIGN
 ENVIRONMENTAL**

12A MAPLE AVE. PINE BROOK, N.J. 07058 PH: 973-808-9050

FIG-1.1

DRAWN BY: aas
 CHECKED BY: RW
 SCALE: AS NOTED
 DATE: 06/16/2021
 JOB NO.: 11846

N:\ACAD\11846\CAD\PHASE II ESA REPORT\11846 - FIG-1.2 - SITE PLAN.DWG 06/16/21 01:49:55PM, Jenny, LAYOUT: FIG-1.2



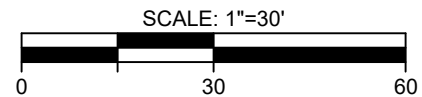
LEGEND:

----- - PROPERTY LINE

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REFERENCE
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ENVIRONMENTAL

12A MAPLE AVE. PINE BROOK, N.J. 07058 PH: 973-808-9050

project:
32, 36, AND 38 MAIN STREET
& 1 AND 3 RIVERDALE AVENUE
YONKERS, WESTCHESTER COUNTY, NEW YORK

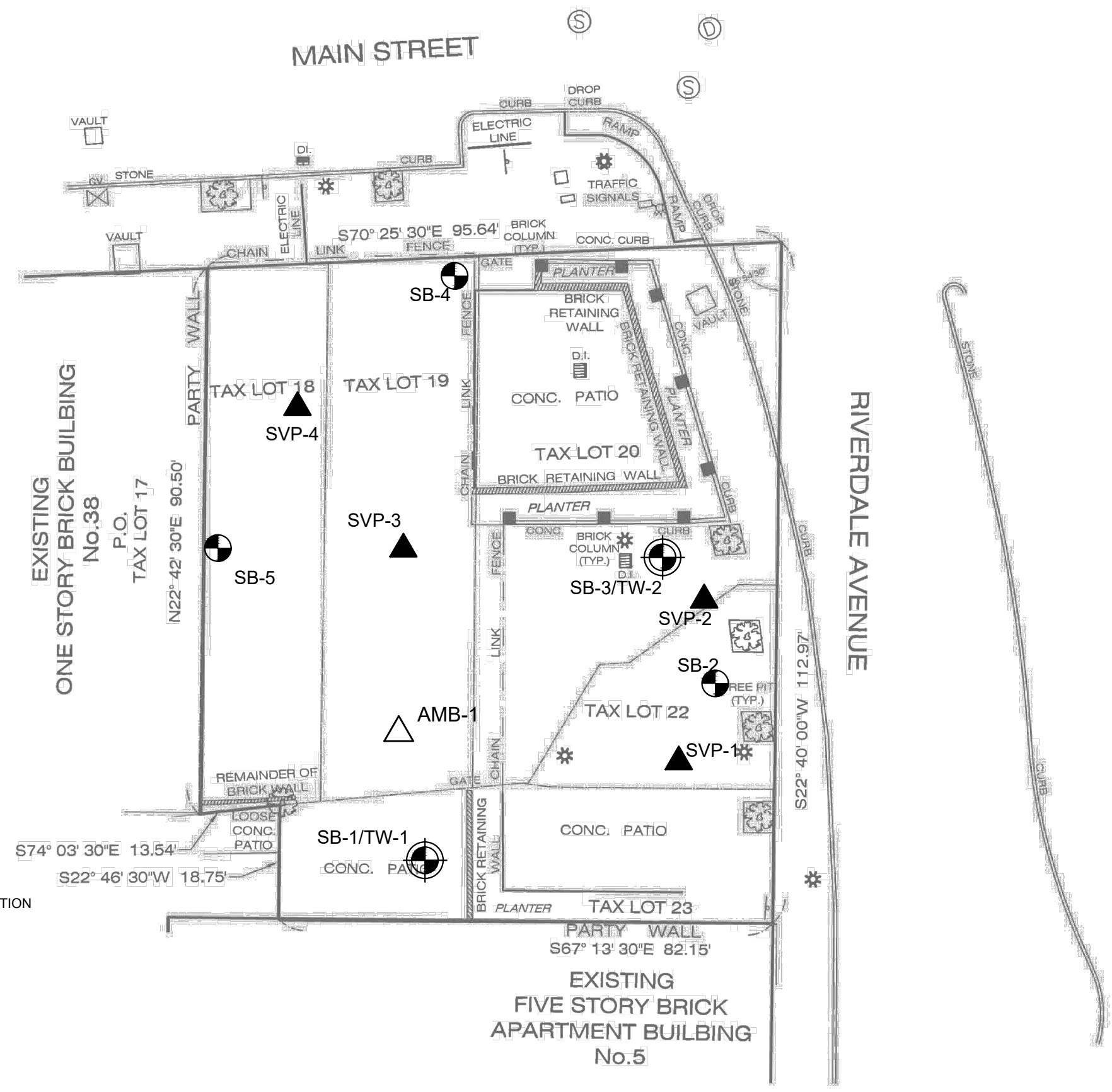
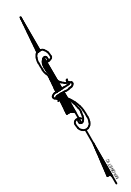
title:
SITE PLAN

job no: 11846
drawing no:

FIG-1.2

N:\ACAD\11846\CAD\PHASE II ESA REPORT\11846 - FIG-2 - SAMPLE LOCATION PLAN updated point numbers.dwg, 6/16/2021 5:25:27 PM, DWG To PDF.pc3

N:\ACAD\11846\CAD\PHASE II ESA REPORT\11846 - FIG-2 - SAMPLE LOCATION PLAN UPDATED POINT NUMBERS.DWG 06/16/21 05:25:28PM, fl, LAYOUT:FIG-2

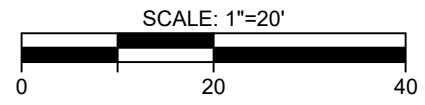


- LEGEND:**
- SB-2 - BORING NUMBER & APPROX. LOCATION
 - SB-1/TW-1 - BORING & TEMP WELL NUMBER & APPROX. LOCATION
 - SVP-4 - VAPOR POINT NUMBER & APPROX. LOCATION
 - AMB-1 - AMBIENT AIR SAMPLE APPROX. LOCATION

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REFERENCE
 SITE INFORMATION TAKEN FROM SITE SURVEY PREPARED BY GABRIEL E. SENOR, DATED MAY 4, 2021.



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project: 32, 36, AND 38 MAIN STREET & 1 AND 3 RIVERDALE AVENUE YONKERS, WESTCHESTER COUNTY, NEW YORK

title: **SAMPLE LOCATION PLAN**

job no: 11846
 drawing no:

FIG-2.1



LOCATION	SB-4 (2.5-3)		SB-4 (5.5-6)	
SAMPLING DATE	5/26/2021		5/26/2021	
SAMPLE DEPTH (ft.)	2.5 - 3		5.5 - 6	
Units (mg/kg)	Conc	Q	Conc	Q
Benzo(a)anthracene	1.3		1.6	
Benzo(a)pyrene	1.2		1.5	
Benzo(b)fluoranthene	1.7		2.3	
Chrysene	1.4		1.9	
Indeno(1,2,3-cd)pyrene	0.8		0.98	
Lead, Total	258		189	
Mercury, Total	0.215		0.238	
Zinc, Total	235		120	

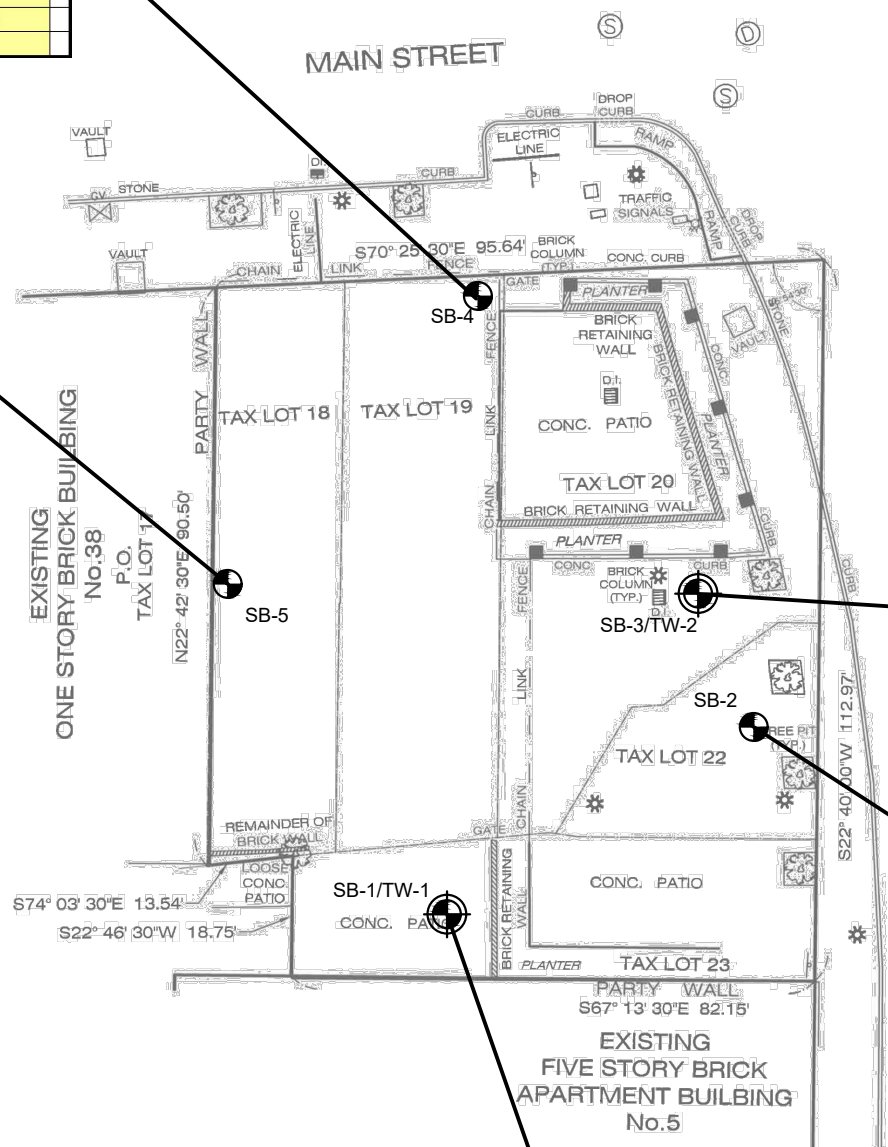
LOCATION	SB-5 (3.5-4)	
SAMPLING DATE	5/26/2021	
SAMPLE DEPTH (ft.)	3.5 - 4	
Units (mg/kg)	Conc	Q
Benzo(a)anthracene	2.3	
Benzo(a)pyrene	2	
Benzo(b)fluoranthene	2.6	
Benzo(k)fluoranthene	0.92	
Chrysene	2.1	
Indeno(1,2,3-cd)pyrene	1.2	
Mercury, Total	0.199	
Zinc, Total	69.9	

	USCO (mg/kg)	RSCO (mg/kg)	RRSCO (mg/kg)
VOCs			
Acetone	0.05	100	100
SVOCs			
Benzo(a)anthracene	1	1	1
Benzo(a)pyrene	1	1	1
Benzo(b)fluoranthene	1	1	1
Benzo(k)fluoranthene	0.8	1	3.9
Chrysene	1	1	3.9
Dibenzo(a,h)anthracene	0.33	0.33	0.33
Indeno(1,2,3-cd)pyrene	0.5	0.5	0.5
Pesticides			
4,4'-DDT	0.0033	2.6	13
Metals			
Lead, Total	63	400	400
Mercury, Total	0.18	0.81	0.81
Zinc, total	109	2200	10000

LOCATION	SB-3 (5.5-6')	
SAMPLING DATE	5/25/2021	
SAMPLE DEPTH (ft.)	5.5 - 6	
Units (mg/kg)	Results	Q
4,4'-DDE	0.00431	
Indeno(1,2,3-cd)pyrene	6.2	
Benzo(b)fluoranthene	11	
Benzo(k)fluoranthene	3.8	
Chrysene	9.1	
Benzo(a)pyrene	8.5	
Dibenzo(a,h)anthracene	1.5	
Benzo(a)anthracene	11	
Lead, Total	213	
Mercury, Total	0.258	
Zinc, Total	132	

LOCATION	SB-2 (2.5-3)	
SAMPLING DATE	5/26/2021	
SAMPLE DEPTH (ft.)	2.5 - 3	
Units (mg/kg)	Conc	Q
Benzo(a)anthracene	1.7	
Benzo(a)pyrene	1.4	
Benzo(b)fluoranthene	1.7	
Chrysene	1.6	
Indeno(1,2,3-cd)pyrene	0.93	

LOCATION	SB-1 (1.5-2')	
SAMPLING DATE	5/25/2021	
SAMPLE DEPTH (ft.)	1.5 - 2	
Units (mg/kg)	Results	Q
Indeno(1,2,3-cd)pyrene	0.72	
Benzo(b)fluoranthene	1.4	
Chrysene	1.2	
Benzo(a)pyrene	1	
Benzo(a)anthracene	1.3	
Lead, Total	80	
Mercury, Total	0.937	
Zinc, Total	188	



LEGEND:

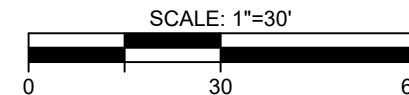
- SB-2 - SOIL BORING NUMBER & APPROX. LOCATION
- SB-1/GW-1 - SOIL BORING & GROUNDWATRE NUMBER & APPROX. LOCATION

- 1.2 - RSCO: NEW YORK NYCRR PART 375 RESIDENTIAL CRITERIA, NEW YORK RESTRICTED USE CRITERIA PER 6 NYCRR PART 375 ENVIRONMENTAL REMEDIATION PROGRAMS, EFFECTIVE DECEMBER 14, 2006.
- 1.3 - RRSCO: NEW YORK NYCRR PART 375 RESTRICTED-RESIDENTIAL CRITERIA, NEW YORK RESTRICTED USE CRITERIA PER 6 NYCRR PART 375 ENVIRONMENTAL REMEDIATION PROGRAMS, EFFECTIVE DECEMBER 14, 2006.
- 80 - USCO: NEW YORK NYCRR PART 375 NEW YORK UNRESTRICTED USE CRITERIA PER 6 NYCRR PART 375 ENVIRONMENTAL REMEDIATION PROGRAMS, EFFECTIVE DECEMBER 14, 2006.

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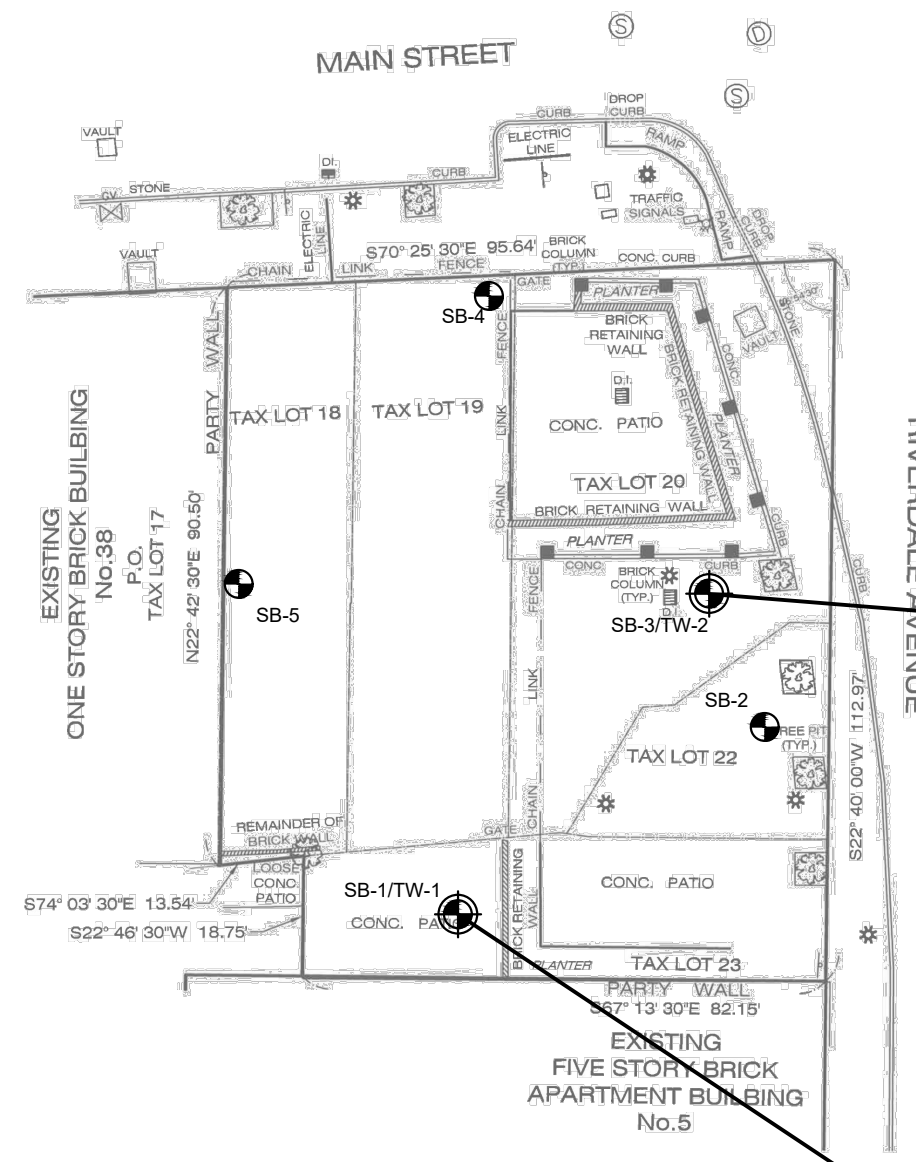
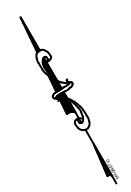
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 YONKERS, WESTCHESTER COUNTY, NEW YORK

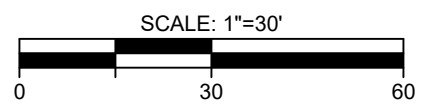
title:
SOIL SAMPLE LOCATIONS AND CONCENTRATIONS

job no: 11846
 drawing no:

FIG-3.1



- LEGEND:**
- SB-2 - SOIL BORING NUMBER & APPROX. LOCATION
 - SB-1/GW-1 - SOIL BORING & GROUNDWATRE NUMBER & APPROX. LOCATION
 - 80 - CONCENTRATION EXCEEDS AWQS



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Analyte	AWQS (ug/L)
Tetrachloroethene	5
Toluene	5
Benzo(a)anthracene	0.23
Benzo(a)pyrene	0.16
Benzo(b)fluoranthene	0.33
Benzo(k)fluoranthene	0.1
Chrysene	0.28
Indeno(1,2,3-cd)pyrene	0.18
Arsenic, Total	25
Barium, Total	1000
Beryllium, Total	3
Cadmium, Total	5
Chromium, Total	50
Copper, Total	200
Iron, Total	300
Lead, Total	25
Magnesium, Total	35000
Manganese, Total	300
Nickel, Total	100
Sodium, Total	20000
Thallium, Total	0.5
Zinc, Total	2000

AWQS: NEW YORK TOGS 111 AMBIENT WATER QUALITY STANDARDS CRITERIA REFLECTS ALL ADDENDUM TO CRITERIA THROUGH JUNE 2004.

LOCATION	SB-1 GW
SAMPLING DATE	5/26/2021
Tetrachloroethene	33
Toluene	15
Benzo(a)anthracene	0.23
Benzo(a)pyrene	0.16
Benzo(b)fluoranthene	0.33
Benzo(k)fluoranthene	0.1
Chrysene	0.28
Indeno(1,2,3-cd)pyrene	0.18
Arsenic, Total	84.31
Barium, Total	51980
Beryllium, Total	41.74
Cadmium, Total	13.7
Chromium, Total	3310
Copper, Total	6880
Iron, Total	1460000
Lead, Total	1323
Magnesium, Total	796000
Manganese, Total	73680
Nickel, Total	3312
Sodium, Total	406000
Thallium, Total	17.36
Zinc, Total	4850

LOCATION	SB-3 GW
SAMPLING DATE	5/26/2021
Tetrachloroethene	9.8
Benzo(a)anthracene	0.03
Benzo(a)pyrene	0.02
Benzo(b)fluoranthene	0.03
Chrysene	0.01
Indeno(1,2,3-cd)pyrene	0.02
Arsenic, Total	34.37
Barium, Total	6046
Beryllium, Total	13.71
Cadmium, Total	5.2
Chromium, Total	667.9
Copper, Total	2436
Iron, Total	397000
Lead, Total	730.6
Magnesium, Total	166000
Manganese, Total	36070
Nickel, Total	2009
Selenium, Total	17.6
Sodium, Total	424000
Thallium, Total	5.75

dwg by: aas
 chk by: RW
 scale: AS NOTED
 date: 07/27/2021

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 & 1 AND 3 RIVERDALE AVENUE
 YONKERS, WESTCHESTER COUNTY, NEW YORK

title: GROUNDWATER SAMPLE LOCATIONS
 AND CONCENTRATIONS

job no: 11846
 drawing no:

FIG-3.2

LOCATION	SVP-4	
SAMPLING DATE	5/25/2021	
SAMPLE DEPTH (ft.)	5	
	Results	Qual
1,1,1-Trichloroethane	2.18	U
Trichloroethene	2.15	U
Tetrachloroethene	4.62	
Acetone	61.8	
2-Butanone	375	
Carbon Disulfide	3.36	
2-Hexanone	50.8	
1,3-Butadiene	0.885	U
Ethanol	21.9	
n-Hexane	4.48	
Benzene	2.38	
Heptane	3.96	
Toluene	47.1	
Ethylbenzene	5.56	
p/m-Xylene	18.2	
o-Xylene	6.56	
Total Xylenes	24.76	
1,3,5-Trimethylbenzene	1.97	U
1,2,4-Trimethylbenzene	4.17	

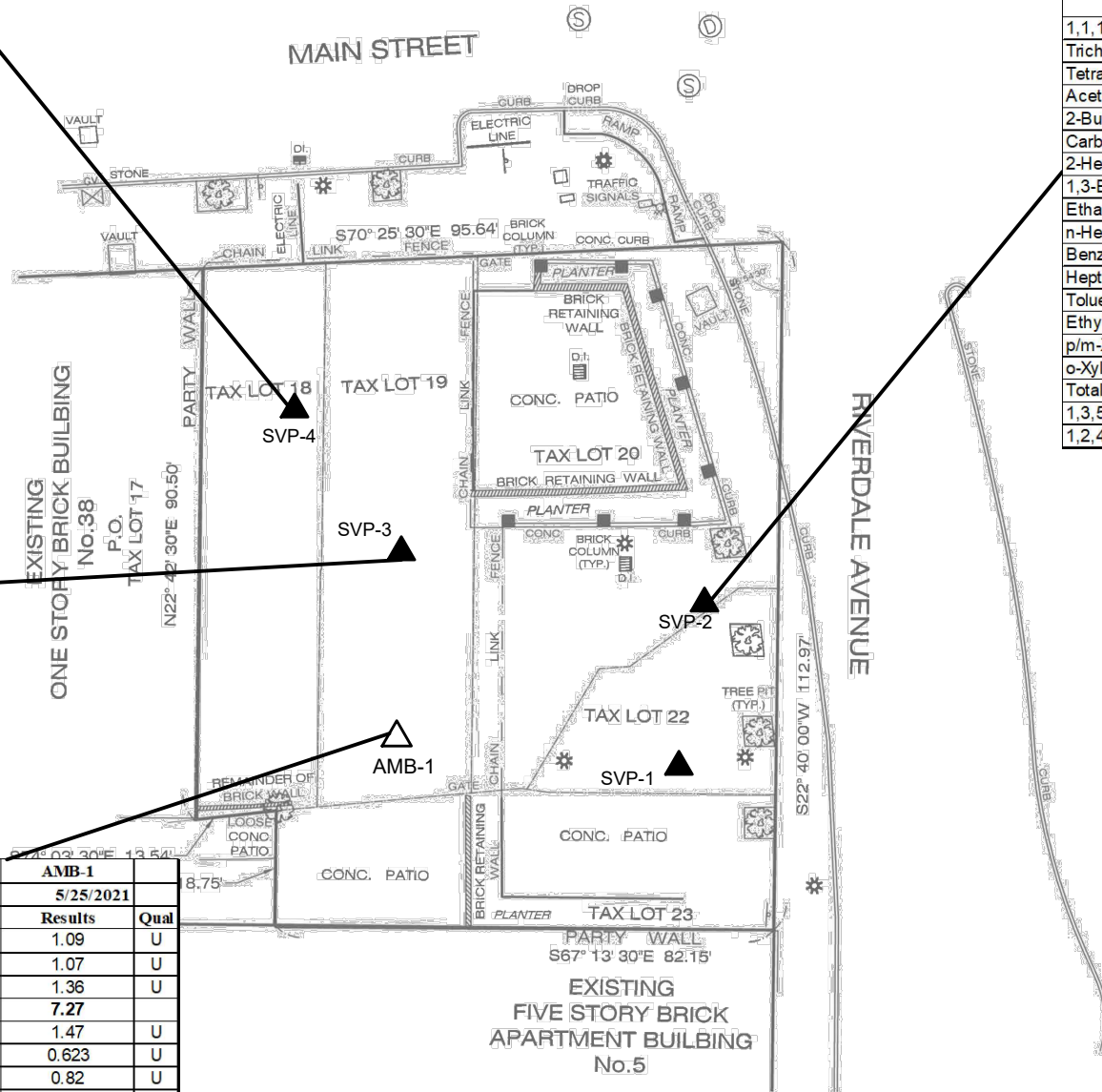
LOCATION	SVP-3	
SAMPLING DATE	5/25/2021	
SAMPLE DEPTH (ft.)	5	
	Results	Qual
1,1,1-Trichloroethane	5.3	
Trichloroethene	2.69	U
Tetrachloroethene	67.8	
Acetone	138	
2-Butanone	268	
Carbon Disulfide	31.8	
2-Hexanone	81.1	
1,3-Butadiene	48	
Ethanol	36	
n-Hexane	73.7	
Benzene	53	
Heptane	56.6	
Toluene	78.8	
Ethylbenzene	27.3	
p/m-Xylene	96.4	
o-Xylene	50.4	
Total Xylenes	146.8	
1,3,5-Trimethylbenzene	2.46	U
1,2,4-Trimethylbenzene	3.58	

LOCATION	AMB-1	
SAMPLING DATE	5/25/2021	
	Results	Qual
1,1,1-Trichloroethane	1.09	U
Trichloroethene	1.07	U
Tetrachloroethene	1.36	U
Acetone	7.27	
2-Butanone	1.47	U
Carbon Disulfide	0.623	U
2-Hexanone	0.82	U
1,3-Butadiene	0.442	U
Ethanol	10.6	
n-Hexane	0.705	U
Benzene	0.639	U
Heptane	0.82	U
Toluene	1.7	
Ethylbenzene	0.869	U
p/m-Xylene	2.15	
o-Xylene	0.869	U
Total Xylenes	3.019	
1,3,5-Trimethylbenzene	0.983	U
1,2,4-Trimethylbenzene	0.983	U

NY-SSC-B	
ANALYTE	(ug/m3)
Tetrachloroethene	100

NY-SSC-B: NEW YORK DOH MATRIX B SUB-SLAB VAPOR CONCENTRATIONS CRITERIA PER GUIDANCE FOR EVALUATING SOIL VAPOR INTRUSION, OCTOBER 2006, AND UPDATED MAY 2017.

LOCATION	SVP-2	
SAMPLING DATE	5/25/2021	
SAMPLE DEPTH (ft.)	5	
	Results	Qual
1,1,1-Trichloroethane	4.04	
Trichloroethene	3.15	
Tetrachloroethene	107	
Acetone	133	
2-Butanone	265	
Carbon Disulfide	7.38	
2-Hexanone	57.4	
1,3-Butadiene	4.09	
Ethanol	82	
n-Hexane	17.8	
Benzene	5.78	
Heptane	19.4	
Toluene	76.5	
Ethylbenzene	354	
p/m-Xylene	1060	
o-Xylene	397	
Total Xylenes	1457	
1,3,5-Trimethylbenzene	4.69	
1,2,4-Trimethylbenzene	22.9	



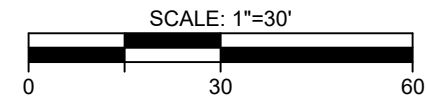
LEGEND:

- SVP-4 - VAPOR POINT NUMBER & APPROX. LOCATION
- AMB-1 - AMBIENT AIR SAMPLE APPROX. LOCATION
- 80 - CONCENTRATION EXCEEDS NY-SSC-B

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REFERENCE
SITE INFORMATION TAKEN FROM SITE SURVEY PREPARED BY GABRIEL E. SENOR, DATED MAY 4, 2021.



dwg by: aas
chk by: RW
scale: AS NOTED
date: 06/16/2021

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project:
32, 36, AND 38 MAIN STREET
& 1 AND 3 RIVERDALE AVENUE
YONKERS, WESTCHESTER COUNTY, NEW YORK

title:
SOIL VAPOR LOCATIONS AND
CONCENTRATIONS

job no: 11846
drawing no:

FIG-3.3

Appendix A: GPR Reports



Geophysical Investigation Report

Location:

**32 Main Street
Yonkers, NY
(AGInc. Job No. 1920063)**

Prepared for:

**SESI Consulting Engineers
12A Maple avenue
Pine Brook, NJ 07058**

Investigated and prepared by:

**Michael Dias
Geophysical SUE Technician**

**American Geophysics, Inc.
180 Main Street, #177
Butler, NJ 07405
833-SCAN GPR/ 833-722-6477**

Completed on:

May 25th, 2021

INTRODUCTION

American Geophysics, Inc. (AGInc.), is a geophysical survey and investigation services firm which provides Environmental & Engineering Geophysics (EEG) services to the environmental consulting, construction, and engineering communities. Led by over 20 years of field experience, AGInc. takes pride in providing the highest training for our technicians and the use of the most current and state-of-the-art equipment. This winning combination of experience and technology results in the most accurate findings.

METHODOLOGY

Geophysical surveys are typically accomplished by employing the following techniques; Ground-penetrating Radar (GPR), electromagnetic metal detector (Fisher TW6), radio frequency line locating (RF), Electromagnetic Profiler (EM). Underground storage tanks (USTs), utilities, and metallic anomalies are typically traced and mapped with RF, GPR, EM, and a magnetometer depending on the size, matrix and conductive properties of the targets. Site conditions and client specifications of the areas of concern (AOCs), determine the survey approach and equipment used to provide the most comprehensive data possible.

Equipment Used:

Radiodetection RD1100 250MHz ground penetrating radar (GPR)

Radiodetection RD8000 PDL pipe and cable locator

Dowsing/Divining Rods

SCOPE OF WORK

On May 25th, 2021, a geophysical survey and investigation was performed and completed at the above mentioned location. The scope of work was to identify subsurface utilities and any unknown anomalies around the client directed exterior boring locations. The surface conditions consisted of concrete walkways and bare-soils. The property was investigated using the RD1100 250MHz (GPR), and the RD8000 pipe/cable locator.

SURVEY RESULTS

All the equipment was used in an octagonal-grid pattern over each of the AOCs. 3D data was collected and 2D locations were logged. The RD 8000 was also used in many different modes, directly and passively. All neighboring utility access points, as well as all pipes/conduits going in or out of the ground were directly induced. Please note that all depths are estimated below ground surface (BGS). The best possible data points were collected and all findings are estimated and dependent upon soil types/conditions, weather conditions and the dielectric properties of the subsurface during the time of the investigation. All findings were discussed with the client and marked on site in APWA color-coded paints and flags. All unknown subsurface anomalies were painted pink.

LISTED SURVEY RESULTS (Utility Markout/Investigation):

- 1) The electric line for the sight lights in the concrete walkway area was detected at ~1ft BGS and marked with red paint.
- 2) The client's directed boring locations were investigated with the GPR and dowsing/divining rods along with the RD8000, and were marked with pink paint and white flags, and discussed on site with the client representative.

LIMITATIONS

Areas within ~3 feet of any wall and/or any other vertical obstruction can not be fully investigated and confirmed due to the physical inability to get the center of any GPR antenna flush to the wall. Subsurface congestion can lead to coupling. This also can lead to distortion, attenuation, "bleed-off" and sympathetic signals. Due to surface conditions and the dielectric properties of the subsurface and properties of concrete, plastic polymer, and fiberglass, not all subsurface anomalies and utilities may have been detected. Buildings, concrete barriers, wet soils, saturated conditions, cracked surfaces, curb lines, and metal structures may have affected survey results near and immediately beneath them.

GPR signal penetration depth during survey/investigation: ~(5-7ft) BGS

Figures

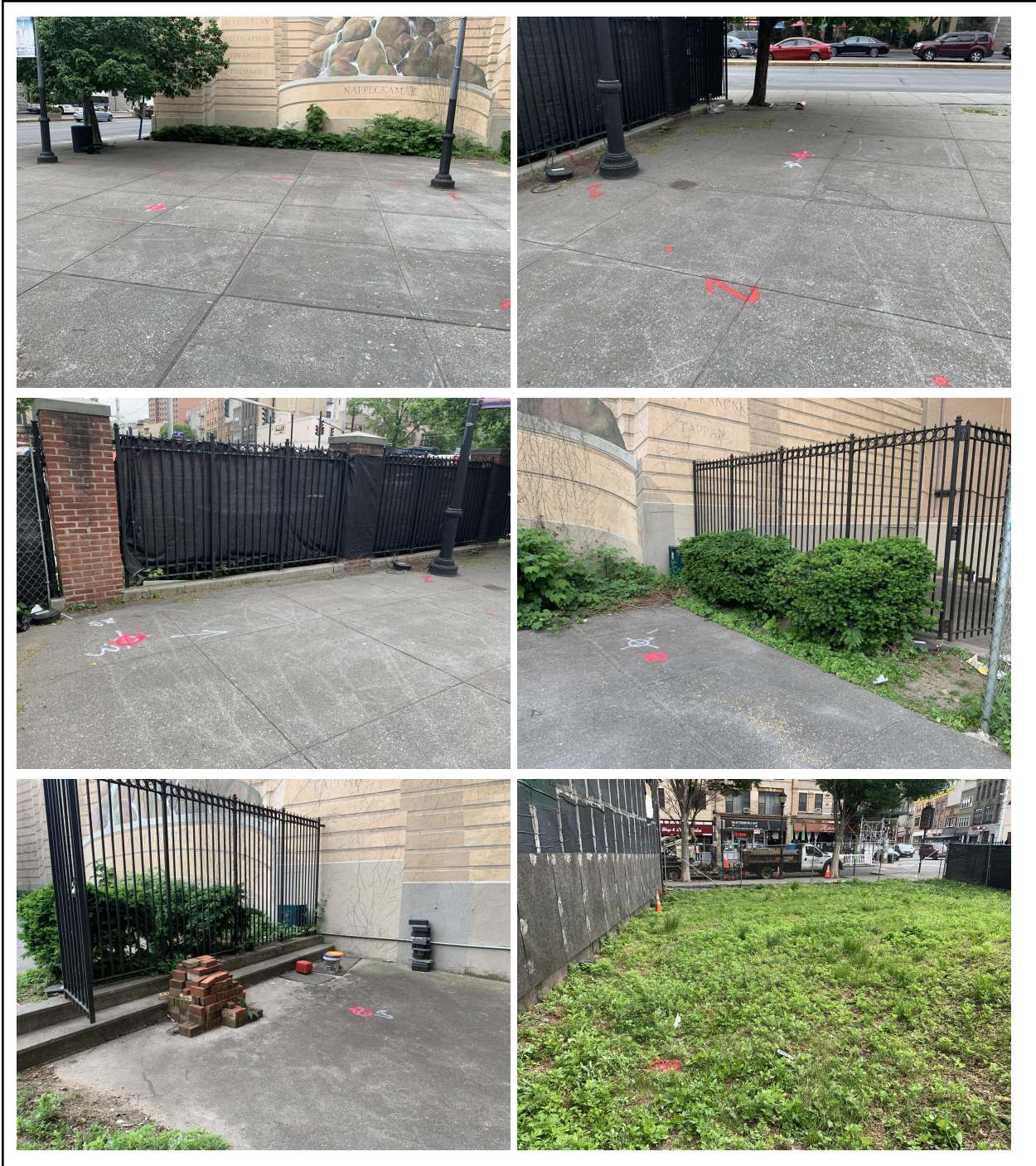




Fig. 1: Images of the client's proposed boring locations investigated.

WARRANTIES

- ***American Geophysics, Inc. does not guarantee that utilities, conduit, and steel reinforcement will be avoided during drilling, cutting, trenching, and coring.***
- ***All utility designating will be in compliance with ASCE 38-02 (level B).***
- ***All field services were conducted in compliance with the industry standard of care guidelines found in CSDA-BP-007 and marked in appropriate colors as per the APWA (American Public Works Association).***
- ***The GPR unit must have direct contact with the concrete in order to collect quality data.***
- ***Any areas covered with debris cannot be scanned correctly with GPR.***
- ***Wet floors will not allow proper marking with paint and/or permanent marker.***
- ***All concrete slabs must be monolithic pours.***
- ***Dairy brick and some types of tile may cause signal interference.***
- ***New concrete can adversely affect the signal penetration and should be given a minimum of one month curing time.***
- ***All areas should be clear for scanning and marking.***

The field observations and measurements reported herein are considered sufficient in detail and scope for this project. American Geophysics, Inc. warrants that the findings and conclusions contained herein have been promulgated in accordance with generally accepted geophysical methods. There is a possibility that conditions may exist which could not be identified within the scope of this project and were not apparent during the site activities performed for this project.

American Geophysics, Inc. represents that the services were performed in a manner consistent with that level of care and skill ordinarily exercised by geophysical consultants under similar circumstances. No other representations to Client, express or implied, and no warranty or guarantee is included or intended in this agreement, or in any report, document, or otherwise.

American Geophysics, Inc. believes that the information provided in this report is reliable. However, American Geophysics, Inc. cannot warrant or guarantee that the information provided by others is complete or accurate. No other warranties or guarantees are implied or expressed.

GPR data is subject to signal anomalies and operator interpretation. The GPR data is intended to provide the locations of areas of concern requiring additional investigation or the approximate location of underground structures and utilities. Great care must be utilized when excavating, drilling, and cutting around subsurface structures and utilities, since GPR data can only be used for estimation purposes and GPR data, is subject to misinterpretation. American Geophysics, Inc. cannot guarantee that utilities, post-tension cables, and/or rebar will not be incurred during drilling, cutting, coring, and excavation activities.

Hand clearing or vacuum-excavation should be performed within 2.5' of any marks. American Geophysics, Inc. does not guarantee that utilities will not be encountered during drilling and/or excavation. Mark-out services performed by American Geophysics, Inc. do not satisfy state mark out requirements. By law, the appropriate state mark-out service must be notified prior to any digging activities (i.e. NJ one-call, PA one-call, CT call before you dig, MD & VA miss utility, dig safely NY, FL one-call, 811 one-call, call before you dig, Sunshine State One-Call).

This report was prepared pursuant to the contract American Geophysics, Inc. has with the Client. That contractual relationship included an exchange of information about the property that was unique and between American Geophysics, Inc. and its client and serves as the basis upon which this report was prepared. Because of the importance of the communication between American Geophysics, Inc. and its client, reliance or any use of this

report by anyone other than the Client, for whom it was prepared, is prohibited and therefore not foreseeable to American Geophysics, Inc.

Reliance or use by any such third party without explicit authorization in the report does not make said third party a third-party beneficiary to American Geophysics, Inc. contract with the Client. Any such unauthorized reliance on or use of this report, including any of its information or conclusions, will be at the third party's risk. For the same reasons, no warranties or representations, expressed or implied in this report, are made to any such third party.

Appendix B: Boring Logs



BORING LOG

Job:	11846	Boring:	B-1	Client:	MacQuesten Companies
Project:	Proposed Residential Development			Observer:	M. Zwingle
Location:	32, 36 & 38 Main St. Yonkers, NY			Elevation:	Not Surveyed

Date Started:	May 25, 2021	Date Completed:	May 25, 2021	Boring Location Offset:	N/A		
Contractor:	AARCO	Type of Rig:	Geoprobe 7822DT	Weather:	Overcast	Temperature:	70°F
Driller:	Julio	Helper:	Jose	Rotary Bit Diameter:			
Casing Dia.:	Inches	Casing Depth:	Feet	Auger Diameter:	OD:	Inches	ID: 4-1/4 Inches

Drilling Mud Utilized:	<input checked="" type="checkbox"/> None	<input type="checkbox"/> Water	<input type="checkbox"/> Quickgel	<input type="checkbox"/> Bentonite	<input type="checkbox"/> Revert	<input type="checkbox"/> Ez Mud	<input type="checkbox"/> Other
SAMPLING EQUIPMENT (type and size)	Split Spoon Sampler:	<input type="checkbox"/> 2-inch Diameter		<input type="checkbox"/> 3-inch Diameter			
	U-tube Sampler:	<input type="checkbox"/> Piston	<input type="checkbox"/> Shelby	<input type="checkbox"/> Other			
	Core Barrel:	Core Bit:					
	Sampler Hammer:	<input type="checkbox"/> External Anvil	<input type="checkbox"/> Mobile Safety	<input type="checkbox"/> Auto	<input type="checkbox"/> Mechanical Trip		
Weight:	lbs.		Drop Height:	Inches			

WATER LEVEL OBSERVATIONS					
Date	Time	Depth of Hole	Depth of Casing	Depth to Water	Remarks
5/25/2021	9:15 AM	35'	--	16'-17'	

SAMPLE					SAMPLE DESCRIPTION	Depth	Strata	Rec.	REMARKS
Number	Interval	Blows/6"	N- Value						
S-1	0-2	0	12	24	4" Concrete Slab			24"	
		12	24		Fill: Grey coarse to fine Gravel, some coarse to fine Sand, trace Silt, with concrete and brick		F		
					W.C.= 2.6% (-200)= 7.1%	5			
S-2	5-7	14	25	50	Red-brown medium to fine SAND, some Silt, trace Gravel			13"	
		25	28		W.C.= 7.7% (-200)= 32.6%	10			
S-3	10-12	8	12	21	Brown to Red-Brown SILT, some medium to fine Sand			18"	
		9	10		W.C.= 21.8% (-200)= 72.2%	15			-Observed in soil cuttings
					Brown medium to fine SAND, trace Gravel, trace Silt				
S-4	15-17	5	6	15	Brown medium to fine SAND, trace Silt, trace Gravel			10"	
		9	9			20	GD		
S-5	20-22	8	6	12	Brown to Red-Brown medium to fine SAND, some Silt, trace Gravel			13"	
		6	4			25			
S-6	25-27	10	12	18	Brown coarse to fine SAND, some Silt, trace Gravel			20"	-Possible cobbles
		6	6			30			

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Pp: Pocket Penetrometer; WOH: Weight of Hammer; WOR: Weight of Rod

Approximate Change in Strata: _____ Inferred Change in Strata: _____

Soil descriptions represent a field identification after D.M. Burmister unless otherwise noted.



BORING LOG

Job:	11846	Boring No.:	B-1	Client:	MacQuesten Companies
Project:	Proposed Residential Development			Observer:	M. Zwingle
Location:	32, 36 & 38 Main St. Yonkers, NY			Elevation:	Not Surveyed

SAMPLE				SAMPLE DESCRIPTION	Depth	Strata	Rec.	REMARKS
No.	Interval	Blows/6"	N- Value					
S-7	30-32	8	7	14	Brown coarse to fine SAND, some Silt, trace Gravel			
		7	6					
				B-1 TERMINATED AT 35± FEET	35			-Temporary monitoring well (1-inch PVC) was installed after the completion of the boring to a depth of 35 feet. Groundwater was observed at a depth of 15.5 feet below ground surface
					40			
					45			
					50			
					55			
					60			
					65			
					70			
					75			


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Pp: Pocket Penetrometer; WOH: Weight of Hammer; WOR: Weight of Rod

Approximate Change in Strata: _____

Inferred Change in Strata:

Soil descriptions represent a field identification after D.M. Burmister unless otherwise noted.

		<h1 style="margin: 0;">BORING LOG</h1>			Job: 11846	Boring: B-2	Client: MacQuesten Companies
					Project: Proposed Residential Development		Observer: M. Zwingle
					Location: 32, 36 & 38 Main St. Yonkers, NY		Elevation: Not Surveyed
Date Started: May 26, 2021	Date Completed: May 26, 2021	Boring Location Offset: N/A					
Contractor: AARCO	Type of Rig: Geoprobe 7822DT	Weather: Overcast		Temperature: 70°F			
Driller: Julio	Helper: Jose	Rotary Bit Diameter: 3-7/8"					
Casing Dia.: Inches	Casing Depth: Feet	Auger Diameter:	OD: Inches	ID: Inches			
Drilling Mud Utilized:							
<input type="checkbox"/> None <input type="checkbox"/> Water <input type="checkbox"/> Quickgel <input checked="" type="checkbox"/> Bentonite <input type="checkbox"/> Revert <input type="checkbox"/> Ez Mud <input type="checkbox"/> Other							
SAMPLING EQUIPMENT (type and size)	Split Spoon Sampler:		<input checked="" type="checkbox"/> 2-inch Diameter		<input type="checkbox"/> 3-inch Diameter		
	U-tube Sampler:		<input type="checkbox"/> Piston		<input type="checkbox"/> Shelby		
	Core Barrel:		Core Bit:				
	Sampler Hammer:		<input type="checkbox"/> External Anvil		<input type="checkbox"/> Mobile Safety		
	Weight:		lbs.		Drop Height: Inches		
WATER LEVEL OBSERVATIONS							
Date	Time	Depth of Hole	Depth of Casing	Depth to Water	Remarks		
5/26/2021	12:30 PM	27±	--	16-17			
SAMPLE							
Number	Interval	Blows/6"	N- Value	SAMPLE DESCRIPTION		Depth	
S-1	0-2	11	12	30	8" Concrete Pavement	18"	
		18	110		Fill: Brown coarse to fine SAND, trace Silt, with brick		
S-2	2-2.3	50/3"			NO RECOVERY	F 0"	
S-3	4-6	70	25	31	Fill: Brown coarse to fine SAND, and medium to fine Gravel, little Silt, with concrete and brick	5 16"	
		6	6		W.C.= 8.9% (-200)= 10.0%		
S-4	6-8	36	32	42	Brown coarse to fine SAND, trace Gravel, trace Silt	12"	
		10	6				
S-5	8-10	13	16	30	Brown medium to fine SAND, trace Silt	8"	
		14	12			10	
S-6	10-12	6	10	17	Brown-red coarse to fine SAND, little Silt, trace Gravel	10"	
		6	7		W.C.= 9.7% (-200)= 17.3%		
						15	
S-7	15-17	5	6	14	Brown medium to fine SAND, little Silt	GD 6"	
		8	8		W.C.= 24.0% (-200)= 16.5%		
						20	
S-8	20-22	5	5	8	Brown medium to fine SAND, some Silt	8"	
		3	2		W.C.= 24.2% (-200)= 27.0%		
						25	
S-9	25-27	10	8	9	NO RECOVERY	0"	
		2	1				
					B-2 TERMINATED AT 27± FEET DUE TO TIME AVAILABLE TO COMPLETE WORK	30	

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Pp: Pocket Penetrometer; WOH: Weight of Hammer; WOR: Weight of Rod

Approximate Change in Strata: _____ Inferred Change in Strata: _____

Soil descriptions represent a field identification after D.M. Burmister unless otherwise noted.



BORING LOG

Job:	11846	Boring:	B-3	Client:	MacQuesten Companies
Project:	Proposed Residential Development			Observer:	M. Zwingle
Location:	32, 36 & 38 Main St. Yonkers, NY			Elevation:	Not Surveyed

Date Started:	May 25, 2021	Date Completed:	May 25, 2021	Boring Location Offset:	N/A			
Contractor:	AARCO	Type of Rig:	Geoprobe 7822DT	Weather:	Overcast	Temperature:	70°F	
Driller:	Julio	Helper:	Jose	Rotary Bit Diameter:				
Casing Dia.:	Inches	Casing Depth:	Feet	Auger Diameter:	OD:	Inches	ID:	4-1/4 Inches
Drilling Mud Utilized:	<input checked="" type="checkbox"/> None	<input type="checkbox"/> Water	<input type="checkbox"/> Quickgel	<input type="checkbox"/> Bentonite	<input type="checkbox"/> Revert	<input type="checkbox"/> Ez Mud	<input type="checkbox"/> Other	

SAMPLING EQUIPMENT (type and size)	Split Spoon Sampler:	<input type="checkbox"/> 2-inch Diameter	<input type="checkbox"/> 3-inch Diameter		
	U-tube Sampler:	<input type="checkbox"/> Piston	<input type="checkbox"/> Shelby	<input type="checkbox"/> Other	
	Core Barrel:	Core Bit:			
	Sampler Hammer:	<input type="checkbox"/> External Anvil	<input type="checkbox"/> Mobile Safety	<input type="checkbox"/> Auto	<input type="checkbox"/> Mechanical Trip
	Weight:	lbs.	Drop Height:	Inches	

WATER LEVEL OBSERVATIONS					
Date	Time	Depth of Hole	Depth of Casing	Depth to Water	Remarks
5/25/2021	1:45 PM	30±	--	16-17	

SAMPLE					SAMPLE DESCRIPTION	Depth	Strata	Rec.	REMARKS
Number	Interval	Blows/6"	N- Value						
S-1	0-2	12	19	41	8" Concrete Pavement			15"	
		22	17		Fill: Brown coarse to fine SAND, trace Silt, trace Gravel				
						5	F		
S-2	5-7	10	31	53	Fill: Light brown coarse to fine SAND, some Silt			15"	
		22	16		W.C.= 12.6% (-200)= 25.2%				
						10			
S-3	10-12	7	11	20	Light Brown medium to fine SAND, trace Silt			13"	
		9	9						
						15			
S-4	15-17	6	6	13	Brown coarse to fine SAND, trace Silt		GD	15"	
		7	9						
						20			
S-5	20-22	5	5	10	Brown coarse to fine SAND, little Silt, trace Gravel			14"	
		5	9		W.C.= 10.8% (-200)= 10.8%				
						25			
S-6	25-27	11	9	19	Same as above			18"	
		10	9		W.C.= 6.2% (-200)= 19.8%				
						30			

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Pp: Pocket Penetrometer; WOH: Weight of Hammer; WOR: Weight of Rod

Approximate Change in Strata: _____ Inferred Change in Strata: _____

Soil descriptions represent a field identification after D.M. Burmister unless otherwise noted.

BORING LOG

Job:	11846	Boring No.:	B-3	Client:	MacQuesten Companies
Project:	Proposed Residential Development			Observer:	M. Zwingle
Location:	32, 36 & 38 Main St. Yonkers, NY			Elevation:	Not Surveyed

SAMPLE				SAMPLE DESCRIPTION	Depth	Strata	Rec.	REMARKS
No.	Interval	Blows/6"	N- Value					
				SB-3 COMPLETED AT 30± FEET DUE TO REFUSAL ON BOULDER				-Temporary monitoring well (1-inch PVC) was installed after the completion of the boring to a depth of 30 feet. Groundwater was observed at a depth of 15.5 feet below ground surface
					35			
					40			
					45			
					50			
					55			
					60			
					65			
					70			
					75			

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Pp: Pocket Penetrometer; WOH: Weight of Hammer; WOR: Weight of Rod

Approximate Change in Strata: _____

Inferred Change in Strata:

Soil descriptions represent a field identification after D.M. Burmister unless otherwise noted.



BORING LOG

Job:	11846	Boring:	B-4	Client:	MacQuesten Companies
Project:	Proposed Residential Development			Observer:	M. Zwingle
Location:	32, 36 & 38 Main St. Yonkers, NY			Elevation:	Not Surveyed

Date Started:	May 20, 2021	Date Completed:	May 20, 2021	Boring Location Offset:	N/A			
Contractor:	AARCO	Type of Rig:	Geoprobe 7822DT	Weather:	Overcast	Temperature:	72°F	
Driller:	Julio	Helper:	Jose	Rotary Bit Diameter:				
Casing Dia.:	Inches	Casing Depth:	Feet	Auger Diameter:	OD:	Inches	ID:	4-1/4 Inches
Drilling Mud Utilized:	<input checked="" type="checkbox"/> None	<input type="checkbox"/> Water	<input type="checkbox"/> Quickgel	<input type="checkbox"/> Bentonite	<input type="checkbox"/> Revert	<input type="checkbox"/> Ez Mud	<input type="checkbox"/> Other	

SAMPLING EQUIPMENT (type and size)	Split Spoon Sampler:	<input checked="" type="checkbox"/> 2-inch Diameter	<input type="checkbox"/> 3-inch Diameter		
	U-tube Sampler:	<input type="checkbox"/> Piston	<input type="checkbox"/> Shelby	<input type="checkbox"/> Other	
	Core Barrel:	Core Bit:			
	Sampler Hammer:	<input type="checkbox"/> External Anvil	<input type="checkbox"/> Mobile Safety	<input type="checkbox"/> Auto	<input type="checkbox"/> Mechanical Trip
	Weight:	lbs.	Drop Height:	Inches	

WATER LEVEL OBSERVATIONS					
Date	Time	Depth of Hole	Depth of Casing	Depth to Water	Remarks
5/26/2021	1:45 PM	10±	--	--	

SAMPLE					SAMPLE DESCRIPTION	Depth	Strata	Rec.	REMARKS
Number	Interval	Blows/6"	N- Value						
S-1	0-2	25	17	28	Topsoil 6"			12"	
		11	11		Fill: Tan to Brown medium to fine SAND, trace Silt, with brick and concrete		F		
						5			
S-2	5-7	30	10	20	Brown medium to fine SAND, trace Silt, with concrete and brick		GD	15"	
		10	9						
						10			
					B-4 TERMINATED AT 10± FEET DUE TO AVAILABLE TIME TO COMPLETE WORK				
						15			
						20			
						25			
						30			

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Pp: Pocket Penetrometer; WOH: Weight of Hammer; WOR: Weight of Rod

Approximate Change in Strata: _____ Inferred Change in Strata: _____

Soil descriptions represent a field identification after D.M. Burmister unless otherwise noted.



BORING LOG

Job:	11846	Boring:	B-5	Client:	MacQuesten Companies
Project:	Proposed Residential Development			Observer:	M. Zwingle
Location:	32, 36 & 38 Main St. Yonkers, NY			Elevation:	Not Surveyed

Date Started:	May 26, 2021	Date Completed:	May 26, 2021	Boring Location Offset:	N/A			
Contractor:	AARCO	Type of Rig:	Geoprobe 7822DT	Weather:	Overcast	Temperature:	72°F	
Driller:	Julio	Helper:	Jose	Rotary Bit Diameter:				
Casing Dia.:	Inches	Casing Depth:	Feet	Auger Diameter:	OD:	Inches	ID:	4-1/4 Inches
Drilling Mud Utilized:	<input checked="" type="checkbox"/> None	<input type="checkbox"/> Water	<input type="checkbox"/> Quickgel	<input type="checkbox"/> Bentonite	<input type="checkbox"/> Revert	<input type="checkbox"/> Ez Mud	<input type="checkbox"/> Other	

SAMPLING EQUIPMENT (type and size)	Split Spoon Sampler:	<input checked="" type="checkbox"/> 2-inch Diameter	<input type="checkbox"/> 3-inch Diameter		
	U-tube Sampler:	<input type="checkbox"/> Piston	<input type="checkbox"/> Shelby	<input type="checkbox"/> Other	
	Core Barrel:	Core Bit:			
	Sampler Hammer:	<input type="checkbox"/> External Anvil	<input type="checkbox"/> Mobile Safety	<input checked="" type="checkbox"/> Auto	<input type="checkbox"/> Mechanical Trip
	Weight:	lbs.	Drop Height:	Inches	

WATER LEVEL OBSERVATIONS					
Date	Time	Depth of Hole	Depth of Casing	Depth to Water	Remarks
5/26/2021	3:15 PM	10±	--	--	

SAMPLE					SAMPLE DESCRIPTION	Depth	Strata	Rec.	REMARKS
Number	Interval	Blows/6"	N- Value						
S-1	0-2	10	13	28	Topsoil 6"			12"	
		15	16		Fill: Brown medium to fine SAND, trace Silt, with brick and concrete				
						5	F		
S-2	5-7	19	10	25	Fill: Brown medium to fine SAND, trace Silt, with brick and concrete			14"	
		15	20						
					Gray medium to fine SAND, trace Silt		GD		-Observed in soil cuttings
					B-5 TERMINATED AT 10± FEET DUE TO TIME AVAILABLE TO COMPLETE WORK	10			
						15			
						20			
						25			
						30			

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Pp: Pocket Penetrometer; WOH: Weight of Hammer; WOR: Weight of Rod

Approximate Change in Strata: _____ Inferred Change in Strata: _____

Soil descriptions represent a field identification after D.M. Burmister unless otherwise noted.

Appendix C:
Soil Laboratory Deliverable Report



ANALYTICAL REPORT

Lab Number:	L2127789
Client:	Soils Engineering Services, Inc. 12A Maple Avenue Pine Brook, NJ 07058
ATTN:	Steven Gustems
Phone:	(973) 808-9050
Project Name:	38 MAIN ST
Project Number:	11846
Report Date:	06/10/21

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

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

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



Project Name: 38 MAIN ST
Project Number: 11846

Lab Number: L2127789
Report Date: 06/10/21

Alpha Sample ID	Client ID	Matrix	Sample Location	Collection Date/Time	Receive Date
L2127789-01	SB-1 (1.5-2')	SOIL	YONKERS	05/25/21 10:00	05/25/21
L2127789-02	SB-1 (6.5-7')	SOIL	YONKERS	05/25/21 10:15	05/25/21
L2127789-03	SB-3 (2-2.5')	SOIL	YONKERS	05/25/21 12:00	05/25/21
L2127789-04	SB-3 (5.5-6')	SOIL	YONKERS	05/25/21 12:15	05/25/21
L2127789-05	TRIP BLANK	WATER	YONKERS	05/25/21 00:00	05/25/21

Project Name: 38 MAIN ST**Lab Number:** L2127789**Project Number:** 11846**Report Date:** 06/10/21

Case Narrative

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

Results contained within this report relate only to the samples submitted under this Alpha Lab Number and meet NELAP requirements for all NELAP accredited parameters unless otherwise noted in the following narrative. The data presented in this report is organized by parameter (i.e. VOC, SVOC, etc.). Sample specific Quality Control data (i.e. Surrogate Spike Recovery) is reported at the end of the target analyte list for each individual sample, followed by the Laboratory Batch Quality Control at the end of each parameter. Tentatively Identified Compounds (TICs), if requested, are reported for compounds identified to be present and are not part of the method/program Target Compound List, even if only a subset of the TCL are being reported. If a sample was re-analyzed or re-extracted due to a required quality control corrective action and if both sets of data are reported, the Laboratory ID of the re-analysis or re-extraction is designated with an "R" or "RE", respectively.

When multiple Batch Quality Control elements are reported (e.g. more than one LCS), the associated samples for each element are noted in the grey shaded header line of each data table. Any Laboratory Batch, Sample Specific % recovery or RPD value that is outside the listed Acceptance Criteria is bolded in the report. In reference to questions H (CAM) or 4 (RCP) when "NO" is checked, the performance criteria for CAM and RCP methods allow for some quality control failures to occur and still be within method compliance. In these instances, the specific failure is not narrated but noted in the associated QC Outlier Summary Report, located directly after the Case Narrative. QC information is also incorporated in the Data Usability Assessment table (Format 11) of our Data Merger tool, where it can be reviewed in conjunction with the sample result, associated regulatory criteria and any associated data usability implications.

Soil/sediments, solids and tissues are reported on a dry weight basis unless otherwise noted. Definitions of all data qualifiers and acronyms used in this report are provided in the Glossary located at the back of the report.

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

Please contact Project Management at 800-624-9220 with any questions.

Project Name: 38 MAIN ST
Project Number: 11846

Lab Number: L2127789
Report Date: 06/10/21

Case Narrative (continued)

Report Submission

June 10, 2021: This final report includes the results of all requested analyses.

June 10, 2021: This is a preliminary report.

June 08, 2021: This is a preliminary report.

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

Sample Receipt

L2127789-05: A sample identified as "TRIP BLANK" was received, but not listed on the Chain of Custody. At the client's request, this sample was analyzed.

Semivolatile Organics

L2127789-01: The surrogate recoveries were outside the acceptance criteria for 2-fluorophenol (9%) and 2,4,6-tribromophenol (2%) ; however, re-extraction achieved similar results: 2-fluorophenol (23%) and 2,4,6-tribromophenol (7%) . The results of both extractions are reported.

WG1508673-1: The surrogate recoveries are above the acceptance criteria for phenol-d6 (121%), nitrobenzene-d5 (124%) and 2,4,6-tribromophenol (151%). Since the sample was non-detect for all target analytes, re-analysis was not required.

Total Metals

L2127789-01 through -04: The sample has elevated detection limits for all elements, with the exception of mercury, due to the dilution required by matrix interferences encountered during analysis.

The WG1506670-1 Method Blank, associated with L2127789-01 through -04, has concentrations above the reporting limits for chromium and iron. Since the associated sample concentrations are greater than 10x the blank concentrations for these analytes, no corrective action is required.

Project Name: 38 MAIN ST
Project Number: 11846

Lab Number: L2127789
Report Date: 06/10/21

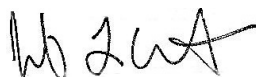
Case Narrative (continued)

Cyanide, Total

The WG1507364-2 LCS recovery for cyanide, total (75%), associated with L2127789-01 through -04, is outside our in-house acceptance criteria, but within the vendor-certified acceptance limits. The results of the original analyses are reported.

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

Authorized Signature:



Jennifer L Clements

Title: Technical Director/Representative

Date: 06/10/21

ORGANICS

VOLATILES

Project Name: 38 MAIN ST
Project Number: 11846

Lab Number: L2127789
Report Date: 06/10/21

SAMPLE RESULTS

Lab ID: L2127789-01
 Client ID: SB-1 (1.5-2')
 Sample Location: YONKERS

Date Collected: 05/25/21 10:00
 Date Received: 05/25/21
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil
 Analytical Method: 1,8260C
 Analytical Date: 06/04/21 01:31
 Analyst: JC
 Percent Solids: 95%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
Methylene chloride	ND		ug/kg	5.6	2.6	1
1,1-Dichloroethane	ND		ug/kg	1.1	0.16	1
Chloroform	ND		ug/kg	1.7	0.16	1
Carbon tetrachloride	ND		ug/kg	1.1	0.26	1
1,2-Dichloropropane	ND		ug/kg	1.1	0.14	1
Dibromochloromethane	ND		ug/kg	1.1	0.16	1
1,1,2-Trichloroethane	ND		ug/kg	1.1	0.30	1
Tetrachloroethene	ND		ug/kg	0.56	0.22	1
Chlorobenzene	ND		ug/kg	0.56	0.14	1
Trichlorofluoromethane	ND		ug/kg	4.5	0.78	1
1,2-Dichloroethane	ND		ug/kg	1.1	0.29	1
1,1,1-Trichloroethane	ND		ug/kg	0.56	0.19	1
Bromodichloromethane	ND		ug/kg	0.56	0.12	1
trans-1,3-Dichloropropene	ND		ug/kg	1.1	0.30	1
cis-1,3-Dichloropropene	ND		ug/kg	0.56	0.18	1
1,3-Dichloropropene, Total	ND		ug/kg	0.56	0.18	1
1,1-Dichloropropene	ND		ug/kg	0.56	0.18	1
Bromoform	ND		ug/kg	4.5	0.27	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	0.56	0.18	1
Benzene	ND		ug/kg	0.56	0.18	1
Toluene	ND		ug/kg	1.1	0.61	1
Ethylbenzene	ND		ug/kg	1.1	0.16	1
Chloromethane	ND		ug/kg	4.5	1.0	1
Bromomethane	ND		ug/kg	2.2	0.65	1
Vinyl chloride	ND		ug/kg	1.1	0.37	1
Chloroethane	ND		ug/kg	2.2	0.50	1
1,1-Dichloroethene	ND		ug/kg	1.1	0.26	1
trans-1,2-Dichloroethene	ND		ug/kg	1.7	0.15	1

Project Name: 38 MAIN ST

Lab Number: L2127789

Project Number: 11846

Report Date: 06/10/21

SAMPLE RESULTS

Lab ID: L2127789-01

Date Collected: 05/25/21 10:00

Client ID: SB-1 (1.5-2')

Date Received: 05/25/21

Sample Location: YONKERS

Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
Trichloroethene	ND		ug/kg	0.56	0.15	1
1,2-Dichlorobenzene	ND		ug/kg	2.2	0.16	1
1,3-Dichlorobenzene	ND		ug/kg	2.2	0.16	1
1,4-Dichlorobenzene	ND		ug/kg	2.2	0.19	1
Methyl tert butyl ether	ND		ug/kg	2.2	0.22	1
p/m-Xylene	ND		ug/kg	2.2	0.62	1
o-Xylene	ND		ug/kg	1.1	0.32	1
Xylenes, Total	ND		ug/kg	1.1	0.32	1
cis-1,2-Dichloroethene	ND		ug/kg	1.1	0.20	1
1,2-Dichloroethene, Total	ND		ug/kg	1.1	0.15	1
Dibromomethane	ND		ug/kg	2.2	0.26	1
Styrene	ND		ug/kg	1.1	0.22	1
Dichlorodifluoromethane	ND		ug/kg	11	1.0	1
Acetone	ND		ug/kg	11	5.4	1
Carbon disulfide	ND		ug/kg	11	5.1	1
2-Butanone	ND		ug/kg	11	2.5	1
Vinyl acetate	ND		ug/kg	11	2.4	1
4-Methyl-2-pentanone	ND		ug/kg	11	1.4	1
1,2,3-Trichloropropane	ND		ug/kg	2.2	0.14	1
2-Hexanone	ND		ug/kg	11	1.3	1
Bromochloromethane	ND		ug/kg	2.2	0.23	1
2,2-Dichloropropane	ND		ug/kg	2.2	0.22	1
1,2-Dibromoethane	ND		ug/kg	1.1	0.31	1
1,3-Dichloropropane	ND		ug/kg	2.2	0.19	1
1,1,1,2-Tetrachloroethane	ND		ug/kg	0.56	0.15	1
Bromobenzene	ND		ug/kg	2.2	0.16	1
n-Butylbenzene	ND		ug/kg	1.1	0.19	1
sec-Butylbenzene	ND		ug/kg	1.1	0.16	1
tert-Butylbenzene	ND		ug/kg	2.2	0.13	1
o-Chlorotoluene	ND		ug/kg	2.2	0.21	1
p-Chlorotoluene	ND		ug/kg	2.2	0.12	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	3.3	1.1	1
Hexachlorobutadiene	ND		ug/kg	4.5	0.19	1
Isopropylbenzene	ND		ug/kg	1.1	0.12	1
p-Isopropyltoluene	ND		ug/kg	1.1	0.12	1
Naphthalene	ND		ug/kg	4.5	0.72	1
Acrylonitrile	ND		ug/kg	4.5	1.3	1

Project Name: 38 MAIN ST

Lab Number: L2127789

Project Number: 11846

Report Date: 06/10/21

SAMPLE RESULTS

Lab ID: L2127789-01

Date Collected: 05/25/21 10:00

Client ID: SB-1 (1.5-2')

Date Received: 05/25/21

Sample Location: YONKERS

Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
n-Propylbenzene	ND		ug/kg	1.1	0.19	1
1,2,3-Trichlorobenzene	ND		ug/kg	2.2	0.36	1
1,2,4-Trichlorobenzene	ND		ug/kg	2.2	0.30	1
1,3,5-Trimethylbenzene	ND		ug/kg	2.2	0.22	1
1,2,4-Trimethylbenzene	ND		ug/kg	2.2	0.37	1
1,4-Dioxane	ND		ug/kg	89	39.	1
p-Diethylbenzene	ND		ug/kg	2.2	0.20	1
p-Ethyltoluene	ND		ug/kg	2.2	0.43	1
1,2,4,5-Tetramethylbenzene	ND		ug/kg	2.2	0.21	1
Ethyl ether	ND		ug/kg	2.2	0.38	1
trans-1,4-Dichloro-2-butene	ND		ug/kg	5.6	1.6	1

Tentatively Identified Compounds

No Tentatively Identified Compounds	ND	ug/kg	1
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Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	104		70-130
Toluene-d8	97		70-130
4-Bromofluorobenzene	95		70-130
Dibromofluoromethane	106		70-130

Project Name: 38 MAIN ST

Lab Number: L2127789

Project Number: 11846

Report Date: 06/10/21

SAMPLE RESULTS

Lab ID: L2127789-02

Date Collected: 05/25/21 10:15

Client ID: SB-1 (6.5-7')

Date Received: 05/25/21

Sample Location: YONKERS

Field Prep: Not Specified

Sample Depth:

Matrix: Soil

Analytical Method: 1,8260C

Analytical Date: 06/04/21 01:57

Analyst: JC

Percent Solids: 96%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
Methylene chloride	ND		ug/kg	6.8	3.1	1
1,1-Dichloroethane	ND		ug/kg	1.4	0.20	1
Chloroform	ND		ug/kg	2.0	0.19	1
Carbon tetrachloride	ND		ug/kg	1.4	0.31	1
1,2-Dichloropropane	ND		ug/kg	1.4	0.17	1
Dibromochloromethane	ND		ug/kg	1.4	0.19	1
1,1,2-Trichloroethane	ND		ug/kg	1.4	0.36	1
Tetrachloroethene	ND		ug/kg	0.68	0.26	1
Chlorobenzene	ND		ug/kg	0.68	0.17	1
Trichlorofluoromethane	ND		ug/kg	5.4	0.94	1
1,2-Dichloroethane	ND		ug/kg	1.4	0.35	1
1,1,1-Trichloroethane	ND		ug/kg	0.68	0.23	1
Bromodichloromethane	ND		ug/kg	0.68	0.15	1
trans-1,3-Dichloropropene	ND		ug/kg	1.4	0.37	1
cis-1,3-Dichloropropene	ND		ug/kg	0.68	0.21	1
1,3-Dichloropropene, Total	ND		ug/kg	0.68	0.21	1
1,1-Dichloropropene	ND		ug/kg	0.68	0.22	1
Bromoform	ND		ug/kg	5.4	0.33	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	0.68	0.22	1
Benzene	ND		ug/kg	0.68	0.22	1
Toluene	ND		ug/kg	1.4	0.74	1
Ethylbenzene	ND		ug/kg	1.4	0.19	1
Chloromethane	ND		ug/kg	5.4	1.3	1
Bromomethane	ND		ug/kg	2.7	0.79	1
Vinyl chloride	ND		ug/kg	1.4	0.45	1
Chloroethane	ND		ug/kg	2.7	0.61	1
1,1-Dichloroethene	ND		ug/kg	1.4	0.32	1
trans-1,2-Dichloroethene	ND		ug/kg	2.0	0.18	1

Project Name: 38 MAIN ST

Lab Number: L2127789

Project Number: 11846

Report Date: 06/10/21

SAMPLE RESULTS

Lab ID: L2127789-02

Date Collected: 05/25/21 10:15

Client ID: SB-1 (6.5-7')

Date Received: 05/25/21

Sample Location: YONKERS

Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
Trichloroethene	ND		ug/kg	0.68	0.18	1
1,2-Dichlorobenzene	ND		ug/kg	2.7	0.20	1
1,3-Dichlorobenzene	ND		ug/kg	2.7	0.20	1
1,4-Dichlorobenzene	ND		ug/kg	2.7	0.23	1
Methyl tert butyl ether	ND		ug/kg	2.7	0.27	1
p/m-Xylene	ND		ug/kg	2.7	0.76	1
o-Xylene	ND		ug/kg	1.4	0.39	1
Xylenes, Total	ND		ug/kg	1.4	0.39	1
cis-1,2-Dichloroethene	ND		ug/kg	1.4	0.24	1
1,2-Dichloroethene, Total	ND		ug/kg	1.4	0.18	1
Dibromomethane	ND		ug/kg	2.7	0.32	1
Styrene	ND		ug/kg	1.4	0.26	1
Dichlorodifluoromethane	ND		ug/kg	14	1.2	1
Acetone	ND		ug/kg	14	6.5	1
Carbon disulfide	ND		ug/kg	14	6.2	1
2-Butanone	ND		ug/kg	14	3.0	1
Vinyl acetate	ND		ug/kg	14	2.9	1
4-Methyl-2-pentanone	ND		ug/kg	14	1.7	1
1,2,3-Trichloropropane	ND		ug/kg	2.7	0.17	1
2-Hexanone	ND		ug/kg	14	1.6	1
Bromochloromethane	ND		ug/kg	2.7	0.28	1
2,2-Dichloropropane	ND		ug/kg	2.7	0.27	1
1,2-Dibromoethane	ND		ug/kg	1.4	0.38	1
1,3-Dichloropropane	ND		ug/kg	2.7	0.23	1
1,1,1,2-Tetrachloroethane	ND		ug/kg	0.68	0.18	1
Bromobenzene	ND		ug/kg	2.7	0.20	1
n-Butylbenzene	ND		ug/kg	1.4	0.23	1
sec-Butylbenzene	ND		ug/kg	1.4	0.20	1
tert-Butylbenzene	ND		ug/kg	2.7	0.16	1
o-Chlorotoluene	ND		ug/kg	2.7	0.26	1
p-Chlorotoluene	ND		ug/kg	2.7	0.15	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	4.1	1.4	1
Hexachlorobutadiene	ND		ug/kg	5.4	0.23	1
Isopropylbenzene	ND		ug/kg	1.4	0.15	1
p-Isopropyltoluene	ND		ug/kg	1.4	0.15	1
Naphthalene	ND		ug/kg	5.4	0.88	1
Acrylonitrile	ND		ug/kg	5.4	1.6	1

Project Name: 38 MAIN ST
Project Number: 11846

Lab Number: L2127789
Report Date: 06/10/21

SAMPLE RESULTS

Lab ID: L2127789-02
 Client ID: SB-1 (6.5-7')
 Sample Location: YONKERS

Date Collected: 05/25/21 10:15
 Date Received: 05/25/21
 Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
n-Propylbenzene	ND		ug/kg	1.4	0.23	1
1,2,3-Trichlorobenzene	ND		ug/kg	2.7	0.44	1
1,2,4-Trichlorobenzene	ND		ug/kg	2.7	0.37	1
1,3,5-Trimethylbenzene	ND		ug/kg	2.7	0.26	1
1,2,4-Trimethylbenzene	ND		ug/kg	2.7	0.45	1
1,4-Dioxane	ND		ug/kg	110	48.	1
p-Diethylbenzene	ND		ug/kg	2.7	0.24	1
p-Ethyltoluene	ND		ug/kg	2.7	0.52	1
1,2,4,5-Tetramethylbenzene	ND		ug/kg	2.7	0.26	1
Ethyl ether	ND		ug/kg	2.7	0.46	1
trans-1,4-Dichloro-2-butene	ND		ug/kg	6.8	1.9	1

Tentatively Identified Compounds

Total TIC Compounds	2.76	J	ug/kg			1
Unknown	2.76	J	ug/kg			1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	106		70-130
Toluene-d8	97		70-130
4-Bromofluorobenzene	95		70-130
Dibromofluoromethane	106		70-130

Project Name: 38 MAIN ST

Lab Number: L2127789

Project Number: 11846

Report Date: 06/10/21

SAMPLE RESULTS

Lab ID: L2127789-03

Date Collected: 05/25/21 12:00

Client ID: SB-3 (2-2.5')

Date Received: 05/25/21

Sample Location: YONKERS

Field Prep: Not Specified

Sample Depth:

Matrix: Soil

Analytical Method: 1,8260C

Analytical Date: 06/04/21 02:22

Analyst: JC

Percent Solids: 96%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
Methylene chloride	ND		ug/kg	5.0	2.3	1
1,1-Dichloroethane	ND		ug/kg	0.99	0.14	1
Chloroform	0.17	J	ug/kg	1.5	0.14	1
Carbon tetrachloride	ND		ug/kg	0.99	0.23	1
1,2-Dichloropropane	ND		ug/kg	0.99	0.12	1
Dibromochloromethane	ND		ug/kg	0.99	0.14	1
1,1,2-Trichloroethane	ND		ug/kg	0.99	0.26	1
Tetrachloroethene	ND		ug/kg	0.50	0.19	1
Chlorobenzene	ND		ug/kg	0.50	0.13	1
Trichlorofluoromethane	ND		ug/kg	4.0	0.69	1
1,2-Dichloroethane	ND		ug/kg	0.99	0.26	1
1,1,1-Trichloroethane	ND		ug/kg	0.50	0.16	1
Bromodichloromethane	ND		ug/kg	0.50	0.11	1
trans-1,3-Dichloropropene	ND		ug/kg	0.99	0.27	1
cis-1,3-Dichloropropene	ND		ug/kg	0.50	0.16	1
1,3-Dichloropropene, Total	ND		ug/kg	0.50	0.16	1
1,1-Dichloropropene	ND		ug/kg	0.50	0.16	1
Bromoform	ND		ug/kg	4.0	0.24	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	0.50	0.16	1
Benzene	ND		ug/kg	0.50	0.16	1
Toluene	ND		ug/kg	0.99	0.54	1
Ethylbenzene	ND		ug/kg	0.99	0.14	1
Chloromethane	ND		ug/kg	4.0	0.92	1
Bromomethane	ND		ug/kg	2.0	0.58	1
Vinyl chloride	ND		ug/kg	0.99	0.33	1
Chloroethane	ND		ug/kg	2.0	0.45	1
1,1-Dichloroethene	ND		ug/kg	0.99	0.24	1
trans-1,2-Dichloroethene	ND		ug/kg	1.5	0.14	1

Project Name: 38 MAIN ST

Lab Number: L2127789

Project Number: 11846

Report Date: 06/10/21

SAMPLE RESULTS

Lab ID: L2127789-03

Date Collected: 05/25/21 12:00

Client ID: SB-3 (2-2.5')

Date Received: 05/25/21

Sample Location: YONKERS

Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
Trichloroethene	ND		ug/kg	0.50	0.14	1
1,2-Dichlorobenzene	ND		ug/kg	2.0	0.14	1
1,3-Dichlorobenzene	ND		ug/kg	2.0	0.15	1
1,4-Dichlorobenzene	ND		ug/kg	2.0	0.17	1
Methyl tert butyl ether	ND		ug/kg	2.0	0.20	1
p/m-Xylene	ND		ug/kg	2.0	0.56	1
o-Xylene	ND		ug/kg	0.99	0.29	1
Xylenes, Total	ND		ug/kg	0.99	0.29	1
cis-1,2-Dichloroethene	ND		ug/kg	0.99	0.17	1
1,2-Dichloroethene, Total	ND		ug/kg	0.99	0.14	1
Dibromomethane	ND		ug/kg	2.0	0.24	1
Styrene	ND		ug/kg	0.99	0.19	1
Dichlorodifluoromethane	ND		ug/kg	9.9	0.91	1
Acetone	ND		ug/kg	9.9	4.8	1
Carbon disulfide	ND		ug/kg	9.9	4.5	1
2-Butanone	ND		ug/kg	9.9	2.2	1
Vinyl acetate	ND		ug/kg	9.9	2.1	1
4-Methyl-2-pentanone	ND		ug/kg	9.9	1.3	1
1,2,3-Trichloropropane	ND		ug/kg	2.0	0.13	1
2-Hexanone	ND		ug/kg	9.9	1.2	1
Bromochloromethane	ND		ug/kg	2.0	0.20	1
2,2-Dichloropropane	ND		ug/kg	2.0	0.20	1
1,2-Dibromoethane	ND		ug/kg	0.99	0.28	1
1,3-Dichloropropane	ND		ug/kg	2.0	0.16	1
1,1,1,2-Tetrachloroethane	ND		ug/kg	0.50	0.13	1
Bromobenzene	ND		ug/kg	2.0	0.14	1
n-Butylbenzene	ND		ug/kg	0.99	0.16	1
sec-Butylbenzene	ND		ug/kg	0.99	0.14	1
tert-Butylbenzene	ND		ug/kg	2.0	0.12	1
o-Chlorotoluene	ND		ug/kg	2.0	0.19	1
p-Chlorotoluene	ND		ug/kg	2.0	0.11	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	3.0	0.99	1
Hexachlorobutadiene	ND		ug/kg	4.0	0.17	1
Isopropylbenzene	ND		ug/kg	0.99	0.11	1
p-Isopropyltoluene	ND		ug/kg	0.99	0.11	1
Naphthalene	ND		ug/kg	4.0	0.64	1
Acrylonitrile	ND		ug/kg	4.0	1.1	1

Project Name: 38 MAIN ST
Project Number: 11846

Lab Number: L2127789
Report Date: 06/10/21

SAMPLE RESULTS

Lab ID: L2127789-03
 Client ID: SB-3 (2-2.5')
 Sample Location: YONKERS

Date Collected: 05/25/21 12:00
 Date Received: 05/25/21
 Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
n-Propylbenzene	ND		ug/kg	0.99	0.17	1
1,2,3-Trichlorobenzene	ND		ug/kg	2.0	0.32	1
1,2,4-Trichlorobenzene	ND		ug/kg	2.0	0.27	1
1,3,5-Trimethylbenzene	ND		ug/kg	2.0	0.19	1
1,2,4-Trimethylbenzene	ND		ug/kg	2.0	0.33	1
1,4-Dioxane	ND		ug/kg	79	35.	1
p-Diethylbenzene	ND		ug/kg	2.0	0.18	1
p-Ethyltoluene	ND		ug/kg	2.0	0.38	1
1,2,4,5-Tetramethylbenzene	ND		ug/kg	2.0	0.19	1
Ethyl ether	ND		ug/kg	2.0	0.34	1
trans-1,4-Dichloro-2-butene	ND		ug/kg	5.0	1.4	1

Tentatively Identified Compounds

No Tentatively Identified Compounds ND ug/kg 1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	109		70-130
Toluene-d8	98		70-130
4-Bromofluorobenzene	95		70-130
Dibromofluoromethane	112		70-130

Project Name: 38 MAIN ST

Lab Number: L2127789

Project Number: 11846

Report Date: 06/10/21

SAMPLE RESULTS

Lab ID: L2127789-04

Date Collected: 05/25/21 12:15

Client ID: SB-3 (5.5-6')

Date Received: 05/25/21

Sample Location: YONKERS

Field Prep: Not Specified

Sample Depth:

Matrix: Soil

Analytical Method: 1,8260C

Analytical Date: 06/04/21 02:47

Analyst: JC

Percent Solids: 95%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
Methylene chloride	ND		ug/kg	4.7	2.2	1
1,1-Dichloroethane	ND		ug/kg	0.94	0.14	1
Chloroform	ND		ug/kg	1.4	0.13	1
Carbon tetrachloride	ND		ug/kg	0.94	0.22	1
1,2-Dichloropropane	ND		ug/kg	0.94	0.12	1
Dibromochloromethane	ND		ug/kg	0.94	0.13	1
1,1,2-Trichloroethane	ND		ug/kg	0.94	0.25	1
Tetrachloroethene	ND		ug/kg	0.47	0.18	1
Chlorobenzene	ND		ug/kg	0.47	0.12	1
Trichlorofluoromethane	ND		ug/kg	3.8	0.66	1
1,2-Dichloroethane	ND		ug/kg	0.94	0.24	1
1,1,1-Trichloroethane	ND		ug/kg	0.47	0.16	1
Bromodichloromethane	ND		ug/kg	0.47	0.10	1
trans-1,3-Dichloropropene	ND		ug/kg	0.94	0.26	1
cis-1,3-Dichloropropene	ND		ug/kg	0.47	0.15	1
1,3-Dichloropropene, Total	ND		ug/kg	0.47	0.15	1
1,1-Dichloropropene	ND		ug/kg	0.47	0.15	1
Bromoform	ND		ug/kg	3.8	0.23	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	0.47	0.16	1
Benzene	ND		ug/kg	0.47	0.16	1
Toluene	ND		ug/kg	0.94	0.51	1
Ethylbenzene	ND		ug/kg	0.94	0.13	1
Chloromethane	ND		ug/kg	3.8	0.88	1
Bromomethane	ND		ug/kg	1.9	0.55	1
Vinyl chloride	ND		ug/kg	0.94	0.32	1
Chloroethane	ND		ug/kg	1.9	0.43	1
1,1-Dichloroethene	ND		ug/kg	0.94	0.22	1
trans-1,2-Dichloroethene	ND		ug/kg	1.4	0.13	1

Project Name: 38 MAIN ST

Lab Number: L2127789

Project Number: 11846

Report Date: 06/10/21

SAMPLE RESULTS

Lab ID: L2127789-04

Date Collected: 05/25/21 12:15

Client ID: SB-3 (5.5-6')

Date Received: 05/25/21

Sample Location: YONKERS

Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
Trichloroethene	ND		ug/kg	0.47	0.13	1
1,2-Dichlorobenzene	ND		ug/kg	1.9	0.14	1
1,3-Dichlorobenzene	ND		ug/kg	1.9	0.14	1
1,4-Dichlorobenzene	ND		ug/kg	1.9	0.16	1
Methyl tert butyl ether	ND		ug/kg	1.9	0.19	1
p/m-Xylene	ND		ug/kg	1.9	0.53	1
o-Xylene	ND		ug/kg	0.94	0.27	1
Xylenes, Total	ND		ug/kg	0.94	0.27	1
cis-1,2-Dichloroethene	ND		ug/kg	0.94	0.16	1
1,2-Dichloroethene, Total	ND		ug/kg	0.94	0.13	1
Dibromomethane	ND		ug/kg	1.9	0.22	1
Styrene	ND		ug/kg	0.94	0.18	1
Dichlorodifluoromethane	ND		ug/kg	9.4	0.86	1
Acetone	ND		ug/kg	9.4	4.5	1
Carbon disulfide	ND		ug/kg	9.4	4.3	1
2-Butanone	ND		ug/kg	9.4	2.1	1
Vinyl acetate	ND		ug/kg	9.4	2.0	1
4-Methyl-2-pentanone	ND		ug/kg	9.4	1.2	1
1,2,3-Trichloropropane	ND		ug/kg	1.9	0.12	1
2-Hexanone	ND		ug/kg	9.4	1.1	1
Bromochloromethane	ND		ug/kg	1.9	0.19	1
2,2-Dichloropropane	ND		ug/kg	1.9	0.19	1
1,2-Dibromoethane	ND		ug/kg	0.94	0.26	1
1,3-Dichloropropane	ND		ug/kg	1.9	0.16	1
1,1,1,2-Tetrachloroethane	ND		ug/kg	0.47	0.12	1
Bromobenzene	ND		ug/kg	1.9	0.14	1
n-Butylbenzene	ND		ug/kg	0.94	0.16	1
sec-Butylbenzene	ND		ug/kg	0.94	0.14	1
tert-Butylbenzene	ND		ug/kg	1.9	0.11	1
o-Chlorotoluene	ND		ug/kg	1.9	0.18	1
p-Chlorotoluene	ND		ug/kg	1.9	0.10	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	2.8	0.94	1
Hexachlorobutadiene	ND		ug/kg	3.8	0.16	1
Isopropylbenzene	ND		ug/kg	0.94	0.10	1
p-Isopropyltoluene	ND		ug/kg	0.94	0.10	1
Naphthalene	ND		ug/kg	3.8	0.61	1
Acrylonitrile	ND		ug/kg	3.8	1.1	1

Project Name: 38 MAIN ST
Project Number: 11846

Lab Number: L2127789
Report Date: 06/10/21

SAMPLE RESULTS

Lab ID: L2127789-04
Client ID: SB-3 (5.5-6')
Sample Location: YONKERS

Date Collected: 05/25/21 12:15
Date Received: 05/25/21
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatiles Organics by EPA 5035 Low - Westborough Lab						
n-Propylbenzene	ND		ug/kg	0.94	0.16	1
1,2,3-Trichlorobenzene	ND		ug/kg	1.9	0.30	1
1,2,4-Trichlorobenzene	ND		ug/kg	1.9	0.26	1
1,3,5-Trimethylbenzene	ND		ug/kg	1.9	0.18	1
1,2,4-Trimethylbenzene	ND		ug/kg	1.9	0.32	1
1,4-Dioxane	ND		ug/kg	76	33.	1
p-Diethylbenzene	ND		ug/kg	1.9	0.17	1
p-Ethyltoluene	ND		ug/kg	1.9	0.36	1
1,2,4,5-Tetramethylbenzene	ND		ug/kg	1.9	0.18	1
Ethyl ether	ND		ug/kg	1.9	0.32	1
trans-1,4-Dichloro-2-butene	ND		ug/kg	4.7	1.3	1

Tentatively Identified Compounds

Total TIC Compounds	2.05	J	ug/kg			1
Unknown	2.05	J	ug/kg			1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	107		70-130
Toluene-d8	96		70-130
4-Bromofluorobenzene	96		70-130
Dibromofluoromethane	108		70-130

Project Name: 38 MAIN ST

Lab Number: L2127789

Project Number: 11846

Report Date: 06/10/21

SAMPLE RESULTS

Lab ID: L2127789-05

Date Collected: 05/25/21 00:00

Client ID: TRIP BLANK

Date Received: 05/25/21

Sample Location: YONKERS

Field Prep: Not Specified

Sample Depth:

Matrix: Water

Analytical Method: 1,8260C

Analytical Date: 06/02/21 15:37

Analyst: MKS

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

Project Name: 38 MAIN ST

Lab Number: L2127789

Project Number: 11846

Report Date: 06/10/21

SAMPLE RESULTS

Lab ID: L2127789-05

Date Collected: 05/25/21 00:00

Client ID: TRIP BLANK

Date Received: 05/25/21

Sample Location: YONKERS

Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Trichloroethene	ND		ug/l	0.50	0.18	1
1,2-Dichlorobenzene	ND		ug/l	2.5	0.70	1
1,3-Dichlorobenzene	ND		ug/l	2.5	0.70	1
1,4-Dichlorobenzene	ND		ug/l	2.5	0.70	1
Methyl tert butyl ether	ND		ug/l	2.5	0.70	1
p/m-Xylene	ND		ug/l	2.5	0.70	1
o-Xylene	ND		ug/l	2.5	0.70	1
Xylenes, Total	ND		ug/l	2.5	0.70	1
cis-1,2-Dichloroethene	ND		ug/l	2.5	0.70	1
1,2-Dichloroethene, Total	ND		ug/l	2.5	0.70	1
Dibromomethane	ND		ug/l	5.0	1.0	1
1,2,3-Trichloropropane	ND		ug/l	2.5	0.70	1
Acrylonitrile	ND		ug/l	5.0	1.5	1
Styrene	ND		ug/l	2.5	0.70	1
Dichlorodifluoromethane	ND		ug/l	5.0	1.0	1
Acetone	ND		ug/l	5.0	1.5	1
Carbon disulfide	ND		ug/l	5.0	1.0	1
2-Butanone	ND		ug/l	5.0	1.9	1
Vinyl acetate	ND		ug/l	5.0	1.0	1
4-Methyl-2-pentanone	ND		ug/l	5.0	1.0	1
2-Hexanone	ND		ug/l	5.0	1.0	1
Bromochloromethane	ND		ug/l	2.5	0.70	1
2,2-Dichloropropane	ND		ug/l	2.5	0.70	1
1,2-Dibromoethane	ND		ug/l	2.0	0.65	1
1,3-Dichloropropane	ND		ug/l	2.5	0.70	1
1,1,1,2-Tetrachloroethane	ND		ug/l	2.5	0.70	1
Bromobenzene	ND		ug/l	2.5	0.70	1
n-Butylbenzene	ND		ug/l	2.5	0.70	1
sec-Butylbenzene	ND		ug/l	2.5	0.70	1
tert-Butylbenzene	ND		ug/l	2.5	0.70	1
o-Chlorotoluene	ND		ug/l	2.5	0.70	1
p-Chlorotoluene	ND		ug/l	2.5	0.70	1
1,2-Dibromo-3-chloropropane	ND		ug/l	2.5	0.70	1
Hexachlorobutadiene	ND		ug/l	2.5	0.70	1
Isopropylbenzene	ND		ug/l	2.5	0.70	1
p-Isopropyltoluene	ND		ug/l	2.5	0.70	1
Naphthalene	0.78	J	ug/l	2.5	0.70	1

Project Name: 38 MAIN ST
Project Number: 11846

Lab Number: L2127789
Report Date: 06/10/21

SAMPLE RESULTS

Lab ID: L2127789-05
Client ID: TRIP BLANK
Sample Location: YONKERS

Date Collected: 05/25/21 00:00
Date Received: 05/25/21
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
n-Propylbenzene	1.2	J	ug/l	2.5	0.70	1
1,2,3-Trichlorobenzene	ND		ug/l	2.5	0.70	1
1,2,4-Trichlorobenzene	ND		ug/l	2.5	0.70	1
1,3,5-Trimethylbenzene	ND		ug/l	2.5	0.70	1
1,2,4-Trimethylbenzene	ND		ug/l	2.5	0.70	1
1,4-Dioxane	ND		ug/l	250	61.	1
p-Diethylbenzene	ND		ug/l	2.0	0.70	1
p-Ethyltoluene	ND		ug/l	2.0	0.70	1
1,2,4,5-Tetramethylbenzene	0.95	J	ug/l	2.0	0.54	1
Ethyl ether	ND		ug/l	2.5	0.70	1
trans-1,4-Dichloro-2-butene	ND		ug/l	2.5	0.70	1

Tentatively Identified Compounds

Total TIC Compounds	1.11	J	ug/l			1
Unknown Aromatic	1.11	J	ug/l			1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	111		70-130
Toluene-d8	98		70-130
4-Bromofluorobenzene	100		70-130
Dibromofluoromethane	113		70-130

Project Name: 38 MAIN ST
Project Number: 11846

Lab Number: L2127789
Report Date: 06/10/21

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260C
Analytical Date: 06/02/21 11:36
Analyst: NLK

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 05 Batch: WG1507501-5					
Methylene chloride	ND		ug/l	2.5	0.70
1,1-Dichloroethane	ND		ug/l	2.5	0.70
Chloroform	ND		ug/l	2.5	0.70
Carbon tetrachloride	ND		ug/l	0.50	0.13
1,2-Dichloropropane	ND		ug/l	1.0	0.14
Dibromochloromethane	ND		ug/l	0.50	0.15
1,1,2-Trichloroethane	ND		ug/l	1.5	0.50
Tetrachloroethene	ND		ug/l	0.50	0.18
Chlorobenzene	ND		ug/l	2.5	0.70
Trichlorofluoromethane	ND		ug/l	2.5	0.70
1,2-Dichloroethane	ND		ug/l	0.50	0.13
1,1,1-Trichloroethane	ND		ug/l	2.5	0.70
Bromodichloromethane	ND		ug/l	0.50	0.19
trans-1,3-Dichloropropene	ND		ug/l	0.50	0.16
cis-1,3-Dichloropropene	ND		ug/l	0.50	0.14
1,3-Dichloropropene, Total	ND		ug/l	0.50	0.14
1,1-Dichloropropene	ND		ug/l	2.5	0.70
Bromoform	ND		ug/l	2.0	0.65
1,1,2,2-Tetrachloroethane	ND		ug/l	0.50	0.17
Benzene	ND		ug/l	0.50	0.16
Toluene	ND		ug/l	2.5	0.70
Ethylbenzene	ND		ug/l	2.5	0.70
Chloromethane	ND		ug/l	2.5	0.70
Bromomethane	ND		ug/l	2.5	0.70
Vinyl chloride	ND		ug/l	1.0	0.07
Chloroethane	ND		ug/l	2.5	0.70
1,1-Dichloroethene	ND		ug/l	0.50	0.17
trans-1,2-Dichloroethene	ND		ug/l	2.5	0.70
Trichloroethene	ND		ug/l	0.50	0.18

Project Name: 38 MAIN ST
Project Number: 11846

Lab Number: L2127789
Report Date: 06/10/21

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260C
Analytical Date: 06/02/21 11:36
Analyst: NLK

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 05 Batch: WG1507501-5					
1,2-Dichlorobenzene	ND		ug/l	2.5	0.70
1,3-Dichlorobenzene	ND		ug/l	2.5	0.70
1,4-Dichlorobenzene	ND		ug/l	2.5	0.70
Methyl tert butyl ether	ND		ug/l	2.5	0.70
p/m-Xylene	ND		ug/l	2.5	0.70
o-Xylene	ND		ug/l	2.5	0.70
Xylenes, Total	ND		ug/l	2.5	0.70
cis-1,2-Dichloroethene	ND		ug/l	2.5	0.70
1,2-Dichloroethene, Total	ND		ug/l	2.5	0.70
Dibromomethane	ND		ug/l	5.0	1.0
1,2,3-Trichloropropane	ND		ug/l	2.5	0.70
Acrylonitrile	ND		ug/l	5.0	1.5
Styrene	ND		ug/l	2.5	0.70
Dichlorodifluoromethane	ND		ug/l	5.0	1.0
Acetone	ND		ug/l	5.0	1.5
Carbon disulfide	ND		ug/l	5.0	1.0
2-Butanone	ND		ug/l	5.0	1.9
Vinyl acetate	ND		ug/l	5.0	1.0
4-Methyl-2-pentanone	ND		ug/l	5.0	1.0
2-Hexanone	ND		ug/l	5.0	1.0
Bromochloromethane	ND		ug/l	2.5	0.70
2,2-Dichloropropane	ND		ug/l	2.5	0.70
1,2-Dibromoethane	ND		ug/l	2.0	0.65
1,3-Dichloropropane	ND		ug/l	2.5	0.70
1,1,1,2-Tetrachloroethane	ND		ug/l	2.5	0.70
Bromobenzene	ND		ug/l	2.5	0.70
n-Butylbenzene	ND		ug/l	2.5	0.70
sec-Butylbenzene	ND		ug/l	2.5	0.70
tert-Butylbenzene	ND		ug/l	2.5	0.70

Project Name: 38 MAIN ST
Project Number: 11846

Lab Number: L2127789
Report Date: 06/10/21

Method Blank Analysis Batch Quality Control

Analytical Method: 1,8260C
Analytical Date: 06/02/21 11:36
Analyst: NLK

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 05 Batch: WG1507501-5					
o-Chlorotoluene	ND		ug/l	2.5	0.70
p-Chlorotoluene	ND		ug/l	2.5	0.70
1,2-Dibromo-3-chloropropane	ND		ug/l	2.5	0.70
Hexachlorobutadiene	ND		ug/l	2.5	0.70
Isopropylbenzene	ND		ug/l	2.5	0.70
p-Isopropyltoluene	ND		ug/l	2.5	0.70
Naphthalene	ND		ug/l	2.5	0.70
n-Propylbenzene	ND		ug/l	2.5	0.70
1,2,3-Trichlorobenzene	ND		ug/l	2.5	0.70
1,2,4-Trichlorobenzene	ND		ug/l	2.5	0.70
1,3,5-Trimethylbenzene	ND		ug/l	2.5	0.70
1,2,4-Trimethylbenzene	ND		ug/l	2.5	0.70
1,4-Dioxane	ND		ug/l	250	61.
p-Diethylbenzene	ND		ug/l	2.0	0.70
p-Ethyltoluene	ND		ug/l	2.0	0.70
1,2,4,5-Tetramethylbenzene	ND		ug/l	2.0	0.54
Ethyl ether	ND		ug/l	2.5	0.70
trans-1,4-Dichloro-2-butene	ND		ug/l	2.5	0.70

Tentatively Identified Compounds

Total TIC Compounds	1.10	J	ug/l
Unknown	1.10	J	ug/l

Project Name: 38 MAIN ST
Project Number: 11846

Lab Number: L2127789
Report Date: 06/10/21

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260C
Analytical Date: 06/02/21 11:36
Analyst: NLK

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 05 Batch: WG1507501-5					

Surrogate	%Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	108		70-130
Toluene-d8	97		70-130
4-Bromofluorobenzene	101		70-130
Dibromofluoromethane	109		70-130

Project Name: 38 MAIN ST
Project Number: 11846

Lab Number: L2127789
Report Date: 06/10/21

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260C
Analytical Date: 06/03/21 20:06
Analyst: KJD

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 01-04 Batch: WG1507672-5					
Methylene chloride	ND		ug/kg	5.0	2.3
1,1-Dichloroethane	ND		ug/kg	1.0	0.14
Chloroform	ND		ug/kg	1.5	0.14
Carbon tetrachloride	ND		ug/kg	1.0	0.23
1,2-Dichloropropane	ND		ug/kg	1.0	0.12
Dibromochloromethane	ND		ug/kg	1.0	0.14
1,1,2-Trichloroethane	ND		ug/kg	1.0	0.27
Tetrachloroethene	ND		ug/kg	0.50	0.20
Chlorobenzene	ND		ug/kg	0.50	0.13
Trichlorofluoromethane	ND		ug/kg	4.0	0.70
1,2-Dichloroethane	ND		ug/kg	1.0	0.26
1,1,1-Trichloroethane	ND		ug/kg	0.50	0.17
Bromodichloromethane	ND		ug/kg	0.50	0.11
trans-1,3-Dichloropropene	ND		ug/kg	1.0	0.27
cis-1,3-Dichloropropene	ND		ug/kg	0.50	0.16
1,3-Dichloropropene, Total	ND		ug/kg	0.50	0.16
1,1-Dichloropropene	ND		ug/kg	0.50	0.16
Bromoform	ND		ug/kg	4.0	0.25
1,1,2,2-Tetrachloroethane	ND		ug/kg	0.50	0.17
Benzene	ND		ug/kg	0.50	0.17
Toluene	ND		ug/kg	1.0	0.54
Ethylbenzene	ND		ug/kg	1.0	0.14
Chloromethane	ND		ug/kg	4.0	0.93
Bromomethane	ND		ug/kg	2.0	0.58
Vinyl chloride	ND		ug/kg	1.0	0.34
Chloroethane	ND		ug/kg	2.0	0.45
1,1-Dichloroethene	ND		ug/kg	1.0	0.24
trans-1,2-Dichloroethene	ND		ug/kg	1.5	0.14
Trichloroethene	ND		ug/kg	0.50	0.14

Project Name: 38 MAIN ST
Project Number: 11846

Lab Number: L2127789
Report Date: 06/10/21

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260C
Analytical Date: 06/03/21 20:06
Analyst: KJD

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 01-04 Batch: WG1507672-5					
1,2-Dichlorobenzene	ND		ug/kg	2.0	0.14
1,3-Dichlorobenzene	ND		ug/kg	2.0	0.15
1,4-Dichlorobenzene	ND		ug/kg	2.0	0.17
Methyl tert butyl ether	ND		ug/kg	2.0	0.20
p/m-Xylene	ND		ug/kg	2.0	0.56
o-Xylene	ND		ug/kg	1.0	0.29
Xylenes, Total	ND		ug/kg	1.0	0.29
cis-1,2-Dichloroethene	ND		ug/kg	1.0	0.18
1,2-Dichloroethene, Total	ND		ug/kg	1.0	0.14
Dibromomethane	ND		ug/kg	2.0	0.24
Styrene	0.38	J	ug/kg	1.0	0.20
Dichlorodifluoromethane	ND		ug/kg	10	0.92
Acetone	ND		ug/kg	10	4.8
Carbon disulfide	ND		ug/kg	10	4.6
2-Butanone	ND		ug/kg	10	2.2
Vinyl acetate	ND		ug/kg	10	2.2
4-Methyl-2-pentanone	ND		ug/kg	10	1.3
1,2,3-Trichloropropane	ND		ug/kg	2.0	0.13
2-Hexanone	ND		ug/kg	10	1.2
Bromochloromethane	ND		ug/kg	2.0	0.20
2,2-Dichloropropane	ND		ug/kg	2.0	0.20
1,2-Dibromoethane	ND		ug/kg	1.0	0.28
1,3-Dichloropropane	ND		ug/kg	2.0	0.17
1,1,1,2-Tetrachloroethane	ND		ug/kg	0.50	0.13
Bromobenzene	ND		ug/kg	2.0	0.14
n-Butylbenzene	ND		ug/kg	1.0	0.17
sec-Butylbenzene	ND		ug/kg	1.0	0.15
tert-Butylbenzene	ND		ug/kg	2.0	0.12
o-Chlorotoluene	ND		ug/kg	2.0	0.19

Project Name: 38 MAIN ST
Project Number: 11846

Lab Number: L2127789
Report Date: 06/10/21

Method Blank Analysis Batch Quality Control

Analytical Method: 1,8260C
Analytical Date: 06/03/21 20:06
Analyst: KJD

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 01-04 Batch: WG1507672-5					
p-Chlorotoluene	ND		ug/kg	2.0	0.11
1,2-Dibromo-3-chloropropane	ND		ug/kg	3.0	1.0
Hexachlorobutadiene	ND		ug/kg	4.0	0.17
Isopropylbenzene	ND		ug/kg	1.0	0.11
p-Isopropyltoluene	ND		ug/kg	1.0	0.11
Naphthalene	ND		ug/kg	4.0	0.65
Acrylonitrile	ND		ug/kg	4.0	1.2
n-Propylbenzene	ND		ug/kg	1.0	0.17
1,2,3-Trichlorobenzene	ND		ug/kg	2.0	0.32
1,2,4-Trichlorobenzene	ND		ug/kg	2.0	0.27
1,3,5-Trimethylbenzene	ND		ug/kg	2.0	0.19
1,2,4-Trimethylbenzene	ND		ug/kg	2.0	0.33
1,4-Dioxane	ND		ug/kg	80	35.
p-Diethylbenzene	ND		ug/kg	2.0	0.18
p-Ethyltoluene	ND		ug/kg	2.0	0.38
1,2,4,5-Tetramethylbenzene	ND		ug/kg	2.0	0.19
Ethyl ether	ND		ug/kg	2.0	0.34
trans-1,4-Dichloro-2-butene	ND		ug/kg	5.0	1.4

Tentatively Identified Compounds

No Tentatively Identified Compounds ND ug/kg

Project Name: 38 MAIN ST
Project Number: 11846

Lab Number: L2127789
Report Date: 06/10/21

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260C
Analytical Date: 06/03/21 20:06
Analyst: KJD

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 01-04 Batch: WG1507672-5					

Surrogate	%Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	108		70-130
Toluene-d8	98		70-130
4-Bromofluorobenzene	94		70-130
Dibromofluoromethane	108		70-130

Lab Control Sample Analysis

Batch Quality Control

Project Name: 38 MAIN ST

Lab Number: L2127789

Project Number: 11846

Report Date: 06/10/21

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 05 Batch: WG1507501-3 WG1507501-4								
Methylene chloride	100		120		70-130	18		20
1,1-Dichloroethane	110		120		70-130	9		20
Chloroform	110		110		70-130	0		20
Carbon tetrachloride	92		100		63-132	8		20
1,2-Dichloropropane	110		130		70-130	17		20
Dibromochloromethane	100		110		63-130	10		20
1,1,2-Trichloroethane	110		120		70-130	9		20
Tetrachloroethene	100		110		70-130	10		20
Chlorobenzene	110		110		75-130	0		20
Trichlorofluoromethane	100		110		62-150	10		20
1,2-Dichloroethane	100		110		70-130	10		20
1,1,1-Trichloroethane	100		110		67-130	10		20
Bromodichloromethane	100		110		67-130	10		20
trans-1,3-Dichloropropene	99		100		70-130	1		20
cis-1,3-Dichloropropene	96		100		70-130	4		20
1,1-Dichloropropene	100		110		70-130	10		20
Bromoform	98		100		54-136	2		20
1,1,2,2-Tetrachloroethane	120		120		67-130	0		20
Benzene	110		120		70-130	9		20
Toluene	110		110		70-130	0		20
Ethylbenzene	100		110		70-130	10		20
Chloromethane	110		120		64-130	9		20
Bromomethane	89		97		39-139	9		20

Lab Control Sample Analysis

Batch Quality Control

Project Name: 38 MAIN ST

Lab Number: L2127789

Project Number: 11846

Report Date: 06/10/21

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 05 Batch: WG1507501-3 WG1507501-4								
Vinyl chloride	100		110		55-140	10		20
Chloroethane	85		98		55-138	14		20
1,1-Dichloroethene	110		120		61-145	9		20
trans-1,2-Dichloroethene	100		110		70-130	10		20
Trichloroethene	98		100		70-130	2		20
1,2-Dichlorobenzene	100		110		70-130	10		20
1,3-Dichlorobenzene	100		110		70-130	10		20
1,4-Dichlorobenzene	100		110		70-130	10		20
Methyl tert butyl ether	92		100		63-130	8		20
p/m-Xylene	105		110		70-130	5		20
o-Xylene	105		110		70-130	5		20
cis-1,2-Dichloroethene	100		110		70-130	10		20
Dibromomethane	110		120		70-130	9		20
1,2,3-Trichloropropane	110		110		64-130	0		20
Acrylonitrile	130		140	Q	70-130	7		20
Styrene	105		110		70-130	5		20
Dichlorodifluoromethane	90		95		36-147	5		20
Acetone	150	Q	150	Q	58-148	0		20
Carbon disulfide	110		120		51-130	9		20
2-Butanone	110		120		63-138	9		20
Vinyl acetate	140	Q	160	Q	70-130	13		20
4-Methyl-2-pentanone	120		130		59-130	8		20
2-Hexanone	110		130		57-130	17		20

Lab Control Sample Analysis

Batch Quality Control

Project Name: 38 MAIN ST

Project Number: 11846

Lab Number: L2127789

Report Date: 06/10/21

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 05 Batch: WG1507501-3 WG1507501-4								
Bromochloromethane	110		120		70-130	9		20
2,2-Dichloropropane	84		100		63-133	17		20
1,2-Dibromoethane	110		110		70-130	0		20
1,3-Dichloropropane	110		120		70-130	9		20
1,1,1,2-Tetrachloroethane	100		110		64-130	10		20
Bromobenzene	100		110		70-130	10		20
n-Butylbenzene	100		110		53-136	10		20
sec-Butylbenzene	100		110		70-130	10		20
tert-Butylbenzene	100		110		70-130	10		20
o-Chlorotoluene	110		110		70-130	0		20
p-Chlorotoluene	100		110		70-130	10		20
1,2-Dibromo-3-chloropropane	94		100		41-144	6		20
Hexachlorobutadiene	110		120		63-130	9		20
Isopropylbenzene	98		100		70-130	2		20
p-Isopropyltoluene	99		110		70-130	11		20
Naphthalene	90		100		70-130	11		20
n-Propylbenzene	100		110		69-130	10		20
1,2,3-Trichlorobenzene	95		100		70-130	5		20
1,2,4-Trichlorobenzene	100		110		70-130	10		20
1,3,5-Trimethylbenzene	100		110		64-130	10		20
1,2,4-Trimethylbenzene	100		110		70-130	10		20
1,4-Dioxane	104		120		56-162	14		20
p-Diethylbenzene	99		110		70-130	11		20

Lab Control Sample Analysis

Batch Quality Control

Project Name: 38 MAIN ST

Project Number: 11846

Lab Number: L2127789

Report Date: 06/10/21

Parameter	LCS		LCSD		%Recovery Limits	RPD	RPD	
	%Recovery	Qual	%Recovery	Qual			Qual	Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 05 Batch: WG1507501-3 WG1507501-4								
p-Ethyltoluene	100		110		70-130	10		20
1,2,4,5-Tetramethylbenzene	100		100		70-130	0		20
Ethyl ether	100		100		59-134	0		20
trans-1,4-Dichloro-2-butene	73		88		70-130	19		20

Surrogate	LCS		LCSD		Acceptance Criteria
	%Recovery	Qual	%Recovery	Qual	
1,2-Dichloroethane-d4	103		106		70-130
Toluene-d8	104		102		70-130
4-Bromofluorobenzene	103		101		70-130
Dibromofluoromethane	98		102		70-130

Lab Control Sample Analysis

Batch Quality Control

Project Name: 38 MAIN ST

Lab Number: L2127789

Project Number: 11846

Report Date: 06/10/21

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-04 Batch: WG1507672-3 WG1507672-4								
Methylene chloride	81		83		70-130	2		30
1,1-Dichloroethane	81		81		70-130	0		30
Chloroform	78		79		70-130	1		30
Carbon tetrachloride	87		88		70-130	1		30
1,2-Dichloropropane	81		81		70-130	0		30
Dibromochloromethane	83		84		70-130	1		30
1,1,2-Trichloroethane	82		83		70-130	1		30
Tetrachloroethene	87		88		70-130	1		30
Chlorobenzene	80		80		70-130	0		30
Trichlorofluoromethane	96		96		70-139	0		30
1,2-Dichloroethane	79		81		70-130	3		30
1,1,1-Trichloroethane	84		85		70-130	1		30
Bromodichloromethane	78		80		70-130	3		30
trans-1,3-Dichloropropene	86		88		70-130	2		30
cis-1,3-Dichloropropene	82		83		70-130	1		30
1,1-Dichloropropene	86		87		70-130	1		30
Bromoform	83		85		70-130	2		30
1,1,2,2-Tetrachloroethane	80		82		70-130	2		30
Benzene	80		80		70-130	0		30
Toluene	82		82		70-130	0		30
Ethylbenzene	83		83		70-130	0		30
Chloromethane	90		91		52-130	1		30
Bromomethane	104		108		57-147	4		30

Lab Control Sample Analysis

Batch Quality Control

Project Name: 38 MAIN ST

Project Number: 11846

Lab Number: L2127789

Report Date: 06/10/21

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-04 Batch: WG1507672-3 WG1507672-4								
Vinyl chloride	94		93		67-130	1		30
Chloroethane	91		91		50-151	0		30
1,1-Dichloroethene	87		89		65-135	2		30
trans-1,2-Dichloroethene	85		84		70-130	1		30
Trichloroethene	82		81		70-130	1		30
1,2-Dichlorobenzene	82		83		70-130	1		30
1,3-Dichlorobenzene	83		83		70-130	0		30
1,4-Dichlorobenzene	82		81		70-130	1		30
Methyl tert butyl ether	81		82		66-130	1		30
p/m-Xylene	82		81		70-130	1		30
o-Xylene	80		79		70-130	1		30
cis-1,2-Dichloroethene	79		79		70-130	0		30
Dibromomethane	83		85		70-130	2		30
Styrene	80		79		70-130	1		30
Dichlorodifluoromethane	127		127		30-146	0		30
Acetone	84		88		54-140	5		30
Carbon disulfide	85		86		59-130	1		30
2-Butanone	72		82		70-130	13		30
Vinyl acetate	83		86		70-130	4		30
4-Methyl-2-pentanone	79		83		70-130	5		30
1,2,3-Trichloropropane	78		81		68-130	4		30
2-Hexanone	75		78		70-130	4		30
Bromochloromethane	82		83		70-130	1		30

Lab Control Sample Analysis

Batch Quality Control

Project Name: 38 MAIN ST

Project Number: 11846

Lab Number: L2127789

Report Date: 06/10/21

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-04 Batch: WG1507672-3 WG1507672-4								
2,2-Dichloropropane	83		83		70-130	0		30
1,2-Dibromoethane	86		88		70-130	2		30
1,3-Dichloropropane	83		84		69-130	1		30
1,1,1,2-Tetrachloroethane	81		82		70-130	1		30
Bromobenzene	82		82		70-130	0		30
n-Butylbenzene	86		86		70-130	0		30
sec-Butylbenzene	85		84		70-130	1		30
tert-Butylbenzene	84		84		70-130	0		30
o-Chlorotoluene	82		81		70-130	1		30
p-Chlorotoluene	81		81		70-130	0		30
1,2-Dibromo-3-chloropropane	83		86		68-130	4		30
Hexachlorobutadiene	87		86		67-130	1		30
Isopropylbenzene	85		84		70-130	1		30
p-Isopropyltoluene	86		86		70-130	0		30
Naphthalene	79		82		70-130	4		30
Acrylonitrile	86		88		70-130	2		30
n-Propylbenzene	85		84		70-130	1		30
1,2,3-Trichlorobenzene	83		85		70-130	2		30
1,2,4-Trichlorobenzene	86		86		70-130	0		30
1,3,5-Trimethylbenzene	83		82		70-130	1		30
1,2,4-Trimethylbenzene	83		82		70-130	1		30
1,4-Dioxane	115		120		65-136	4		30
p-Diethylbenzene	85		87		70-130	2		30

Lab Control Sample Analysis

Batch Quality Control

Project Name: 38 MAIN ST

Project Number: 11846

Lab Number: L2127789

Report Date: 06/10/21

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-04 Batch: WG1507672-3 WG1507672-4								
p-Ethyltoluene	85		84		70-130	1		30
1,2,4,5-Tetramethylbenzene	85		85		70-130	0		30
Ethyl ether	82		84		67-130	2		30
trans-1,4-Dichloro-2-butene	88		90		70-130	2		30

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
1,2-Dichloroethane-d4	95		96		70-130
Toluene-d8	100		99		70-130
4-Bromofluorobenzene	98		97		70-130
Dibromofluoromethane	99		98		70-130

SEMIVOLATILES

Project Name: 38 MAIN ST
Project Number: 11846

Lab Number: L2127789
Report Date: 06/10/21

SAMPLE RESULTS

Lab ID: L2127789-01
 Client ID: SB-1 (1.5-2')
 Sample Location: YONKERS

Date Collected: 05/25/21 10:00
 Date Received: 05/25/21
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil
 Analytical Method: 1,8270D
 Analytical Date: 06/08/21 04:25
 Analyst: IM
 Percent Solids: 95%

Extraction Method: EPA 3546
 Extraction Date: 06/06/21 07:53

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	270		ug/kg	140	18.	1
1,2,4-Trichlorobenzene	ND		ug/kg	170	20.	1
Hexachlorobenzene	ND		ug/kg	100	19.	1
Bis(2-chloroethyl)ether	ND		ug/kg	160	23.	1
2-Chloronaphthalene	ND		ug/kg	170	17.	1
1,2-Dichlorobenzene	ND		ug/kg	170	31.	1
1,3-Dichlorobenzene	ND		ug/kg	170	30.	1
1,4-Dichlorobenzene	ND		ug/kg	170	30.	1
3,3'-Dichlorobenzidine	ND		ug/kg	170	46.	1
2,4-Dinitrotoluene	ND		ug/kg	170	34.	1
2,6-Dinitrotoluene	ND		ug/kg	170	30.	1
Fluoranthene	3000		ug/kg	100	20.	1
4-Chlorophenyl phenyl ether	ND		ug/kg	170	18.	1
4-Bromophenyl phenyl ether	ND		ug/kg	170	26.	1
Bis(2-chloroisopropyl)ether	ND		ug/kg	210	30.	1
Bis(2-chloroethoxy)methane	ND		ug/kg	190	17.	1
Hexachlorobutadiene	ND		ug/kg	170	25.	1
Hexachlorocyclopentadiene	ND		ug/kg	490	160	1
Hexachloroethane	ND		ug/kg	140	28.	1
Isophorone	ND		ug/kg	160	22.	1
Naphthalene	130	J	ug/kg	170	21.	1
Nitrobenzene	ND		ug/kg	160	26.	1
NDPA/DPA	ND		ug/kg	140	20.	1
n-Nitrosodi-n-propylamine	ND		ug/kg	170	27.	1
Bis(2-ethylhexyl)phthalate	ND		ug/kg	170	60.	1
Butyl benzyl phthalate	ND		ug/kg	170	44.	1
Di-n-butylphthalate	ND		ug/kg	170	33.	1
Di-n-octylphthalate	ND		ug/kg	170	59.	1

Project Name: 38 MAIN ST

Lab Number: L2127789

Project Number: 11846

Report Date: 06/10/21

SAMPLE RESULTS

Lab ID: L2127789-01

Date Collected: 05/25/21 10:00

Client ID: SB-1 (1.5-2')

Date Received: 05/25/21

Sample Location: YONKERS

Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Diethyl phthalate	ND		ug/kg	170	16.	1
Dimethyl phthalate	ND		ug/kg	170	36.	1
Benzo(a)anthracene	1400		ug/kg	100	19.	1
Benzo(a)pyrene	1100		ug/kg	140	42.	1
Benzo(b)fluoranthene	1500		ug/kg	100	29.	1
Benzo(k)fluoranthene	460		ug/kg	100	28.	1
Chrysene	1200		ug/kg	100	18.	1
Acenaphthylene	59	J	ug/kg	140	27.	1
Anthracene	620		ug/kg	100	34.	1
Benzo(ghi)perylene	690		ug/kg	140	20.	1
Fluorene	250		ug/kg	170	17.	1
Phenanthrene	2800		ug/kg	100	21.	1
Dibenzo(a,h)anthracene	180		ug/kg	100	20.	1
Indeno(1,2,3-cd)pyrene	760		ug/kg	140	24.	1
Pyrene	2500		ug/kg	100	17.	1
Biphenyl	ND		ug/kg	390	40.	1
4-Chloroaniline	ND		ug/kg	170	31.	1
2-Nitroaniline	ND		ug/kg	170	33.	1
3-Nitroaniline	ND		ug/kg	170	32.	1
4-Nitroaniline	ND		ug/kg	170	72.	1
Dibenzofuran	170		ug/kg	170	16.	1
2-Methylnaphthalene	83	J	ug/kg	210	21.	1
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	170	18.	1
Acetophenone	ND		ug/kg	170	21.	1
2,4,6-Trichlorophenol	ND		ug/kg	100	33.	1
p-Chloro-m-cresol	ND		ug/kg	170	26.	1
2-Chlorophenol	ND		ug/kg	170	20.	1
2,4-Dichlorophenol	ND		ug/kg	160	28.	1
2,4-Dimethylphenol	ND		ug/kg	170	57.	1
2-Nitrophenol	ND		ug/kg	370	65.	1
4-Nitrophenol	ND		ug/kg	240	70.	1
2,4-Dinitrophenol	ND		ug/kg	830	80.	1
4,6-Dinitro-o-cresol	ND		ug/kg	450	83.	1
Pentachlorophenol	ND		ug/kg	140	38.	1
Phenol	ND		ug/kg	170	26.	1
2-Methylphenol	ND		ug/kg	170	27.	1
3-Methylphenol/4-Methylphenol	ND		ug/kg	250	27.	1

Project Name: 38 MAIN ST
Project Number: 11846

Lab Number: L2127789
Report Date: 06/10/21

SAMPLE RESULTS

Lab ID: L2127789-01
 Client ID: SB-1 (1.5-2')
 Sample Location: YONKERS

Date Collected: 05/25/21 10:00
 Date Received: 05/25/21
 Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
2,4,5-Trichlorophenol	ND		ug/kg	170	33.	1
Benzoic Acid	ND		ug/kg	560	170	1
Benzyl Alcohol	ND		ug/kg	170	53.	1
Carbazole	300		ug/kg	170	17.	1
1,4-Dioxane	ND		ug/kg	26	8.0	1

Tentatively Identified Compounds

Total TIC Compounds	5010	J	ug/kg			1
Unknown PAH	199	J	ug/kg			1
Unknown Thiophene	177	J	ug/kg			1
Unknown PAH	261	J	ug/kg			1
Unknown PAH	230	J	ug/kg			1
Unknown	435	J	ug/kg			1
Unknown PAH	238	J	ug/kg			1
Unknown	462	J	ug/kg			1
Unknown	170	J	ug/kg			1
Unknown	334	J	ug/kg			1
Unknown PAH	301	J	ug/kg			1
Unknown PAH	275	J	ug/kg			1
Unknown	512	J	ug/kg			1
Unknown	312	J	ug/kg			1
Unknown PAH	763	J	ug/kg			1
Unknown	339	J	ug/kg			1

Project Name: 38 MAIN ST
Project Number: 11846

Lab Number: L2127789
Report Date: 06/10/21

SAMPLE RESULTS

Lab ID: L2127789-01
 Client ID: SB-1 (1.5-2')
 Sample Location: YONKERS

Date Collected: 05/25/21 10:00
 Date Received: 05/25/21
 Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
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Semivolatile Organics by GC/MS - Westborough Lab

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	9	Q	25-120
Phenol-d6	48		10-120
Nitrobenzene-d5	85		23-120
2-Fluorobiphenyl	73		30-120
2,4,6-Tribromophenol	2	Q	10-136
4-Terphenyl-d14	75		18-120

Project Name: 38 MAIN ST

Lab Number: L2127789

Project Number: 11846

Report Date: 06/10/21

SAMPLE RESULTS

Lab ID: L2127789-01 RE
 Client ID: SB-1 (1.5-2')
 Sample Location: YONKERS

Date Collected: 05/25/21 10:00
 Date Received: 05/25/21
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil
 Analytical Method: 1,8270D
 Analytical Date: 06/09/21 14:48
 Analyst: IM
 Percent Solids: 95%

Extraction Method: EPA 3546
 Extraction Date: 06/08/21 13:58

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	180		ug/kg	140	18.	1
1,2,4-Trichlorobenzene	ND		ug/kg	170	20.	1
Hexachlorobenzene	ND		ug/kg	100	19.	1
Bis(2-chloroethyl)ether	ND		ug/kg	150	23.	1
2-Chloronaphthalene	ND		ug/kg	170	17.	1
1,2-Dichlorobenzene	ND		ug/kg	170	31.	1
1,3-Dichlorobenzene	ND		ug/kg	170	30.	1
1,4-Dichlorobenzene	ND		ug/kg	170	30.	1
3,3'-Dichlorobenzidine	ND		ug/kg	170	46.	1
2,4-Dinitrotoluene	ND		ug/kg	170	34.	1
2,6-Dinitrotoluene	ND		ug/kg	170	29.	1
Fluoranthene	3000		ug/kg	100	20.	1
4-Chlorophenyl phenyl ether	ND		ug/kg	170	18.	1
4-Bromophenyl phenyl ether	ND		ug/kg	170	26.	1
Bis(2-chloroisopropyl)ether	ND		ug/kg	200	29.	1
Bis(2-chloroethoxy)methane	ND		ug/kg	180	17.	1
Hexachlorobutadiene	ND		ug/kg	170	25.	1
Hexachlorocyclopentadiene	ND		ug/kg	490	160	1
Hexachloroethane	ND		ug/kg	140	28.	1
Isophorone	ND		ug/kg	150	22.	1
Naphthalene	71	J	ug/kg	170	21.	1
Nitrobenzene	ND		ug/kg	150	25.	1
NDPA/DPA	ND		ug/kg	140	20.	1
n-Nitrosodi-n-propylamine	ND		ug/kg	170	26.	1
Bis(2-ethylhexyl)phthalate	ND		ug/kg	170	59.	1
Butyl benzyl phthalate	ND		ug/kg	170	43.	1
Di-n-butylphthalate	ND		ug/kg	170	32.	1
Di-n-octylphthalate	ND		ug/kg	170	58.	1

Project Name: 38 MAIN ST

Lab Number: L2127789

Project Number: 11846

Report Date: 06/10/21

SAMPLE RESULTS

Lab ID: L2127789-01 RE

Date Collected: 05/25/21 10:00

Client ID: SB-1 (1.5-2')

Date Received: 05/25/21

Sample Location: YONKERS

Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Diethyl phthalate	ND		ug/kg	170	16.	1
Dimethyl phthalate	ND		ug/kg	170	36.	1
Benzo(a)anthracene	1300		ug/kg	100	19.	1
Benzo(a)pyrene	1000		ug/kg	140	42.	1
Benzo(b)fluoranthene	1400		ug/kg	100	29.	1
Benzo(k)fluoranthene	420		ug/kg	100	27.	1
Chrysene	1200		ug/kg	100	18.	1
Acenaphthylene	97	J	ug/kg	140	26.	1
Anthracene	510		ug/kg	100	33.	1
Benzo(ghi)perylene	650		ug/kg	140	20.	1
Fluorene	190		ug/kg	170	17.	1
Phenanthrene	2400		ug/kg	100	21.	1
Dibenzo(a,h)anthracene	160		ug/kg	100	20.	1
Indeno(1,2,3-cd)pyrene	720		ug/kg	140	24.	1
Pyrene	2500		ug/kg	100	17.	1
Biphenyl	ND		ug/kg	390	40.	1
4-Chloroaniline	ND		ug/kg	170	31.	1
2-Nitroaniline	ND		ug/kg	170	33.	1
3-Nitroaniline	ND		ug/kg	170	32.	1
4-Nitroaniline	ND		ug/kg	170	71.	1
Dibenzofuran	130	J	ug/kg	170	16.	1
2-Methylnaphthalene	43	J	ug/kg	200	21.	1
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	170	18.	1
Acetophenone	ND		ug/kg	170	21.	1
2,4,6-Trichlorophenol	ND		ug/kg	100	32.	1
p-Chloro-m-cresol	ND		ug/kg	170	26.	1
2-Chlorophenol	ND		ug/kg	170	20.	1
2,4-Dichlorophenol	ND		ug/kg	150	28.	1
2,4-Dimethylphenol	ND		ug/kg	170	57.	1
2-Nitrophenol	ND		ug/kg	370	64.	1
4-Nitrophenol	ND		ug/kg	240	70.	1
2,4-Dinitrophenol	ND		ug/kg	820	80.	1
4,6-Dinitro-o-cresol	ND		ug/kg	450	82.	1
Pentachlorophenol	ND		ug/kg	140	38.	1
Phenol	ND		ug/kg	170	26.	1
2-Methylphenol	ND		ug/kg	170	27.	1
3-Methylphenol/4-Methylphenol	ND		ug/kg	250	27.	1

Project Name: 38 MAIN ST

Lab Number: L2127789

Project Number: 11846

Report Date: 06/10/21

SAMPLE RESULTS

Lab ID: L2127789-01 RE

Date Collected: 05/25/21 10:00

Client ID: SB-1 (1.5-2')

Date Received: 05/25/21

Sample Location: YONKERS

Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
2,4,5-Trichlorophenol	ND		ug/kg	170	33.	1
Benzoic Acid	ND		ug/kg	560	170	1
Benzyl Alcohol	ND		ug/kg	170	52.	1
Carbazole	240		ug/kg	170	17.	1
1,4-Dioxane	ND		ug/kg	26	7.9	1

Tentatively Identified Compounds

Total TIC Compounds	4620	J	ug/kg			1
Unknown PAH	756	J	ug/kg			1
Unknown PAH	262	J	ug/kg			1
Unknown	397	J	ug/kg			1
Unknown PAH	179	J	ug/kg			1
Unknown	192	J	ug/kg			1
Unknown PAH	330	J	ug/kg			1
Unknown	328	J	ug/kg			1
Unknown PAH	308	J	ug/kg			1
Unknown PAH	287	J	ug/kg			1
Unknown PAH	286	J	ug/kg			1
Unknown PAH	234	J	ug/kg			1
Unknown PAH	222	J	ug/kg			1
Unknown	425	J	ug/kg			1
Unknown PAH	200	J	ug/kg			1
Unknown PAH	211	J	ug/kg			1

Project Name: 38 MAIN ST**Lab Number:** L2127789**Project Number:** 11846**Report Date:** 06/10/21**SAMPLE RESULTS**

Lab ID: L2127789-01 RE

Date Collected: 05/25/21 10:00

Client ID: SB-1 (1.5-2')

Date Received: 05/25/21

Sample Location: YONKERS

Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
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Semivolatile Organics by GC/MS - Westborough Lab

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	23	Q	25-120
Phenol-d6	62		10-120
Nitrobenzene-d5	87		23-120
2-Fluorobiphenyl	74		30-120
2,4,6-Tribromophenol	7	Q	10-136
4-Terphenyl-d14	68		18-120

Project Name: 38 MAIN ST

Lab Number: L2127789

Project Number: 11846

Report Date: 06/10/21

SAMPLE RESULTS

Lab ID: L2127789-02

Date Collected: 05/25/21 10:15

Client ID: SB-1 (6.5-7')

Date Received: 05/25/21

Sample Location: YONKERS

Field Prep: Not Specified

Sample Depth:

Matrix: Soil

Extraction Method: EPA 3546

Analytical Method: 1,8270D

Extraction Date: 06/06/21 07:53

Analytical Date: 06/08/21 00:29

Analyst: IM

Percent Solids: 96%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	ND		ug/kg	140	18.	1
1,2,4-Trichlorobenzene	ND		ug/kg	170	20.	1
Hexachlorobenzene	ND		ug/kg	100	19.	1
Bis(2-chloroethyl)ether	ND		ug/kg	160	23.	1
2-Chloronaphthalene	ND		ug/kg	170	17.	1
1,2-Dichlorobenzene	ND		ug/kg	170	31.	1
1,3-Dichlorobenzene	ND		ug/kg	170	30.	1
1,4-Dichlorobenzene	ND		ug/kg	170	30.	1
3,3'-Dichlorobenzidine	ND		ug/kg	170	46.	1
2,4-Dinitrotoluene	ND		ug/kg	170	35.	1
2,6-Dinitrotoluene	ND		ug/kg	170	30.	1
Fluoranthene	ND		ug/kg	100	20.	1
4-Chlorophenyl phenyl ether	ND		ug/kg	170	18.	1
4-Bromophenyl phenyl ether	ND		ug/kg	170	26.	1
Bis(2-chloroisopropyl)ether	ND		ug/kg	210	30.	1
Bis(2-chloroethoxy)methane	ND		ug/kg	190	17.	1
Hexachlorobutadiene	ND		ug/kg	170	25.	1
Hexachlorocyclopentadiene	ND		ug/kg	500	160	1
Hexachloroethane	ND		ug/kg	140	28.	1
Isophorone	ND		ug/kg	160	22.	1
Naphthalene	ND		ug/kg	170	21.	1
Nitrobenzene	ND		ug/kg	160	26.	1
NDPA/DPA	ND		ug/kg	140	20.	1
n-Nitrosodi-n-propylamine	ND		ug/kg	170	27.	1
Bis(2-ethylhexyl)phthalate	ND		ug/kg	170	60.	1
Butyl benzyl phthalate	ND		ug/kg	170	44.	1
Di-n-butylphthalate	ND		ug/kg	170	33.	1
Di-n-octylphthalate	ND		ug/kg	170	59.	1

Project Name: 38 MAIN ST

Lab Number: L2127789

Project Number: 11846

Report Date: 06/10/21

SAMPLE RESULTS

Lab ID: L2127789-02

Date Collected: 05/25/21 10:15

Client ID: SB-1 (6.5-7')

Date Received: 05/25/21

Sample Location: YONKERS

Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Diethyl phthalate	ND		ug/kg	170	16.	1
Dimethyl phthalate	ND		ug/kg	170	36.	1
Benzo(a)anthracene	ND		ug/kg	100	19.	1
Benzo(a)pyrene	ND		ug/kg	140	42.	1
Benzo(b)fluoranthene	ND		ug/kg	100	29.	1
Benzo(k)fluoranthene	ND		ug/kg	100	28.	1
Chrysene	ND		ug/kg	100	18.	1
Acenaphthylene	ND		ug/kg	140	27.	1
Anthracene	ND		ug/kg	100	34.	1
Benzo(ghi)perylene	ND		ug/kg	140	20.	1
Fluorene	ND		ug/kg	170	17.	1
Phenanthrene	ND		ug/kg	100	21.	1
Dibenzo(a,h)anthracene	ND		ug/kg	100	20.	1
Indeno(1,2,3-cd)pyrene	ND		ug/kg	140	24.	1
Pyrene	ND		ug/kg	100	17.	1
Biphenyl	ND		ug/kg	390	40.	1
4-Chloroaniline	ND		ug/kg	170	32.	1
2-Nitroaniline	ND		ug/kg	170	33.	1
3-Nitroaniline	ND		ug/kg	170	33.	1
4-Nitroaniline	ND		ug/kg	170	72.	1
Dibenzofuran	ND		ug/kg	170	16.	1
2-Methylnaphthalene	ND		ug/kg	210	21.	1
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	170	18.	1
Acetophenone	ND		ug/kg	170	21.	1
2,4,6-Trichlorophenol	ND		ug/kg	100	33.	1
p-Chloro-m-cresol	ND		ug/kg	170	26.	1
2-Chlorophenol	ND		ug/kg	170	20.	1
2,4-Dichlorophenol	ND		ug/kg	160	28.	1
2,4-Dimethylphenol	ND		ug/kg	170	57.	1
2-Nitrophenol	ND		ug/kg	370	65.	1
4-Nitrophenol	ND		ug/kg	240	71.	1
2,4-Dinitrophenol	ND		ug/kg	830	81.	1
4,6-Dinitro-o-cresol	ND		ug/kg	450	83.	1
Pentachlorophenol	ND		ug/kg	140	38.	1
Phenol	ND		ug/kg	170	26.	1
2-Methylphenol	ND		ug/kg	170	27.	1
3-Methylphenol/4-Methylphenol	ND		ug/kg	250	27.	1

Project Name: 38 MAIN ST

Lab Number: L2127789

Project Number: 11846

Report Date: 06/10/21

SAMPLE RESULTS

Lab ID: L2127789-02

Date Collected: 05/25/21 10:15

Client ID: SB-1 (6.5-7')

Date Received: 05/25/21

Sample Location: YONKERS

Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
2,4,5-Trichlorophenol	ND		ug/kg	170	33.	1
Benzoic Acid	ND		ug/kg	560	180	1
Benzyl Alcohol	ND		ug/kg	170	53.	1
Carbazole	ND		ug/kg	170	17.	1
1,4-Dioxane	ND		ug/kg	26	8.0	1

Tentatively Identified Compounds

No Tentatively Identified Compounds	ND	ug/kg	1
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Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	68		25-120
Phenol-d6	75		10-120
Nitrobenzene-d5	83		23-120
2-Fluorobiphenyl	73		30-120
2,4,6-Tribromophenol	64		10-136
4-Terphenyl-d14	78		18-120

Project Name: 38 MAIN ST

Lab Number: L2127789

Project Number: 11846

Report Date: 06/10/21

SAMPLE RESULTS

Lab ID: L2127789-03

Date Collected: 05/25/21 12:00

Client ID: SB-3 (2-2.5')

Date Received: 05/25/21

Sample Location: YONKERS

Field Prep: Not Specified

Sample Depth:

Matrix: Soil

Extraction Method: EPA 3546

Analytical Method: 1,8270D

Extraction Date: 06/06/21 07:53

Analytical Date: 06/08/21 04:48

Analyst: IM

Percent Solids: 96%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	ND		ug/kg	140	18.	1
1,2,4-Trichlorobenzene	ND		ug/kg	170	20.	1
Hexachlorobenzene	ND		ug/kg	100	19.	1
Bis(2-chloroethyl)ether	ND		ug/kg	150	23.	1
2-Chloronaphthalene	ND		ug/kg	170	17.	1
1,2-Dichlorobenzene	ND		ug/kg	170	31.	1
1,3-Dichlorobenzene	ND		ug/kg	170	30.	1
1,4-Dichlorobenzene	ND		ug/kg	170	30.	1
3,3'-Dichlorobenzidine	ND		ug/kg	170	46.	1
2,4-Dinitrotoluene	ND		ug/kg	170	34.	1
2,6-Dinitrotoluene	ND		ug/kg	170	30.	1
Fluoranthene	84	J	ug/kg	100	20.	1
4-Chlorophenyl phenyl ether	ND		ug/kg	170	18.	1
4-Bromophenyl phenyl ether	ND		ug/kg	170	26.	1
Bis(2-chloroisopropyl)ether	ND		ug/kg	210	29.	1
Bis(2-chloroethoxy)methane	ND		ug/kg	180	17.	1
Hexachlorobutadiene	ND		ug/kg	170	25.	1
Hexachlorocyclopentadiene	ND		ug/kg	490	160	1
Hexachloroethane	ND		ug/kg	140	28.	1
Isophorone	ND		ug/kg	150	22.	1
Naphthalene	ND		ug/kg	170	21.	1
Nitrobenzene	ND		ug/kg	150	25.	1
NDPA/DPA	ND		ug/kg	140	20.	1
n-Nitrosodi-n-propylamine	ND		ug/kg	170	26.	1
Bis(2-ethylhexyl)phthalate	ND		ug/kg	170	60.	1
Butyl benzyl phthalate	ND		ug/kg	170	43.	1
Di-n-butylphthalate	ND		ug/kg	170	33.	1
Di-n-octylphthalate	ND		ug/kg	170	58.	1

Project Name: 38 MAIN ST

Lab Number: L2127789

Project Number: 11846

Report Date: 06/10/21

SAMPLE RESULTS

Lab ID: L2127789-03

Date Collected: 05/25/21 12:00

Client ID: SB-3 (2-2.5')

Date Received: 05/25/21

Sample Location: YONKERS

Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Diethyl phthalate	ND		ug/kg	170	16.	1
Dimethyl phthalate	ND		ug/kg	170	36.	1
Benzo(a)anthracene	54	J	ug/kg	100	19.	1
Benzo(a)pyrene	58	J	ug/kg	140	42.	1
Benzo(b)fluoranthene	76	J	ug/kg	100	29.	1
Benzo(k)fluoranthene	ND		ug/kg	100	28.	1
Chrysene	56	J	ug/kg	100	18.	1
Acenaphthylene	ND		ug/kg	140	26.	1
Anthracene	ND		ug/kg	100	34.	1
Benzo(ghi)perylene	46	J	ug/kg	140	20.	1
Fluorene	ND		ug/kg	170	17.	1
Phenanthrene	41	J	ug/kg	100	21.	1
Dibenzo(a,h)anthracene	ND		ug/kg	100	20.	1
Indeno(1,2,3-cd)pyrene	47	J	ug/kg	140	24.	1
Pyrene	77	J	ug/kg	100	17.	1
Biphenyl	ND		ug/kg	390	40.	1
4-Chloroaniline	ND		ug/kg	170	31.	1
2-Nitroaniline	ND		ug/kg	170	33.	1
3-Nitroaniline	ND		ug/kg	170	32.	1
4-Nitroaniline	ND		ug/kg	170	71.	1
Dibenzofuran	ND		ug/kg	170	16.	1
2-Methylnaphthalene	ND		ug/kg	210	21.	1
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	170	18.	1
Acetophenone	ND		ug/kg	170	21.	1
2,4,6-Trichlorophenol	ND		ug/kg	100	33.	1
p-Chloro-m-cresol	ND		ug/kg	170	26.	1
2-Chlorophenol	ND		ug/kg	170	20.	1
2,4-Dichlorophenol	ND		ug/kg	150	28.	1
2,4-Dimethylphenol	ND		ug/kg	170	57.	1
2-Nitrophenol	ND		ug/kg	370	65.	1
4-Nitrophenol	ND		ug/kg	240	70.	1
2,4-Dinitrophenol	ND		ug/kg	830	80.	1
4,6-Dinitro-o-cresol	ND		ug/kg	450	83.	1
Pentachlorophenol	ND		ug/kg	140	38.	1
Phenol	ND		ug/kg	170	26.	1
2-Methylphenol	ND		ug/kg	170	27.	1
3-Methylphenol/4-Methylphenol	ND		ug/kg	250	27.	1

Project Name: 38 MAIN ST
Project Number: 11846

Lab Number: L2127789
Report Date: 06/10/21

SAMPLE RESULTS

Lab ID: L2127789-03
Client ID: SB-3 (2-2.5')
Sample Location: YONKERS

Date Collected: 05/25/21 12:00
Date Received: 05/25/21
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
2,4,5-Trichlorophenol	ND		ug/kg	170	33.	1
Benzoic Acid	ND		ug/kg	560	170	1
Benzyl Alcohol	ND		ug/kg	170	53.	1
Carbazole	ND		ug/kg	170	17.	1
1,4-Dioxane	ND		ug/kg	26	7.9	1

Tentatively Identified Compounds

No Tentatively Identified Compounds	ND	ug/kg	1
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Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	75		25-120
Phenol-d6	83		10-120
Nitrobenzene-d5	86		23-120
2-Fluorobiphenyl	72		30-120
2,4,6-Tribromophenol	68		10-136
4-Terphenyl-d14	73		18-120

Project Name: 38 MAIN ST

Lab Number: L2127789

Project Number: 11846

Report Date: 06/10/21

SAMPLE RESULTS

Lab ID: L2127789-04

Date Collected: 05/25/21 12:15

Client ID: SB-3 (5.5-6')

Date Received: 05/25/21

Sample Location: YONKERS

Field Prep: Not Specified

Sample Depth:

Matrix: Soil

Extraction Method: EPA 3546

Analytical Method: 1,8270D

Extraction Date: 06/06/21 07:53

Analytical Date: 06/08/21 05:12

Analyst: IM

Percent Solids: 95%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	1600		ug/kg	140	18.	1
1,2,4-Trichlorobenzene	ND		ug/kg	170	20.	1
Hexachlorobenzene	ND		ug/kg	100	19.	1
Bis(2-chloroethyl)ether	ND		ug/kg	150	23.	1
2-Chloronaphthalene	ND		ug/kg	170	17.	1
1,2-Dichlorobenzene	40	J	ug/kg	170	31.	1
1,3-Dichlorobenzene	ND		ug/kg	170	30.	1
1,4-Dichlorobenzene	ND		ug/kg	170	30.	1
3,3'-Dichlorobenzidine	ND		ug/kg	170	46.	1
2,4-Dinitrotoluene	ND		ug/kg	170	34.	1
2,6-Dinitrotoluene	ND		ug/kg	170	29.	1
Fluoranthene	26000	E	ug/kg	100	20.	1
4-Chlorophenyl phenyl ether	ND		ug/kg	170	18.	1
4-Bromophenyl phenyl ether	ND		ug/kg	170	26.	1
Bis(2-chloroisopropyl)ether	ND		ug/kg	210	29.	1
Bis(2-chloroethoxy)methane	ND		ug/kg	180	17.	1
Hexachlorobutadiene	ND		ug/kg	170	25.	1
Hexachlorocyclopentadiene	ND		ug/kg	490	160	1
Hexachloroethane	ND		ug/kg	140	28.	1
Isophorone	ND		ug/kg	150	22.	1
Naphthalene	740		ug/kg	170	21.	1
Nitrobenzene	ND		ug/kg	150	25.	1
NDPA/DPA	ND		ug/kg	140	20.	1
n-Nitrosodi-n-propylamine	ND		ug/kg	170	26.	1
Bis(2-ethylhexyl)phthalate	98	J	ug/kg	170	59.	1
Butyl benzyl phthalate	140	J	ug/kg	170	43.	1
Di-n-butylphthalate	ND		ug/kg	170	32.	1
Di-n-octylphthalate	ND		ug/kg	170	58.	1

Project Name: 38 MAIN ST

Lab Number: L2127789

Project Number: 11846

Report Date: 06/10/21

SAMPLE RESULTS

Lab ID: L2127789-04

Date Collected: 05/25/21 12:15

Client ID: SB-3 (5.5-6')

Date Received: 05/25/21

Sample Location: YONKERS

Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Diethyl phthalate	ND		ug/kg	170	16.	1
Dimethyl phthalate	ND		ug/kg	170	36.	1
Benzo(a)anthracene	12000	E	ug/kg	100	19.	1
Benzo(a)pyrene	11000	E	ug/kg	140	42.	1
Benzo(b)fluoranthene	13000	E	ug/kg	100	29.	1
Benzo(k)fluoranthene	3800		ug/kg	100	27.	1
Chrysene	10000	E	ug/kg	100	18.	1
Acenaphthylene	1600		ug/kg	140	26.	1
Anthracene	5900		ug/kg	100	34.	1
Benzo(ghi)perylene	5000		ug/kg	140	20.	1
Fluorene	2500		ug/kg	170	17.	1
Phenanthrene	22000	E	ug/kg	100	21.	1
Dibenzo(a,h)anthracene	1500		ug/kg	100	20.	1
Indeno(1,2,3-cd)pyrene	6200		ug/kg	140	24.	1
Pyrene	21000	E	ug/kg	100	17.	1
Biphenyl	240	J	ug/kg	390	40.	1
4-Chloroaniline	ND		ug/kg	170	31.	1
2-Nitroaniline	ND		ug/kg	170	33.	1
3-Nitroaniline	ND		ug/kg	170	32.	1
4-Nitroaniline	ND		ug/kg	170	71.	1
Dibenzofuran	1800		ug/kg	170	16.	1
2-Methylnaphthalene	360		ug/kg	210	21.	1
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	170	18.	1
Acetophenone	ND		ug/kg	170	21.	1
2,4,6-Trichlorophenol	ND		ug/kg	100	32.	1
p-Chloro-m-cresol	ND		ug/kg	170	26.	1
2-Chlorophenol	ND		ug/kg	170	20.	1
2,4-Dichlorophenol	ND		ug/kg	150	28.	1
2,4-Dimethylphenol	ND		ug/kg	170	57.	1
2-Nitrophenol	ND		ug/kg	370	65.	1
4-Nitrophenol	ND		ug/kg	240	70.	1
2,4-Dinitrophenol	ND		ug/kg	820	80.	1
4,6-Dinitro-o-cresol	ND		ug/kg	450	82.	1
Pentachlorophenol	ND		ug/kg	140	38.	1
Phenol	100	J	ug/kg	170	26.	1
2-Methylphenol	34	J	ug/kg	170	27.	1
3-Methylphenol/4-Methylphenol	120	J	ug/kg	250	27.	1

Project Name: 38 MAIN ST
Project Number: 11846

Lab Number: L2127789
Report Date: 06/10/21

SAMPLE RESULTS

Lab ID: L2127789-04
Client ID: SB-3 (5.5-6')
Sample Location: YONKERS

Date Collected: 05/25/21 12:15
Date Received: 05/25/21
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
2,4,5-Trichlorophenol	ND		ug/kg	170	33.	1
Benzoic Acid	ND		ug/kg	560	170	1
Benzyl Alcohol	ND		ug/kg	170	52.	1
Carbazole	1400		ug/kg	170	17.	1
1,4-Dioxane	ND		ug/kg	26	7.9	1

Tentatively Identified Compounds

Total TIC Compounds	51500	J	ug/kg			1
Unknown PAH	5600	J	ug/kg			1
Unknown PAH	4130	J	ug/kg			1
Unknown PAH	3530	J	ug/kg			1
Unknown PAH	3840	J	ug/kg			1
Unknown PAH	11600	J	ug/kg			1
Unknown PAH	2140	J	ug/kg			1
Unknown Alkane	1610	J	ug/kg			1
Unknown PAH	4060	J	ug/kg			1
Unknown	1600	J	ug/kg			1
Unknown	2480	J	ug/kg			1
Unknown PAH	2140	J	ug/kg			1
Unknown Alkane	1290	J	ug/kg			1
Unknown PAH	1510	J	ug/kg			1
Unknown	3150	J	ug/kg			1
Unknown PAH	2800	J	ug/kg			1

Project Name: 38 MAIN ST
Project Number: 11846

Lab Number: L2127789
Report Date: 06/10/21

SAMPLE RESULTS

Lab ID: L2127789-04
 Client ID: SB-3 (5.5-6')
 Sample Location: YONKERS

Date Collected: 05/25/21 12:15
 Date Received: 05/25/21
 Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
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Semivolatile Organics by GC/MS - Westborough Lab

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	73		25-120
Phenol-d6	79		10-120
Nitrobenzene-d5	86		23-120
2-Fluorobiphenyl	67		30-120
2,4,6-Tribromophenol	65		10-136
4-Terphenyl-d14	67		18-120

Project Name: 38 MAIN ST**Lab Number:** L2127789**Project Number:** 11846**Report Date:** 06/10/21**SAMPLE RESULTS**

Lab ID: L2127789-04 D

Date Collected: 05/25/21 12:15

Client ID: SB-3 (5.5-6')

Date Received: 05/25/21

Sample Location: YONKERS

Field Prep: Not Specified

Sample Depth:

Matrix: Soil

Extraction Method: EPA 3546

Analytical Method: 1,8270D

Extraction Date: 06/06/21 07:53

Analytical Date: 06/08/21 16:18

Analyst: WR

Percent Solids: 95%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Fluoranthene	22000		ug/kg	1000	200	10
Benzo(a)anthracene	11000		ug/kg	1000	190	10
Benzo(a)pyrene	8500		ug/kg	1400	420	10
Benzo(b)fluoranthene	11000		ug/kg	1000	290	10
Chrysene	9100		ug/kg	1000	180	10
Phenanthrene	20000		ug/kg	1000	210	10
Pyrene	18000		ug/kg	1000	170	10

Project Name: 38 MAIN ST
Project Number: 11846

Lab Number: L2127789
Report Date: 06/10/21

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270D
Analytical Date: 06/07/21 14:24
Analyst: IM

Extraction Method: EPA 3546
Extraction Date: 06/06/21 07:50

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatle Organics by GC/MS - Westborough Lab for sample(s): 01-04 Batch: WG1508164-1					
Acenaphthene	ND		ug/kg	130	17.
1,2,4-Trichlorobenzene	ND		ug/kg	160	19.
Hexachlorobenzene	ND		ug/kg	98	18.
Bis(2-chloroethyl)ether	ND		ug/kg	150	22.
2-Chloronaphthalene	ND		ug/kg	160	16.
1,2-Dichlorobenzene	ND		ug/kg	160	29.
1,3-Dichlorobenzene	ND		ug/kg	160	28.
1,4-Dichlorobenzene	ND		ug/kg	160	29.
3,3'-Dichlorobenzidine	ND		ug/kg	160	44.
2,4-Dinitrotoluene	ND		ug/kg	160	33.
2,6-Dinitrotoluene	ND		ug/kg	160	28.
Fluoranthene	ND		ug/kg	98	19.
4-Chlorophenyl phenyl ether	ND		ug/kg	160	18.
4-Bromophenyl phenyl ether	ND		ug/kg	160	25.
Bis(2-chloroisopropyl)ether	ND		ug/kg	200	28.
Bis(2-chloroethoxy)methane	ND		ug/kg	180	16.
Hexachlorobutadiene	ND		ug/kg	160	24.
Hexachlorocyclopentadiene	ND		ug/kg	470	150
Hexachloroethane	ND		ug/kg	130	26.
Isophorone	ND		ug/kg	150	21.
Naphthalene	ND		ug/kg	160	20.
Nitrobenzene	ND		ug/kg	150	24.
NDPA/DPA	ND		ug/kg	130	19.
n-Nitrosodi-n-propylamine	ND		ug/kg	160	25.
Bis(2-ethylhexyl)phthalate	ND		ug/kg	160	57.
Butyl benzyl phthalate	ND		ug/kg	160	41.
Di-n-butylphthalate	ND		ug/kg	160	31.
Di-n-octylphthalate	ND		ug/kg	160	56.
Diethyl phthalate	ND		ug/kg	160	15.

Project Name: 38 MAIN ST
Project Number: 11846

Lab Number: L2127789
Report Date: 06/10/21

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270D
Analytical Date: 06/07/21 14:24
Analyst: IM

Extraction Method: EPA 3546
Extraction Date: 06/06/21 07:50

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 01-04 Batch: WG1508164-1					
Dimethyl phthalate	ND		ug/kg	160	34.
Benzo(a)anthracene	ND		ug/kg	98	18.
Benzo(a)pyrene	ND		ug/kg	130	40.
Benzo(b)fluoranthene	ND		ug/kg	98	28.
Benzo(k)fluoranthene	ND		ug/kg	98	26.
Chrysene	ND		ug/kg	98	17.
Acenaphthylene	ND		ug/kg	130	25.
Anthracene	ND		ug/kg	98	32.
Benzo(ghi)perylene	ND		ug/kg	130	19.
Fluorene	ND		ug/kg	160	16.
Phenanthrene	ND		ug/kg	98	20.
Dibenzo(a,h)anthracene	ND		ug/kg	98	19.
Indeno(1,2,3-cd)pyrene	ND		ug/kg	130	23.
Pyrene	ND		ug/kg	98	16.
Biphenyl	ND		ug/kg	370	38.
4-Chloroaniline	ND		ug/kg	160	30.
2-Nitroaniline	ND		ug/kg	160	32.
3-Nitroaniline	ND		ug/kg	160	31.
4-Nitroaniline	ND		ug/kg	160	68.
Dibenzofuran	ND		ug/kg	160	16.
2-Methylnaphthalene	ND		ug/kg	200	20.
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	160	17.
Acetophenone	ND		ug/kg	160	20.
2,4,6-Trichlorophenol	ND		ug/kg	98	31.
p-Chloro-m-cresol	ND		ug/kg	160	24.
2-Chlorophenol	ND		ug/kg	160	19.
2,4-Dichlorophenol	ND		ug/kg	150	26.
2,4-Dimethylphenol	ND		ug/kg	160	54.
2-Nitrophenol	ND		ug/kg	350	62.

Project Name: 38 MAIN ST
Project Number: 11846

Lab Number: L2127789
Report Date: 06/10/21

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270D
Analytical Date: 06/07/21 14:24
Analyst: IM

Extraction Method: EPA 3546
Extraction Date: 06/06/21 07:50

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 01-04 Batch: WG1508164-1					
4-Nitrophenol	ND		ug/kg	230	67.
2,4-Dinitrophenol	ND		ug/kg	790	76.
4,6-Dinitro-o-cresol	ND		ug/kg	430	79.
Pentachlorophenol	ND		ug/kg	130	36.
Phenol	ND		ug/kg	160	25.
2-Methylphenol	ND		ug/kg	160	25.
3-Methylphenol/4-Methylphenol	ND		ug/kg	240	26.
2,4,5-Trichlorophenol	ND		ug/kg	160	31.
Benzoic Acid	ND		ug/kg	530	160
Benzyl Alcohol	ND		ug/kg	160	50.
Carbazole	ND		ug/kg	160	16.
1,4-Dioxane	ND		ug/kg	24	7.5

Tentatively Identified Compounds

No Tentatively Identified Compounds ND ug/kg

Surrogate	%Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	73		25-120
Phenol-d6	72		10-120
Nitrobenzene-d5	76		23-120
2-Fluorobiphenyl	69		30-120
2,4,6-Tribromophenol	75		10-136
4-Terphenyl-d14	76		18-120

Project Name: 38 MAIN ST
Project Number: 11846

Lab Number: L2127789
Report Date: 06/10/21

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270D
Analytical Date: 06/08/21 11:04
Analyst: ALS

Extraction Method: EPA 3546
Extraction Date: 06/07/21 17:00

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 01 Batch: WG1508673-1					
Acenaphthene	ND		ug/kg	130	17.
1,2,4-Trichlorobenzene	ND		ug/kg	160	19.
Hexachlorobenzene	ND		ug/kg	98	18.
Bis(2-chloroethyl)ether	ND		ug/kg	150	22.
2-Chloronaphthalene	ND		ug/kg	160	16.
1,2-Dichlorobenzene	ND		ug/kg	160	29.
1,3-Dichlorobenzene	ND		ug/kg	160	28.
1,4-Dichlorobenzene	ND		ug/kg	160	28.
3,3'-Dichlorobenzidine	ND		ug/kg	160	44.
2,4-Dinitrotoluene	ND		ug/kg	160	33.
2,6-Dinitrotoluene	ND		ug/kg	160	28.
Fluoranthene	ND		ug/kg	98	19.
4-Chlorophenyl phenyl ether	ND		ug/kg	160	18.
4-Bromophenyl phenyl ether	ND		ug/kg	160	25.
Bis(2-chloroisopropyl)ether	ND		ug/kg	200	28.
Bis(2-chloroethoxy)methane	ND		ug/kg	180	16.
Hexachlorobutadiene	ND		ug/kg	160	24.
Hexachlorocyclopentadiene	ND		ug/kg	470	150
Hexachloroethane	ND		ug/kg	130	26.
Isophorone	ND		ug/kg	150	21.
Naphthalene	ND		ug/kg	160	20.
Nitrobenzene	ND		ug/kg	150	24.
NDPA/DPA	ND		ug/kg	130	19.
n-Nitrosodi-n-propylamine	ND		ug/kg	160	25.
Bis(2-ethylhexyl)phthalate	ND		ug/kg	160	56.
Butyl benzyl phthalate	ND		ug/kg	160	41.
Di-n-butylphthalate	ND		ug/kg	160	31.
Di-n-octylphthalate	ND		ug/kg	160	56.
Diethyl phthalate	ND		ug/kg	160	15.

Project Name: 38 MAIN ST
Project Number: 11846

Lab Number: L2127789
Report Date: 06/10/21

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270D
Analytical Date: 06/08/21 11:04
Analyst: ALS

Extraction Method: EPA 3546
Extraction Date: 06/07/21 17:00

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 01 Batch: WG1508673-1					
Dimethyl phthalate	ND		ug/kg	160	34.
Benzo(a)anthracene	22	J	ug/kg	98	18.
Benzo(a)pyrene	60	J	ug/kg	130	40.
Benzo(b)fluoranthene	59	J	ug/kg	98	28.
Benzo(k)fluoranthene	ND		ug/kg	98	26.
Chrysene	17	J	ug/kg	98	17.
Acenaphthylene	ND		ug/kg	130	25.
Anthracene	ND		ug/kg	98	32.
Benzo(ghi)perylene	41	J	ug/kg	130	19.
Fluorene	ND		ug/kg	160	16.
Phenanthrene	ND		ug/kg	98	20.
Dibenzo(a,h)anthracene	ND		ug/kg	98	19.
Indeno(1,2,3-cd)pyrene	49	J	ug/kg	130	23.
Pyrene	ND		ug/kg	98	16.
Biphenyl	ND		ug/kg	370	38.
4-Chloroaniline	ND		ug/kg	160	30.
2-Nitroaniline	ND		ug/kg	160	32.
3-Nitroaniline	ND		ug/kg	160	31.
4-Nitroaniline	ND		ug/kg	160	68.
Dibenzofuran	ND		ug/kg	160	15.
2-Methylnaphthalene	ND		ug/kg	200	20.
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	160	17.
Acetophenone	ND		ug/kg	160	20.
2,4,6-Trichlorophenol	ND		ug/kg	98	31.
p-Chloro-m-cresol	ND		ug/kg	160	24.
2-Chlorophenol	ND		ug/kg	160	19.
2,4-Dichlorophenol	ND		ug/kg	150	26.
2,4-Dimethylphenol	ND		ug/kg	160	54.
2-Nitrophenol	ND		ug/kg	350	61.

Project Name: 38 MAIN ST
Project Number: 11846

Lab Number: L2127789
Report Date: 06/10/21

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270D
Analytical Date: 06/08/21 11:04
Analyst: ALS

Extraction Method: EPA 3546
Extraction Date: 06/07/21 17:00

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 01 Batch: WG1508673-1					
4-Nitrophenol	ND		ug/kg	230	67.
2,4-Dinitrophenol	ND		ug/kg	780	76.
4,6-Dinitro-o-cresol	ND		ug/kg	420	78.
Pentachlorophenol	ND		ug/kg	130	36.
Phenol	ND		ug/kg	160	25.
2-Methylphenol	ND		ug/kg	160	25.
3-Methylphenol/4-Methylphenol	ND		ug/kg	240	26.
2,4,5-Trichlorophenol	ND		ug/kg	160	31.
Benzoic Acid	ND		ug/kg	530	160
Benzyl Alcohol	ND		ug/kg	160	50.
Carbazole	ND		ug/kg	160	16.
1,4-Dioxane	ND		ug/kg	24	7.5

Tentatively Identified Compounds

No Tentatively Identified Compounds ND ug/kg

Surrogate	%Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	118		25-120
Phenol-d6	121	Q	10-120
Nitrobenzene-d5	124	Q	23-120
2-Fluorobiphenyl	114		30-120
2,4,6-Tribromophenol	151	Q	10-136
4-Terphenyl-d14	114		18-120

Lab Control Sample Analysis

Batch Quality Control

Project Name: 38 MAIN ST

Lab Number: L2127789

Project Number: 11846

Report Date: 06/10/21

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-04 Batch: WG1508164-2 WG1508164-3								
Acenaphthene	86		91		31-137	6		50
1,2,4-Trichlorobenzene	72		78		38-107	8		50
Hexachlorobenzene	79		84		40-140	6		50
Bis(2-chloroethyl)ether	76		78		40-140	3		50
2-Chloronaphthalene	78		84		40-140	7		50
1,2-Dichlorobenzene	71		75		40-140	5		50
1,3-Dichlorobenzene	70		75		40-140	7		50
1,4-Dichlorobenzene	72		76		28-104	5		50
3,3'-Dichlorobenzidine	71		70		40-140	1		50
2,4-Dinitrotoluene	93		100		40-132	7		50
2,6-Dinitrotoluene	98		103		40-140	5		50
Fluoranthene	90		95		40-140	5		50
4-Chlorophenyl phenyl ether	84		88		40-140	5		50
4-Bromophenyl phenyl ether	82		89		40-140	8		50
Bis(2-chloroisopropyl)ether	81		86		40-140	6		50
Bis(2-chloroethoxy)methane	74		79		40-117	7		50
Hexachlorobutadiene	68		73		40-140	7		50
Hexachlorocyclopentadiene	80		89		40-140	11		50
Hexachloroethane	73		78		40-140	7		50
Isophorone	70		73		40-140	4		50
Naphthalene	73		80		40-140	9		50
Nitrobenzene	78		81		40-140	4		50
NDPA/DPA	89		94		36-157	5		50

Lab Control Sample Analysis

Batch Quality Control

Project Name: 38 MAIN ST

Lab Number: L2127789

Project Number: 11846

Report Date: 06/10/21

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-04 Batch: WG1508164-2 WG1508164-3								
n-Nitrosodi-n-propylamine	74		76		32-121	3		50
Bis(2-ethylhexyl)phthalate	100		102		40-140	2		50
Butyl benzyl phthalate	108		113		40-140	5		50
Di-n-butylphthalate	94		101		40-140	7		50
Di-n-octylphthalate	104		107		40-140	3		50
Diethyl phthalate	87		92		40-140	6		50
Dimethyl phthalate	82		87		40-140	6		50
Benzo(a)anthracene	86		90		40-140	5		50
Benzo(a)pyrene	88		92		40-140	4		50
Benzo(b)fluoranthene	89		94		40-140	5		50
Benzo(k)fluoranthene	85		90		40-140	6		50
Chrysene	85		88		40-140	3		50
Acenaphthylene	76		80		40-140	5		50
Anthracene	88		93		40-140	6		50
Benzo(ghi)perylene	86		90		40-140	5		50
Fluorene	85		91		40-140	7		50
Phenanthrene	87		92		40-140	6		50
Dibenzo(a,h)anthracene	84		88		40-140	5		50
Indeno(1,2,3-cd)pyrene	86		91		40-140	6		50
Pyrene	89		95		35-142	7		50
Biphenyl	81		86		37-127	6		50
4-Chloroaniline	69		65		40-140	6		50
2-Nitroaniline	100		106		47-134	6		50

Lab Control Sample Analysis

Batch Quality Control

Project Name: 38 MAIN ST

Lab Number: L2127789

Project Number: 11846

Report Date: 06/10/21

Parameter	LCS		LCSD		%Recovery Limits	RPD	Qual	RPD Limits
	%Recovery	Qual	%Recovery	Qual				
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-04 Batch: WG1508164-2 WG1508164-3								
3-Nitroaniline	92		89		26-129	3		50
4-Nitroaniline	101		106		41-125	5		50
Dibenzofuran	83		88		40-140	6		50
2-Methylnaphthalene	77		83		40-140	8		50
1,2,4,5-Tetrachlorobenzene	75		81		40-117	8		50
Acetophenone	74		78		14-144	5		50
2,4,6-Trichlorophenol	86		91		30-130	6		50
p-Chloro-m-cresol	82		89		26-103	8		50
2-Chlorophenol	84		89		25-102	6		50
2,4-Dichlorophenol	84		90		30-130	7		50
2,4-Dimethylphenol	80		83		30-130	4		50
2-Nitrophenol	111		118		30-130	6		50
4-Nitrophenol	94		102		11-114	8		50
2,4-Dinitrophenol	116		131	Q	4-130	12		50
4,6-Dinitro-o-cresol	114		123		10-130	8		50
Pentachlorophenol	80		87		17-109	8		50
Phenol	79		82		26-90	4		50
2-Methylphenol	85		91		30-130.	7		50
3-Methylphenol/4-Methylphenol	86		88		30-130	2		50
2,4,5-Trichlorophenol	91		96		30-130	5		50
Benzoic Acid	57		84		10-110	38		50
Benzyl Alcohol	79		80		40-140	1		50
Carbazole	89		94		54-128	5		50

Lab Control Sample Analysis

Batch Quality Control

Project Name: 38 MAIN ST

Project Number: 11846

Lab Number: L2127789

Report Date: 06/10/21

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-04 Batch: WG1508164-2 WG1508164-3								
1,4-Dioxane	51		52		40-140	2		50

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
2-Fluorophenol	80		83		25-120
Phenol-d6	78		82		10-120
Nitrobenzene-d5	76		80		23-120
2-Fluorobiphenyl	73		78		30-120
2,4,6-Tribromophenol	81		87		10-136
4-Terphenyl-d14	85		90		18-120

Lab Control Sample Analysis

Batch Quality Control

Project Name: 38 MAIN ST

Lab Number: L2127789

Project Number: 11846

Report Date: 06/10/21

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 01 Batch: WG1508673-2 WG1508673-3								
Acenaphthene	80		68		31-137	16		50
1,2,4-Trichlorobenzene	85		68		38-107	22		50
Hexachlorobenzene	84		70		40-140	18		50
Bis(2-chloroethyl)ether	82		65		40-140	23		50
2-Chloronaphthalene	88		73		40-140	19		50
1,2-Dichlorobenzene	76		61		40-140	22		50
1,3-Dichlorobenzene	73		59		40-140	21		50
1,4-Dichlorobenzene	74		60		28-104	21		50
3,3'-Dichlorobenzidine	94		76		40-140	21		50
2,4-Dinitrotoluene	85		72		40-132	17		50
2,6-Dinitrotoluene	105		86		40-140	20		50
Fluoranthene	88		73		40-140	19		50
4-Chlorophenyl phenyl ether	82		69		40-140	17		50
4-Bromophenyl phenyl ether	82		70		40-140	16		50
Bis(2-chloroisopropyl)ether	106		86		40-140	21		50
Bis(2-chloroethoxy)methane	88		72		40-117	20		50
Hexachlorobutadiene	86		71		40-140	19		50
Hexachlorocyclopentadiene	70		57		40-140	20		50
Hexachloroethane	87		69		40-140	23		50
Isophorone	96		78		40-140	21		50
Naphthalene	79		65		40-140	19		50
Nitrobenzene	95		76		40-140	22		50
NDPA/DPA	86		71		36-157	19		50

Lab Control Sample Analysis

Batch Quality Control

Project Name: 38 MAIN ST

Lab Number: L2127789

Project Number: 11846

Report Date: 06/10/21

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 01 Batch: WG1508673-2 WG1508673-3								
n-Nitrosodi-n-propylamine	100		81		32-121	21		50
Bis(2-ethylhexyl)phthalate	102		85		40-140	18		50
Butyl benzyl phthalate	100		81		40-140	21		50
Di-n-butylphthalate	97		82		40-140	17		50
Di-n-octylphthalate	100		83		40-140	19		50
Diethyl phthalate	90		76		40-140	17		50
Dimethyl phthalate	94		78		40-140	19		50
Benzo(a)anthracene	88		74		40-140	17		50
Benzo(a)pyrene	90		74		40-140	20		50
Benzo(b)fluoranthene	92		70		40-140	27		50
Benzo(k)fluoranthene	80		73		40-140	9		50
Chrysene	82		70		40-140	16		50
Acenaphthylene	91		75		40-140	19		50
Anthracene	86		71		40-140	19		50
Benzo(ghi)perylene	89		72		40-140	21		50
Fluorene	83		69		40-140	18		50
Phenanthrene	84		70		40-140	18		50
Dibenzo(a,h)anthracene	86		70		40-140	21		50
Indeno(1,2,3-cd)pyrene	89		72		40-140	21		50
Pyrene	88		72		35-142	20		50
Biphenyl	81		68		37-127	17		50
4-Chloroaniline	99		82		40-140	19		50
2-Nitroaniline	104		84		47-134	21		50

Lab Control Sample Analysis

Batch Quality Control

Project Name: 38 MAIN ST

Project Number: 11846

Lab Number: L2127789

Report Date: 06/10/21

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 01 Batch: WG1508673-2 WG1508673-3								
3-Nitroaniline	90		75		26-129	18		50
4-Nitroaniline	93		78		41-125	18		50
Dibenzofuran	82		70		40-140	16		50
2-Methylnaphthalene	81		67		40-140	19		50
1,2,4,5-Tetrachlorobenzene	84		69		40-117	20		50
Acetophenone	84		68		14-144	21		50
2,4,6-Trichlorophenol	103		84		30-130	20		50
p-Chloro-m-cresol	100		81		26-103	21		50
2-Chlorophenol	88		70		25-102	23		50
2,4-Dichlorophenol	100		80		30-130	22		50
2,4-Dimethylphenol	94		75		30-130	22		50
2-Nitrophenol	101		82		30-130	21		50
4-Nitrophenol	112		97		11-114	14		50
2,4-Dinitrophenol	90		74		4-130	20		50
4,6-Dinitro-o-cresol	99		80		10-130	21		50
Pentachlorophenol	88		71		17-109	21		50
Phenol	85		68		26-90	22		50
2-Methylphenol	93		75		30-130.	21		50
3-Methylphenol/4-Methylphenol	104		85		30-130	20		50
2,4,5-Trichlorophenol	105		86		30-130	20		50
Benzoic Acid	53		37		10-110	36		50
Benzyl Alcohol	97		77		40-140	23		50
Carbazole	89		74		54-128	18		50

Lab Control Sample Analysis

Batch Quality Control

Project Name: 38 MAIN ST

Project Number: 11846

Lab Number: L2127789

Report Date: 06/10/21

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 01 Batch: WG1508673-2 WG1508673-3								
1,4-Dioxane	67		59		40-140	13		50

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
2-Fluorophenol	96		73		25-120
Phenol-d6	97		76		10-120
Nitrobenzene-d5	101		78		23-120
2-Fluorobiphenyl	88		70		30-120
2,4,6-Tribromophenol	110		87		10-136
4-Terphenyl-d14	85		67		18-120

PCBS

Project Name: 38 MAIN ST
Project Number: 11846

Lab Number: L2127789
Report Date: 06/10/21

SAMPLE RESULTS

Lab ID: L2127789-01
 Client ID: SB-1 (1.5-2')
 Sample Location: YONKERS

Date Collected: 05/25/21 10:00
 Date Received: 05/25/21
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil
 Analytical Method: 1,8082A
 Analytical Date: 06/07/21 10:58
 Analyst: JM
 Percent Solids: 95%

Extraction Method: EPA 3546
 Extraction Date: 06/06/21 12:29
 Cleanup Method: EPA 3665A
 Cleanup Date: 06/07/21
 Cleanup Method: EPA 3660B
 Cleanup Date: 06/07/21

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Polychlorinated Biphenyls by GC - Westborough Lab							
Aroclor 1016	ND		ug/kg	34.2	3.04	1	A
Aroclor 1221	ND		ug/kg	34.2	3.42	1	A
Aroclor 1232	ND		ug/kg	34.2	7.25	1	A
Aroclor 1242	ND		ug/kg	34.2	4.61	1	A
Aroclor 1248	ND		ug/kg	34.2	5.13	1	A
Aroclor 1254	ND		ug/kg	34.2	3.74	1	A
Aroclor 1260	ND		ug/kg	34.2	6.32	1	A
Aroclor 1262	ND		ug/kg	34.2	4.34	1	A
Aroclor 1268	ND		ug/kg	34.2	3.54	1	A
PCBs, Total	ND		ug/kg	34.2	3.04	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	72		30-150	A
Decachlorobiphenyl	63		30-150	A
2,4,5,6-Tetrachloro-m-xylene	74		30-150	B
Decachlorobiphenyl	76		30-150	B

Project Name: 38 MAIN ST
Project Number: 11846

Lab Number: L2127789
Report Date: 06/10/21

SAMPLE RESULTS

Lab ID: L2127789-02
 Client ID: SB-1 (6.5-7')
 Sample Location: YONKERS

Date Collected: 05/25/21 10:15
 Date Received: 05/25/21
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil
 Analytical Method: 1,8082A
 Analytical Date: 06/07/21 11:05
 Analyst: JM
 Percent Solids: 96%

Extraction Method: EPA 3546
 Extraction Date: 06/06/21 12:29
 Cleanup Method: EPA 3665A
 Cleanup Date: 06/07/21
 Cleanup Method: EPA 3660B
 Cleanup Date: 06/07/21

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Polychlorinated Biphenyls by GC - Westborough Lab							
Aroclor 1016	ND		ug/kg	34.4	3.05	1	A
Aroclor 1221	ND		ug/kg	34.4	3.44	1	A
Aroclor 1232	ND		ug/kg	34.4	7.29	1	A
Aroclor 1242	ND		ug/kg	34.4	4.64	1	A
Aroclor 1248	ND		ug/kg	34.4	5.16	1	A
Aroclor 1254	ND		ug/kg	34.4	3.76	1	A
Aroclor 1260	ND		ug/kg	34.4	6.35	1	B
Aroclor 1262	ND		ug/kg	34.4	4.37	1	A
Aroclor 1268	ND		ug/kg	34.4	3.56	1	A
PCBs, Total	ND		ug/kg	34.4	3.05	1	B

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	78		30-150	A
Decachlorobiphenyl	66		30-150	A
2,4,5,6-Tetrachloro-m-xylene	85		30-150	B
Decachlorobiphenyl	83		30-150	B

Project Name: 38 MAIN ST
Project Number: 11846

Lab Number: L2127789
Report Date: 06/10/21

SAMPLE RESULTS

Lab ID: L2127789-03
 Client ID: SB-3 (2-2.5')
 Sample Location: YONKERS

Date Collected: 05/25/21 12:00
 Date Received: 05/25/21
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil
 Analytical Method: 1,8082A
 Analytical Date: 06/07/21 11:12
 Analyst: JM
 Percent Solids: 96%

Extraction Method: EPA 3546
 Extraction Date: 06/06/21 12:29
 Cleanup Method: EPA 3665A
 Cleanup Date: 06/07/21
 Cleanup Method: EPA 3660B
 Cleanup Date: 06/07/21

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Polychlorinated Biphenyls by GC - Westborough Lab							
Aroclor 1016	ND		ug/kg	33.6	2.98	1	A
Aroclor 1221	ND		ug/kg	33.6	3.36	1	A
Aroclor 1232	ND		ug/kg	33.6	7.12	1	A
Aroclor 1242	ND		ug/kg	33.6	4.53	1	A
Aroclor 1248	ND		ug/kg	33.6	5.04	1	A
Aroclor 1254	6.06	J	ug/kg	33.6	3.67	1	B
Aroclor 1260	ND		ug/kg	33.6	6.21	1	B
Aroclor 1262	ND		ug/kg	33.6	4.27	1	A
Aroclor 1268	ND		ug/kg	33.6	3.48	1	A
PCBs, Total	6.06	J	ug/kg	33.6	2.98	1	B

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	66		30-150	A
Decachlorobiphenyl	54		30-150	A
2,4,5,6-Tetrachloro-m-xylene	79		30-150	B
Decachlorobiphenyl	74		30-150	B

Project Name: 38 MAIN ST
Project Number: 11846

Lab Number: L2127789
Report Date: 06/10/21

SAMPLE RESULTS

Lab ID: L2127789-04
 Client ID: SB-3 (5.5-6')
 Sample Location: YONKERS

Date Collected: 05/25/21 12:15
 Date Received: 05/25/21
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil
 Analytical Method: 1,8082A
 Analytical Date: 06/07/21 11:19
 Analyst: JM
 Percent Solids: 95%

Extraction Method: EPA 3546
 Extraction Date: 06/06/21 12:29
 Cleanup Method: EPA 3665A
 Cleanup Date: 06/07/21
 Cleanup Method: EPA 3660B
 Cleanup Date: 06/07/21

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Polychlorinated Biphenyls by GC - Westborough Lab							
Aroclor 1016	ND		ug/kg	34.0	3.02	1	A
Aroclor 1221	ND		ug/kg	34.0	3.41	1	A
Aroclor 1232	ND		ug/kg	34.0	7.21	1	A
Aroclor 1242	ND		ug/kg	34.0	4.59	1	A
Aroclor 1248	ND		ug/kg	34.0	5.10	1	A
Aroclor 1254	ND		ug/kg	34.0	3.72	1	A
Aroclor 1260	ND		ug/kg	34.0	6.29	1	A
Aroclor 1262	ND		ug/kg	34.0	4.32	1	A
Aroclor 1268	ND		ug/kg	34.0	3.52	1	A
PCBs, Total	ND		ug/kg	34.0	3.02	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	74		30-150	A
Decachlorobiphenyl	64		30-150	A
2,4,5,6-Tetrachloro-m-xylene	78		30-150	B
Decachlorobiphenyl	84		30-150	B

Project Name: 38 MAIN ST
Project Number: 11846

Lab Number: L2127789
Report Date: 06/10/21

**Method Blank Analysis
Batch Quality Control**

Analytical Method: 1,8082A
Analytical Date: 06/07/21 10:17
Analyst: AWS

Extraction Method: EPA 3546
Extraction Date: 06/06/21 12:29
Cleanup Method: EPA 3665A
Cleanup Date: 06/07/21
Cleanup Method: EPA 3660B
Cleanup Date: 06/07/21

Parameter	Result	Qualifier	Units	RL	MDL	Column
Polychlorinated Biphenyls by GC - Westborough Lab for sample(s): 01-04 Batch: WG1508221-1						
Aroclor 1016	ND		ug/kg	32.1	2.85	A
Aroclor 1221	ND		ug/kg	32.1	3.22	A
Aroclor 1232	ND		ug/kg	32.1	6.80	A
Aroclor 1242	ND		ug/kg	32.1	4.33	A
Aroclor 1248	ND		ug/kg	32.1	4.81	A
Aroclor 1254	ND		ug/kg	32.1	3.51	A
Aroclor 1260	ND		ug/kg	32.1	5.93	A
Aroclor 1262	ND		ug/kg	32.1	4.08	A
Aroclor 1268	ND		ug/kg	32.1	3.32	A
PCBs, Total	ND		ug/kg	32.1	2.85	A

Surrogate	%Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	71		30-150	A
Decachlorobiphenyl	65		30-150	A
2,4,5,6-Tetrachloro-m-xylene	79		30-150	B
Decachlorobiphenyl	80		30-150	B

Lab Control Sample Analysis Batch Quality Control

Project Name: 38 MAIN ST
Project Number: 11846

Lab Number: L2127789
Report Date: 06/10/21

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits	Column
Polychlorinated Biphenyls by GC - Westborough Lab Associated sample(s): 01-04 Batch: WG1508221-2 WG1508221-3									
Aroclor 1016	85		83		40-140	2		50	A
Aroclor 1260	76		75		40-140	1		50	A

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	82		80		30-150	A
Decachlorobiphenyl	69		67		30-150	A
2,4,5,6-Tetrachloro-m-xylene	83		83		30-150	B
Decachlorobiphenyl	80		79		30-150	B



PESTICIDES

Project Name: 38 MAIN ST
Project Number: 11846

Lab Number: L2127789
Report Date: 06/10/21

SAMPLE RESULTS

Lab ID: L2127789-01
 Client ID: SB-1 (1.5-2')
 Sample Location: YONKERS

Date Collected: 05/25/21 10:00
 Date Received: 05/25/21
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil
 Analytical Method: 1,8081B
 Analytical Date: 06/07/21 17:39
 Analyst: SDC
 Percent Solids: 95%

Extraction Method: EPA 3546
 Extraction Date: 06/06/21 15:42
 Cleanup Method: EPA 3620B
 Cleanup Date: 06/07/21

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							
Delta-BHC	ND		ug/kg	1.67	0.328	1	A
Lindane	ND		ug/kg	0.697	0.312	1	A
Alpha-BHC	ND		ug/kg	0.697	0.198	1	A
Beta-BHC	ND		ug/kg	1.67	0.634	1	A
Heptachlor	5.93		ug/kg	0.837	0.375	1	A
Aldrin	ND		ug/kg	1.67	0.589	1	A
Heptachlor epoxide	ND		ug/kg	3.14	0.941	1	A
Endrin	ND		ug/kg	0.697	0.286	1	A
Endrin aldehyde	ND		ug/kg	2.09	0.732	1	A
Endrin ketone	ND		ug/kg	1.67	0.431	1	A
Dieldrin	ND		ug/kg	1.04	0.523	1	A
4,4'-DDE	2.61		ug/kg	1.67	0.387	1	A
4,4'-DDD	ND		ug/kg	1.67	0.597	1	A
4,4'-DDT	ND		ug/kg	3.14	1.34	1	A
Endosulfan I	ND		ug/kg	1.67	0.395	1	A
Endosulfan II	ND		ug/kg	1.67	0.559	1	A
Endosulfan sulfate	ND		ug/kg	0.697	0.332	1	A
Methoxychlor	ND		ug/kg	3.14	0.976	1	A
Toxaphene	ND		ug/kg	31.4	8.78	1	A
cis-Chlordane	91.0	IP	ug/kg	2.09	0.583	1	B
trans-Chlordane	111		ug/kg	2.09	0.552	1	A
Chlordane	756	P	ug/kg	13.9	5.54	1	B

Project Name: 38 MAIN ST
Project Number: 11846

Lab Number: L2127789
Report Date: 06/10/21

SAMPLE RESULTS

Lab ID: L2127789-01
 Client ID: SB-1 (1.5-2')
 Sample Location: YONKERS

Date Collected: 05/25/21 10:00
 Date Received: 05/25/21
 Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	74		30-150	A
Decachlorobiphenyl	73		30-150	A
2,4,5,6-Tetrachloro-m-xylene	77		30-150	B
Decachlorobiphenyl	96		30-150	B

Project Name: 38 MAIN ST
Project Number: 11846

Lab Number: L2127789
Report Date: 06/10/21

SAMPLE RESULTS

Lab ID: L2127789-02
 Client ID: SB-1 (6.5-7')
 Sample Location: YONKERS

Date Collected: 05/25/21 10:15
 Date Received: 05/25/21
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil
 Analytical Method: 1,8081B
 Analytical Date: 06/07/21 17:49
 Analyst: SDC
 Percent Solids: 96%

Extraction Method: EPA 3546
 Extraction Date: 06/06/21 15:42
 Cleanup Method: EPA 3620B
 Cleanup Date: 06/07/21

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							
Delta-BHC	ND		ug/kg	1.64	0.321	1	A
Lindane	ND		ug/kg	0.683	0.305	1	A
Alpha-BHC	ND		ug/kg	0.683	0.194	1	A
Beta-BHC	ND		ug/kg	1.64	0.621	1	A
Heptachlor	ND		ug/kg	0.819	0.367	1	A
Aldrin	ND		ug/kg	1.64	0.577	1	A
Heptachlor epoxide	ND		ug/kg	3.07	0.922	1	A
Endrin	ND		ug/kg	0.683	0.280	1	A
Endrin aldehyde	ND		ug/kg	2.05	0.717	1	A
Endrin ketone	ND		ug/kg	1.64	0.422	1	A
Dieldrin	ND		ug/kg	1.02	0.512	1	A
4,4'-DDE	ND		ug/kg	1.64	0.379	1	A
4,4'-DDD	ND		ug/kg	1.64	0.584	1	A
4,4'-DDT	ND		ug/kg	3.07	1.32	1	A
Endosulfan I	ND		ug/kg	1.64	0.387	1	A
Endosulfan II	ND		ug/kg	1.64	0.548	1	A
Endosulfan sulfate	ND		ug/kg	0.683	0.325	1	A
Methoxychlor	ND		ug/kg	3.07	0.956	1	A
Toxaphene	ND		ug/kg	30.7	8.60	1	A
cis-Chlordane	ND		ug/kg	2.05	0.571	1	A
trans-Chlordane	ND		ug/kg	2.05	0.541	1	A
Chlordane	ND		ug/kg	13.6	5.43	1	A

Project Name: 38 MAIN ST
Project Number: 11846

Lab Number: L2127789
Report Date: 06/10/21

SAMPLE RESULTS

Lab ID: L2127789-02
 Client ID: SB-1 (6.5-7')
 Sample Location: YONKERS

Date Collected: 05/25/21 10:15
 Date Received: 05/25/21
 Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	61		30-150	A
Decachlorobiphenyl	57		30-150	A
2,4,5,6-Tetrachloro-m-xylene	62		30-150	B
Decachlorobiphenyl	61		30-150	B

Project Name: 38 MAIN ST
Project Number: 11846

Lab Number: L2127789
Report Date: 06/10/21

SAMPLE RESULTS

Lab ID: L2127789-03
 Client ID: SB-3 (2-2.5')
 Sample Location: YONKERS

Date Collected: 05/25/21 12:00
 Date Received: 05/25/21
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil
 Analytical Method: 1,8081B
 Analytical Date: 06/07/21 18:00
 Analyst: SDC
 Percent Solids: 96%

Extraction Method: EPA 3546
 Extraction Date: 06/06/21 15:42
 Cleanup Method: EPA 3620B
 Cleanup Date: 06/07/21

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							
Delta-BHC	ND		ug/kg	1.63	0.319	1	A
Lindane	ND		ug/kg	0.678	0.303	1	A
Alpha-BHC	ND		ug/kg	0.678	0.192	1	A
Beta-BHC	ND		ug/kg	1.63	0.617	1	A
Heptachlor	ND		ug/kg	0.813	0.365	1	A
Aldrin	ND		ug/kg	1.63	0.573	1	A
Heptachlor epoxide	ND		ug/kg	3.05	0.915	1	A
Endrin	ND		ug/kg	0.678	0.278	1	A
Endrin aldehyde	ND		ug/kg	2.03	0.712	1	A
Endrin ketone	ND		ug/kg	1.63	0.419	1	A
Dieldrin	ND		ug/kg	1.02	0.508	1	A
4,4'-DDE	1.21	J	ug/kg	1.63	0.376	1	B
4,4'-DDD	ND		ug/kg	1.63	0.580	1	A
4,4'-DDT	2.22	JP	ug/kg	3.05	1.31	1	B
Endosulfan I	ND		ug/kg	1.63	0.384	1	A
Endosulfan II	ND		ug/kg	1.63	0.544	1	A
Endosulfan sulfate	ND		ug/kg	0.678	0.323	1	A
Methoxychlor	ND		ug/kg	3.05	0.949	1	A
Toxaphene	ND		ug/kg	30.5	8.54	1	A
cis-Chlordane	0.916	J	ug/kg	2.03	0.567	1	A
trans-Chlordane	1.26	JIP	ug/kg	2.03	0.537	1	A
Chlordane	ND		ug/kg	13.6	5.39	1	A

Project Name: 38 MAIN ST**Lab Number:** L2127789**Project Number:** 11846**Report Date:** 06/10/21**SAMPLE RESULTS**

Lab ID: L2127789-03

Date Collected: 05/25/21 12:00

Client ID: SB-3 (2-2.5')

Date Received: 05/25/21

Sample Location: YONKERS

Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	76		30-150	A
Decachlorobiphenyl	71		30-150	A
2,4,5,6-Tetrachloro-m-xylene	77		30-150	B
Decachlorobiphenyl	83		30-150	B

Project Name: 38 MAIN ST
Project Number: 11846

Lab Number: L2127789
Report Date: 06/10/21

SAMPLE RESULTS

Lab ID: L2127789-04
 Client ID: SB-3 (5.5-6')
 Sample Location: YONKERS

Date Collected: 05/25/21 12:15
 Date Received: 05/25/21
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil
 Analytical Method: 1,8081B
 Analytical Date: 06/07/21 18:11
 Analyst: SDC
 Percent Solids: 95%

Extraction Method: EPA 3546
 Extraction Date: 06/06/21 15:42
 Cleanup Method: EPA 3620B
 Cleanup Date: 06/07/21

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							
Delta-BHC	ND		ug/kg	1.64	0.322	1	A
Lindane	ND		ug/kg	0.685	0.306	1	A
Alpha-BHC	ND		ug/kg	0.685	0.195	1	A
Beta-BHC	ND		ug/kg	1.64	0.624	1	A
Heptachlor	ND		ug/kg	0.822	0.369	1	A
Aldrin	ND		ug/kg	1.64	0.579	1	A
Heptachlor epoxide	ND		ug/kg	3.08	0.925	1	A
Endrin	ND		ug/kg	0.685	0.281	1	A
Endrin aldehyde	ND		ug/kg	2.06	0.720	1	A
Endrin ketone	ND		ug/kg	1.64	0.424	1	A
Dieldrin	ND		ug/kg	1.03	0.514	1	A
4,4'-DDE	4.31		ug/kg	1.64	0.380	1	A
4,4'-DDD	ND		ug/kg	1.64	0.587	1	A
4,4'-DDT	ND		ug/kg	3.08	1.32	1	A
Endosulfan I	ND		ug/kg	1.64	0.389	1	A
Endosulfan II	ND		ug/kg	1.64	0.550	1	A
Endosulfan sulfate	ND		ug/kg	0.685	0.326	1	A
Methoxychlor	ND		ug/kg	3.08	0.960	1	A
Toxaphene	ND		ug/kg	30.8	8.64	1	A
cis-Chlordane	3.82	IP	ug/kg	2.06	0.573	1	A
trans-Chlordane	3.83	IP	ug/kg	2.06	0.543	1	A
Chlordane	ND		ug/kg	13.7	5.45	1	A

Project Name: 38 MAIN ST
Project Number: 11846

Lab Number: L2127789
Report Date: 06/10/21

SAMPLE RESULTS

Lab ID: L2127789-04
 Client ID: SB-3 (5.5-6')
 Sample Location: YONKERS

Date Collected: 05/25/21 12:15
 Date Received: 05/25/21
 Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	56		30-150	A
Decachlorobiphenyl	64		30-150	A
2,4,5,6-Tetrachloro-m-xylene	63		30-150	B
Decachlorobiphenyl	419	Q	30-150	B

Project Name: 38 MAIN ST
Project Number: 11846

Lab Number: L2127789
Report Date: 06/10/21

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8081B
Analytical Date: 06/07/21 16:44
Analyst: SDC

Extraction Method: EPA 3546
Extraction Date: 06/06/21 15:42
Cleanup Method: EPA 3620B
Cleanup Date: 06/07/21

Parameter	Result	Qualifier	Units	RL	MDL	Column
Organochlorine Pesticides by GC - Westborough Lab for sample(s): 01-04 Batch: WG1508274-1						
Delta-BHC	ND		ug/kg	1.55	0.303	A
Lindane	ND		ug/kg	0.644	0.288	A
Alpha-BHC	ND		ug/kg	0.644	0.183	A
Beta-BHC	ND		ug/kg	1.55	0.586	A
Heptachlor	ND		ug/kg	0.773	0.347	A
Aldrin	ND		ug/kg	1.55	0.544	A
Heptachlor epoxide	ND		ug/kg	2.90	0.870	A
Endrin	ND		ug/kg	0.644	0.264	A
Endrin aldehyde	ND		ug/kg	1.93	0.676	A
Endrin ketone	ND		ug/kg	1.55	0.398	A
Dieldrin	ND		ug/kg	0.966	0.483	A
4,4'-DDE	ND		ug/kg	1.55	0.358	A
4,4'-DDD	ND		ug/kg	1.55	0.552	A
4,4'-DDT	ND		ug/kg	2.90	1.24	A
Endosulfan I	ND		ug/kg	1.55	0.365	A
Endosulfan II	ND		ug/kg	1.55	0.517	A
Endosulfan sulfate	ND		ug/kg	0.644	0.307	A
Methoxychlor	ND		ug/kg	2.90	0.902	A
Toxaphene	ND		ug/kg	29.0	8.12	A
cis-Chlordane	ND		ug/kg	1.93	0.539	A
trans-Chlordane	ND		ug/kg	1.93	0.510	A
Chlordane	ND		ug/kg	12.9	5.12	A

Project Name: 38 MAIN ST
Project Number: 11846

Lab Number: L2127789
Report Date: 06/10/21

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8081B
Analytical Date: 06/07/21 16:44
Analyst: SDC

Extraction Method: EPA 3546
Extraction Date: 06/06/21 15:42
Cleanup Method: EPA 3620B
Cleanup Date: 06/07/21

Parameter	Result	Qualifier	Units	RL	MDL	Column
Organochlorine Pesticides by GC - Westborough Lab for sample(s): 01-04 Batch: WG1508274-1						

Surrogate	%Recovery	Qualifier	Acceptance	
			Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	64		30-150	A
Decachlorobiphenyl	61		30-150	A
2,4,5,6-Tetrachloro-m-xylene	68		30-150	B
Decachlorobiphenyl	65		30-150	B

Lab Control Sample Analysis

Batch Quality Control

Project Name: 38 MAIN ST

Project Number: 11846

Lab Number: L2127789

Report Date: 06/10/21

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits	Column
Organochlorine Pesticides by GC - Westborough Lab Associated sample(s): 01-04 Batch: WG1508274-2 WG1508274-3									
Delta-BHC	70		68		30-150	3		30	A
Lindane	69		67		30-150	3		30	A
Alpha-BHC	73		72		30-150	1		30	A
Beta-BHC	73		68		30-150	7		30	A
Heptachlor	64		63		30-150	2		30	A
Aldrin	63		63		30-150	0		30	A
Heptachlor epoxide	58		60		30-150	3		30	A
Endrin	66		63		30-150	5		30	A
Endrin aldehyde	59		58		30-150	2		30	A
Endrin ketone	64		61		30-150	5		30	A
Dieldrin	68		66		30-150	3		30	A
4,4'-DDE	67		62		30-150	8		30	A
4,4'-DDD	70		68		30-150	3		30	A
4,4'-DDT	69		66		30-150	4		30	A
Endosulfan I	64		61		30-150	5		30	A
Endosulfan II	67		64		30-150	5		30	A
Endosulfan sulfate	53		54		30-150	2		30	A
Methoxychlor	63		62		30-150	2		30	A
cis-Chlordane	64		62		30-150	3		30	A
trans-Chlordane	66		65		30-150	2		30	A

Lab Control Sample Analysis

Batch Quality Control

Project Name: 38 MAIN ST

Project Number: 11846

Lab Number: L2127789

Report Date: 06/10/21

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Organochlorine Pesticides by GC - Westborough Lab Associated sample(s): 01-04 Batch: WG1508274-2 WG1508274-3								

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	68		64		30-150	A
Decachlorobiphenyl	65		61		30-150	A
2,4,5,6-Tetrachloro-m-xylene	72		66		30-150	B
Decachlorobiphenyl	70		67		30-150	B

METALS

Project Name: 38 MAIN ST

Lab Number: L2127789

Project Number: 11846

Report Date: 06/10/21

SAMPLE RESULTS

Lab ID: L2127789-01

Date Collected: 05/25/21 10:00

Client ID: SB-1 (1.5-2')

Date Received: 05/25/21

Sample Location: YONKERS

Field Prep: Not Specified

Sample Depth:

Matrix: Soil

Percent Solids: 95%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Aluminum, Total	4790		mg/kg	8.14	2.20	2	06/03/21 09:20	06/08/21 23:37	EPA 3050B	1,6010D	BV
Antimony, Total	ND		mg/kg	4.07	0.309	2	06/03/21 09:20	06/08/21 23:37	EPA 3050B	1,6010D	BV
Arsenic, Total	3.18		mg/kg	0.814	0.169	2	06/03/21 09:20	06/08/21 23:37	EPA 3050B	1,6010D	BV
Barium, Total	67.9		mg/kg	0.814	0.142	2	06/03/21 09:20	06/08/21 23:37	EPA 3050B	1,6010D	BV
Beryllium, Total	0.277	J	mg/kg	0.407	0.027	2	06/03/21 09:20	06/08/21 23:37	EPA 3050B	1,6010D	BV
Cadmium, Total	0.236	J	mg/kg	0.814	0.080	2	06/03/21 09:20	06/08/21 23:37	EPA 3050B	1,6010D	BV
Calcium, Total	9600		mg/kg	8.14	2.85	2	06/03/21 09:20	06/08/21 23:37	EPA 3050B	1,6010D	BV
Chromium, Total	12.4		mg/kg	0.814	0.078	2	06/03/21 09:20	06/08/21 23:37	EPA 3050B	1,6010D	BV
Cobalt, Total	5.35		mg/kg	1.63	0.135	2	06/03/21 09:20	06/08/21 23:37	EPA 3050B	1,6010D	BV
Copper, Total	32.4		mg/kg	0.814	0.210	2	06/03/21 09:20	06/08/21 23:37	EPA 3050B	1,6010D	BV
Iron, Total	9020		mg/kg	4.07	0.735	2	06/03/21 09:20	06/08/21 23:37	EPA 3050B	1,6010D	BV
Lead, Total	80.0		mg/kg	4.07	0.218	2	06/03/21 09:20	06/08/21 23:37	EPA 3050B	1,6010D	BV
Magnesium, Total	5610		mg/kg	8.14	1.25	2	06/03/21 09:20	06/08/21 23:37	EPA 3050B	1,6010D	BV
Manganese, Total	219		mg/kg	0.814	0.129	2	06/03/21 09:20	06/08/21 23:37	EPA 3050B	1,6010D	BV
Mercury, Total	0.937		mg/kg	0.066	0.043	1	06/03/21 10:20	06/06/21 17:43	EPA 7471B	1,7471B	OU
Nickel, Total	14.1		mg/kg	2.03	0.197	2	06/03/21 09:20	06/08/21 23:37	EPA 3050B	1,6010D	BV
Potassium, Total	1380		mg/kg	203	11.7	2	06/03/21 09:20	06/08/21 23:37	EPA 3050B	1,6010D	BV
Selenium, Total	ND		mg/kg	1.63	0.210	2	06/03/21 09:20	06/08/21 23:37	EPA 3050B	1,6010D	BV
Silver, Total	ND		mg/kg	0.814	0.230	2	06/03/21 09:20	06/08/21 23:37	EPA 3050B	1,6010D	BV
Sodium, Total	279		mg/kg	163	2.56	2	06/03/21 09:20	06/08/21 23:37	EPA 3050B	1,6010D	BV
Thallium, Total	ND		mg/kg	1.63	0.256	2	06/03/21 09:20	06/08/21 23:37	EPA 3050B	1,6010D	BV
Vanadium, Total	18.6		mg/kg	0.814	0.165	2	06/03/21 09:20	06/08/21 23:37	EPA 3050B	1,6010D	BV
Zinc, Total	188		mg/kg	4.07	0.238	2	06/03/21 09:20	06/08/21 23:37	EPA 3050B	1,6010D	BV



Project Name: 38 MAIN ST

Lab Number: L2127789

Project Number: 11846

Report Date: 06/10/21

SAMPLE RESULTS

Lab ID: L2127789-02

Date Collected: 05/25/21 10:15

Client ID: SB-1 (6.5-7')

Date Received: 05/25/21

Sample Location: YONKERS

Field Prep: Not Specified

Sample Depth:

Matrix: Soil

Percent Solids: 96%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Aluminum, Total	2130		mg/kg	8.05	2.17	2	06/03/21 09:20	06/08/21 23:41	EPA 3050B	1,6010D	BV
Antimony, Total	ND		mg/kg	4.02	0.306	2	06/03/21 09:20	06/08/21 23:41	EPA 3050B	1,6010D	BV
Arsenic, Total	0.780	J	mg/kg	0.805	0.167	2	06/03/21 09:20	06/08/21 23:41	EPA 3050B	1,6010D	BV
Barium, Total	19.0		mg/kg	0.805	0.140	2	06/03/21 09:20	06/08/21 23:41	EPA 3050B	1,6010D	BV
Beryllium, Total	0.282	J	mg/kg	0.402	0.027	2	06/03/21 09:20	06/08/21 23:41	EPA 3050B	1,6010D	BV
Cadmium, Total	0.129	J	mg/kg	0.805	0.079	2	06/03/21 09:20	06/08/21 23:41	EPA 3050B	1,6010D	BV
Calcium, Total	1300		mg/kg	8.05	2.82	2	06/03/21 09:20	06/08/21 23:41	EPA 3050B	1,6010D	BV
Chromium, Total	5.71		mg/kg	0.820	0.079	2	06/09/21 22:55	06/10/21 10:37	EPA 3050B	1,6010D	GD
Cobalt, Total	2.32		mg/kg	1.61	0.134	2	06/03/21 09:20	06/08/21 23:41	EPA 3050B	1,6010D	BV
Copper, Total	3.81		mg/kg	0.805	0.208	2	06/03/21 09:20	06/08/21 23:41	EPA 3050B	1,6010D	BV
Iron, Total	5940		mg/kg	4.02	0.726	2	06/03/21 09:20	06/08/21 23:41	EPA 3050B	1,6010D	BV
Lead, Total	4.11		mg/kg	4.02	0.216	2	06/03/21 09:20	06/08/21 23:41	EPA 3050B	1,6010D	BV
Magnesium, Total	1710		mg/kg	8.05	1.24	2	06/03/21 09:20	06/08/21 23:41	EPA 3050B	1,6010D	BV
Manganese, Total	279		mg/kg	0.805	0.128	2	06/03/21 09:20	06/08/21 23:41	EPA 3050B	1,6010D	BV
Mercury, Total	ND		mg/kg	0.066	0.043	1	06/03/21 10:20	06/06/21 17:46	EPA 7471B	1,7471B	OU
Nickel, Total	5.22		mg/kg	2.01	0.195	2	06/03/21 09:20	06/08/21 23:41	EPA 3050B	1,6010D	BV
Potassium, Total	810		mg/kg	201	11.6	2	06/03/21 09:20	06/08/21 23:41	EPA 3050B	1,6010D	BV
Selenium, Total	0.225	J	mg/kg	1.61	0.208	2	06/03/21 09:20	06/08/21 23:41	EPA 3050B	1,6010D	BV
Silver, Total	ND		mg/kg	0.805	0.228	2	06/03/21 09:20	06/08/21 23:41	EPA 3050B	1,6010D	BV
Sodium, Total	50.3	J	mg/kg	161	2.53	2	06/03/21 09:20	06/08/21 23:41	EPA 3050B	1,6010D	BV
Thallium, Total	ND		mg/kg	1.61	0.253	2	06/03/21 09:20	06/08/21 23:41	EPA 3050B	1,6010D	BV
Vanadium, Total	7.68		mg/kg	0.805	0.163	2	06/03/21 09:20	06/08/21 23:41	EPA 3050B	1,6010D	BV
Zinc, Total	9.42		mg/kg	4.02	0.236	2	06/03/21 09:20	06/08/21 23:41	EPA 3050B	1,6010D	BV



Project Name: 38 MAIN ST

Lab Number: L2127789

Project Number: 11846

Report Date: 06/10/21

SAMPLE RESULTS

Lab ID: L2127789-03

Date Collected: 05/25/21 12:00

Client ID: SB-3 (2-2.5')

Date Received: 05/25/21

Sample Location: YONKERS

Field Prep: Not Specified

Sample Depth:

Matrix: Soil

Percent Solids: 96%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Aluminum, Total	6800		mg/kg	7.96	2.15	2	06/03/21 09:20	06/08/21 23:46	EPA 3050B	1,6010D	BV
Antimony, Total	ND		mg/kg	3.98	0.302	2	06/03/21 09:20	06/08/21 23:46	EPA 3050B	1,6010D	BV
Arsenic, Total	2.06		mg/kg	0.796	0.166	2	06/03/21 09:20	06/08/21 23:46	EPA 3050B	1,6010D	BV
Barium, Total	53.2		mg/kg	0.796	0.138	2	06/03/21 09:20	06/08/21 23:46	EPA 3050B	1,6010D	BV
Beryllium, Total	0.223	J	mg/kg	0.398	0.026	2	06/03/21 09:20	06/08/21 23:46	EPA 3050B	1,6010D	BV
Cadmium, Total	0.358	J	mg/kg	0.796	0.078	2	06/03/21 09:20	06/08/21 23:46	EPA 3050B	1,6010D	BV
Calcium, Total	7230		mg/kg	7.96	2.79	2	06/03/21 09:20	06/08/21 23:46	EPA 3050B	1,6010D	BV
Chromium, Total	19.9		mg/kg	0.796	0.076	2	06/03/21 09:20	06/08/21 23:46	EPA 3050B	1,6010D	BV
Cobalt, Total	7.73		mg/kg	1.59	0.132	2	06/03/21 09:20	06/08/21 23:46	EPA 3050B	1,6010D	BV
Copper, Total	30.3		mg/kg	0.796	0.205	2	06/03/21 09:20	06/08/21 23:46	EPA 3050B	1,6010D	BV
Iron, Total	14100		mg/kg	3.98	0.719	2	06/03/21 09:20	06/08/21 23:46	EPA 3050B	1,6010D	BV
Lead, Total	25.3		mg/kg	3.98	0.213	2	06/03/21 09:20	06/08/21 23:46	EPA 3050B	1,6010D	BV
Magnesium, Total	5320		mg/kg	7.96	1.22	2	06/03/21 09:20	06/08/21 23:46	EPA 3050B	1,6010D	BV
Manganese, Total	264		mg/kg	0.796	0.126	2	06/03/21 09:20	06/08/21 23:46	EPA 3050B	1,6010D	BV
Mercury, Total	ND		mg/kg	0.066	0.043	1	06/03/21 10:20	06/06/21 17:56	EPA 7471B	1,7471B	OU
Nickel, Total	21.0		mg/kg	1.99	0.193	2	06/03/21 09:20	06/08/21 23:46	EPA 3050B	1,6010D	BV
Potassium, Total	1470		mg/kg	199	11.5	2	06/03/21 09:20	06/08/21 23:46	EPA 3050B	1,6010D	BV
Selenium, Total	ND		mg/kg	1.59	0.205	2	06/03/21 09:20	06/08/21 23:46	EPA 3050B	1,6010D	BV
Silver, Total	ND		mg/kg	0.796	0.225	2	06/03/21 09:20	06/08/21 23:46	EPA 3050B	1,6010D	BV
Sodium, Total	192		mg/kg	159	2.51	2	06/03/21 09:20	06/08/21 23:46	EPA 3050B	1,6010D	BV
Thallium, Total	ND		mg/kg	1.59	0.251	2	06/03/21 09:20	06/08/21 23:46	EPA 3050B	1,6010D	BV
Vanadium, Total	30.8		mg/kg	0.796	0.162	2	06/03/21 09:20	06/08/21 23:46	EPA 3050B	1,6010D	BV
Zinc, Total	41.2		mg/kg	3.98	0.233	2	06/03/21 09:20	06/08/21 23:46	EPA 3050B	1,6010D	BV



Project Name: 38 MAIN ST

Lab Number: L2127789

Project Number: 11846

Report Date: 06/10/21

SAMPLE RESULTS

Lab ID: L2127789-04

Date Collected: 05/25/21 12:15

Client ID: SB-3 (5.5-6')

Date Received: 05/25/21

Sample Location: YONKERS

Field Prep: Not Specified

Sample Depth:

Matrix: Soil

Percent Solids: 95%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Aluminum, Total	6530		mg/kg	8.03	2.17	2	06/03/21 09:20	06/09/21 00:04	EPA 3050B	1,6010D	BV
Antimony, Total	ND		mg/kg	4.01	0.305	2	06/03/21 09:20	06/09/21 00:04	EPA 3050B	1,6010D	BV
Arsenic, Total	3.83		mg/kg	0.803	0.167	2	06/03/21 09:20	06/09/21 00:04	EPA 3050B	1,6010D	BV
Barium, Total	108		mg/kg	0.803	0.140	2	06/03/21 09:20	06/09/21 00:04	EPA 3050B	1,6010D	BV
Beryllium, Total	0.273	J	mg/kg	0.401	0.027	2	06/03/21 09:20	06/09/21 00:04	EPA 3050B	1,6010D	BV
Cadmium, Total	0.602	J	mg/kg	0.803	0.079	2	06/03/21 09:20	06/09/21 00:04	EPA 3050B	1,6010D	BV
Calcium, Total	22900		mg/kg	8.03	2.81	2	06/03/21 09:20	06/09/21 00:04	EPA 3050B	1,6010D	BV
Chromium, Total	14.4		mg/kg	0.803	0.077	2	06/03/21 09:20	06/09/21 00:04	EPA 3050B	1,6010D	BV
Cobalt, Total	5.77		mg/kg	1.60	0.133	2	06/03/21 09:20	06/09/21 00:04	EPA 3050B	1,6010D	BV
Copper, Total	28.3		mg/kg	0.803	0.207	2	06/03/21 09:20	06/09/21 00:04	EPA 3050B	1,6010D	BV
Iron, Total	12400		mg/kg	4.01	0.725	2	06/03/21 09:20	06/09/21 00:04	EPA 3050B	1,6010D	BV
Lead, Total	213		mg/kg	4.01	0.215	2	06/03/21 09:20	06/09/21 00:04	EPA 3050B	1,6010D	BV
Magnesium, Total	11400		mg/kg	8.03	1.24	2	06/03/21 09:20	06/09/21 00:04	EPA 3050B	1,6010D	BV
Manganese, Total	276		mg/kg	0.803	0.128	2	06/03/21 09:20	06/09/21 00:04	EPA 3050B	1,6010D	BV
Mercury, Total	0.258		mg/kg	0.067	0.044	1	06/03/21 10:20	06/06/21 17:59	EPA 7471B	1,7471B	OU
Nickel, Total	13.8		mg/kg	2.01	0.194	2	06/03/21 09:20	06/09/21 00:04	EPA 3050B	1,6010D	BV
Potassium, Total	1110		mg/kg	201	11.6	2	06/03/21 09:20	06/09/21 00:04	EPA 3050B	1,6010D	BV
Selenium, Total	0.377	J	mg/kg	1.60	0.207	2	06/03/21 09:20	06/09/21 00:04	EPA 3050B	1,6010D	BV
Silver, Total	ND		mg/kg	0.803	0.227	2	06/03/21 09:20	06/09/21 00:04	EPA 3050B	1,6010D	BV
Sodium, Total	177		mg/kg	160	2.53	2	06/03/21 09:20	06/09/21 00:04	EPA 3050B	1,6010D	BV
Thallium, Total	ND		mg/kg	1.60	0.253	2	06/03/21 09:20	06/09/21 00:04	EPA 3050B	1,6010D	BV
Vanadium, Total	25.0		mg/kg	0.803	0.163	2	06/03/21 09:20	06/09/21 00:04	EPA 3050B	1,6010D	BV
Zinc, Total	132		mg/kg	4.01	0.235	2	06/03/21 09:20	06/09/21 00:04	EPA 3050B	1,6010D	BV



Project Name: 38 MAIN ST
Project Number: 11846

Lab Number: L2127789
Report Date: 06/10/21

Method Blank Analysis Batch Quality Control

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
Total Metals - Mansfield Lab for sample(s): 01-04 Batch: WG1506670-1										
Aluminum, Total	ND		mg/kg	4.00	1.08	1	06/03/21 09:20	06/08/21 21:17	1,6010D	BV
Antimony, Total	ND		mg/kg	2.00	0.152	1	06/03/21 09:20	06/08/21 21:17	1,6010D	BV
Arsenic, Total	ND		mg/kg	0.400	0.083	1	06/03/21 09:20	06/08/21 21:17	1,6010D	BV
Barium, Total	ND		mg/kg	0.400	0.070	1	06/03/21 09:20	06/08/21 21:17	1,6010D	BV
Beryllium, Total	ND		mg/kg	0.200	0.013	1	06/03/21 09:20	06/08/21 21:17	1,6010D	BV
Cadmium, Total	ND		mg/kg	0.400	0.039	1	06/03/21 09:20	06/08/21 21:17	1,6010D	BV
Calcium, Total	1.48	J	mg/kg	4.00	1.40	1	06/03/21 09:20	06/08/21 21:17	1,6010D	BV
Chromium, Total	1.02		mg/kg	0.400	0.038	1	06/03/21 09:20	06/08/21 21:17	1,6010D	BV
Cobalt, Total	ND		mg/kg	0.800	0.066	1	06/03/21 09:20	06/08/21 21:17	1,6010D	BV
Copper, Total	ND		mg/kg	0.400	0.103	1	06/03/21 09:20	06/08/21 21:17	1,6010D	BV
Iron, Total	4.85		mg/kg	2.00	0.361	1	06/03/21 09:20	06/08/21 21:17	1,6010D	BV
Lead, Total	ND		mg/kg	2.00	0.107	1	06/03/21 09:20	06/08/21 21:17	1,6010D	BV
Magnesium, Total	ND		mg/kg	4.00	0.616	1	06/03/21 09:20	06/08/21 21:17	1,6010D	BV
Manganese, Total	0.336	J	mg/kg	0.400	0.064	1	06/03/21 09:20	06/08/21 21:17	1,6010D	BV
Nickel, Total	0.380	J	mg/kg	1.00	0.097	1	06/03/21 09:20	06/08/21 21:17	1,6010D	BV
Potassium, Total	ND		mg/kg	100	5.76	1	06/03/21 09:20	06/08/21 21:17	1,6010D	BV
Selenium, Total	ND		mg/kg	0.800	0.103	1	06/03/21 09:20	06/08/21 21:17	1,6010D	BV
Silver, Total	ND		mg/kg	0.400	0.113	1	06/03/21 09:20	06/08/21 21:17	1,6010D	BV
Sodium, Total	ND		mg/kg	80.0	1.26	1	06/03/21 09:20	06/08/21 21:17	1,6010D	BV
Thallium, Total	ND		mg/kg	0.800	0.126	1	06/03/21 09:20	06/08/21 21:17	1,6010D	BV
Vanadium, Total	ND		mg/kg	0.400	0.081	1	06/03/21 09:20	06/08/21 21:17	1,6010D	BV
Zinc, Total	ND		mg/kg	2.00	0.117	1	06/03/21 09:20	06/08/21 21:17	1,6010D	BV

Prep Information

Digestion Method: EPA 3050B

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
Total Metals - Mansfield Lab for sample(s): 01-04 Batch: WG1506677-1										
Mercury, Total	ND		mg/kg	0.083	0.054	1	06/03/21 10:20	06/06/21 16:20	1,7471B	OU



Project Name: 38 MAIN ST

Lab Number: L2127789

Project Number: 11846

Report Date: 06/10/21

Method Blank Analysis Batch Quality Control

Prep Information

Digestion Method: EPA 7471B

Parameter	Result Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
Total Metals - Mansfield Lab for sample(s): 02 Batch: WG1509989-1									
Chromium, Total	ND	mg/kg	0.400	0.038	1	06/09/21 22:55	06/10/21 10:19	1,6010D	GD

Prep Information

Digestion Method: EPA 3050B



Lab Control Sample Analysis

Batch Quality Control

Project Name: 38 MAIN ST
Project Number: 11846

Lab Number: L2127789
Report Date: 06/10/21

Parameter	LCS		LCSD		%Recovery Limits	RPD	Qual	RPD Limits
	%Recovery	Qual	%Recovery	Qual				
Total Metals - Mansfield Lab Associated sample(s): 01-04 Batch: WG1506670-2 SRM Lot Number: D109-540								
Aluminum, Total	60		-		50-150	-		
Antimony, Total	122		-		19-250	-		
Arsenic, Total	90		-		70-130	-		
Barium, Total	83		-		75-125	-		
Beryllium, Total	98		-		75-125	-		
Cadmium, Total	101		-		75-125	-		
Calcium, Total	87		-		73-128	-		
Chromium, Total	93		-		70-130	-		
Cobalt, Total	100		-		75-125	-		
Copper, Total	85		-		75-125	-		
Iron, Total	75		-		35-165	-		
Lead, Total	84		-		72-128	-		
Magnesium, Total	82		-		62-138	-		
Manganese, Total	89		-		74-126	-		
Nickel, Total	100		-		70-130	-		
Potassium, Total	78		-		59-141	-		
Selenium, Total	94		-		68-132	-		
Silver, Total	83		-		68-131	-		
Sodium, Total	75		-		35-165	-		
Thallium, Total	91		-		68-131	-		
Vanadium, Total	84		-		59-141	-		



Lab Control Sample Analysis

Batch Quality Control

Project Name: 38 MAIN ST

Project Number: 11846

Lab Number: L2127789

Report Date: 06/10/21

Parameter	LCS %Recovery	LCSD %Recovery	%Recovery Limits	RPD	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01-04 Batch: WG1506670-2 SRM Lot Number: D109-540					
Zinc, Total	90	-	70-130	-	
Total Metals - Mansfield Lab Associated sample(s): 01-04 Batch: WG1506677-2 SRM Lot Number: D109-540					
Mercury, Total	96	-	60-140	-	
Total Metals - Mansfield Lab Associated sample(s): 02 Batch: WG1509989-2 SRM Lot Number: D109-540					
Chromium, Total	94	-	70-130	-	

Matrix Spike Analysis Batch Quality Control

Project Name: 38 MAIN ST
Project Number: 11846

Lab Number: L2127789
Report Date: 06/10/21

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	Qual	MSD Found	MSD %Recovery	Qual	Recovery Limits	RPD	Qual	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01-04 QC Batch ID: WG1506670-3 WG1506670-4 QC Sample: L2127633-04 Client ID: MS Sample												
Aluminum, Total	11000	175	11500	286	Q	11700	383	Q	75-125	2		20
Antimony, Total	ND	43.8	21.8	50	Q	20.6	45	Q	75-125	6		20
Arsenic, Total	4.40	10.5	14.2	93		14.0	88		75-125	1		20
Barium, Total	102	175	247	83		259	86		75-125	5		20
Beryllium, Total	0.649	4.38	4.48	88		4.46	83		75-125	0		20
Cadmium, Total	0.585J	4.46	4.35	97		4.29	92		75-125	1		20
Calcium, Total	26600	875	33800	822	Q	29000	263	Q	75-125	15		20
Chromium, Total	16.4	17.5	36.3	114		34.0	96		75-125	7		20
Cobalt, Total	8.05	43.8	44.2	83		43.4	77		75-125	2		20
Copper, Total	15.0	21.9	35.1	92		34.8	87		75-125	1		20
Iron, Total	19900	87.5	20500	685	Q	19900	0	Q	75-125	3		20
Lead, Total	17.0	44.6	52.8	80		51.3	74	Q	75-125	3		20
Magnesium, Total	8590	875	10100	172	Q	10400	198	Q	75-125	3		20
Manganese, Total	478	43.8	600	279	Q	490	26	Q	75-125	20		20
Nickel, Total	18.5	43.8	53.6	80		53.6	77		75-125	0		20
Potassium, Total	928	875	1830	103		1880	104		75-125	3		20
Selenium, Total	0.759J	10.5	9.26	88		8.79	80		75-125	5		20
Silver, Total	ND	26.2	4.04	15	Q	4.01	15	Q	75-125	1		20
Sodium, Total	145J	875	944	108		942	103		75-125	0		20
Thallium, Total	ND	10.5	7.46	71	Q	7.40	68	Q	75-125	1		20
Vanadium, Total	23.0	43.8	62.3	90		60.8	83		75-125	2		20

Matrix Spike Analysis Batch Quality Control

Project Name: 38 MAIN ST
Project Number: 11846

Lab Number: L2127789
Report Date: 06/10/21

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	MSD Found	MSD %Recovery	Recovery Limits	RPD	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01-04 QC Batch ID: WG1506670-3 WG1506670-4 QC Sample: L2127633-04 Client ID: MS Sample									
Zinc, Total	69.2	43.8	109	91	111	92	75-125	2	20
Total Metals - Mansfield Lab Associated sample(s): 01-04 QC Batch ID: WG1506677-3 WG1506677-4 QC Sample: L2127633-04 Client ID: MS Sample									
Mercury, Total	ND	0.146	0.188	128	Q 0.199	136	Q 80-120	6	20
Total Metals - Mansfield Lab Associated sample(s): 02 QC Batch ID: WG1509989-3 QC Sample: L2127741-09 Client ID: MS Sample									
Chromium, Total	16.3	18.3	29.9	74	Q -	-	75-125	-	20

Lab Duplicate Analysis

Batch Quality Control

Project Name: 38 MAIN ST

Project Number: 11846

Lab Number: L2127789

Report Date: 06/10/21

Parameter	Native Sample	Duplicate Sample	Units	RPD	Qual	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 02 QC Batch ID: WG1509989-4 QC Sample: L2127741-09 Client ID: DUP Sample						
Chromium, Total	16.3	16.0	mg/kg	2		20

INORGANICS & MISCELLANEOUS

Project Name: 38 MAIN ST

Project Number: 11846

Lab Number: L2127789

Report Date: 06/10/21

SAMPLE RESULTS

Lab ID: L2127789-01

Client ID: SB-1 (1.5-2')

Sample Location: YONKERS

Date Collected: 05/25/21 10:00

Date Received: 05/25/21

Field Prep: Not Specified

Sample Depth:

Matrix: Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	95.1		%	0.100	NA	1	-	05/27/21 09:35	121,2540G	RI
Cyanide, Total	ND		mg/kg	0.98	0.21	1	06/03/21 20:20	06/04/21 10:30	1,9010C/9012B	CR



Project Name: 38 MAIN ST

Project Number: 11846

Lab Number: L2127789

Report Date: 06/10/21

SAMPLE RESULTS

Lab ID: L2127789-02

Client ID: SB-1 (6.5-7')

Sample Location: YONKERS

Date Collected: 05/25/21 10:15

Date Received: 05/25/21

Field Prep: Not Specified

Sample Depth:

Matrix: Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	95.6		%	0.100	NA	1	-	05/27/21 09:35	121,2540G	RI
Cyanide, Total	ND		mg/kg	0.96	0.20	1	06/03/21 20:20	06/04/21 10:31	1,9010C/9012B	CR



Project Name: 38 MAIN ST

Project Number: 11846

Lab Number: L2127789

Report Date: 06/10/21

SAMPLE RESULTS

Lab ID: L2127789-03

Client ID: SB-3 (2-2.5')

Sample Location: YONKERS

Date Collected: 05/25/21 12:00

Date Received: 05/25/21

Field Prep: Not Specified

Sample Depth:

Matrix: Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	95.6		%	0.100	NA	1	-	05/27/21 09:35	121,2540G	RI
Cyanide, Total	ND		mg/kg	0.98	0.21	1	06/03/21 20:20	06/04/21 10:32	1,9010C/9012B	CR



Project Name: 38 MAIN ST

Project Number: 11846

Lab Number: L2127789

Report Date: 06/10/21

SAMPLE RESULTS

Lab ID: L2127789-04

Client ID: SB-3 (5.5-6')

Sample Location: YONKERS

Date Collected: 05/25/21 12:15

Date Received: 05/25/21

Field Prep: Not Specified

Sample Depth:

Matrix: Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	95.1		%	0.100	NA	1	-	05/27/21 09:35	121,2540G	RI
Cyanide, Total	ND		mg/kg	0.96	0.20	1	06/03/21 20:20	06/04/21 10:33	1,9010C/9012B	CR



Project Name: 38 MAIN ST

Lab Number: L2127789

Project Number: 11846

Report Date: 06/10/21

Method Blank Analysis
Batch Quality Control

Parameter	Result Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab for sample(s): 01-04 Batch: WG1507364-1									
Cyanide, Total	ND	mg/kg	0.89	0.19	1	06/03/21 20:20	06/04/21 10:20	1,9010C/9012B	CR

Lab Control Sample Analysis

Batch Quality Control

Project Name: 38 MAIN ST

Project Number: 11846

Lab Number: L2127789

Report Date: 06/10/21

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
General Chemistry - Westborough Lab Associated sample(s): 01-04 Batch: WG1507364-2 WG1507364-3								
Cyanide, Total	75	Q	88		80-120	7		35

Matrix Spike Analysis
Batch Quality Control

Project Name: 38 MAIN ST
Project Number: 11846

Lab Number: L2127789
Report Date: 06/10/21

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	MSD Qual	MSD Found	MSD %Recovery	MSD Qual	Recovery Limits	RPD Qual	RPD Limits
General Chemistry - Westborough Lab Associated sample(s): 01-04 QC Batch ID: WG1507364-4 WG1507364-5 QC Sample: L2127789-04 Client ID: SB-3 (5.5-6')											
Cyanide, Total	ND	10	10	96		8.8	90		75-125	13	35

Lab Duplicate Analysis
Batch Quality Control

Project Name: 38 MAIN ST

Project Number: 11846

Lab Number: L2127789

Report Date: 06/10/21

Parameter	Native Sample	Duplicate Sample	Units	RPD	Qual	RPD Limits
General Chemistry - Westborough Lab Associated sample(s): 01-04 QC Batch ID: WG1504351-1 QC Sample: L2127789-01 Client ID: SB-1 (1.5-2')						
Solids, Total	95.1	95.4	%	0		20

Project Name: 38 MAIN ST
Project Number: 11846

Serial_No:06102113:10
Lab Number: L2127789
Report Date: 06/10/21

Sample Receipt and Container Information

Were project specific reporting limits specified? YES

Cooler Information

Cooler **Custody Seal**
A Absent

Container Information

Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
L2127789-01A	5 gram Encore Sampler	A	NA		5.4	Y	Absent		NYTCL-8260HLW(14)
L2127789-01B	5 gram Encore Sampler	A	NA		5.4	Y	Absent		NYTCL-8260HLW(14)
L2127789-01C	5 gram Encore Sampler	A	NA		5.4	Y	Absent		NYTCL-8260HLW(14)
L2127789-01D	Plastic 2oz unpreserved for TS	A	NA		5.4	Y	Absent		TS(7)
L2127789-01E	Metals Only-Glass 60mL/2oz unpreserved	A	NA		5.4	Y	Absent		BE-TI(180),AS-TI(180),BA-TI(180),AG-TI(180),AL-TI(180),NI-TI(180),CR-TI(180),TL-TI(180),ZN-TI(180),CU-TI(180),PB-TI(180),SB-TI(180),SE-TI(180),V-TI(180),CO-TI(180),MN-TI(180),HG-T(28),MG-TI(180),FE-TI(180),CD-TI(180),NA-TI(180),CA-TI(180),K-TI(180)
L2127789-01F	Glass 250ml/8oz unpreserved	A	NA		5.4	Y	Absent		NYTCL-8270(14),TCN-9010(14),NYTCL-8081(14),NYTCL-8082(365)
L2127789-01X	Vial MeOH preserved split	A	NA		5.4	Y	Absent		NYTCL-8260HLW(14)
L2127789-01Y	Vial Water preserved split	A	NA		5.4	Y	Absent	27-MAY-21 03:53	NYTCL-8260HLW(14)
L2127789-01Z	Vial Water preserved split	A	NA		5.4	Y	Absent	27-MAY-21 03:53	NYTCL-8260HLW(14)
L2127789-02A	5 gram Encore Sampler	A	NA		5.4	Y	Absent		NYTCL-8260HLW(14)
L2127789-02B	5 gram Encore Sampler	A	NA		5.4	Y	Absent		NYTCL-8260HLW(14)
L2127789-02C	5 gram Encore Sampler	A	NA		5.4	Y	Absent		NYTCL-8260HLW(14)
L2127789-02D	Plastic 2oz unpreserved for TS	A	NA		5.4	Y	Absent		TS(7)
L2127789-02E	Metals Only-Glass 60mL/2oz unpreserved	A	NA		5.4	Y	Absent		BE-TI(180),AS-TI(180),BA-TI(180),AG-TI(180),TL-TI(180),NI-TI(180),AL-TI(180),CR-TI(180),SE-TI(180),CU-TI(180),SB-TI(180),ZN-TI(180),PB-TI(180),V-TI(180),CO-TI(180),MG-TI(180),HG-T(28),MN-TI(180),FE-TI(180),K-TI(180),CD-TI(180),NA-TI(180),CA-TI(180)
L2127789-02F	Glass 250ml/8oz unpreserved	A	NA		5.4	Y	Absent		TCN-9010(14),NYTCL-8270(14),NYTCL-8081(14),NYTCL-8082(365)
L2127789-02X	Vial MeOH preserved split	A	NA		5.4	Y	Absent		NYTCL-8260HLW(14)
L2127789-02Y	Vial Water preserved split	A	NA		5.4	Y	Absent	27-MAY-21 03:53	NYTCL-8260HLW(14)

*Values in parentheses indicate holding time in days



Project Name: 38 MAIN ST
Project Number: 11846

Serial_No:06102113:10
Lab Number: L2127789
Report Date: 06/10/21

Container Information

Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
L2127789-02Z	Vial Water preserved split	A	NA		5.4	Y	Absent	27-MAY-21 03:53	NYTCL-8260HLW(14)
L2127789-03A	5 gram Encore Sampler	A	NA		5.4	Y	Absent		NYTCL-8260HLW(14)
L2127789-03B	5 gram Encore Sampler	A	NA		5.4	Y	Absent		NYTCL-8260HLW(14)
L2127789-03C	5 gram Encore Sampler	A	NA		5.4	Y	Absent		NYTCL-8260HLW(14)
L2127789-03D	Plastic 2oz unpreserved for TS	A	NA		5.4	Y	Absent		TS(7)
L2127789-03E	Metals Only-Glass 60mL/2oz unpreserved	A	NA		5.4	Y	Absent		BE-TI(180),BA-TI(180),AS-TI(180),AG-TI(180),TL-TI(180),NI-TI(180),AL-TI(180),CR-TI(180),CU-TI(180),ZN-TI(180),PB-TI(180),SE-TI(180),SB-TI(180),CO-TI(180),V-TI(180),HG-T(28),MG-TI(180),FE-TI(180),MN-TI(180),CD-TI(180),K-TI(180),CA-TI(180),NA-TI(180)
L2127789-03F	Glass 250ml/8oz unpreserved	A	NA		5.4	Y	Absent		TCN-9010(14),NYTCL-8270(14),NYTCL-8081(14),NYTCL-8082(365)
L2127789-03X	Vial MeOH preserved split	A	NA		5.4	Y	Absent		NYTCL-8260HLW(14)
L2127789-03Y	Vial Water preserved split	A	NA		5.4	Y	Absent	27-MAY-21 03:53	NYTCL-8260HLW(14)
L2127789-03Z	Vial Water preserved split	A	NA		5.4	Y	Absent	27-MAY-21 03:53	NYTCL-8260HLW(14)
L2127789-04A	5 gram Encore Sampler	A	NA		5.4	Y	Absent		NYTCL-8260HLW(14)
L2127789-04B	5 gram Encore Sampler	A	NA		5.4	Y	Absent		NYTCL-8260HLW(14)
L2127789-04C	5 gram Encore Sampler	A	NA		5.4	Y	Absent		NYTCL-8260HLW(14)
L2127789-04D	Plastic 2oz unpreserved for TS	A	NA		5.4	Y	Absent		TS(7)
L2127789-04E	Metals Only-Glass 60mL/2oz unpreserved	A	NA		5.4	Y	Absent		BE-TI(180),BA-TI(180),AS-TI(180),AG-TI(180),TL-TI(180),CR-TI(180),AL-TI(180),NI-TI(180),PB-TI(180),SE-TI(180),CU-TI(180),SB-TI(180),ZN-TI(180),V-TI(180),CO-TI(180),MG-TI(180),FE-TI(180),MN-TI(180),HG-T(28),CA-TI(180),K-TI(180),NA-TI(180),CD-TI(180)
L2127789-04F	Glass 250ml/8oz unpreserved	A	NA		5.4	Y	Absent		TCN-9010(14),NYTCL-8270(14),NYTCL-8081(14),NYTCL-8082(365)
L2127789-04X	Vial MeOH preserved split	A	NA		5.4	Y	Absent		NYTCL-8260HLW(14)
L2127789-04Y	Vial Water preserved split	A	NA		5.4	Y	Absent	27-MAY-21 03:53	NYTCL-8260HLW(14)
L2127789-04Z	Vial Water preserved split	A	NA		5.4	Y	Absent	27-MAY-21 03:53	NYTCL-8260HLW(14)
L2127789-05A	Vial HCl preserved	A	NA		5.4	Y	Absent		NYTCL-8260(14)
L2127789-05B	Vial HCl preserved	A	NA		5.4	Y	Absent		NYTCL-8260(14)

*Values in parentheses indicate holding time in days



Project Name: 38 MAIN ST
Project Number: 11846

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GLOSSARY

Acronyms

DL	- Detection Limit: This value represents the level to which target analyte concentrations are reported as estimated values, when those target analyte concentrations are quantified below the limit of quantitation (LOQ). The DL includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.)
EDL	- Estimated Detection Limit: This value represents the level to which target analyte concentrations are reported as estimated values, when those target analyte concentrations are quantified below the reporting limit (RL). The EDL includes any adjustments from dilutions, concentrations or moisture content, where applicable. The use of EDLs is specific to the analysis of PAHs using Solid-Phase Microextraction (SPME).
EMPC	- Estimated Maximum Possible Concentration: The concentration that results from the signal present at the retention time of an analyte when the ions meet all of the identification criteria except the ion abundance ratio criteria. An EMPC is a worst-case estimate of the concentration.
EPA	- Environmental Protection Agency.
LCS	- Laboratory Control Sample: A sample matrix, free from the analytes of interest, spiked with verified known amounts of analytes or a material containing known and verified amounts of analytes.
LCSD	- Laboratory Control Sample Duplicate: Refer to LCS.
LFB	- Laboratory Fortified Blank: A sample matrix, free from the analytes of interest, spiked with verified known amounts of analytes or a material containing known and verified amounts of analytes.
LOD	- Limit of Detection: This value represents the level to which a target analyte can reliably be detected for a specific analyte in a specific matrix by a specific method. The LOD includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.)
LOQ	- Limit of Quantitation: The value at which an instrument can accurately measure an analyte at a specific concentration. The LOQ includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.) Limit of Quantitation: The value at which an instrument can accurately measure an analyte at a specific concentration. The LOQ includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.)
MDL	- Method Detection Limit: This value represents the level to which target analyte concentrations are reported as estimated values, when those target analyte concentrations are quantified below the reporting limit (RL). The MDL includes any adjustments from dilutions, concentrations or moisture content, where applicable.
MS	- Matrix Spike Sample: A sample prepared by adding a known mass of target analyte to a specified amount of matrix sample for which an independent estimate of target analyte concentration is available. For Method 332.0, the spike recovery is calculated using the native concentration, including estimated values.
MSD	- Matrix Spike Sample Duplicate: Refer to MS.
NA	- Not Applicable.
NC	- Not Calculated: Term is utilized when one or more of the results utilized in the calculation are non-detect at the parameter's reporting unit.
NDPA/DPA	- N-Nitrosodiphenylamine/Diphenylamine.
NI	- Not Ignitable.
NP	- Non-Plastic: Term is utilized for the analysis of Atterberg Limits in soil.
NR	- No Results: Term is utilized when 'No Target Compounds Requested' is reported for the analysis of Volatile or Semivolatile Organic TIC only requests.
RL	- Reporting Limit: The value at which an instrument can accurately measure an analyte at a specific concentration. The RL includes any adjustments from dilutions, concentrations or moisture content, where applicable.
RPD	- Relative Percent Difference: The results from matrix and/or matrix spike duplicates are primarily designed to assess the precision of analytical results in a given matrix and are expressed as relative percent difference (RPD). Values which are less than five times the reporting limit for any individual parameter are evaluated by utilizing the absolute difference between the values; although the RPD value will be provided in the report.
SRM	- Standard Reference Material: A reference sample of a known or certified value that is of the same or similar matrix as the associated field samples.
STLP	- Semi-dynamic Tank Leaching Procedure per EPA Method 1315.
TEF	- Toxic Equivalency Factors: The values assigned to each dioxin and furan to evaluate their toxicity relative to 2,3,7,8-TCDD.
TEQ	- Toxic Equivalent: The measure of a sample's toxicity derived by multiplying each dioxin and furan by its corresponding TEF and then summing the resulting values.
TIC	- Tentatively Identified Compound: A compound that has been identified to be present and is not part of the target compound list (TCL) for the method and/or program. All TICs are qualitatively identified and reported as estimated concentrations.

Report Format: DU Report with 'J' Qualifiers



Project Name: 38 MAIN ST
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Footnotes

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

Terms

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

Difference: With respect to Total Oxidizable Precursor (TOP) Assay analysis, the difference is defined as the Post-Treatment value minus the Pre-Treatment value.

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

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

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

PAH Total: With respect to Alkylated PAH analyses, the 'PAHs, Total' result is defined as the summation of results for all or a subset of the following compounds: Naphthalene, C1-C4 Naphthalenes, 2-Methylnaphthalene, 1-Methylnaphthalene, Biphenyl, Acenaphthylene, Acenaphthene, Fluorene, C1-C3 Fluorenes, Phenanthrene, C1-C4 Phenanthrenes/Anthracenes, Anthracene, Fluoranthene, Pyrene, C1-C4 Fluoranthenes/Pyrenes, Benz(a)anthracene, Chrysene, C1-C4 Chrysenes, Benzo(b)fluoranthene, Benzo(j)+(k)fluoranthene, Benzo(e)pyrene, Benzo(a)pyrene, Perylene, Indeno(1,2,3-cd)pyrene, Dibenz(ah)+(ac)anthracene, Benzo(g,h,i)perylene. If a 'Total' result is requested, the results of its individual components will also be reported.

PFAS Total: With respect to PFAS analyses, the 'PFAS, Total (5)' result is defined as the summation of results for: PFHpA, PFHxS, PFOA, PFNA and PFOS. In addition, the 'PFAS, Total (6)' result is defined as the summation of results at or above the RL for: PFHpA, PFHxS, PFOA, PFNA, PFDA and PFOS. (Note: 'PFAS, Total (6)' is applicable to MassDEP DW compliance analysis only.). If a 'Total' result is requested, the results of its individual components will also be reported.

The target compound Chlordane (CAS No. 57-74-9) is reported for GC ECD analyses. Per EPA, this compound "refers to a mixture of chlordane isomers, other chlorinated hydrocarbons and numerous other components." (Reference: USEPA Toxicological Review of Chlordane, In Support of Summary Information on the Integrated Risk Information System (IRIS), December 1997.)

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

Data Qualifiers

- A** - Spectra identified as "Aldol Condensates" are byproducts of the extraction/concentration procedures when acetone is introduced in the process.
- B** - The analyte was detected above the reporting limit in the associated method blank. Flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank. For MCP-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank. For DOD-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank AND the analyte was detected above one-half the reporting limit (or above the reporting limit for common lab contaminants) in the associated method blank. For NJ-Air-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte above the reporting limit. For NJ-related projects (excluding Air), flag only applies to associated field samples that have detectable concentrations of the analyte, which was detected above the reporting limit in the associated method blank or above five times the reporting limit for common lab contaminants (Phthalates, Acetone, Methylene Chloride, 2-Butanone).
- C** - Co-elution: The target analyte co-elutes with a known lab standard (i.e. surrogate, internal standards, etc.) for co-extracted analyses.
- D** - Concentration of analyte was quantified from diluted analysis. Flag only applies to field samples that have detectable concentrations of the analyte.
- E** - Concentration of analyte exceeds the range of the calibration curve and/or linear range of the instrument.
- F** - The ratio of quantifier ion response to qualifier ion response falls outside of the laboratory criteria. Results are considered to be an estimated maximum concentration.
- G** - The concentration may be biased high due to matrix interferences (i.e. co-elution) with non-target compound(s). The result should be considered estimated.
- H** - The analysis of pH was performed beyond the regulatory-required holding time of 15 minutes from the time of sample collection.
- I** - The lower value for the two columns has been reported due to obvious interference.
- J** - Estimated value. The Target analyte concentration is below the quantitation limit (RL), but above the Method Detection Limit (MDL) or Estimated Detection Limit (EDL) for SPME-related analyses. This represents an estimated concentration for Tentatively Identified Compounds (TICs).
- M** - Reporting Limit (RL) exceeds the MCP CAM Reporting Limit for this analyte.
- ND** - Not detected at the method detection limit (MDL) for the sample, or estimated detection limit (EDL) for SPME-related analyses.

Report Format: DU Report with 'J' Qualifiers



Project Name: 38 MAIN ST**Lab Number:** L2127789**Project Number:** 11846**Report Date:** 06/10/21**Data Qualifiers**

- NJ** - Presumptive evidence of compound. This represents an estimated concentration for Tentatively Identified Compounds (TICs), where the identification is based on a mass spectral library search.
- P** - The RPD between the results for the two columns exceeds the method-specified criteria.
- Q** - The quality control sample exceeds the associated acceptance criteria. For DOD-related projects, LCS and/or Continuing Calibration Standard exceedences are also qualified on all associated sample results. Note: This flag is not applicable for matrix spike recoveries when the sample concentration is greater than 4x the spike added or for batch duplicate RPD when the sample concentrations are less than 5x the RL. (Metals only.)
- R** - Analytical results are from sample re-analysis.
- RE** - Analytical results are from sample re-extraction.
- S** - Analytical results are from modified screening analysis.

Project Name: 38 MAIN ST
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Report Date: 06/10/21

REFERENCES

- 1 Test Methods for Evaluating Solid Waste: Physical/Chemical Methods. EPA SW-846. Third Edition. Updates I - VI, 2018.
- 121 Standard Methods for the Examination of Water and Wastewater. APHA-AWWA-WEF. Standard Methods Online.

LIMITATION OF LIABILITIES

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

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



Certification Information

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

Westborough Facility

EPA 624/624.1: m/p-xylene, o-xylene, Naphthalene

EPA 625/625.1: alpha-Terpineol

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

EPA 8270D/8270E: NPW: Dimethylnaphthalene, 1,4-Diphenylhydrazine, alpha-Terpineol; SCM: Dimethylnaphthalene, 1,4-Diphenylhydrazine.

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

Mansfield Facility

SM 2540D: TSS

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

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

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

Biological Tissue Matrix: EPA 3050B

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

Westborough Facility:

Drinking Water

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

EPA 180.1, SM2130B, SM4500CI-D, SM2320B, SM2540C, SM4500H-B, SM4500NO2-B

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

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

Non-Potable Water

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

Ammonia-N, **LCHAT 10-107-06-1-B:** Ammonia-N, **EPA 351.1, SM4500NO3-F, EPA 353.2:** Nitrate-N, **SM4500P-E, SM4500P-B, E, SM4500SO4-E,**

SM5220D, EPA 410.4, SM5210B, SM5310C, SM4500CL-D, EPA 1664, EPA 420.1, SM4500-CN-CE, SM2540D, EPA 300: Chloride, Sulfate, Nitrate.

EPA 624.1: Volatile Halocarbons & Aromatics,

EPA 608.3: Chlordane, Toxaphene, Aldrin, alpha-BHC, beta-BHC, gamma-BHC, delta-BHC, Dieldrin, DDD, DDE, DDT, Endosulfan I, Endosulfan II,

Endosulfan sulfate, Endrin, Endrin Aldehyde, Heptachlor, Heptachlor Epoxide, PCBs

EPA 625.1: SVOC (Acid/Base/Neutral Extractables), **EPA 600/4-81-045:** PCB-Oil.

Microbiology: **SM9223B-Colilert-QT; Enterolert-QT, SM9221E, EPA 1600, EPA 1603, SM9222D.**

Mansfield Facility:

Drinking Water

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

EPA 522, EPA 537.1.

Non-Potable Water


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

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

EPA 245.1 Hg.

SM2340B

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

 NEW YORK CHAIN OF CUSTODY	Service Centers Mahwah, NJ 07430: 35 Whitney Rd, Suite 5 Albany, NY 12205: 14 Walker Way Tonawanda, NY 14150: 275 Cooper Ave, Suite 105	Page	Date Rec'd in Lab	ALPHA Job #		
		1 of 1	5/25/21	2127789		
Westborough, MA 01581 8 Walkup Dr. TEL: 508-898-9220 FAX: 508-898-9193	Mansfield, MA 02048 320 Forbes Blvd TEL: 508-822-9300 FAX: 508-822-3288	Project Information		Deliverables	Billing Information	
Project Name: <u>38 Main St</u> Project Location: <u>Yonkers</u> Project # 484 <u>11846</u> (Use Project name as Project #) <input type="checkbox"/>		ASP-A <input type="checkbox"/> ASP-B <input checked="" type="checkbox"/> EQulS (1 File) <input type="checkbox"/> EQulS (4 File) <input type="checkbox"/> Other <input type="checkbox"/>		Same as Client Info <input type="checkbox"/> PO #		
Client Information		Regulatory Requirement		Disposal Site Information		
Client: <u>SES Consulting Engineers</u> Address: <u>12 A Maple Ave</u> <u>Pine Brook, NJ</u> Phone: <u>973 849 9000</u> Fax: Email: <u>ssg@ses.org</u>		NY TOGS <input type="checkbox"/> NY Part 375 <input type="checkbox"/> AWQ Standards <input type="checkbox"/> NY CP-51 <input type="checkbox"/> NY Restricted Use <input type="checkbox"/> Other <input type="checkbox"/> <input checked="" type="checkbox"/> NY Unrestricted Use NYC Sewer Discharge <input type="checkbox"/>		Please identify below location of applicable disposal facilities. Disposal Facility: <input type="checkbox"/> NJ <input type="checkbox"/> NY <input type="checkbox"/> Other:		
Turn-Around Time Standard <input checked="" type="checkbox"/> Due Date: Rush (only if pre approved) <input type="checkbox"/> # of Days: <u><</u>		These samples have been previously analyzed by Alpha <input type="checkbox"/> Other project specific requirements/comments: Please specify Metals or TAL.				
ALPHA Lab ID (Lab Use Only) Sample ID Collection Date Time Sample Matrix Sampler's Initials		ANALYSIS			Sample Filtration	
		TAL/TCL/30 X X X X			<input type="checkbox"/> Done <input type="checkbox"/> Lab to do Preservation <input type="checkbox"/> Lab to do (Please Specify below) Sample Specific Comments	
Preservative Code: A = None B = HCl C = HNO ₃ D = H ₂ SO ₄ E = NaOH F = MeOH G = NaHSO ₄ H = Na ₂ S ₂ O ₃ K/E = Zn Ac/NaOH O = Other		Container Code: P = Plastic A = Amber Glass V = Vial G = Glass B = Bacteria Cup C = Cube O = Other E = Encore D = BOD Bottle		Westboro: Certification No: MA935 Mansfield: Certification No: MA015		
Container Type Preservative		Relinquished By: <u>[Signature]</u> Date/Time: <u>5/25/21 18:26</u> Received By: <u>[Signature]</u> Date/Time: <u>5/25/21 16:58</u> <u>[Signature]</u> AAL <u>5/25/21 23:55</u> <u>[Signature]</u> AAL <u>5/25/21 20:15</u> <u>[Signature]</u> AAL <u>5/25/21 23:55</u> <u>[Signature]</u> AAL <u>5/25/21 23:55</u>			Please print clearly, legibly and completely. Samples can not be logged in and turnaround time clock will not start until any ambiguities are resolved. BY EXECUTING THIS COC, THE CLIENT HAS READ AND AGREES TO BE BOUND BY ALPHA'S TERMS & CONDITIONS. (See reverse side.)	

Appendix D:
Groundwater Laboratory Deliverable
Report



ANALYTICAL REPORT

Lab Number:	L2128683
Client:	Soils Engineering Services, Inc. 12A Maple Avenue Pine Brook, NJ 07058
ATTN:	Steven Gustems
Phone:	(973) 808-9050
Project Name:	38 MAIN ST
Project Number:	11846
Report Date:	06/17/21

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

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



Project Name: 38 MAIN ST
Project Number: 11846

Lab Number: L2128683
Report Date: 06/17/21

Alpha Sample ID	Client ID	Matrix	Sample Location	Collection Date/Time	Receive Date
L2128683-01	SB-2 (2.5-3)	SOIL	YONKERS, NY	05/26/21 08:15	05/28/21
L2128683-02	SB-2 (6.5-7)	SOIL	YONKERS, NY	05/26/21 09:30	05/28/21
L2128683-03	SB-4 (2.5-3)	SOIL	YONKERS, NY	05/26/21 14:30	05/28/21
L2128683-04	SB-4 (5.5-6)	SOIL	YONKERS, NY	05/26/21 14:40	05/28/21
L2128683-05	SB-5 (3.5-4)	SOIL	YONKERS, NY	05/26/21 15:00	05/28/21
L2128683-06	SB-5 (6.5-7)	SOIL	YONKERS, NY	05/26/21 15:10	05/28/21
L2128683-07	SB-1 GW	WATER	YONKERS, NY	05/26/21 09:00	05/28/21
L2128683-08	SB-3 GW	WATER	YONKERS, NY	05/26/21 10:30	05/28/21
L2128683-09	TRIP BLANK	WATER	YONKERS, NY	05/26/21 17:00	05/28/21
L2128683-10	FIELD BLANK	WATER	YONKERS, NY	05/26/21 00:00	05/28/21

Project Name: 38 MAIN ST**Lab Number:** L2128683**Project Number:** 11846**Report Date:** 06/17/21

Case Narrative

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

Results contained within this report relate only to the samples submitted under this Alpha Lab Number and meet NELAP requirements for all NELAP accredited parameters unless otherwise noted in the following narrative. The data presented in this report is organized by parameter (i.e. VOC, SVOC, etc.). Sample specific Quality Control data (i.e. Surrogate Spike Recovery) is reported at the end of the target analyte list for each individual sample, followed by the Laboratory Batch Quality Control at the end of each parameter. Tentatively Identified Compounds (TICs), if requested, are reported for compounds identified to be present and are not part of the method/program Target Compound List, even if only a subset of the TCL are being reported. If a sample was re-analyzed or re-extracted due to a required quality control corrective action and if both sets of data are reported, the Laboratory ID of the re-analysis or re-extraction is designated with an "R" or "RE", respectively.

When multiple Batch Quality Control elements are reported (e.g. more than one LCS), the associated samples for each element are noted in the grey shaded header line of each data table. Any Laboratory Batch, Sample Specific % recovery or RPD value that is outside the listed Acceptance Criteria is bolded in the report. In reference to questions H (CAM) or 4 (RCP) when "NO" is checked, the performance criteria for CAM and RCP methods allow for some quality control failures to occur and still be within method compliance. In these instances, the specific failure is not narrated but noted in the associated QC Outlier Summary Report, located directly after the Case Narrative. QC information is also incorporated in the Data Usability Assessment table (Format 11) of our Data Merger tool, where it can be reviewed in conjunction with the sample result, associated regulatory criteria and any associated data usability implications.

Soil/sediments, solids and tissues are reported on a dry weight basis unless otherwise noted. Definitions of all data qualifiers and acronyms used in this report are provided in the Glossary located at the back of the report.

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

Please contact Project Management at 800-624-9220 with any questions.

Project Name: 38 MAIN ST
Project Number: 11846

Lab Number: L2128683
Report Date: 06/17/21

Case Narrative (continued)

Report Submission

June 17, 2021: This final report includes the results of all requested analyses.

June 14, 2021: This is a preliminary report.

June 10, 2021: This is a preliminary report.

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

Sample Receipt

The analyses performed were specified by the client.

L2128683-10: A sample identified as "FIELD BLANK" was received, but not listed on the Chain of Custody. At the client's request, this sample was not analyzed.

Volatile Organics

L2128683-01 through -06 were analyzed with the method required holding time exceeded.

L2128683-07 was received in the proper acid-preserved containers; however, upon analysis, the pH was determined to be greater than 2, and thus the method required holding time was exceeded.

Semivolatile Organics

The WG1505891-1 Method Blank, associated with L2128683-07 and -08, has TIC(s) detected. The results are qualified with a "B" for any associated samples that have detections of the same TIC(s).

Pesticides

L2128683-01D and -05D: The sample has elevated detection limits due to the dilution required by the sample matrix.

L2128683-08 was extracted with the method required holding time exceeded.

Project Name: 38 MAIN ST
Project Number: 11846

Lab Number: L2128683
Report Date: 06/17/21

Case Narrative (continued)

Total Metals

L2128683-01 through -06: The sample has elevated detection limits for all elements, with the exception of mercury, due to the dilution required by matrix interferences encountered during analysis.

L2128683-07 and -08: The sample has an elevated detection limit for mercury due to the prep dilution required by the sample matrix.

The WG1508855-1 Method Blank, associated with L2128683-01 through -06, has a concentration above the reporting limit for iron. Since the associated sample concentrations are either greater than 10x the blank concentration or non-detect to the RL for this target analyte, no corrective action is required. Any results detected below the reporting limit are qualified with a "B".


Cyanide, Total

The WG1507585-2/-3 LCS/LCSD recoveries for cyanide, total (40%/74%), associated with L2128683-01 through -04, are outside our in-house acceptance criteria, but within the vendor-certified acceptance limits. The results of the original analyses are reported. The LCS/LCSD RPD is above the acceptance criteria for cyanide, total (64%).

The WG1508623-2/-3 LCS/LCSD recoveries for cyanide, total (76%/56%), associated with L2128683-05 and -06, are outside our in-house acceptance criteria, but within the vendor-certified acceptance limits. The results of the original analyses are reported.

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

Authorized Signature:

 Kelly Stenstrom

Title: Technical Director/Representative

Date: 06/17/21

ORGANICS

VOLATILES

Project Name: 38 MAIN ST

Lab Number: L2128683

Project Number: 11846

Report Date: 06/17/21

SAMPLE RESULTS

Lab ID: L2128683-01
 Client ID: SB-2 (2.5-3)
 Sample Location: YONKERS, NY

Date Collected: 05/26/21 08:15
 Date Received: 05/28/21
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil
 Analytical Method: 1,8260C
 Analytical Date: 06/06/21 19:08
 Analyst: NLK
 Percent Solids: 88%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
Methylene chloride	ND		ug/kg	5.0	2.3	1
1,1-Dichloroethane	ND		ug/kg	0.99	0.14	1
Chloroform	ND		ug/kg	1.5	0.14	1
Carbon tetrachloride	ND		ug/kg	0.99	0.23	1
1,2-Dichloropropane	ND		ug/kg	0.99	0.12	1
Dibromochloromethane	ND		ug/kg	0.99	0.14	1
1,1,2-Trichloroethane	ND		ug/kg	0.99	0.26	1
Tetrachloroethene	0.19	J	ug/kg	0.50	0.19	1
Chlorobenzene	ND		ug/kg	0.50	0.13	1
Trichlorofluoromethane	ND		ug/kg	4.0	0.69	1
1,2-Dichloroethane	ND		ug/kg	0.99	0.26	1
1,1,1-Trichloroethane	ND		ug/kg	0.50	0.16	1
Bromodichloromethane	ND		ug/kg	0.50	0.11	1
trans-1,3-Dichloropropene	ND		ug/kg	0.99	0.27	1
cis-1,3-Dichloropropene	ND		ug/kg	0.50	0.16	1
1,3-Dichloropropene, Total	ND		ug/kg	0.50	0.16	1
1,1-Dichloropropene	ND		ug/kg	0.50	0.16	1
Bromoform	ND		ug/kg	4.0	0.24	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	0.50	0.16	1
Benzene	ND		ug/kg	0.50	0.16	1
Toluene	ND		ug/kg	0.99	0.54	1
Ethylbenzene	ND		ug/kg	0.99	0.14	1
Chloromethane	ND		ug/kg	4.0	0.92	1
Bromomethane	ND		ug/kg	2.0	0.58	1
Vinyl chloride	ND		ug/kg	0.99	0.33	1
Chloroethane	ND		ug/kg	2.0	0.45	1
1,1-Dichloroethene	ND		ug/kg	0.99	0.24	1
trans-1,2-Dichloroethene	ND		ug/kg	1.5	0.14	1

Project Name: 38 MAIN ST

Lab Number: L2128683

Project Number: 11846

Report Date: 06/17/21

SAMPLE RESULTS

Lab ID: L2128683-01
 Client ID: SB-2 (2.5-3)
 Sample Location: YONKERS, NY

Date Collected: 05/26/21 08:15
 Date Received: 05/28/21
 Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
Trichloroethene	ND		ug/kg	0.50	0.14	1
1,2-Dichlorobenzene	ND		ug/kg	2.0	0.14	1
1,3-Dichlorobenzene	ND		ug/kg	2.0	0.15	1
1,4-Dichlorobenzene	ND		ug/kg	2.0	0.17	1
Methyl tert butyl ether	ND		ug/kg	2.0	0.20	1
p/m-Xylene	ND		ug/kg	2.0	0.56	1
o-Xylene	ND		ug/kg	0.99	0.29	1
Xylenes, Total	ND		ug/kg	0.99	0.29	1
cis-1,2-Dichloroethene	ND		ug/kg	0.99	0.17	1
1,2-Dichloroethene, Total	ND		ug/kg	0.99	0.14	1
Dibromomethane	ND		ug/kg	2.0	0.24	1
Styrene	ND		ug/kg	0.99	0.19	1
Dichlorodifluoromethane	ND		ug/kg	9.9	0.91	1
Acetone	ND		ug/kg	9.9	4.8	1
Carbon disulfide	ND		ug/kg	9.9	4.5	1
2-Butanone	ND		ug/kg	9.9	2.2	1
Vinyl acetate	ND		ug/kg	9.9	2.1	1
4-Methyl-2-pentanone	ND		ug/kg	9.9	1.3	1
1,2,3-Trichloropropane	ND		ug/kg	2.0	0.13	1
2-Hexanone	ND		ug/kg	9.9	1.2	1
Bromochloromethane	ND		ug/kg	2.0	0.20	1
2,2-Dichloropropane	ND		ug/kg	2.0	0.20	1
1,2-Dibromoethane	ND		ug/kg	0.99	0.28	1
1,3-Dichloropropane	ND		ug/kg	2.0	0.16	1
1,1,1,2-Tetrachloroethane	ND		ug/kg	0.50	0.13	1
Bromobenzene	ND		ug/kg	2.0	0.14	1
n-Butylbenzene	ND		ug/kg	0.99	0.16	1
sec-Butylbenzene	ND		ug/kg	0.99	0.14	1
tert-Butylbenzene	ND		ug/kg	2.0	0.12	1
o-Chlorotoluene	ND		ug/kg	2.0	0.19	1
p-Chlorotoluene	ND		ug/kg	2.0	0.11	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	3.0	0.99	1
Hexachlorobutadiene	ND		ug/kg	4.0	0.17	1
Isopropylbenzene	ND		ug/kg	0.99	0.11	1
p-Isopropyltoluene	ND		ug/kg	0.99	0.11	1
Naphthalene	ND		ug/kg	4.0	0.64	1
Acrylonitrile	ND		ug/kg	4.0	1.1	1

Project Name: 38 MAIN ST

Lab Number: L2128683

Project Number: 11846

Report Date: 06/17/21

SAMPLE RESULTS

Lab ID: L2128683-01
 Client ID: SB-2 (2.5-3)
 Sample Location: YONKERS, NY

Date Collected: 05/26/21 08:15
 Date Received: 05/28/21
 Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
n-Propylbenzene	ND		ug/kg	0.99	0.17	1
1,2,3-Trichlorobenzene	ND		ug/kg	2.0	0.32	1
1,2,4-Trichlorobenzene	ND		ug/kg	2.0	0.27	1
1,3,5-Trimethylbenzene	ND		ug/kg	2.0	0.19	1
1,2,4-Trimethylbenzene	ND		ug/kg	2.0	0.33	1
1,4-Dioxane	ND		ug/kg	79	35.	1
p-Diethylbenzene	ND		ug/kg	2.0	0.18	1
p-Ethyltoluene	ND		ug/kg	2.0	0.38	1
1,2,4,5-Tetramethylbenzene	ND		ug/kg	2.0	0.19	1
Ethyl ether	ND		ug/kg	2.0	0.34	1
trans-1,4-Dichloro-2-butene	ND		ug/kg	5.0	1.4	1

Tentatively Identified Compounds

Total TIC Compounds	17.9	J	ug/kg			1
Cyclotrisiloxane, Hexamethyl-	9.71	NJ	ug/kg			1
Unknown	6.08	J	ug/kg			1
Unknown	2.08	J	ug/kg			1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	102		70-130
Toluene-d8	95		70-130
4-Bromofluorobenzene	109		70-130
Dibromofluoromethane	104		70-130

Project Name: 38 MAIN ST

Lab Number: L2128683

Project Number: 11846

Report Date: 06/17/21

SAMPLE RESULTS

Lab ID: L2128683-02
 Client ID: SB-2 (6.5-7)
 Sample Location: YONKERS, NY

Date Collected: 05/26/21 09:30
 Date Received: 05/28/21
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil
 Analytical Method: 1,8260C
 Analytical Date: 06/06/21 19:51
 Analyst: NLK
 Percent Solids: 87%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
Methylene chloride	ND		ug/kg	5.3	2.4	1
1,1-Dichloroethane	ND		ug/kg	1.1	0.15	1
Chloroform	ND		ug/kg	1.6	0.15	1
Carbon tetrachloride	ND		ug/kg	1.1	0.24	1
1,2-Dichloropropane	ND		ug/kg	1.1	0.13	1
Dibromochloromethane	ND		ug/kg	1.1	0.15	1
1,1,2-Trichloroethane	ND		ug/kg	1.1	0.28	1
Tetrachloroethene	ND		ug/kg	0.53	0.21	1
Chlorobenzene	ND		ug/kg	0.53	0.14	1
Trichlorofluoromethane	ND		ug/kg	4.3	0.74	1
1,2-Dichloroethane	ND		ug/kg	1.1	0.27	1
1,1,1-Trichloroethane	ND		ug/kg	0.53	0.18	1
Bromodichloromethane	ND		ug/kg	0.53	0.12	1
trans-1,3-Dichloropropene	ND		ug/kg	1.1	0.29	1
cis-1,3-Dichloropropene	ND		ug/kg	0.53	0.17	1
1,3-Dichloropropene, Total	ND		ug/kg	0.53	0.17	1
1,1-Dichloropropene	ND		ug/kg	0.53	0.17	1
Bromoform	ND		ug/kg	4.3	0.26	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	0.53	0.18	1
Benzene	ND		ug/kg	0.53	0.18	1
Toluene	ND		ug/kg	1.1	0.58	1
Ethylbenzene	ND		ug/kg	1.1	0.15	1
Chloromethane	ND		ug/kg	4.3	0.99	1
Bromomethane	ND		ug/kg	2.1	0.62	1
Vinyl chloride	ND		ug/kg	1.1	0.36	1
Chloroethane	ND		ug/kg	2.1	0.48	1
1,1-Dichloroethene	ND		ug/kg	1.1	0.25	1
trans-1,2-Dichloroethene	ND		ug/kg	1.6	0.15	1

Project Name: 38 MAIN ST

Lab Number: L2128683

Project Number: 11846

Report Date: 06/17/21

SAMPLE RESULTS

Lab ID: L2128683-02
 Client ID: SB-2 (6.5-7)
 Sample Location: YONKERS, NY

Date Collected: 05/26/21 09:30
 Date Received: 05/28/21
 Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
Trichloroethene	ND		ug/kg	0.53	0.15	1
1,2-Dichlorobenzene	ND		ug/kg	2.1	0.15	1
1,3-Dichlorobenzene	ND		ug/kg	2.1	0.16	1
1,4-Dichlorobenzene	ND		ug/kg	2.1	0.18	1
Methyl tert butyl ether	ND		ug/kg	2.1	0.21	1
p/m-Xylene	ND		ug/kg	2.1	0.60	1
o-Xylene	ND		ug/kg	1.1	0.31	1
Xylenes, Total	ND		ug/kg	1.1	0.31	1
cis-1,2-Dichloroethene	ND		ug/kg	1.1	0.19	1
1,2-Dichloroethene, Total	ND		ug/kg	1.1	0.15	1
Dibromomethane	ND		ug/kg	2.1	0.25	1
Styrene	ND		ug/kg	1.1	0.21	1
Dichlorodifluoromethane	ND		ug/kg	11	0.98	1
Acetone	8.8	J	ug/kg	11	5.1	1
Carbon disulfide	ND		ug/kg	11	4.8	1
2-Butanone	ND		ug/kg	11	2.4	1
Vinyl acetate	ND		ug/kg	11	2.3	1
4-Methyl-2-pentanone	ND		ug/kg	11	1.4	1
1,2,3-Trichloropropane	ND		ug/kg	2.1	0.14	1
2-Hexanone	ND		ug/kg	11	1.2	1
Bromochloromethane	ND		ug/kg	2.1	0.22	1
2,2-Dichloropropane	ND		ug/kg	2.1	0.22	1
1,2-Dibromoethane	ND		ug/kg	1.1	0.30	1
1,3-Dichloropropane	ND		ug/kg	2.1	0.18	1
1,1,1,2-Tetrachloroethane	ND		ug/kg	0.53	0.14	1
Bromobenzene	ND		ug/kg	2.1	0.15	1
n-Butylbenzene	ND		ug/kg	1.1	0.18	1
sec-Butylbenzene	ND		ug/kg	1.1	0.16	1
tert-Butylbenzene	ND		ug/kg	2.1	0.12	1
o-Chlorotoluene	ND		ug/kg	2.1	0.20	1
p-Chlorotoluene	ND		ug/kg	2.1	0.12	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	3.2	1.1	1
Hexachlorobutadiene	ND		ug/kg	4.3	0.18	1
Isopropylbenzene	ND		ug/kg	1.1	0.12	1
p-Isopropyltoluene	ND		ug/kg	1.1	0.12	1
Naphthalene	ND		ug/kg	4.3	0.69	1
Acrylonitrile	ND		ug/kg	4.3	1.2	1

Project Name: 38 MAIN ST

Lab Number: L2128683

Project Number: 11846

Report Date: 06/17/21

SAMPLE RESULTS

Lab ID: L2128683-02
 Client ID: SB-2 (6.5-7)
 Sample Location: YONKERS, NY

Date Collected: 05/26/21 09:30
 Date Received: 05/28/21
 Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
n-Propylbenzene	ND		ug/kg	1.1	0.18	1
1,2,3-Trichlorobenzene	ND		ug/kg	2.1	0.34	1
1,2,4-Trichlorobenzene	ND		ug/kg	2.1	0.29	1
1,3,5-Trimethylbenzene	ND		ug/kg	2.1	0.20	1
1,2,4-Trimethylbenzene	ND		ug/kg	2.1	0.36	1
1,4-Dioxane	ND		ug/kg	85	37.	1
p-Diethylbenzene	ND		ug/kg	2.1	0.19	1
p-Ethyltoluene	ND		ug/kg	2.1	0.41	1
1,2,4,5-Tetramethylbenzene	ND		ug/kg	2.1	0.20	1
Ethyl ether	ND		ug/kg	2.1	0.36	1
trans-1,4-Dichloro-2-butene	ND		ug/kg	5.3	1.5	1

Tentatively Identified Compounds

Total TIC Compounds	8.42	J	ug/kg			1
Unknown	3.34	J	ug/kg			1
Cyclotrisiloxane, Hexamethyl-	5.08	NJ	ug/kg			1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	99		70-130
Toluene-d8	97		70-130
4-Bromofluorobenzene	98		70-130
Dibromofluoromethane	103		70-130

Project Name: 38 MAIN ST

Lab Number: L2128683

Project Number: 11846

Report Date: 06/17/21

SAMPLE RESULTS

Lab ID: L2128683-03
 Client ID: SB-4 (2.5-3)
 Sample Location: YONKERS, NY

Date Collected: 05/26/21 14:30
 Date Received: 05/28/21
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil
 Analytical Method: 1,8260C
 Analytical Date: 06/06/21 20:33
 Analyst: NLK
 Percent Solids: 89%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
Methylene chloride	ND		ug/kg	6.6	3.0	1
1,1-Dichloroethane	ND		ug/kg	1.3	0.19	1
Chloroform	ND		ug/kg	2.0	0.18	1
Carbon tetrachloride	ND		ug/kg	1.3	0.30	1
1,2-Dichloropropane	ND		ug/kg	1.3	0.17	1
Dibromochloromethane	ND		ug/kg	1.3	0.18	1
1,1,2-Trichloroethane	ND		ug/kg	1.3	0.35	1
Tetrachloroethene	ND		ug/kg	0.66	0.26	1
Chlorobenzene	ND		ug/kg	0.66	0.17	1
Trichlorofluoromethane	ND		ug/kg	5.3	0.92	1
1,2-Dichloroethane	ND		ug/kg	1.3	0.34	1
1,1,1-Trichloroethane	ND		ug/kg	0.66	0.22	1
Bromodichloromethane	ND		ug/kg	0.66	0.14	1
trans-1,3-Dichloropropene	ND		ug/kg	1.3	0.36	1
cis-1,3-Dichloropropene	ND		ug/kg	0.66	0.21	1
1,3-Dichloropropene, Total	ND		ug/kg	0.66	0.21	1
1,1-Dichloropropene	ND		ug/kg	0.66	0.21	1
Bromoform	ND		ug/kg	5.3	0.33	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	0.66	0.22	1
Benzene	ND		ug/kg	0.66	0.22	1
Toluene	ND		ug/kg	1.3	0.72	1
Ethylbenzene	ND		ug/kg	1.3	0.19	1
Chloromethane	ND		ug/kg	5.3	1.2	1
Bromomethane	ND		ug/kg	2.6	0.77	1
Vinyl chloride	ND		ug/kg	1.3	0.44	1
Chloroethane	ND		ug/kg	2.6	0.60	1
1,1-Dichloroethene	ND		ug/kg	1.3	0.32	1
trans-1,2-Dichloroethene	ND		ug/kg	2.0	0.18	1

Project Name: 38 MAIN ST

Lab Number: L2128683

Project Number: 11846

Report Date: 06/17/21

SAMPLE RESULTS

Lab ID: L2128683-03
 Client ID: SB-4 (2.5-3)
 Sample Location: YONKERS, NY

Date Collected: 05/26/21 14:30
 Date Received: 05/28/21
 Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
Trichloroethene	ND		ug/kg	0.66	0.18	1
1,2-Dichlorobenzene	ND		ug/kg	2.6	0.19	1
1,3-Dichlorobenzene	ND		ug/kg	2.6	0.20	1
1,4-Dichlorobenzene	ND		ug/kg	2.6	0.23	1
Methyl tert butyl ether	ND		ug/kg	2.6	0.27	1
p/m-Xylene	ND		ug/kg	2.6	0.74	1
o-Xylene	ND		ug/kg	1.3	0.39	1
Xylenes, Total	ND		ug/kg	1.3	0.39	1
cis-1,2-Dichloroethene	ND		ug/kg	1.3	0.23	1
1,2-Dichloroethene, Total	ND		ug/kg	1.3	0.18	1
Dibromomethane	ND		ug/kg	2.6	0.32	1
Styrene	ND		ug/kg	1.3	0.26	1
Dichlorodifluoromethane	ND		ug/kg	13	1.2	1
Acetone	ND		ug/kg	13	6.4	1
Carbon disulfide	ND		ug/kg	13	6.0	1
2-Butanone	ND		ug/kg	13	2.9	1
Vinyl acetate	ND		ug/kg	13	2.8	1
4-Methyl-2-pentanone	ND		ug/kg	13	1.7	1
1,2,3-Trichloropropane	ND		ug/kg	2.6	0.17	1
2-Hexanone	ND		ug/kg	13	1.6	1
Bromochloromethane	ND		ug/kg	2.6	0.27	1
2,2-Dichloropropane	ND		ug/kg	2.6	0.27	1
1,2-Dibromoethane	ND		ug/kg	1.3	0.37	1
1,3-Dichloropropane	ND		ug/kg	2.6	0.22	1
1,1,1,2-Tetrachloroethane	ND		ug/kg	0.66	0.18	1
Bromobenzene	ND		ug/kg	2.6	0.19	1
n-Butylbenzene	ND		ug/kg	1.3	0.22	1
sec-Butylbenzene	ND		ug/kg	1.3	0.19	1
tert-Butylbenzene	ND		ug/kg	2.6	0.16	1
o-Chlorotoluene	ND		ug/kg	2.6	0.25	1
p-Chlorotoluene	ND		ug/kg	2.6	0.14	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	4.0	1.3	1
Hexachlorobutadiene	ND		ug/kg	5.3	0.22	1
Isopropylbenzene	ND		ug/kg	1.3	0.14	1
p-Isopropyltoluene	ND		ug/kg	1.3	0.14	1
Naphthalene	ND		ug/kg	5.3	0.86	1
Acrylonitrile	ND		ug/kg	5.3	1.5	1

Project Name: 38 MAIN ST

Lab Number: L2128683

Project Number: 11846

Report Date: 06/17/21

SAMPLE RESULTS

Lab ID: L2128683-03
 Client ID: SB-4 (2.5-3)
 Sample Location: YONKERS, NY

Date Collected: 05/26/21 14:30
 Date Received: 05/28/21
 Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
n-Propylbenzene	ND		ug/kg	1.3	0.23	1
1,2,3-Trichlorobenzene	ND		ug/kg	2.6	0.43	1
1,2,4-Trichlorobenzene	ND		ug/kg	2.6	0.36	1
1,3,5-Trimethylbenzene	ND		ug/kg	2.6	0.26	1
1,2,4-Trimethylbenzene	ND		ug/kg	2.6	0.44	1
1,4-Dioxane	ND		ug/kg	110	47.	1
p-Diethylbenzene	ND		ug/kg	2.6	0.24	1
p-Ethyltoluene	ND		ug/kg	2.6	0.51	1
1,2,4,5-Tetramethylbenzene	ND		ug/kg	2.6	0.25	1
Ethyl ether	ND		ug/kg	2.6	0.45	1
trans-1,4-Dichloro-2-butene	ND		ug/kg	6.6	1.9	1

Tentatively Identified Compounds

Total TIC Compounds	10.3	J	ug/kg			1
Unknown	3.69	J	ug/kg			1
Cyclotrisiloxane, Hexamethyl-	6.61	NJ	ug/kg			1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	103		70-130
Toluene-d8	97		70-130
4-Bromofluorobenzene	97		70-130
Dibromofluoromethane	104		70-130

Project Name: 38 MAIN ST

Lab Number: L2128683

Project Number: 11846

Report Date: 06/17/21

SAMPLE RESULTS

Lab ID: L2128683-04
 Client ID: SB-4 (5.5-6)
 Sample Location: YONKERS, NY

Date Collected: 05/26/21 14:40
 Date Received: 05/28/21
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil
 Analytical Method: 1,8260C
 Analytical Date: 06/07/21 16:27
 Analyst: MV
 Percent Solids: 84%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
Methylene chloride	ND		ug/kg	8.1	3.7	1
1,1-Dichloroethane	ND		ug/kg	1.6	0.23	1
Chloroform	ND		ug/kg	2.4	0.23	1
Carbon tetrachloride	ND		ug/kg	1.6	0.37	1
1,2-Dichloropropane	ND		ug/kg	1.6	0.20	1
Dibromochloromethane	ND		ug/kg	1.6	0.23	1
1,1,2-Trichloroethane	ND		ug/kg	1.6	0.43	1
Tetrachloroethene	ND		ug/kg	0.81	0.32	1
Chlorobenzene	ND		ug/kg	0.81	0.20	1
Trichlorofluoromethane	ND		ug/kg	6.5	1.1	1
1,2-Dichloroethane	ND		ug/kg	1.6	0.42	1
1,1,1-Trichloroethane	ND		ug/kg	0.81	0.27	1
Bromodichloromethane	ND		ug/kg	0.81	0.18	1
trans-1,3-Dichloropropene	ND		ug/kg	1.6	0.44	1
cis-1,3-Dichloropropene	ND		ug/kg	0.81	0.26	1
1,3-Dichloropropene, Total	ND		ug/kg	0.81	0.26	1
1,1-Dichloropropene	ND		ug/kg	0.81	0.26	1
Bromoform	ND		ug/kg	6.5	0.40	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	0.81	0.27	1
Benzene	ND		ug/kg	0.81	0.27	1
Toluene	ND		ug/kg	1.6	0.88	1
Ethylbenzene	ND		ug/kg	1.6	0.23	1
Chloromethane	ND		ug/kg	6.5	1.5	1
Bromomethane	ND		ug/kg	3.2	0.94	1
Vinyl chloride	ND		ug/kg	1.6	0.54	1
Chloroethane	ND		ug/kg	3.2	0.73	1
1,1-Dichloroethene	ND		ug/kg	1.6	0.38	1
trans-1,2-Dichloroethene	ND		ug/kg	2.4	0.22	1

Project Name: 38 MAIN ST

Lab Number: L2128683

Project Number: 11846

Report Date: 06/17/21

SAMPLE RESULTS

Lab ID: L2128683-04
 Client ID: SB-4 (5.5-6)
 Sample Location: YONKERS, NY

Date Collected: 05/26/21 14:40
 Date Received: 05/28/21
 Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
Trichloroethene	ND		ug/kg	0.81	0.22	1
1,2-Dichlorobenzene	ND		ug/kg	3.2	0.23	1
1,3-Dichlorobenzene	ND		ug/kg	3.2	0.24	1
1,4-Dichlorobenzene	ND		ug/kg	3.2	0.28	1
Methyl tert butyl ether	ND		ug/kg	3.2	0.32	1
p/m-Xylene	ND		ug/kg	3.2	0.91	1
o-Xylene	ND		ug/kg	1.6	0.47	1
Xylenes, Total	ND		ug/kg	1.6	0.47	1
cis-1,2-Dichloroethene	ND		ug/kg	1.6	0.28	1
1,2-Dichloroethene, Total	ND		ug/kg	1.6	0.22	1
Dibromomethane	ND		ug/kg	3.2	0.38	1
Styrene	ND		ug/kg	1.6	0.32	1
Dichlorodifluoromethane	ND		ug/kg	16	1.5	1
Acetone	ND		ug/kg	16	7.8	1
Carbon disulfide	ND		ug/kg	16	7.4	1
2-Butanone	ND		ug/kg	16	3.6	1
Vinyl acetate	ND		ug/kg	16	3.5	1
4-Methyl-2-pentanone	ND		ug/kg	16	2.1	1
1,2,3-Trichloropropane	ND		ug/kg	3.2	0.20	1
2-Hexanone	ND		ug/kg	16	1.9	1
Bromochloromethane	ND		ug/kg	3.2	0.33	1
2,2-Dichloropropane	ND		ug/kg	3.2	0.33	1
1,2-Dibromoethane	ND		ug/kg	1.6	0.45	1
1,3-Dichloropropane	ND		ug/kg	3.2	0.27	1
1,1,1,2-Tetrachloroethane	ND		ug/kg	0.81	0.21	1
Bromobenzene	ND		ug/kg	3.2	0.23	1
n-Butylbenzene	ND		ug/kg	1.6	0.27	1
sec-Butylbenzene	ND		ug/kg	1.6	0.24	1
tert-Butylbenzene	ND		ug/kg	3.2	0.19	1
o-Chlorotoluene	ND		ug/kg	3.2	0.31	1
p-Chlorotoluene	ND		ug/kg	3.2	0.17	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	4.8	1.6	1
Hexachlorobutadiene	ND		ug/kg	6.5	0.27	1
Isopropylbenzene	ND		ug/kg	1.6	0.18	1
p-Isopropyltoluene	ND		ug/kg	1.6	0.18	1
Naphthalene	ND		ug/kg	6.5	1.0	1
Acrylonitrile	ND		ug/kg	6.5	1.9	1

Project Name: 38 MAIN ST

Lab Number: L2128683

Project Number: 11846

Report Date: 06/17/21

SAMPLE RESULTS

Lab ID: L2128683-04
 Client ID: SB-4 (5.5-6)
 Sample Location: YONKERS, NY

Date Collected: 05/26/21 14:40
 Date Received: 05/28/21
 Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
n-Propylbenzene	ND		ug/kg	1.6	0.28	1
1,2,3-Trichlorobenzene	ND		ug/kg	3.2	0.52	1
1,2,4-Trichlorobenzene	ND		ug/kg	3.2	0.44	1
1,3,5-Trimethylbenzene	ND		ug/kg	3.2	0.31	1
1,2,4-Trimethylbenzene	ND		ug/kg	3.2	0.54	1
1,4-Dioxane	ND		ug/kg	130	57.	1
p-Diethylbenzene	ND		ug/kg	3.2	0.29	1
p-Ethyltoluene	ND		ug/kg	3.2	0.62	1
1,2,4,5-Tetramethylbenzene	ND		ug/kg	3.2	0.31	1
Ethyl ether	ND		ug/kg	3.2	0.55	1
trans-1,4-Dichloro-2-butene	ND		ug/kg	8.1	2.3	1

Tentatively Identified Compounds

Total TIC Compounds	11.6	J	ug/kg			1
Cyclotrisiloxane, Hexamethyl-	7.67	NJ	ug/kg			1
Unknown	3.90	J	ug/kg			1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	101		70-130
Toluene-d8	95		70-130
4-Bromofluorobenzene	106		70-130
Dibromofluoromethane	103		70-130

Project Name: 38 MAIN ST

Lab Number: L2128683

Project Number: 11846

Report Date: 06/17/21

SAMPLE RESULTS

Lab ID: L2128683-05
 Client ID: SB-5 (3.5-4)
 Sample Location: YONKERS, NY

Date Collected: 05/26/21 15:00
 Date Received: 05/28/21
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil
 Analytical Method: 1,8260C
 Analytical Date: 06/06/21 21:55
 Analyst: NLK
 Percent Solids: 93%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
Methylene chloride	ND		ug/kg	5.9	2.7	1
1,1-Dichloroethane	ND		ug/kg	1.2	0.17	1
Chloroform	ND		ug/kg	1.8	0.16	1
Carbon tetrachloride	ND		ug/kg	1.2	0.27	1
1,2-Dichloropropane	ND		ug/kg	1.2	0.15	1
Dibromochloromethane	ND		ug/kg	1.2	0.16	1
1,1,2-Trichloroethane	ND		ug/kg	1.2	0.32	1
Tetrachloroethene	ND		ug/kg	0.59	0.23	1
Chlorobenzene	ND		ug/kg	0.59	0.15	1
Trichlorofluoromethane	ND		ug/kg	4.7	0.82	1
1,2-Dichloroethane	ND		ug/kg	1.2	0.30	1
1,1,1-Trichloroethane	ND		ug/kg	0.59	0.20	1
Bromodichloromethane	ND		ug/kg	0.59	0.13	1
trans-1,3-Dichloropropene	ND		ug/kg	1.2	0.32	1
cis-1,3-Dichloropropene	ND		ug/kg	0.59	0.19	1
1,3-Dichloropropene, Total	ND		ug/kg	0.59	0.19	1
1,1-Dichloropropene	ND		ug/kg	0.59	0.19	1
Bromoform	ND		ug/kg	4.7	0.29	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	0.59	0.20	1
Benzene	ND		ug/kg	0.59	0.20	1
Toluene	ND		ug/kg	1.2	0.64	1
Ethylbenzene	ND		ug/kg	1.2	0.17	1
Chloromethane	ND		ug/kg	4.7	1.1	1
Bromomethane	ND		ug/kg	2.4	0.69	1
Vinyl chloride	ND		ug/kg	1.2	0.40	1
Chloroethane	ND		ug/kg	2.4	0.54	1
1,1-Dichloroethene	ND		ug/kg	1.2	0.28	1
trans-1,2-Dichloroethene	ND		ug/kg	1.8	0.16	1

Project Name: 38 MAIN ST

Lab Number: L2128683

Project Number: 11846

Report Date: 06/17/21

SAMPLE RESULTS

Lab ID: L2128683-05
 Client ID: SB-5 (3.5-4)
 Sample Location: YONKERS, NY

Date Collected: 05/26/21 15:00
 Date Received: 05/28/21
 Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
Trichloroethene	ND		ug/kg	0.59	0.16	1
1,2-Dichlorobenzene	ND		ug/kg	2.4	0.17	1
1,3-Dichlorobenzene	ND		ug/kg	2.4	0.18	1
1,4-Dichlorobenzene	ND		ug/kg	2.4	0.20	1
Methyl tert butyl ether	ND		ug/kg	2.4	0.24	1
p/m-Xylene	ND		ug/kg	2.4	0.66	1
o-Xylene	ND		ug/kg	1.2	0.34	1
Xylenes, Total	ND		ug/kg	1.2	0.34	1
cis-1,2-Dichloroethene	ND		ug/kg	1.2	0.21	1
1,2-Dichloroethene, Total	ND		ug/kg	1.2	0.16	1
Dibromomethane	ND		ug/kg	2.4	0.28	1
Styrene	ND		ug/kg	1.2	0.23	1
Dichlorodifluoromethane	ND		ug/kg	12	1.1	1
Acetone	ND		ug/kg	12	5.7	1
Carbon disulfide	ND		ug/kg	12	5.4	1
2-Butanone	ND		ug/kg	12	2.6	1
Vinyl acetate	ND		ug/kg	12	2.5	1
4-Methyl-2-pentanone	ND		ug/kg	12	1.5	1
1,2,3-Trichloropropane	ND		ug/kg	2.4	0.15	1
2-Hexanone	ND		ug/kg	12	1.4	1
Bromochloromethane	ND		ug/kg	2.4	0.24	1
2,2-Dichloropropane	ND		ug/kg	2.4	0.24	1
1,2-Dibromoethane	ND		ug/kg	1.2	0.33	1
1,3-Dichloropropane	ND		ug/kg	2.4	0.20	1
1,1,1,2-Tetrachloroethane	ND		ug/kg	0.59	0.16	1
Bromobenzene	ND		ug/kg	2.4	0.17	1
n-Butylbenzene	ND		ug/kg	1.2	0.20	1
sec-Butylbenzene	ND		ug/kg	1.2	0.17	1
tert-Butylbenzene	ND		ug/kg	2.4	0.14	1
o-Chlorotoluene	ND		ug/kg	2.4	0.23	1
p-Chlorotoluene	ND		ug/kg	2.4	0.13	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	3.6	1.2	1
Hexachlorobutadiene	ND		ug/kg	4.7	0.20	1
Isopropylbenzene	ND		ug/kg	1.2	0.13	1
p-Isopropyltoluene	ND		ug/kg	1.2	0.13	1
Naphthalene	ND		ug/kg	4.7	0.77	1
Acrylonitrile	ND		ug/kg	4.7	1.4	1

Project Name: 38 MAIN ST

Lab Number: L2128683

Project Number: 11846

Report Date: 06/17/21

SAMPLE RESULTS

Lab ID: L2128683-05
 Client ID: SB-5 (3.5-4)
 Sample Location: YONKERS, NY

Date Collected: 05/26/21 15:00
 Date Received: 05/28/21
 Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
n-Propylbenzene	ND		ug/kg	1.2	0.20	1
1,2,3-Trichlorobenzene	ND		ug/kg	2.4	0.38	1
1,2,4-Trichlorobenzene	ND		ug/kg	2.4	0.32	1
1,3,5-Trimethylbenzene	ND		ug/kg	2.4	0.23	1
1,2,4-Trimethylbenzene	ND		ug/kg	2.4	0.40	1
1,4-Dioxane	ND		ug/kg	95	42.	1
p-Diethylbenzene	ND		ug/kg	2.4	0.21	1
p-Ethyltoluene	ND		ug/kg	2.4	0.45	1
1,2,4,5-Tetramethylbenzene	ND		ug/kg	2.4	0.23	1
Ethyl ether	ND		ug/kg	2.4	0.40	1
trans-1,4-Dichloro-2-butene	ND		ug/kg	5.9	1.7	1

Tentatively Identified Compounds

Total TIC Compounds	9.49	J	ug/kg			1
Cyclotrisiloxane, Hexamethyl-	6.15	NJ	ug/kg			1
Unknown	3.34	J	ug/kg			1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	104		70-130
Toluene-d8	103		70-130
4-Bromofluorobenzene	115		70-130
Dibromofluoromethane	105		70-130

Project Name: 38 MAIN ST

Lab Number: L2128683

Project Number: 11846

Report Date: 06/17/21

SAMPLE RESULTS

Lab ID: L2128683-06
 Client ID: SB-5 (6.5-7)
 Sample Location: YONKERS, NY

Date Collected: 05/26/21 15:10
 Date Received: 05/28/21
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil
 Analytical Method: 1,8260C
 Analytical Date: 06/06/21 22:35
 Analyst: NLK
 Percent Solids: 76%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
Methylene chloride	ND		ug/kg	7.3	3.3	1
1,1-Dichloroethane	ND		ug/kg	1.4	0.21	1
Chloroform	ND		ug/kg	2.2	0.20	1
Carbon tetrachloride	ND		ug/kg	1.4	0.33	1
1,2-Dichloropropane	ND		ug/kg	1.4	0.18	1
Dibromochloromethane	ND		ug/kg	1.4	0.20	1
1,1,2-Trichloroethane	ND		ug/kg	1.4	0.39	1
Tetrachloroethene	ND		ug/kg	0.73	0.28	1
Chlorobenzene	ND		ug/kg	0.73	0.18	1
Trichlorofluoromethane	ND		ug/kg	5.8	1.0	1
1,2-Dichloroethane	ND		ug/kg	1.4	0.37	1
1,1,1-Trichloroethane	ND		ug/kg	0.73	0.24	1
Bromodichloromethane	ND		ug/kg	0.73	0.16	1
trans-1,3-Dichloropropene	ND		ug/kg	1.4	0.40	1
cis-1,3-Dichloropropene	ND		ug/kg	0.73	0.23	1
1,3-Dichloropropene, Total	ND		ug/kg	0.73	0.23	1
1,1-Dichloropropene	ND		ug/kg	0.73	0.23	1
Bromoform	ND		ug/kg	5.8	0.36	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	0.73	0.24	1
Benzene	ND		ug/kg	0.73	0.24	1
Toluene	ND		ug/kg	1.4	0.79	1
Ethylbenzene	ND		ug/kg	1.4	0.20	1
Chloromethane	ND		ug/kg	5.8	1.4	1
Bromomethane	ND		ug/kg	2.9	0.84	1
Vinyl chloride	ND		ug/kg	1.4	0.49	1
Chloroethane	ND		ug/kg	2.9	0.66	1
1,1-Dichloroethene	ND		ug/kg	1.4	0.34	1
trans-1,2-Dichloroethene	ND		ug/kg	2.2	0.20	1

Project Name: 38 MAIN ST

Lab Number: L2128683

Project Number: 11846

Report Date: 06/17/21

SAMPLE RESULTS

Lab ID: L2128683-06
 Client ID: SB-5 (6.5-7)
 Sample Location: YONKERS, NY

Date Collected: 05/26/21 15:10
 Date Received: 05/28/21
 Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
Trichloroethene	ND		ug/kg	0.73	0.20	1
1,2-Dichlorobenzene	ND		ug/kg	2.9	0.21	1
1,3-Dichlorobenzene	ND		ug/kg	2.9	0.22	1
1,4-Dichlorobenzene	ND		ug/kg	2.9	0.25	1
Methyl tert butyl ether	ND		ug/kg	2.9	0.29	1
p/m-Xylene	ND		ug/kg	2.9	0.81	1
o-Xylene	ND		ug/kg	1.4	0.42	1
Xylenes, Total	ND		ug/kg	1.4	0.42	1
cis-1,2-Dichloroethene	ND		ug/kg	1.4	0.25	1
1,2-Dichloroethene, Total	ND		ug/kg	1.4	0.20	1
Dibromomethane	ND		ug/kg	2.9	0.34	1
Styrene	ND		ug/kg	1.4	0.28	1
Dichlorodifluoromethane	ND		ug/kg	14	1.3	1
Acetone	ND		ug/kg	14	7.0	1
Carbon disulfide	ND		ug/kg	14	6.6	1
2-Butanone	ND		ug/kg	14	3.2	1
Vinyl acetate	ND		ug/kg	14	3.1	1
4-Methyl-2-pentanone	ND		ug/kg	14	1.8	1
1,2,3-Trichloropropane	ND		ug/kg	2.9	0.18	1
2-Hexanone	ND		ug/kg	14	1.7	1
Bromochloromethane	ND		ug/kg	2.9	0.30	1
2,2-Dichloropropane	ND		ug/kg	2.9	0.29	1
1,2-Dibromoethane	ND		ug/kg	1.4	0.40	1
1,3-Dichloropropane	ND		ug/kg	2.9	0.24	1
1,1,1,2-Tetrachloroethane	ND		ug/kg	0.73	0.19	1
Bromobenzene	ND		ug/kg	2.9	0.21	1
n-Butylbenzene	ND		ug/kg	1.4	0.24	1
sec-Butylbenzene	ND		ug/kg	1.4	0.21	1
tert-Butylbenzene	ND		ug/kg	2.9	0.17	1
o-Chlorotoluene	ND		ug/kg	2.9	0.28	1
p-Chlorotoluene	ND		ug/kg	2.9	0.16	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	4.4	1.4	1
Hexachlorobutadiene	ND		ug/kg	5.8	0.24	1
Isopropylbenzene	ND		ug/kg	1.4	0.16	1
p-Isopropyltoluene	ND		ug/kg	1.4	0.16	1
Naphthalene	1.1	J	ug/kg	5.8	0.94	1
Acrylonitrile	ND		ug/kg	5.8	1.7	1

Project Name: 38 MAIN ST

Lab Number: L2128683

Project Number: 11846

Report Date: 06/17/21

SAMPLE RESULTS

Lab ID: L2128683-06
 Client ID: SB-5 (6.5-7)
 Sample Location: YONKERS, NY

Date Collected: 05/26/21 15:10
 Date Received: 05/28/21
 Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
n-Propylbenzene	ND		ug/kg	1.4	0.25	1
1,2,3-Trichlorobenzene	ND		ug/kg	2.9	0.47	1
1,2,4-Trichlorobenzene	ND		ug/kg	2.9	0.40	1
1,3,5-Trimethylbenzene	ND		ug/kg	2.9	0.28	1
1,2,4-Trimethylbenzene	ND		ug/kg	2.9	0.48	1
1,4-Dioxane	ND		ug/kg	120	51.	1
p-Diethylbenzene	ND		ug/kg	2.9	0.26	1
p-Ethyltoluene	ND		ug/kg	2.9	0.56	1
1,2,4,5-Tetramethylbenzene	ND		ug/kg	2.9	0.28	1
Ethyl ether	ND		ug/kg	2.9	0.50	1
trans-1,4-Dichloro-2-butene	ND		ug/kg	7.3	2.1	1

Tentatively Identified Compounds

Total TIC Compounds	9.82	J	ug/kg			1
Cyclotrisiloxane, Hexamethyl-	6.32	NJ	ug/kg			1
Unknown	3.50	J	ug/kg			1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	101		70-130
Toluene-d8	101		70-130
4-Bromofluorobenzene	105		70-130
Dibromofluoromethane	102		70-130

Project Name: 38 MAIN ST**Lab Number:** L2128683**Project Number:** 11846**Report Date:** 06/17/21**SAMPLE RESULTS**

Lab ID: L2128683-07
 Client ID: SB-1 GW
 Sample Location: YONKERS, NY

Date Collected: 05/26/21 09:00
 Date Received: 05/28/21
 Field Prep: Not Specified

Sample Depth:

Matrix: Water
 Analytical Method: 1,8260C
 Analytical Date: 06/08/21 02:11
 Analyst: PD

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Methylene chloride	ND		ug/l	2.5	0.70	1
1,1-Dichloroethane	ND		ug/l	2.5	0.70	1
Chloroform	4.9		ug/l	2.5	0.70	1
Carbon tetrachloride	ND		ug/l	0.50	0.13	1
1,2-Dichloropropane	ND		ug/l	1.0	0.14	1
Dibromochloromethane	ND		ug/l	0.50	0.15	1
1,1,2-Trichloroethane	ND		ug/l	1.5	0.50	1
Tetrachloroethene	33		ug/l	0.50	0.18	1
Chlorobenzene	ND		ug/l	2.5	0.70	1
Trichlorofluoromethane	ND		ug/l	2.5	0.70	1
1,2-Dichloroethane	ND		ug/l	0.50	0.13	1
1,1,1-Trichloroethane	ND		ug/l	2.5	0.70	1
Bromodichloromethane	ND		ug/l	0.50	0.19	1
trans-1,3-Dichloropropene	ND		ug/l	0.50	0.16	1
cis-1,3-Dichloropropene	ND		ug/l	0.50	0.14	1
1,3-Dichloropropene, Total	ND		ug/l	0.50	0.14	1
1,1-Dichloropropene	ND		ug/l	2.5	0.70	1
Bromoform	ND		ug/l	2.0	0.65	1
1,1,1,2,2-Tetrachloroethane	ND		ug/l	0.50	0.17	1
Benzene	0.20	J	ug/l	0.50	0.16	1
Toluene	15		ug/l	2.5	0.70	1
Ethylbenzene	ND		ug/l	2.5	0.70	1
Chloromethane	ND		ug/l	2.5	0.70	1
Bromomethane	ND		ug/l	2.5	0.70	1
Vinyl chloride	ND		ug/l	1.0	0.07	1
Chloroethane	ND		ug/l	2.5	0.70	1
1,1-Dichloroethene	ND		ug/l	0.50	0.17	1
trans-1,2-Dichloroethene	ND		ug/l	2.5	0.70	1

Project Name: 38 MAIN ST

Lab Number: L2128683

Project Number: 11846

Report Date: 06/17/21

SAMPLE RESULTS

Lab ID: L2128683-07
 Client ID: SB-1 GW
 Sample Location: YONKERS, NY

Date Collected: 05/26/21 09:00
 Date Received: 05/28/21
 Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Trichloroethene	3.2		ug/l	0.50	0.18	1
1,2-Dichlorobenzene	ND		ug/l	2.5	0.70	1
1,3-Dichlorobenzene	ND		ug/l	2.5	0.70	1
1,4-Dichlorobenzene	ND		ug/l	2.5	0.70	1
Methyl tert butyl ether	ND		ug/l	2.5	0.70	1
p/m-Xylene	ND		ug/l	2.5	0.70	1
o-Xylene	ND		ug/l	2.5	0.70	1
Xylenes, Total	ND		ug/l	2.5	0.70	1
cis-1,2-Dichloroethene	3.3		ug/l	2.5	0.70	1
1,2-Dichloroethene, Total	3.3		ug/l	2.5	0.70	1
Dibromomethane	ND		ug/l	5.0	1.0	1
1,2,3-Trichloropropane	ND		ug/l	2.5	0.70	1
Acrylonitrile	ND		ug/l	5.0	1.5	1
Styrene	ND		ug/l	2.5	0.70	1
Dichlorodifluoromethane	ND		ug/l	5.0	1.0	1
Acetone	6.4		ug/l	5.0	1.5	1
Carbon disulfide	ND		ug/l	5.0	1.0	1
2-Butanone	ND		ug/l	5.0	1.9	1
Vinyl acetate	ND		ug/l	5.0	1.0	1
4-Methyl-2-pentanone	ND		ug/l	5.0	1.0	1
2-Hexanone	ND		ug/l	5.0	1.0	1
Bromochloromethane	ND		ug/l	2.5	0.70	1
2,2-Dichloropropane	ND		ug/l	2.5	0.70	1
1,2-Dibromoethane	ND		ug/l	2.0	0.65	1
1,3-Dichloropropane	ND		ug/l	2.5	0.70	1
1,1,1,2-Tetrachloroethane	ND		ug/l	2.5	0.70	1
Bromobenzene	ND		ug/l	2.5	0.70	1
n-Butylbenzene	ND		ug/l	2.5	0.70	1
sec-Butylbenzene	ND		ug/l	2.5	0.70	1
tert-Butylbenzene	ND		ug/l	2.5	0.70	1
o-Chlorotoluene	ND		ug/l	2.5	0.70	1
p-Chlorotoluene	ND		ug/l	2.5	0.70	1
1,2-Dibromo-3-chloropropane	ND		ug/l	2.5	0.70	1
Hexachlorobutadiene	ND		ug/l	2.5	0.70	1
Isopropylbenzene	ND		ug/l	2.5	0.70	1
p-Isopropyltoluene	ND		ug/l	2.5	0.70	1
Naphthalene	ND		ug/l	2.5	0.70	1

Project Name: 38 MAIN ST
Project Number: 11846

Lab Number: L2128683
Report Date: 06/17/21

SAMPLE RESULTS

Lab ID: L2128683-07
 Client ID: SB-1 GW
 Sample Location: YONKERS, NY

Date Collected: 05/26/21 09:00
 Date Received: 05/28/21
 Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
n-Propylbenzene	ND		ug/l	2.5	0.70	1
1,2,3-Trichlorobenzene	ND		ug/l	2.5	0.70	1
1,2,4-Trichlorobenzene	ND		ug/l	2.5	0.70	1
1,3,5-Trimethylbenzene	ND		ug/l	2.5	0.70	1
1,2,4-Trimethylbenzene	ND		ug/l	2.5	0.70	1
1,4-Dioxane	ND		ug/l	250	61.	1
p-Diethylbenzene	ND		ug/l	2.0	0.70	1
p-Ethyltoluene	ND		ug/l	2.0	0.70	1
1,2,4,5-Tetramethylbenzene	ND		ug/l	2.0	0.54	1
Ethyl ether	ND		ug/l	2.5	0.70	1
trans-1,4-Dichloro-2-butene	ND		ug/l	2.5	0.70	1

Tentatively Identified Compounds

Total TIC Compounds	9.64	J	ug/l			1
Cyclopropane, ethyl-	1.58	NJ	ug/l			1
Propene	8.06	NJ	ug/l			1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	105		70-130
Toluene-d8	111		70-130
4-Bromofluorobenzene	119		70-130
Dibromofluoromethane	92		70-130

Project Name: 38 MAIN ST

Lab Number: L2128683

Project Number: 11846

Report Date: 06/17/21

SAMPLE RESULTS

Lab ID: L2128683-08
 Client ID: SB-3 GW
 Sample Location: YONKERS, NY

Date Collected: 05/26/21 10:30
 Date Received: 05/28/21
 Field Prep: Not Specified

Sample Depth:

Matrix: Water
 Analytical Method: 1,8260C
 Analytical Date: 06/08/21 02:34
 Analyst: PD

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Methylene chloride	ND		ug/l	2.5	0.70	1
1,1-Dichloroethane	ND		ug/l	2.5	0.70	1
Chloroform	6.3		ug/l	2.5	0.70	1
Carbon tetrachloride	ND		ug/l	0.50	0.13	1
1,2-Dichloropropane	ND		ug/l	1.0	0.14	1
Dibromochloromethane	ND		ug/l	0.50	0.15	1
1,1,2-Trichloroethane	ND		ug/l	1.5	0.50	1
Tetrachloroethene	9.8		ug/l	0.50	0.18	1
Chlorobenzene	ND		ug/l	2.5	0.70	1
Trichlorofluoromethane	ND		ug/l	2.5	0.70	1
1,2-Dichloroethane	ND		ug/l	0.50	0.13	1
1,1,1-Trichloroethane	ND		ug/l	2.5	0.70	1
Bromodichloromethane	ND		ug/l	0.50	0.19	1
trans-1,3-Dichloropropene	ND		ug/l	0.50	0.16	1
cis-1,3-Dichloropropene	ND		ug/l	0.50	0.14	1
1,3-Dichloropropene, Total	ND		ug/l	0.50	0.14	1
1,1-Dichloropropene	ND		ug/l	2.5	0.70	1
Bromoform	ND		ug/l	2.0	0.65	1
1,1,1,2,2-Tetrachloroethane	ND		ug/l	0.50	0.17	1
Benzene	ND		ug/l	0.50	0.16	1
Toluene	ND		ug/l	2.5	0.70	1
Ethylbenzene	ND		ug/l	2.5	0.70	1
Chloromethane	ND		ug/l	2.5	0.70	1
Bromomethane	ND		ug/l	2.5	0.70	1
Vinyl chloride	ND		ug/l	1.0	0.07	1
Chloroethane	ND		ug/l	2.5	0.70	1
1,1-Dichloroethene	ND		ug/l	0.50	0.17	1
trans-1,2-Dichloroethene	ND		ug/l	2.5	0.70	1

Project Name: 38 MAIN ST

Lab Number: L2128683

Project Number: 11846

Report Date: 06/17/21

SAMPLE RESULTS

Lab ID: L2128683-08
 Client ID: SB-3 GW
 Sample Location: YONKERS, NY

Date Collected: 05/26/21 10:30
 Date Received: 05/28/21
 Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Trichloroethene	1.1		ug/l	0.50	0.18	1
1,2-Dichlorobenzene	ND		ug/l	2.5	0.70	1
1,3-Dichlorobenzene	ND		ug/l	2.5	0.70	1
1,4-Dichlorobenzene	ND		ug/l	2.5	0.70	1
Methyl tert butyl ether	ND		ug/l	2.5	0.70	1
p/m-Xylene	ND		ug/l	2.5	0.70	1
o-Xylene	ND		ug/l	2.5	0.70	1
Xylenes, Total	ND		ug/l	2.5	0.70	1
cis-1,2-Dichloroethene	1.0	J	ug/l	2.5	0.70	1
1,2-Dichloroethene, Total	1.0	J	ug/l	2.5	0.70	1
Dibromomethane	ND		ug/l	5.0	1.0	1
1,2,3-Trichloropropane	ND		ug/l	2.5	0.70	1
Acrylonitrile	ND		ug/l	5.0	1.5	1
Styrene	ND		ug/l	2.5	0.70	1
Dichlorodifluoromethane	ND		ug/l	5.0	1.0	1
Acetone	2.8	J	ug/l	5.0	1.5	1
Carbon disulfide	ND		ug/l	5.0	1.0	1
2-Butanone	ND		ug/l	5.0	1.9	1
Vinyl acetate	ND		ug/l	5.0	1.0	1
4-Methyl-2-pentanone	ND		ug/l	5.0	1.0	1
2-Hexanone	ND		ug/l	5.0	1.0	1
Bromochloromethane	ND		ug/l	2.5	0.70	1
2,2-Dichloropropane	ND		ug/l	2.5	0.70	1
1,2-Dibromoethane	ND		ug/l	2.0	0.65	1
1,3-Dichloropropane	ND		ug/l	2.5	0.70	1
1,1,1,2-Tetrachloroethane	ND		ug/l	2.5	0.70	1
Bromobenzene	ND		ug/l	2.5	0.70	1
n-Butylbenzene	ND		ug/l	2.5	0.70	1
sec-Butylbenzene	ND		ug/l	2.5	0.70	1
tert-Butylbenzene	ND		ug/l	2.5	0.70	1
o-Chlorotoluene	ND		ug/l	2.5	0.70	1
p-Chlorotoluene	ND		ug/l	2.5	0.70	1
1,2-Dibromo-3-chloropropane	ND		ug/l	2.5	0.70	1
Hexachlorobutadiene	ND		ug/l	2.5	0.70	1
Isopropylbenzene	ND		ug/l	2.5	0.70	1
p-Isopropyltoluene	ND		ug/l	2.5	0.70	1
Naphthalene	ND		ug/l	2.5	0.70	1

Project Name: 38 MAIN ST

Lab Number: L2128683

Project Number: 11846

Report Date: 06/17/21

SAMPLE RESULTS

Lab ID: L2128683-08
 Client ID: SB-3 GW
 Sample Location: YONKERS, NY

Date Collected: 05/26/21 10:30
 Date Received: 05/28/21
 Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
n-Propylbenzene	ND		ug/l	2.5	0.70	1
1,2,3-Trichlorobenzene	ND		ug/l	2.5	0.70	1
1,2,4-Trichlorobenzene	ND		ug/l	2.5	0.70	1
1,3,5-Trimethylbenzene	ND		ug/l	2.5	0.70	1
1,2,4-Trimethylbenzene	ND		ug/l	2.5	0.70	1
1,4-Dioxane	ND		ug/l	250	61.	1
p-Diethylbenzene	ND		ug/l	2.0	0.70	1
p-Ethyltoluene	ND		ug/l	2.0	0.70	1
1,2,4,5-Tetramethylbenzene	ND		ug/l	2.0	0.54	1
Ethyl ether	ND		ug/l	2.5	0.70	1
trans-1,4-Dichloro-2-butene	ND		ug/l	2.5	0.70	1

Tentatively Identified Compounds

Total TIC Compounds	1.07	J	ug/l			1
Nonanal	1.07	NJ	ug/l			1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	106		70-130
Toluene-d8	110		70-130
4-Bromofluorobenzene	119		70-130
Dibromofluoromethane	92		70-130

Project Name: 38 MAIN ST

Lab Number: L2128683

Project Number: 11846

Report Date: 06/17/21

SAMPLE RESULTS

Lab ID: L2128683-09
 Client ID: TRIP BLANK
 Sample Location: YONKERS, NY

Date Collected: 05/26/21 17:00
 Date Received: 05/28/21
 Field Prep: Not Specified

Sample Depth:

Matrix: Water
 Analytical Method: 1,8260C
 Analytical Date: 06/11/21 13:02
 Analyst: PD

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

Project Name: 38 MAIN ST

Lab Number: L2128683

Project Number: 11846

Report Date: 06/17/21

SAMPLE RESULTS

Lab ID: L2128683-09
 Client ID: TRIP BLANK
 Sample Location: YONKERS, NY

Date Collected: 05/26/21 17:00
 Date Received: 05/28/21
 Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Trichloroethene	ND		ug/l	0.50	0.18	1
1,2-Dichlorobenzene	ND		ug/l	2.5	0.70	1
1,3-Dichlorobenzene	ND		ug/l	2.5	0.70	1
1,4-Dichlorobenzene	ND		ug/l	2.5	0.70	1
Methyl tert butyl ether	ND		ug/l	2.5	0.70	1
p/m-Xylene	ND		ug/l	2.5	0.70	1
o-Xylene	ND		ug/l	2.5	0.70	1
Xylenes, Total	ND		ug/l	2.5	0.70	1
cis-1,2-Dichloroethene	ND		ug/l	2.5	0.70	1
1,2-Dichloroethene, Total	ND		ug/l	2.5	0.70	1
Dibromomethane	ND		ug/l	5.0	1.0	1
1,2,3-Trichloropropane	ND		ug/l	2.5	0.70	1
Acrylonitrile	ND		ug/l	5.0	1.5	1
Styrene	ND		ug/l	2.5	0.70	1
Dichlorodifluoromethane	ND		ug/l	5.0	1.0	1
Acetone	ND		ug/l	5.0	1.5	1
Carbon disulfide	ND		ug/l	5.0	1.0	1
2-Butanone	ND		ug/l	5.0	1.9	1
Vinyl acetate	ND		ug/l	5.0	1.0	1
4-Methyl-2-pentanone	ND		ug/l	5.0	1.0	1
2-Hexanone	ND		ug/l	5.0	1.0	1
Bromochloromethane	ND		ug/l	2.5	0.70	1
2,2-Dichloropropane	ND		ug/l	2.5	0.70	1
1,2-Dibromoethane	ND		ug/l	2.0	0.65	1
1,3-Dichloropropane	ND		ug/l	2.5	0.70	1
1,1,1,2-Tetrachloroethane	ND		ug/l	2.5	0.70	1
Bromobenzene	ND		ug/l	2.5	0.70	1
n-Butylbenzene	ND		ug/l	2.5	0.70	1
sec-Butylbenzene	ND		ug/l	2.5	0.70	1
tert-Butylbenzene	ND		ug/l	2.5	0.70	1
o-Chlorotoluene	ND		ug/l	2.5	0.70	1
p-Chlorotoluene	ND		ug/l	2.5	0.70	1
1,2-Dibromo-3-chloropropane	ND		ug/l	2.5	0.70	1
Hexachlorobutadiene	ND		ug/l	2.5	0.70	1
Isopropylbenzene	ND		ug/l	2.5	0.70	1
p-Isopropyltoluene	ND		ug/l	2.5	0.70	1
Naphthalene	ND		ug/l	2.5	0.70	1

Project Name: 38 MAIN ST

Lab Number: L2128683

Project Number: 11846

Report Date: 06/17/21

SAMPLE RESULTS

Lab ID: L2128683-09
 Client ID: TRIP BLANK
 Sample Location: YONKERS, NY

Date Collected: 05/26/21 17:00
 Date Received: 05/28/21
 Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
n-Propylbenzene	ND		ug/l	2.5	0.70	1
1,2,3-Trichlorobenzene	ND		ug/l	2.5	0.70	1
1,2,4-Trichlorobenzene	ND		ug/l	2.5	0.70	1
1,3,5-Trimethylbenzene	ND		ug/l	2.5	0.70	1
1,2,4-Trimethylbenzene	ND		ug/l	2.5	0.70	1
1,4-Dioxane	ND		ug/l	250	61.	1
p-Diethylbenzene	ND		ug/l	2.0	0.70	1
p-Ethyltoluene	ND		ug/l	2.0	0.70	1
1,2,4,5-Tetramethylbenzene	ND		ug/l	2.0	0.54	1
Ethyl ether	ND		ug/l	2.5	0.70	1
trans-1,4-Dichloro-2-butene	ND		ug/l	2.5	0.70	1

Tentatively Identified Compounds

No Tentatively Identified Compounds ND ug/l 1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	110		70-130
Toluene-d8	97		70-130
4-Bromofluorobenzene	99		70-130
Dibromofluoromethane	109		70-130

Project Name: 38 MAIN ST
Project Number: 11846

Lab Number: L2128683
Report Date: 06/17/21

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260C
Analytical Date: 06/07/21 13:48
Analyst: MV

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by EPA 5035 Low - Westborough Lab for sample(s): 04 Batch: WG1508431-10					
Methylene chloride	ND		ug/kg	5.0	2.3
1,1-Dichloroethane	ND		ug/kg	1.0	0.14
Chloroform	ND		ug/kg	1.5	0.14
Carbon tetrachloride	ND		ug/kg	1.0	0.23
1,2-Dichloropropane	ND		ug/kg	1.0	0.12
Dibromochloromethane	ND		ug/kg	1.0	0.14
1,1,2-Trichloroethane	ND		ug/kg	1.0	0.27
Tetrachloroethene	ND		ug/kg	0.50	0.20
Chlorobenzene	ND		ug/kg	0.50	0.13
Trichlorofluoromethane	ND		ug/kg	4.0	0.70
1,2-Dichloroethane	ND		ug/kg	1.0	0.26
1,1,1-Trichloroethane	ND		ug/kg	0.50	0.17
Bromodichloromethane	ND		ug/kg	0.50	0.11
trans-1,3-Dichloropropene	ND		ug/kg	1.0	0.27
cis-1,3-Dichloropropene	ND		ug/kg	0.50	0.16
1,3-Dichloropropene, Total	ND		ug/kg	0.50	0.16
1,1-Dichloropropene	ND		ug/kg	0.50	0.16
Bromoform	ND		ug/kg	4.0	0.25
1,1,2,2-Tetrachloroethane	ND		ug/kg	0.50	0.17
Benzene	ND		ug/kg	0.50	0.17
Toluene	ND		ug/kg	1.0	0.54
Ethylbenzene	0.14	J	ug/kg	1.0	0.14
Chloromethane	ND		ug/kg	4.0	0.93
Bromomethane	ND		ug/kg	2.0	0.58
Vinyl chloride	ND		ug/kg	1.0	0.34
Chloroethane	ND		ug/kg	2.0	0.45
1,1-Dichloroethene	ND		ug/kg	1.0	0.24
trans-1,2-Dichloroethene	ND		ug/kg	1.5	0.14
Trichloroethene	ND		ug/kg	0.50	0.14

Project Name: 38 MAIN ST
Project Number: 11846

Lab Number: L2128683
Report Date: 06/17/21

Method Blank Analysis Batch Quality Control

Analytical Method: 1,8260C
Analytical Date: 06/07/21 13:48
Analyst: MV

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by EPA 5035 Low - Westborough Lab for sample(s): 04 Batch: WG1508431-10					
1,2-Dichlorobenzene	ND		ug/kg	2.0	0.14
1,3-Dichlorobenzene	ND		ug/kg	2.0	0.15
1,4-Dichlorobenzene	ND		ug/kg	2.0	0.17
Methyl tert butyl ether	ND		ug/kg	2.0	0.20
p/m-Xylene	ND		ug/kg	2.0	0.56
o-Xylene	ND		ug/kg	1.0	0.29
Xylenes, Total	ND		ug/kg	1.0	0.29
cis-1,2-Dichloroethene	ND		ug/kg	1.0	0.18
1,2-Dichloroethene, Total	ND		ug/kg	1.0	0.14
Dibromomethane	ND		ug/kg	2.0	0.24
Styrene	0.41	J	ug/kg	1.0	0.20
Dichlorodifluoromethane	ND		ug/kg	10	0.92
Acetone	ND		ug/kg	10	4.8
Carbon disulfide	ND		ug/kg	10	4.6
2-Butanone	ND		ug/kg	10	2.2
Vinyl acetate	ND		ug/kg	10	2.2
4-Methyl-2-pentanone	ND		ug/kg	10	1.3
1,2,3-Trichloropropane	ND		ug/kg	2.0	0.13
2-Hexanone	ND		ug/kg	10	1.2
Bromochloromethane	ND		ug/kg	2.0	0.20
2,2-Dichloropropane	ND		ug/kg	2.0	0.20
1,2-Dibromoethane	ND		ug/kg	1.0	0.28
1,3-Dichloropropane	ND		ug/kg	2.0	0.17
1,1,1,2-Tetrachloroethane	ND		ug/kg	0.50	0.13
Bromobenzene	ND		ug/kg	2.0	0.14
n-Butylbenzene	ND		ug/kg	1.0	0.17
sec-Butylbenzene	ND		ug/kg	1.0	0.15
tert-Butylbenzene	ND		ug/kg	2.0	0.12
o-Chlorotoluene	ND		ug/kg	2.0	0.19

Project Name: 38 MAIN ST
Project Number: 11846

Lab Number: L2128683
Report Date: 06/17/21

Method Blank Analysis Batch Quality Control

Analytical Method: 1,8260C
Analytical Date: 06/07/21 13:48
Analyst: MV

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by EPA 5035 Low - Westborough Lab for sample(s): 04 Batch: WG1508431-10					
p-Chlorotoluene	ND		ug/kg	2.0	0.11
1,2-Dibromo-3-chloropropane	ND		ug/kg	3.0	1.0
Hexachlorobutadiene	ND		ug/kg	4.0	0.17
Isopropylbenzene	ND		ug/kg	1.0	0.11
p-Isopropyltoluene	ND		ug/kg	1.0	0.11
Naphthalene	ND		ug/kg	4.0	0.65
Acrylonitrile	ND		ug/kg	4.0	1.2
n-Propylbenzene	ND		ug/kg	1.0	0.17
1,2,3-Trichlorobenzene	ND		ug/kg	2.0	0.32
1,2,4-Trichlorobenzene	ND		ug/kg	2.0	0.27
1,3,5-Trimethylbenzene	ND		ug/kg	2.0	0.19
1,2,4-Trimethylbenzene	ND		ug/kg	2.0	0.33
1,4-Dioxane	ND		ug/kg	80	35.
p-Diethylbenzene	ND		ug/kg	2.0	0.18
p-Ethyltoluene	ND		ug/kg	2.0	0.38
1,2,4,5-Tetramethylbenzene	ND		ug/kg	2.0	0.19
Ethyl ether	ND		ug/kg	2.0	0.34
trans-1,4-Dichloro-2-butene	ND		ug/kg	5.0	1.4

Tentatively Identified Compounds

Total TIC Compounds	22.4	J	ug/kg
Unknown	3.13	J	ug/kg
Butane, 2-Methyl-	4.42	NJ	ug/kg
Unknown	5.61	J	ug/kg
Cyclotrisiloxane, Hexamethyl-	9.28	NJ	ug/kg

Project Name: 38 MAIN ST
Project Number: 11846

Lab Number: L2128683
Report Date: 06/17/21

**Method Blank Analysis
Batch Quality Control**

Analytical Method: 1,8260C
Analytical Date: 06/07/21 13:48
Analyst: MV

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by EPA 5035 Low - Westborough Lab for sample(s): 04 Batch: WG1508431-10					

Surrogate	%Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	102		70-130
Toluene-d8	97		70-130
4-Bromofluorobenzene	97		70-130
Dibromofluoromethane	103		70-130

Project Name: 38 MAIN ST
Project Number: 11846

Lab Number: L2128683
Report Date: 06/17/21

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260C
Analytical Date: 06/06/21 14:04
Analyst: AJK

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by EPA 5035 Low - Westborough Lab for sample(s): 01-03,05-06 Batch: WG1508431-5					
Methylene chloride	ND		ug/kg	5.0	2.3
1,1-Dichloroethane	ND		ug/kg	1.0	0.14
Chloroform	ND		ug/kg	1.5	0.14
Carbon tetrachloride	ND		ug/kg	1.0	0.23
1,2-Dichloropropane	ND		ug/kg	1.0	0.12
Dibromochloromethane	ND		ug/kg	1.0	0.14
1,1,2-Trichloroethane	ND		ug/kg	1.0	0.27
Tetrachloroethene	ND		ug/kg	0.50	0.20
Chlorobenzene	ND		ug/kg	0.50	0.13
Trichlorofluoromethane	ND		ug/kg	4.0	0.70
1,2-Dichloroethane	ND		ug/kg	1.0	0.26
1,1,1-Trichloroethane	ND		ug/kg	0.50	0.17
Bromodichloromethane	ND		ug/kg	0.50	0.11
trans-1,3-Dichloropropene	ND		ug/kg	1.0	0.27
cis-1,3-Dichloropropene	ND		ug/kg	0.50	0.16
1,3-Dichloropropene, Total	ND		ug/kg	0.50	0.16
1,1-Dichloropropene	ND		ug/kg	0.50	0.16
Bromoform	ND		ug/kg	4.0	0.25
1,1,2,2-Tetrachloroethane	ND		ug/kg	0.50	0.17
Benzene	ND		ug/kg	0.50	0.17
Toluene	ND		ug/kg	1.0	0.54
Ethylbenzene	0.22	J	ug/kg	1.0	0.14
Chloromethane	ND		ug/kg	4.0	0.93
Bromomethane	ND		ug/kg	2.0	0.58
Vinyl chloride	ND		ug/kg	1.0	0.34
Chloroethane	ND		ug/kg	2.0	0.45
1,1-Dichloroethene	ND		ug/kg	1.0	0.24
trans-1,2-Dichloroethene	ND		ug/kg	1.5	0.14
Trichloroethene	ND		ug/kg	0.50	0.14

Project Name: 38 MAIN ST
Project Number: 11846

Lab Number: L2128683
Report Date: 06/17/21

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260C
Analytical Date: 06/06/21 14:04
Analyst: AJK

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by EPA 5035 Low - Westborough Lab for sample(s): 01-03,05-06 Batch: WG1508431-5					
1,2-Dichlorobenzene	ND		ug/kg	2.0	0.14
1,3-Dichlorobenzene	ND		ug/kg	2.0	0.15
1,4-Dichlorobenzene	ND		ug/kg	2.0	0.17
Methyl tert butyl ether	ND		ug/kg	2.0	0.20
p/m-Xylene	ND		ug/kg	2.0	0.56
o-Xylene	ND		ug/kg	1.0	0.29
Xylenes, Total	ND		ug/kg	1.0	0.29
cis-1,2-Dichloroethene	ND		ug/kg	1.0	0.18
1,2-Dichloroethene, Total	ND		ug/kg	1.0	0.14
Dibromomethane	ND		ug/kg	2.0	0.24
Styrene	0.62	J	ug/kg	1.0	0.20
Dichlorodifluoromethane	ND		ug/kg	10	0.92
Acetone	ND		ug/kg	10	4.8
Carbon disulfide	ND		ug/kg	10	4.6
2-Butanone	ND		ug/kg	10	2.2
Vinyl acetate	ND		ug/kg	10	2.2
4-Methyl-2-pentanone	ND		ug/kg	10	1.3
1,2,3-Trichloropropane	ND		ug/kg	2.0	0.13
2-Hexanone	ND		ug/kg	10	1.2
Bromochloromethane	ND		ug/kg	2.0	0.20
2,2-Dichloropropane	ND		ug/kg	2.0	0.20
1,2-Dibromoethane	ND		ug/kg	1.0	0.28
1,3-Dichloropropane	ND		ug/kg	2.0	0.17
1,1,1,2-Tetrachloroethane	ND		ug/kg	0.50	0.13
Bromobenzene	ND		ug/kg	2.0	0.14
n-Butylbenzene	ND		ug/kg	1.0	0.17
sec-Butylbenzene	ND		ug/kg	1.0	0.15
tert-Butylbenzene	ND		ug/kg	2.0	0.12
o-Chlorotoluene	ND		ug/kg	2.0	0.19

Project Name: 38 MAIN ST
Project Number: 11846

Lab Number: L2128683
Report Date: 06/17/21

Method Blank Analysis Batch Quality Control

Analytical Method: 1,8260C
Analytical Date: 06/06/21 14:04
Analyst: AJK

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by EPA 5035 Low - Westborough Lab for sample(s): 01-03,05-06 Batch: WG1508431-5					
p-Chlorotoluene	ND		ug/kg	2.0	0.11
1,2-Dibromo-3-chloropropane	ND		ug/kg	3.0	1.0
Hexachlorobutadiene	0.22	J	ug/kg	4.0	0.17
Isopropylbenzene	ND		ug/kg	1.0	0.11
p-Isopropyltoluene	ND		ug/kg	1.0	0.11
Naphthalene	ND		ug/kg	4.0	0.65
Acrylonitrile	ND		ug/kg	4.0	1.2
n-Propylbenzene	ND		ug/kg	1.0	0.17
1,2,3-Trichlorobenzene	0.41	J	ug/kg	2.0	0.32
1,2,4-Trichlorobenzene	0.36	J	ug/kg	2.0	0.27
1,3,5-Trimethylbenzene	ND		ug/kg	2.0	0.19
1,2,4-Trimethylbenzene	ND		ug/kg	2.0	0.33
1,4-Dioxane	ND		ug/kg	80	35.
p-Diethylbenzene	ND		ug/kg	2.0	0.18
p-Ethyltoluene	ND		ug/kg	2.0	0.38
1,2,4,5-Tetramethylbenzene	ND		ug/kg	2.0	0.19
Ethyl ether	ND		ug/kg	2.0	0.34
trans-1,4-Dichloro-2-butene	ND		ug/kg	5.0	1.4

Tentatively Identified Compounds

Total TIC Compounds	26.4	J	ug/kg
Unknown	6.01	J	ug/kg
Butane, 2-Methyl-	4.89	NJ	ug/kg
Unknown	2.68	J	ug/kg
Unknown	2.63	J	ug/kg

Project Name: 38 MAIN ST
Project Number: 11846

Lab Number: L2128683
Report Date: 06/17/21

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260C
Analytical Date: 06/06/21 14:04
Analyst: AJK

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by EPA 5035 Low - Westborough Lab for sample(s): 01-03,05-06 Batch: WG1508431-5					

Tentatively Identified Compounds

Cyclotrisiloxane, Hexamethyl-	10.2	NJ	ug/kg		
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Surrogate	%Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	97		70-130
Toluene-d8	100		70-130
4-Bromofluorobenzene	91		70-130
Dibromofluoromethane	102		70-130

Project Name: 38 MAIN ST
Project Number: 11846

Lab Number: L2128683
Report Date: 06/17/21

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260C
Analytical Date: 06/07/21 21:33
Analyst: PD

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 07-08 Batch: WG1509177-5					
Methylene chloride	ND		ug/l	2.5	0.70
1,1-Dichloroethane	ND		ug/l	2.5	0.70
Chloroform	ND		ug/l	2.5	0.70
Carbon tetrachloride	ND		ug/l	0.50	0.13
1,2-Dichloropropane	ND		ug/l	1.0	0.14
Dibromochloromethane	ND		ug/l	0.50	0.15
1,1,2-Trichloroethane	ND		ug/l	1.5	0.50
Tetrachloroethene	ND		ug/l	0.50	0.18
Chlorobenzene	ND		ug/l	2.5	0.70
Trichlorofluoromethane	ND		ug/l	2.5	0.70
1,2-Dichloroethane	ND		ug/l	0.50	0.13
1,1,1-Trichloroethane	ND		ug/l	2.5	0.70
Bromodichloromethane	ND		ug/l	0.50	0.19
trans-1,3-Dichloropropene	ND		ug/l	0.50	0.16
cis-1,3-Dichloropropene	ND		ug/l	0.50	0.14
1,3-Dichloropropene, Total	ND		ug/l	0.50	0.14
1,1-Dichloropropene	ND		ug/l	2.5	0.70
Bromoform	ND		ug/l	2.0	0.65
1,1,2,2-Tetrachloroethane	ND		ug/l	0.50	0.17
Benzene	ND		ug/l	0.50	0.16
Toluene	ND		ug/l	2.5	0.70
Ethylbenzene	ND		ug/l	2.5	0.70
Chloromethane	ND		ug/l	2.5	0.70
Bromomethane	ND		ug/l	2.5	0.70
Vinyl chloride	ND		ug/l	1.0	0.07
Chloroethane	ND		ug/l	2.5	0.70
1,1-Dichloroethene	ND		ug/l	0.50	0.17
trans-1,2-Dichloroethene	ND		ug/l	2.5	0.70
Trichloroethene	ND		ug/l	0.50	0.18

Project Name: 38 MAIN ST
Project Number: 11846

Lab Number: L2128683
Report Date: 06/17/21

**Method Blank Analysis
Batch Quality Control**

Analytical Method: 1,8260C
Analytical Date: 06/07/21 21:33
Analyst: PD

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 07-08 Batch: WG1509177-5					
1,2-Dichlorobenzene	ND		ug/l	2.5	0.70
1,3-Dichlorobenzene	ND		ug/l	2.5	0.70
1,4-Dichlorobenzene	ND		ug/l	2.5	0.70
Methyl tert butyl ether	ND		ug/l	2.5	0.70
p/m-Xylene	ND		ug/l	2.5	0.70
o-Xylene	ND		ug/l	2.5	0.70
Xylenes, Total	ND		ug/l	2.5	0.70
cis-1,2-Dichloroethene	ND		ug/l	2.5	0.70
1,2-Dichloroethene, Total	ND		ug/l	2.5	0.70
Dibromomethane	ND		ug/l	5.0	1.0
1,2,3-Trichloropropane	ND		ug/l	2.5	0.70
Acrylonitrile	ND		ug/l	5.0	1.5
Styrene	ND		ug/l	2.5	0.70
Dichlorodifluoromethane	ND		ug/l	5.0	1.0
Acetone	ND		ug/l	5.0	1.5
Carbon disulfide	ND		ug/l	5.0	1.0
2-Butanone	ND		ug/l	5.0	1.9
Vinyl acetate	ND		ug/l	5.0	1.0
4-Methyl-2-pentanone	ND		ug/l	5.0	1.0
2-Hexanone	ND		ug/l	5.0	1.0
Bromochloromethane	ND		ug/l	2.5	0.70
2,2-Dichloropropane	ND		ug/l	2.5	0.70
1,2-Dibromoethane	ND		ug/l	2.0	0.65
1,3-Dichloropropane	ND		ug/l	2.5	0.70
1,1,1,2-Tetrachloroethane	ND		ug/l	2.5	0.70
Bromobenzene	ND		ug/l	2.5	0.70
n-Butylbenzene	ND		ug/l	2.5	0.70
sec-Butylbenzene	ND		ug/l	2.5	0.70
tert-Butylbenzene	ND		ug/l	2.5	0.70

Project Name: 38 MAIN ST
Project Number: 11846

Lab Number: L2128683
Report Date: 06/17/21

Method Blank Analysis Batch Quality Control

Analytical Method: 1,8260C
Analytical Date: 06/07/21 21:33
Analyst: PD

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 07-08 Batch: WG1509177-5					
o-Chlorotoluene	ND		ug/l	2.5	0.70
p-Chlorotoluene	ND		ug/l	2.5	0.70
1,2-Dibromo-3-chloropropane	ND		ug/l	2.5	0.70
Hexachlorobutadiene	ND		ug/l	2.5	0.70
Isopropylbenzene	ND		ug/l	2.5	0.70
p-Isopropyltoluene	ND		ug/l	2.5	0.70
Naphthalene	ND		ug/l	2.5	0.70
n-Propylbenzene	ND		ug/l	2.5	0.70
1,2,3-Trichlorobenzene	ND		ug/l	2.5	0.70
1,2,4-Trichlorobenzene	ND		ug/l	2.5	0.70
1,3,5-Trimethylbenzene	ND		ug/l	2.5	0.70
1,2,4-Trimethylbenzene	ND		ug/l	2.5	0.70
1,4-Dioxane	ND		ug/l	250	61.
p-Diethylbenzene	ND		ug/l	2.0	0.70
p-Ethyltoluene	ND		ug/l	2.0	0.70
1,2,4,5-Tetramethylbenzene	ND		ug/l	2.0	0.54
Ethyl ether	ND		ug/l	2.5	0.70
trans-1,4-Dichloro-2-butene	ND		ug/l	2.5	0.70

Tentatively Identified Compounds

Total TIC Compounds	1.09	J	ug/l
Unknown	1.09	J	ug/l

Project Name: 38 MAIN ST
Project Number: 11846

Lab Number: L2128683
Report Date: 06/17/21

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260C
Analytical Date: 06/07/21 21:33
Analyst: PD

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 07-08 Batch: WG1509177-5					

Surrogate	%Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	111		70-130
Toluene-d8	110		70-130
4-Bromofluorobenzene	117		70-130
Dibromofluoromethane	94		70-130

Project Name: 38 MAIN ST
Project Number: 11846

Lab Number: L2128683
Report Date: 06/17/21

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260C
Analytical Date: 06/11/21 09:28
Analyst: PD

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 09 Batch: WG1510997-5					
Methylene chloride	ND		ug/l	2.5	0.70
1,1-Dichloroethane	ND		ug/l	2.5	0.70
Chloroform	ND		ug/l	2.5	0.70
Carbon tetrachloride	ND		ug/l	0.50	0.13
1,2-Dichloropropane	ND		ug/l	1.0	0.14
Dibromochloromethane	ND		ug/l	0.50	0.15
1,1,2-Trichloroethane	ND		ug/l	1.5	0.50
Tetrachloroethene	ND		ug/l	0.50	0.18
Chlorobenzene	ND		ug/l	2.5	0.70
Trichlorofluoromethane	ND		ug/l	2.5	0.70
1,2-Dichloroethane	ND		ug/l	0.50	0.13
1,1,1-Trichloroethane	ND		ug/l	2.5	0.70
Bromodichloromethane	ND		ug/l	0.50	0.19
trans-1,3-Dichloropropene	ND		ug/l	0.50	0.16
cis-1,3-Dichloropropene	ND		ug/l	0.50	0.14
1,3-Dichloropropene, Total	ND		ug/l	0.50	0.14
1,1-Dichloropropene	ND		ug/l	2.5	0.70
Bromoform	ND		ug/l	2.0	0.65
1,1,2,2-Tetrachloroethane	ND		ug/l	0.50	0.17
Benzene	ND		ug/l	0.50	0.16
Toluene	ND		ug/l	2.5	0.70
Ethylbenzene	ND		ug/l	2.5	0.70
Chloromethane	ND		ug/l	2.5	0.70
Bromomethane	ND		ug/l	2.5	0.70
Vinyl chloride	ND		ug/l	1.0	0.07
Chloroethane	ND		ug/l	2.5	0.70
1,1-Dichloroethene	ND		ug/l	0.50	0.17
trans-1,2-Dichloroethene	ND		ug/l	2.5	0.70
Trichloroethene	ND		ug/l	0.50	0.18

Project Name: 38 MAIN ST
Project Number: 11846

Lab Number: L2128683
Report Date: 06/17/21

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260C
Analytical Date: 06/11/21 09:28
Analyst: PD

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 09 Batch: WG1510997-5					
1,2-Dichlorobenzene	ND		ug/l	2.5	0.70
1,3-Dichlorobenzene	ND		ug/l	2.5	0.70
1,4-Dichlorobenzene	ND		ug/l	2.5	0.70
Methyl tert butyl ether	ND		ug/l	2.5	0.70
p/m-Xylene	ND		ug/l	2.5	0.70
o-Xylene	ND		ug/l	2.5	0.70
Xylenes, Total	ND		ug/l	2.5	0.70
cis-1,2-Dichloroethene	ND		ug/l	2.5	0.70
1,2-Dichloroethene, Total	ND		ug/l	2.5	0.70
Dibromomethane	ND		ug/l	5.0	1.0
1,2,3-Trichloropropane	ND		ug/l	2.5	0.70
Acrylonitrile	ND		ug/l	5.0	1.5
Styrene	ND		ug/l	2.5	0.70
Dichlorodifluoromethane	ND		ug/l	5.0	1.0
Acetone	ND		ug/l	5.0	1.5
Carbon disulfide	ND		ug/l	5.0	1.0
2-Butanone	ND		ug/l	5.0	1.9
Vinyl acetate	ND		ug/l	5.0	1.0
4-Methyl-2-pentanone	ND		ug/l	5.0	1.0
2-Hexanone	ND		ug/l	5.0	1.0
Bromochloromethane	ND		ug/l	2.5	0.70
2,2-Dichloropropane	ND		ug/l	2.5	0.70
1,2-Dibromoethane	ND		ug/l	2.0	0.65
1,3-Dichloropropane	ND		ug/l	2.5	0.70
1,1,1,2-Tetrachloroethane	ND		ug/l	2.5	0.70
Bromobenzene	ND		ug/l	2.5	0.70
n-Butylbenzene	ND		ug/l	2.5	0.70
sec-Butylbenzene	ND		ug/l	2.5	0.70
tert-Butylbenzene	ND		ug/l	2.5	0.70

Project Name: 38 MAIN ST
Project Number: 11846

Lab Number: L2128683
Report Date: 06/17/21

Method Blank Analysis Batch Quality Control

Analytical Method: 1,8260C
Analytical Date: 06/11/21 09:28
Analyst: PD

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 09 Batch: WG1510997-5					
o-Chlorotoluene	ND		ug/l	2.5	0.70
p-Chlorotoluene	ND		ug/l	2.5	0.70
1,2-Dibromo-3-chloropropane	ND		ug/l	2.5	0.70
Hexachlorobutadiene	ND		ug/l	2.5	0.70
Isopropylbenzene	ND		ug/l	2.5	0.70
p-Isopropyltoluene	ND		ug/l	2.5	0.70
Naphthalene	ND		ug/l	2.5	0.70
n-Propylbenzene	ND		ug/l	2.5	0.70
1,2,3-Trichlorobenzene	ND		ug/l	2.5	0.70
1,2,4-Trichlorobenzene	ND		ug/l	2.5	0.70
1,3,5-Trimethylbenzene	ND		ug/l	2.5	0.70
1,2,4-Trimethylbenzene	ND		ug/l	2.5	0.70
1,4-Dioxane	ND		ug/l	250	61.
p-Diethylbenzene	ND		ug/l	2.0	0.70
p-Ethyltoluene	ND		ug/l	2.0	0.70
1,2,4,5-Tetramethylbenzene	ND		ug/l	2.0	0.54
Ethyl ether	ND		ug/l	2.5	0.70
trans-1,4-Dichloro-2-butene	ND		ug/l	2.5	0.70

Tentatively Identified Compounds

No Tentatively Identified Compounds ND ug/l

Project Name: 38 MAIN ST
Project Number: 11846

Lab Number: L2128683
Report Date: 06/17/21

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260C
Analytical Date: 06/11/21 09:28
Analyst: PD

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 09 Batch: WG1510997-5					

Surrogate	%Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	114		70-130
Toluene-d8	98		70-130
4-Bromofluorobenzene	98		70-130
Dibromofluoromethane	111		70-130

Lab Control Sample Analysis

Batch Quality Control

Project Name: 38 MAIN ST

Lab Number: L2128683

Project Number: 11846

Report Date: 06/17/21

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by EPA 5035 Low - Westborough Lab Associated sample(s): 01-03,05-06 Batch: WG1508431-3 WG1508431-4								
Methylene chloride	95		95		70-130	0		30
1,1-Dichloroethane	100		100		70-130	0		30
Chloroform	94		94		70-130	0		30
Carbon tetrachloride	109		114		70-130	4		30
1,2-Dichloropropane	97		97		70-130	0		30
Dibromochloromethane	96		100		70-130	4		30
1,1,2-Trichloroethane	97		87		70-130	11		30
Tetrachloroethene	106		100		70-130	6		30
Chlorobenzene	92		93		70-130	1		30
Trichlorofluoromethane	110		112		70-139	2		30
1,2-Dichloroethane	94		96		70-130	2		30
1,1,1-Trichloroethane	106		109		70-130	3		30
Bromodichloromethane	97		101		70-130	4		30
trans-1,3-Dichloropropene	102		95		70-130	7		30
cis-1,3-Dichloropropene	99		101		70-130	2		30
1,1-Dichloropropene	106		106		70-130	0		30
Bromoform	88		96		70-130	9		30
1,1,2,2-Tetrachloroethane	81		98		70-130	19		30
Benzene	97		96		70-130	1		30
Toluene	102		90		70-130	13		30
Ethylbenzene	96		95		70-130	1		30
Chloromethane	106		108		52-130	2		30
Bromomethane	115		121		57-147	5		30

Lab Control Sample Analysis

Batch Quality Control

Project Name: 38 MAIN ST

Lab Number: L2128683

Project Number: 11846

Report Date: 06/17/21

Parameter	LCS		LCSD		%Recovery Limits	RPD	Qual	RPD Limits
	%Recovery	Qual	%Recovery	Qual				
Volatile Organics by EPA 5035 Low - Westborough Lab Associated sample(s): 01-03,05-06 Batch: WG1508431-3 WG1508431-4								
Vinyl chloride	119		121		67-130	2		30
Chloroethane	110		117		50-151	6		30
1,1-Dichloroethene	104		102		65-135	2		30
trans-1,2-Dichloroethene	101		100		70-130	1		30
Trichloroethene	100		100		70-130	0		30
1,2-Dichlorobenzene	92		93		70-130	1		30
1,3-Dichlorobenzene	94		98		70-130	4		30
1,4-Dichlorobenzene	94		94		70-130	0		30
Methyl tert butyl ether	96		97		66-130	1		30
p/m-Xylene	95		95		70-130	0		30
o-Xylene	95		95		70-130	0		30
cis-1,2-Dichloroethene	96		96		70-130	0		30
Dibromomethane	90		92		70-130	2		30
Styrene	93		96		70-130	3		30
Dichlorodifluoromethane	106		101		30-146	5		30
Acetone	85		86		54-140	1		30
Carbon disulfide	99		98		59-130	1		30
2-Butanone	86		89		70-130	3		30
Vinyl acetate	98		103		70-130	5		30
4-Methyl-2-pentanone	85		85		70-130	0		30
1,2,3-Trichloropropane	80		94		68-130	16		30
2-Hexanone	96		86		70-130	11		30
Bromochloromethane	97		98		70-130	1		30

Lab Control Sample Analysis

Batch Quality Control

Project Name: 38 MAIN ST

Lab Number: L2128683

Project Number: 11846

Report Date: 06/17/21

Parameter	LCS		LCSD		%Recovery Limits	RPD	Qual	RPD Limits
	%Recovery	Qual	%Recovery	Qual				
Volatile Organics by EPA 5035 Low - Westborough Lab Associated sample(s): 01-03,05-06 Batch: WG1508431-3 WG1508431-4								
2,2-Dichloropropane	108		111		70-130	3		30
1,2-Dibromoethane	89		90		70-130	1		30
1,3-Dichloropropane	99		89		69-130	11		30
1,1,1,2-Tetrachloroethane	100		104		70-130	4		30
Bromobenzene	92		101		70-130	9		30
n-Butylbenzene	95		94		70-130	1		30
sec-Butylbenzene	99		111		70-130	11		30
tert-Butylbenzene	100		111		70-130	10		30
o-Chlorotoluene	92		105		70-130	13		30
p-Chlorotoluene	92		105		70-130	13		30
1,2-Dibromo-3-chloropropane	89		90		68-130	1		30
Hexachlorobutadiene	107		110		67-130	3		30
Isopropylbenzene	97		103		70-130	6		30
p-Isopropyltoluene	100		109		70-130	9		30
Naphthalene	92		91		70-130	1		30
Acrylonitrile	91		91		70-130	0		30
n-Propylbenzene	96		110		70-130	14		30
1,2,3-Trichlorobenzene	95		96		70-130	1		30
1,2,4-Trichlorobenzene	102		100		70-130	2		30
1,3,5-Trimethylbenzene	97		108		70-130	11		30
1,2,4-Trimethylbenzene	96		109		70-130	13		30
1,4-Dioxane	86		92		65-136	7		30
p-Diethylbenzene	99		98		70-130	1		30

Lab Control Sample Analysis

Batch Quality Control

Project Name: 38 MAIN ST

Project Number: 11846

Lab Number: L2128683

Report Date: 06/17/21

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by EPA 5035 Low - Westborough Lab Associated sample(s): 01-03,05-06 Batch: WG1508431-3 WG1508431-4								
p-Ethyltoluene	97		109		70-130	12		30
1,2,4,5-Tetramethylbenzene	106		102		70-130	4		30
Ethyl ether	94		92		67-130	2		30
trans-1,4-Dichloro-2-butene	85		100		70-130	16		30

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
1,2-Dichloroethane-d4	93		97		70-130
Toluene-d8	108		97		70-130
4-Bromofluorobenzene	97		111		70-130
Dibromofluoromethane	100		101		70-130

Lab Control Sample Analysis

Batch Quality Control

Project Name: 38 MAIN ST

Project Number: 11846

Lab Number: L2128683

Report Date: 06/17/21

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by EPA 5035 Low - Westborough Lab Associated sample(s): 04 Batch: WG1508431-8 WG1508431-9								
Methylene chloride	95		96		70-130	1		30
1,1-Dichloroethane	97		100		70-130	3		30
Chloroform	92		95		70-130	3		30
Carbon tetrachloride	108		115		70-130	6		30
1,2-Dichloropropane	102		96		70-130	6		30
Dibromochloromethane	95		98		70-130	3		30
1,1,2-Trichloroethane	90		80		70-130	12		30
Tetrachloroethene	93		96		70-130	3		30
Chlorobenzene	91		92		70-130	1		30
Trichlorofluoromethane	107		113		70-139	5		30
1,2-Dichloroethane	96		97		70-130	1		30
1,1,1-Trichloroethane	104		110		70-130	6		30
Bromodichloromethane	102		101		70-130	1		30
trans-1,3-Dichloropropene	95		91		70-130	4		30
cis-1,3-Dichloropropene	115		101		70-130	13		30
1,1-Dichloropropene	102		104		70-130	2		30
Bromoform	90		90		70-130	0		30
1,1,2,2-Tetrachloroethane	94		78		70-130	19		30
Benzene	95		96		70-130	1		30
Toluene	90		85		70-130	6		30
Ethylbenzene	95		94		70-130	1		30
Chloromethane	105		104		52-130	1		30
Bromomethane	111		112		57-147	1		30

Lab Control Sample Analysis

Batch Quality Control

Project Name: 38 MAIN ST

Project Number: 11846

Lab Number: L2128683

Report Date: 06/17/21

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by EPA 5035 Low - Westborough Lab Associated sample(s): 04 Batch: WG1508431-8 WG1508431-9								
Vinyl chloride	113		110		67-130	3		30
Chloroethane	114		112		50-151	2		30
1,1-Dichloroethene	100		102		65-135	2		30
trans-1,2-Dichloroethene	99		100		70-130	1		30
Trichloroethene	100		100		70-130	0		30
1,2-Dichlorobenzene	90		92		70-130	2		30
1,3-Dichlorobenzene	92		94		70-130	2		30
1,4-Dichlorobenzene	92		94		70-130	2		30
Methyl tert butyl ether	96		97		66-130	1		30
p/m-Xylene	93		92		70-130	1		30
o-Xylene	94		97		70-130	3		30
cis-1,2-Dichloroethene	95		96		70-130	1		30
Dibromomethane	96		92		70-130	4		30
Styrene	94		96		70-130	2		30
Dichlorodifluoromethane	102		97		30-146	5		30
Acetone	95		89		54-140	7		30
Carbon disulfide	94		96		59-130	2		30
2-Butanone	94		88		70-130	7		30
Vinyl acetate	101		102		70-130	1		30
4-Methyl-2-pentanone	84		78		70-130	7		30
1,2,3-Trichloropropane	89		76		68-130	16		30
2-Hexanone	95		81		70-130	16		30
Bromochloromethane	97		100		70-130	3		30

Lab Control Sample Analysis

Batch Quality Control

Project Name: 38 MAIN ST

Project Number: 11846

Lab Number: L2128683

Report Date: 06/17/21

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by EPA 5035 Low - Westborough Lab Associated sample(s): 04 Batch: WG1508431-8 WG1508431-9								
2,2-Dichloropropane	105		110		70-130	5		30
1,2-Dibromoethane	92		87		70-130	6		30
1,3-Dichloropropane	92		84		69-130	9		30
1,1,1,2-Tetrachloroethane	97		102		70-130	5		30
Bromobenzene	92		89		70-130	3		30
n-Butylbenzene	94		96		70-130	2		30
sec-Butylbenzene	98		99		70-130	1		30
tert-Butylbenzene	97		99		70-130	2		30
o-Chlorotoluene	93		90		70-130	3		30
p-Chlorotoluene	93		96		70-130	3		30
1,2-Dibromo-3-chloropropane	87		86		68-130	1		30
Hexachlorobutadiene	102		104		67-130	2		30
Isopropylbenzene	96		92		70-130	4		30
p-Isopropyltoluene	99		100		70-130	1		30
Naphthalene	87		87		70-130	0		30
Acrylonitrile	93		92		70-130	1		30
n-Propylbenzene	99		90		70-130	10		30
1,2,3-Trichlorobenzene	92		93		70-130	1		30
1,2,4-Trichlorobenzene	95		97		70-130	2		30
1,3,5-Trimethylbenzene	96		91		70-130	5		30
1,2,4-Trimethylbenzene	96		97		70-130	1		30
1,4-Dioxane	102		89		65-136	14		30
p-Diethylbenzene	97		98		70-130	1		30

Lab Control Sample Analysis

Batch Quality Control

Project Name: 38 MAIN ST

Project Number: 11846

Lab Number: L2128683

Report Date: 06/17/21

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by EPA 5035 Low - Westborough Lab Associated sample(s): 04 Batch: WG1508431-8 WG1508431-9								
p-Ethyltoluene	97		93		70-130	4		30
1,2,4,5-Tetramethylbenzene	98		101		70-130	3		30
Ethyl ether	91		92		67-130	1		30
trans-1,4-Dichloro-2-butene	94		82		70-130	14		30

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
1,2-Dichloroethane-d4	98		96		70-130
Toluene-d8	99		92		70-130
4-Bromofluorobenzene	103		90		70-130
Dibromofluoromethane	102		103		70-130

Lab Control Sample Analysis

Batch Quality Control

Project Name: 38 MAIN ST

Lab Number: L2128683

Project Number: 11846

Report Date: 06/17/21

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 07-08 Batch: WG1509177-3 WG1509177-4								
Methylene chloride	98		100		70-130	2		20
1,1-Dichloroethane	100		110		70-130	10		20
Chloroform	92		99		70-130	7		20
Carbon tetrachloride	82		88		63-132	7		20
1,2-Dichloropropane	100		110		70-130	10		20
Dibromochloromethane	88		92		63-130	4		20
1,1,2-Trichloroethane	100		110		70-130	10		20
Tetrachloroethene	90		97		70-130	7		20
Chlorobenzene	96		100		75-130	4		20
Trichlorofluoromethane	85		94		62-150	10		20
1,2-Dichloroethane	100		110		70-130	10		20
1,1,1-Trichloroethane	88		97		67-130	10		20
Bromodichloromethane	88		92		67-130	4		20
trans-1,3-Dichloropropene	95		96		70-130	1		20
cis-1,3-Dichloropropene	89		93		70-130	4		20
1,1-Dichloropropene	92		100		70-130	8		20
Bromoform	86		90		54-136	5		20
1,1,2,2-Tetrachloroethane	110		120		67-130	9		20
Benzene	90		99		70-130	10		20
Toluene	100		110		70-130	10		20
Ethylbenzene	96		100		70-130	4		20
Chloromethane	79		90		64-130	13		20
Bromomethane	25	Q	32	Q	39-139	25	Q	20

Lab Control Sample Analysis

Batch Quality Control

Project Name: 38 MAIN ST

Project Number: 11846

Lab Number: L2128683

Report Date: 06/17/21

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 07-08 Batch: WG1509177-3 WG1509177-4								
Vinyl chloride	86		95		55-140	10		20
Chloroethane	93		100		55-138	7		20
1,1-Dichloroethene	87		98		61-145	12		20
trans-1,2-Dichloroethene	90		99		70-130	10		20
Trichloroethene	90		98		70-130	9		20
1,2-Dichlorobenzene	99		110		70-130	11		20
1,3-Dichlorobenzene	100		110		70-130	10		20
1,4-Dichlorobenzene	100		110		70-130	10		20
Methyl tert butyl ether	90		96		63-130	6		20
p/m-Xylene	95		105		70-130	10		20
o-Xylene	95		105		70-130	10		20
cis-1,2-Dichloroethene	91		99		70-130	8		20
Dibromomethane	90		94		70-130	4		20
1,2,3-Trichloropropane	120		120		64-130	0		20
Acrylonitrile	120		130		70-130	8		20
Styrene	95		105		70-130	10		20
Dichlorodifluoromethane	74		86		36-147	15		20
Acetone	180	Q	140		58-148	25	Q	20
Carbon disulfide	96		100		51-130	4		20
2-Butanone	140	Q	130		63-138	7		20
Vinyl acetate	120		130		70-130	8		20
4-Methyl-2-pentanone	120		120		59-130	0		20
2-Hexanone	130		140	Q	57-130	7		20

Lab Control Sample Analysis

Batch Quality Control

Project Name: 38 MAIN ST

Project Number: 11846

Lab Number: L2128683

Report Date: 06/17/21

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 07-08 Batch: WG1509177-3 WG1509177-4								
Bromochloromethane	94		99		70-130	5		20
2,2-Dichloropropane	94		100		63-133	6		20
1,2-Dibromoethane	96		100		70-130	4		20
1,3-Dichloropropane	100		110		70-130	10		20
1,1,1,2-Tetrachloroethane	91		96		64-130	5		20
Bromobenzene	100		110		70-130	10		20
n-Butylbenzene	110		120		53-136	9		20
sec-Butylbenzene	110		120		70-130	9		20
tert-Butylbenzene	100		110		70-130	10		20
o-Chlorotoluene	110		120		70-130	9		20
p-Chlorotoluene	110		120		70-130	9		20
1,2-Dibromo-3-chloropropane	82		86		41-144	5		20
Hexachlorobutadiene	91		100		63-130	9		20
Isopropylbenzene	110		120		70-130	9		20
p-Isopropyltoluene	100		120		70-130	18		20
Naphthalene	90		100		70-130	11		20
n-Propylbenzene	110		120		69-130	9		20
1,2,3-Trichlorobenzene	84		97		70-130	14		20
1,2,4-Trichlorobenzene	90		100		70-130	11		20
1,3,5-Trimethylbenzene	110		120		64-130	9		20
1,2,4-Trimethylbenzene	110		120		70-130	9		20
1,4-Dioxane	82		92		56-162	11		20
p-Diethylbenzene	100		110		70-130	10		20

Lab Control Sample Analysis

Batch Quality Control

Project Name: 38 MAIN ST

Project Number: 11846

Lab Number: L2128683

Report Date: 06/17/21

Parameter	LCS		LCSD		%Recovery Limits	RPD	RPD	
	%Recovery	Qual	%Recovery	Qual			Qual	Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 07-08 Batch: WG1509177-3 WG1509177-4								
p-Ethyltoluene	110		120		70-130	9		20
1,2,4,5-Tetramethylbenzene	97		110		70-130	13		20
Ethyl ether	92		97		59-134	5		20
trans-1,4-Dichloro-2-butene	94		81		70-130	15		20

Surrogate	LCS		LCSD		Acceptance Criteria
	%Recovery	Qual	%Recovery	Qual	
1,2-Dichloroethane-d4	111		112		70-130
Toluene-d8	109		109		70-130
4-Bromofluorobenzene	115		116		70-130
Dibromofluoromethane	95		96		70-130

Lab Control Sample Analysis

Batch Quality Control

Project Name: 38 MAIN ST

Lab Number: L2128683

Project Number: 11846

Report Date: 06/17/21

Parameter	LCS		LCSD		%Recovery Limits	RPD	Qual	RPD Limits
	%Recovery	Qual	%Recovery	Qual				
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 09 Batch: WG1510997-3 WG1510997-4								
Methylene chloride	110		100		70-130	10		20
1,1-Dichloroethane	110		110		70-130	0		20
Chloroform	98		97		70-130	1		20
Carbon tetrachloride	100		99		63-132	1		20
1,2-Dichloropropane	100		100		70-130	0		20
Dibromochloromethane	95		91		63-130	4		20
1,1,2-Trichloroethane	100		96		70-130	4		20
Tetrachloroethene	100		95		70-130	5		20
Chlorobenzene	96		94		75-130	2		20
Trichlorofluoromethane	100		110		62-150	10		20
1,2-Dichloroethane	92		96		70-130	4		20
1,1,1-Trichloroethane	94		93		67-130	1		20
Bromodichloromethane	93		92		67-130	1		20
trans-1,3-Dichloropropene	81		82		70-130	1		20
cis-1,3-Dichloropropene	85		87		70-130	2		20
1,1-Dichloropropene	93		94		70-130	1		20
Bromoform	98		93		54-136	5		20
1,1,2,2-Tetrachloroethane	100		100		67-130	0		20
Benzene	99		99		70-130	0		20
Toluene	98		95		70-130	3		20
Ethylbenzene	97		94		70-130	3		20
Chloromethane	110		100		64-130	10		20
Bromomethane	100		100		39-139	0		20

Lab Control Sample Analysis

Batch Quality Control

Project Name: 38 MAIN ST

Lab Number: L2128683

Project Number: 11846

Report Date: 06/17/21

Parameter	LCS		LCSD		%Recovery Limits	RPD	Qual	RPD Limits
	%Recovery	Qual	%Recovery	Qual				
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 09 Batch: WG1510997-3 WG1510997-4								
Vinyl chloride	130		130		55-140	0		20
Chloroethane	120		120		55-138	0		20
1,1-Dichloroethene	100		110		61-145	10		20
trans-1,2-Dichloroethene	95		100		70-130	5		20
Trichloroethene	95		89		70-130	7		20
1,2-Dichlorobenzene	97		93		70-130	4		20
1,3-Dichlorobenzene	96		92		70-130	4		20
1,4-Dichlorobenzene	97		93		70-130	4		20
Methyl tert butyl ether	86		82		63-130	5		20
p/m-Xylene	95		95		70-130	0		20
o-Xylene	95		95		70-130	0		20
cis-1,2-Dichloroethene	92		90		70-130	2		20
Dibromomethane	96		92		70-130	4		20
1,2,3-Trichloropropane	92		94		64-130	2		20
Acrylonitrile	110		100		70-130	10		20
Styrene	100		95		70-130	5		20
Dichlorodifluoromethane	120		120		36-147	0		20
Acetone	98		100		58-148	2		20
Carbon disulfide	110		110		51-130	0		20
2-Butanone	88		94		63-138	7		20
Vinyl acetate	120		120		70-130	0		20
4-Methyl-2-pentanone	84		84		59-130	0		20
2-Hexanone	77		80		57-130	4		20

Lab Control Sample Analysis

Batch Quality Control

Project Name: 38 MAIN ST

Project Number: 11846

Lab Number: L2128683

Report Date: 06/17/21

Parameter	LCS		LCSD		%Recovery Limits	RPD	Qual	RPD Limits
	%Recovery	Qual	%Recovery	Qual				
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 09 Batch: WG1510997-3 WG1510997-4								
Bromochloromethane	100		96		70-130	4		20
2,2-Dichloropropane	79		82		63-133	4		20
1,2-Dibromoethane	89		91		70-130	2		20
1,3-Dichloropropane	97		97		70-130	0		20
1,1,1,2-Tetrachloroethane	92		94		64-130	2		20
Bromobenzene	95		94		70-130	1		20
n-Butylbenzene	100		94		53-136	6		20
sec-Butylbenzene	97		94		70-130	3		20
tert-Butylbenzene	94		91		70-130	3		20
o-Chlorotoluene	99		95		70-130	4		20
p-Chlorotoluene	96		94		70-130	2		20
1,2-Dibromo-3-chloropropane	82		82		41-144	0		20
Hexachlorobutadiene	100		98		63-130	2		20
Isopropylbenzene	95		92		70-130	3		20
p-Isopropyltoluene	93		91		70-130	2		20
Naphthalene	79		77		70-130	3		20
n-Propylbenzene	99		95		69-130	4		20
1,2,3-Trichlorobenzene	91		86		70-130	6		20
1,2,4-Trichlorobenzene	91		83		70-130	9		20
1,3,5-Trimethylbenzene	96		92		64-130	4		20
1,2,4-Trimethylbenzene	94		93		70-130	1		20
1,4-Dioxane	94		94		56-162	0		20
p-Diethylbenzene	93		87		70-130	7		20

Lab Control Sample Analysis

Batch Quality Control

Project Name: 38 MAIN ST

Project Number: 11846

Lab Number: L2128683

Report Date: 06/17/21

Parameter	LCS		LCSD		%Recovery Limits	RPD	RPD	
	%Recovery	Qual	%Recovery	Qual			Qual	Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 09 Batch: WG1510997-3 WG1510997-4								
p-Ethyltoluene	97		94		70-130	3		20
1,2,4,5-Tetramethylbenzene	84		80		70-130	5		20
Ethyl ether	110		100		59-134	10		20
trans-1,4-Dichloro-2-butene	79		76		70-130	4		20

Surrogate	LCS		LCSD		Acceptance Criteria
	%Recovery	Qual	%Recovery	Qual	
1,2-Dichloroethane-d4	104		109		70-130
Toluene-d8	100		101		70-130
4-Bromofluorobenzene	95		95		70-130
Dibromofluoromethane	104		104		70-130

SEMIVOLATILES

Project Name: 38 MAIN ST

Lab Number: L2128683

Project Number: 11846

Report Date: 06/17/21

SAMPLE RESULTS

Lab ID: L2128683-01
 Client ID: SB-2 (2.5-3)
 Sample Location: YONKERS, NY

Date Collected: 05/26/21 08:15
 Date Received: 05/28/21
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil
 Analytical Method: 1,8270D
 Analytical Date: 06/10/21 08:11
 Analyst: ALS
 Percent Solids: 88%

Extraction Method: EPA 3546
 Extraction Date: 06/09/21 16:53

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	450		ug/kg	150	19.	1
1,2,4-Trichlorobenzene	ND		ug/kg	190	21.	1
Hexachlorobenzene	ND		ug/kg	110	21.	1
Bis(2-chloroethyl)ether	ND		ug/kg	170	25.	1
2-Chloronaphthalene	ND		ug/kg	190	18.	1
1,2-Dichlorobenzene	ND		ug/kg	190	34.	1
1,3-Dichlorobenzene	ND		ug/kg	190	32.	1
1,4-Dichlorobenzene	ND		ug/kg	190	32.	1
3,3'-Dichlorobenzidine	ND		ug/kg	190	50.	1
2,4-Dinitrotoluene	ND		ug/kg	190	37.	1
2,6-Dinitrotoluene	ND		ug/kg	190	32.	1
Fluoranthene	4800		ug/kg	110	21.	1
4-Chlorophenyl phenyl ether	ND		ug/kg	190	20.	1
4-Bromophenyl phenyl ether	ND		ug/kg	190	28.	1
Bis(2-chloroisopropyl)ether	ND		ug/kg	220	32.	1
Bis(2-chloroethoxy)methane	ND		ug/kg	200	19.	1
Hexachlorobutadiene	ND		ug/kg	190	27.	1
Hexachlorocyclopentadiene	ND		ug/kg	530	170	1
Hexachloroethane	ND		ug/kg	150	30.	1
Isophorone	ND		ug/kg	170	24.	1
Naphthalene	75	J	ug/kg	190	23.	1
Nitrobenzene	ND		ug/kg	170	28.	1
NDPA/DPA	ND		ug/kg	150	21.	1
n-Nitrosodi-n-propylamine	ND		ug/kg	190	29.	1
Bis(2-ethylhexyl)phthalate	67	J	ug/kg	190	64.	1
Butyl benzyl phthalate	ND		ug/kg	190	47.	1
Di-n-butylphthalate	ND		ug/kg	190	35.	1
Di-n-octylphthalate	ND		ug/kg	190	63.	1

Project Name: 38 MAIN ST

Lab Number: L2128683

Project Number: 11846

Report Date: 06/17/21

SAMPLE RESULTS

Lab ID: L2128683-01
 Client ID: SB-2 (2.5-3)
 Sample Location: YONKERS, NY

Date Collected: 05/26/21 08:15
 Date Received: 05/28/21
 Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Diethyl phthalate	ND		ug/kg	190	17.	1
Dimethyl phthalate	ND		ug/kg	190	39.	1
Benzo(a)anthracene	1700		ug/kg	110	21.	1
Benzo(a)pyrene	1400		ug/kg	150	46.	1
Benzo(b)fluoranthene	1700		ug/kg	110	31.	1
Benzo(k)fluoranthene	620		ug/kg	110	30.	1
Chrysene	1600		ug/kg	110	19.	1
Acenaphthylene	32	J	ug/kg	150	29.	1
Anthracene	1500		ug/kg	110	36.	1
Benzo(ghi)perylene	820		ug/kg	150	22.	1
Fluorene	420		ug/kg	190	18.	1
Phenanthrene	4800		ug/kg	110	23.	1
Dibenzo(a,h)anthracene	180		ug/kg	110	22.	1
Indeno(1,2,3-cd)pyrene	930		ug/kg	150	26.	1
Pyrene	3800		ug/kg	110	18.	1
Biphenyl	ND		ug/kg	420	43.	1
4-Chloroaniline	ND		ug/kg	190	34.	1
2-Nitroaniline	ND		ug/kg	190	36.	1
3-Nitroaniline	ND		ug/kg	190	35.	1
4-Nitroaniline	ND		ug/kg	190	77.	1
Dibenzofuran	300		ug/kg	190	18.	1
2-Methylnaphthalene	78	J	ug/kg	220	22.	1
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	190	19.	1
Acetophenone	ND		ug/kg	190	23.	1
2,4,6-Trichlorophenol	ND		ug/kg	110	35.	1
p-Chloro-m-cresol	ND		ug/kg	190	28.	1
2-Chlorophenol	ND		ug/kg	190	22.	1
2,4-Dichlorophenol	ND		ug/kg	170	30.	1
2,4-Dimethylphenol	ND		ug/kg	190	62.	1
2-Nitrophenol	ND		ug/kg	400	70.	1
4-Nitrophenol	ND		ug/kg	260	76.	1
2,4-Dinitrophenol	ND		ug/kg	900	87.	1
4,6-Dinitro-o-cresol	ND		ug/kg	480	90.	1
Pentachlorophenol	ND		ug/kg	150	41.	1
Phenol	ND		ug/kg	190	28.	1
2-Methylphenol	ND		ug/kg	190	29.	1
3-Methylphenol/4-Methylphenol	ND		ug/kg	270	29.	1

Project Name: 38 MAIN ST

Lab Number: L2128683

Project Number: 11846

Report Date: 06/17/21

SAMPLE RESULTS

Lab ID: L2128683-01
 Client ID: SB-2 (2.5-3)
 Sample Location: YONKERS, NY

Date Collected: 05/26/21 08:15
 Date Received: 05/28/21
 Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
2,4,5-Trichlorophenol	ND		ug/kg	190	36.	1
Benzoic Acid	ND		ug/kg	600	190	1
Benzyl Alcohol	ND		ug/kg	190	57.	1
Carbazole	290		ug/kg	190	18.	1
1,4-Dioxane	ND		ug/kg	28	8.6	1

Tentatively Identified Compounds

Total TIC Compounds	4430	J	ug/kg			1
Unknown PAH	622	J	ug/kg			1
Unknown PAH	210	J	ug/kg			1
Unknown	156	J	ug/kg			1
Unknown	491	J	ug/kg			1
Unknown PAH	268	J	ug/kg			1
Unknown PAH	331	J	ug/kg			1
Unknown PAH	523	J	ug/kg			1
Unknown	200	J	ug/kg			1
Unknown	385	J	ug/kg			1
Unknown PAH	244	J	ug/kg			1
Unknown	241	J	ug/kg			1
Unknown	228	J	ug/kg			1
Unknown Thiophene	366	J	ug/kg			1
Unknown Naphthalene	165	J	ug/kg			1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	65		25-120
Phenol-d6	64		10-120
Nitrobenzene-d5	62		23-120
2-Fluorobiphenyl	63		30-120
2,4,6-Tribromophenol	61		10-136
4-Terphenyl-d14	55		18-120

Project Name: 38 MAIN ST

Lab Number: L2128683

Project Number: 11846

Report Date: 06/17/21

SAMPLE RESULTS

Lab ID: L2128683-02
 Client ID: SB-2 (6.5-7)
 Sample Location: YONKERS, NY

Date Collected: 05/26/21 09:30
 Date Received: 05/28/21
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil
 Analytical Method: 1,8270D
 Analytical Date: 06/09/21 16:46
 Analyst: EK
 Percent Solids: 87%

Extraction Method: EPA 3546
 Extraction Date: 06/08/21 00:34

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	ND		ug/kg	150	20.	1
1,2,4-Trichlorobenzene	ND		ug/kg	190	22.	1
Hexachlorobenzene	ND		ug/kg	110	21.	1
Bis(2-chloroethyl)ether	ND		ug/kg	170	26.	1
2-Chloronaphthalene	ND		ug/kg	190	19.	1
1,2-Dichlorobenzene	ND		ug/kg	190	34.	1
1,3-Dichlorobenzene	ND		ug/kg	190	32.	1
1,4-Dichlorobenzene	ND		ug/kg	190	33.	1
3,3'-Dichlorobenzidine	ND		ug/kg	190	50.	1
2,4-Dinitrotoluene	ND		ug/kg	190	38.	1
2,6-Dinitrotoluene	ND		ug/kg	190	32.	1
Fluoranthene	44	J	ug/kg	110	22.	1
4-Chlorophenyl phenyl ether	ND		ug/kg	190	20.	1
4-Bromophenyl phenyl ether	ND		ug/kg	190	29.	1
Bis(2-chloroisopropyl)ether	ND		ug/kg	230	32.	1
Bis(2-chloroethoxy)methane	ND		ug/kg	200	19.	1
Hexachlorobutadiene	ND		ug/kg	190	28.	1
Hexachlorocyclopentadiene	ND		ug/kg	540	170	1
Hexachloroethane	ND		ug/kg	150	30.	1
Isophorone	ND		ug/kg	170	24.	1
Naphthalene	ND		ug/kg	190	23.	1
Nitrobenzene	ND		ug/kg	170	28.	1
NDPA/DPA	ND		ug/kg	150	21.	1
n-Nitrosodi-n-propylamine	ND		ug/kg	190	29.	1
Bis(2-ethylhexyl)phthalate	ND		ug/kg	190	65.	1
Butyl benzyl phthalate	ND		ug/kg	190	48.	1
Di-n-butylphthalate	ND		ug/kg	190	36.	1
Di-n-octylphthalate	ND		ug/kg	190	64.	1

Project Name: 38 MAIN ST

Lab Number: L2128683

Project Number: 11846

Report Date: 06/17/21

SAMPLE RESULTS

Lab ID: L2128683-02
 Client ID: SB-2 (6.5-7)
 Sample Location: YONKERS, NY

Date Collected: 05/26/21 09:30
 Date Received: 05/28/21
 Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Diethyl phthalate	ND		ug/kg	190	17.	1
Dimethyl phthalate	ND		ug/kg	190	40.	1
Benzo(a)anthracene	36	J	ug/kg	110	21.	1
Benzo(a)pyrene	ND		ug/kg	150	46.	1
Benzo(b)fluoranthene	36	J	ug/kg	110	32.	1
Benzo(k)fluoranthene	ND		ug/kg	110	30.	1
Chrysene	32	J	ug/kg	110	20.	1
Acenaphthylene	ND		ug/kg	150	29.	1
Anthracene	64	J	ug/kg	110	37.	1
Benzo(ghi)perylene	160		ug/kg	150	22.	1
Fluorene	ND		ug/kg	190	18.	1
Phenanthrene	30	J	ug/kg	110	23.	1
Dibenzo(a,h)anthracene	ND		ug/kg	110	22.	1
Indeno(1,2,3-cd)pyrene	55	J	ug/kg	150	26.	1
Pyrene	40	J	ug/kg	110	19.	1
Biphenyl	ND		ug/kg	430	44.	1
4-Chloroaniline	ND		ug/kg	190	34.	1
2-Nitroaniline	ND		ug/kg	190	36.	1
3-Nitroaniline	ND		ug/kg	190	36.	1
4-Nitroaniline	ND		ug/kg	190	78.	1
Dibenzofuran	ND		ug/kg	190	18.	1
2-Methylnaphthalene	ND		ug/kg	230	23.	1
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	190	20.	1
Acetophenone	ND		ug/kg	190	23.	1
2,4,6-Trichlorophenol	ND		ug/kg	110	36.	1
p-Chloro-m-cresol	ND		ug/kg	190	28.	1
2-Chlorophenol	ND		ug/kg	190	22.	1
2,4-Dichlorophenol	ND		ug/kg	170	30.	1
2,4-Dimethylphenol	ND		ug/kg	190	62.	1
2-Nitrophenol	ND		ug/kg	410	71.	1
4-Nitrophenol	ND		ug/kg	260	77.	1
2,4-Dinitrophenol	ND		ug/kg	900	88.	1
4,6-Dinitro-o-cresol	ND		ug/kg	490	90.	1
Pentachlorophenol	ND		ug/kg	150	41.	1
Phenol	ND		ug/kg	190	28.	1
2-Methylphenol	ND		ug/kg	190	29.	1
3-Methylphenol/4-Methylphenol	ND		ug/kg	270	30.	1

Project Name: 38 MAIN ST

Lab Number: L2128683

Project Number: 11846

Report Date: 06/17/21

SAMPLE RESULTS

Lab ID: L2128683-02
 Client ID: SB-2 (6.5-7)
 Sample Location: YONKERS, NY

Date Collected: 05/26/21 09:30
 Date Received: 05/28/21
 Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
2,4,5-Trichlorophenol	ND		ug/kg	190	36.	1
Benzoic Acid	ND		ug/kg	610	190	1
Benzyl Alcohol	ND		ug/kg	190	58.	1
Carbazole	ND		ug/kg	190	18.	1
1,4-Dioxane	ND		ug/kg	28	8.7	1

Tentatively Identified Compounds

Total TIC Compounds	524	J	ug/kg			1
Unknown PAH	524	J	ug/kg			1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	87		25-120
Phenol-d6	80		10-120
Nitrobenzene-d5	85		23-120
2-Fluorobiphenyl	75		30-120
2,4,6-Tribromophenol	74		10-136
4-Terphenyl-d14	59		18-120

Project Name: 38 MAIN ST

Lab Number: L2128683

Project Number: 11846

Report Date: 06/17/21

SAMPLE RESULTS

Lab ID: L2128683-03
 Client ID: SB-4 (2.5-3)
 Sample Location: YONKERS, NY

Date Collected: 05/26/21 14:30
 Date Received: 05/28/21
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil
 Analytical Method: 1,8270D
 Analytical Date: 06/09/21 17:09
 Analyst: EK
 Percent Solids: 89%

Extraction Method: EPA 3546
 Extraction Date: 06/08/21 00:34

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	100	J	ug/kg	150	19.	1
1,2,4-Trichlorobenzene	ND		ug/kg	180	21.	1
Hexachlorobenzene	ND		ug/kg	110	21.	1
Bis(2-chloroethyl)ether	ND		ug/kg	160	25.	1
2-Chloronaphthalene	ND		ug/kg	180	18.	1
1,2-Dichlorobenzene	ND		ug/kg	180	33.	1
1,3-Dichlorobenzene	ND		ug/kg	180	32.	1
1,4-Dichlorobenzene	ND		ug/kg	180	32.	1
3,3'-Dichlorobenzidine	ND		ug/kg	180	49.	1
2,4-Dinitrotoluene	ND		ug/kg	180	37.	1
2,6-Dinitrotoluene	ND		ug/kg	180	32.	1
Fluoranthene	2900		ug/kg	110	21.	1
4-Chlorophenyl phenyl ether	ND		ug/kg	180	20.	1
4-Bromophenyl phenyl ether	ND		ug/kg	180	28.	1
Bis(2-chloroisopropyl)ether	ND		ug/kg	220	31.	1
Bis(2-chloroethoxy)methane	ND		ug/kg	200	18.	1
Hexachlorobutadiene	ND		ug/kg	180	27.	1
Hexachlorocyclopentadiene	ND		ug/kg	530	170	1
Hexachloroethane	ND		ug/kg	150	30.	1
Isophorone	ND		ug/kg	160	24.	1
Naphthalene	26	J	ug/kg	180	22.	1
Nitrobenzene	ND		ug/kg	160	27.	1
NDPA/DPA	ND		ug/kg	150	21.	1
n-Nitrosodi-n-propylamine	ND		ug/kg	180	28.	1
Bis(2-ethylhexyl)phthalate	ND		ug/kg	180	64.	1
Butyl benzyl phthalate	ND		ug/kg	180	46.	1
Di-n-butylphthalate	ND		ug/kg	180	35.	1
Di-n-octylphthalate	ND		ug/kg	180	62.	1

Project Name: 38 MAIN ST

Lab Number: L2128683

Project Number: 11846

Report Date: 06/17/21

SAMPLE RESULTS

Lab ID: L2128683-03
 Client ID: SB-4 (2.5-3)
 Sample Location: YONKERS, NY

Date Collected: 05/26/21 14:30
 Date Received: 05/28/21
 Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Diethyl phthalate	ND		ug/kg	180	17.	1
Dimethyl phthalate	ND		ug/kg	180	39.	1
Benzo(a)anthracene	1300		ug/kg	110	21.	1
Benzo(a)pyrene	1200		ug/kg	150	45.	1
Benzo(b)fluoranthene	1700		ug/kg	110	31.	1
Benzo(k)fluoranthene	540		ug/kg	110	29.	1
Chrysene	1400		ug/kg	110	19.	1
Acenaphthylene	160		ug/kg	150	28.	1
Anthracene	340		ug/kg	110	36.	1
Benzo(ghi)perylene	720		ug/kg	150	22.	1
Fluorene	120	J	ug/kg	180	18.	1
Phenanthrene	1700		ug/kg	110	22.	1
Dibenzo(a,h)anthracene	170		ug/kg	110	21.	1
Indeno(1,2,3-cd)pyrene	800		ug/kg	150	26.	1
Pyrene	2500		ug/kg	110	18.	1
Biphenyl	ND		ug/kg	420	43.	1
4-Chloroaniline	ND		ug/kg	180	34.	1
2-Nitroaniline	ND		ug/kg	180	35.	1
3-Nitroaniline	ND		ug/kg	180	35.	1
4-Nitroaniline	ND		ug/kg	180	76.	1
Dibenzofuran	56	J	ug/kg	180	17.	1
2-Methylnaphthalene	ND		ug/kg	220	22.	1
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	180	19.	1
Acetophenone	ND		ug/kg	180	23.	1
2,4,6-Trichlorophenol	ND		ug/kg	110	35.	1
p-Chloro-m-cresol	ND		ug/kg	180	27.	1
2-Chlorophenol	ND		ug/kg	180	22.	1
2,4-Dichlorophenol	ND		ug/kg	160	30.	1
2,4-Dimethylphenol	ND		ug/kg	180	61.	1
2-Nitrophenol	ND		ug/kg	400	69.	1
4-Nitrophenol	ND		ug/kg	260	75.	1
2,4-Dinitrophenol	ND		ug/kg	880	86.	1
4,6-Dinitro-o-cresol	ND		ug/kg	480	88.	1
Pentachlorophenol	ND		ug/kg	150	40.	1
Phenol	ND		ug/kg	180	28.	1
2-Methylphenol	ND		ug/kg	180	28.	1
3-Methylphenol/4-Methylphenol	ND		ug/kg	260	29.	1

Project Name: 38 MAIN ST**Lab Number:** L2128683**Project Number:** 11846**Report Date:** 06/17/21**SAMPLE RESULTS**

Lab ID: L2128683-03
 Client ID: SB-4 (2.5-3)
 Sample Location: YONKERS, NY

Date Collected: 05/26/21 14:30
 Date Received: 05/28/21
 Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
2,4,5-Trichlorophenol	ND		ug/kg	180	35.	1
Benzoic Acid	ND		ug/kg	600	190	1
Benzyl Alcohol	ND		ug/kg	180	56.	1
Carbazole	140	J	ug/kg	180	18.	1
1,4-Dioxane	ND		ug/kg	28	8.5	1

Tentatively Identified Compounds

Total TIC Compounds	3930	J	ug/kg			1
Unknown PAH	249	J	ug/kg			1
Unknown PAH	352	J	ug/kg			1
Unknown	159	J	ug/kg			1
Unknown Ketone	164	J	ug/kg			1
Unknown	259	J	ug/kg			1
Unknown PAH	158	J	ug/kg			1
Unknown PAH	272	J	ug/kg			1
Unknown Ketone	197	J	ug/kg			1
Unknown	538	J	ug/kg			1
Unknown	215	J	ug/kg			1
Unknown PAH	871	J	ug/kg			1
Unknown Ketone	499	J	ug/kg			1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	102		25-120
Phenol-d6	92		10-120
Nitrobenzene-d5	103		23-120
2-Fluorobiphenyl	76		30-120
2,4,6-Tribromophenol	76		10-136
4-Terphenyl-d14	52		18-120

Project Name: 38 MAIN ST

Lab Number: L2128683

Project Number: 11846

Report Date: 06/17/21

SAMPLE RESULTS

Lab ID: L2128683-04
 Client ID: SB-4 (5.5-6)
 Sample Location: YONKERS, NY

Date Collected: 05/26/21 14:40
 Date Received: 05/28/21
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil
 Analytical Method: 1,8270D
 Analytical Date: 06/09/21 17:33
 Analyst: EK
 Percent Solids: 84%

Extraction Method: EPA 3546
 Extraction Date: 06/08/21 00:34

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	78	J	ug/kg	160	20.	1
1,2,4-Trichlorobenzene	ND		ug/kg	200	22.	1
Hexachlorobenzene	ND		ug/kg	120	22.	1
Bis(2-chloroethyl)ether	ND		ug/kg	180	27.	1
2-Chloronaphthalene	ND		ug/kg	200	20.	1
1,2-Dichlorobenzene	ND		ug/kg	200	35.	1
1,3-Dichlorobenzene	ND		ug/kg	200	34.	1
1,4-Dichlorobenzene	ND		ug/kg	200	34.	1
3,3'-Dichlorobenzidine	ND		ug/kg	200	52.	1
2,4-Dinitrotoluene	ND		ug/kg	200	39.	1
2,6-Dinitrotoluene	ND		ug/kg	200	34.	1
Fluoranthene	3200		ug/kg	120	23.	1
4-Chlorophenyl phenyl ether	ND		ug/kg	200	21.	1
4-Bromophenyl phenyl ether	ND		ug/kg	200	30.	1
Bis(2-chloroisopropyl)ether	ND		ug/kg	240	34.	1
Bis(2-chloroethoxy)methane	ND		ug/kg	210	20.	1
Hexachlorobutadiene	ND		ug/kg	200	29.	1
Hexachlorocyclopentadiene	ND		ug/kg	560	180	1
Hexachloroethane	ND		ug/kg	160	32.	1
Isophorone	ND		ug/kg	180	26.	1
Naphthalene	58	J	ug/kg	200	24.	1
Nitrobenzene	ND		ug/kg	180	29.	1
NDPA/DPA	ND		ug/kg	160	22.	1
n-Nitrosodi-n-propylamine	ND		ug/kg	200	30.	1
Bis(2-ethylhexyl)phthalate	ND		ug/kg	200	68.	1
Butyl benzyl phthalate	85	J	ug/kg	200	50.	1
Di-n-butylphthalate	ND		ug/kg	200	37.	1
Di-n-octylphthalate	ND		ug/kg	200	67.	1

Project Name: 38 MAIN ST

Lab Number: L2128683

Project Number: 11846

Report Date: 06/17/21

SAMPLE RESULTS

Lab ID: L2128683-04
 Client ID: SB-4 (5.5-6)
 Sample Location: YONKERS, NY

Date Collected: 05/26/21 14:40
 Date Received: 05/28/21
 Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Diethyl phthalate	ND		ug/kg	200	18.	1
Dimethyl phthalate	ND		ug/kg	200	41.	1
Benzo(a)anthracene	1600		ug/kg	120	22.	1
Benzo(a)pyrene	1500		ug/kg	160	48.	1
Benzo(b)fluoranthene	2300		ug/kg	120	33.	1
Benzo(k)fluoranthene	600		ug/kg	120	32.	1
Chrysene	1900		ug/kg	120	20.	1
Acenaphthylene	140	J	ug/kg	160	30.	1
Anthracene	380		ug/kg	120	38.	1
Benzo(ghi)perylene	880		ug/kg	160	23.	1
Fluorene	100	J	ug/kg	200	19.	1
Phenanthrene	1800		ug/kg	120	24.	1
Dibenzo(a,h)anthracene	220		ug/kg	120	23.	1
Indeno(1,2,3-cd)pyrene	980		ug/kg	160	28.	1
Pyrene	2900		ug/kg	120	20.	1
Biphenyl	ND		ug/kg	450	46.	1
4-Chloroaniline	ND		ug/kg	200	36.	1
2-Nitroaniline	ND		ug/kg	200	38.	1
3-Nitroaniline	ND		ug/kg	200	37.	1
4-Nitroaniline	ND		ug/kg	200	82.	1
Dibenzofuran	50	J	ug/kg	200	19.	1
2-Methylnaphthalene	ND		ug/kg	240	24.	1
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	200	21.	1
Acetophenone	ND		ug/kg	200	24.	1
2,4,6-Trichlorophenol	ND		ug/kg	120	37.	1
p-Chloro-m-cresol	ND		ug/kg	200	29.	1
2-Chlorophenol	ND		ug/kg	200	23.	1
2,4-Dichlorophenol	ND		ug/kg	180	32.	1
2,4-Dimethylphenol	ND		ug/kg	200	65.	1
2-Nitrophenol	ND		ug/kg	430	74.	1
4-Nitrophenol	ND		ug/kg	280	80.	1
2,4-Dinitrophenol	ND		ug/kg	950	92.	1
4,6-Dinitro-o-cresol	ND		ug/kg	510	95.	1
Pentachlorophenol	ND		ug/kg	160	43.	1
Phenol	ND		ug/kg	200	30.	1
2-Methylphenol	ND		ug/kg	200	30.	1
3-Methylphenol/4-Methylphenol	ND		ug/kg	280	31.	1

Project Name: 38 MAIN ST

Lab Number: L2128683

Project Number: 11846

Report Date: 06/17/21

SAMPLE RESULTS

Lab ID: L2128683-04
 Client ID: SB-4 (5.5-6)
 Sample Location: YONKERS, NY

Date Collected: 05/26/21 14:40
 Date Received: 05/28/21
 Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
2,4,5-Trichlorophenol	ND		ug/kg	200	38.	1
Benzoic Acid	ND		ug/kg	640	200	1
Benzyl Alcohol	ND		ug/kg	200	60.	1
Carbazole	160	J	ug/kg	200	19.	1
1,4-Dioxane	ND		ug/kg	30	9.1	1

Tentatively Identified Compounds

Total TIC Compounds	5300	J	ug/kg			1
Unknown	354	J	ug/kg			1
Unknown	587	J	ug/kg			1
Unknown PAH	289	J	ug/kg			1
Unknown Ketone	167	J	ug/kg			1
Unknown Ketone	195	J	ug/kg			1
Unknown PAH	187	J	ug/kg			1
Unknown	199	J	ug/kg			1
Unknown PAH	253	J	ug/kg			1
Unknown PAH	275	J	ug/kg			1
Unknown PAH	367	J	ug/kg			1
Unknown Ketone	530	J	ug/kg			1
Unknown PAH	1160	J	ug/kg			1
Unknown PAH	233	J	ug/kg			1
Unknown Thiophene	199	J	ug/kg			1
Unknown	309	J	ug/kg			1

Project Name: 38 MAIN ST**Lab Number:** L2128683**Project Number:** 11846**Report Date:** 06/17/21**SAMPLE RESULTS**

Lab ID: L2128683-04

Date Collected: 05/26/21 14:40

Client ID: SB-4 (5.5-6)

Date Received: 05/28/21

Sample Location: YONKERS, NY

Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
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Semivolatile Organics by GC/MS - Westborough Lab

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	46		25-120
Phenol-d6	56		10-120
Nitrobenzene-d5	71		23-120
2-Fluorobiphenyl	60		30-120
2,4,6-Tribromophenol	26		10-136
4-Terphenyl-d14	51		18-120

Project Name: 38 MAIN ST

Lab Number: L2128683

Project Number: 11846

Report Date: 06/17/21

SAMPLE RESULTS

Lab ID: L2128683-05
 Client ID: SB-5 (3.5-4)
 Sample Location: YONKERS, NY

Date Collected: 05/26/21 15:00
 Date Received: 05/28/21
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil
 Analytical Method: 1,8270D
 Analytical Date: 06/09/21 17:57
 Analyst: EK
 Percent Solids: 93%

Extraction Method: EPA 3546
 Extraction Date: 06/08/21 00:34

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	120	J	ug/kg	140	18.	1
1,2,4-Trichlorobenzene	ND		ug/kg	180	20.	1
Hexachlorobenzene	ND		ug/kg	110	20.	1
Bis(2-chloroethyl)ether	ND		ug/kg	160	24.	1
2-Chloronaphthalene	ND		ug/kg	180	18.	1
1,2-Dichlorobenzene	ND		ug/kg	180	32.	1
1,3-Dichlorobenzene	ND		ug/kg	180	30.	1
1,4-Dichlorobenzene	ND		ug/kg	180	31.	1
3,3'-Dichlorobenzidine	ND		ug/kg	180	47.	1
2,4-Dinitrotoluene	ND		ug/kg	180	35.	1
2,6-Dinitrotoluene	ND		ug/kg	180	30.	1
Fluoranthene	4800		ug/kg	110	20.	1
4-Chlorophenyl phenyl ether	ND		ug/kg	180	19.	1
4-Bromophenyl phenyl ether	ND		ug/kg	180	27.	1
Bis(2-chloroisopropyl)ether	ND		ug/kg	210	30.	1
Bis(2-chloroethoxy)methane	ND		ug/kg	190	18.	1
Hexachlorobutadiene	ND		ug/kg	180	26.	1
Hexachlorocyclopentadiene	ND		ug/kg	510	160	1
Hexachloroethane	ND		ug/kg	140	29.	1
Isophorone	ND		ug/kg	160	23.	1
Naphthalene	140	J	ug/kg	180	22.	1
Nitrobenzene	ND		ug/kg	160	26.	1
NDPA/DPA	ND		ug/kg	140	20.	1
n-Nitrosodi-n-propylamine	ND		ug/kg	180	27.	1
Bis(2-ethylhexyl)phthalate	160	J	ug/kg	180	61.	1
Butyl benzyl phthalate	ND		ug/kg	180	45.	1
Di-n-butylphthalate	ND		ug/kg	180	34.	1
Di-n-octylphthalate	ND		ug/kg	180	60.	1

Project Name: 38 MAIN ST

Lab Number: L2128683

Project Number: 11846

Report Date: 06/17/21

SAMPLE RESULTS

Lab ID: L2128683-05
 Client ID: SB-5 (3.5-4)
 Sample Location: YONKERS, NY

Date Collected: 05/26/21 15:00
 Date Received: 05/28/21
 Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Diethyl phthalate	ND		ug/kg	180	16.	1
Dimethyl phthalate	ND		ug/kg	180	37.	1
Benzo(a)anthracene	2300		ug/kg	110	20.	1
Benzo(a)pyrene	2000		ug/kg	140	43.	1
Benzo(b)fluoranthene	2600		ug/kg	110	30.	1
Benzo(k)fluoranthene	920		ug/kg	110	28.	1
Chrysene	2100		ug/kg	110	18.	1
Acenaphthylene	370		ug/kg	140	27.	1
Anthracene	730		ug/kg	110	35.	1
Benzo(ghi)perylene	1100		ug/kg	140	21.	1
Fluorene	300		ug/kg	180	17.	1
Phenanthrene	3400		ug/kg	110	22.	1
Dibenzo(a,h)anthracene	250		ug/kg	110	20.	1
Indeno(1,2,3-cd)pyrene	1200		ug/kg	140	25.	1
Pyrene	3800		ug/kg	110	18.	1
Biphenyl	ND		ug/kg	400	41.	1
4-Chloroaniline	ND		ug/kg	180	32.	1
2-Nitroaniline	ND		ug/kg	180	34.	1
3-Nitroaniline	ND		ug/kg	180	33.	1
4-Nitroaniline	ND		ug/kg	180	73.	1
Dibenzofuran	140	J	ug/kg	180	17.	1
2-Methylnaphthalene	78	J	ug/kg	210	21.	1
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	180	18.	1
Acetophenone	ND		ug/kg	180	22.	1
2,4,6-Trichlorophenol	ND		ug/kg	110	34.	1
p-Chloro-m-cresol	ND		ug/kg	180	26.	1
2-Chlorophenol	ND		ug/kg	180	21.	1
2,4-Dichlorophenol	ND		ug/kg	160	28.	1
2,4-Dimethylphenol	ND		ug/kg	180	58.	1
2-Nitrophenol	ND		ug/kg	380	67.	1
4-Nitrophenol	ND		ug/kg	250	72.	1
2,4-Dinitrophenol	ND		ug/kg	850	83.	1
4,6-Dinitro-o-cresol	ND		ug/kg	460	85.	1
Pentachlorophenol	ND		ug/kg	140	39.	1
Phenol	ND		ug/kg	180	27.	1
2-Methylphenol	ND		ug/kg	180	28.	1
3-Methylphenol/4-Methylphenol	ND		ug/kg	260	28.	1

Project Name: 38 MAIN ST**Lab Number:** L2128683**Project Number:** 11846**Report Date:** 06/17/21**SAMPLE RESULTS**

Lab ID: L2128683-05
 Client ID: SB-5 (3.5-4)
 Sample Location: YONKERS, NY

Date Collected: 05/26/21 15:00
 Date Received: 05/28/21
 Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
2,4,5-Trichlorophenol	ND		ug/kg	180	34.	1
Benzoic Acid	ND		ug/kg	580	180	1
Benzyl Alcohol	ND		ug/kg	180	54.	1
Carbazole	360		ug/kg	180	17.	1
1,4-Dioxane	ND		ug/kg	27	8.2	1

Tentatively Identified Compounds

Total TIC Compounds	6240	J	ug/kg			1
Unknown PAH	259	J	ug/kg			1
Unknown PAH	299	J	ug/kg			1
Unknown	617	J	ug/kg			1
Unknown	756	J	ug/kg			1
Unknown Ketone	187	J	ug/kg			1
Unknown PAH	401	J	ug/kg			1
Unknown Ketone	200	J	ug/kg			1
Unknown PAH	529	J	ug/kg			1
Unknown	208	J	ug/kg			1
Unknown PAH	189	J	ug/kg			1
Unknown PAH	1380	J	ug/kg			1
Unknown PAH	335	J	ug/kg			1
Unknown PAH	178	J	ug/kg			1
Unknown PAH	179	J	ug/kg			1
Unknown PAH	522	J	ug/kg			1

Project Name: 38 MAIN ST**Lab Number:** L2128683**Project Number:** 11846**Report Date:** 06/17/21**SAMPLE RESULTS**

Lab ID: L2128683-05

Date Collected: 05/26/21 15:00

Client ID: SB-5 (3.5-4)

Date Received: 05/28/21

Sample Location: YONKERS, NY

Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
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Semivolatile Organics by GC/MS - Westborough Lab

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	84		25-120
Phenol-d6	78		10-120
Nitrobenzene-d5	88		23-120
2-Fluorobiphenyl	76		30-120
2,4,6-Tribromophenol	76		10-136
4-Terphenyl-d14	62		18-120

Project Name: 38 MAIN ST

Lab Number: L2128683

Project Number: 11846

Report Date: 06/17/21

SAMPLE RESULTS

Lab ID: L2128683-06
 Client ID: SB-5 (6.5-7)
 Sample Location: YONKERS, NY

Date Collected: 05/26/21 15:10
 Date Received: 05/28/21
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil
 Analytical Method: 1,8270D
 Analytical Date: 06/09/21 18:20
 Analyst: EK
 Percent Solids: 76%

Extraction Method: EPA 3546
 Extraction Date: 06/08/21 00:34

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	ND		ug/kg	170	23.	1
1,2,4-Trichlorobenzene	ND		ug/kg	220	25.	1
Hexachlorobenzene	ND		ug/kg	130	24.	1
Bis(2-chloroethyl)ether	ND		ug/kg	200	30.	1
2-Chloronaphthalene	ND		ug/kg	220	22.	1
1,2-Dichlorobenzene	ND		ug/kg	220	39.	1
1,3-Dichlorobenzene	ND		ug/kg	220	38.	1
1,4-Dichlorobenzene	ND		ug/kg	220	38.	1
3,3'-Dichlorobenzidine	ND		ug/kg	220	58.	1
2,4-Dinitrotoluene	ND		ug/kg	220	44.	1
2,6-Dinitrotoluene	ND		ug/kg	220	37.	1
Fluoranthene	280		ug/kg	130	25.	1
4-Chlorophenyl phenyl ether	ND		ug/kg	220	23.	1
4-Bromophenyl phenyl ether	ND		ug/kg	220	33.	1
Bis(2-chloroisopropyl)ether	ND		ug/kg	260	37.	1
Bis(2-chloroethoxy)methane	ND		ug/kg	240	22.	1
Hexachlorobutadiene	ND		ug/kg	220	32.	1
Hexachlorocyclopentadiene	ND		ug/kg	620	200	1
Hexachloroethane	ND		ug/kg	170	35.	1
Isophorone	ND		ug/kg	200	28.	1
Naphthalene	ND		ug/kg	220	26.	1
Nitrobenzene	ND		ug/kg	200	32.	1
NDPA/DPA	ND		ug/kg	170	25.	1
n-Nitrosodi-n-propylamine	ND		ug/kg	220	34.	1
Bis(2-ethylhexyl)phthalate	ND		ug/kg	220	75.	1
Butyl benzyl phthalate	ND		ug/kg	220	55.	1
Di-n-butylphthalate	ND		ug/kg	220	41.	1
Di-n-octylphthalate	ND		ug/kg	220	74.	1

Project Name: 38 MAIN ST

Lab Number: L2128683

Project Number: 11846

Report Date: 06/17/21

SAMPLE RESULTS

Lab ID: L2128683-06
 Client ID: SB-5 (6.5-7)
 Sample Location: YONKERS, NY

Date Collected: 05/26/21 15:10
 Date Received: 05/28/21
 Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Diethyl phthalate	ND		ug/kg	220	20.	1
Dimethyl phthalate	ND		ug/kg	220	46.	1
Benzo(a)anthracene	150		ug/kg	130	24.	1
Benzo(a)pyrene	140	J	ug/kg	170	53.	1
Benzo(b)fluoranthene	180		ug/kg	130	37.	1
Benzo(k)fluoranthene	65	J	ug/kg	130	35.	1
Chrysene	130		ug/kg	130	23.	1
Acenaphthylene	ND		ug/kg	170	34.	1
Anthracene	49	J	ug/kg	130	42.	1
Benzo(ghi)perylene	100	J	ug/kg	170	26.	1
Fluorene	ND		ug/kg	220	21.	1
Phenanthrene	170		ug/kg	130	26.	1
Dibenzo(a,h)anthracene	ND		ug/kg	130	25.	1
Indeno(1,2,3-cd)pyrene	99	J	ug/kg	170	30.	1
Pyrene	240		ug/kg	130	22.	1
Biphenyl	ND		ug/kg	500	51.	1
4-Chloroaniline	ND		ug/kg	220	40.	1
2-Nitroaniline	ND		ug/kg	220	42.	1
3-Nitroaniline	ND		ug/kg	220	41.	1
4-Nitroaniline	ND		ug/kg	220	90.	1
Dibenzofuran	ND		ug/kg	220	21.	1
2-Methylnaphthalene	ND		ug/kg	260	26.	1
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	220	23.	1
Acetophenone	ND		ug/kg	220	27.	1
2,4,6-Trichlorophenol	ND		ug/kg	130	41.	1
p-Chloro-m-cresol	ND		ug/kg	220	32.	1
2-Chlorophenol	ND		ug/kg	220	26.	1
2,4-Dichlorophenol	ND		ug/kg	200	35.	1
2,4-Dimethylphenol	ND		ug/kg	220	72.	1
2-Nitrophenol	ND		ug/kg	470	82.	1
4-Nitrophenol	ND		ug/kg	300	89.	1
2,4-Dinitrophenol	ND		ug/kg	1000	100	1
4,6-Dinitro-o-cresol	ND		ug/kg	570	100	1
Pentachlorophenol	ND		ug/kg	170	48.	1
Phenol	ND		ug/kg	220	33.	1
2-Methylphenol	ND		ug/kg	220	34.	1
3-Methylphenol/4-Methylphenol	ND		ug/kg	310	34.	1

Project Name: 38 MAIN ST
Project Number: 11846

Lab Number: L2128683
Report Date: 06/17/21

SAMPLE RESULTS

Lab ID: L2128683-06
 Client ID: SB-5 (6.5-7)
 Sample Location: YONKERS, NY

Date Collected: 05/26/21 15:10
 Date Received: 05/28/21
 Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
2,4,5-Trichlorophenol	ND		ug/kg	220	42.	1
Benzoic Acid	ND		ug/kg	710	220	1
Benzyl Alcohol	ND		ug/kg	220	67.	1
Carbazole	25	J	ug/kg	220	21.	1
1,4-Dioxane	ND		ug/kg	33	10.	1

Tentatively Identified Compounds

No Tentatively Identified Compounds	ND	ug/kg	1
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Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	87		25-120
Phenol-d6	82		10-120
Nitrobenzene-d5	89		23-120
2-Fluorobiphenyl	77		30-120
2,4,6-Tribromophenol	78		10-136
4-Terphenyl-d14	51		18-120

Project Name: 38 MAIN ST

Lab Number: L2128683

Project Number: 11846

Report Date: 06/17/21

SAMPLE RESULTS

Lab ID: L2128683-07
 Client ID: SB-1 GW
 Sample Location: YONKERS, NY

Date Collected: 05/26/21 09:00
 Date Received: 05/28/21
 Field Prep: Not Specified

Sample Depth:

Matrix: Water
 Analytical Method: 1,8270D
 Analytical Date: 06/03/21 05:57
 Analyst: JG

Extraction Method: EPA 3510C
 Extraction Date: 06/01/21 08:22

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
1,2,4-Trichlorobenzene	ND		ug/l	5.0	0.50	1
Bis(2-chloroethyl)ether	ND		ug/l	2.0	0.50	1
1,2-Dichlorobenzene	ND		ug/l	2.0	0.45	1
1,3-Dichlorobenzene	ND		ug/l	2.0	0.40	1
1,4-Dichlorobenzene	ND		ug/l	2.0	0.43	1
3,3'-Dichlorobenzidine	ND		ug/l	5.0	1.6	1
2,4-Dinitrotoluene	ND		ug/l	5.0	1.2	1
2,6-Dinitrotoluene	ND		ug/l	5.0	0.93	1
4-Chlorophenyl phenyl ether	ND		ug/l	2.0	0.49	1
4-Bromophenyl phenyl ether	ND		ug/l	2.0	0.38	1
Bis(2-chloroisopropyl)ether	ND		ug/l	2.0	0.53	1
Bis(2-chloroethoxy)methane	ND		ug/l	5.0	0.50	1
Hexachlorocyclopentadiene	ND		ug/l	20	0.69	1
Isophorone	ND		ug/l	5.0	1.2	1
Nitrobenzene	ND		ug/l	2.0	0.77	1
NDPA/DPA	ND		ug/l	2.0	0.42	1
n-Nitrosodi-n-propylamine	ND		ug/l	5.0	0.64	1
Bis(2-ethylhexyl)phthalate	2.8	J	ug/l	3.0	1.5	1
Butyl benzyl phthalate	ND		ug/l	5.0	1.2	1
Di-n-butylphthalate	ND		ug/l	5.0	0.39	1
Di-n-octylphthalate	ND		ug/l	5.0	1.3	1
Diethyl phthalate	0.42	J	ug/l	5.0	0.38	1
Dimethyl phthalate	ND		ug/l	5.0	1.8	1
Biphenyl	ND		ug/l	2.0	0.46	1
4-Chloroaniline	ND		ug/l	5.0	1.1	1
2-Nitroaniline	ND		ug/l	5.0	0.50	1
3-Nitroaniline	ND		ug/l	5.0	0.81	1
4-Nitroaniline	ND		ug/l	5.0	0.80	1

Project Name: 38 MAIN ST

Lab Number: L2128683

Project Number: 11846

Report Date: 06/17/21

SAMPLE RESULTS

Lab ID: L2128683-07
 Client ID: SB-1 GW
 Sample Location: YONKERS, NY

Date Collected: 05/26/21 09:00
 Date Received: 05/28/21
 Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Dibenzofuran	ND		ug/l	2.0	0.50	1
1,2,4,5-Tetrachlorobenzene	ND		ug/l	10	0.44	1
Acetophenone	ND		ug/l	5.0	0.53	1
2,4,6-Trichlorophenol	ND		ug/l	5.0	0.61	1
p-Chloro-m-cresol	ND		ug/l	2.0	0.35	1
2-Chlorophenol	ND		ug/l	2.0	0.48	1
2,4-Dichlorophenol	ND		ug/l	5.0	0.41	1
2,4-Dimethylphenol	ND		ug/l	5.0	1.8	1
2-Nitrophenol	ND		ug/l	10	0.85	1
4-Nitrophenol	ND		ug/l	10	0.67	1
2,4-Dinitrophenol	ND		ug/l	20	6.6	1
4,6-Dinitro-o-cresol	ND		ug/l	10	1.8	1
Phenol	ND		ug/l	5.0	0.57	1
2-Methylphenol	ND		ug/l	5.0	0.49	1
3-Methylphenol/4-Methylphenol	ND		ug/l	5.0	0.48	1
2,4,5-Trichlorophenol	ND		ug/l	5.0	0.77	1
Benzoic Acid	ND		ug/l	50	2.6	1
Benzyl Alcohol	ND		ug/l	2.0	0.59	1
Carbazole	ND		ug/l	2.0	0.49	1

Project Name: 38 MAIN ST

Lab Number: L2128683

Project Number: 11846

Report Date: 06/17/21

SAMPLE RESULTS

Lab ID: L2128683-07
 Client ID: SB-1 GW
 Sample Location: YONKERS, NY

Date Collected: 05/26/21 09:00
 Date Received: 05/28/21
 Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						

Tentatively Identified Compounds

Total TIC Compounds	713	J	ug/l			1
Unknown Amide	47.8	J	ug/l			1
Unknown	5.53	J	ug/l			1
Unknown	6.36	J	ug/l			1
Unknown Organic Acid	26.1	J	ug/l			1
Unknown	6.44	J	ug/l			1
Unknown Alkene	10.2	J	ug/l			1
Unknown Amide	4.14	J	ug/l			1
Unknown	25.0	J	ug/l			1
Unknown Amide	371	J	ug/l			1
Unknown Organic Acid	15.7	J	ug/l			1
Unknown Amide	48.9	J	ug/l			1
Unknown Amide	6.69	J	ug/l			1
Unknown Organic Acid	9.09	J	ug/l			1
Unknown	14.5	J	ug/l			1
Unknown Amide	116	J	ug/l			1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	33		21-120
Phenol-d6	37		10-120
Nitrobenzene-d5	60		23-120
2-Fluorobiphenyl	67		15-120
2,4,6-Tribromophenol	22		10-120
4-Terphenyl-d14	54		41-149

Project Name: 38 MAIN ST**Lab Number:** L2128683**Project Number:** 11846**Report Date:** 06/17/21**SAMPLE RESULTS**

Lab ID: L2128683-07
 Client ID: SB-1 GW
 Sample Location: YONKERS, NY

Date Collected: 05/26/21 09:00
 Date Received: 05/28/21
 Field Prep: Not Specified

Sample Depth:

Matrix: Water
 Analytical Method: 1,8270D-SIM
 Analytical Date: 06/04/21 21:55
 Analyst: ALS

Extraction Method: EPA 3510C
 Extraction Date: 06/01/21 11:34

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS-SIM - Westborough Lab						
Acenaphthene	0.06	J	ug/l	0.10	0.01	1
2-Chloronaphthalene	ND		ug/l	0.20	0.02	1
Fluoranthene	0.54		ug/l	0.10	0.02	1
Hexachlorobutadiene	ND		ug/l	0.50	0.05	1
Naphthalene	0.74		ug/l	0.10	0.05	1
Benzo(a)anthracene	0.23		ug/l	0.10	0.02	1
Benzo(a)pyrene	0.16		ug/l	0.10	0.02	1
Benzo(b)fluoranthene	0.33		ug/l	0.10	0.01	1
Benzo(k)fluoranthene	0.10		ug/l	0.10	0.01	1
Chrysene	0.28		ug/l	0.10	0.01	1
Acenaphthylene	0.03	J	ug/l	0.10	0.01	1
Anthracene	0.09	J	ug/l	0.10	0.01	1
Benzo(ghi)perylene	0.16		ug/l	0.10	0.01	1
Fluorene	0.09	J	ug/l	0.10	0.01	1
Phenanthrene	0.54		ug/l	0.10	0.02	1
Dibenzo(a,h)anthracene	ND		ug/l	0.10	0.01	1
Indeno(1,2,3-cd)pyrene	0.18		ug/l	0.10	0.01	1
Pyrene	0.50		ug/l	0.10	0.02	1
2-Methylnaphthalene	0.22		ug/l	0.10	0.02	1
Pentachlorophenol	ND		ug/l	0.80	0.01	1
Hexachlorobenzene	ND		ug/l	0.80	0.01	1
Hexachloroethane	ND		ug/l	0.80	0.06	1

Project Name: 38 MAIN ST**Lab Number:** L2128683**Project Number:** 11846**Report Date:** 06/17/21**SAMPLE RESULTS**

Lab ID: L2128683-07

Date Collected: 05/26/21 09:00

Client ID: SB-1 GW

Date Received: 05/28/21

Sample Location: YONKERS, NY

Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
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Semivolatile Organics by GC/MS-SIM - Westborough Lab

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	33		21-120
Phenol-d6	40		10-120
Nitrobenzene-d5	74		23-120
2-Fluorobiphenyl	62		15-120
2,4,6-Tribromophenol	36		10-120
4-Terphenyl-d14	58		41-149

Project Name: 38 MAIN ST

Lab Number: L2128683

Project Number: 11846

Report Date: 06/17/21

SAMPLE RESULTS

Lab ID: L2128683-08
 Client ID: SB-3 GW
 Sample Location: YONKERS, NY

Date Collected: 05/26/21 10:30
 Date Received: 05/28/21
 Field Prep: Not Specified

Sample Depth:

Matrix: Water
 Analytical Method: 1,8270D
 Analytical Date: 06/03/21 07:40
 Analyst: JG

Extraction Method: EPA 3510C
 Extraction Date: 06/01/21 08:22

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
1,2,4-Trichlorobenzene	ND		ug/l	5.0	0.50	1
Bis(2-chloroethyl)ether	ND		ug/l	2.0	0.50	1
1,2-Dichlorobenzene	ND		ug/l	2.0	0.45	1
1,3-Dichlorobenzene	ND		ug/l	2.0	0.40	1
1,4-Dichlorobenzene	ND		ug/l	2.0	0.43	1
3,3'-Dichlorobenzidine	ND		ug/l	5.0	1.6	1
2,4-Dinitrotoluene	ND		ug/l	5.0	1.2	1
2,6-Dinitrotoluene	ND		ug/l	5.0	0.93	1
4-Chlorophenyl phenyl ether	ND		ug/l	2.0	0.49	1
4-Bromophenyl phenyl ether	ND		ug/l	2.0	0.38	1
Bis(2-chloroisopropyl)ether	ND		ug/l	2.0	0.53	1
Bis(2-chloroethoxy)methane	ND		ug/l	5.0	0.50	1
Hexachlorocyclopentadiene	ND		ug/l	20	0.69	1
Isophorone	ND		ug/l	5.0	1.2	1
Nitrobenzene	ND		ug/l	2.0	0.77	1
NDPA/DPA	ND		ug/l	2.0	0.42	1
n-Nitrosodi-n-propylamine	ND		ug/l	5.0	0.64	1
Bis(2-ethylhexyl)phthalate	ND		ug/l	3.0	1.5	1
Butyl benzyl phthalate	ND		ug/l	5.0	1.2	1
Di-n-butylphthalate	ND		ug/l	5.0	0.39	1
Di-n-octylphthalate	ND		ug/l	5.0	1.3	1
Diethyl phthalate	ND		ug/l	5.0	0.38	1
Dimethyl phthalate	ND		ug/l	5.0	1.8	1
Biphenyl	ND		ug/l	2.0	0.46	1
4-Chloroaniline	ND		ug/l	5.0	1.1	1
2-Nitroaniline	ND		ug/l	5.0	0.50	1
3-Nitroaniline	ND		ug/l	5.0	0.81	1
4-Nitroaniline	ND		ug/l	5.0	0.80	1

Project Name: 38 MAIN ST

Lab Number: L2128683

Project Number: 11846

Report Date: 06/17/21

SAMPLE RESULTS

Lab ID: L2128683-08
 Client ID: SB-3 GW
 Sample Location: YONKERS, NY

Date Collected: 05/26/21 10:30
 Date Received: 05/28/21
 Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Dibenzofuran	ND		ug/l	2.0	0.50	1
1,2,4,5-Tetrachlorobenzene	ND		ug/l	10	0.44	1
Acetophenone	ND		ug/l	5.0	0.53	1
2,4,6-Trichlorophenol	ND		ug/l	5.0	0.61	1
p-Chloro-m-cresol	ND		ug/l	2.0	0.35	1
2-Chlorophenol	ND		ug/l	2.0	0.48	1
2,4-Dichlorophenol	ND		ug/l	5.0	0.41	1
2,4-Dimethylphenol	ND		ug/l	5.0	1.8	1
2-Nitrophenol	ND		ug/l	10	0.85	1
4-Nitrophenol	ND		ug/l	10	0.67	1
2,4-Dinitrophenol	ND		ug/l	20	6.6	1
4,6-Dinitro-o-cresol	ND		ug/l	10	1.8	1
Phenol	ND		ug/l	5.0	0.57	1
2-Methylphenol	ND		ug/l	5.0	0.49	1
3-Methylphenol/4-Methylphenol	ND		ug/l	5.0	0.48	1
2,4,5-Trichlorophenol	ND		ug/l	5.0	0.77	1
Benzoic Acid	ND		ug/l	50	2.6	1
Benzyl Alcohol	ND		ug/l	2.0	0.59	1
Carbazole	ND		ug/l	2.0	0.49	1

Tentatively Identified Compounds

Total TIC Compounds	1.67	J	ug/l	1
Unknown	1.67	J	ug/l	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	50		21-120
Phenol-d6	45		10-120
Nitrobenzene-d5	61		23-120
2-Fluorobiphenyl	62		15-120
2,4,6-Tribromophenol	63		10-120
4-Terphenyl-d14	59		41-149

Project Name: 38 MAIN ST**Lab Number:** L2128683**Project Number:** 11846**Report Date:** 06/17/21**SAMPLE RESULTS**

Lab ID: L2128683-08
 Client ID: SB-3 GW
 Sample Location: YONKERS, NY

Date Collected: 05/26/21 10:30
 Date Received: 05/28/21
 Field Prep: Not Specified

Sample Depth:

Matrix: Water
 Analytical Method: 1,8270D-SIM
 Analytical Date: 06/04/21 22:15
 Analyst: ALS

Extraction Method: EPA 3510C
 Extraction Date: 06/01/21 11:34

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS-SIM - Westborough Lab						
Acenaphthene	0.01	J	ug/l	0.10	0.01	1
2-Chloronaphthalene	ND		ug/l	0.20	0.02	1
Fluoranthene	0.03	J	ug/l	0.10	0.02	1
Hexachlorobutadiene	ND		ug/l	0.50	0.05	1
Naphthalene	ND		ug/l	0.10	0.05	1
Benzo(a)anthracene	0.03	J	ug/l	0.10	0.02	1
Benzo(a)pyrene	0.02	J	ug/l	0.10	0.02	1
Benzo(b)fluoranthene	0.03	J	ug/l	0.10	0.01	1
Benzo(k)fluoranthene	ND		ug/l	0.10	0.01	1
Chrysene	0.01	J	ug/l	0.10	0.01	1
Acenaphthylene	ND		ug/l	0.10	0.01	1
Anthracene	0.02	J	ug/l	0.10	0.01	1
Benzo(ghi)perylene	0.02	J	ug/l	0.10	0.01	1
Fluorene	0.03	J	ug/l	0.10	0.01	1
Phenanthrene	0.08	J	ug/l	0.10	0.02	1
Dibenzo(a,h)anthracene	ND		ug/l	0.10	0.01	1
Indeno(1,2,3-cd)pyrene	0.02	J	ug/l	0.10	0.01	1
Pyrene	0.03	J	ug/l	0.10	0.02	1
2-Methylnaphthalene	ND		ug/l	0.10	0.02	1
Pentachlorophenol	ND		ug/l	0.80	0.01	1
Hexachlorobenzene	ND		ug/l	0.80	0.01	1
Hexachloroethane	ND		ug/l	0.80	0.06	1

Project Name: 38 MAIN ST**Lab Number:** L2128683**Project Number:** 11846**Report Date:** 06/17/21**SAMPLE RESULTS**

Lab ID: L2128683-08
 Client ID: SB-3 GW
 Sample Location: YONKERS, NY

Date Collected: 05/26/21 10:30
 Date Received: 05/28/21
 Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
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Semivolatile Organics by GC/MS-SIM - Westborough Lab

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	80		21-120
Phenol-d6	66		10-120
Nitrobenzene-d5	87		23-120
2-Fluorobiphenyl	66		15-120
2,4,6-Tribromophenol	94		10-120
4-Terphenyl-d14	76		41-149

Project Name: 38 MAIN ST
Project Number: 11846

Lab Number: L2128683
Report Date: 06/17/21

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270D
Analytical Date: 06/02/21 12:13
Analyst: EK

Extraction Method: EPA 3510C
Extraction Date: 06/01/21 08:19

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatle Organics by GC/MS - Westborough Lab for sample(s): 07-08 Batch: WG1505891-1					
Acenaphthene	ND		ug/l	2.0	0.44
1,2,4-Trichlorobenzene	ND		ug/l	5.0	0.50
Hexachlorobenzene	ND		ug/l	2.0	0.46
Bis(2-chloroethyl)ether	ND		ug/l	2.0	0.50
2-Chloronaphthalene	ND		ug/l	2.0	0.44
1,2-Dichlorobenzene	ND		ug/l	2.0	0.45
1,3-Dichlorobenzene	ND		ug/l	2.0	0.40
1,4-Dichlorobenzene	ND		ug/l	2.0	0.43
3,3'-Dichlorobenzidine	ND		ug/l	5.0	1.6
2,4-Dinitrotoluene	ND		ug/l	5.0	1.2
2,6-Dinitrotoluene	ND		ug/l	5.0	0.93
Fluoranthene	ND		ug/l	2.0	0.26
4-Chlorophenyl phenyl ether	ND		ug/l	2.0	0.49
4-Bromophenyl phenyl ether	ND		ug/l	2.0	0.38
Bis(2-chloroisopropyl)ether	ND		ug/l	2.0	0.53
Bis(2-chloroethoxy)methane	ND		ug/l	5.0	0.50
Hexachlorobutadiene	ND		ug/l	2.0	0.66
Hexachlorocyclopentadiene	ND		ug/l	20	0.69
Hexachloroethane	ND		ug/l	2.0	0.58
Isophorone	ND		ug/l	5.0	1.2
Naphthalene	ND		ug/l	2.0	0.46
Nitrobenzene	ND		ug/l	2.0	0.77
NDPA/DPA	ND		ug/l	2.0	0.42
n-Nitrosodi-n-propylamine	ND		ug/l	5.0	0.64
Bis(2-ethylhexyl)phthalate	ND		ug/l	3.0	1.5
Butyl benzyl phthalate	ND		ug/l	5.0	1.2
Di-n-butylphthalate	ND		ug/l	5.0	0.39
Di-n-octylphthalate	ND		ug/l	5.0	1.3
Diethyl phthalate	ND		ug/l	5.0	0.38

Project Name: 38 MAIN ST
Project Number: 11846

Lab Number: L2128683
Report Date: 06/17/21

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270D
Analytical Date: 06/02/21 12:13
Analyst: EK

Extraction Method: EPA 3510C
Extraction Date: 06/01/21 08:19

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 07-08 Batch: WG1505891-1					
Dimethyl phthalate	ND		ug/l	5.0	1.8
Benzo(a)anthracene	ND		ug/l	2.0	0.32
Benzo(a)pyrene	ND		ug/l	2.0	0.41
Benzo(b)fluoranthene	ND		ug/l	2.0	0.35
Benzo(k)fluoranthene	ND		ug/l	2.0	0.37
Chrysene	ND		ug/l	2.0	0.34
Acenaphthylene	ND		ug/l	2.0	0.46
Anthracene	ND		ug/l	2.0	0.33
Benzo(ghi)perylene	ND		ug/l	2.0	0.30
Fluorene	ND		ug/l	2.0	0.41
Phenanthrene	ND		ug/l	2.0	0.33
Dibenzo(a,h)anthracene	ND		ug/l	2.0	0.32
Indeno(1,2,3-cd)pyrene	ND		ug/l	2.0	0.40
Pyrene	ND		ug/l	2.0	0.28
Biphenyl	ND		ug/l	2.0	0.46
4-Chloroaniline	ND		ug/l	5.0	1.1
2-Nitroaniline	ND		ug/l	5.0	0.50
3-Nitroaniline	ND		ug/l	5.0	0.81
4-Nitroaniline	ND		ug/l	5.0	0.80
Dibenzofuran	ND		ug/l	2.0	0.50
2-Methylnaphthalene	ND		ug/l	2.0	0.45
1,2,4,5-Tetrachlorobenzene	ND		ug/l	10	0.44
Acetophenone	ND		ug/l	5.0	0.53
2,4,6-Trichlorophenol	ND		ug/l	5.0	0.61
p-Chloro-m-cresol	ND		ug/l	2.0	0.35
2-Chlorophenol	ND		ug/l	2.0	0.48
2,4-Dichlorophenol	ND		ug/l	5.0	0.41
2,4-Dimethylphenol	ND		ug/l	5.0	1.8
2-Nitrophenol	ND		ug/l	10	0.85

Project Name: 38 MAIN ST
Project Number: 11846

Lab Number: L2128683
Report Date: 06/17/21

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270D
Analytical Date: 06/02/21 12:13
Analyst: EK

Extraction Method: EPA 3510C
Extraction Date: 06/01/21 08:19

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 07-08 Batch: WG1505891-1					
4-Nitrophenol	ND		ug/l	10	0.67
2,4-Dinitrophenol	ND		ug/l	20	6.6
4,6-Dinitro-o-cresol	ND		ug/l	10	1.8
Pentachlorophenol	ND		ug/l	10	1.8
Phenol	ND		ug/l	5.0	0.57
2-Methylphenol	ND		ug/l	5.0	0.49
3-Methylphenol/4-Methylphenol	ND		ug/l	5.0	0.48
2,4,5-Trichlorophenol	ND		ug/l	5.0	0.77
Benzoic Acid	ND		ug/l	50	2.6
Benzyl Alcohol	ND		ug/l	2.0	0.59
Carbazole	ND		ug/l	2.0	0.49

Tentatively Identified Compounds

Total TIC Compounds	3.42	J	ug/l
Unknown	1.78	J	ug/l
Unknown	1.64	J	ug/l

Surrogate	%Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	42		21-120
Phenol-d6	34		10-120
Nitrobenzene-d5	55		23-120
2-Fluorobiphenyl	57		15-120
2,4,6-Tribromophenol	48		10-120
4-Terphenyl-d14	62		41-149

Project Name: 38 MAIN ST
Project Number: 11846

Lab Number: L2128683
Report Date: 06/17/21

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270D-SIM
Analytical Date: 06/03/21 01:39
Analyst: JJW

Extraction Method: EPA 3510C
Extraction Date: 06/01/21 08:21

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS-SIM - Westborough Lab for sample(s): 07-08 Batch: WG1505892-1					
Acenaphthene	ND		ug/l	0.10	0.01
2-Chloronaphthalene	ND		ug/l	0.20	0.02
Fluoranthene	ND		ug/l	0.10	0.02
Hexachlorobutadiene	ND		ug/l	0.50	0.05
Naphthalene	ND		ug/l	0.10	0.05
Benzo(a)anthracene	ND		ug/l	0.10	0.02
Benzo(a)pyrene	ND		ug/l	0.10	0.02
Benzo(b)fluoranthene	ND		ug/l	0.10	0.01
Benzo(k)fluoranthene	ND		ug/l	0.10	0.01
Chrysene	ND		ug/l	0.10	0.01
Acenaphthylene	ND		ug/l	0.10	0.01
Anthracene	ND		ug/l	0.10	0.01
Benzo(ghi)perylene	ND		ug/l	0.10	0.01
Fluorene	ND		ug/l	0.10	0.01
Phenanthrene	ND		ug/l	0.10	0.02
Dibenzo(a,h)anthracene	ND		ug/l	0.10	0.01
Indeno(1,2,3-cd)pyrene	ND		ug/l	0.10	0.01
Pyrene	ND		ug/l	0.10	0.02
2-Methylnaphthalene	0.04	J	ug/l	0.10	0.02
Pentachlorophenol	ND		ug/l	0.80	0.01
Hexachlorobenzene	ND		ug/l	0.80	0.01
Hexachloroethane	ND		ug/l	0.80	0.06

Project Name: 38 MAIN ST
Project Number: 11846

Lab Number: L2128683
Report Date: 06/17/21

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270D-SIM
Analytical Date: 06/03/21 01:39
Analyst: JJW

Extraction Method: EPA 3510C
Extraction Date: 06/01/21 08:21

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS-SIM - Westborough Lab for sample(s): 07-08 Batch: WG1505892-1					

Surrogate	%Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	35		21-120
Phenol-d6	34		10-120
Nitrobenzene-d5	63		23-120
2-Fluorobiphenyl	57		15-120
2,4,6-Tribromophenol	29		10-120
4-Terphenyl-d14	64		41-149

Project Name: 38 MAIN ST
Project Number: 11846

Lab Number: L2128683
Report Date: 06/17/21

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270D
Analytical Date: 06/09/21 10:53
Analyst: IM

Extraction Method: EPA 3546
Extraction Date: 06/08/21 00:31

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatle Organics by GC/MS - Westborough Lab for sample(s): 02-06 Batch: WG1508792-1					
Acenaphthene	ND		ug/kg	130	17.
1,2,4-Trichlorobenzene	ND		ug/kg	160	19.
Hexachlorobenzene	ND		ug/kg	98	18.
Bis(2-chloroethyl)ether	ND		ug/kg	150	22.
2-Chloronaphthalene	ND		ug/kg	160	16.
1,2-Dichlorobenzene	ND		ug/kg	160	29.
1,3-Dichlorobenzene	ND		ug/kg	160	28.
1,4-Dichlorobenzene	ND		ug/kg	160	28.
3,3'-Dichlorobenzidine	ND		ug/kg	160	43.
2,4-Dinitrotoluene	ND		ug/kg	160	33.
2,6-Dinitrotoluene	ND		ug/kg	160	28.
Fluoranthene	ND		ug/kg	98	19.
4-Chlorophenyl phenyl ether	ND		ug/kg	160	17.
4-Bromophenyl phenyl ether	ND		ug/kg	160	25.
Bis(2-chloroisopropyl)ether	ND		ug/kg	200	28.
Bis(2-chloroethoxy)methane	ND		ug/kg	180	16.
Hexachlorobutadiene	ND		ug/kg	160	24.
Hexachlorocyclopentadiene	ND		ug/kg	470	150
Hexachloroethane	ND		ug/kg	130	26.
Isophorone	ND		ug/kg	150	21.
Naphthalene	ND		ug/kg	160	20.
Nitrobenzene	ND		ug/kg	150	24.
NDPA/DPA	ND		ug/kg	130	18.
n-Nitrosodi-n-propylamine	ND		ug/kg	160	25.
Bis(2-ethylhexyl)phthalate	ND		ug/kg	160	56.
Butyl benzyl phthalate	ND		ug/kg	160	41.
Di-n-butylphthalate	ND		ug/kg	160	31.
Di-n-octylphthalate	ND		ug/kg	160	55.
Diethyl phthalate	ND		ug/kg	160	15.

Project Name: 38 MAIN ST
Project Number: 11846

Lab Number: L2128683
Report Date: 06/17/21

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270D
Analytical Date: 06/09/21 10:53
Analyst: IM

Extraction Method: EPA 3546
Extraction Date: 06/08/21 00:31

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 02-06 Batch: WG1508792-1					
Dimethyl phthalate	ND		ug/kg	160	34.
Benzo(a)anthracene	ND		ug/kg	98	18.
Benzo(a)pyrene	ND		ug/kg	130	40.
Benzo(b)fluoranthene	ND		ug/kg	98	27.
Benzo(k)fluoranthene	ND		ug/kg	98	26.
Chrysene	ND		ug/kg	98	17.
Acenaphthylene	ND		ug/kg	130	25.
Anthracene	ND		ug/kg	98	32.
Benzo(ghi)perylene	ND		ug/kg	130	19.
Fluorene	ND		ug/kg	160	16.
Phenanthrene	ND		ug/kg	98	20.
Dibenzo(a,h)anthracene	ND		ug/kg	98	19.
Indeno(1,2,3-cd)pyrene	ND		ug/kg	130	23.
Pyrene	ND		ug/kg	98	16.
Biphenyl	ND		ug/kg	370	38.
4-Chloroaniline	ND		ug/kg	160	30.
2-Nitroaniline	ND		ug/kg	160	31.
3-Nitroaniline	ND		ug/kg	160	31.
4-Nitroaniline	ND		ug/kg	160	67.
Dibenzofuran	ND		ug/kg	160	15.
2-Methylnaphthalene	ND		ug/kg	200	20.
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	160	17.
Acetophenone	ND		ug/kg	160	20.
2,4,6-Trichlorophenol	ND		ug/kg	98	31.
p-Chloro-m-cresol	ND		ug/kg	160	24.
2-Chlorophenol	ND		ug/kg	160	19.
2,4-Dichlorophenol	ND		ug/kg	150	26.
2,4-Dimethylphenol	ND		ug/kg	160	54.
2-Nitrophenol	ND		ug/kg	350	61.

Project Name: 38 MAIN ST
Project Number: 11846

Lab Number: L2128683
Report Date: 06/17/21

**Method Blank Analysis
Batch Quality Control**

Analytical Method: 1,8270D
Analytical Date: 06/09/21 10:53
Analyst: IM

Extraction Method: EPA 3546
Extraction Date: 06/08/21 00:31

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 02-06 Batch: WG1508792-1					
4-Nitrophenol	ND		ug/kg	230	66.
2,4-Dinitrophenol	ND		ug/kg	780	76.
4,6-Dinitro-o-cresol	ND		ug/kg	420	78.
Pentachlorophenol	ND		ug/kg	130	36.
Phenol	ND		ug/kg	160	25.
2-Methylphenol	ND		ug/kg	160	25.
3-Methylphenol/4-Methylphenol	ND		ug/kg	230	26.
2,4,5-Trichlorophenol	ND		ug/kg	160	31.
Benzoic Acid	ND		ug/kg	530	160
Benzyl Alcohol	ND		ug/kg	160	50.
Carbazole	ND		ug/kg	160	16.
1,4-Dioxane	ND		ug/kg	24	7.5

Tentatively Identified Compounds

No Tentatively Identified Compounds ND ug/kg

Surrogate	%Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	81		25-120
Phenol-d6	74		10-120
Nitrobenzene-d5	78		23-120
2-Fluorobiphenyl	74		30-120
2,4,6-Tribromophenol	80		10-136
4-Terphenyl-d14	83		18-120

Project Name: 38 MAIN ST
Project Number: 11846

Lab Number: L2128683
Report Date: 06/17/21

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270D
Analytical Date: 06/10/21 00:20
Analyst: SZ

Extraction Method: EPA 3546
Extraction Date: 06/09/21 10:08

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatle Organics by GC/MS - Westborough Lab for sample(s): 01 Batch: WG1509607-1					
Acenaphthene	ND		ug/kg	130	17.
1,2,4-Trichlorobenzene	ND		ug/kg	160	19.
Hexachlorobenzene	ND		ug/kg	99	18.
Bis(2-chloroethyl)ether	ND		ug/kg	150	22.
2-Chloronaphthalene	ND		ug/kg	160	16.
1,2-Dichlorobenzene	ND		ug/kg	160	30.
1,3-Dichlorobenzene	ND		ug/kg	160	28.
1,4-Dichlorobenzene	ND		ug/kg	160	29.
3,3'-Dichlorobenzidine	ND		ug/kg	160	44.
2,4-Dinitrotoluene	ND		ug/kg	160	33.
2,6-Dinitrotoluene	ND		ug/kg	160	28.
Fluoranthene	ND		ug/kg	99	19.
4-Chlorophenyl phenyl ether	ND		ug/kg	160	18.
4-Bromophenyl phenyl ether	ND		ug/kg	160	25.
Bis(2-chloroisopropyl)ether	ND		ug/kg	200	28.
Bis(2-chloroethoxy)methane	ND		ug/kg	180	16.
Hexachlorobutadiene	ND		ug/kg	160	24.
Hexachlorocyclopentadiene	ND		ug/kg	470	150
Hexachloroethane	ND		ug/kg	130	27.
Isophorone	ND		ug/kg	150	21.
Naphthalene	ND		ug/kg	160	20.
Nitrobenzene	ND		ug/kg	150	24.
NDPA/DPA	ND		ug/kg	130	19.
n-Nitrosodi-n-propylamine	ND		ug/kg	160	25.
Bis(2-ethylhexyl)phthalate	ND		ug/kg	160	57.
Butyl benzyl phthalate	ND		ug/kg	160	42.
Di-n-butylphthalate	ND		ug/kg	160	31.
Di-n-octylphthalate	ND		ug/kg	160	56.
Diethyl phthalate	ND		ug/kg	160	15.

Project Name: 38 MAIN ST
Project Number: 11846

Lab Number: L2128683
Report Date: 06/17/21

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270D
Analytical Date: 06/10/21 00:20
Analyst: SZ

Extraction Method: EPA 3546
Extraction Date: 06/09/21 10:08

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 01 Batch: WG1509607-1					
Dimethyl phthalate	ND		ug/kg	160	34.
Benzo(a)anthracene	ND		ug/kg	99	18.
Benzo(a)pyrene	ND		ug/kg	130	40.
Benzo(b)fluoranthene	ND		ug/kg	99	28.
Benzo(k)fluoranthene	ND		ug/kg	99	26.
Chrysene	ND		ug/kg	99	17.
Acenaphthylene	ND		ug/kg	130	25.
Anthracene	ND		ug/kg	99	32.
Benzo(ghi)perylene	ND		ug/kg	130	19.
Fluorene	ND		ug/kg	160	16.
Phenanthrene	ND		ug/kg	99	20.
Dibenzo(a,h)anthracene	ND		ug/kg	99	19.
Indeno(1,2,3-cd)pyrene	ND		ug/kg	130	23.
Pyrene	ND		ug/kg	99	16.
Biphenyl	ND		ug/kg	380	38.
4-Chloroaniline	ND		ug/kg	160	30.
2-Nitroaniline	ND		ug/kg	160	32.
3-Nitroaniline	ND		ug/kg	160	31.
4-Nitroaniline	ND		ug/kg	160	68.
Dibenzofuran	ND		ug/kg	160	16.
2-Methylnaphthalene	ND		ug/kg	200	20.
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	160	17.
Acetophenone	ND		ug/kg	160	20.
2,4,6-Trichlorophenol	ND		ug/kg	99	31.
p-Chloro-m-cresol	ND		ug/kg	160	24.
2-Chlorophenol	ND		ug/kg	160	19.
2,4-Dichlorophenol	ND		ug/kg	150	26.
2,4-Dimethylphenol	ND		ug/kg	160	54.
2-Nitrophenol	ND		ug/kg	360	62.

Project Name: 38 MAIN ST
Project Number: 11846

Lab Number: L2128683
Report Date: 06/17/21

**Method Blank Analysis
Batch Quality Control**

Analytical Method: 1,8270D
Analytical Date: 06/10/21 00:20
Analyst: SZ

Extraction Method: EPA 3546
Extraction Date: 06/09/21 10:08

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 01 Batch: WG1509607-1					
4-Nitrophenol	ND		ug/kg	230	67.
2,4-Dinitrophenol	ND		ug/kg	790	77.
4,6-Dinitro-o-cresol	ND		ug/kg	430	79.
Pentachlorophenol	ND		ug/kg	130	36.
Phenol	ND		ug/kg	160	25.
2-Methylphenol	ND		ug/kg	160	26.
3-Methylphenol/4-Methylphenol	ND		ug/kg	240	26.
2,4,5-Trichlorophenol	ND		ug/kg	160	32.
Benzoic Acid	ND		ug/kg	530	170
Benzyl Alcohol	ND		ug/kg	160	50.
Carbazole	ND		ug/kg	160	16.
1,4-Dioxane	ND		ug/kg	25	7.6

Tentatively Identified Compounds

No Tentatively Identified Compounds ND ug/kg

Surrogate	%Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	88		25-120
Phenol-d6	90		10-120
Nitrobenzene-d5	82		23-120
2-Fluorobiphenyl	88		30-120
2,4,6-Tribromophenol	88		10-136
4-Terphenyl-d14	95		18-120

Lab Control Sample Analysis

Batch Quality Control

Project Name: 38 MAIN ST

Lab Number: L2128683

Project Number: 11846

Report Date: 06/17/21

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 07-08 Batch: WG1505891-2 WG1505891-3								
Acenaphthene	55		52		37-111	6		30
1,2,4-Trichlorobenzene	55		49		39-98	12		30
Hexachlorobenzene	62		58		40-140	7		30
Bis(2-chloroethyl)ether	56		50		40-140	11		30
2-Chloronaphthalene	58		54		40-140	7		30
1,2-Dichlorobenzene	54		51		40-140	6		30
1,3-Dichlorobenzene	54		49		40-140	10		30
1,4-Dichlorobenzene	54		52		36-97	4		30
3,3'-Dichlorobenzidine	35	Q	44		40-140	23		30
2,4-Dinitrotoluene	72		64		48-143	12		30
2,6-Dinitrotoluene	72		65		40-140	10		30
Fluoranthene	64		60		40-140	6		30
4-Chlorophenyl phenyl ether	59		53		40-140	11		30
4-Bromophenyl phenyl ether	61		57		40-140	7		30
Bis(2-chloroisopropyl)ether	47		44		40-140	7		30
Bis(2-chloroethoxy)methane	56		52		40-140	7		30
Hexachlorobutadiene	52		51		40-140	2		30
Hexachlorocyclopentadiene	59		53		40-140	11		30
Hexachloroethane	52		47		40-140	10		30
Isophorone	57		51		40-140	11		30
Naphthalene	56		54		40-140	4		30
Nitrobenzene	63		58		40-140	8		30
NDPA/DPA	54		58		40-140	7		30

Lab Control Sample Analysis

Batch Quality Control

Project Name: 38 MAIN ST

Lab Number: L2128683

Project Number: 11846

Report Date: 06/17/21

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 07-08 Batch: WG1505891-2 WG1505891-3								
n-Nitrosodi-n-propylamine	59		55		29-132	7		30
Bis(2-ethylhexyl)phthalate	72		79		40-140	9		30
Butyl benzyl phthalate	75		73		40-140	3		30
Di-n-butylphthalate	65		63		40-140	3		30
Di-n-octylphthalate	78		76		40-140	3		30
Diethyl phthalate	64		58		40-140	10		30
Dimethyl phthalate	70		63		40-140	11		30
Benzo(a)anthracene	64		59		40-140	8		30
Benzo(a)pyrene	73		70		40-140	4		30
Benzo(b)fluoranthene	72		66		40-140	9		30
Benzo(k)fluoranthene	64		61		40-140	5		30
Chrysene	59		57		40-140	3		30
Acenaphthylene	66		62		45-123	6		30
Anthracene	64		59		40-140	8		30
Benzo(ghi)perylene	63		60		40-140	5		30
Fluorene	60		56		40-140	7		30
Phenanthrene	62		59		40-140	5		30
Dibenzo(a,h)anthracene	64		60		40-140	6		30
Indeno(1,2,3-cd)pyrene	66		63		40-140	5		30
Pyrene	61		58		26-127	5		30
Biphenyl	61		58		40-140	5		30
4-Chloroaniline	50		45		40-140	11		30
2-Nitroaniline	78		71		52-143	9		30

Lab Control Sample Analysis

Batch Quality Control

Project Name: 38 MAIN ST

Lab Number: L2128683

Project Number: 11846

Report Date: 06/17/21

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 07-08 Batch: WG1505891-2 WG1505891-3								
3-Nitroaniline	58		53		25-145	9		30
4-Nitroaniline	67		60		51-143	11		30
Dibenzofuran	59		55		40-140	7		30
2-Methylnaphthalene	59		55		40-140	7		30
1,2,4,5-Tetrachlorobenzene	57		54		2-134	5		30
Acetophenone	58		55		39-129	5		30
2,4,6-Trichlorophenol	69		68		30-130	1		30
p-Chloro-m-cresol	72		67		23-97	7		30
2-Chlorophenol	61		57		27-123	7		30
2,4-Dichlorophenol	69		63		30-130	9		30
2,4-Dimethylphenol	59		59		30-130	0		30
2-Nitrophenol	87		78		30-130	11		30
4-Nitrophenol	57		53		10-80	7		30
2,4-Dinitrophenol	90		90		20-130	0		30
4,6-Dinitro-o-cresol	83		76		20-164	9		30
Pentachlorophenol	80		73		9-103	9		30
Phenol	46		41		12-110	11		30
2-Methylphenol	58		55		30-130	5		30
3-Methylphenol/4-Methylphenol	64		60		30-130	6		30
2,4,5-Trichlorophenol	69		64		30-130	8		30
Benzoic Acid	69		71		10-164	3		30
Benzyl Alcohol	61		57		26-116	7		30
Carbazole	64		60		55-144	6		30

Lab Control Sample Analysis

Batch Quality Control

Project Name: 38 MAIN ST
Project Number: 11846

Lab Number: L2128683
Report Date: 06/17/21

Parameter	<i>LCS</i> %Recovery	<i>Qual</i>	<i>LCSD</i> %Recovery	<i>Qual</i>	<i>%Recovery</i> Limits	<i>RPD</i>	<i>Qual</i>	<i>RPD</i> Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 07-08 Batch: WG1505891-2 WG1505891-3								

<i>Surrogate</i>	<i>LCS</i> %Recovery	<i>Qual</i>	<i>LCSD</i> %Recovery	<i>Qual</i>	<i>Acceptance</i> Criteria
2-Fluorophenol	64		58		21-120
Phenol-d6	51		47		10-120
Nitrobenzene-d5	74		66		23-120
2-Fluorobiphenyl	72		68		15-120
2,4,6-Tribromophenol	86		79		10-120
4-Terphenyl-d14	74		72		41-149

Lab Control Sample Analysis

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Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS-SIM - Westborough Lab Associated sample(s): 07-08 Batch: WG1505892-2 WG1505892-3								
Acenaphthene	71		68		40-140	4		40
2-Chloronaphthalene	67		62		40-140	8		40
Fluoranthene	70		70		40-140	0		40
Hexachlorobutadiene	66		62		40-140	6		40
Naphthalene	67		63		40-140	6		40
Benzo(a)anthracene	73		71		40-140	3		40
Benzo(a)pyrene	77		78		40-140	1		40
Benzo(b)fluoranthene	80		76		40-140	5		40
Benzo(k)fluoranthene	77		81		40-140	5		40
Chrysene	71		73		40-140	3		40
Acenaphthylene	67		61		40-140	9		40
Anthracene	74		71		40-140	4		40
Benzo(ghi)perylene	67		67		40-140	0		40
Fluorene	71		67		40-140	6		40
Phenanthrene	71		69		40-140	3		40
Dibenzo(a,h)anthracene	70		70		40-140	0		40
Indeno(1,2,3-cd)pyrene	66		66		40-140	0		40
Pyrene	70		70		40-140	0		40
2-Methylnaphthalene	69		64		40-140	8		40
Pentachlorophenol	66		63		40-140	5		40
Hexachlorobenzene	69		66		40-140	4		40
Hexachloroethane	69		65		40-140	6		40

Lab Control Sample Analysis

Batch Quality Control

Project Name: 38 MAIN ST

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Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS-SIM - Westborough Lab Associated sample(s): 07-08 Batch: WG1505892-2 WG1505892-3								

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
2-Fluorophenol	52		57		21-120
Phenol-d6	45		47		10-120
Nitrobenzene-d5	83		77		23-120
2-Fluorobiphenyl	73		67		15-120
2,4,6-Tribromophenol	56		61		10-120
4-Terphenyl-d14	73		73		41-149

Lab Control Sample Analysis

Batch Quality Control

Project Name: 38 MAIN ST

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Report Date: 06/17/21

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 02-06 Batch: WG1508792-2 WG1508792-3								
Acenaphthene	72		74		31-137	3		50
1,2,4-Trichlorobenzene	64		70		38-107	9		50
Hexachlorobenzene	74		72		40-140	3		50
Bis(2-chloroethyl)ether	68		74		40-140	8		50
2-Chloronaphthalene	72		78		40-140	8		50
1,2-Dichlorobenzene	62		70		40-140	12		50
1,3-Dichlorobenzene	63		69		40-140	9		50
1,4-Dichlorobenzene	63		69		28-104	9		50
3,3'-Dichlorobenzidine	80		76		40-140	5		50
2,4-Dinitrotoluene	87		84		40-132	4		50
2,6-Dinitrotoluene	87		88		40-140	1		50
Fluoranthene	85		81		40-140	5		50
4-Chlorophenyl phenyl ether	79		78		40-140	1		50
4-Bromophenyl phenyl ether	78		75		40-140	4		50
Bis(2-chloroisopropyl)ether	108		115		40-140	6		50
Bis(2-chloroethoxy)methane	72		76		40-117	5		50
Hexachlorobutadiene	69		76		40-140	10		50
Hexachlorocyclopentadiene	69		76		40-140	10		50
Hexachloroethane	70		78		40-140	11		50
Isophorone	76		80		40-140	5		50
Naphthalene	72		78		40-140	8		50
Nitrobenzene	84		88		40-140	5		50
NDPA/DPA	86		84		36-157	2		50

Lab Control Sample Analysis

Batch Quality Control

Project Name: 38 MAIN ST

Project Number: 11846

Lab Number: L2128683

Report Date: 06/17/21

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 02-06 Batch: WG1508792-2 WG1508792-3								
n-Nitrosodi-n-propylamine	80		84		32-121	5		50
Bis(2-ethylhexyl)phthalate	114		108		40-140	5		50
Butyl benzyl phthalate	100		97		40-140	3		50
Di-n-butylphthalate	97		93		40-140	4		50
Di-n-octylphthalate	112		108		40-140	4		50
Diethyl phthalate	89		88		40-140	1		50
Dimethyl phthalate	78		78		40-140	0		50
Benzo(a)anthracene	86		83		40-140	4		50
Benzo(a)pyrene	94		89		40-140	5		50
Benzo(b)fluoranthene	90		83		40-140	8		50
Benzo(k)fluoranthene	88		87		40-140	1		50
Chrysene	86		81		40-140	6		50
Acenaphthylene	79		82		40-140	4		50
Anthracene	82		80		40-140	2		50
Benzo(ghi)perylene	88		83		40-140	6		50
Fluorene	83		83		40-140	0		50
Phenanthrene	80		77		40-140	4		50
Dibenzo(a,h)anthracene	84		81		40-140	4		50
Indeno(1,2,3-cd)pyrene	89		84		40-140	6		50
Pyrene	84		81		35-142	4		50
Biphenyl	71		75		37-127	5		50
4-Chloroaniline	90		91		40-140	1		50
2-Nitroaniline	92		91		47-134	1		50

Lab Control Sample Analysis

Batch Quality Control

Project Name: 38 MAIN ST

Lab Number: L2128683

Project Number: 11846

Report Date: 06/17/21

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 02-06 Batch: WG1508792-2 WG1508792-3								
3-Nitroaniline	82		82		26-129	0		50
4-Nitroaniline	89		87		41-125	2		50
Dibenzofuran	82		83		40-140	1		50
2-Methylnaphthalene	74		79		40-140	7		50
1,2,4,5-Tetrachlorobenzene	66		72		40-117	9		50
Acetophenone	69		74		14-144	7		50
2,4,6-Trichlorophenol	81		84		30-130	4		50
p-Chloro-m-cresol	92		93		26-103	1		50
2-Chlorophenol	75		80		25-102	6		50
2,4-Dichlorophenol	78		82		30-130	5		50
2,4-Dimethylphenol	83		86		30-130	4		50
2-Nitrophenol	82		88		30-130	7		50
4-Nitrophenol	111		110		11-114	1		50
2,4-Dinitrophenol	94		92		4-130	2		50
4,6-Dinitro-o-cresol	95		90		10-130	5		50
Pentachlorophenol	72		68		17-109	6		50
Phenol	78		83		26-90	6		50
2-Methylphenol	80		85		30-130.	6		50
3-Methylphenol/4-Methylphenol	78		83		30-130	6		50
2,4,5-Trichlorophenol	85		85		30-130	0		50
Benzoic Acid	55		51		10-110	8		50
Benzyl Alcohol	82		88		40-140	7		50
Carbazole	89		82		54-128	8		50

Lab Control Sample Analysis

Batch Quality Control

Project Name: 38 MAIN ST

Project Number: 11846

Lab Number: L2128683

Report Date: 06/17/21

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 02-06 Batch: WG1508792-2 WG1508792-3								
1,4-Dioxane	58		70		40-140	19		50

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
2-Fluorophenol	87		93		25-120
Phenol-d6	79		84		10-120
Nitrobenzene-d5	84		92		23-120
2-Fluorobiphenyl	73		79		30-120
2,4,6-Tribromophenol	77		75		10-136
4-Terphenyl-d14	81		76		18-120

Lab Control Sample Analysis

Batch Quality Control

Project Name: 38 MAIN ST

Lab Number: L2128683

Project Number: 11846

Report Date: 06/17/21

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 01 Batch: WG1509607-2 WG1509607-3								
Acenaphthene	94		101		31-137	7		50
1,2,4-Trichlorobenzene	82		86		38-107	5		50
Hexachlorobenzene	83		88		40-140	6		50
Bis(2-chloroethyl)ether	84		89		40-140	6		50
2-Chloronaphthalene	89		95		40-140	7		50
1,2-Dichlorobenzene	84		86		40-140	2		50
1,3-Dichlorobenzene	82		83		40-140	1		50
1,4-Dichlorobenzene	85		86		28-104	1		50
3,3'-Dichlorobenzidine	83		88		40-140	6		50
2,4-Dinitrotoluene	92		96		40-132	4		50
2,6-Dinitrotoluene	90		97		40-140	7		50
Fluoranthene	94		99		40-140	5		50
4-Chlorophenyl phenyl ether	85		90		40-140	6		50
4-Bromophenyl phenyl ether	83		88		40-140	6		50
Bis(2-chloroisopropyl)ether	83		85		40-140	2		50
Bis(2-chloroethoxy)methane	89		93		40-117	4		50
Hexachlorobutadiene	71		76		40-140	7		50
Hexachlorocyclopentadiene	66		73		40-140	10		50
Hexachloroethane	85		85		40-140	0		50
Isophorone	91		95		40-140	4		50
Naphthalene	89		95		40-140	7		50
Nitrobenzene	88		89		40-140	1		50
NDPA/DPA	94		99		36-157	5		50

Lab Control Sample Analysis

Batch Quality Control

Project Name: 38 MAIN ST

Lab Number: L2128683

Project Number: 11846

Report Date: 06/17/21

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 01 Batch: WG1509607-2 WG1509607-3								
n-Nitrosodi-n-propylamine	83		88		32-121	6		50
Bis(2-ethylhexyl)phthalate	108		114		40-140	5		50
Butyl benzyl phthalate	98		104		40-140	6		50
Di-n-butylphthalate	102		109		40-140	7		50
Di-n-octylphthalate	103		110		40-140	7		50
Diethyl phthalate	94		101		40-140	7		50
Dimethyl phthalate	89		95		40-140	7		50
Benzo(a)anthracene	91		97		40-140	6		50
Benzo(a)pyrene	98		104		40-140	6		50
Benzo(b)fluoranthene	89		92		40-140	3		50
Benzo(k)fluoranthene	100		108		40-140	8		50
Chrysene	96		100		40-140	4		50
Acenaphthylene	94		100		40-140	6		50
Anthracene	99		106		40-140	7		50
Benzo(ghi)perylene	96		102		40-140	6		50
Fluorene	95		100		40-140	5		50
Phenanthrene	95		102		40-140	7		50
Dibenzo(a,h)anthracene	99		105		40-140	6		50
Indeno(1,2,3-cd)pyrene	93		101		40-140	8		50
Pyrene	93		99		35-142	6		50
Biphenyl	92		99		37-127	7		50
4-Chloroaniline	84		91		40-140	8		50
2-Nitroaniline	93		99		47-134	6		50

Lab Control Sample Analysis

Batch Quality Control

Project Name: 38 MAIN ST

Lab Number: L2128683

Project Number: 11846

Report Date: 06/17/21

Parameter	LCS		LCSD		%Recovery Limits	RPD	RPD	
	%Recovery	Qual	%Recovery	Qual			Qual	Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 01 Batch: WG1509607-2 WG1509607-3								
3-Nitroaniline	85		91		26-129	7		50
4-Nitroaniline	89		96		41-125	8		50
Dibenzofuran	93		100		40-140	7		50
2-Methylnaphthalene	92		99		40-140	7		50
1,2,4,5-Tetrachlorobenzene	78		84		40-117	7		50
Acetophenone	90		94		14-144	4		50
2,4,6-Trichlorophenol	83		92		30-130	10		50
p-Chloro-m-cresol	94		101		26-103	7		50
2-Chlorophenol	94		99		25-102	5		50
2,4-Dichlorophenol	97		101		30-130	4		50
2,4-Dimethylphenol	95		100		30-130	5		50
2-Nitrophenol	91		94		30-130	3		50
4-Nitrophenol	88		89		11-114	1		50
2,4-Dinitrophenol	56		62		4-130	10		50
4,6-Dinitro-o-cresol	78		87		10-130	11		50
Pentachlorophenol	69		77		17-109	11		50
Phenol	95	Q	99	Q	26-90	4		50
2-Methylphenol	98		103		30-130	5		50
3-Methylphenol/4-Methylphenol	94		100		30-130	6		50
2,4,5-Trichlorophenol	88		96		30-130	9		50
Benzoic Acid	14		16		10-110	13		50
Benzyl Alcohol	89		95		40-140	7		50
Carbazole	102		107		54-128	5		50

Lab Control Sample Analysis Batch Quality Control

Project Name: 38 MAIN ST
Project Number: 11846

Lab Number: L2128683
Report Date: 06/17/21

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 01 Batch: WG1509607-2 WG1509607-3								
1,4-Dioxane	65		64		40-140	2		50

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
2-Fluorophenol	89		91		25-120
Phenol-d6	93		97		10-120
Nitrobenzene-d5	87		89		23-120
2-Fluorobiphenyl	88		96		30-120
2,4,6-Tribromophenol	82		91		10-136
4-Terphenyl-d14	87		92		18-120

PCBS

Project Name: 38 MAIN ST
Project Number: 11846

Lab Number: L2128683
Report Date: 06/17/21

SAMPLE RESULTS

Lab ID: L2128683-01
 Client ID: SB-2 (2.5-3)
 Sample Location: YONKERS, NY

Date Collected: 05/26/21 08:15
 Date Received: 05/28/21
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil
 Analytical Method: 1,8082A
 Analytical Date: 06/08/21 15:17
 Analyst: AWS
 Percent Solids: 88%

Extraction Method: EPA 3546
 Extraction Date: 06/07/21 08:17
 Cleanup Method: EPA 3665A
 Cleanup Date: 06/07/21
 Cleanup Method: EPA 3660B
 Cleanup Date: 06/08/21

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Polychlorinated Biphenyls by GC - Westborough Lab							
Aroclor 1016	ND		ug/kg	37.4	3.32	1	A
Aroclor 1221	ND		ug/kg	37.4	3.75	1	A
Aroclor 1232	ND		ug/kg	37.4	7.93	1	A
Aroclor 1242	ND		ug/kg	37.4	5.04	1	A
Aroclor 1248	ND		ug/kg	37.4	5.61	1	A
Aroclor 1254	14.9	J	ug/kg	37.4	4.09	1	B
Aroclor 1260	7.27	J	ug/kg	37.4	6.91	1	A
Aroclor 1262	ND		ug/kg	37.4	4.75	1	A
Aroclor 1268	ND		ug/kg	37.4	3.88	1	A
PCBs, Total	22.2	J	ug/kg	37.4	3.32	1	B

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	44		30-150	A
Decachlorobiphenyl	37		30-150	A
2,4,5,6-Tetrachloro-m-xylene	47		30-150	B
Decachlorobiphenyl	35		30-150	B

Project Name: 38 MAIN ST**Lab Number:** L2128683**Project Number:** 11846**Report Date:** 06/17/21**SAMPLE RESULTS**

Lab ID: L2128683-02
 Client ID: SB-2 (6.5-7)
 Sample Location: YONKERS, NY

Date Collected: 05/26/21 09:30
 Date Received: 05/28/21
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil
 Analytical Method: 1,8082A
 Analytical Date: 06/10/21 01:49
 Analyst: AWS
 Percent Solids: 87%

Extraction Method: EPA 3546
 Extraction Date: 06/08/21 00:28
 Cleanup Method: EPA 3665A
 Cleanup Date: 06/09/21
 Cleanup Method: EPA 3660B
 Cleanup Date: 06/09/21

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Polychlorinated Biphenyls by GC - Westborough Lab							
Aroclor 1016	ND		ug/kg	36.1	3.21	1	A
Aroclor 1221	ND		ug/kg	36.1	3.62	1	A
Aroclor 1232	ND		ug/kg	36.1	7.65	1	A
Aroclor 1242	ND		ug/kg	36.1	4.87	1	A
Aroclor 1248	ND		ug/kg	36.1	5.42	1	A
Aroclor 1254	ND		ug/kg	36.1	3.95	1	A
Aroclor 1260	ND		ug/kg	36.1	6.67	1	A
Aroclor 1262	ND		ug/kg	36.1	4.58	1	A
Aroclor 1268	ND		ug/kg	36.1	3.74	1	A
PCBs, Total	ND		ug/kg	36.1	3.21	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	62		30-150	A
Decachlorobiphenyl	55		30-150	A
2,4,5,6-Tetrachloro-m-xylene	68		30-150	B
Decachlorobiphenyl	69		30-150	B

Project Name: 38 MAIN ST**Lab Number:** L2128683**Project Number:** 11846**Report Date:** 06/17/21**SAMPLE RESULTS**

Lab ID: L2128683-03
 Client ID: SB-4 (2.5-3)
 Sample Location: YONKERS, NY

Date Collected: 05/26/21 14:30
 Date Received: 05/28/21
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil
 Analytical Method: 1,8082A
 Analytical Date: 06/10/21 01:56
 Analyst: AWS
 Percent Solids: 89%

Extraction Method: EPA 3546
 Extraction Date: 06/08/21 00:28
 Cleanup Method: EPA 3665A
 Cleanup Date: 06/09/21
 Cleanup Method: EPA 3660B
 Cleanup Date: 06/09/21

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Polychlorinated Biphenyls by GC - Westborough Lab							
Aroclor 1016	ND		ug/kg	36.9	3.28	1	A
Aroclor 1221	ND		ug/kg	36.9	3.70	1	A
Aroclor 1232	ND		ug/kg	36.9	7.83	1	A
Aroclor 1242	ND		ug/kg	36.9	4.98	1	A
Aroclor 1248	ND		ug/kg	36.9	5.54	1	A
Aroclor 1254	29.4	J	ug/kg	36.9	4.04	1	B
Aroclor 1260	6.82	J	ug/kg	36.9	6.82	1	B
Aroclor 1262	ND		ug/kg	36.9	4.69	1	A
Aroclor 1268	ND		ug/kg	36.9	3.83	1	A
PCBs, Total	36.2	J	ug/kg	36.9	3.28	1	B

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	61		30-150	A
Decachlorobiphenyl	52		30-150	A
2,4,5,6-Tetrachloro-m-xylene	69		30-150	B
Decachlorobiphenyl	68		30-150	B

Project Name: 38 MAIN ST**Lab Number:** L2128683**Project Number:** 11846**Report Date:** 06/17/21**SAMPLE RESULTS**

Lab ID: L2128683-04
 Client ID: SB-4 (5.5-6)
 Sample Location: YONKERS, NY

Date Collected: 05/26/21 14:40
 Date Received: 05/28/21
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil
 Analytical Method: 1,8082A
 Analytical Date: 06/10/21 02:03
 Analyst: AWS
 Percent Solids: 84%

Extraction Method: EPA 3546
 Extraction Date: 06/08/21 00:28
 Cleanup Method: EPA 3665A
 Cleanup Date: 06/09/21
 Cleanup Method: EPA 3660B
 Cleanup Date: 06/09/21

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Polychlorinated Biphenyls by GC - Westborough Lab							
Aroclor 1016	ND		ug/kg	37.7	3.35	1	A
Aroclor 1221	ND		ug/kg	37.7	3.78	1	A
Aroclor 1232	ND		ug/kg	37.7	7.99	1	A
Aroclor 1242	ND		ug/kg	37.7	5.08	1	A
Aroclor 1248	ND		ug/kg	37.7	5.65	1	A
Aroclor 1254	ND		ug/kg	37.7	4.12	1	A
Aroclor 1260	ND		ug/kg	37.7	6.96	1	A
Aroclor 1262	ND		ug/kg	37.7	4.79	1	A
Aroclor 1268	ND		ug/kg	37.7	3.90	1	A
PCBs, Total	ND		ug/kg	37.7	3.35	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	64		30-150	A
Decachlorobiphenyl	56		30-150	A
2,4,5,6-Tetrachloro-m-xylene	69		30-150	B
Decachlorobiphenyl	68		30-150	B

Project Name: 38 MAIN ST**Lab Number:** L2128683**Project Number:** 11846**Report Date:** 06/17/21**SAMPLE RESULTS**

Lab ID: L2128683-05
 Client ID: SB-5 (3.5-4)
 Sample Location: YONKERS, NY

Date Collected: 05/26/21 15:00
 Date Received: 05/28/21
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil
 Analytical Method: 1,8082A
 Analytical Date: 06/10/21 02:10
 Analyst: AWS
 Percent Solids: 93%

Extraction Method: EPA 3546
 Extraction Date: 06/08/21 00:28
 Cleanup Method: EPA 3665A
 Cleanup Date: 06/09/21
 Cleanup Method: EPA 3660B
 Cleanup Date: 06/09/21

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Polychlorinated Biphenyls by GC - Westborough Lab							
Aroclor 1016	ND		ug/kg	35.1	3.12	1	A
Aroclor 1221	ND		ug/kg	35.1	3.52	1	A
Aroclor 1232	ND		ug/kg	35.1	7.44	1	A
Aroclor 1242	ND		ug/kg	35.1	4.73	1	A
Aroclor 1248	ND		ug/kg	35.1	5.26	1	A
Aroclor 1254	29.2	J	ug/kg	35.1	3.84	1	B
Aroclor 1260	ND		ug/kg	35.1	6.48	1	A
Aroclor 1262	ND		ug/kg	35.1	4.46	1	A
Aroclor 1268	ND		ug/kg	35.1	3.64	1	A
PCBs, Total	29.2	J	ug/kg	35.1	3.12	1	B

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	59		30-150	A
Decachlorobiphenyl	51		30-150	A
2,4,5,6-Tetrachloro-m-xylene	65		30-150	B
Decachlorobiphenyl	67		30-150	B

Project Name: 38 MAIN ST**Lab Number:** L2128683**Project Number:** 11846**Report Date:** 06/17/21**SAMPLE RESULTS**

Lab ID: L2128683-06
 Client ID: SB-5 (6.5-7)
 Sample Location: YONKERS, NY

Date Collected: 05/26/21 15:10
 Date Received: 05/28/21
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil
 Analytical Method: 1,8082A
 Analytical Date: 06/10/21 02:17
 Analyst: AWS
 Percent Solids: 76%

Extraction Method: EPA 3546
 Extraction Date: 06/08/21 00:28
 Cleanup Method: EPA 3665A
 Cleanup Date: 06/09/21
 Cleanup Method: EPA 3660B
 Cleanup Date: 06/09/21

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Polychlorinated Biphenyls by GC - Westborough Lab							
Aroclor 1016	ND		ug/kg	43.1	3.83	1	A
Aroclor 1221	ND		ug/kg	43.1	4.32	1	A
Aroclor 1232	ND		ug/kg	43.1	9.14	1	A
Aroclor 1242	ND		ug/kg	43.1	5.82	1	A
Aroclor 1248	ND		ug/kg	43.1	6.47	1	A
Aroclor 1254	21.8	JP	ug/kg	43.1	4.72	1	B
Aroclor 1260	ND		ug/kg	43.1	7.97	1	A
Aroclor 1262	ND		ug/kg	43.1	5.48	1	A
Aroclor 1268	ND		ug/kg	43.1	4.47	1	A
PCBs, Total	21.8	J	ug/kg	43.1	3.83	1	B

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	64		30-150	A
Decachlorobiphenyl	53		30-150	A
2,4,5,6-Tetrachloro-m-xylene	67		30-150	B
Decachlorobiphenyl	68		30-150	B

Project Name: 38 MAIN ST**Lab Number:** L2128683**Project Number:** 11846**Report Date:** 06/17/21**SAMPLE RESULTS**

Lab ID: L2128683-07
 Client ID: SB-1 GW
 Sample Location: YONKERS, NY

Date Collected: 05/26/21 09:00
 Date Received: 05/28/21
 Field Prep: Not Specified

Sample Depth:

Matrix: Water
 Analytical Method: 1,8082A
 Analytical Date: 06/01/21 18:11
 Analyst: AWS

Extraction Method: EPA 3510C
 Extraction Date: 05/31/21 21:30
 Cleanup Method: EPA 3665A
 Cleanup Date: 06/01/21
 Cleanup Method: EPA 3660B
 Cleanup Date: 06/01/21

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Polychlorinated Biphenyls by GC - Westborough Lab							
Aroclor 1016	ND		ug/l	0.071	0.061	1	A
Aroclor 1221	ND		ug/l	0.071	0.061	1	A
Aroclor 1232	ND		ug/l	0.071	0.061	1	A
Aroclor 1242	ND		ug/l	0.071	0.061	1	A
Aroclor 1248	ND		ug/l	0.071	0.061	1	A
Aroclor 1254	ND		ug/l	0.071	0.061	1	B
Aroclor 1260	ND		ug/l	0.071	0.061	1	A
Aroclor 1262	ND		ug/l	0.071	0.061	1	A
Aroclor 1268	ND		ug/l	0.071	0.061	1	A
PCBs, Total	ND		ug/l	0.071	0.061	1	B

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	62		30-150	A
Decachlorobiphenyl	41		30-150	A
2,4,5,6-Tetrachloro-m-xylene	65		30-150	B
Decachlorobiphenyl	41		30-150	B

Project Name: 38 MAIN ST**Lab Number:** L2128683**Project Number:** 11846**Report Date:** 06/17/21**SAMPLE RESULTS**

Lab ID: L2128683-08
 Client ID: SB-3 GW
 Sample Location: YONKERS, NY

Date Collected: 05/26/21 10:30
 Date Received: 05/28/21
 Field Prep: Not Specified

Sample Depth:

Matrix: Water
 Analytical Method: 1,8082A
 Analytical Date: 06/02/21 21:20
 Analyst: AWS

Extraction Method: EPA 3510C
 Extraction Date: 06/01/21 09:25
 Cleanup Method: EPA 3665A
 Cleanup Date: 06/02/21
 Cleanup Method: EPA 3660B
 Cleanup Date: 06/02/21

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Polychlorinated Biphenyls by GC - Westborough Lab							
Aroclor 1016	ND		ug/l	0.071	0.061	1	A
Aroclor 1221	ND		ug/l	0.071	0.061	1	A
Aroclor 1232	ND		ug/l	0.071	0.061	1	A
Aroclor 1242	ND		ug/l	0.071	0.061	1	A
Aroclor 1248	ND		ug/l	0.071	0.061	1	A
Aroclor 1254	0.089		ug/l	0.071	0.061	1	B
Aroclor 1260	ND		ug/l	0.071	0.061	1	A
Aroclor 1262	ND		ug/l	0.071	0.061	1	A
Aroclor 1268	ND		ug/l	0.071	0.061	1	A
PCBs, Total	0.089		ug/l	0.071	0.061	1	B

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	57		30-150	A
Decachlorobiphenyl	48		30-150	A
2,4,5,6-Tetrachloro-m-xylene	63		30-150	B
Decachlorobiphenyl	59		30-150	B

Project Name: 38 MAIN ST
Project Number: 11846

Lab Number: L2128683
Report Date: 06/17/21

**Method Blank Analysis
Batch Quality Control**

Analytical Method: 1,8082A
Analytical Date: 06/01/21 16:14
Analyst: AWS

Extraction Method: EPA 3510C
Extraction Date: 05/31/21 18:29
Cleanup Method: EPA 3665A
Cleanup Date: 06/01/21
Cleanup Method: EPA 3660B
Cleanup Date: 06/01/21

Parameter	Result	Qualifier	Units	RL	MDL	Column
Polychlorinated Biphenyls by GC - Westborough Lab for sample(s): 07 Batch: WG1505806-1						
Aroclor 1016	ND		ug/l	0.071	0.061	A
Aroclor 1221	ND		ug/l	0.071	0.061	A
Aroclor 1232	ND		ug/l	0.071	0.061	A
Aroclor 1242	ND		ug/l	0.071	0.061	A
Aroclor 1248	ND		ug/l	0.071	0.061	A
Aroclor 1260	ND		ug/l	0.071	0.061	A
Aroclor 1262	ND		ug/l	0.071	0.061	A
Aroclor 1268	ND		ug/l	0.071	0.061	A
Aroclor 1254	ND		ug/l	0.071	0.061	B
PCBs, Total	ND		ug/l	0.071	0.061	B

Surrogate	%Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	65		30-150	A
Decachlorobiphenyl	65		30-150	A
2,4,5,6-Tetrachloro-m-xylene	71		30-150	B
Decachlorobiphenyl	72		30-150	B

Project Name: 38 MAIN ST
Project Number: 11846

Lab Number: L2128683
Report Date: 06/17/21

**Method Blank Analysis
Batch Quality Control**

Analytical Method: 1,8082A
Analytical Date: 06/02/21 19:46
Analyst: AWS

Extraction Method: EPA 3510C
Extraction Date: 06/01/21 09:25
Cleanup Method: EPA 3665A
Cleanup Date: 06/02/21
Cleanup Method: EPA 3660B
Cleanup Date: 06/02/21

Parameter	Result	Qualifier	Units	RL	MDL	Column
Polychlorinated Biphenyls by GC - Westborough Lab for sample(s): 08 Batch: WG1505922-1						
Aroclor 1016	ND		ug/l	0.071	0.061	A
Aroclor 1221	ND		ug/l	0.071	0.061	A
Aroclor 1232	ND		ug/l	0.071	0.061	A
Aroclor 1242	ND		ug/l	0.071	0.061	A
Aroclor 1248	ND		ug/l	0.071	0.061	A
Aroclor 1260	ND		ug/l	0.071	0.061	A
Aroclor 1262	ND		ug/l	0.071	0.061	A
Aroclor 1268	ND		ug/l	0.071	0.061	A
Aroclor 1254	ND		ug/l	0.071	0.061	B
PCBs, Total	ND		ug/l	0.071	0.061	B

Surrogate	%Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	64		30-150	A
Decachlorobiphenyl	66		30-150	A
2,4,5,6-Tetrachloro-m-xylene	71		30-150	B
Decachlorobiphenyl	74		30-150	B

Project Name: 38 MAIN ST
Project Number: 11846

Lab Number: L2128683
Report Date: 06/17/21

**Method Blank Analysis
Batch Quality Control**

Analytical Method: 1,8082A
Analytical Date: 06/07/21 20:08
Analyst: CW

Extraction Method: EPA 3546
Extraction Date: 06/07/21 04:23
Cleanup Method: EPA 3665A
Cleanup Date: 06/07/21
Cleanup Method: EPA 3660B
Cleanup Date: 06/07/21

Parameter	Result	Qualifier	Units	RL	MDL	Column
Polychlorinated Biphenyls by GC - Westborough Lab for sample(s): 01 Batch: WG1508314-1						
Aroclor 1016	ND		ug/kg	31.7	2.82	A
Aroclor 1221	ND		ug/kg	31.7	3.18	A
Aroclor 1232	ND		ug/kg	31.7	6.73	A
Aroclor 1242	ND		ug/kg	31.7	4.28	A
Aroclor 1248	ND		ug/kg	31.7	4.76	A
Aroclor 1254	ND		ug/kg	31.7	3.47	A
Aroclor 1260	ND		ug/kg	31.7	5.87	A
Aroclor 1262	ND		ug/kg	31.7	4.03	A
Aroclor 1268	ND		ug/kg	31.7	3.29	A
PCBs, Total	ND		ug/kg	31.7	2.82	A

Surrogate	%Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	65		30-150	A
Decachlorobiphenyl	70		30-150	A
2,4,5,6-Tetrachloro-m-xylene	69		30-150	B
Decachlorobiphenyl	78		30-150	B

Project Name: 38 MAIN ST
Project Number: 11846

Lab Number: L2128683
Report Date: 06/17/21

**Method Blank Analysis
Batch Quality Control**

Analytical Method: 1,8082A
Analytical Date: 06/10/21 01:07
Analyst: AWS

Extraction Method: EPA 3546
Extraction Date: 06/08/21 00:24
Cleanup Method: EPA 3665A
Cleanup Date: 06/09/21
Cleanup Method: EPA 3660B
Cleanup Date: 06/09/21

Parameter	Result	Qualifier	Units	RL	MDL	Column
Polychlorinated Biphenyls by GC - Westborough Lab for sample(s): 02-06 Batch: WG1508788-1						
Aroclor 1016	ND		ug/kg	31.9	2.83	A
Aroclor 1221	ND		ug/kg	31.9	3.19	A
Aroclor 1232	ND		ug/kg	31.9	6.76	A
Aroclor 1242	ND		ug/kg	31.9	4.30	A
Aroclor 1248	ND		ug/kg	31.9	4.78	A
Aroclor 1254	ND		ug/kg	31.9	3.49	A
Aroclor 1260	ND		ug/kg	31.9	5.89	A
Aroclor 1262	ND		ug/kg	31.9	4.05	A
Aroclor 1268	ND		ug/kg	31.9	3.30	A
PCBs, Total	ND		ug/kg	31.9	2.83	A

Surrogate	%Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	68		30-150	A
Decachlorobiphenyl	57		30-150	A
2,4,5,6-Tetrachloro-m-xylene	70		30-150	B
Decachlorobiphenyl	64		30-150	B

Lab Control Sample Analysis Batch Quality Control

Project Name: 38 MAIN ST
Project Number: 11846

Lab Number: L2128683
Report Date: 06/17/21

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits	Column
Polychlorinated Biphenyls by GC - Westborough Lab Associated sample(s): 07 Batch: WG1505806-2 WG1505806-3									
Aroclor 1016	52		53		40-140	1		50	A
Aroclor 1260	54		59		40-140	10		50	A

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	60		58		30-150	A
Decachlorobiphenyl	58		55		30-150	A
2,4,5,6-Tetrachloro-m-xylene	62		61		30-150	B
Decachlorobiphenyl	66		64		30-150	B

Lab Control Sample Analysis

Batch Quality Control

Project Name: 38 MAIN ST

Project Number: 11846

Lab Number: L2128683

Report Date: 06/17/21

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits	Column
Polychlorinated Biphenyls by GC - Westborough Lab Associated sample(s): 08 Batch: WG1505922-2 WG1505922-3									
Aroclor 1016	65		53		40-140	20		50	A
Aroclor 1260	65		54		40-140	19		50	A

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	70		57		30-150	A
Decachlorobiphenyl	66		54		30-150	A
2,4,5,6-Tetrachloro-m-xylene	76		64		30-150	B
Decachlorobiphenyl	74		65		30-150	B

Lab Control Sample Analysis Batch Quality Control

Project Name: 38 MAIN ST
Project Number: 11846

Lab Number: L2128683
Report Date: 06/17/21

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits	Column
Polychlorinated Biphenyls by GC - Westborough Lab Associated sample(s): 01 Batch: WG1508314-2 WG1508314-3									
Aroclor 1016	82		80		40-140	2		50	A
Aroclor 1260	83		83		40-140	0		50	A

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	73		71		30-150	A
Decachlorobiphenyl	80		80		30-150	A
2,4,5,6-Tetrachloro-m-xylene	77		76		30-150	B
Decachlorobiphenyl	87		87		30-150	B

Lab Control Sample Analysis

Batch Quality Control

Project Name: 38 MAIN ST

Project Number: 11846

Lab Number: L2128683

Report Date: 06/17/21

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits	Column
Polychlorinated Biphenyls by GC - Westborough Lab Associated sample(s): 02-06 Batch: WG1508788-2 WG1508788-3									
Aroclor 1016	74		75		40-140	1		50	A
Aroclor 1260	66		66		40-140	0		50	A

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	74		73		30-150	A
Decachlorobiphenyl	62		63		30-150	A
2,4,5,6-Tetrachloro-m-xylene	77		74		30-150	B
Decachlorobiphenyl	74		68		30-150	B

PESTICIDES

Project Name: 38 MAIN ST**Lab Number:** L2128683**Project Number:** 11846**Report Date:** 06/17/21**SAMPLE RESULTS**

Lab ID: L2128683-01 D

Date Collected: 05/26/21 08:15

Client ID: SB-2 (2.5-3)

Date Received: 05/28/21

Sample Location: YONKERS, NY

Field Prep: Not Specified

Sample Depth:

Matrix: Soil

Extraction Method: EPA 3546

Analytical Method: 1,8081B

Extraction Date: 06/07/21 13:09

Analytical Date: 06/08/21 18:48

Cleanup Method: EPA 3620B

Analyst: JMC

Cleanup Date: 06/08/21

Percent Solids: 88%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							
Delta-BHC	ND		ug/kg	9.06	1.77	5	A
Lindane	ND		ug/kg	3.78	1.69	5	A
Alpha-BHC	ND		ug/kg	3.78	1.07	5	A
Beta-BHC	ND		ug/kg	9.06	3.44	5	A
Heptachlor	ND		ug/kg	4.53	2.03	5	A
Aldrin	ND		ug/kg	9.06	3.19	5	A
Heptachlor epoxide	ND		ug/kg	17.0	5.10	5	A
Endrin	ND		ug/kg	3.78	1.55	5	A
Endrin aldehyde	ND		ug/kg	11.3	3.96	5	A
Endrin ketone	ND		ug/kg	9.06	2.33	5	A
Dieldrin	ND		ug/kg	5.66	2.83	5	A
4,4'-DDE	ND		ug/kg	9.06	2.10	5	A
4,4'-DDD	ND		ug/kg	9.06	3.23	5	A
4,4'-DDT	ND		ug/kg	17.0	7.29	5	A
Endosulfan I	ND		ug/kg	9.06	2.14	5	A
Endosulfan II	ND		ug/kg	9.06	3.03	5	A
Endosulfan sulfate	ND		ug/kg	3.78	1.80	5	A
Methoxychlor	ND		ug/kg	17.0	5.28	5	A
Toxaphene	ND		ug/kg	170	47.6	5	A
cis-Chlordane	ND		ug/kg	11.3	3.16	5	A
trans-Chlordane	ND		ug/kg	11.3	2.99	5	A
Chlordane	ND		ug/kg	75.5	30.0	5	A

Project Name: 38 MAIN ST**Lab Number:** L2128683**Project Number:** 11846**Report Date:** 06/17/21**SAMPLE RESULTS**

Lab ID: L2128683-01 D

Date Collected: 05/26/21 08:15

Client ID: SB-2 (2.5-3)

Date Received: 05/28/21

Sample Location: YONKERS, NY

Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	74		30-150	A
Decachlorobiphenyl	56		30-150	A
2,4,5,6-Tetrachloro-m-xylene	73		30-150	B
Decachlorobiphenyl	65		30-150	B

Project Name: 38 MAIN ST

Lab Number: L2128683

Project Number: 11846

Report Date: 06/17/21

SAMPLE RESULTS

Lab ID: L2128683-02
 Client ID: SB-2 (6.5-7)
 Sample Location: YONKERS, NY

Date Collected: 05/26/21 09:30
 Date Received: 05/28/21
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil
 Analytical Method: 1,8081B
 Analytical Date: 06/09/21 13:13
 Analyst: JMC
 Percent Solids: 87%

Extraction Method: EPA 3546
 Extraction Date: 06/08/21 03:31
 Cleanup Method: EPA 3620B
 Cleanup Date: 06/08/21

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							
Delta-BHC	ND		ug/kg	1.76	0.344	1	A
Lindane	ND		ug/kg	0.732	0.327	1	A
Alpha-BHC	ND		ug/kg	0.732	0.208	1	A
Beta-BHC	ND		ug/kg	1.76	0.666	1	A
Heptachlor	ND		ug/kg	0.879	0.394	1	A
Aldrin	ND		ug/kg	1.76	0.619	1	A
Heptachlor epoxide	ND		ug/kg	3.30	0.989	1	A
Endrin	ND		ug/kg	0.732	0.300	1	A
Endrin aldehyde	ND		ug/kg	2.20	0.769	1	A
Endrin ketone	ND		ug/kg	1.76	0.452	1	A
Dieldrin	ND		ug/kg	1.10	0.549	1	A
4,4'-DDE	ND		ug/kg	1.76	0.406	1	A
4,4'-DDD	ND		ug/kg	1.76	0.627	1	A
4,4'-DDT	ND		ug/kg	3.30	1.41	1	A
Endosulfan I	ND		ug/kg	1.76	0.415	1	A
Endosulfan II	ND		ug/kg	1.76	0.587	1	A
Endosulfan sulfate	ND		ug/kg	0.732	0.348	1	A
Methoxychlor	ND		ug/kg	3.30	1.02	1	A
Toxaphene	ND		ug/kg	33.0	9.23	1	A
cis-Chlordane	ND		ug/kg	2.20	0.612	1	A
trans-Chlordane	ND		ug/kg	2.20	0.580	1	A
Chlordane	ND		ug/kg	14.6	5.82	1	A

Project Name: 38 MAIN ST**Lab Number:** L2128683**Project Number:** 11846**Report Date:** 06/17/21**SAMPLE RESULTS**

Lab ID: L2128683-02

Date Collected: 05/26/21 09:30

Client ID: SB-2 (6.5-7)

Date Received: 05/28/21

Sample Location: YONKERS, NY

Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	57		30-150	A
Decachlorobiphenyl	66		30-150	A
2,4,5,6-Tetrachloro-m-xylene	64		30-150	B
Decachlorobiphenyl	74		30-150	B

Project Name: 38 MAIN ST

Lab Number: L2128683

Project Number: 11846

Report Date: 06/17/21

SAMPLE RESULTS

Lab ID: L2128683-03
 Client ID: SB-4 (2.5-3)
 Sample Location: YONKERS, NY

Date Collected: 05/26/21 14:30
 Date Received: 05/28/21
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil
 Analytical Method: 1,8081B
 Analytical Date: 06/09/21 13:24
 Analyst: JMC
 Percent Solids: 89%

Extraction Method: EPA 3546
 Extraction Date: 06/08/21 03:31
 Cleanup Method: EPA 3620B
 Cleanup Date: 06/08/21

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							
Delta-BHC	ND		ug/kg	1.80	0.352	1	A
Lindane	ND		ug/kg	0.748	0.334	1	A
Alpha-BHC	ND		ug/kg	0.748	0.212	1	A
Beta-BHC	ND		ug/kg	1.80	0.681	1	A
Heptachlor	1.05	P	ug/kg	0.898	0.402	1	A
Aldrin	ND		ug/kg	1.80	0.632	1	A
Heptachlor epoxide	ND		ug/kg	3.37	1.01	1	A
Endrin	ND		ug/kg	0.748	0.307	1	A
Endrin aldehyde	ND		ug/kg	2.24	0.785	1	A
Endrin ketone	ND		ug/kg	1.80	0.462	1	A
Dieldrin	ND		ug/kg	1.12	0.561	1	A
4,4'-DDE	ND		ug/kg	1.80	0.415	1	A
4,4'-DDD	ND		ug/kg	1.80	0.640	1	A
4,4'-DDT	ND		ug/kg	3.37	1.44	1	A
Endosulfan I	ND		ug/kg	1.80	0.424	1	A
Endosulfan II	ND		ug/kg	1.80	0.600	1	A
Endosulfan sulfate	ND		ug/kg	0.748	0.356	1	A
Methoxychlor	ND		ug/kg	3.37	1.05	1	A
Toxaphene	ND		ug/kg	33.7	9.42	1	A
cis-Chlordane	15.5		ug/kg	2.24	0.625	1	A
trans-Chlordane	11.9		ug/kg	2.24	0.592	1	A
Chlordane	92.1		ug/kg	15.0	5.95	1	B

Project Name: 38 MAIN ST**Lab Number:** L2128683**Project Number:** 11846**Report Date:** 06/17/21**SAMPLE RESULTS**

Lab ID: L2128683-03
 Client ID: SB-4 (2.5-3)
 Sample Location: YONKERS, NY

Date Collected: 05/26/21 14:30
 Date Received: 05/28/21
 Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	56		30-150	A
Decachlorobiphenyl	37		30-150	A
2,4,5,6-Tetrachloro-m-xylene	58		30-150	B
Decachlorobiphenyl	91		30-150	B

Project Name: 38 MAIN ST**Lab Number:** L2128683**Project Number:** 11846**Report Date:** 06/17/21**SAMPLE RESULTS**

Lab ID: L2128683-04
 Client ID: SB-4 (5.5-6)
 Sample Location: YONKERS, NY

Date Collected: 05/26/21 14:40
 Date Received: 05/28/21
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil
 Analytical Method: 1,8081B
 Analytical Date: 06/09/21 13:35
 Analyst: JMC
 Percent Solids: 84%

Extraction Method: EPA 3546
 Extraction Date: 06/08/21 03:31
 Cleanup Method: EPA 3620B
 Cleanup Date: 06/08/21

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							
Delta-BHC	ND		ug/kg	1.83	0.358	1	A
Lindane	ND		ug/kg	0.761	0.340	1	A
Alpha-BHC	ND		ug/kg	0.761	0.216	1	A
Beta-BHC	ND		ug/kg	1.83	0.693	1	A
Heptachlor	ND		ug/kg	0.914	0.410	1	A
Aldrin	ND		ug/kg	1.83	0.643	1	A
Heptachlor epoxide	ND		ug/kg	3.43	1.03	1	A
Endrin	ND		ug/kg	0.761	0.312	1	A
Endrin aldehyde	ND		ug/kg	2.28	0.800	1	A
Endrin ketone	ND		ug/kg	1.83	0.470	1	A
Dieldrin	ND		ug/kg	1.14	0.571	1	A
4,4'-DDE	ND		ug/kg	1.83	0.423	1	A
4,4'-DDD	ND		ug/kg	1.83	0.652	1	A
4,4'-DDT	ND		ug/kg	3.43	1.47	1	A
Endosulfan I	ND		ug/kg	1.83	0.432	1	A
Endosulfan II	ND		ug/kg	1.83	0.611	1	A
Endosulfan sulfate	ND		ug/kg	0.761	0.362	1	A
Methoxychlor	ND		ug/kg	3.43	1.07	1	A
Toxaphene	ND		ug/kg	34.3	9.59	1	A
cis-Chlordane	18.1		ug/kg	2.28	0.636	1	A
trans-Chlordane	13.6		ug/kg	2.28	0.603	1	A
Chlordane	89.6		ug/kg	15.2	6.05	1	B

Project Name: 38 MAIN ST**Lab Number:** L2128683**Project Number:** 11846**Report Date:** 06/17/21**SAMPLE RESULTS**

Lab ID: L2128683-04

Date Collected: 05/26/21 14:40

Client ID: SB-4 (5.5-6)

Date Received: 05/28/21

Sample Location: YONKERS, NY

Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	60		30-150	A
Decachlorobiphenyl	54		30-150	A
2,4,5,6-Tetrachloro-m-xylene	64		30-150	B
Decachlorobiphenyl	101		30-150	B

Project Name: 38 MAIN ST

Lab Number: L2128683

Project Number: 11846

Report Date: 06/17/21

SAMPLE RESULTS

Lab ID: L2128683-05 D
 Client ID: SB-5 (3.5-4)
 Sample Location: YONKERS, NY

Date Collected: 05/26/21 15:00
 Date Received: 05/28/21
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil
 Analytical Method: 1,8081B
 Analytical Date: 06/09/21 13:46
 Analyst: JMC
 Percent Solids: 93%

Extraction Method: EPA 3546
 Extraction Date: 06/08/21 03:31
 Cleanup Method: EPA 3620B
 Cleanup Date: 06/09/21

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							
Delta-BHC	ND		ug/kg	8.49	1.66	5	A
Lindane	ND		ug/kg	3.54	1.58	5	A
Alpha-BHC	ND		ug/kg	3.54	1.00	5	A
Beta-BHC	ND		ug/kg	8.49	3.22	5	A
Heptachlor	2.25	JP	ug/kg	4.24	1.90	5	A
Aldrin	ND		ug/kg	8.49	2.99	5	A
Heptachlor epoxide	ND		ug/kg	15.9	4.78	5	A
Endrin	ND		ug/kg	3.54	1.45	5	A
Endrin aldehyde	ND		ug/kg	10.6	3.71	5	A
Endrin ketone	ND		ug/kg	8.49	2.18	5	A
Dieldrin	ND		ug/kg	5.30	2.65	5	A
4,4'-DDE	ND		ug/kg	8.49	1.96	5	A
4,4'-DDD	ND		ug/kg	8.49	3.03	5	A
4,4'-DDT	ND		ug/kg	15.9	6.83	5	A
Endosulfan I	ND		ug/kg	8.49	2.00	5	A
Endosulfan II	ND		ug/kg	8.49	2.84	5	A
Endosulfan sulfate	ND		ug/kg	3.54	1.68	5	A
Methoxychlor	ND		ug/kg	15.9	4.95	5	A
Toxaphene	ND		ug/kg	159	44.6	5	A
cis-Chlordane	21.0		ug/kg	10.6	2.96	5	A
trans-Chlordane	17.7		ug/kg	10.6	2.80	5	A
Chlordane	151	P	ug/kg	70.7	28.1	5	A

Project Name: 38 MAIN ST**Lab Number:** L2128683**Project Number:** 11846**Report Date:** 06/17/21**SAMPLE RESULTS**

Lab ID: L2128683-05 D

Date Collected: 05/26/21 15:00

Client ID: SB-5 (3.5-4)

Date Received: 05/28/21

Sample Location: YONKERS, NY

Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	72		30-150	A
Decachlorobiphenyl	32		30-150	A
2,4,5,6-Tetrachloro-m-xylene	60		30-150	B
Decachlorobiphenyl	95		30-150	B

Project Name: 38 MAIN ST

Lab Number: L2128683

Project Number: 11846

Report Date: 06/17/21

SAMPLE RESULTS

Lab ID: L2128683-06
 Client ID: SB-5 (6.5-7)
 Sample Location: YONKERS, NY

Date Collected: 05/26/21 15:10
 Date Received: 05/28/21
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil
 Analytical Method: 1,8081B
 Analytical Date: 06/09/21 13:57
 Analyst: JMC
 Percent Solids: 76%

Extraction Method: EPA 3546
 Extraction Date: 06/08/21 03:31
 Cleanup Method: EPA 3620B
 Cleanup Date: 06/09/21

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							
Delta-BHC	ND		ug/kg	2.07	0.405	1	A
Lindane	ND		ug/kg	0.861	0.385	1	A
Alpha-BHC	ND		ug/kg	0.861	0.244	1	A
Beta-BHC	ND		ug/kg	2.07	0.784	1	A
Heptachlor	0.468	J	ug/kg	1.03	0.463	1	A
Aldrin	ND		ug/kg	2.07	0.728	1	A
Heptachlor epoxide	ND		ug/kg	3.88	1.16	1	B
Endrin	ND		ug/kg	0.861	0.353	1	A
Endrin aldehyde	ND		ug/kg	2.58	0.904	1	A
Endrin ketone	ND		ug/kg	2.07	0.532	1	A
Dieldrin	ND		ug/kg	1.29	0.646	1	A
4,4'-DDE	ND		ug/kg	2.07	0.478	1	A
4,4'-DDD	ND		ug/kg	2.07	0.737	1	A
4,4'-DDT	ND		ug/kg	3.88	1.66	1	A
Endosulfan I	ND		ug/kg	2.07	0.488	1	A
Endosulfan II	ND		ug/kg	2.07	0.691	1	A
Endosulfan sulfate	ND		ug/kg	0.861	0.410	1	A
Methoxychlor	ND		ug/kg	3.88	1.20	1	A
Toxaphene	ND		ug/kg	38.8	10.8	1	A
cis-Chlordane	6.34		ug/kg	2.58	0.720	1	A
trans-Chlordane	5.91		ug/kg	2.58	0.682	1	A
Chlordane	52.7		ug/kg	17.2	6.85	1	A

Project Name: 38 MAIN ST**Lab Number:** L2128683**Project Number:** 11846**Report Date:** 06/17/21**SAMPLE RESULTS**

Lab ID: L2128683-06
 Client ID: SB-5 (6.5-7)
 Sample Location: YONKERS, NY

Date Collected: 05/26/21 15:10
 Date Received: 05/28/21
 Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	46		30-150	A
Decachlorobiphenyl	46		30-150	A
2,4,5,6-Tetrachloro-m-xylene	50		30-150	B
Decachlorobiphenyl	64		30-150	B

Project Name: 38 MAIN ST

Lab Number: L2128683

Project Number: 11846

Report Date: 06/17/21

SAMPLE RESULTS

Lab ID: L2128683-07
 Client ID: SB-1 GW
 Sample Location: YONKERS, NY

Date Collected: 05/26/21 09:00
 Date Received: 05/28/21
 Field Prep: Not Specified

Sample Depth:

Matrix: Water
 Analytical Method: 1,8081B
 Analytical Date: 06/02/21 00:42
 Analyst: EJJ

Extraction Method: EPA 3510C
 Extraction Date: 06/01/21 00:40

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							
Delta-BHC	ND		ug/l	0.014	0.003	1	A
Lindane	ND		ug/l	0.014	0.003	1	A
Alpha-BHC	ND		ug/l	0.014	0.003	1	A
Beta-BHC	ND		ug/l	0.014	0.004	1	A
Heptachlor	ND		ug/l	0.014	0.002	1	A
Aldrin	ND		ug/l	0.014	0.002	1	A
Heptachlor epoxide	ND		ug/l	0.014	0.003	1	A
Endrin	ND		ug/l	0.029	0.003	1	A
Endrin aldehyde	ND		ug/l	0.029	0.006	1	A
Endrin ketone	ND		ug/l	0.029	0.003	1	A
Dieldrin	ND		ug/l	0.029	0.003	1	A
4,4'-DDE	ND		ug/l	0.029	0.003	1	A
4,4'-DDD	ND		ug/l	0.029	0.003	1	A
4,4'-DDT	ND		ug/l	0.029	0.003	1	A
Endosulfan I	ND		ug/l	0.014	0.002	1	A
Endosulfan II	ND		ug/l	0.029	0.004	1	A
Endosulfan sulfate	ND		ug/l	0.029	0.003	1	A
Methoxychlor	ND		ug/l	0.143	0.005	1	A
Toxaphene	ND		ug/l	0.143	0.045	1	A
cis-Chlordane	ND		ug/l	0.014	0.005	1	A
trans-Chlordane	ND		ug/l	0.014	0.004	1	A
Chlordane	ND		ug/l	0.143	0.033	1	A

Project Name: 38 MAIN ST**Lab Number:** L2128683**Project Number:** 11846**Report Date:** 06/17/21**SAMPLE RESULTS**

Lab ID: L2128683-07

Date Collected: 05/26/21 09:00

Client ID: SB-1 GW

Date Received: 05/28/21

Sample Location: YONKERS, NY

Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	62		30-150	A
Decachlorobiphenyl	36		30-150	A
2,4,5,6-Tetrachloro-m-xylene	75		30-150	B
Decachlorobiphenyl	36		30-150	B

Project Name: 38 MAIN ST**Lab Number:** L2128683**Project Number:** 11846**Report Date:** 06/17/21**SAMPLE RESULTS**

Lab ID: L2128683-08
 Client ID: SB-3 GW
 Sample Location: YONKERS, NY

Date Collected: 05/26/21 10:30
 Date Received: 05/28/21
 Field Prep: Not Specified

Sample Depth:

Matrix: Water
 Analytical Method: 1,8081B
 Analytical Date: 06/09/21 09:39
 Analyst: JMC

Extraction Method: EPA 3510C
 Extraction Date: 06/08/21 19:22

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							
Delta-BHC	ND		ug/l	0.017	0.004	1	A
Lindane	ND		ug/l	0.017	0.004	1	A
Alpha-BHC	ND		ug/l	0.017	0.004	1	A
Beta-BHC	ND		ug/l	0.017	0.005	1	A
Heptachlor	ND		ug/l	0.017	0.003	1	A
Aldrin	ND		ug/l	0.017	0.002	1	A
Heptachlor epoxide	ND		ug/l	0.017	0.003	1	A
Endrin	ND		ug/l	0.033	0.004	1	A
Endrin aldehyde	ND		ug/l	0.033	0.007	1	A
Endrin ketone	ND		ug/l	0.033	0.004	1	A
Dieldrin	ND		ug/l	0.033	0.004	1	A
4,4'-DDE	ND		ug/l	0.033	0.003	1	A
4,4'-DDD	ND		ug/l	0.033	0.004	1	A
4,4'-DDT	ND		ug/l	0.033	0.004	1	A
Endosulfan I	ND		ug/l	0.017	0.003	1	A
Endosulfan II	ND		ug/l	0.033	0.004	1	A
Endosulfan sulfate	ND		ug/l	0.033	0.004	1	A
Methoxychlor	ND		ug/l	0.167	0.006	1	A
Toxaphene	ND		ug/l	0.167	0.052	1	A
cis-Chlordane	ND		ug/l	0.017	0.006	1	A
trans-Chlordane	ND		ug/l	0.017	0.005	1	A
Chlordane	ND		ug/l	0.167	0.039	1	A

Project Name: 38 MAIN ST**Lab Number:** L2128683**Project Number:** 11846**Report Date:** 06/17/21**SAMPLE RESULTS**

Lab ID: L2128683-08

Date Collected: 05/26/21 10:30

Client ID: SB-3 GW

Date Received: 05/28/21

Sample Location: YONKERS, NY

Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	62		30-150	A
Decachlorobiphenyl	47		30-150	A
2,4,5,6-Tetrachloro-m-xylene	62		30-150	B
Decachlorobiphenyl	51		30-150	B

Project Name: 38 MAIN ST
Project Number: 11846

Lab Number: L2128683
Report Date: 06/17/21

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8081B
Analytical Date: 06/01/21 22:09
Analyst: EJJ

Extraction Method: EPA 3510C
Extraction Date: 06/01/21 00:40

Parameter	Result	Qualifier	Units	RL	MDL	Column
Organochlorine Pesticides by GC - Westborough Lab for sample(s): 07 Batch: WG1505829-1						
Delta-BHC	ND		ug/l	0.014	0.003	A
Lindane	ND		ug/l	0.014	0.003	A
Alpha-BHC	ND		ug/l	0.014	0.003	A
Beta-BHC	ND		ug/l	0.014	0.004	A
Heptachlor	ND		ug/l	0.014	0.002	A
Aldrin	ND		ug/l	0.014	0.002	A
Heptachlor epoxide	ND		ug/l	0.014	0.003	A
Endrin	ND		ug/l	0.029	0.003	A
Endrin aldehyde	ND		ug/l	0.029	0.006	A
Endrin ketone	ND		ug/l	0.029	0.003	A
Dieldrin	ND		ug/l	0.029	0.003	A
4,4'-DDE	ND		ug/l	0.029	0.003	A
4,4'-DDD	ND		ug/l	0.029	0.003	A
4,4'-DDT	ND		ug/l	0.029	0.003	A
Endosulfan I	ND		ug/l	0.014	0.002	A
Endosulfan II	ND		ug/l	0.029	0.004	A
Endosulfan sulfate	ND		ug/l	0.029	0.003	A
Methoxychlor	ND		ug/l	0.143	0.005	A
Toxaphene	ND		ug/l	0.143	0.045	A
cis-Chlordane	ND		ug/l	0.014	0.005	A
trans-Chlordane	ND		ug/l	0.014	0.004	A
Chlordane	ND		ug/l	0.143	0.033	A

Project Name: 38 MAIN ST
Project Number: 11846

Lab Number: L2128683
Report Date: 06/17/21

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8081B
Analytical Date: 06/01/21 22:09
Analyst: EJJ

Extraction Method: EPA 3510C
Extraction Date: 06/01/21 00:40

Parameter	Result	Qualifier	Units	RL	MDL	Column
Organochlorine Pesticides by GC - Westborough Lab for sample(s): 07 Batch: WG1505829-1						

Surrogate	%Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	56		30-150	A
Decachlorobiphenyl	53		30-150	A
2,4,5,6-Tetrachloro-m-xylene	57		30-150	B
Decachlorobiphenyl	61		30-150	B

Project Name: 38 MAIN ST
Project Number: 11846

Lab Number: L2128683
Report Date: 06/17/21

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8081B
Analytical Date: 06/07/21 16:44
Analyst: SDC

Extraction Method: EPA 3546
Extraction Date: 06/06/21 15:42
Cleanup Method: EPA 3620B
Cleanup Date: 06/07/21

Parameter	Result	Qualifier	Units	RL	MDL	Column
Organochlorine Pesticides by GC - Westborough Lab for sample(s): 01 Batch: WG1508274-1						
Delta-BHC	ND		ug/kg	1.55	0.303	A
Lindane	ND		ug/kg	0.644	0.288	A
Alpha-BHC	ND		ug/kg	0.644	0.183	A
Beta-BHC	ND		ug/kg	1.55	0.586	A
Heptachlor	ND		ug/kg	0.773	0.347	A
Aldrin	ND		ug/kg	1.55	0.544	A
Heptachlor epoxide	ND		ug/kg	2.90	0.870	A
Endrin	ND		ug/kg	0.644	0.264	A
Endrin aldehyde	ND		ug/kg	1.93	0.676	A
Endrin ketone	ND		ug/kg	1.55	0.398	A
Dieldrin	ND		ug/kg	0.966	0.483	A
4,4'-DDE	ND		ug/kg	1.55	0.358	A
4,4'-DDD	ND		ug/kg	1.55	0.552	A
4,4'-DDT	ND		ug/kg	2.90	1.24	A
Endosulfan I	ND		ug/kg	1.55	0.365	A
Endosulfan II	ND		ug/kg	1.55	0.517	A
Endosulfan sulfate	ND		ug/kg	0.644	0.307	A
Methoxychlor	ND		ug/kg	2.90	0.902	A
Toxaphene	ND		ug/kg	29.0	8.12	A
cis-Chlordane	ND		ug/kg	1.93	0.539	A
trans-Chlordane	ND		ug/kg	1.93	0.510	A
Chlordane	ND		ug/kg	12.9	5.12	A

Project Name: 38 MAIN ST
Project Number: 11846

Lab Number: L2128683
Report Date: 06/17/21

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8081B
Analytical Date: 06/07/21 16:44
Analyst: SDC

Extraction Method: EPA 3546
Extraction Date: 06/06/21 15:42
Cleanup Method: EPA 3620B
Cleanup Date: 06/07/21

Parameter	Result	Qualifier	Units	RL	MDL	Column
Organochlorine Pesticides by GC - Westborough Lab for sample(s): 01 Batch: WG1508274-1						

Surrogate	%Recovery	Qualifier	Acceptance	
			Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	64		30-150	A
Decachlorobiphenyl	61		30-150	A
2,4,5,6-Tetrachloro-m-xylene	68		30-150	B
Decachlorobiphenyl	65		30-150	B

Project Name: 38 MAIN ST
Project Number: 11846

Lab Number: L2128683
Report Date: 06/17/21

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8081B
Analytical Date: 06/08/21 21:59
Analyst: JMC

Extraction Method: EPA 3546
Extraction Date: 06/08/21 03:31
Cleanup Method: EPA 3620B
Cleanup Date: 06/08/21

Parameter	Result	Qualifier	Units	RL	MDL	Column
Organochlorine Pesticides by GC - Westborough Lab for sample(s): 02-06 Batch: WG1508812-1						
Delta-BHC	ND		ug/kg	1.53	0.300	A
Lindane	ND		ug/kg	0.638	0.285	A
Alpha-BHC	ND		ug/kg	0.638	0.181	A
Beta-BHC	ND		ug/kg	1.53	0.581	A
Heptachlor	ND		ug/kg	0.766	0.343	A
Aldrin	ND		ug/kg	1.53	0.539	A
Heptachlor epoxide	ND		ug/kg	2.87	0.862	A
Endrin	ND		ug/kg	0.638	0.262	A
Endrin aldehyde	ND		ug/kg	1.91	0.670	A
Endrin ketone	ND		ug/kg	1.53	0.394	A
Dieldrin	ND		ug/kg	0.957	0.479	A
4,4'-DDE	ND		ug/kg	1.53	0.354	A
4,4'-DDD	ND		ug/kg	1.53	0.546	A
4,4'-DDT	ND		ug/kg	2.87	1.23	A
Endosulfan I	ND		ug/kg	1.53	0.362	A
Endosulfan II	ND		ug/kg	1.53	0.512	A
Endosulfan sulfate	ND		ug/kg	0.638	0.304	A
Methoxychlor	ND		ug/kg	2.87	0.893	A
Toxaphene	ND		ug/kg	28.7	8.04	A
cis-Chlordane	ND		ug/kg	1.91	0.534	A
trans-Chlordane	ND		ug/kg	1.91	0.505	A
Chlordane	ND		ug/kg	12.8	5.07	A

Project Name: 38 MAIN ST
Project Number: 11846

Lab Number: L2128683
Report Date: 06/17/21

**Method Blank Analysis
Batch Quality Control**

Analytical Method: 1,8081B
Analytical Date: 06/08/21 21:59
Analyst: JMC

Extraction Method: EPA 3546
Extraction Date: 06/08/21 03:31
Cleanup Method: EPA 3620B
Cleanup Date: 06/08/21

Parameter	Result	Qualifier	Units	RL	MDL	Column
Organochlorine Pesticides by GC - Westborough Lab for sample(s): 02-06 Batch: WG1508812-1						

Surrogate	%Recovery	Qualifier	Acceptance	
			Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	43		30-150	A
Decachlorobiphenyl	56		30-150	A
2,4,5,6-Tetrachloro-m-xylene	42		30-150	B
Decachlorobiphenyl	62		30-150	B

Project Name: 38 MAIN ST
Project Number: 11846

Lab Number: L2128683
Report Date: 06/17/21

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8081B
Analytical Date: 06/09/21 08:44
Analyst: AR

Extraction Method: EPA 3510C
Extraction Date: 06/08/21 08:49

Parameter	Result	Qualifier	Units	RL	MDL	Column
Organochlorine Pesticides by GC - Westborough Lab for sample(s): 08 Batch: WG1508941-1						
Delta-BHC	ND		ug/l	0.014	0.003	A
Lindane	ND		ug/l	0.014	0.003	A
Alpha-BHC	ND		ug/l	0.014	0.003	A
Beta-BHC	ND		ug/l	0.014	0.004	A
Heptachlor	ND		ug/l	0.014	0.002	A
Aldrin	ND		ug/l	0.014	0.002	A
Heptachlor epoxide	ND		ug/l	0.014	0.003	A
Endrin	ND		ug/l	0.029	0.003	A
Endrin aldehyde	ND		ug/l	0.029	0.006	A
Endrin ketone	ND		ug/l	0.029	0.003	A
Dieldrin	ND		ug/l	0.029	0.003	A
4,4'-DDE	ND		ug/l	0.029	0.003	A
4,4'-DDD	ND		ug/l	0.029	0.003	A
4,4'-DDT	ND		ug/l	0.029	0.003	A
Endosulfan I	ND		ug/l	0.014	0.002	A
Endosulfan II	ND		ug/l	0.029	0.004	A
Endosulfan sulfate	ND		ug/l	0.029	0.003	A
Methoxychlor	ND		ug/l	0.143	0.005	A
Toxaphene	ND		ug/l	0.143	0.045	A
cis-Chlordane	ND		ug/l	0.014	0.005	A
trans-Chlordane	ND		ug/l	0.014	0.004	A
Chlordane	ND		ug/l	0.143	0.033	A

Project Name: 38 MAIN ST
Project Number: 11846

Lab Number: L2128683
Report Date: 06/17/21

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8081B
Analytical Date: 06/09/21 08:44
Analyst: AR

Extraction Method: EPA 3510C
Extraction Date: 06/08/21 08:49

Parameter	Result	Qualifier	Units	RL	MDL	Column
Organochlorine Pesticides by GC - Westborough Lab for sample(s): 08 Batch: WG1508941-1						

Surrogate	%Recovery	Qualifier	Acceptance	
			Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	52		30-150	A
Decachlorobiphenyl	50		30-150	A
2,4,5,6-Tetrachloro-m-xylene	53		30-150	B
Decachlorobiphenyl	52		30-150	B

Lab Control Sample Analysis

Batch Quality Control

Project Name: 38 MAIN ST

Project Number: 11846

Lab Number: L2128683

Report Date: 06/17/21

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits	Column
Organochlorine Pesticides by GC - Westborough Lab Associated sample(s): 07 Batch: WG1505829-2 WG1505829-3									
Lindane	55		58		30-150	6		20	A
Alpha-BHC	58		62		30-150	7		20	A
Beta-BHC	54		58		30-150	8		20	A
Heptachlor	55		58		30-150	6		20	A
Aldrin	54		56		30-150	4		20	A
Heptachlor epoxide	55		59		30-150	6		20	A
Endrin	55		61		30-150	10		20	A
Endrin aldehyde	51		55		30-150	8		20	A
Endrin ketone	53		59		30-150	10		20	A
Dieldrin	58		64		30-150	9		20	A
4,4'-DDE	55		60		30-150	8		20	A
4,4'-DDD	61		65		30-150	7		20	A
4,4'-DDT	64		64		30-150	1		20	A
Endosulfan I	54		59		30-150	9		20	A
Endosulfan II	55		61		30-150	10		20	A
Endosulfan sulfate	44		54		30-150	21	Q	20	A
Methoxychlor	52		57		30-150	10		20	A
cis-Chlordane	56		61		30-150	9		20	A
trans-Chlordane	59		62		30-150	5		20	A

Lab Control Sample Analysis

Batch Quality Control

Project Name: 38 MAIN ST
Project Number: 11846

Lab Number: L2128683
Report Date: 06/17/21

Parameter	<i>LCS</i> %Recovery	<i>Qual</i>	<i>LCSD</i> %Recovery	<i>Qual</i>	<i>%Recovery</i> Limits	<i>RPD</i>	<i>Qual</i>	<i>RPD</i> Limits
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Organochlorine Pesticides by GC - Westborough Lab Associated sample(s): 07 Batch: WG1505829-2 WG1505829-3

<i>Surrogate</i>	<i>LCS</i> %Recovery	<i>Qual</i>	<i>LCSD</i> %Recovery	<i>Qual</i>	<i>Acceptance</i> Criteria	<i>Column</i>
2,4,5,6-Tetrachloro-m-xylene	52		53		30-150	A
Decachlorobiphenyl	53		57		30-150	A
2,4,5,6-Tetrachloro-m-xylene	53		53		30-150	B
Decachlorobiphenyl	62		70		30-150	B

Lab Control Sample Analysis

Batch Quality Control

Project Name: 38 MAIN ST

Project Number: 11846

Lab Number: L2128683

Report Date: 06/17/21

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits	Column
Organochlorine Pesticides by GC - Westborough Lab Associated sample(s): 01 Batch: WG1508274-2 WG1508274-3									
Delta-BHC	70		68		30-150	3		30	A
Lindane	69		67		30-150	3		30	A
Alpha-BHC	73		72		30-150	1		30	A
Beta-BHC	73		68		30-150	7		30	A
Heptachlor	64		63		30-150	2		30	A
Aldrin	63		63		30-150	0		30	A
Heptachlor epoxide	58		60		30-150	3		30	A
Endrin	66		63		30-150	5		30	A
Endrin aldehyde	59		58		30-150	2		30	A
Endrin ketone	64		61		30-150	5		30	A
Dieldrin	68		66		30-150	3		30	A
4,4'-DDE	67		62		30-150	8		30	A
4,4'-DDD	70		68		30-150	3		30	A
4,4'-DDT	69		66		30-150	4		30	A
Endosulfan I	64		61		30-150	5		30	A
Endosulfan II	67		64		30-150	5		30	A
Endosulfan sulfate	53		54		30-150	2		30	A
Methoxychlor	63		62		30-150	2		30	A
cis-Chlordane	64		62		30-150	3		30	A
trans-Chlordane	66		65		30-150	2		30	A

Lab Control Sample Analysis

Batch Quality Control

Project Name: 38 MAIN ST

Project Number: 11846

Lab Number: L2128683

Report Date: 06/17/21

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
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Organochlorine Pesticides by GC - Westborough Lab Associated sample(s): 01 Batch: WG1508274-2 WG1508274-3

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	68		64		30-150	A
Decachlorobiphenyl	65		61		30-150	A
2,4,5,6-Tetrachloro-m-xylene	72		66		30-150	B
Decachlorobiphenyl	70		67		30-150	B

Lab Control Sample Analysis

Batch Quality Control

Project Name: 38 MAIN ST

Project Number: 11846

Lab Number: L2128683

Report Date: 06/17/21

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits	Column
Organochlorine Pesticides by GC - Westborough Lab Associated sample(s): 02-06 Batch: WG1508812-2 WG1508812-3									
Delta-BHC	71		71		30-150	0		30	A
Lindane	72		72		30-150	0		30	A
Alpha-BHC	75		75		30-150	0		30	A
Beta-BHC	64		64		30-150	0		30	A
Heptachlor	74		71		30-150	4		30	A
Aldrin	71		70		30-150	1		30	A
Heptachlor epoxide	68		67		30-150	1		30	A
Endrin	74		73		30-150	1		30	A
Endrin aldehyde	53		55		30-150	4		30	A
Endrin ketone	61		66		30-150	8		30	A
Dieldrin	77		76		30-150	1		30	A
4,4'-DDE	75		73		30-150	3		30	A
4,4'-DDD	75		74		30-150	1		30	A
4,4'-DDT	70		70		30-150	0		30	A
Endosulfan I	68		67		30-150	1		30	A
Endosulfan II	69		70		30-150	1		30	A
Endosulfan sulfate	48		56		30-150	15		30	A
Methoxychlor	57		57		30-150	0		30	A
cis-Chlordane	62		61		30-150	2		30	A
trans-Chlordane	78		75		30-150	4		30	A

Lab Control Sample Analysis Batch Quality Control

Project Name: 38 MAIN ST
Project Number: 11846

Lab Number: L2128683
Report Date: 06/17/21

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Organochlorine Pesticides by GC - Westborough Lab Associated sample(s): 02-06 Batch: WG1508812-2 WG1508812-3								

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	62		59		30-150	A
Decachlorobiphenyl	67		63		30-150	A
2,4,5,6-Tetrachloro-m-xylene	62		57		30-150	B
Decachlorobiphenyl	79		72		30-150	B

Lab Control Sample Analysis

Batch Quality Control

Project Name: 38 MAIN ST

Project Number: 11846

Lab Number: L2128683

Report Date: 06/17/21

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits	Column
Organochlorine Pesticides by GC - Westborough Lab Associated sample(s): 08 Batch: WG1508941-2 WG1508941-3									
Delta-BHC	46		46		30-150	1		20	A
Lindane	50		51		30-150	2		20	A
Alpha-BHC	51		53		30-150	4		20	A
Beta-BHC	53		57		30-150	6		20	A
Heptachlor	50		50		30-150	1		20	A
Aldrin	48		49		30-150	2		20	A
Heptachlor epoxide	48		49		30-150	2		20	A
Endrin	50		52		30-150	4		20	A
Endrin aldehyde	52		51		30-150	2		20	A
Endrin ketone	52		50		30-150	5		20	A
Dieldrin	52		53		30-150	3		20	A
4,4'-DDE	51		52		30-150	2		20	A
4,4'-DDD	55		57		30-150	3		20	A
4,4'-DDT	54		57		30-150	4		20	A
Endosulfan I	48		50		30-150	3		20	A
Endosulfan II	50		52		30-150	3		20	A
Endosulfan sulfate	50		47		30-150	6		20	A
Methoxychlor	54		52		30-150	4		20	A
cis-Chlordane	52		54		30-150	4		20	A
trans-Chlordane	52		53		30-150	2		20	A

Lab Control Sample Analysis

Batch Quality Control

Project Name: 38 MAIN ST
Project Number: 11846

Lab Number: L2128683
Report Date: 06/17/21

Parameter	<i>LCS</i> %Recovery	<i>Qual</i>	<i>LCSD</i> %Recovery	<i>Qual</i>	<i>%Recovery</i> Limits	<i>RPD</i>	<i>Qual</i>	<i>RPD</i> Limits
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Organochlorine Pesticides by GC - Westborough Lab Associated sample(s): 08 Batch: WG1508941-2 WG1508941-3

<i>Surrogate</i>	<i>LCS</i> %Recovery	<i>Qual</i>	<i>LCSD</i> %Recovery	<i>Qual</i>	<i>Acceptance</i> Criteria	<i>Column</i>
2,4,5,6-Tetrachloro-m-xylene	47		47		30-150	A
Decachlorobiphenyl	49		48		30-150	A
2,4,5,6-Tetrachloro-m-xylene	48		48		30-150	B
Decachlorobiphenyl	51		50		30-150	B

METALS

Project Name: 38 MAIN ST

Lab Number: L2128683

Project Number: 11846

Report Date: 06/17/21

SAMPLE RESULTS

Lab ID: L2128683-01
 Client ID: SB-2 (2.5-3)
 Sample Location: YONKERS, NY

Date Collected: 05/26/21 08:15
 Date Received: 05/28/21
 Field Prep: Not Specified

Sample Depth:
 Matrix: Soil
 Percent Solids: 88%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Aluminum, Total	4860		mg/kg	8.75	2.36	2	06/08/21 10:15	06/08/21 19:23	EPA 3050B	1,6010D	BV
Antimony, Total	ND		mg/kg	4.37	0.332	2	06/08/21 10:15	06/08/21 19:23	EPA 3050B	1,6010D	BV
Arsenic, Total	3.24		mg/kg	0.875	0.182	2	06/08/21 10:15	06/08/21 19:23	EPA 3050B	1,6010D	BV
Barium, Total	49.4		mg/kg	0.875	0.152	2	06/08/21 10:15	06/08/21 19:23	EPA 3050B	1,6010D	BV
Beryllium, Total	0.210	J	mg/kg	0.437	0.029	2	06/08/21 10:15	06/08/21 19:23	EPA 3050B	1,6010D	BV
Cadmium, Total	0.394	J	mg/kg	0.875	0.086	2	06/08/21 10:15	06/08/21 19:23	EPA 3050B	1,6010D	BV
Calcium, Total	38600		mg/kg	8.75	3.06	2	06/08/21 10:15	06/08/21 19:23	EPA 3050B	1,6010D	BV
Chromium, Total	12.0		mg/kg	0.875	0.084	2	06/08/21 10:15	06/08/21 19:23	EPA 3050B	1,6010D	BV
Cobalt, Total	6.16		mg/kg	1.75	0.145	2	06/08/21 10:15	06/08/21 19:23	EPA 3050B	1,6010D	BV
Copper, Total	18.6		mg/kg	0.875	0.226	2	06/08/21 10:15	06/08/21 19:23	EPA 3050B	1,6010D	BV
Iron, Total	13000		mg/kg	4.37	0.790	2	06/08/21 10:15	06/08/21 19:23	EPA 3050B	1,6010D	BV
Lead, Total	31.6		mg/kg	4.37	0.234	2	06/08/21 10:15	06/08/21 19:23	EPA 3050B	1,6010D	BV
Magnesium, Total	7770		mg/kg	8.75	1.35	2	06/08/21 10:15	06/08/21 19:23	EPA 3050B	1,6010D	BV
Manganese, Total	144		mg/kg	0.875	0.139	2	06/08/21 10:15	06/08/21 19:23	EPA 3050B	1,6010D	BV
Mercury, Total	0.075		mg/kg	0.072	0.047	1	06/08/21 09:40	06/13/21 16:07	EPA 7471B	1,7471B	OU
Nickel, Total	9.55		mg/kg	2.19	0.212	2	06/08/21 10:15	06/08/21 19:23	EPA 3050B	1,6010D	BV
Potassium, Total	1450		mg/kg	219	12.6	2	06/08/21 10:15	06/08/21 19:23	EPA 3050B	1,6010D	BV
Selenium, Total	0.245	J	mg/kg	1.75	0.226	2	06/08/21 10:15	06/08/21 19:23	EPA 3050B	1,6010D	BV
Silver, Total	ND		mg/kg	0.875	0.248	2	06/08/21 10:15	06/08/21 19:23	EPA 3050B	1,6010D	BV
Sodium, Total	243		mg/kg	175	2.76	2	06/08/21 10:15	06/08/21 19:23	EPA 3050B	1,6010D	BV
Thallium, Total	ND		mg/kg	1.75	0.276	2	06/08/21 10:15	06/08/21 19:23	EPA 3050B	1,6010D	BV
Vanadium, Total	17.6		mg/kg	0.875	0.178	2	06/08/21 10:15	06/08/21 19:23	EPA 3050B	1,6010D	BV
Zinc, Total	37.1		mg/kg	4.37	0.256	2	06/08/21 10:15	06/08/21 19:23	EPA 3050B	1,6010D	BV



Project Name: 38 MAIN ST

Lab Number: L2128683

Project Number: 11846

Report Date: 06/17/21

SAMPLE RESULTS

Lab ID: L2128683-02
 Client ID: SB-2 (6.5-7)
 Sample Location: YONKERS, NY

Date Collected: 05/26/21 09:30
 Date Received: 05/28/21
 Field Prep: Not Specified

Sample Depth:
 Matrix: Soil
 Percent Solids: 87%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Aluminum, Total	4180		mg/kg	8.62	2.33	2	06/08/21 10:15	06/08/21 19:28	EPA 3050B	1,6010D	BV
Antimony, Total	ND		mg/kg	4.31	0.328	2	06/08/21 10:15	06/08/21 19:28	EPA 3050B	1,6010D	BV
Arsenic, Total	0.793	J	mg/kg	0.862	0.179	2	06/08/21 10:15	06/08/21 19:28	EPA 3050B	1,6010D	BV
Barium, Total	20.3		mg/kg	0.862	0.150	2	06/08/21 10:15	06/08/21 19:28	EPA 3050B	1,6010D	BV
Beryllium, Total	0.112	J	mg/kg	0.431	0.028	2	06/08/21 10:15	06/08/21 19:28	EPA 3050B	1,6010D	BV
Cadmium, Total	0.190	J	mg/kg	0.862	0.085	2	06/08/21 10:15	06/08/21 19:28	EPA 3050B	1,6010D	BV
Calcium, Total	2860		mg/kg	8.62	3.02	2	06/08/21 10:15	06/08/21 19:28	EPA 3050B	1,6010D	BV
Chromium, Total	12.6		mg/kg	0.862	0.083	2	06/08/21 10:15	06/08/21 19:28	EPA 3050B	1,6010D	BV
Cobalt, Total	5.09		mg/kg	1.72	0.143	2	06/08/21 10:15	06/08/21 19:28	EPA 3050B	1,6010D	BV
Copper, Total	17.8		mg/kg	0.862	0.222	2	06/08/21 10:15	06/08/21 19:28	EPA 3050B	1,6010D	BV
Iron, Total	8500		mg/kg	4.31	0.779	2	06/08/21 10:15	06/08/21 19:28	EPA 3050B	1,6010D	BV
Lead, Total	5.66		mg/kg	4.31	0.231	2	06/08/21 10:15	06/08/21 19:28	EPA 3050B	1,6010D	BV
Magnesium, Total	3830		mg/kg	8.62	1.33	2	06/08/21 10:15	06/08/21 19:28	EPA 3050B	1,6010D	BV
Manganese, Total	152		mg/kg	0.862	0.137	2	06/08/21 10:15	06/08/21 19:28	EPA 3050B	1,6010D	BV
Mercury, Total	ND		mg/kg	0.073	0.047	1	06/08/21 09:40	06/13/21 16:10	EPA 7471B	1,7471B	OU
Nickel, Total	11.6		mg/kg	2.16	0.209	2	06/08/21 10:15	06/08/21 19:28	EPA 3050B	1,6010D	BV
Potassium, Total	653		mg/kg	216	12.4	2	06/08/21 10:15	06/08/21 19:28	EPA 3050B	1,6010D	BV
Selenium, Total	ND		mg/kg	1.72	0.222	2	06/08/21 10:15	06/08/21 19:28	EPA 3050B	1,6010D	BV
Silver, Total	ND		mg/kg	0.862	0.244	2	06/08/21 10:15	06/08/21 19:28	EPA 3050B	1,6010D	BV
Sodium, Total	207		mg/kg	172	2.72	2	06/08/21 10:15	06/08/21 19:28	EPA 3050B	1,6010D	BV
Thallium, Total	ND		mg/kg	1.72	0.272	2	06/08/21 10:15	06/08/21 19:28	EPA 3050B	1,6010D	BV
Vanadium, Total	18.7		mg/kg	0.862	0.175	2	06/08/21 10:15	06/08/21 19:28	EPA 3050B	1,6010D	BV
Zinc, Total	20.7		mg/kg	4.31	0.253	2	06/08/21 10:15	06/08/21 19:28	EPA 3050B	1,6010D	BV



Project Name: 38 MAIN ST

Lab Number: L2128683

Project Number: 11846

Report Date: 06/17/21

SAMPLE RESULTS

Lab ID: L2128683-03
 Client ID: SB-4 (2.5-3)
 Sample Location: YONKERS, NY

Date Collected: 05/26/21 14:30
 Date Received: 05/28/21
 Field Prep: Not Specified

Sample Depth:
 Matrix: Soil
 Percent Solids: 89%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Aluminum, Total	3860		mg/kg	8.64	2.33	2	06/08/21 10:15	06/08/21 19:33	EPA 3050B	1,6010D	BV
Antimony, Total	ND		mg/kg	4.32	0.328	2	06/08/21 10:15	06/08/21 19:33	EPA 3050B	1,6010D	BV
Arsenic, Total	3.95		mg/kg	0.864	0.180	2	06/08/21 10:15	06/08/21 19:33	EPA 3050B	1,6010D	BV
Barium, Total	181		mg/kg	0.864	0.150	2	06/08/21 10:15	06/08/21 19:33	EPA 3050B	1,6010D	BV
Beryllium, Total	0.233	J	mg/kg	0.432	0.029	2	06/08/21 10:15	06/08/21 19:33	EPA 3050B	1,6010D	BV
Cadmium, Total	0.648	J	mg/kg	0.864	0.085	2	06/08/21 10:15	06/08/21 19:33	EPA 3050B	1,6010D	BV
Calcium, Total	17000		mg/kg	8.64	3.02	2	06/08/21 10:15	06/08/21 19:33	EPA 3050B	1,6010D	BV
Chromium, Total	6.06		mg/kg	0.864	0.083	2	06/08/21 10:15	06/08/21 19:33	EPA 3050B	1,6010D	BV
Cobalt, Total	2.06		mg/kg	1.73	0.143	2	06/08/21 10:15	06/08/21 19:33	EPA 3050B	1,6010D	BV
Copper, Total	8.48		mg/kg	0.864	0.223	2	06/08/21 10:15	06/08/21 19:33	EPA 3050B	1,6010D	BV
Iron, Total	5710		mg/kg	4.32	0.780	2	06/08/21 10:15	06/08/21 19:33	EPA 3050B	1,6010D	BV
Lead, Total	258		mg/kg	4.32	0.232	2	06/08/21 10:15	06/08/21 19:33	EPA 3050B	1,6010D	BV
Magnesium, Total	5810		mg/kg	8.64	1.33	2	06/08/21 10:15	06/08/21 19:33	EPA 3050B	1,6010D	BV
Manganese, Total	135		mg/kg	0.864	0.137	2	06/08/21 10:15	06/08/21 19:33	EPA 3050B	1,6010D	BV
Mercury, Total	0.215		mg/kg	0.071	0.046	1	06/08/21 09:40	06/13/21 16:14	EPA 7471B	1,7471B	OU
Nickel, Total	4.41		mg/kg	2.16	0.209	2	06/08/21 10:15	06/08/21 19:33	EPA 3050B	1,6010D	BV
Potassium, Total	532		mg/kg	216	12.4	2	06/08/21 10:15	06/08/21 19:33	EPA 3050B	1,6010D	BV
Selenium, Total	0.588	J	mg/kg	1.73	0.223	2	06/08/21 10:15	06/08/21 19:33	EPA 3050B	1,6010D	BV
Silver, Total	ND		mg/kg	0.864	0.244	2	06/08/21 10:15	06/08/21 19:33	EPA 3050B	1,6010D	BV
Sodium, Total	436		mg/kg	173	2.72	2	06/08/21 10:15	06/08/21 19:33	EPA 3050B	1,6010D	BV
Thallium, Total	ND		mg/kg	1.73	0.272	2	06/08/21 10:15	06/08/21 19:33	EPA 3050B	1,6010D	BV
Vanadium, Total	14.8		mg/kg	0.864	0.175	2	06/08/21 10:15	06/08/21 19:33	EPA 3050B	1,6010D	BV
Zinc, Total	235		mg/kg	4.32	0.253	2	06/08/21 10:15	06/08/21 19:33	EPA 3050B	1,6010D	BV



Project Name: 38 MAIN ST

Lab Number: L2128683

Project Number: 11846

Report Date: 06/17/21

SAMPLE RESULTS

Lab ID: L2128683-04
 Client ID: SB-4 (5.5-6)
 Sample Location: YONKERS, NY

Date Collected: 05/26/21 14:40
 Date Received: 05/28/21
 Field Prep: Not Specified

Sample Depth:
 Matrix: Soil
 Percent Solids: 84%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Aluminum, Total	8020		mg/kg	9.28	2.50	2	06/08/21 10:15	06/08/21 19:37	EPA 3050B	1,6010D	BV
Antimony, Total	ND		mg/kg	4.64	0.352	2	06/08/21 10:15	06/08/21 19:37	EPA 3050B	1,6010D	BV
Arsenic, Total	3.60		mg/kg	0.928	0.193	2	06/08/21 10:15	06/08/21 19:37	EPA 3050B	1,6010D	BV
Barium, Total	172		mg/kg	0.928	0.161	2	06/08/21 10:15	06/08/21 19:37	EPA 3050B	1,6010D	BV
Beryllium, Total	0.371	J	mg/kg	0.464	0.031	2	06/08/21 10:15	06/08/21 19:37	EPA 3050B	1,6010D	BV
Cadmium, Total	0.362	J	mg/kg	0.928	0.091	2	06/08/21 10:15	06/08/21 19:37	EPA 3050B	1,6010D	BV
Calcium, Total	79600		mg/kg	9.28	3.25	2	06/08/21 10:15	06/08/21 19:37	EPA 3050B	1,6010D	BV
Chromium, Total	19.9		mg/kg	0.928	0.089	2	06/08/21 10:15	06/08/21 19:37	EPA 3050B	1,6010D	BV
Cobalt, Total	4.08		mg/kg	1.86	0.154	2	06/08/21 10:15	06/08/21 19:37	EPA 3050B	1,6010D	BV
Copper, Total	22.8		mg/kg	0.928	0.239	2	06/08/21 10:15	06/08/21 19:37	EPA 3050B	1,6010D	BV
Iron, Total	7690		mg/kg	4.64	0.838	2	06/08/21 10:15	06/08/21 19:37	EPA 3050B	1,6010D	BV
Lead, Total	189		mg/kg	4.64	0.248	2	06/08/21 10:15	06/08/21 19:37	EPA 3050B	1,6010D	BV
Magnesium, Total	4660		mg/kg	9.28	1.43	2	06/08/21 10:15	06/08/21 19:37	EPA 3050B	1,6010D	BV
Manganese, Total	153		mg/kg	0.928	0.147	2	06/08/21 10:15	06/08/21 19:37	EPA 3050B	1,6010D	BV
Mercury, Total	0.238		mg/kg	0.075	0.049	1	06/08/21 09:40	06/13/21 16:17	EPA 7471B	1,7471B	OU
Nickel, Total	9.32		mg/kg	2.32	0.224	2	06/08/21 10:15	06/08/21 19:37	EPA 3050B	1,6010D	BV
Potassium, Total	1910		mg/kg	232	13.4	2	06/08/21 10:15	06/08/21 19:37	EPA 3050B	1,6010D	BV
Selenium, Total	1.04	J	mg/kg	1.86	0.239	2	06/08/21 10:15	06/08/21 19:37	EPA 3050B	1,6010D	BV
Silver, Total	ND		mg/kg	0.928	0.262	2	06/08/21 10:15	06/08/21 19:37	EPA 3050B	1,6010D	BV
Sodium, Total	639		mg/kg	186	2.92	2	06/08/21 10:15	06/08/21 19:37	EPA 3050B	1,6010D	BV
Thallium, Total	ND		mg/kg	1.86	0.292	2	06/08/21 10:15	06/08/21 19:37	EPA 3050B	1,6010D	BV
Vanadium, Total	16.6		mg/kg	0.928	0.188	2	06/08/21 10:15	06/08/21 19:37	EPA 3050B	1,6010D	BV
Zinc, Total	120		mg/kg	4.64	0.272	2	06/08/21 10:15	06/08/21 19:37	EPA 3050B	1,6010D	BV



Project Name: 38 MAIN ST

Lab Number: L2128683

Project Number: 11846

Report Date: 06/17/21

SAMPLE RESULTS

Lab ID: L2128683-05
 Client ID: SB-5 (3.5-4)
 Sample Location: YONKERS, NY

Date Collected: 05/26/21 15:00
 Date Received: 05/28/21
 Field Prep: Not Specified

Sample Depth:
 Matrix: Soil
 Percent Solids: 93%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Aluminum, Total	8770		mg/kg	8.39	2.27	2	06/08/21 10:15	06/08/21 19:42	EPA 3050B	1,6010D	BV
Antimony, Total	ND		mg/kg	4.20	0.319	2	06/08/21 10:15	06/08/21 19:42	EPA 3050B	1,6010D	BV
Arsenic, Total	3.06		mg/kg	0.839	0.174	2	06/08/21 10:15	06/08/21 19:42	EPA 3050B	1,6010D	BV
Barium, Total	84.1		mg/kg	0.839	0.146	2	06/08/21 10:15	06/08/21 19:42	EPA 3050B	1,6010D	BV
Beryllium, Total	0.285	J	mg/kg	0.420	0.028	2	06/08/21 10:15	06/08/21 19:42	EPA 3050B	1,6010D	BV
Cadmium, Total	0.411	J	mg/kg	0.839	0.082	2	06/08/21 10:15	06/08/21 19:42	EPA 3050B	1,6010D	BV
Calcium, Total	10800		mg/kg	8.39	2.94	2	06/08/21 10:15	06/08/21 19:42	EPA 3050B	1,6010D	BV
Chromium, Total	23.5		mg/kg	0.839	0.081	2	06/08/21 10:15	06/08/21 19:42	EPA 3050B	1,6010D	BV
Cobalt, Total	7.70		mg/kg	1.68	0.139	2	06/08/21 10:15	06/08/21 19:42	EPA 3050B	1,6010D	BV
Copper, Total	24.5		mg/kg	0.839	0.216	2	06/08/21 10:15	06/08/21 19:42	EPA 3050B	1,6010D	BV
Iron, Total	14600		mg/kg	4.20	0.758	2	06/08/21 10:15	06/08/21 19:42	EPA 3050B	1,6010D	BV
Lead, Total	53.4		mg/kg	4.20	0.225	2	06/08/21 10:15	06/08/21 19:42	EPA 3050B	1,6010D	BV
Magnesium, Total	6210		mg/kg	8.39	1.29	2	06/08/21 10:15	06/08/21 19:42	EPA 3050B	1,6010D	BV
Manganese, Total	232		mg/kg	0.839	0.133	2	06/08/21 10:15	06/08/21 19:42	EPA 3050B	1,6010D	BV
Mercury, Total	0.199		mg/kg	0.067	0.044	1	06/08/21 09:40	06/13/21 16:20	EPA 7471B	1,7471B	OU
Nickel, Total	14.8		mg/kg	2.10	0.203	2	06/08/21 10:15	06/08/21 19:42	EPA 3050B	1,6010D	BV
Potassium, Total	2520		mg/kg	210	12.1	2	06/08/21 10:15	06/08/21 19:42	EPA 3050B	1,6010D	BV
Selenium, Total	0.445	J	mg/kg	1.68	0.216	2	06/08/21 10:15	06/08/21 19:42	EPA 3050B	1,6010D	BV
Silver, Total	ND		mg/kg	0.839	0.238	2	06/08/21 10:15	06/08/21 19:42	EPA 3050B	1,6010D	BV
Sodium, Total	87.7	J	mg/kg	168	2.64	2	06/08/21 10:15	06/08/21 19:42	EPA 3050B	1,6010D	BV
Thallium, Total	ND		mg/kg	1.68	0.264	2	06/08/21 10:15	06/08/21 19:42	EPA 3050B	1,6010D	BV
Vanadium, Total	29.3		mg/kg	0.839	0.170	2	06/08/21 10:15	06/08/21 19:42	EPA 3050B	1,6010D	BV
Zinc, Total	69.9		mg/kg	4.20	0.246	2	06/08/21 10:15	06/08/21 19:42	EPA 3050B	1,6010D	BV



Project Name: 38 MAIN ST

Lab Number: L2128683

Project Number: 11846

Report Date: 06/17/21

SAMPLE RESULTS

Lab ID: L2128683-06
 Client ID: SB-5 (6.5-7)
 Sample Location: YONKERS, NY

Date Collected: 05/26/21 15:10
 Date Received: 05/28/21
 Field Prep: Not Specified

Sample Depth:
 Matrix: Soil
 Percent Solids: 76%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Aluminum, Total	4340		mg/kg	10.0	2.71	2	06/08/21 10:15	06/08/21 19:46	EPA 3050B	1,6010D	BV
Antimony, Total	ND		mg/kg	5.02	0.381	2	06/08/21 10:15	06/08/21 19:46	EPA 3050B	1,6010D	BV
Arsenic, Total	1.80		mg/kg	1.00	0.209	2	06/08/21 10:15	06/08/21 19:46	EPA 3050B	1,6010D	BV
Barium, Total	38.2		mg/kg	1.00	0.174	2	06/08/21 10:15	06/08/21 19:46	EPA 3050B	1,6010D	BV
Beryllium, Total	0.301	J	mg/kg	0.502	0.033	2	06/08/21 10:15	06/08/21 19:46	EPA 3050B	1,6010D	BV
Cadmium, Total	0.311	J	mg/kg	1.00	0.098	2	06/08/21 10:15	06/08/21 19:46	EPA 3050B	1,6010D	BV
Calcium, Total	1470		mg/kg	10.0	3.51	2	06/08/21 10:15	06/08/21 19:46	EPA 3050B	1,6010D	BV
Chromium, Total	10.4		mg/kg	1.00	0.096	2	06/08/21 10:15	06/08/21 19:46	EPA 3050B	1,6010D	BV
Cobalt, Total	4.82		mg/kg	2.01	0.166	2	06/08/21 10:15	06/08/21 19:46	EPA 3050B	1,6010D	BV
Copper, Total	20.0		mg/kg	1.00	0.259	2	06/08/21 10:15	06/08/21 19:46	EPA 3050B	1,6010D	BV
Iron, Total	10000		mg/kg	5.02	0.906	2	06/08/21 10:15	06/08/21 19:46	EPA 3050B	1,6010D	BV
Lead, Total	9.95		mg/kg	5.02	0.269	2	06/08/21 10:15	06/08/21 19:46	EPA 3050B	1,6010D	BV
Magnesium, Total	2700		mg/kg	10.0	1.54	2	06/08/21 10:15	06/08/21 19:46	EPA 3050B	1,6010D	BV
Manganese, Total	442		mg/kg	1.00	0.160	2	06/08/21 10:15	06/08/21 19:46	EPA 3050B	1,6010D	BV
Mercury, Total	0.090		mg/kg	0.083	0.054	1	06/08/21 09:40	06/13/21 16:24	EPA 7471B	1,7471B	OU
Nickel, Total	12.0		mg/kg	2.51	0.243	2	06/08/21 10:15	06/08/21 19:46	EPA 3050B	1,6010D	BV
Potassium, Total	1100		mg/kg	251	14.4	2	06/08/21 10:15	06/08/21 19:46	EPA 3050B	1,6010D	BV
Selenium, Total	0.421	J	mg/kg	2.01	0.259	2	06/08/21 10:15	06/08/21 19:46	EPA 3050B	1,6010D	BV
Silver, Total	ND		mg/kg	1.00	0.284	2	06/08/21 10:15	06/08/21 19:46	EPA 3050B	1,6010D	BV
Sodium, Total	75.8	J	mg/kg	201	3.16	2	06/08/21 10:15	06/08/21 19:46	EPA 3050B	1,6010D	BV
Thallium, Total	ND		mg/kg	2.01	0.316	2	06/08/21 10:15	06/08/21 19:46	EPA 3050B	1,6010D	BV
Vanadium, Total	13.9		mg/kg	1.00	0.204	2	06/08/21 10:15	06/08/21 19:46	EPA 3050B	1,6010D	BV
Zinc, Total	71.0		mg/kg	5.02	0.294	2	06/08/21 10:15	06/08/21 19:46	EPA 3050B	1,6010D	BV



Project Name: 38 MAIN ST

Lab Number: L2128683

Project Number: 11846

Report Date: 06/17/21

SAMPLE RESULTS

Lab ID: L2128683-07
 Client ID: SB-1 GW
 Sample Location: YONKERS, NY

Date Collected: 05/26/21 09:00
 Date Received: 05/28/21
 Field Prep: Not Specified

Sample Depth:
 Matrix: Water

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Aluminum, Total	868.		mg/l	0.250	0.0818	1	06/09/21 04:44	06/09/21 12:08	EPA 3005A	1,6020B	CD
Antimony, Total	ND		mg/l	0.1000	0.01072	1	06/09/21 04:44	06/09/21 12:08	EPA 3005A	1,6020B	CD
Arsenic, Total	0.08431		mg/l	0.01250	0.00412	1	06/09/21 04:44	06/09/21 12:08	EPA 3005A	1,6020B	CD
Barium, Total	51.98		mg/l	0.01250	0.00432	1	06/09/21 04:44	06/09/21 12:08	EPA 3005A	1,6020B	CD
Beryllium, Total	0.04174		mg/l	0.01250	0.00267	1	06/09/21 04:44	06/09/21 12:08	EPA 3005A	1,6020B	CD
Cadmium, Total	0.01370		mg/l	0.00500	0.00149	1	06/09/21 04:44	06/09/21 12:08	EPA 3005A	1,6020B	CD
Calcium, Total	838.		mg/l	2.50	0.985	1	06/09/21 04:44	06/09/21 12:08	EPA 3005A	1,6020B	CD
Chromium, Total	3.310		mg/l	0.02500	0.00445	1	06/09/21 04:44	06/09/21 12:08	EPA 3005A	1,6020B	CD
Cobalt, Total	1.268		mg/l	0.01250	0.00407	1	06/09/21 04:44	06/09/21 12:08	EPA 3005A	1,6020B	CD
Copper, Total	6.880		mg/l	0.02500	0.00960	1	06/09/21 04:44	06/09/21 12:08	EPA 3005A	1,6020B	CD
Iron, Total	1460		mg/l	1.25	0.478	1	06/09/21 04:44	06/09/21 12:08	EPA 3005A	1,6020B	CD
Lead, Total	1.323		mg/l	0.02500	0.00857	1	06/09/21 04:44	06/09/21 12:08	EPA 3005A	1,6020B	CD
Magnesium, Total	796.		mg/l	1.75	0.605	1	06/09/21 04:44	06/09/21 12:08	EPA 3005A	1,6020B	CD
Manganese, Total	73.68		mg/l	0.02500	0.01100	1	06/09/21 04:44	06/09/21 12:08	EPA 3005A	1,6020B	CD
Mercury, Total	0.00369		mg/l	0.00200	0.00091	1	06/09/21 08:00	06/16/21 20:32	EPA 7470A	1,7470A	OU
Nickel, Total	3.312		mg/l	0.05000	0.01390	1	06/09/21 04:44	06/09/21 12:08	EPA 3005A	1,6020B	CD
Potassium, Total	292.		mg/l	2.50	0.772	1	06/09/21 04:44	06/09/21 12:08	EPA 3005A	1,6020B	CD
Selenium, Total	ND		mg/l	0.125	0.0432	1	06/09/21 04:44	06/09/21 12:08	EPA 3005A	1,6020B	CD
Silver, Total	ND		mg/l	0.01000	0.00407	1	06/09/21 04:44	06/09/21 12:08	EPA 3005A	1,6020B	CD
Sodium, Total	406.		mg/l	2.50	0.732	1	06/09/21 04:44	06/09/21 12:08	EPA 3005A	1,6020B	CD
Thallium, Total	0.01736	J	mg/l	0.02500	0.00357	1	06/09/21 04:44	06/09/21 12:08	EPA 3005A	1,6020B	CD
Vanadium, Total	1.553		mg/l	0.1250	0.03925	1	06/09/21 04:44	06/09/21 12:08	EPA 3005A	1,6020B	CD
Zinc, Total	4.850		mg/l	0.2500	0.08525	1	06/09/21 04:44	06/09/21 12:08	EPA 3005A	1,6020B	CD



Project Name: 38 MAIN ST

Lab Number: L2128683

Project Number: 11846

Report Date: 06/17/21

SAMPLE RESULTS

Lab ID: L2128683-08
 Client ID: SB-3 GW
 Sample Location: YONKERS, NY

Date Collected: 05/26/21 10:30
 Date Received: 05/28/21
 Field Prep: Not Specified

Sample Depth:
 Matrix: Water

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Aluminum, Total	218.		mg/l	0.0500	0.0164	1	06/09/21 04:44	06/09/21 12:13	EPA 3005A	1,6020B	CD
Antimony, Total	ND		mg/l	0.02000	0.00214	1	06/09/21 04:44	06/09/21 12:13	EPA 3005A	1,6020B	CD
Arsenic, Total	0.03437		mg/l	0.00250	0.00082	1	06/09/21 04:44	06/09/21 12:13	EPA 3005A	1,6020B	CD
Barium, Total	6.046		mg/l	0.00250	0.00086	1	06/09/21 04:44	06/09/21 12:13	EPA 3005A	1,6020B	CD
Beryllium, Total	0.01371		mg/l	0.00250	0.00053	1	06/09/21 04:44	06/09/21 12:13	EPA 3005A	1,6020B	CD
Cadmium, Total	0.00520		mg/l	0.00100	0.00029	1	06/09/21 04:44	06/09/21 12:13	EPA 3005A	1,6020B	CD
Calcium, Total	223.		mg/l	0.500	0.197	1	06/09/21 04:44	06/09/21 12:13	EPA 3005A	1,6020B	CD
Chromium, Total	0.6679		mg/l	0.00500	0.00089	1	06/09/21 04:44	06/09/21 12:13	EPA 3005A	1,6020B	CD
Cobalt, Total	0.4701		mg/l	0.00250	0.00081	1	06/09/21 04:44	06/09/21 12:13	EPA 3005A	1,6020B	CD
Copper, Total	2.436		mg/l	0.00500	0.00192	1	06/09/21 04:44	06/09/21 12:13	EPA 3005A	1,6020B	CD
Iron, Total	397.		mg/l	0.250	0.0955	1	06/09/21 04:44	06/09/21 12:13	EPA 3005A	1,6020B	CD
Lead, Total	0.7306		mg/l	0.00500	0.00171	1	06/09/21 04:44	06/09/21 12:13	EPA 3005A	1,6020B	CD
Magnesium, Total	166.		mg/l	0.350	0.121	1	06/09/21 04:44	06/09/21 12:13	EPA 3005A	1,6020B	CD
Manganese, Total	36.07		mg/l	0.00500	0.00220	1	06/09/21 04:44	06/09/21 12:13	EPA 3005A	1,6020B	CD
Mercury, Total	ND		mg/l	0.00200	0.00091	1	06/09/21 08:00	06/16/21 20:35	EPA 7470A	1,7470A	OU
Nickel, Total	2.009		mg/l	0.01000	0.00278	1	06/09/21 04:44	06/09/21 12:13	EPA 3005A	1,6020B	CD
Potassium, Total	61.8		mg/l	0.500	0.154	1	06/09/21 04:44	06/09/21 12:13	EPA 3005A	1,6020B	CD
Selenium, Total	0.0176	J	mg/l	0.0250	0.00865	1	06/09/21 04:44	06/09/21 12:13	EPA 3005A	1,6020B	CD
Silver, Total	0.00153	J	mg/l	0.00200	0.00081	1	06/09/21 04:44	06/09/21 12:13	EPA 3005A	1,6020B	CD
Sodium, Total	424.		mg/l	0.500	0.146	1	06/09/21 04:44	06/09/21 12:13	EPA 3005A	1,6020B	CD
Thallium, Total	0.00575		mg/l	0.00500	0.00071	1	06/09/21 04:44	06/09/21 12:13	EPA 3005A	1,6020B	CD
Vanadium, Total	0.5594		mg/l	0.02500	0.00785	1	06/09/21 04:44	06/09/21 12:13	EPA 3005A	1,6020B	CD
Zinc, Total	1.338		mg/l	0.05000	0.01705	1	06/09/21 04:44	06/09/21 12:13	EPA 3005A	1,6020B	CD



Project Name: 38 MAIN ST
Project Number: 11846

Lab Number: L2128683
Report Date: 06/17/21

Method Blank Analysis Batch Quality Control

Parameter	Result Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
Total Metals - Mansfield Lab for sample(s): 07-08 Batch: WG1507773-1									
Aluminum, Total	ND	mg/l	0.0100	0.00327	1	06/09/21 04:44	06/09/21 10:18	1,6020B	CD
Antimony, Total	ND	mg/l	0.00400	0.00042	1	06/09/21 04:44	06/09/21 10:18	1,6020B	CD
Arsenic, Total	ND	mg/l	0.00050	0.00016	1	06/09/21 04:44	06/09/21 10:18	1,6020B	CD
Barium, Total	ND	mg/l	0.00050	0.00017	1	06/09/21 04:44	06/09/21 10:18	1,6020B	CD
Beryllium, Total	ND	mg/l	0.00050	0.00010	1	06/09/21 04:44	06/09/21 10:18	1,6020B	CD
Cadmium, Total	ND	mg/l	0.00020	0.00005	1	06/09/21 04:44	06/09/21 10:18	1,6020B	CD
Calcium, Total	ND	mg/l	0.100	0.0394	1	06/09/21 04:44	06/09/21 10:18	1,6020B	CD
Chromium, Total	ND	mg/l	0.00100	0.00017	1	06/09/21 04:44	06/09/21 10:18	1,6020B	CD
Cobalt, Total	ND	mg/l	0.00050	0.00016	1	06/09/21 04:44	06/09/21 10:18	1,6020B	CD
Copper, Total	ND	mg/l	0.00100	0.00038	1	06/09/21 04:44	06/09/21 10:18	1,6020B	CD
Iron, Total	ND	mg/l	0.0500	0.0191	1	06/09/21 04:44	06/09/21 10:18	1,6020B	CD
Lead, Total	ND	mg/l	0.00100	0.00034	1	06/09/21 04:44	06/09/21 10:18	1,6020B	CD
Magnesium, Total	ND	mg/l	0.0700	0.0242	1	06/09/21 04:44	06/09/21 10:18	1,6020B	CD
Manganese, Total	ND	mg/l	0.00100	0.00044	1	06/09/21 04:44	06/09/21 10:18	1,6020B	CD
Nickel, Total	ND	mg/l	0.00200	0.00055	1	06/09/21 04:44	06/09/21 10:18	1,6020B	CD
Potassium, Total	ND	mg/l	0.100	0.0309	1	06/09/21 04:44	06/09/21 10:18	1,6020B	CD
Selenium, Total	ND	mg/l	0.00500	0.00173	1	06/09/21 04:44	06/09/21 10:18	1,6020B	CD
Silver, Total	ND	mg/l	0.00040	0.00016	1	06/09/21 04:44	06/09/21 10:18	1,6020B	CD
Sodium, Total	ND	mg/l	0.100	0.0293	1	06/09/21 04:44	06/09/21 10:18	1,6020B	CD
Thallium, Total	ND	mg/l	0.00100	0.00014	1	06/09/21 04:44	06/09/21 10:18	1,6020B	CD
Vanadium, Total	ND	mg/l	0.00500	0.00157	1	06/09/21 04:44	06/09/21 10:18	1,6020B	CD
Zinc, Total	ND	mg/l	0.01000	0.00341	1	06/09/21 04:44	06/09/21 10:18	1,6020B	CD

Prep Information

Digestion Method: EPA 3005A

Parameter	Result Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
Total Metals - Mansfield Lab for sample(s): 07-08 Batch: WG1507775-1									
Mercury, Total	ND	mg/l	0.00020	0.00009	1	06/09/21 08:00	06/09/21 12:17	1,7470A	OU



Project Name: 38 MAIN ST
Project Number: 11846

Lab Number: L2128683
Report Date: 06/17/21

Method Blank Analysis Batch Quality Control

Prep Information

Digestion Method: EPA 7470A

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
Total Metals - Mansfield Lab for sample(s): 01-06 Batch: WG1508855-1										
Aluminum, Total	ND		mg/kg	4.00	1.08	1	06/08/21 10:15	06/08/21 14:51	1,6010D	SV
Antimony, Total	ND		mg/kg	2.00	0.152	1	06/08/21 10:15	06/08/21 14:51	1,6010D	SV
Arsenic, Total	ND		mg/kg	0.400	0.083	1	06/08/21 10:15	06/08/21 14:51	1,6010D	SV
Barium, Total	ND		mg/kg	0.400	0.070	1	06/08/21 10:15	06/08/21 14:51	1,6010D	SV
Beryllium, Total	ND		mg/kg	0.200	0.013	1	06/08/21 10:15	06/08/21 14:51	1,6010D	SV
Cadmium, Total	ND		mg/kg	0.400	0.039	1	06/08/21 10:15	06/08/21 14:51	1,6010D	SV
Calcium, Total	1.68	J	mg/kg	4.00	1.40	1	06/08/21 10:15	06/08/21 14:51	1,6010D	SV
Chromium, Total	ND		mg/kg	0.400	0.038	1	06/08/21 10:15	06/08/21 14:51	1,6010D	SV
Cobalt, Total	ND		mg/kg	0.800	0.066	1	06/08/21 10:15	06/08/21 14:51	1,6010D	SV
Copper, Total	ND		mg/kg	0.400	0.103	1	06/08/21 10:15	06/08/21 14:51	1,6010D	SV
Iron, Total	2.04		mg/kg	2.00	0.361	1	06/08/21 10:15	06/08/21 14:51	1,6010D	SV
Lead, Total	ND		mg/kg	2.00	0.107	1	06/08/21 10:15	06/08/21 14:51	1,6010D	SV
Magnesium, Total	ND		mg/kg	4.00	0.616	1	06/08/21 10:15	06/08/21 14:51	1,6010D	SV
Manganese, Total	0.140	J	mg/kg	0.400	0.064	1	06/08/21 10:15	06/08/21 14:51	1,6010D	SV
Nickel, Total	ND		mg/kg	1.00	0.097	1	06/08/21 10:15	06/08/21 14:51	1,6010D	SV
Potassium, Total	ND		mg/kg	100	5.76	1	06/08/21 10:15	06/08/21 14:51	1,6010D	SV
Selenium, Total	ND		mg/kg	0.800	0.103	1	06/08/21 10:15	06/08/21 14:51	1,6010D	SV
Silver, Total	ND		mg/kg	0.400	0.113	1	06/08/21 10:15	06/08/21 14:51	1,6010D	SV
Sodium, Total	1.58	J	mg/kg	80.0	1.26	1	06/08/21 10:15	06/08/21 14:51	1,6010D	SV
Thallium, Total	ND		mg/kg	0.800	0.126	1	06/08/21 10:15	06/08/21 14:51	1,6010D	SV
Vanadium, Total	ND		mg/kg	0.400	0.081	1	06/08/21 10:15	06/08/21 14:51	1,6010D	SV
Zinc, Total	ND		mg/kg	2.00	0.117	1	06/08/21 10:15	06/08/21 14:51	1,6010D	SV

Prep Information

Digestion Method: EPA 3050B



Project Name: 38 MAIN ST
Project Number: 11846

Lab Number: L2128683
Report Date: 06/17/21

Method Blank Analysis Batch Quality Control

Parameter	Result Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
Total Metals - Mansfield Lab for sample(s): 01-06 Batch: WG1508862-1									
Mercury, Total	ND	mg/kg	0.083	0.054	1	06/08/21 09:40	06/08/21 14:20	1,7471B	OU

Prep Information

Digestion Method: EPA 7471B

Lab Control Sample Analysis

Batch Quality Control

Project Name: 38 MAIN ST

Lab Number: L2128683

Project Number: 11846

Report Date: 06/17/21

Parameter	LCS		LCSD		%Recovery Limits	RPD	Qual	RPD Limits
	%Recovery	Qual	%Recovery	Qual				
Total Metals - Mansfield Lab Associated sample(s): 07-08 Batch: WG1507773-2								
Aluminum, Total	100		-		80-120	-		
Antimony, Total	85		-		80-120	-		
Arsenic, Total	100		-		80-120	-		
Barium, Total	101		-		80-120	-		
Beryllium, Total	102		-		80-120	-		
Cadmium, Total	100		-		80-120	-		
Calcium, Total	95		-		80-120	-		
Chromium, Total	94		-		80-120	-		
Cobalt, Total	97		-		80-120	-		
Copper, Total	98		-		80-120	-		
Iron, Total	114		-		80-120	-		
Lead, Total	103		-		80-120	-		
Magnesium, Total	100		-		80-120	-		
Manganese, Total	97		-		80-120	-		
Nickel, Total	94		-		80-120	-		
Potassium, Total	98		-		80-120	-		
Selenium, Total	98		-		80-120	-		
Silver, Total	100		-		80-120	-		
Sodium, Total	99		-		80-120	-		
Thallium, Total	104		-		80-120	-		
Vanadium, Total	94		-		80-120	-		

Lab Control Sample Analysis

Batch Quality Control

Project Name: 38 MAIN ST

Project Number: 11846

Lab Number: L2128683

Report Date: 06/17/21

Parameter	LCS %Recovery	LCSD %Recovery	%Recovery Limits	RPD	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 07-08 Batch: WG1507773-2					
Zinc, Total	101	-	80-120	-	
Total Metals - Mansfield Lab Associated sample(s): 07-08 Batch: WG1507775-2					
Mercury, Total	103	-	80-120	-	

Lab Control Sample Analysis

Batch Quality Control

Project Name: 38 MAIN ST

Project Number: 11846

Lab Number: L2128683

Report Date: 06/17/21

Parameter	LCS %Recovery	LCSD %Recovery	%Recovery Limits	RPD	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01-06 Batch: WG1508855-2 SRM Lot Number: D109-540					
Aluminum, Total	60	-	50-150	-	
Antimony, Total	149	-	19-250	-	
Arsenic, Total	99	-	70-130	-	
Barium, Total	91	-	75-125	-	
Beryllium, Total	96	-	75-125	-	
Cadmium, Total	96	-	75-125	-	
Calcium, Total	89	-	73-128	-	
Chromium, Total	94	-	70-130	-	
Cobalt, Total	98	-	75-125	-	
Copper, Total	92	-	75-125	-	
Iron, Total	81	-	35-165	-	
Lead, Total	95	-	72-128	-	
Magnesium, Total	79	-	62-138	-	
Manganese, Total	87	-	74-126	-	
Nickel, Total	97	-	70-130	-	
Potassium, Total	82	-	59-141	-	
Selenium, Total	100	-	68-132	-	
Silver, Total	96	-	68-131	-	
Sodium, Total	98	-	35-165	-	
Thallium, Total	97	-	68-131	-	
Vanadium, Total	89	-	59-141	-	

Lab Control Sample Analysis

Batch Quality Control

Project Name: 38 MAIN ST

Project Number: 11846

Lab Number: L2128683

Report Date: 06/17/21

Parameter	LCS %Recovery	LCSD %Recovery	%Recovery Limits	RPD	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01-06 Batch: WG1508855-2 SRM Lot Number: D109-540					
Zinc, Total	94	-	70-130	-	
Total Metals - Mansfield Lab Associated sample(s): 01-06 Batch: WG1508862-2 SRM Lot Number: D109-540					
Mercury, Total	77	-	60-140	-	

Matrix Spike Analysis Batch Quality Control

Project Name: 38 MAIN ST
Project Number: 11846

Lab Number: L2128683
Report Date: 06/17/21

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	Qual	MSD Found	MSD %Recovery	Qual	Recovery Limits	RPD	Qual	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 07-08 QC Batch ID: WG1507773-7 WG1507773-8 QC Sample: L2129686-01 Client ID: MS Sample												
Aluminum, Total	0.004J	2	2.04	102		2.06	103		75-125	1		20
Antimony, Total	0.0018J	0.5	0.4079	82		0.4430	89		75-125	8		20
Arsenic, Total	0.01179	0.12	0.1344	102		0.1384	106		75-125	3		20
Barium, Total	0.0301	2	2.015	99		2.082	102		75-125	3		20
Beryllium, Total	ND	0.05	0.05133	103		0.05207	104		75-125	1		20
Cadmium, Total	ND	0.051	0.05240	103		0.05237	103		75-125	0		20
Calcium, Total	41.8	10	51.4	96		52.4	106		75-125	2		20
Chromium, Total	ND	0.2	0.1926	96		0.1981	99		75-125	3		20
Cobalt, Total	0.0010	0.5	0.4929	98		0.5013	100		75-125	2		20
Copper, Total	ND	0.25	0.2518	101		0.2520	101		75-125	0		20
Iron, Total	17.0	1	17.7	70	Q	18.0	100		75-125	2		20
Lead, Total	ND	0.51	0.5186	102		0.5341	105		75-125	3		20
Magnesium, Total	5.38	10	15.7	103		15.6	102		75-125	1		20
Manganese, Total	2.786	0.5	3.395	122		3.515	146	Q	75-125	3		20
Nickel, Total	ND	0.5	0.4695	94		0.4837	97		75-125	3		20
Potassium, Total	2.91	10	13.1	102		13.4	105		75-125	2		20
Selenium, Total	ND	0.12	0.118	98		0.124	103		75-125	5		20
Silver, Total	ND	0.05	0.05002	100		0.05045	101		75-125	1		20
Sodium, Total	69.5	10	79.3	98		79.0	95		75-125	0		20
Thallium, Total	ND	0.12	0.1194	100		0.1251	104		75-125	5		20
Vanadium, Total	ND	0.5	0.4865	97		0.4913	98		75-125	1		20

Matrix Spike Analysis
Batch Quality Control

Project Name: 38 MAIN ST

Lab Number: L2128683

Project Number: 11846

Report Date: 06/17/21

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	MSD Found	MSD %Recovery	Recovery Limits	RPD	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 07-08 QC Batch ID: WG1507773-7 WG1507773-8 QC Sample: L2129686-01 Client ID: MS Sample									
Zinc, Total	ND	0.5	0.5322	106	0.5368	107	75-125	1	20
Total Metals - Mansfield Lab Associated sample(s): 07-08 QC Batch ID: WG1507775-3 QC Sample: L2129684-02 Client ID: MS Sample									
Mercury, Total	ND	0.005	0.00508	102	-	-	75-125	-	20

Matrix Spike Analysis Batch Quality Control

Project Name: 38 MAIN ST
Project Number: 11846

Lab Number: L2128683
Report Date: 06/17/21

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	MSD Found	MSD %Recovery	Recovery Limits	RPD	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01-06 QC Batch ID: WG1508855-3 QC Sample: L2130342-01 Client ID: MS Sample									
Aluminum, Total	4110	172	4610	291	Q	-	75-125	-	20
Antimony, Total	ND	42.9	37.2	87		-	75-125	-	20
Arsenic, Total	3.43	10.3	13.5	98		-	75-125	-	20
Barium, Total	32.6	172	202	99		-	75-125	-	20
Beryllium, Total	0.176J	4.29	4.01	93		-	75-125	-	20
Cadmium, Total	0.244J	4.38	3.89	89		-	75-125	-	20
Calcium, Total	59200	859	48300	0	Q	-	75-125	-	20
Chromium, Total	488	17.2	27.4	0	Q	-	75-125	-	20
Cobalt, Total	6.81	42.9	38.9	75		-	75-125	-	20
Copper, Total	23.7	21.5	36.8	61	Q	-	75-125	-	20
Iron, Total	7250	85.9	7260	12	Q	-	75-125	-	20
Lead, Total	14.2	43.8	48.6	78		-	75-125	-	20
Magnesium, Total	9890	859	7160	0	Q	-	75-125	-	20
Manganese, Total	157	42.9	169	28	Q	-	75-125	-	20
Nickel, Total	202	42.9	39.8	0	Q	-	75-125	-	20
Potassium, Total	497	859	1370	102		-	75-125	-	20
Selenium, Total	0.356J	10.3	9.83	95		-	75-125	-	20
Silver, Total	ND	25.8	23.4	91		-	75-125	-	20
Sodium, Total	297	859	1140	98		-	75-125	-	20
Thallium, Total	ND	10.3	7.30	71	Q	-	75-125	-	20
Vanadium, Total	14.2	42.9	55.8	97		-	75-125	-	20

Matrix Spike Analysis Batch Quality Control

Project Name: 38 MAIN ST
Project Number: 11846

Lab Number: L2128683
Report Date: 06/17/21

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	MSD Found	MSD %Recovery	Recovery Limits	RPD	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01-06 QC Batch ID: WG1508855-3 QC Sample: L2130342-01 Client ID: MS Sample									
Zinc, Total	128	42.9	89.4	0	Q	-	75-125	-	20
Total Metals - Mansfield Lab Associated sample(s): 01-06 QC Batch ID: WG1508862-3 QC Sample: L2126568-01 Client ID: MS Sample									
Mercury, Total	0.376	0.547	0.934	102	-	-	80-120	-	20

Lab Duplicate Analysis

Batch Quality Control

Project Name: 38 MAIN ST

Project Number: 11846

Lab Number: L2128683

Report Date: 06/17/21

Parameter	Native Sample	Duplicate Sample	Units	RPD	Qual	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 07-08 QC Batch ID: WG1507775-4 QC Sample: L2129684-02 Client ID: DUP Sample						
Mercury, Total	ND	ND	mg/l	NC		20
Total Metals - Mansfield Lab Associated sample(s): 01-06 QC Batch ID: WG1508855-4 QC Sample: L2130342-01 Client ID: DUP Sample						
Arsenic, Total	3.43	3.44	mg/kg	0		20
Lead, Total	14.2	13.9	mg/kg	2		20
Total Metals - Mansfield Lab Associated sample(s): 01-06 QC Batch ID: WG1508862-4 QC Sample: L2126568-01 Client ID: DUP Sample						
Mercury, Total	0.376	0.323	mg/kg	15		20

INORGANICS & MISCELLANEOUS

Project Name: 38 MAIN ST

Project Number: 11846

Lab Number: L2128683

Report Date: 06/17/21

SAMPLE RESULTS

Lab ID: L2128683-01
 Client ID: SB-2 (2.5-3)
 Sample Location: YONKERS, NY

Date Collected: 05/26/21 08:15
 Date Received: 05/28/21
 Field Prep: Not Specified

Sample Depth:
 Matrix: Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	88.0		%	0.100	NA	1	-	06/02/21 09:52	121,2540G	RI
Cyanide, Total	ND		mg/kg	1.1	0.23	1	06/04/21 20:50	06/07/21 12:26	1,9010C/9012B	CR



Project Name: 38 MAIN ST

Project Number: 11846

Lab Number: L2128683

Report Date: 06/17/21

SAMPLE RESULTS

Lab ID: L2128683-02
 Client ID: SB-2 (6.5-7)
 Sample Location: YONKERS, NY

Date Collected: 05/26/21 09:30
 Date Received: 05/28/21
 Field Prep: Not Specified

Sample Depth:
 Matrix: Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	87.2		%	0.100	NA	1	-	06/02/21 09:52	121,2540G	RI
Cyanide, Total	ND		mg/kg	1.1	0.23	1	06/04/21 20:50	06/07/21 12:27	1,9010C/9012B	CR



Project Name: 38 MAIN ST

Project Number: 11846

Lab Number: L2128683

Report Date: 06/17/21

SAMPLE RESULTS

Lab ID: L2128683-03

Client ID: SB-4 (2.5-3)

Sample Location: YONKERS, NY

Date Collected: 05/26/21 14:30

Date Received: 05/28/21

Field Prep: Not Specified

Sample Depth:

Matrix: Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	89.0		%	0.100	NA	1	-	06/02/21 09:52	121,2540G	RI
Cyanide, Total	ND		mg/kg	1.1	0.23	1	06/04/21 20:50	06/07/21 12:28	1,9010C/9012B	CR



Project Name: 38 MAIN ST

Project Number: 11846

Lab Number: L2128683

Report Date: 06/17/21

SAMPLE RESULTS

Lab ID: L2128683-04
 Client ID: SB-4 (5.5-6)
 Sample Location: YONKERS, NY

Date Collected: 05/26/21 14:40
 Date Received: 05/28/21
 Field Prep: Not Specified

Sample Depth:
 Matrix: Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	83.7		%	0.100	NA	1	-	06/02/21 09:52	121,2540G	RI
Cyanide, Total	ND		mg/kg	1.2	0.25	1	06/04/21 20:50	06/07/21 12:29	1,9010C/9012B	CR



Project Name: 38 MAIN ST

Project Number: 11846

Lab Number: L2128683

Report Date: 06/17/21

SAMPLE RESULTS

Lab ID: L2128683-05
 Client ID: SB-5 (3.5-4)
 Sample Location: YONKERS, NY

Date Collected: 05/26/21 15:00
 Date Received: 05/28/21
 Field Prep: Not Specified

Sample Depth:
 Matrix: Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	93.0		%	0.100	NA	1	-	06/02/21 09:52	121,2540G	RI
Cyanide, Total	ND		mg/kg	1.1	0.22	1	06/07/21 16:40	06/08/21 12:39	1,9010C/9012B	CR



Project Name: 38 MAIN ST

Project Number: 11846

Lab Number: L2128683

Report Date: 06/17/21

SAMPLE RESULTS

Lab ID: L2128683-06
 Client ID: SB-5 (6.5-7)
 Sample Location: YONKERS, NY

Date Collected: 05/26/21 15:10
 Date Received: 05/28/21
 Field Prep: Not Specified

Sample Depth:
 Matrix: Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	75.8		%	0.100	NA	1	-	06/02/21 09:52	121,2540G	RI
Cyanide, Total	ND		mg/kg	1.2	0.26	1	06/07/21 16:40	06/08/21 12:40	1,9010C/9012B	CR



Project Name: 38 MAIN ST

Project Number: 11846

Lab Number: L2128683

Report Date: 06/17/21

SAMPLE RESULTS

Lab ID: L2128683-07
 Client ID: SB-1 GW
 Sample Location: YONKERS, NY

Date Collected: 05/26/21 09:00
 Date Received: 05/28/21
 Field Prep: Not Specified

Sample Depth:
 Matrix: Water

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Cyanide, Total	0.030		mg/l	0.005	0.001	1	06/08/21 19:40	06/09/21 11:55	1,9010C/9012B	CR



Project Name: 38 MAIN ST

Project Number: 11846

Lab Number: L2128683

Report Date: 06/17/21

SAMPLE RESULTS

Lab ID: L2128683-08

Client ID: SB-3 GW

Sample Location: YONKERS, NY

Date Collected: 05/26/21 10:30

Date Received: 05/28/21

Field Prep: Not Specified

Sample Depth:

Matrix: Water

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Cyanide, Total	0.003	J	mg/l	0.005	0.001	1	06/08/21 19:40	06/09/21 11:56	1,9010C/9012B	CR



Project Name: 38 MAIN ST

Lab Number: L2128683

Project Number: 11846

Report Date: 06/17/21

**Method Blank Analysis
Batch Quality Control**

Parameter	Result Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab for sample(s): 01-04 Batch: WG1507585-1									
Cyanide, Total	ND	mg/kg	0.88	0.19	1	06/04/21 20:50	06/07/21 12:22	1,9010C/9012B	CR
General Chemistry - Westborough Lab for sample(s): 05-06 Batch: WG1508623-1									
Cyanide, Total	ND	mg/kg	0.92	0.20	1	06/07/21 16:40	06/08/21 12:26	1,9010C/9012B	CR
General Chemistry - Westborough Lab for sample(s): 07-08 Batch: WG1509329-1									
Cyanide, Total	ND	mg/l	0.005	0.001	1	06/08/21 19:40	06/09/21 11:18	1,9010C/9012B	CR

Lab Control Sample Analysis

Batch Quality Control

Project Name: 38 MAIN ST

Project Number: 11846

Lab Number: L2128683

Report Date: 06/17/21

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
General Chemistry - Westborough Lab Associated sample(s): 01-04 Batch: WG1507585-2 WG1507585-3								
Cyanide, Total	40	Q	74	Q	80-120	64	Q	35
General Chemistry - Westborough Lab Associated sample(s): 05-06 Batch: WG1508623-2 WG1508623-3								
Cyanide, Total	76	Q	56	Q	80-120	29		35
General Chemistry - Westborough Lab Associated sample(s): 07-08 Batch: WG1509329-2 WG1509329-3								
Cyanide, Total	90		85		85-115	6		20

Matrix Spike Analysis Batch Quality Control

Project Name: 38 MAIN ST
Project Number: 11846

Lab Number: L2128683
Report Date: 06/17/21

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	MSD Qual	MSD Found	MSD %Recovery	MSD Qual	Recovery Limits	RPD	RPD Qual	RPD Limits
General Chemistry - Westborough Lab Associated sample(s): 01-04 QC Batch ID: WG1507585-4 WG1507585-5 QC Sample: L2129390-05 Client ID: MS Sample												
Cyanide, Total	ND	15	13	88		13	87		75-125	0		35
General Chemistry - Westborough Lab Associated sample(s): 05-06 QC Batch ID: WG1508623-4 WG1508623-5 QC Sample: L2128159-15 Client ID: MS Sample												
Cyanide, Total	ND	10	9.8	97		9.6	98		75-125	2		35
General Chemistry - Westborough Lab Associated sample(s): 07-08 QC Batch ID: WG1509329-4 WG1509329-5 QC Sample: L2128345-02 Client ID: MS Sample												
Cyanide, Total	ND	0.2	0.181	90		0.170	85		80-120	6		20

Lab Duplicate Analysis

Batch Quality Control

Project Name: 38 MAIN ST

Project Number: 11846

Lab Number: L2128683

Report Date: 06/17/21

Parameter	Native Sample	Duplicate Sample	Units	RPD	Qual	RPD Limits
General Chemistry - Westborough Lab Associated sample(s): 01-06 QC Batch ID: WG1506385-1 QC Sample: L2128683-01 Client ID: SB-2 (2.5-3)						
Solids, Total	88.0	88.5	%	1		20

Project Name: 38 MAIN ST

Lab Number: L2128683

Project Number: 11846

Report Date: 06/17/21

Sample Receipt and Container Information

Were project specific reporting limits specified?

YES

Cooler Information

Cooler	Custody Seal
A	Absent
B	Absent

Container Information

Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
L2128683-01A	5 gram Encore Sampler	A	NA		4.0	Y	Absent		NYTCL-8260HLW(14)
L2128683-01B	5 gram Encore Sampler	A	NA		4.0	Y	Absent		NYTCL-8260HLW(14)
L2128683-01C	5 gram Encore Sampler	A	NA		4.0	Y	Absent		NYTCL-8260HLW(14)
L2128683-01D	Plastic 2oz unpreserved for TS	A	NA		4.0	Y	Absent		TS(7)
L2128683-01E	Metals Only-Glass 60mL/2oz unpreserved	A	NA		4.0	Y	Absent		BE-TI(180),BA-TI(180),AS-TI(180),AG-TI(180),CR-TI(180),NI-TI(180),TL-TI(180),AL-TI(180),PB-TI(180),CU-TI(180),SE-TI(180),ZN-TI(180),SB-TI(180),V-TI(180),CO-TI(180),FE-TI(180),HG-T(28),MG-TI(180),MN-TI(180),CD-TI(180),K-TI(180),NA-TI(180),CA-TI(180)
L2128683-01F	Glass 250ml/8oz unpreserved	A	NA		4.0	Y	Absent		TCN-9010(14),NYTCL-8270(14),NYTCL-8081(14),NYTCL-8082(365)
L2128683-01X	Vial MeOH preserved split	A	NA		4.0	Y	Absent		NYTCL-8260HLW(14)
L2128683-01Y	Vial Water preserved split	A	NA		4.0	Y	Absent	29-MAY-21 15:42	NYTCL-8260HLW(14)
L2128683-01Z	Vial Water preserved split	A	NA		4.0	Y	Absent	29-MAY-21 15:42	NYTCL-8260HLW(14)
L2128683-02A	5 gram Encore Sampler	A	NA		4.0	Y	Absent		NYTCL-8260HLW(14)
L2128683-02B	5 gram Encore Sampler	A	NA		4.0	Y	Absent		NYTCL-8260HLW(14)
L2128683-02C	5 gram Encore Sampler	A	NA		4.0	Y	Absent		NYTCL-8260HLW(14)
L2128683-02D	Plastic 2oz unpreserved for TS	A	NA		4.0	Y	Absent		TS(7)
L2128683-02E	Metals Only-Glass 60mL/2oz unpreserved	A	NA		4.0	Y	Absent		BE-TI(180),BA-TI(180),AS-TI(180),AG-TI(180),AL-TI(180),NI-TI(180),TL-TI(180),CR-TI(180),SE-TI(180),CU-TI(180),PB-TI(180),SB-TI(180),ZN-TI(180),CO-TI(180),V-TI(180),MG-TI(180),HG-T(28),FE-TI(180),MN-TI(180),K-TI(180),CA-TI(180),NA-TI(180),CD-TI(180)
L2128683-02F	Glass 250ml/8oz unpreserved	A	NA		4.0	Y	Absent		TCN-9010(14),NYTCL-8270(14),NYTCL-8081(14),NYTCL-8082(365)
L2128683-02X	Vial MeOH preserved split	A	NA		4.0	Y	Absent		NYTCL-8260HLW(14)

Project Name: 38 MAIN ST

Lab Number: L2128683

Project Number: 11846

Report Date: 06/17/21

Container Information

Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
L2128683-02Y	Vial Water preserved split	A	NA		4.0	Y	Absent	29-MAY-21 15:42	NYTCL-8260HLW(14)
L2128683-02Z	Vial Water preserved split	A	NA		4.0	Y	Absent	29-MAY-21 15:42	NYTCL-8260HLW(14)
L2128683-03A	5 gram Encore Sampler	A	NA		4.0	Y	Absent		NYTCL-8260HLW(14)
L2128683-03B	5 gram Encore Sampler	A	NA		4.0	Y	Absent		NYTCL-8260HLW(14)
L2128683-03C	5 gram Encore Sampler	A	NA		4.0	Y	Absent		NYTCL-8260HLW(14)
L2128683-03D	Plastic 2oz unpreserved for TS	A	NA		4.0	Y	Absent		TS(7)
L2128683-03E	Metals Only-Glass 60mL/2oz unpreserved	A	NA		4.0	Y	Absent		BE-TI(180),BA-TI(180),AS-TI(180),AG-TI(180),AL-TI(180),TL-TI(180),CR-TI(180),NI-TI(180),SE-TI(180),ZN-TI(180),PB-TI(180),CU-TI(180),SB-TI(180),V-TI(180),CO-TI(180),MN-TI(180),FE-TI(180),HG-T(28),MG-TI(180),K-TI(180),NA-TI(180),CD-TI(180),CA-TI(180)
L2128683-03F	Glass 250ml/8oz unpreserved	A	NA		4.0	Y	Absent		TCN-9010(14),NYTCL-8270(14),NYTCL-8081(14),NYTCL-8082(365)
L2128683-03X	Vial MeOH preserved split	A	NA		4.0	Y	Absent		NYTCL-8260HLW(14)
L2128683-03Y	Vial Water preserved split	A	NA		4.0	Y	Absent	29-MAY-21 15:42	NYTCL-8260HLW(14)
L2128683-03Z	Vial Water preserved split	A	NA		4.0	Y	Absent	29-MAY-21 15:42	NYTCL-8260HLW(14)
L2128683-04A	5 gram Encore Sampler	A	NA		4.0	Y	Absent		NYTCL-8260HLW(14)
L2128683-04B	5 gram Encore Sampler	A	NA		4.0	Y	Absent		NYTCL-8260HLW(14)
L2128683-04C	5 gram Encore Sampler	A	NA		4.0	Y	Absent		NYTCL-8260HLW(14)
L2128683-04D	Plastic 2oz unpreserved for TS	A	NA		4.0	Y	Absent		TS(7)
L2128683-04E	Metals Only-Glass 60mL/2oz unpreserved	A	NA		4.0	Y	Absent		BE-TI(180),AS-TI(180),BA-TI(180),AG-TI(180),NI-TI(180),CR-TI(180),AL-TI(180),TL-TI(180),CU-TI(180),PB-TI(180),SE-TI(180),SB-TI(180),ZN-TI(180),CO-TI(180),V-TI(180),MG-TI(180),FE-TI(180),HG-T(28),MN-TI(180),CA-TI(180),CD-TI(180),NA-TI(180),K-TI(180)
L2128683-04F	Glass 250ml/8oz unpreserved	A	NA		4.0	Y	Absent		TCN-9010(14),NYTCL-8270(14),NYTCL-8081(14),NYTCL-8082(365)
L2128683-04X	Vial MeOH preserved split	A	NA		4.0	Y	Absent		NYTCL-8260HLW(14)
L2128683-04Y	Vial Water preserved split	A	NA		4.0	Y	Absent	29-MAY-21 15:42	NYTCL-8260HLW(14)
L2128683-04Z	Vial Water preserved split	A	NA		4.0	Y	Absent	29-MAY-21 15:42	NYTCL-8260HLW(14)
L2128683-05A	5 gram Encore Sampler	A	NA		4.0	Y	Absent		NYTCL-8260HLW(14)
L2128683-05B	5 gram Encore Sampler	A	NA		4.0	Y	Absent		NYTCL-8260HLW(14)
L2128683-05C	5 gram Encore Sampler	A	NA		4.0	Y	Absent		NYTCL-8260HLW(14)

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Project Number: 11846

Serial_No:06172118:58
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Container Information

Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
L2128683-05D	Plastic 2oz unpreserved for TS	A	NA		4.0	Y	Absent		TS(7)
L2128683-05E	Metals Only-Glass 60mL/2oz unpreserved	A	NA		4.0	Y	Absent		BE-TI(180),AS-TI(180),BA-TI(180),AG-TI(180),CR-TI(180),NI-TI(180),TL-TI(180),AL-TI(180),ZN-TI(180),SB-TI(180),CU-TI(180),SE-TI(180),PB-TI(180),V-TI(180),CO-TI(180),MG-TI(180),MN-TI(180),FE-TI(180),HG-T(28),CD-TI(180),CA-TI(180),K-TI(180),NA-TI(180)
L2128683-05F	Glass 250ml/8oz unpreserved	A	NA		4.0	Y	Absent		NYTCL-8270(14),TCN-9010(14),NYTCL-8081(14),NYTCL-8082(365)
L2128683-05X	Vial MeOH preserved split	A	NA		4.0	Y	Absent		NYTCL-8260HLW(14)
L2128683-05Y	Vial Water preserved split	A	NA		4.0	Y	Absent	29-MAY-21 15:42	NYTCL-8260HLW(14)
L2128683-05Z	Vial Water preserved split	A	NA		4.0	Y	Absent	29-MAY-21 15:42	NYTCL-8260HLW(14)
L2128683-06A	5 gram Encore Sampler	A	NA		4.0	Y	Absent		NYTCL-8260HLW(14)
L2128683-06B	5 gram Encore Sampler	A	NA		4.0	Y	Absent		NYTCL-8260HLW(14)
L2128683-06C	5 gram Encore Sampler	A	NA		4.0	Y	Absent		NYTCL-8260HLW(14)
L2128683-06D	Plastic 2oz unpreserved for TS	A	NA		4.0	Y	Absent		TS(7)
L2128683-06E	Metals Only-Glass 60mL/2oz unpreserved	A	NA		4.0	Y	Absent		BE-TI(180),AS-TI(180),BA-TI(180),AG-TI(180),AL-TI(180),CR-TI(180),TL-TI(180),NI-TI(180),ZN-TI(180),SB-TI(180),CU-TI(180),PB-TI(180),SE-TI(180),V-TI(180),CO-TI(180),MG-TI(180),HG-T(28),FE-TI(180),MN-TI(180),CA-TI(180),CD-TI(180),K-TI(180),NA-TI(180)
L2128683-06F	Glass 250ml/8oz unpreserved	A	NA		4.0	Y	Absent		TCN-9010(14),NYTCL-8270(14),NYTCL-8081(14),NYTCL-8082(365)
L2128683-06X	Vial MeOH preserved split	A	NA		4.0	Y	Absent		NYTCL-8260HLW(14)
L2128683-06Y	Vial Water preserved split	A	NA		4.0	Y	Absent	29-MAY-21 15:42	NYTCL-8260HLW(14)
L2128683-06Z	Vial Water preserved split	A	NA		4.0	Y	Absent	29-MAY-21 15:42	NYTCL-8260HLW(14)
L2128683-07A	Vial HCl preserved	B	NA		3.6	Y	Absent		NYTCL-8260(14)
L2128683-07B	Vial HCl preserved	B	NA		3.6	Y	Absent		NYTCL-8260(14)
L2128683-07C	Vial HCl preserved	B	NA		3.6	Y	Absent		NYTCL-8260(14)
L2128683-07D	Plastic 250ml HNO3 preserved	B	<2	<2	3.6	Y	Absent		SE-6020T(180),TL-6020T(180),BA-6020T(180),FE-6020T(180),CA-6020T(180),K-6020T(180),NI-6020T(180),CR-6020T(180),ZN-6020T(180),NA-6020T(180),CU-6020T(180),PB-6020T(180),MN-6020T(180),BE-6020T(180),SB-6020T(180),AS-6020T(180),V-6020T(180),CD-6020T(180),MG-6020T(180),HG-T(28),AL-6020T(180),AG-6020T(180),CO-6020T(180)

Project Name: 38 MAIN ST

Lab Number: L2128683

Project Number: 11846

Report Date: 06/17/21

Container Information

Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
L2128683-07E	Plastic 250ml NaOH preserved	B	>12	>12	3.6	Y	Absent		TCN-9010(14)
L2128683-07F	Amber 120ml unpreserved	B	7	7	3.6	Y	Absent		NYTCL-8082-LVI(365)
L2128683-07G	Amber 120ml unpreserved	B	7	7	3.6	Y	Absent		NYTCL-8082-LVI(365)
L2128683-07H	Amber 120ml unpreserved	B	7	7	3.6	Y	Absent		NYTCL-8081(7)
L2128683-07I	Amber 120ml unpreserved	B	7	7	3.6	Y	Absent		NYTCL-8081(7)
L2128683-07J	Amber 250ml unpreserved	B	7	7	3.6	Y	Absent		HOLD-1,4DIOX(7)
L2128683-07K	Amber 250ml unpreserved	B	7	7	3.6	Y	Absent		HOLD-1,4DIOX(7)
L2128683-07L	Amber 250ml unpreserved	B	7	7	3.6	Y	Absent		NYTCL-8270-SIM-LVI(7),NYTCL-8270-LVI(7)
L2128683-07M	Amber 250ml unpreserved	B	7	7	3.6	Y	Absent		NYTCL-8270-SIM-LVI(7),NYTCL-8270-LVI(7)
L2128683-07N	Plastic 250ml unpreserved	B	NA		3.6	Y	Absent		A2-L-EXT-537-ISOTOPE(14)
L2128683-07O	Plastic 250ml unpreserved	B	NA		3.6	Y	Absent		A2-L-EXT-537-ISOTOPE(14)
L2128683-08A	Vial HCl preserved	B	NA		3.6	Y	Absent		NYTCL-8260(14)
L2128683-08B	Vial HCl preserved	B	NA		3.6	Y	Absent		NYTCL-8260(14)
L2128683-08C	Vial HCl preserved	B	NA		3.6	Y	Absent		NYTCL-8260(14)
L2128683-08D	Plastic 250ml HNO3 preserved	B	<2	<2	3.6	Y	Absent		FE-6020T(180),BA-6020T(180),SE-6020T(180),TL-6020T(180),CR-6020T(180),K-6020T(180),CA-6020T(180),NI-6020T(180),ZN-6020T(180),CU-6020T(180),NA-6020T(180),PB-6020T(180),MN-6020T(180),BE-6020T(180),V-6020T(180),AS-6020T(180),SB-6020T(180),MG-6020T(180),AG-6020T(180),CD-6020T(180),AL-6020T(180),HG-T(28),CO-6020T(180)
L2128683-08E	Plastic 250ml NaOH preserved	B	>12	>12	3.6	Y	Absent		TCN-9010(14)
L2128683-08F	Amber 120ml unpreserved	B	7	7	3.6	Y	Absent		NYTCL-8082-LVI(365)
L2128683-08G	Amber 120ml unpreserved	B	7	7	3.6	Y	Absent		NYTCL-8082-LVI(365)
L2128683-08H	Amber 120ml unpreserved	B	7	7	3.6	Y	Absent		NYTCL-8081(7)
L2128683-08I	Amber 120ml unpreserved	B	7	7	3.6	Y	Absent		NYTCL-8081(7)
L2128683-08J	Amber 250ml unpreserved	B	7	7	3.6	Y	Absent		HOLD-1,4DIOX(7)
L2128683-08K	Amber 250ml unpreserved	B	7	7	3.6	Y	Absent		HOLD-1,4DIOX(7)
L2128683-08L	Amber 250ml unpreserved	B	7	7	3.6	Y	Absent		NYTCL-8270-SIM-LVI(7),NYTCL-8270-LVI(7)
L2128683-08M	Amber 250ml unpreserved	B	7	7	3.6	Y	Absent		NYTCL-8270-SIM-LVI(7),NYTCL-8270-LVI(7)

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Container Information

Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
L2128683-08N	Plastic 250ml unpreserved	B	NA		3.6	Y	Absent		A2-L-EXT-537-ISOTOPE(14)
L2128683-08O	Plastic 250ml unpreserved	B	NA		3.6	Y	Absent		A2-L-EXT-537-ISOTOPE(14)
L2128683-09A	Vial HCl preserved	B	NA		3.6	Y	Absent		NYTCL-8260(14)
L2128683-09B	Vial HCl preserved	B	NA		3.6	Y	Absent		NYTCL-8260(14)
L2128683-10A	Plastic 250ml unpreserved	B	NA		3.6	Y	Absent		HOLD-537(14)

Project Name: 38 MAIN ST
Project Number: 11846

Lab Number: L2128683
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GLOSSARY

Acronyms

DL	- Detection Limit: This value represents the level to which target analyte concentrations are reported as estimated values, when those target analyte concentrations are quantified below the limit of quantitation (LOQ). The DL includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.)
EDL	- Estimated Detection Limit: This value represents the level to which target analyte concentrations are reported as estimated values, when those target analyte concentrations are quantified below the reporting limit (RL). The EDL includes any adjustments from dilutions, concentrations or moisture content, where applicable. The use of EDLs is specific to the analysis of PAHs using Solid-Phase Microextraction (SPME).
EMPC	- Estimated Maximum Possible Concentration: The concentration that results from the signal present at the retention time of an analyte when the ions meet all of the identification criteria except the ion abundance ratio criteria. An EMPC is a worst-case estimate of the concentration.
EPA	- Environmental Protection Agency.
LCS	- Laboratory Control Sample: A sample matrix, free from the analytes of interest, spiked with verified known amounts of analytes or a material containing known and verified amounts of analytes.
LCSD	- Laboratory Control Sample Duplicate: Refer to LCS.
LFB	- Laboratory Fortified Blank: A sample matrix, free from the analytes of interest, spiked with verified known amounts of analytes or a material containing known and verified amounts of analytes.
LOD	- Limit of Detection: This value represents the level to which a target analyte can reliably be detected for a specific analyte in a specific matrix by a specific method. The LOD includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.)
LOQ	- Limit of Quantitation: The value at which an instrument can accurately measure an analyte at a specific concentration. The LOQ includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.) Limit of Quantitation: The value at which an instrument can accurately measure an analyte at a specific concentration. The LOQ includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.)
MDL	- Method Detection Limit: This value represents the level to which target analyte concentrations are reported as estimated values, when those target analyte concentrations are quantified below the reporting limit (RL). The MDL includes any adjustments from dilutions, concentrations or moisture content, where applicable.
MS	- Matrix Spike Sample: A sample prepared by adding a known mass of target analyte to a specified amount of matrix sample for which an independent estimate of target analyte concentration is available. For Method 332.0, the spike recovery is calculated using the native concentration, including estimated values.
MSD	- Matrix Spike Sample Duplicate: Refer to MS.
NA	- Not Applicable.
NC	- Not Calculated: Term is utilized when one or more of the results utilized in the calculation are non-detect at the parameter's reporting unit.
NDPA/DPA	- N-Nitrosodiphenylamine/Diphenylamine.
NI	- Not Ignitable.
NP	- Non-Plastic: Term is utilized for the analysis of Atterberg Limits in soil.
NR	- No Results: Term is utilized when 'No Target Compounds Requested' is reported for the analysis of Volatile or Semivolatile Organic TIC only requests.
RL	- Reporting Limit: The value at which an instrument can accurately measure an analyte at a specific concentration. The RL includes any adjustments from dilutions, concentrations or moisture content, where applicable.
RPD	- Relative Percent Difference: The results from matrix and/or matrix spike duplicates are primarily designed to assess the precision of analytical results in a given matrix and are expressed as relative percent difference (RPD). Values which are less than five times the reporting limit for any individual parameter are evaluated by utilizing the absolute difference between the values; although the RPD value will be provided in the report.
SRM	- Standard Reference Material: A reference sample of a known or certified value that is of the same or similar matrix as the associated field samples.
STLP	- Semi-dynamic Tank Leaching Procedure per EPA Method 1315.
TEF	- Toxic Equivalency Factors: The values assigned to each dioxin and furan to evaluate their toxicity relative to 2,3,7,8-TCDD.
TEQ	- Toxic Equivalent: The measure of a sample's toxicity derived by multiplying each dioxin and furan by its corresponding TEF and then summing the resulting values.
TIC	- Tentatively Identified Compound: A compound that has been identified to be present and is not part of the target compound list (TCL) for the method and/or program. All TICs are qualitatively identified and reported as estimated concentrations.

Report Format: DU Report with 'J' Qualifiers



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Footnotes

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

Terms

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

Difference: With respect to Total Oxidizable Precursor (TOP) Assay analysis, the difference is defined as the Post-Treatment value minus the Pre-Treatment value.

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

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

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

PAH Total: With respect to Alkylated PAH analyses, the 'PAHs, Total' result is defined as the summation of results for all or a subset of the following compounds: Naphthalene, C1-C4 Naphthalenes, 2-Methylnaphthalene, 1-Methylnaphthalene, Biphenyl, Acenaphthylene, Acenaphthene, Fluorene, C1-C3 Fluorenes, Phenanthrene, C1-C4 Phenanthrenes/Anthracenes, Anthracene, Fluoranthene, Pyrene, C1-C4 Fluoranthenes/Pyrenes, Benz(a)anthracene, Chrysene, C1-C4 Chrysenes, Benzo(b)fluoranthene, Benzo(j)+(k)fluoranthene, Benzo(e)pyrene, Benzo(a)pyrene, Perylene, Indeno(1,2,3-cd)pyrene, Dibenz(ah)+(ac)anthracene, Benzo(g,h,i)perylene. If a 'Total' result is requested, the results of its individual components will also be reported.

PFAS Total: With respect to PFAS analyses, the 'PFAS, Total (5)' result is defined as the summation of results for: PFHpA, PFHxS, PFOA, PFNA and PFOS. In addition, the 'PFAS, Total (6)' result is defined as the summation of results at or above the RL for: PFHpA, PFHxS, PFOA, PFNA, PFDA and PFOS. (Note: 'PFAS, Total (6)' is applicable to MassDEP DW compliance analysis only.). If a 'Total' result is requested, the results of its individual components will also be reported.

The target compound Chlordane (CAS No. 57-74-9) is reported for GC ECD analyses. Per EPA, this compound "refers to a mixture of chlordane isomers, other chlorinated hydrocarbons and numerous other components." (Reference: USEPA Toxicological Review of Chlordane, In Support of Summary Information on the Integrated Risk Information System (IRIS), December 1997.)

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

Data Qualifiers

- A** - Spectra identified as "Aldol Condensates" are byproducts of the extraction/concentration procedures when acetone is introduced in the process.
- B** - The analyte was detected above the reporting limit in the associated method blank. Flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank. For MCP-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank. For DOD-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank AND the analyte was detected above one-half the reporting limit (or above the reporting limit for common lab contaminants) in the associated method blank. For NJ-Air-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte above the reporting limit. For NJ-related projects (excluding Air), flag only applies to associated field samples that have detectable concentrations of the analyte, which was detected above the reporting limit in the associated method blank or above five times the reporting limit for common lab contaminants (Phthalates, Acetone, Methylene Chloride, 2-Butanone).
- C** - Co-elution: The target analyte co-elutes with a known lab standard (i.e. surrogate, internal standards, etc.) for co-extracted analyses.
- D** - Concentration of analyte was quantified from diluted analysis. Flag only applies to field samples that have detectable concentrations of the analyte.
- E** - Concentration of analyte exceeds the range of the calibration curve and/or linear range of the instrument.
- F** - The ratio of quantifier ion response to qualifier ion response falls outside of the laboratory criteria. Results are considered to be an estimated maximum concentration.
- G** - The concentration may be biased high due to matrix interferences (i.e. co-elution) with non-target compound(s). The result should be considered estimated.
- H** - The analysis of pH was performed beyond the regulatory-required holding time of 15 minutes from the time of sample collection.
- I** - The lower value for the two columns has been reported due to obvious interference.
- J** - Estimated value. The Target analyte concentration is below the quantitation limit (RL), but above the Method Detection Limit (MDL) or Estimated Detection Limit (EDL) for SPME-related analyses. This represents an estimated concentration for Tentatively Identified Compounds (TICs).
- M** - Reporting Limit (RL) exceeds the MCP CAM Reporting Limit for this analyte.
- ND** - Not detected at the method detection limit (MDL) for the sample, or estimated detection limit (EDL) for SPME-related analyses.

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Data Qualifiers

- NJ** - Presumptive evidence of compound. This represents an estimated concentration for Tentatively Identified Compounds (TICs), where the identification is based on a mass spectral library search.
- P** - The RPD between the results for the two columns exceeds the method-specified criteria.
- Q** - The quality control sample exceeds the associated acceptance criteria. For DOD-related projects, LCS and/or Continuing Calibration Standard exceedences are also qualified on all associated sample results. Note: This flag is not applicable for matrix spike recoveries when the sample concentration is greater than 4x the spike added or for batch duplicate RPD when the sample concentrations are less than 5x the RL. (Metals only.)
- R** - Analytical results are from sample re-analysis.
- RE** - Analytical results are from sample re-extraction.
- S** - Analytical results are from modified screening analysis.

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REFERENCES

- 1 Test Methods for Evaluating Solid Waste: Physical/Chemical Methods. EPA SW-846. Third Edition. Updates I - VI, 2018.
- 121 Standard Methods for the Examination of Water and Wastewater. APHA-AWWA-WEF. Standard Methods Online.

LIMITATION OF LIABILITIES

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

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



Certification Information

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

Westborough Facility

EPA 624/624.1: m/p-xylene, o-xylene, Naphthalene

EPA 625/625.1: alpha-Terpineol

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

EPA 8270D/8270E: NPW: Dimethylnaphthalene, 1,4-Diphenylhydrazine, alpha-Terpineol; SCM: Dimethylnaphthalene, 1,4-Diphenylhydrazine.

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

Mansfield Facility

SM 2540D: TSS

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

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

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

Biological Tissue Matrix: EPA 3050B

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

Westborough Facility:

Drinking Water

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

EPA 180.1, SM2130B, SM4500CI-D, SM2320B, SM2540C, SM4500H-B, SM4500NO2-B

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

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

Non-Potable Water

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

Ammonia-N, **LCHAT 10-107-06-1-B:** Ammonia-N, **EPA 351.1, SM4500NO3-F, EPA 353.2:** Nitrate-N, **SM4500P-E, SM4500P-B, E, SM4500SO4-E,**

SM5220D, EPA 410.4, SM5210B, SM5310C, SM4500CL-D, EPA 1664, EPA 420.1, SM4500-CN-CE, SM2540D, EPA 300: Chloride, Sulfate, Nitrate.

EPA 624.1: Volatile Halocarbons & Aromatics,

EPA 608.3: Chlordane, Toxaphene, Aldrin, alpha-BHC, beta-BHC, gamma-BHC, delta-BHC, Dieldrin, DDD, DDE, DDT, Endosulfan I, Endosulfan II,

Endosulfan sulfate, Endrin, Endrin Aldehyde, Heptachlor, Heptachlor Epoxide, PCBs

EPA 625.1: SVOC (Acid/Base/Neutral Extractables), **EPA 600/4-81-045:** PCB-Oil.

Microbiology: **SM9223B-Colilert-QT; Enterolert-QT, SM9221E, EPA 1600, EPA 1603, SM9222D.**

Mansfield Facility:

Drinking Water

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

EPA 522, EPA 537.1.

Non-Potable Water


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

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

EPA 245.1 Hg.

SM2340B

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

 NEW YORK CHAIN OF CUSTODY Westborough, MA 01581 8 Walkup Dr. TEL: 508-898-9220 FAX: 508-898-9193	NEW YORK CHAIN OF CUSTODY Mansfield, MA 02048 320 Forbes Blvd TEL: 508-822-9300 FAX: 508-822-3288	Service Centers Mahwah, NJ 07430: 35 Whitney Rd, Suite 5 Albany, NY 12205: 14 Walker Way Tonawanda, NY 14150: 275 Cooper Ave, Suite 105	Page 1 of 1	Date Rec'd in Lab 5/28/21	ALPHA Job # 2228683		
		Project Information Project Name: 38 Main St Project Location: Yonkers, NY Project # 11246 Ph 2 (Use Project name as Project #) <input type="checkbox"/>		Deliverables <input type="checkbox"/> ASP-A <input checked="" type="checkbox"/> ASP-B <input type="checkbox"/> EQUIS (1 File) <input type="checkbox"/> EQUIS (4 File) <input type="checkbox"/> Other		Billing Information <input type="checkbox"/> Same as Client Info PO #	
Client Information Client: SBT County Engineer Address: 12A Maple Ave Pine Brook, NJ Phone: 973 709 9050 Fax: Email: SSG@SBSNJ.com		Project Manager: Steve Gustafson ALPHAQuote #: Turn-Around Time Standard <input checked="" type="checkbox"/> Due Date: Rush (only if pre approved) <input type="checkbox"/> # of Days: 5		Regulatory Requirement <input type="checkbox"/> NY TOGS <input type="checkbox"/> NY Part 375 <input type="checkbox"/> AWQ Standards <input type="checkbox"/> NY CP-51 <input type="checkbox"/> NY Restricted Use <input type="checkbox"/> Other <input checked="" type="checkbox"/> NY Unrestricted Use <input type="checkbox"/> NYC Sewer Discharge		Disposal Site Information Please identify below location of applicable disposal facilities. Disposal Facility: <input type="checkbox"/> NJ <input type="checkbox"/> NY <input type="checkbox"/> Other:	
These samples have been previously analyzed by Alpha <input type="checkbox"/> Other project specific requirements/comments:			ANALYSIS			Sample Filtration <input type="checkbox"/> Done <input type="checkbox"/> Lab to do Preservation <input type="checkbox"/> Lab to do (Please Specify below)	
Please specify Metals or TAL.						Total Bottles	
ALPHA Lab ID (Lab Use Only)	Sample ID	Collection Date	Collection Time	Sample Matrix	Sampler's Initials		TCL/TAL P30
222868301	SB-2 (2.5-3)	5/24/21	8:15	S	MZ		X
02	SB-2 (6.5-7)	↓	9:30	S	↓		X
03	SB-4 (2.5-3)	↓	1430	S	↓		X
04	SB-4 (6.5-6)	↓	1440	S	↓		X
05	SB-5 (3.5-4)	↓	1500	S	↓		X
06	SB-5 (6.5-7)	↓	1710	S	↓		X
07	SB-1 GW	↓	9:00	GW	↓		X X X
08	SB-3 GW	↓	1030	GW	↓		X X X
09	TRIP BLANK	↓	1700		↓	X	
Preservative Code: A = None B = HCl C = HNO ₃ D = H ₂ SO ₄ E = NaOH F = MeOH G = NaHSO ₄ H = Na ₂ S ₂ O ₃ K/E = Zn Ac/NaOH O = Other		Container Code P = Plastic A = Amber Glass V = Vial G = Glass B = Bacteria Cup C = Cube O = Other E = Encore D = BOD Bottle		Westboro: Certification No: MA935 Mansfield: Certification No: MA015		Container Type	
						Preservative	
Relinquished By: [Signature]		Date/Time: 5/28/21 1245		Received By: [Signature]		Date/Time: 5/28/21 1245	
Relinquished By: [Signature]		Date/Time: 5/28/21 1400		Received By: [Signature]		Date/Time: 5/28/21 1600	
Relinquished By: [Signature]		Date/Time: 5/28/21 2240		Received By: [Signature]		Date/Time: 5/28/21 2240	
Please print clearly, legibly and completely. Samples can not be logged in and turnaround time clock will not start until any ambiguities are resolved. BY EXECUTING THIS COC, THE CLIENT HAS READ AND AGREES TO BE BOUND BY ALPHA'S TERMS & CONDITIONS. (See reverse side.)							

Appendix E:
Soil Vapor Laboratory Deliverable
Report



ANALYTICAL REPORT

Lab Number:	L2127790
Client:	Soils Engineering Services, Inc. 12A Maple Avenue Pine Brook, NJ 07058
ATTN:	Steven Gustems
Phone:	(973) 808-9050
Project Name:	38 MAIN ST.
Project Number:	11846
Report Date:	06/02/21

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

Certifications & Approvals: MA (M-MA030), NH NELAP (2062), CT (PH-0141), DoD (L2474), FL (E87814), IL (200081), LA (85084), ME (MA00030), MD (350), NJ (MA015), NY (11627), NC (685), OH (CL106), PA (68-02089), RI (LAO00299), TX (T104704419), VT (VT-0015), VA (460194), WA (C954), US Army Corps of Engineers, USDA (Permit #P330-17-00150), USFWS (Permit #206964).

320 Forbes Boulevard, Mansfield, MA 02048-1806
508-822-9300 (Fax) 508-822-3288 800-624-9220 - www.alphalab.com



Project Name: 38 MAIN ST.
Project Number: 11846

Lab Number: L2127790
Report Date: 06/02/21

Alpha Sample ID	Client ID	Matrix	Sample Location	Collection Date/Time	Receive Date
L2127790-01	AMB-1	AIR	YONKERS, NY	05/25/21 11:00	05/25/21
L2127790-02	SVP-2	SOIL_VAPOR	YONKERS, NY	05/25/21 12:40	05/25/21
L2127790-03	SVP-3	SOIL_VAPOR	YONKERS, NY	05/25/21 13:05	05/25/21
L2127790-04	SVP-4	SOIL_VAPOR	YONKERS, NY	05/25/21 13:30	05/25/21
L2127790-05	SVP-5	SOIL_VAPOR	YONKERS, NY	05/25/21 13:55	05/25/21

Project Name: 38 MAIN ST.
Project Number: 11846

Lab Number: L2127790
Report Date: 06/02/21

Case Narrative

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

Results contained within this report relate only to the samples submitted under this Alpha Lab Number and meet NELAP requirements for all NELAP accredited parameters unless otherwise noted in the following narrative. The data presented in this report is organized by parameter (i.e. VOC, SVOC, etc.). Sample specific Quality Control data (i.e. Surrogate Spike Recovery) is reported at the end of the target analyte list for each individual sample, followed by the Laboratory Batch Quality Control at the end of each parameter. Tentatively Identified Compounds (TICs), if requested, are reported for compounds identified to be present and are not part of the method/program Target Compound List, even if only a subset of the TCL are being reported. If a sample was re-analyzed or re-extracted due to a required quality control corrective action and if both sets of data are reported, the Laboratory ID of the re-analysis or re-extraction is designated with an "R" or "RE", respectively.

When multiple Batch Quality Control elements are reported (e.g. more than one LCS), the associated samples for each element are noted in the grey shaded header line of each data table. Any Laboratory Batch, Sample Specific % recovery or RPD value that is outside the listed Acceptance Criteria is bolded in the report. In reference to questions H (CAM) or 4 (RCP) when "NO" is checked, the performance criteria for CAM and RCP methods allow for some quality control failures to occur and still be within method compliance. In these instances, the specific failure is not narrated but noted in the associated QC Outlier Summary Report, located directly after the Case Narrative. QC information is also incorporated in the Data Usability Assessment table (Format 11) of our Data Merger tool, where it can be reviewed in conjunction with the sample result, associated regulatory criteria and any associated data usability implications.

Soil/sediments, solids and tissues are reported on a dry weight basis unless otherwise noted. Definitions of all data qualifiers and acronyms used in this report are provided in the Glossary located at the back of the report.

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

Please contact Project Management at 800-624-9220 with any questions.

Project Name: 38 MAIN ST.
Project Number: 11846

Lab Number: L2127790
Report Date: 06/02/21

Case Narrative (continued)

Volatile Organics in Air

Canisters were released from the laboratory on May 21, 2021. The canister certification results are provided as an addendum.

L2127790-02D: The sample has elevated detection limits due to the dilution required by the elevated concentrations of target compounds in the sample.

L2127790-03D: The sample has elevated detection limits due to the dilution required by the elevated concentrations of non-target compounds in the sample.

L2127790-04D: The sample has elevated detection limits due to the dilution required by the elevated concentrations of target compounds in the sample.

L2127790-05D: The sample has elevated detection limits due to the dilution required by the elevated concentrations of target compounds in the sample.

Sample Receipt

The canister ID number for the sample designated SVP-2 (L2127790-02) is listed on the CoC as 2491 but should be 2420.

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

Authorized Signature:  Christopher J. Anderson

Title: Technical Director/Representative

Date: 06/02/21

AIR

Project Name: 38 MAIN ST.
Project Number: 11846

Lab Number: L2127790
Report Date: 06/02/21

SAMPLE RESULTS

Lab ID: L2127790-01
 Client ID: AMB-1
 Sample Location: YONKERS, NY

Date Collected: 05/25/21 11:00
 Date Received: 05/25/21
 Field Prep: Not Specified

Sample Depth:
 Matrix: Air
 Analytical Method: 48,TO-15
 Analytical Date: 05/30/21 16:28
 Analyst: RY

Parameter	ppbV			ug/m3			Qualifier	Dilution Factor
	Results	RL	MDL	Results	RL	MDL		
Volatile Organics in Air - Mansfield Lab								
Dichlorodifluoromethane	0.456	0.200	--	2.25	0.989	--		1
Chloromethane	0.543	0.200	--	1.12	0.413	--		1
Freon-114	ND	0.200	--	ND	1.40	--		1
Vinyl chloride	ND	0.200	--	ND	0.511	--		1
1,3-Butadiene	ND	0.200	--	ND	0.442	--		1
Bromomethane	ND	0.200	--	ND	0.777	--		1
Chloroethane	ND	0.200	--	ND	0.528	--		1
Ethanol	5.61	5.00	--	10.6	9.42	--		1
Vinyl bromide	ND	0.200	--	ND	0.874	--		1
Acetone	3.06	1.00	--	7.27	2.38	--		1
Trichlorofluoromethane	0.204	0.200	--	1.15	1.12	--		1
Isopropanol	0.639	0.500	--	1.57	1.23	--		1
1,1-Dichloroethene	ND	0.200	--	ND	0.793	--		1
Tertiary butyl Alcohol	ND	0.500	--	ND	1.52	--		1
Methylene chloride	ND	0.500	--	ND	1.74	--		1
3-Chloropropene	ND	0.200	--	ND	0.626	--		1
Carbon disulfide	ND	0.200	--	ND	0.623	--		1
Freon-113	ND	0.200	--	ND	1.53	--		1
trans-1,2-Dichloroethene	ND	0.200	--	ND	0.793	--		1
1,1-Dichloroethane	ND	0.200	--	ND	0.809	--		1
Methyl tert butyl ether	ND	0.200	--	ND	0.721	--		1
2-Butanone	ND	0.500	--	ND	1.47	--		1
cis-1,2-Dichloroethene	ND	0.200	--	ND	0.793	--		1

Project Name: 38 MAIN ST.
Project Number: 11846

Lab Number: L2127790
Report Date: 06/02/21

SAMPLE RESULTS

Lab ID: L2127790-01
 Client ID: AMB-1
 Sample Location: YONKERS, NY

Date Collected: 05/25/21 11:00
 Date Received: 05/25/21
 Field Prep: Not Specified

Sample Depth:

Parameter	ppbV			ug/m3			Qualifier	Dilution Factor
	Results	RL	MDL	Results	RL	MDL		
Volatile Organics in Air - Mansfield Lab								
Ethyl Acetate	ND	0.500	--	ND	1.80	--		1
Chloroform	ND	0.200	--	ND	0.977	--		1
Tetrahydrofuran	ND	0.500	--	ND	1.47	--		1
1,2-Dichloroethane	ND	0.200	--	ND	0.809	--		1
n-Hexane	ND	0.200	--	ND	0.705	--		1
1,1,1-Trichloroethane	ND	0.200	--	ND	1.09	--		1
Benzene	ND	0.200	--	ND	0.639	--		1
Carbon tetrachloride	ND	0.200	--	ND	1.26	--		1
Cyclohexane	ND	0.200	--	ND	0.688	--		1
1,2-Dichloropropane	ND	0.200	--	ND	0.924	--		1
Bromodichloromethane	ND	0.200	--	ND	1.34	--		1
1,4-Dioxane	ND	0.200	--	ND	0.721	--		1
Trichloroethene	ND	0.200	--	ND	1.07	--		1
2,2,4-Trimethylpentane	ND	0.200	--	ND	0.934	--		1
Heptane	ND	0.200	--	ND	0.820	--		1
cis-1,3-Dichloropropene	ND	0.200	--	ND	0.908	--		1
4-Methyl-2-pentanone	ND	0.500	--	ND	2.05	--		1
trans-1,3-Dichloropropene	ND	0.200	--	ND	0.908	--		1
1,1,2-Trichloroethane	ND	0.200	--	ND	1.09	--		1
Toluene	0.452	0.200	--	1.70	0.754	--		1
2-Hexanone	ND	0.200	--	ND	0.820	--		1
Dibromochloromethane	ND	0.200	--	ND	1.70	--		1
1,2-Dibromoethane	ND	0.200	--	ND	1.54	--		1
Tetrachloroethene	ND	0.200	--	ND	1.36	--		1
Chlorobenzene	ND	0.200	--	ND	0.921	--		1
Ethylbenzene	ND	0.200	--	ND	0.869	--		1



Project Name: 38 MAIN ST.**Lab Number:** L2127790**Project Number:** 11846**Report Date:** 06/02/21**SAMPLE RESULTS**

Lab ID: L2127790-01
 Client ID: AMB-1
 Sample Location: YONKERS, NY

Date Collected: 05/25/21 11:00
 Date Received: 05/25/21
 Field Prep: Not Specified

Sample Depth:

Parameter	ppbV			ug/m3			Qualifier	Dilution Factor
	Results	RL	MDL	Results	RL	MDL		
Volatile Organics in Air - Mansfield Lab								
p/m-Xylene	0.494	0.400	--	2.15	1.74	--		1
Bromoform	ND	0.200	--	ND	2.07	--		1
Styrene	ND	0.200	--	ND	0.852	--		1
1,1,2,2-Tetrachloroethane	ND	0.200	--	ND	1.37	--		1
o-Xylene	ND	0.200	--	ND	0.869	--		1
4-Ethyltoluene	ND	0.200	--	ND	0.983	--		1
1,3,5-Trimethylbenzene	ND	0.200	--	ND	0.983	--		1
1,2,4-Trimethylbenzene	ND	0.200	--	ND	0.983	--		1
Benzyl chloride	ND	0.200	--	ND	1.04	--		1
1,3-Dichlorobenzene	ND	0.200	--	ND	1.20	--		1
1,4-Dichlorobenzene	ND	0.200	--	ND	1.20	--		1
1,2-Dichlorobenzene	ND	0.200	--	ND	1.20	--		1
1,2,4-Trichlorobenzene	ND	0.200	--	ND	1.48	--		1
Hexachlorobutadiene	ND	0.200	--	ND	2.13	--		1

Internal Standard	% Recovery	Qualifier	Acceptance Criteria
1,4-Difluorobenzene	96		60-140
Bromochloromethane	94		60-140
chlorobenzene-d5	95		60-140



Project Name: 38 MAIN ST.**Lab Number:** L2127790**Project Number:** 11846**Report Date:** 06/02/21**SAMPLE RESULTS**

Lab ID: L2127790-02 D

Date Collected: 05/25/21 12:40

Client ID: SVP-2

Date Received: 05/25/21

Sample Location: YONKERS, NY

Field Prep: Not Specified

Sample Depth:

Matrix: Soil_Vapor

Analytical Method: 48,TO-15

Analytical Date: 05/30/21 17:05

Analyst: RY

Parameter	ppbV			ug/m3			Qualifier	Dilution Factor
	Results	RL	MDL	Results	RL	MDL		
Volatile Organics in Air - Mansfield Lab								
Dichlorodifluoromethane	0.522	0.400	--	2.58	1.98	--		2
Chloromethane	ND	0.400	--	ND	0.826	--		2
Freon-114	ND	0.400	--	ND	2.80	--		2
Vinyl chloride	ND	0.400	--	ND	1.02	--		2
1,3-Butadiene	1.85	0.400	--	4.09	0.885	--		2
Bromomethane	ND	0.400	--	ND	1.55	--		2
Chloroethane	ND	0.400	--	ND	1.06	--		2
Ethanol	43.5	10.0	--	82.0	18.8	--		2
Vinyl bromide	ND	0.400	--	ND	1.75	--		2
Acetone	56.1	2.00	--	133	4.75	--		2
Trichlorofluoromethane	1.52	0.400	--	8.54	2.25	--		2
Isopropanol	5.30	1.00	--	13.0	2.46	--		2
1,1-Dichloroethene	ND	0.400	--	ND	1.59	--		2
Tertiary butyl Alcohol	ND	1.00	--	ND	3.03	--		2
Methylene chloride	ND	1.00	--	ND	3.47	--		2
3-Chloropropene	ND	0.400	--	ND	1.25	--		2
Carbon disulfide	2.37	0.400	--	7.38	1.25	--		2
Freon-113	ND	0.400	--	ND	3.07	--		2
trans-1,2-Dichloroethene	ND	0.400	--	ND	1.59	--		2
1,1-Dichloroethane	ND	0.400	--	ND	1.62	--		2
Methyl tert butyl ether	ND	0.400	--	ND	1.44	--		2
2-Butanone	89.9	1.00	--	265	2.95	--		2
cis-1,2-Dichloroethene	ND	0.400	--	ND	1.59	--		2



Project Name: 38 MAIN ST.**Lab Number:** L2127790**Project Number:** 11846**Report Date:** 06/02/21**SAMPLE RESULTS**

Lab ID: L2127790-02 D

Date Collected: 05/25/21 12:40

Client ID: SVP-2

Date Received: 05/25/21

Sample Location: YONKERS, NY

Field Prep: Not Specified

Sample Depth:

Parameter	ppbV			ug/m3			Qualifier	Dilution Factor
	Results	RL	MDL	Results	RL	MDL		
Volatile Organics in Air - Mansfield Lab								
Ethyl Acetate	ND	1.00	--	ND	3.60	--		2
Chloroform	4.38	0.400	--	21.4	1.95	--		2
Tetrahydrofuran	ND	1.00	--	ND	2.95	--		2
1,2-Dichloroethane	ND	0.400	--	ND	1.62	--		2
n-Hexane	5.06	0.400	--	17.8	1.41	--		2
1,1,1-Trichloroethane	0.740	0.400	--	4.04	2.18	--		2
Benzene	1.81	0.400	--	5.78	1.28	--		2
Carbon tetrachloride	ND	0.400	--	ND	2.52	--		2
Cyclohexane	1.58	0.400	--	5.44	1.38	--		2
1,2-Dichloropropane	ND	0.400	--	ND	1.85	--		2
Bromodichloromethane	ND	0.400	--	ND	2.68	--		2
1,4-Dioxane	ND	0.400	--	ND	1.44	--		2
Trichloroethene	0.586	0.400	--	3.15	2.15	--		2
2,2,4-Trimethylpentane	1.84	0.400	--	8.59	1.87	--		2
Heptane	4.74	0.400	--	19.4	1.64	--		2
cis-1,3-Dichloropropene	ND	0.400	--	ND	1.82	--		2
4-Methyl-2-pentanone	1.25	1.00	--	5.12	4.10	--		2
trans-1,3-Dichloropropene	ND	0.400	--	ND	1.82	--		2
1,1,2-Trichloroethane	ND	0.400	--	ND	2.18	--		2
Toluene	20.3	0.400	--	76.5	1.51	--		2
2-Hexanone	14.0	0.400	--	57.4	1.64	--		2
Dibromochloromethane	ND	0.400	--	ND	3.41	--		2
1,2-Dibromoethane	ND	0.400	--	ND	3.07	--		2
Tetrachloroethene	15.8	0.400	--	107	2.71	--		2
Chlorobenzene	ND	0.400	--	ND	1.84	--		2
Ethylbenzene	81.6	0.400	--	354	1.74	--		2



Project Name: 38 MAIN ST.**Lab Number:** L2127790**Project Number:** 11846**Report Date:** 06/02/21**SAMPLE RESULTS**

Lab ID: L2127790-02 D

Date Collected: 05/25/21 12:40

Client ID: SVP-2

Date Received: 05/25/21

Sample Location: YONKERS, NY

Field Prep: Not Specified

Sample Depth:

Parameter	ppbV			ug/m3			Qualifier	Dilution Factor
	Results	RL	MDL	Results	RL	MDL		
Volatile Organics in Air - Mansfield Lab								
p/m-Xylene	243	0.800	--	1060	3.47	--		2
Bromoform	ND	0.400	--	ND	4.14	--		2
Styrene	ND	0.400	--	ND	1.70	--		2
1,1,2,2-Tetrachloroethane	ND	0.400	--	ND	2.75	--		2
o-Xylene	91.4	0.400	--	397	1.74	--		2
4-Ethyltoluene	0.750	0.400	--	3.69	1.97	--		2
1,3,5-Trimethylbenzene	0.954	0.400	--	4.69	1.97	--		2
1,2,4-Trimethylbenzene	4.66	0.400	--	22.9	1.97	--		2
Benzyl chloride	ND	0.400	--	ND	2.07	--		2
1,3-Dichlorobenzene	ND	0.400	--	ND	2.40	--		2
1,4-Dichlorobenzene	ND	0.400	--	ND	2.40	--		2
1,2-Dichlorobenzene	ND	0.400	--	ND	2.40	--		2
1,2,4-Trichlorobenzene	ND	0.400	--	ND	2.97	--		2
Hexachlorobutadiene	ND	0.400	--	ND	4.27	--		2

Internal Standard	% Recovery	Qualifier	Acceptance Criteria
1,4-Difluorobenzene	92		60-140
Bromochloromethane	94		60-140
chlorobenzene-d5	97		60-140



Project Name: 38 MAIN ST.
Project Number: 11846

Lab Number: L2127790
Report Date: 06/02/21

SAMPLE RESULTS

Lab ID: L2127790-03 D
 Client ID: SVP-3
 Sample Location: YONKERS, NY

Date Collected: 05/25/21 13:05
 Date Received: 05/25/21
 Field Prep: Not Specified

Sample Depth:
 Matrix: Soil_Vapor
 Analytical Method: 48,TO-15
 Analytical Date: 05/30/21 17:42
 Analyst: RY

Parameter	ppbV			ug/m3			Qualifier	Dilution Factor
	Results	RL	MDL	Results	RL	MDL		
Volatile Organics in Air - Mansfield Lab								
Dichlorodifluoromethane	0.552	0.500	--	2.73	2.47	--		2.5
Chloromethane	0.580	0.500	--	1.20	1.03	--		2.5
Freon-114	ND	0.500	--	ND	3.49	--		2.5
Vinyl chloride	ND	0.500	--	ND	1.28	--		2.5
1,3-Butadiene	21.7	0.500	--	48.0	1.11	--		2.5
Bromomethane	ND	0.500	--	ND	1.94	--		2.5
Chloroethane	ND	0.500	--	ND	1.32	--		2.5
Ethanol	19.1	12.5	--	36.0	23.6	--		2.5
Vinyl bromide	ND	0.500	--	ND	2.19	--		2.5
Acetone	58.1	2.50	--	138	5.94	--		2.5
Trichlorofluoromethane	ND	0.500	--	ND	2.81	--		2.5
Isopropanol	1.57	1.25	--	3.86	3.07	--		2.5
1,1-Dichloroethene	ND	0.500	--	ND	1.98	--		2.5
Tertiary butyl Alcohol	1.78	1.25	--	5.40	3.79	--		2.5
Methylene chloride	ND	1.25	--	ND	4.34	--		2.5
3-Chloropropene	ND	0.500	--	ND	1.57	--		2.5
Carbon disulfide	10.2	0.500	--	31.8	1.56	--		2.5
Freon-113	ND	0.500	--	ND	3.83	--		2.5
trans-1,2-Dichloroethene	ND	0.500	--	ND	1.98	--		2.5
1,1-Dichloroethane	ND	0.500	--	ND	2.02	--		2.5
Methyl tert butyl ether	ND	0.500	--	ND	1.80	--		2.5
2-Butanone	90.9	1.25	--	268	3.69	--		2.5
cis-1,2-Dichloroethene	ND	0.500	--	ND	1.98	--		2.5



Project Name: 38 MAIN ST.**Lab Number:** L2127790**Project Number:** 11846**Report Date:** 06/02/21**SAMPLE RESULTS**

Lab ID: L2127790-03 D

Date Collected: 05/25/21 13:05

Client ID: SVP-3

Date Received: 05/25/21

Sample Location: YONKERS, NY

Field Prep: Not Specified

Sample Depth:

Parameter	ppbV			ug/m3			Qualifier	Dilution Factor
	Results	RL	MDL	Results	RL	MDL		
Volatile Organics in Air - Mansfield Lab								
Ethyl Acetate	ND	1.25	--	ND	4.50	--		2.5
Chloroform	4.48	0.500	--	21.9	2.44	--		2.5
Tetrahydrofuran	ND	1.25	--	ND	3.69	--		2.5
1,2-Dichloroethane	ND	0.500	--	ND	2.02	--		2.5
n-Hexane	20.9	0.500	--	73.7	1.76	--		2.5
1,1,1-Trichloroethane	0.972	0.500	--	5.30	2.73	--		2.5
Benzene	16.6	0.500	--	53.0	1.60	--		2.5
Carbon tetrachloride	ND	0.500	--	ND	3.15	--		2.5
Cyclohexane	2.40	0.500	--	8.26	1.72	--		2.5
1,2-Dichloropropane	ND	0.500	--	ND	2.31	--		2.5
Bromodichloromethane	ND	0.500	--	ND	3.35	--		2.5
1,4-Dioxane	ND	0.500	--	ND	1.80	--		2.5
Trichloroethene	ND	0.500	--	ND	2.69	--		2.5
2,2,4-Trimethylpentane	ND	0.500	--	ND	2.34	--		2.5
Heptane	13.8	0.500	--	56.6	2.05	--		2.5
cis-1,3-Dichloropropene	ND	0.500	--	ND	2.27	--		2.5
4-Methyl-2-pentanone	2.04	1.25	--	8.36	5.12	--		2.5
trans-1,3-Dichloropropene	ND	0.500	--	ND	2.27	--		2.5
1,1,2-Trichloroethane	ND	0.500	--	ND	2.73	--		2.5
Toluene	20.9	0.500	--	78.8	1.88	--		2.5
2-Hexanone	19.8	0.500	--	81.1	2.05	--		2.5
Dibromochloromethane	ND	0.500	--	ND	4.26	--		2.5
1,2-Dibromoethane	ND	0.500	--	ND	3.84	--		2.5
Tetrachloroethene	10.0	0.500	--	67.8	3.39	--		2.5
Chlorobenzene	ND	0.500	--	ND	2.30	--		2.5
Ethylbenzene	6.28	0.500	--	27.3	2.17	--		2.5



Project Name: 38 MAIN ST.**Lab Number:** L2127790**Project Number:** 11846**Report Date:** 06/02/21**SAMPLE RESULTS**

Lab ID: L2127790-03 D

Date Collected: 05/25/21 13:05

Client ID: SVP-3

Date Received: 05/25/21

Sample Location: YONKERS, NY

Field Prep: Not Specified

Sample Depth:

Parameter	ppbV			ug/m3			Qualifier	Dilution Factor
	Results	RL	MDL	Results	RL	MDL		
Volatile Organics in Air - Mansfield Lab								
p/m-Xylene	22.2	1.00	--	96.4	4.34	--		2.5
Bromoform	ND	0.500	--	ND	5.17	--		2.5
Styrene	ND	0.500	--	ND	2.13	--		2.5
1,1,2,2-Tetrachloroethane	ND	0.500	--	ND	3.43	--		2.5
o-Xylene	11.6	0.500	--	50.4	2.17	--		2.5
4-Ethyltoluene	ND	0.500	--	ND	2.46	--		2.5
1,3,5-Trimethylbenzene	ND	0.500	--	ND	2.46	--		2.5
1,2,4-Trimethylbenzene	0.728	0.500	--	3.58	2.46	--		2.5
Benzyl chloride	ND	0.500	--	ND	2.59	--		2.5
1,3-Dichlorobenzene	ND	0.500	--	ND	3.01	--		2.5
1,4-Dichlorobenzene	ND	0.500	--	ND	3.01	--		2.5
1,2-Dichlorobenzene	ND	0.500	--	ND	3.01	--		2.5
1,2,4-Trichlorobenzene	ND	0.500	--	ND	3.71	--		2.5
Hexachlorobutadiene	ND	0.500	--	ND	5.33	--		2.5

Internal Standard	% Recovery	Qualifier	Acceptance Criteria
1,4-Difluorobenzene	92		60-140
Bromochloromethane	90		60-140
chlorobenzene-d5	121		60-140



Project Name: 38 MAIN ST.
Project Number: 11846

Lab Number: L2127790
Report Date: 06/02/21

SAMPLE RESULTS

Lab ID: L2127790-04 D
 Client ID: SVP-4
 Sample Location: YONKERS, NY

Date Collected: 05/25/21 13:30
 Date Received: 05/25/21
 Field Prep: Not Specified

Sample Depth:
 Matrix: Soil_Vapor
 Analytical Method: 48,TO-15
 Analytical Date: 05/30/21 18:19
 Analyst: RY

Parameter	ppbV			ug/m3			Qualifier	Dilution Factor
	Results	RL	MDL	Results	RL	MDL		
Volatile Organics in Air - Mansfield Lab								
Dichlorodifluoromethane	0.428	0.400	--	2.12	1.98	--		2
Chloromethane	ND	0.400	--	ND	0.826	--		2
Freon-114	ND	0.400	--	ND	2.80	--		2
Vinyl chloride	ND	0.400	--	ND	1.02	--		2
1,3-Butadiene	ND	0.400	--	ND	0.885	--		2
Bromomethane	ND	0.400	--	ND	1.55	--		2
Chloroethane	ND	0.400	--	ND	1.06	--		2
Ethanol	11.6	10.0	--	21.9	18.8	--		2
Vinyl bromide	ND	0.400	--	ND	1.75	--		2
Acetone	26.0	2.00	--	61.8	4.75	--		2
Trichlorofluoromethane	0.890	0.400	--	5.00	2.25	--		2
Isopropanol	ND	1.00	--	ND	2.46	--		2
1,1-Dichloroethene	ND	0.400	--	ND	1.59	--		2
Tertiary butyl Alcohol	1.37	1.00	--	4.15	3.03	--		2
Methylene chloride	ND	1.00	--	ND	3.47	--		2
3-Chloropropene	ND	0.400	--	ND	1.25	--		2
Carbon disulfide	1.08	0.400	--	3.36	1.25	--		2
Freon-113	ND	0.400	--	ND	3.07	--		2
trans-1,2-Dichloroethene	ND	0.400	--	ND	1.59	--		2
1,1-Dichloroethane	ND	0.400	--	ND	1.62	--		2
Methyl tert butyl ether	ND	0.400	--	ND	1.44	--		2
2-Butanone	127	1.00	--	375	2.95	--		2
cis-1,2-Dichloroethene	ND	0.400	--	ND	1.59	--		2



Project Name: 38 MAIN ST.**Lab Number:** L2127790**Project Number:** 11846**Report Date:** 06/02/21**SAMPLE RESULTS**

Lab ID: L2127790-04 D

Date Collected: 05/25/21 13:30

Client ID: SVP-4

Date Received: 05/25/21

Sample Location: YONKERS, NY

Field Prep: Not Specified

Sample Depth:

Parameter	ppbV			ug/m3			Qualifier	Dilution Factor
	Results	RL	MDL	Results	RL	MDL		
Volatile Organics in Air - Mansfield Lab								
Ethyl Acetate	ND	1.00	--	ND	3.60	--		2
Chloroform	0.606	0.400	--	2.96	1.95	--		2
Tetrahydrofuran	ND	1.00	--	ND	2.95	--		2
1,2-Dichloroethane	ND	0.400	--	ND	1.62	--		2
n-Hexane	1.27	0.400	--	4.48	1.41	--		2
1,1,1-Trichloroethane	ND	0.400	--	ND	2.18	--		2
Benzene	0.746	0.400	--	2.38	1.28	--		2
Carbon tetrachloride	ND	0.400	--	ND	2.52	--		2
Cyclohexane	ND	0.400	--	ND	1.38	--		2
1,2-Dichloropropane	ND	0.400	--	ND	1.85	--		2
Bromodichloromethane	ND	0.400	--	ND	2.68	--		2
1,4-Dioxane	ND	0.400	--	ND	1.44	--		2
Trichloroethene	ND	0.400	--	ND	2.15	--		2
2,2,4-Trimethylpentane	0.934	0.400	--	4.36	1.87	--		2
Heptane	0.966	0.400	--	3.96	1.64	--		2
cis-1,3-Dichloropropene	ND	0.400	--	ND	1.82	--		2
4-Methyl-2-pentanone	ND	1.00	--	ND	4.10	--		2
trans-1,3-Dichloropropene	ND	0.400	--	ND	1.82	--		2
1,1,2-Trichloroethane	ND	0.400	--	ND	2.18	--		2
Toluene	12.5	0.400	--	47.1	1.51	--		2
2-Hexanone	12.4	0.400	--	50.8	1.64	--		2
Dibromochloromethane	ND	0.400	--	ND	3.41	--		2
1,2-Dibromoethane	ND	0.400	--	ND	3.07	--		2
Tetrachloroethene	0.682	0.400	--	4.62	2.71	--		2
Chlorobenzene	ND	0.400	--	ND	1.84	--		2
Ethylbenzene	1.28	0.400	--	5.56	1.74	--		2



Project Name: 38 MAIN ST.**Lab Number:** L2127790**Project Number:** 11846**Report Date:** 06/02/21**SAMPLE RESULTS**

Lab ID: L2127790-04 D

Date Collected: 05/25/21 13:30

Client ID: SVP-4

Date Received: 05/25/21

Sample Location: YONKERS, NY

Field Prep: Not Specified

Sample Depth:

Parameter	ppbV			ug/m3			Qualifier	Dilution Factor
	Results	RL	MDL	Results	RL	MDL		
Volatile Organics in Air - Mansfield Lab								
p/m-Xylene	4.20	0.800	--	18.2	3.47	--		2
Bromoform	ND	0.400	--	ND	4.14	--		2
Styrene	ND	0.400	--	ND	1.70	--		2
1,1,2,2-Tetrachloroethane	ND	0.400	--	ND	2.75	--		2
o-Xylene	1.51	0.400	--	6.56	1.74	--		2
4-Ethyltoluene	ND	0.400	--	ND	1.97	--		2
1,3,5-Trimethylbenzene	ND	0.400	--	ND	1.97	--		2
1,2,4-Trimethylbenzene	0.848	0.400	--	4.17	1.97	--		2
Benzyl chloride	ND	0.400	--	ND	2.07	--		2
1,3-Dichlorobenzene	ND	0.400	--	ND	2.40	--		2
1,4-Dichlorobenzene	ND	0.400	--	ND	2.40	--		2
1,2-Dichlorobenzene	ND	0.400	--	ND	2.40	--		2
1,2,4-Trichlorobenzene	ND	0.400	--	ND	2.97	--		2
Hexachlorobutadiene	ND	0.400	--	ND	4.27	--		2

Internal Standard	% Recovery	Qualifier	Acceptance Criteria
1,4-Difluorobenzene	93		60-140
Bromochloromethane	90		60-140
chlorobenzene-d5	88		60-140



Project Name: 38 MAIN ST.
Project Number: 11846

Lab Number: L2127790
Report Date: 06/02/21

SAMPLE RESULTS

Lab ID: L2127790-05 D
 Client ID: SVP-5
 Sample Location: YONKERS, NY

Date Collected: 05/25/21 13:55
 Date Received: 05/25/21
 Field Prep: Not Specified

Sample Depth:
 Matrix: Soil_Vapor
 Analytical Method: 48,TO-15
 Analytical Date: 05/30/21 18:55
 Analyst: RY

Parameter	ppbV			ug/m3			Qualifier	Dilution Factor
	Results	RL	MDL	Results	RL	MDL		
Volatile Organics in Air - Mansfield Lab								
Dichlorodifluoromethane	ND	0.833	--	ND	4.12	--		4.167
Chloromethane	ND	0.833	--	ND	1.72	--		4.167
Freon-114	ND	0.833	--	ND	5.82	--		4.167
Vinyl chloride	ND	0.833	--	ND	2.13	--		4.167
1,3-Butadiene	ND	0.833	--	ND	1.84	--		4.167
Bromomethane	ND	0.833	--	ND	3.23	--		4.167
Chloroethane	ND	0.833	--	ND	2.20	--		4.167
Ethanol	25.1	20.8	--	47.3	39.2	--		4.167
Vinyl bromide	ND	0.833	--	ND	3.64	--		4.167
Acetone	34.7	4.17	--	82.4	9.91	--		4.167
Trichlorofluoromethane	1.36	0.833	--	7.64	4.68	--		4.167
Isopropanol	ND	2.08	--	ND	5.11	--		4.167
1,1-Dichloroethene	ND	0.833	--	ND	3.30	--		4.167
Tertiary butyl Alcohol	2.78	2.08	--	8.43	6.31	--		4.167
Methylene chloride	ND	2.08	--	ND	7.23	--		4.167
3-Chloropropene	ND	0.833	--	ND	2.61	--		4.167
Carbon disulfide	ND	0.833	--	ND	2.59	--		4.167
Freon-113	ND	0.833	--	ND	6.38	--		4.167
trans-1,2-Dichloroethene	ND	0.833	--	ND	3.30	--		4.167
1,1-Dichloroethane	ND	0.833	--	ND	3.37	--		4.167
Methyl tert butyl ether	ND	0.833	--	ND	3.00	--		4.167
2-Butanone	251	2.08	--	740	6.13	--		4.167
cis-1,2-Dichloroethene	ND	0.833	--	ND	3.30	--		4.167



Project Name: 38 MAIN ST.
Project Number: 11846

Lab Number: L2127790
Report Date: 06/02/21

SAMPLE RESULTS

Lab ID: L2127790-05 D
 Client ID: SVP-5
 Sample Location: YONKERS, NY

Date Collected: 05/25/21 13:55
 Date Received: 05/25/21
 Field Prep: Not Specified

Sample Depth:

Parameter	ppbV			ug/m3			Qualifier	Dilution Factor
	Results	RL	MDL	Results	RL	MDL		
Volatile Organics in Air - Mansfield Lab								
Ethyl Acetate	ND	2.08	--	ND	7.50	--		4.167
Chloroform	ND	0.833	--	ND	4.07	--		4.167
Tetrahydrofuran	5.13	2.08	--	15.1	6.13	--		4.167
1,2-Dichloroethane	ND	0.833	--	ND	3.37	--		4.167
n-Hexane	1.00	0.833	--	3.52	2.94	--		4.167
1,1,1-Trichloroethane	ND	0.833	--	ND	4.54	--		4.167
Benzene	0.950	0.833	--	3.03	2.66	--		4.167
Carbon tetrachloride	ND	0.833	--	ND	5.24	--		4.167
Cyclohexane	ND	0.833	--	ND	2.87	--		4.167
1,2-Dichloropropane	ND	0.833	--	ND	3.85	--		4.167
Bromodichloromethane	ND	0.833	--	ND	5.58	--		4.167
1,4-Dioxane	ND	0.833	--	ND	3.00	--		4.167
Trichloroethene	ND	0.833	--	ND	4.48	--		4.167
2,2,4-Trimethylpentane	ND	0.833	--	ND	3.89	--		4.167
Heptane	1.29	0.833	--	5.29	3.41	--		4.167
cis-1,3-Dichloropropene	ND	0.833	--	ND	3.78	--		4.167
4-Methyl-2-pentanone	ND	2.08	--	ND	8.52	--		4.167
trans-1,3-Dichloropropene	ND	0.833	--	ND	3.78	--		4.167
1,1,2-Trichloroethane	ND	0.833	--	ND	4.54	--		4.167
Toluene	13.5	0.833	--	50.9	3.14	--		4.167
2-Hexanone	20.7	0.833	--	84.8	3.41	--		4.167
Dibromochloromethane	ND	0.833	--	ND	7.10	--		4.167
1,2-Dibromoethane	ND	0.833	--	ND	6.40	--		4.167
Tetrachloroethene	ND	0.833	--	ND	5.65	--		4.167
Chlorobenzene	ND	0.833	--	ND	3.84	--		4.167
Ethylbenzene	8.71	0.833	--	37.8	3.62	--		4.167



Project Name: 38 MAIN ST.
Project Number: 11846

Lab Number: L2127790
Report Date: 06/02/21

SAMPLE RESULTS

Lab ID: L2127790-05 D
 Client ID: SVP-5
 Sample Location: YONKERS, NY

Date Collected: 05/25/21 13:55
 Date Received: 05/25/21
 Field Prep: Not Specified

Sample Depth:

Parameter	ppbV			ug/m3			Qualifier	Dilution Factor
	Results	RL	MDL	Results	RL	MDL		
Volatile Organics in Air - Mansfield Lab								
p/m-Xylene	29.5	1.67	--	128	7.25	--		4.167
Bromoform	ND	0.833	--	ND	8.61	--		4.167
Styrene	ND	0.833	--	ND	3.55	--		4.167
1,1,2,2-Tetrachloroethane	ND	0.833	--	ND	5.72	--		4.167
o-Xylene	9.33	0.833	--	40.5	3.62	--		4.167
4-Ethyltoluene	ND	0.833	--	ND	4.10	--		4.167
1,3,5-Trimethylbenzene	ND	0.833	--	ND	4.10	--		4.167
1,2,4-Trimethylbenzene	1.14	0.833	--	5.60	4.10	--		4.167
Benzyl chloride	ND	0.833	--	ND	4.31	--		4.167
1,3-Dichlorobenzene	ND	0.833	--	ND	5.01	--		4.167
1,4-Dichlorobenzene	ND	0.833	--	ND	5.01	--		4.167
1,2-Dichlorobenzene	ND	0.833	--	ND	5.01	--		4.167
1,2,4-Trichlorobenzene	ND	0.833	--	ND	6.18	--		4.167
Hexachlorobutadiene	ND	0.833	--	ND	8.89	--		4.167

Internal Standard	% Recovery	Qualifier	Acceptance Criteria
1,4-Difluorobenzene	91		60-140
Bromochloromethane	89		60-140
chlorobenzene-d5	88		60-140



Project Name: 38 MAIN ST.

Lab Number: L2127790

Project Number: 11846

Report Date: 06/02/21

Method Blank Analysis Batch Quality Control

Analytical Method: 48,TO-15

Analytical Date: 05/30/21 14:29

Parameter	ppbV			ug/m3			Qualifier	Dilution Factor
	Results	RL	MDL	Results	RL	MDL		
Volatile Organics in Air - Mansfield Lab for sample(s): 01-05 Batch: WG1505563-4								
Dichlorodifluoromethane	ND	0.200	--	ND	0.989	--		1
Chloromethane	ND	0.200	--	ND	0.413	--		1
Freon-114	ND	0.200	--	ND	1.40	--		1
Vinyl chloride	ND	0.200	--	ND	0.511	--		1
1,3-Butadiene	ND	0.200	--	ND	0.442	--		1
Bromomethane	ND	0.200	--	ND	0.777	--		1
Chloroethane	ND	0.200	--	ND	0.528	--		1
Ethanol	ND	5.00	--	ND	9.42	--		1
Vinyl bromide	ND	0.200	--	ND	0.874	--		1
Acetone	ND	1.00	--	ND	2.38	--		1
Trichlorofluoromethane	ND	0.200	--	ND	1.12	--		1
Isopropanol	ND	0.500	--	ND	1.23	--		1
1,1-Dichloroethene	ND	0.200	--	ND	0.793	--		1
Tertiary butyl Alcohol	ND	0.500	--	ND	1.52	--		1
Methylene chloride	ND	0.500	--	ND	1.74	--		1
3-Chloropropene	ND	0.200	--	ND	0.626	--		1
Carbon disulfide	ND	0.200	--	ND	0.623	--		1
Freon-113	ND	0.200	--	ND	1.53	--		1
trans-1,2-Dichloroethene	ND	0.200	--	ND	0.793	--		1
1,1-Dichloroethane	ND	0.200	--	ND	0.809	--		1
Methyl tert butyl ether	ND	0.200	--	ND	0.721	--		1
2-Butanone	ND	0.500	--	ND	1.47	--		1
cis-1,2-Dichloroethene	ND	0.200	--	ND	0.793	--		1
Ethyl Acetate	ND	0.500	--	ND	1.80	--		1
Chloroform	ND	0.200	--	ND	0.977	--		1



Project Name: 38 MAIN ST.

Lab Number: L2127790

Project Number: 11846

Report Date: 06/02/21

Method Blank Analysis Batch Quality Control

Analytical Method: 48,TO-15

Analytical Date: 05/30/21 14:29

Parameter	ppbV			ug/m3			Qualifier	Dilution Factor
	Results	RL	MDL	Results	RL	MDL		
Volatile Organics in Air - Mansfield Lab for sample(s): 01-05 Batch: WG1505563-4								
Tetrahydrofuran	ND	0.500	--	ND	1.47	--		1
1,2-Dichloroethane	ND	0.200	--	ND	0.809	--		1
n-Hexane	ND	0.200	--	ND	0.705	--		1
1,1,1-Trichloroethane	ND	0.200	--	ND	1.09	--		1
Benzene	ND	0.200	--	ND	0.639	--		1
Carbon tetrachloride	ND	0.200	--	ND	1.26	--		1
Cyclohexane	ND	0.200	--	ND	0.688	--		1
1,2-Dichloropropane	ND	0.200	--	ND	0.924	--		1
Bromodichloromethane	ND	0.200	--	ND	1.34	--		1
1,4-Dioxane	ND	0.200	--	ND	0.721	--		1
Trichloroethene	ND	0.200	--	ND	1.07	--		1
2,2,4-Trimethylpentane	ND	0.200	--	ND	0.934	--		1
Heptane	ND	0.200	--	ND	0.820	--		1
cis-1,3-Dichloropropene	ND	0.200	--	ND	0.908	--		1
4-Methyl-2-pentanone	ND	0.500	--	ND	2.05	--		1
trans-1,3-Dichloropropene	ND	0.200	--	ND	0.908	--		1
1,1,2-Trichloroethane	ND	0.200	--	ND	1.09	--		1
Toluene	ND	0.200	--	ND	0.754	--		1
2-Hexanone	ND	0.200	--	ND	0.820	--		1
Dibromochloromethane	ND	0.200	--	ND	1.70	--		1
1,2-Dibromoethane	ND	0.200	--	ND	1.54	--		1
Tetrachloroethene	ND	0.200	--	ND	1.36	--		1
Chlorobenzene	ND	0.200	--	ND	0.921	--		1
Ethylbenzene	ND	0.200	--	ND	0.869	--		1
p/m-Xylene	ND	0.400	--	ND	1.74	--		1

Project Name: 38 MAIN ST.

Lab Number: L2127790

Project Number: 11846

Report Date: 06/02/21

Method Blank Analysis Batch Quality Control

Analytical Method: 48,TO-15

Analytical Date: 05/30/21 14:29

Parameter	ppbV			ug/m3			Qualifier	Dilution Factor
	Results	RL	MDL	Results	RL	MDL		
Volatile Organics in Air - Mansfield Lab for sample(s): 01-05 Batch: WG1505563-4								
Bromoform	ND	0.200	--	ND	2.07	--		1
Styrene	ND	0.200	--	ND	0.852	--		1
1,1,2,2-Tetrachloroethane	ND	0.200	--	ND	1.37	--		1
o-Xylene	ND	0.200	--	ND	0.869	--		1
4-Ethyltoluene	ND	0.200	--	ND	0.983	--		1
1,3,5-Trimethylbenzene	ND	0.200	--	ND	0.983	--		1
1,2,4-Trimethylbenzene	ND	0.200	--	ND	0.983	--		1
Benzyl chloride	ND	0.200	--	ND	1.04	--		1
1,3-Dichlorobenzene	ND	0.200	--	ND	1.20	--		1
1,4-Dichlorobenzene	ND	0.200	--	ND	1.20	--		1
1,2-Dichlorobenzene	ND	0.200	--	ND	1.20	--		1
1,2,4-Trichlorobenzene	ND	0.200	--	ND	1.48	--		1
Hexachlorobutadiene	ND	0.200	--	ND	2.13	--		1

Lab Control Sample Analysis

Batch Quality Control

Project Name: 38 MAIN ST.

Project Number: 11846

Lab Number: L2127790

Report Date: 06/02/21

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics in Air - Mansfield Lab Associated sample(s): 01-05 Batch: WG1505563-3								
Dichlorodifluoromethane	100		-		70-130	-		
Chloromethane	98		-		70-130	-		
Freon-114	100		-		70-130	-		
Vinyl chloride	100		-		70-130	-		
1,3-Butadiene	105		-		70-130	-		
Bromomethane	99		-		70-130	-		
Chloroethane	97		-		70-130	-		
Ethanol	99		-		40-160	-		
Vinyl bromide	111		-		70-130	-		
Acetone	77		-		40-160	-		
Trichlorofluoromethane	97		-		70-130	-		
Isopropanol	76		-		40-160	-		
1,1-Dichloroethene	106		-		70-130	-		
Tertiary butyl Alcohol	93		-		70-130	-		
Methylene chloride	101		-		70-130	-		
3-Chloropropene	103		-		70-130	-		
Carbon disulfide	92		-		70-130	-		
Freon-113	102		-		70-130	-		
trans-1,2-Dichloroethene	97		-		70-130	-		
1,1-Dichloroethane	98		-		70-130	-		
Methyl tert butyl ether	100		-		70-130	-		
2-Butanone	99		-		70-130	-		
cis-1,2-Dichloroethene	102		-		70-130	-		

Lab Control Sample Analysis

Batch Quality Control

Project Name: 38 MAIN ST.

Lab Number: L2127790

Project Number: 11846

Report Date: 06/02/21

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics in Air - Mansfield Lab Associated sample(s): 01-05 Batch: WG1505563-3								
Ethyl Acetate	102		-		70-130	-		
Chloroform	101		-		70-130	-		
Tetrahydrofuran	98		-		70-130	-		
1,2-Dichloroethane	100		-		70-130	-		
n-Hexane	98		-		70-130	-		
1,1,1-Trichloroethane	103		-		70-130	-		
Benzene	98		-		70-130	-		
Carbon tetrachloride	105		-		70-130	-		
Cyclohexane	99		-		70-130	-		
1,2-Dichloropropane	100		-		70-130	-		
Bromodichloromethane	102		-		70-130	-		
1,4-Dioxane	101		-		70-130	-		
Trichloroethene	102		-		70-130	-		
2,2,4-Trimethylpentane	102		-		70-130	-		
Heptane	102		-		70-130	-		
cis-1,3-Dichloropropene	107		-		70-130	-		
4-Methyl-2-pentanone	106		-		70-130	-		
trans-1,3-Dichloropropene	95		-		70-130	-		
1,1,2-Trichloroethane	104		-		70-130	-		
Toluene	99		-		70-130	-		
2-Hexanone	100		-		70-130	-		
Dibromochloromethane	110		-		70-130	-		
1,2-Dibromoethane	104		-		70-130	-		

Lab Control Sample Analysis

Batch Quality Control

Project Name: 38 MAIN ST.

Project Number: 11846

Lab Number: L2127790

Report Date: 06/02/21

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics in Air - Mansfield Lab Associated sample(s): 01-05 Batch: WG1505563-3								
Tetrachloroethene	102		-		70-130	-		
Chlorobenzene	104		-		70-130	-		
Ethylbenzene	102		-		70-130	-		
p/m-Xylene	104		-		70-130	-		
Bromoform	113		-		70-130	-		
Styrene	101		-		70-130	-		
1,1,2,2-Tetrachloroethane	102		-		70-130	-		
o-Xylene	103		-		70-130	-		
4-Ethyltoluene	100		-		70-130	-		
1,3,5-Trimethylbenzene	104		-		70-130	-		
1,2,4-Trimethylbenzene	107		-		70-130	-		
Benzyl chloride	108		-		70-130	-		
1,3-Dichlorobenzene	105		-		70-130	-		
1,4-Dichlorobenzene	103		-		70-130	-		
1,2-Dichlorobenzene	103		-		70-130	-		
1,2,4-Trichlorobenzene	114		-		70-130	-		
Hexachlorobutadiene	112		-		70-130	-		

Project Name: 38 MAIN ST.

Project Number: 11846

Serial_No:06022116:06
Lab Number: L2127790

Report Date: 06/02/21

Canister and Flow Controller Information

Samplenum	Client ID	Media ID	Media Type	Date Prepared	Bottle Order	Cleaning Batch ID	Can Leak Check	Initial Pressure (in. Hg)	Pressure on Receipt (in. Hg)	Flow Controller Leak Chk	Flow Out mL/min	Flow In mL/min	% RPD
L2127790-01	AMB-1	0768	Flow 2	05/21/21	352796		-	-	-	Pass	40.0	40.1	0
L2127790-01	AMB-1	3352	6.0L Can	05/21/21	352796	L2124072-04	Pass	-29.8	-3.5	-	-	-	-
L2127790-02	SVP-2	0042	Flow 1	05/21/21	352796		-	-	-	Pass	144	147	2
L2127790-02	SVP-2	2420	2.7L Can	05/21/21	352796	L2125520-02	Pass	-29.8	-9.6	-	-	-	-
L2127790-03	SVP-3	01639	Flow 1	05/21/21	352796		-	-	-	Pass	144	147	2
L2127790-03	SVP-3	2991	2.7L Can	05/21/21	352796	L2125520-02	Pass	-29.8	-6.9	-	-	-	-
L2127790-04	SVP-4	0830	Flow 2	05/21/21	352796		-	-	-	Pass	144	144	0
L2127790-04	SVP-4	2373	2.7L Can	05/21/21	352796	L2125520-02	Pass	-29.8	-5.4	-	-	-	-
L2127790-05	SVP-5	0908	Flow 4	05/21/21	352796		-	-	-	Pass	144	69	70
L2127790-05	SVP-5	3016	2.7L Can	05/21/21	352796	L2125520-02	Pass	-29.8	-4.4	-	-	-	-

Project Name: BATCH CANISTER CERTIFICATION
Project Number: CANISTER QC BAT

Lab Number: L2124072
Report Date: 06/02/21

Air Canister Certification Results

Lab ID: L2124072-04
 Client ID: CAN 1657 SHELF 53
 Sample Location:

Date Collected: 05/10/21 09:00
 Date Received: 05/10/21
 Field Prep: Not Specified

Sample Depth:
 Matrix: Air
 Analytical Method: 48,TO-15
 Analytical Date: 05/10/21 18:49
 Analyst: TS

Parameter	ppbV			ug/m3			Qualifier	Dilution Factor
	Results	RL	MDL	Results	RL	MDL		
Volatile Organics in Air - Mansfield Lab								
Chlorodifluoromethane	ND	0.200	--	ND	0.707	--		1
Propylene	ND	0.500	--	ND	0.861	--		1
Propane	ND	0.500	--	ND	0.902	--		1
Dichlorodifluoromethane	ND	0.200	--	ND	0.989	--		1
Chloromethane	ND	0.200	--	ND	0.413	--		1
Freon-114	ND	0.200	--	ND	1.40	--		1
Methanol	ND	5.00	--	ND	6.55	--		1
Vinyl chloride	ND	0.200	--	ND	0.511	--		1
1,3-Butadiene	ND	0.200	--	ND	0.442	--		1
Butane	ND	0.200	--	ND	0.475	--		1
Bromomethane	ND	0.200	--	ND	0.777	--		1
Chloroethane	ND	0.200	--	ND	0.528	--		1
Ethanol	ND	5.00	--	ND	9.42	--		1
Dichlorofluoromethane	ND	0.200	--	ND	0.842	--		1
Vinyl bromide	ND	0.200	--	ND	0.874	--		1
Acrolein	ND	0.500	--	ND	1.15	--		1
Acetone	ND	1.00	--	ND	2.38	--		1
Acetonitrile	ND	0.200	--	ND	0.336	--		1
Trichlorofluoromethane	ND	0.200	--	ND	1.12	--		1
Isopropanol	ND	0.500	--	ND	1.23	--		1
Acrylonitrile	ND	0.500	--	ND	1.09	--		1
Pentane	ND	0.200	--	ND	0.590	--		1
Ethyl ether	ND	0.200	--	ND	0.606	--		1
1,1-Dichloroethene	ND	0.200	--	ND	0.793	--		1



Project Name: BATCH CANISTER CERTIFICATION
Project Number: CANISTER QC BAT

Lab Number: L2124072
Report Date: 06/02/21

Air Canister Certification Results

Lab ID: L2124072-04
 Client ID: CAN 1657 SHELF 53
 Sample Location:

Date Collected: 05/10/21 09:00
 Date Received: 05/10/21
 Field Prep: Not Specified

Sample Depth:

Parameter	ppbV			ug/m3			Qualifier	Dilution Factor
	Results	RL	MDL	Results	RL	MDL		
Volatile Organics in Air - Mansfield Lab								
Tertiary butyl Alcohol	ND	0.500	--	ND	1.52	--		1
Methylene chloride	ND	0.500	--	ND	1.74	--		1
3-Chloropropene	ND	0.200	--	ND	0.626	--		1
Carbon disulfide	ND	0.200	--	ND	0.623	--		1
Freon-113	ND	0.200	--	ND	1.53	--		1
trans-1,2-Dichloroethene	ND	0.200	--	ND	0.793	--		1
1,1-Dichloroethane	ND	0.200	--	ND	0.809	--		1
Methyl tert butyl ether	ND	0.200	--	ND	0.721	--		1
Vinyl acetate	ND	1.00	--	ND	3.52	--		1
2-Butanone	ND	0.500	--	ND	1.47	--		1
Xylenes, total	ND	0.600	--	ND	0.869	--		1
cis-1,2-Dichloroethene	ND	0.200	--	ND	0.793	--		1
Ethyl Acetate	ND	0.500	--	ND	1.80	--		1
Chloroform	ND	0.200	--	ND	0.977	--		1
Tetrahydrofuran	ND	0.500	--	ND	1.47	--		1
2,2-Dichloropropane	ND	0.200	--	ND	0.924	--		1
1,2-Dichloroethane	ND	0.200	--	ND	0.809	--		1
n-Hexane	ND	0.200	--	ND	0.705	--		1
Diisopropyl ether	ND	0.200	--	ND	0.836	--		1
tert-Butyl Ethyl Ether	ND	0.200	--	ND	0.836	--		1
1,2-Dichloroethene (total)	ND	1.00	--	ND	1.00	--		1
1,1,1-Trichloroethane	ND	0.200	--	ND	1.09	--		1
1,1-Dichloropropene	ND	0.200	--	ND	0.908	--		1
Benzene	ND	0.200	--	ND	0.639	--		1
Carbon tetrachloride	ND	0.200	--	ND	1.26	--		1
Cyclohexane	ND	0.200	--	ND	0.688	--		1
tert-Amyl Methyl Ether	ND	0.200	--	ND	0.836	--		1



Project Name: BATCH CANISTER CERTIFICATION
Project Number: CANISTER QC BAT

Lab Number: L2124072
Report Date: 06/02/21

Air Canister Certification Results

Lab ID: L2124072-04
 Client ID: CAN 1657 SHELF 53
 Sample Location:

Date Collected: 05/10/21 09:00
 Date Received: 05/10/21
 Field Prep: Not Specified

Sample Depth:

Parameter	ppbV			ug/m3			Qualifier	Dilution Factor
	Results	RL	MDL	Results	RL	MDL		
Volatile Organics in Air - Mansfield Lab								
Dibromomethane	ND	0.200	--	ND	1.42	--		1
1,2-Dichloropropane	ND	0.200	--	ND	0.924	--		1
Bromodichloromethane	ND	0.200	--	ND	1.34	--		1
1,4-Dioxane	ND	0.200	--	ND	0.721	--		1
Trichloroethene	ND	0.200	--	ND	1.07	--		1
2,2,4-Trimethylpentane	ND	0.200	--	ND	0.934	--		1
Methyl Methacrylate	ND	0.500	--	ND	2.05	--		1
Heptane	ND	0.200	--	ND	0.820	--		1
cis-1,3-Dichloropropene	ND	0.200	--	ND	0.908	--		1
4-Methyl-2-pentanone	ND	0.500	--	ND	2.05	--		1
trans-1,3-Dichloropropene	ND	0.200	--	ND	0.908	--		1
1,1,2-Trichloroethane	ND	0.200	--	ND	1.09	--		1
Toluene	ND	0.200	--	ND	0.754	--		1
1,3-Dichloropropane	ND	0.200	--	ND	0.924	--		1
2-Hexanone	ND	0.200	--	ND	0.820	--		1
Dibromochloromethane	ND	0.200	--	ND	1.70	--		1
1,2-Dibromoethane	ND	0.200	--	ND	1.54	--		1
Butyl acetate	ND	0.500	--	ND	2.38	--		1
Octane	ND	0.200	--	ND	0.934	--		1
Tetrachloroethene	ND	0.200	--	ND	1.36	--		1
1,1,1,2-Tetrachloroethane	ND	0.200	--	ND	1.37	--		1
Chlorobenzene	ND	0.200	--	ND	0.921	--		1
Ethylbenzene	ND	0.200	--	ND	0.869	--		1
p/m-Xylene	ND	0.400	--	ND	1.74	--		1
Bromoform	ND	0.200	--	ND	2.07	--		1
Styrene	ND	0.200	--	ND	0.852	--		1
1,1,2,2-Tetrachloroethane	ND	0.200	--	ND	1.37	--		1



Project Name: BATCH CANISTER CERTIFICATION
Project Number: CANISTER QC BAT

Lab Number: L2124072
Report Date: 06/02/21

Air Canister Certification Results

Lab ID: L2124072-04
 Client ID: CAN 1657 SHELF 53
 Sample Location:

Date Collected: 05/10/21 09:00
 Date Received: 05/10/21
 Field Prep: Not Specified

Sample Depth:

Parameter	ppbV			ug/m3			Qualifier	Dilution Factor
	Results	RL	MDL	Results	RL	MDL		
Volatile Organics in Air - Mansfield Lab								
o-Xylene	ND	0.200	--	ND	0.869	--		1
1,2,3-Trichloropropane	ND	0.200	--	ND	1.21	--		1
Nonane	ND	0.200	--	ND	1.05	--		1
Isopropylbenzene	ND	0.200	--	ND	0.983	--		1
Bromobenzene	ND	0.200	--	ND	0.793	--		1
2-Chlorotoluene	ND	0.200	--	ND	1.04	--		1
n-Propylbenzene	ND	0.200	--	ND	0.983	--		1
4-Chlorotoluene	ND	0.200	--	ND	1.04	--		1
4-Ethyltoluene	ND	0.200	--	ND	0.983	--		1
1,3,5-Trimethylbenzene	ND	0.200	--	ND	0.983	--		1
tert-Butylbenzene	ND	0.200	--	ND	1.10	--		1
1,2,4-Trimethylbenzene	ND	0.200	--	ND	0.983	--		1
Decane	ND	0.200	--	ND	1.16	--		1
Benzyl chloride	ND	0.200	--	ND	1.04	--		1
1,3-Dichlorobenzene	ND	0.200	--	ND	1.20	--		1
1,4-Dichlorobenzene	ND	0.200	--	ND	1.20	--		1
sec-Butylbenzene	ND	0.200	--	ND	1.10	--		1
p-Isopropyltoluene	ND	0.200	--	ND	1.10	--		1
1,2-Dichlorobenzene	ND	0.200	--	ND	1.20	--		1
n-Butylbenzene	ND	0.200	--	ND	1.10	--		1
1,2-Dibromo-3-chloropropane	ND	0.200	--	ND	1.93	--		1
Undecane	ND	0.200	--	ND	1.28	--		1
Dodecane	ND	0.200	--	ND	1.39	--		1
1,2,4-Trichlorobenzene	ND	0.200	--	ND	1.48	--		1
Naphthalene	ND	0.200	--	ND	1.05	--		1
1,2,3-Trichlorobenzene	ND	0.200	--	ND	1.48	--		1
Hexachlorobutadiene	ND	0.200	--	ND	2.13	--		1



Project Name: BATCH CANISTER CERTIFICATION
Project Number: CANISTER QC BAT

Lab Number: L2124072
Report Date: 06/02/21

Air Canister Certification Results

Lab ID: L2124072-04
 Client ID: CAN 1657 SHELF 53
 Sample Location:

Date Collected: 05/10/21 09:00
 Date Received: 05/10/21
 Field Prep: Not Specified

Sample Depth:

Parameter	ppbV			ug/m3			Qualifier	Dilution Factor
	Results	RL	MDL	Results	RL	MDL		
Volatile Organics in Air - Mansfield Lab								

Results	Qualifier	Units	RDL	Dilution Factor
Tentatively Identified Compounds				

No Tentatively Identified Compounds

Internal Standard	% Recovery	Qualifier	Acceptance Criteria
1,4-Difluorobenzene	82		60-140
Bromochloromethane	88		60-140
chlorobenzene-d5	82		60-140



Project Name: BATCH CANISTER CERTIFICATION
Project Number: CANISTER QC BAT

Lab Number: L2124072
Report Date: 06/02/21

Air Canister Certification Results

Lab ID: L2124072-04
 Client ID: CAN 1657 SHELF 53
 Sample Location:

Date Collected: 05/10/21 09:00
 Date Received: 05/10/21
 Field Prep: Not Specified

Sample Depth:
 Matrix: Air
 Analytical Method: 48,TO-15-SIM
 Analytical Date: 05/10/21 18:49
 Analyst: TS

Parameter	ppbV			ug/m3			Qualifier	Dilution Factor
	Results	RL	MDL	Results	RL	MDL		
Volatile Organics in Air by SIM - Mansfield Lab								
Dichlorodifluoromethane	ND	0.200	--	ND	0.989	--		1
Chloromethane	ND	0.200	--	ND	0.413	--		1
Freon-114	ND	0.050	--	ND	0.349	--		1
Vinyl chloride	ND	0.020	--	ND	0.051	--		1
1,3-Butadiene	ND	0.020	--	ND	0.044	--		1
Bromomethane	ND	0.020	--	ND	0.078	--		1
Chloroethane	ND	0.100	--	ND	0.264	--		1
Acrolein	ND	0.050	--	ND	0.115	--		1
Acetone	ND	1.00	--	ND	2.38	--		1
Trichlorofluoromethane	ND	0.050	--	ND	0.281	--		1
Acrylonitrile	ND	0.500	--	ND	1.09	--		1
1,1-Dichloroethene	ND	0.020	--	ND	0.079	--		1
Methylene chloride	ND	0.500	--	ND	1.74	--		1
Freon-113	ND	0.050	--	ND	0.383	--		1
trans-1,2-Dichloroethene	ND	0.020	--	ND	0.079	--		1
1,1-Dichloroethane	ND	0.020	--	ND	0.081	--		1
Methyl tert butyl ether	ND	0.200	--	ND	0.721	--		1
2-Butanone	ND	0.500	--	ND	1.47	--		1
cis-1,2-Dichloroethene	ND	0.020	--	ND	0.079	--		1
Chloroform	ND	0.020	--	ND	0.098	--		1
1,2-Dichloroethane	ND	0.020	--	ND	0.081	--		1
1,1,1-Trichloroethane	ND	0.020	--	ND	0.109	--		1
Benzene	ND	0.100	--	ND	0.319	--		1
Carbon tetrachloride	ND	0.020	--	ND	0.126	--		1



Project Name: BATCH CANISTER CERTIFICATION
Project Number: CANISTER QC BAT

Lab Number: L2124072
Report Date: 06/02/21

Air Canister Certification Results

Lab ID: L2124072-04
 Client ID: CAN 1657 SHELF 53
 Sample Location:

Date Collected: 05/10/21 09:00
 Date Received: 05/10/21
 Field Prep: Not Specified

Sample Depth:

Parameter	ppbV			ug/m3			Qualifier	Dilution Factor
	Results	RL	MDL	Results	RL	MDL		
Volatile Organics in Air by SIM - Mansfield Lab								
1,2-Dichloropropane	ND	0.020	--	ND	0.092	--		1
Bromodichloromethane	ND	0.020	--	ND	0.134	--		1
1,4-Dioxane	ND	0.100	--	ND	0.360	--		1
Trichloroethene	ND	0.020	--	ND	0.107	--		1
cis-1,3-Dichloropropene	ND	0.020	--	ND	0.091	--		1
4-Methyl-2-pentanone	ND	0.500	--	ND	2.05	--		1
trans-1,3-Dichloropropene	ND	0.020	--	ND	0.091	--		1
1,1,2-Trichloroethane	ND	0.020	--	ND	0.109	--		1
Toluene	ND	0.050	--	ND	0.188	--		1
Dibromochloromethane	ND	0.020	--	ND	0.170	--		1
1,2-Dibromoethane	ND	0.020	--	ND	0.154	--		1
Tetrachloroethene	ND	0.020	--	ND	0.136	--		1
1,1,1,2-Tetrachloroethane	ND	0.020	--	ND	0.137	--		1
Chlorobenzene	ND	0.100	--	ND	0.461	--		1
Ethylbenzene	ND	0.020	--	ND	0.087	--		1
p/m-Xylene	ND	0.040	--	ND	0.174	--		1
Bromoform	ND	0.020	--	ND	0.207	--		1
Styrene	ND	0.020	--	ND	0.085	--		1
1,1,2,2-Tetrachloroethane	ND	0.020	--	ND	0.137	--		1
o-Xylene	ND	0.020	--	ND	0.087	--		1
Isopropylbenzene	ND	0.200	--	ND	0.983	--		1
4-Ethyltoluene	ND	0.020	--	ND	0.098	--		1
1,3,5-Trimethylbenzene	ND	0.020	--	ND	0.098	--		1
1,2,4-Trimethylbenzene	ND	0.020	--	ND	0.098	--		1
Benzyl chloride	ND	0.200	--	ND	1.04	--		1
1,3-Dichlorobenzene	ND	0.020	--	ND	0.120	--		1
1,4-Dichlorobenzene	ND	0.020	--	ND	0.120	--		1



Project Name: BATCH CANISTER CERTIFICATION
Project Number: CANISTER QC BAT

Lab Number: L2124072
Report Date: 06/02/21

Air Canister Certification Results

Lab ID: L2124072-04
 Client ID: CAN 1657 SHELF 53
 Sample Location:

Date Collected: 05/10/21 09:00
 Date Received: 05/10/21
 Field Prep: Not Specified

Sample Depth:

Parameter	ppbV			ug/m3			Qualifier	Dilution Factor
	Results	RL	MDL	Results	RL	MDL		
Volatile Organics in Air by SIM - Mansfield Lab								
sec-Butylbenzene	ND	0.200	--	ND	1.10	--		1
p-Isopropyltoluene	ND	0.200	--	ND	1.10	--		1
1,2-Dichlorobenzene	ND	0.020	--	ND	0.120	--		1
n-Butylbenzene	ND	0.200	--	ND	1.10	--		1
1,2,4-Trichlorobenzene	ND	0.050	--	ND	0.371	--		1
Naphthalene	ND	0.050	--	ND	0.262	--		1
1,2,3-Trichlorobenzene	ND	0.050	--	ND	0.371	--		1
Hexachlorobutadiene	ND	0.050	--	ND	0.533	--		1

Internal Standard	% Recovery	Qualifier	Acceptance Criteria
1,4-difluorobenzene	86		60-140
bromochloromethane	92		60-140
chlorobenzene-d5	86		60-140

Project Name: BATCH CANISTER CERTIFICATION
Project Number: CANISTER QC BAT

Lab Number: L2125520
Report Date: 06/02/21

Air Canister Certification Results

Lab ID: L2125520-02
 Client ID: CAN 3443 SHELF 3
 Sample Location:

Date Collected: 05/13/21 16:00
 Date Received: 05/14/21
 Field Prep: Not Specified

Sample Depth:
 Matrix: Air
 Analytical Method: 48,TO-15
 Analytical Date: 05/16/21 17:13
 Analyst: TS

Parameter	ppbV			ug/m3			Qualifier	Dilution Factor
	Results	RL	MDL	Results	RL	MDL		
Volatile Organics in Air - Mansfield Lab								
Chlorodifluoromethane	ND	0.200	--	ND	0.707	--		1
Propylene	ND	0.500	--	ND	0.861	--		1
Propane	ND	0.500	--	ND	0.902	--		1
Dichlorodifluoromethane	ND	0.200	--	ND	0.989	--		1
Chloromethane	ND	0.200	--	ND	0.413	--		1
Freon-114	ND	0.200	--	ND	1.40	--		1
Methanol	ND	5.00	--	ND	6.55	--		1
Vinyl chloride	ND	0.200	--	ND	0.511	--		1
1,3-Butadiene	ND	0.200	--	ND	0.442	--		1
Butane	ND	0.200	--	ND	0.475	--		1
Bromomethane	ND	0.200	--	ND	0.777	--		1
Chloroethane	ND	0.200	--	ND	0.528	--		1
Ethanol	ND	5.00	--	ND	9.42	--		1
Dichlorofluoromethane	ND	0.200	--	ND	0.842	--		1
Vinyl bromide	ND	0.200	--	ND	0.874	--		1
Acrolein	ND	0.500	--	ND	1.15	--		1
Acetone	ND	1.00	--	ND	2.38	--		1
Acetonitrile	ND	0.200	--	ND	0.336	--		1
Trichlorofluoromethane	ND	0.200	--	ND	1.12	--		1
Isopropanol	ND	0.500	--	ND	1.23	--		1
Acrylonitrile	ND	0.500	--	ND	1.09	--		1
Pentane	ND	0.200	--	ND	0.590	--		1
Ethyl ether	ND	0.200	--	ND	0.606	--		1
1,1-Dichloroethene	ND	0.200	--	ND	0.793	--		1



Project Name: BATCH CANISTER CERTIFICATION
Project Number: CANISTER QC BAT

Lab Number: L2125520
Report Date: 06/02/21

Air Canister Certification Results

Lab ID: L2125520-02
 Client ID: CAN 3443 SHELF 3
 Sample Location:

Date Collected: 05/13/21 16:00
 Date Received: 05/14/21
 Field Prep: Not Specified

Sample Depth:

Parameter	ppbV			ug/m3			Qualifier	Dilution Factor
	Results	RL	MDL	Results	RL	MDL		
Volatile Organics in Air - Mansfield Lab								
Tertiary butyl Alcohol	ND	0.500	--	ND	1.52	--		1
Methylene chloride	ND	0.500	--	ND	1.74	--		1
3-Chloropropene	ND	0.200	--	ND	0.626	--		1
Carbon disulfide	ND	0.200	--	ND	0.623	--		1
Freon-113	ND	0.200	--	ND	1.53	--		1
trans-1,2-Dichloroethene	ND	0.200	--	ND	0.793	--		1
1,1-Dichloroethane	ND	0.200	--	ND	0.809	--		1
Methyl tert butyl ether	ND	0.200	--	ND	0.721	--		1
Vinyl acetate	ND	1.00	--	ND	3.52	--		1
Xylenes, total	ND	0.600	--	ND	0.869	--		1
2-Butanone	ND	0.500	--	ND	1.47	--		1
cis-1,2-Dichloroethene	ND	0.200	--	ND	0.793	--		1
Ethyl Acetate	ND	0.500	--	ND	1.80	--		1
Chloroform	ND	0.200	--	ND	0.977	--		1
Tetrahydrofuran	ND	0.500	--	ND	1.47	--		1
2,2-Dichloropropane	ND	0.200	--	ND	0.924	--		1
1,2-Dichloroethane	ND	0.200	--	ND	0.809	--		1
n-Hexane	ND	0.200	--	ND	0.705	--		1
Diisopropyl ether	ND	0.200	--	ND	0.836	--		1
tert-Butyl Ethyl Ether	ND	0.200	--	ND	0.836	--		1
1,2-Dichloroethene (total)	ND	1.00	--	ND	1.00	--		1
1,1,1-Trichloroethane	ND	0.200	--	ND	1.09	--		1
1,1-Dichloropropene	ND	0.200	--	ND	0.908	--		1
Benzene	ND	0.200	--	ND	0.639	--		1
Carbon tetrachloride	ND	0.200	--	ND	1.26	--		1
Cyclohexane	ND	0.200	--	ND	0.688	--		1
tert-Amyl Methyl Ether	ND	0.200	--	ND	0.836	--		1



Project Name: BATCH CANISTER CERTIFICATION
Project Number: CANISTER QC BAT

Lab Number: L2125520
Report Date: 06/02/21

Air Canister Certification Results

Lab ID: L2125520-02
 Client ID: CAN 3443 SHELF 3
 Sample Location:

Date Collected: 05/13/21 16:00
 Date Received: 05/14/21
 Field Prep: Not Specified

Sample Depth:

Parameter	ppbV			ug/m3			Qualifier	Dilution Factor
	Results	RL	MDL	Results	RL	MDL		
Volatile Organics in Air - Mansfield Lab								
Dibromomethane	ND	0.200	--	ND	1.42	--		1
1,2-Dichloropropane	ND	0.200	--	ND	0.924	--		1
Bromodichloromethane	ND	0.200	--	ND	1.34	--		1
1,4-Dioxane	ND	0.200	--	ND	0.721	--		1
Trichloroethene	ND	0.200	--	ND	1.07	--		1
2,2,4-Trimethylpentane	ND	0.200	--	ND	0.934	--		1
Methyl Methacrylate	ND	0.500	--	ND	2.05	--		1
Heptane	ND	0.200	--	ND	0.820	--		1
cis-1,3-Dichloropropene	ND	0.200	--	ND	0.908	--		1
4-Methyl-2-pentanone	ND	0.500	--	ND	2.05	--		1
trans-1,3-Dichloropropene	ND	0.200	--	ND	0.908	--		1
1,1,2-Trichloroethane	ND	0.200	--	ND	1.09	--		1
Toluene	ND	0.200	--	ND	0.754	--		1
1,3-Dichloropropane	ND	0.200	--	ND	0.924	--		1
2-Hexanone	ND	0.200	--	ND	0.820	--		1
Dibromochloromethane	ND	0.200	--	ND	1.70	--		1
1,2-Dibromoethane	ND	0.200	--	ND	1.54	--		1
Butyl acetate	ND	0.500	--	ND	2.38	--		1
Octane	ND	0.200	--	ND	0.934	--		1
Tetrachloroethene	ND	0.200	--	ND	1.36	--		1
1,1,1,2-Tetrachloroethane	ND	0.200	--	ND	1.37	--		1
Chlorobenzene	ND	0.200	--	ND	0.921	--		1
Ethylbenzene	ND	0.200	--	ND	0.869	--		1
p/m-Xylene	ND	0.400	--	ND	1.74	--		1
Bromoform	ND	0.200	--	ND	2.07	--		1
Styrene	ND	0.200	--	ND	0.852	--		1
1,1,2,2-Tetrachloroethane	ND	0.200	--	ND	1.37	--		1



Project Name: BATCH CANISTER CERTIFICATION
Project Number: CANISTER QC BAT

Lab Number: L2125520
Report Date: 06/02/21

Air Canister Certification Results

Lab ID: L2125520-02
 Client ID: CAN 3443 SHELF 3
 Sample Location:

Date Collected: 05/13/21 16:00
 Date Received: 05/14/21
 Field Prep: Not Specified

Sample Depth:

Parameter	ppbV			ug/m3			Qualifier	Dilution Factor
	Results	RL	MDL	Results	RL	MDL		
Volatile Organics in Air - Mansfield Lab								
o-Xylene	ND	0.200	--	ND	0.869	--		1
1,2,3-Trichloropropane	ND	0.200	--	ND	1.21	--		1
Nonane	ND	0.200	--	ND	1.05	--		1
Isopropylbenzene	ND	0.200	--	ND	0.983	--		1
Bromobenzene	ND	0.200	--	ND	0.793	--		1
2-Chlorotoluene	ND	0.200	--	ND	1.04	--		1
n-Propylbenzene	ND	0.200	--	ND	0.983	--		1
4-Chlorotoluene	ND	0.200	--	ND	1.04	--		1
4-Ethyltoluene	ND	0.200	--	ND	0.983	--		1
1,3,5-Trimethylbenzene	ND	0.200	--	ND	0.983	--		1
tert-Butylbenzene	ND	0.200	--	ND	1.10	--		1
1,2,4-Trimethylbenzene	ND	0.200	--	ND	0.983	--		1
Decane	ND	0.200	--	ND	1.16	--		1
Benzyl chloride	ND	0.200	--	ND	1.04	--		1
1,3-Dichlorobenzene	ND	0.200	--	ND	1.20	--		1
1,4-Dichlorobenzene	ND	0.200	--	ND	1.20	--		1
sec-Butylbenzene	ND	0.200	--	ND	1.10	--		1
p-Isopropyltoluene	ND	0.200	--	ND	1.10	--		1
1,2-Dichlorobenzene	ND	0.200	--	ND	1.20	--		1
n-Butylbenzene	ND	0.200	--	ND	1.10	--		1
1,2-Dibromo-3-chloropropane	ND	0.200	--	ND	1.93	--		1
Undecane	ND	0.200	--	ND	1.28	--		1
Dodecane	ND	0.200	--	ND	1.39	--		1
1,2,4-Trichlorobenzene	ND	0.200	--	ND	1.48	--		1
Naphthalene	ND	0.200	--	ND	1.05	--		1
1,2,3-Trichlorobenzene	ND	0.200	--	ND	1.48	--		1
Hexachlorobutadiene	ND	0.200	--	ND	2.13	--		1



Project Name: BATCH CANISTER CERTIFICATION
Project Number: CANISTER QC BAT

Lab Number: L2125520
Report Date: 06/02/21

Air Canister Certification Results

Lab ID: L2125520-02
 Client ID: CAN 3443 SHELF 3
 Sample Location:

Date Collected: 05/13/21 16:00
 Date Received: 05/14/21
 Field Prep: Not Specified

Sample Depth:

Parameter	ppbV			ug/m3			Qualifier	Dilution Factor
	Results	RL	MDL	Results	RL	MDL		
Volatile Organics in Air - Mansfield Lab								

Results	Qualifier	Units	RDL	Dilution Factor
Tentatively Identified Compounds				

No Tentatively Identified Compounds

Internal Standard	% Recovery	Qualifier	Acceptance Criteria
1,4-Difluorobenzene	78		60-140
Bromochloromethane	80		60-140
chlorobenzene-d5	79		60-140



Project Name: BATCH CANISTER CERTIFICATION
Project Number: CANISTER QC BAT

Lab Number: L2125520
Report Date: 06/02/21

Air Canister Certification Results

Lab ID: L2125520-02
 Client ID: CAN 3443 SHELF 3
 Sample Location:

Date Collected: 05/13/21 16:00
 Date Received: 05/14/21
 Field Prep: Not Specified

Sample Depth:
 Matrix: Air
 Analytical Method: 48,TO-15-SIM
 Analytical Date: 05/16/21 17:13
 Analyst: TS

Parameter	ppbV			ug/m3			Qualifier	Dilution Factor
	Results	RL	MDL	Results	RL	MDL		
Volatile Organics in Air by SIM - Mansfield Lab								
Dichlorodifluoromethane	ND	0.200	--	ND	0.989	--		1
Chloromethane	ND	0.200	--	ND	0.413	--		1
Freon-114	ND	0.050	--	ND	0.349	--		1
Vinyl chloride	ND	0.020	--	ND	0.051	--		1
1,3-Butadiene	ND	0.020	--	ND	0.044	--		1
Bromomethane	ND	0.020	--	ND	0.078	--		1
Chloroethane	ND	0.100	--	ND	0.264	--		1
Acrolein	ND	0.050	--	ND	0.115	--		1
Acetone	ND	1.00	--	ND	2.38	--		1
Trichlorofluoromethane	ND	0.050	--	ND	0.281	--		1
Acrylonitrile	ND	0.500	--	ND	1.09	--		1
1,1-Dichloroethene	ND	0.020	--	ND	0.079	--		1
Methylene chloride	ND	0.500	--	ND	1.74	--		1
Freon-113	ND	0.050	--	ND	0.383	--		1
trans-1,2-Dichloroethene	ND	0.020	--	ND	0.079	--		1
1,1-Dichloroethane	ND	0.020	--	ND	0.081	--		1
Methyl tert butyl ether	ND	0.200	--	ND	0.721	--		1
2-Butanone	ND	0.500	--	ND	1.47	--		1
cis-1,2-Dichloroethene	ND	0.020	--	ND	0.079	--		1
Chloroform	ND	0.020	--	ND	0.098	--		1
1,2-Dichloroethane	ND	0.020	--	ND	0.081	--		1
1,1,1-Trichloroethane	ND	0.020	--	ND	0.109	--		1
Benzene	ND	0.100	--	ND	0.319	--		1
Carbon tetrachloride	ND	0.020	--	ND	0.126	--		1



Project Name: BATCH CANISTER CERTIFICATION
Project Number: CANISTER QC BAT

Lab Number: L2125520
Report Date: 06/02/21

Air Canister Certification Results

Lab ID: L2125520-02
 Client ID: CAN 3443 SHELF 3
 Sample Location:

Date Collected: 05/13/21 16:00
 Date Received: 05/14/21
 Field Prep: Not Specified

Sample Depth:

Parameter	ppbV			ug/m3			Qualifier	Dilution Factor
	Results	RL	MDL	Results	RL	MDL		
Volatile Organics in Air by SIM - Mansfield Lab								
1,2-Dichloropropane	ND	0.020	--	ND	0.092	--		1
Bromodichloromethane	ND	0.020	--	ND	0.134	--		1
1,4-Dioxane	ND	0.100	--	ND	0.360	--		1
Trichloroethene	ND	0.020	--	ND	0.107	--		1
cis-1,3-Dichloropropene	ND	0.020	--	ND	0.091	--		1
4-Methyl-2-pentanone	ND	0.500	--	ND	2.05	--		1
trans-1,3-Dichloropropene	ND	0.020	--	ND	0.091	--		1
1,1,2-Trichloroethane	ND	0.020	--	ND	0.109	--		1
Toluene	ND	0.050	--	ND	0.188	--		1
Dibromochloromethane	ND	0.020	--	ND	0.170	--		1
1,2-Dibromoethane	ND	0.020	--	ND	0.154	--		1
Tetrachloroethene	ND	0.020	--	ND	0.136	--		1
1,1,1,2-Tetrachloroethane	ND	0.020	--	ND	0.137	--		1
Chlorobenzene	ND	0.100	--	ND	0.461	--		1
Ethylbenzene	ND	0.020	--	ND	0.087	--		1
p/m-Xylene	ND	0.040	--	ND	0.174	--		1
Bromoform	ND	0.020	--	ND	0.207	--		1
Styrene	ND	0.020	--	ND	0.085	--		1
1,1,2,2-Tetrachloroethane	ND	0.020	--	ND	0.137	--		1
o-Xylene	ND	0.020	--	ND	0.087	--		1
Isopropylbenzene	ND	0.200	--	ND	0.983	--		1
4-Ethyltoluene	ND	0.020	--	ND	0.098	--		1
1,3,5-Trimethylbenzene	ND	0.020	--	ND	0.098	--		1
1,2,4-Trimethylbenzene	ND	0.020	--	ND	0.098	--		1
Benzyl chloride	ND	0.200	--	ND	1.04	--		1
1,3-Dichlorobenzene	ND	0.020	--	ND	0.120	--		1
1,4-Dichlorobenzene	ND	0.020	--	ND	0.120	--		1

Project Name: BATCH CANISTER CERTIFICATION
Project Number: CANISTER QC BAT

Lab Number: L2125520
Report Date: 06/02/21

Air Canister Certification Results

Lab ID: L2125520-02
 Client ID: CAN 3443 SHELF 3
 Sample Location:

Date Collected: 05/13/21 16:00
 Date Received: 05/14/21
 Field Prep: Not Specified

Sample Depth:

Parameter	ppbV			ug/m3			Qualifier	Dilution Factor
	Results	RL	MDL	Results	RL	MDL		
Volatile Organics in Air by SIM - Mansfield Lab								
sec-Butylbenzene	ND	0.200	--	ND	1.10	--		1
p-Isopropyltoluene	ND	0.200	--	ND	1.10	--		1
1,2-Dichlorobenzene	ND	0.020	--	ND	0.120	--		1
n-Butylbenzene	ND	0.200	--	ND	1.10	--		1
1,2,4-Trichlorobenzene	ND	0.050	--	ND	0.371	--		1
Naphthalene	ND	0.050	--	ND	0.262	--		1
1,2,3-Trichlorobenzene	ND	0.050	--	ND	0.371	--		1
Hexachlorobutadiene	ND	0.050	--	ND	0.533	--		1

Internal Standard	% Recovery	Qualifier	Acceptance Criteria
1,4-difluorobenzene	78		60-140
bromochloromethane	80		60-140
chlorobenzene-d5	79		60-140

Project Name: 38 MAIN ST.**Lab Number:** L2127790**Project Number:** 11846**Report Date:** 06/02/21**Sample Receipt and Container Information**

Were project specific reporting limits specified?

YES

Cooler Information

Cooler	Custody Seal
NA	Present/Intact

Container Information

Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
L2127790-01A	Canister - 6 Liter	NA	NA			Y	Present/Intact		TO15-LL(30)
L2127790-02A	Canister - 2.7 Liter	NA	NA			Y	Present/Intact		TO15-LL(30)
L2127790-03A	Canister - 2.7 Liter	NA	NA			Y	Present/Intact		TO15-LL(30)
L2127790-04A	Canister - 2.7 Liter	NA	NA			Y	Present/Intact		TO15-LL(30)
L2127790-05A	Canister - 2.7 Liter	NA	NA			Y	Present/Intact		TO15-LL(30)

Project Name: 38 MAIN ST.
Project Number: 11846

Lab Number: L2127790
Report Date: 06/02/21

GLOSSARY

Acronyms

DL	- Detection Limit: This value represents the level to which target analyte concentrations are reported as estimated values, when those target analyte concentrations are quantified below the limit of quantitation (LOQ). The DL includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.)
EDL	- Estimated Detection Limit: This value represents the level to which target analyte concentrations are reported as estimated values, when those target analyte concentrations are quantified below the reporting limit (RL). The EDL includes any adjustments from dilutions, concentrations or moisture content, where applicable. The use of EDLs is specific to the analysis of PAHs using Solid-Phase Microextraction (SPME).
EMPC	- Estimated Maximum Possible Concentration: The concentration that results from the signal present at the retention time of an analyte when the ions meet all of the identification criteria except the ion abundance ratio criteria. An EMPC is a worst-case estimate of the concentration.
EPA	- Environmental Protection Agency.
LCS	- Laboratory Control Sample: A sample matrix, free from the analytes of interest, spiked with verified known amounts of analytes or a material containing known and verified amounts of analytes.
LCSD	- Laboratory Control Sample Duplicate: Refer to LCS.
LFB	- Laboratory Fortified Blank: A sample matrix, free from the analytes of interest, spiked with verified known amounts of analytes or a material containing known and verified amounts of analytes.
LOD	- Limit of Detection: This value represents the level to which a target analyte can reliably be detected for a specific analyte in a specific matrix by a specific method. The LOD includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.)
LOQ	- Limit of Quantitation: The value at which an instrument can accurately measure an analyte at a specific concentration. The LOQ includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.) Limit of Quantitation: The value at which an instrument can accurately measure an analyte at a specific concentration. The LOQ includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.)
MDL	- Method Detection Limit: This value represents the level to which target analyte concentrations are reported as estimated values, when those target analyte concentrations are quantified below the reporting limit (RL). The MDL includes any adjustments from dilutions, concentrations or moisture content, where applicable.
MS	- Matrix Spike Sample: A sample prepared by adding a known mass of target analyte to a specified amount of matrix sample for which an independent estimate of target analyte concentration is available. For Method 332.0, the spike recovery is calculated using the native concentration, including estimated values.
MSD	- Matrix Spike Sample Duplicate: Refer to MS.
NA	- Not Applicable.
NC	- Not Calculated: Term is utilized when one or more of the results utilized in the calculation are non-detect at the parameter's reporting unit.
NDPA/DPA	- N-Nitrosodiphenylamine/Diphenylamine.
NI	- Not Ignitable.
NP	- Non-Plastic: Term is utilized for the analysis of Atterberg Limits in soil.
NR	- No Results: Term is utilized when 'No Target Compounds Requested' is reported for the analysis of Volatile or Semivolatile Organic TIC only requests.
RL	- Reporting Limit: The value at which an instrument can accurately measure an analyte at a specific concentration. The RL includes any adjustments from dilutions, concentrations or moisture content, where applicable.
RPD	- Relative Percent Difference: The results from matrix and/or matrix spike duplicates are primarily designed to assess the precision of analytical results in a given matrix and are expressed as relative percent difference (RPD). Values which are less than five times the reporting limit for any individual parameter are evaluated by utilizing the absolute difference between the values; although the RPD value will be provided in the report.
SRM	- Standard Reference Material: A reference sample of a known or certified value that is of the same or similar matrix as the associated field samples.
STLP	- Semi-dynamic Tank Leaching Procedure per EPA Method 1315.
TEF	- Toxic Equivalency Factors: The values assigned to each dioxin and furan to evaluate their toxicity relative to 2,3,7,8-TCDD.
TEQ	- Toxic Equivalent: The measure of a sample's toxicity derived by multiplying each dioxin and furan by its corresponding TEF and then summing the resulting values.
TIC	- Tentatively Identified Compound: A compound that has been identified to be present and is not part of the target compound list (TCL) for the method and/or program. All TICs are qualitatively identified and reported as estimated concentrations.

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Footnotes

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

Terms

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

Difference: With respect to Total Oxidizable Precursor (TOP) Assay analysis, the difference is defined as the Post-Treatment value minus the Pre-Treatment value.

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

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

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

PAH Total: With respect to Alkylated PAH analyses, the 'PAHs, Total' result is defined as the summation of results for all or a subset of the following compounds: Naphthalene, C1-C4 Naphthalenes, 2-Methylnaphthalene, 1-Methylnaphthalene, Biphenyl, Acenaphthylene, Acenaphthene, Fluorene, C1-C3 Fluorenes, Phenanthrene, C1-C4 Phenanthrenes/Anthracenes, Anthracene, Fluoranthene, Pyrene, C1-C4 Fluoranthenes/Pyrenes, Benz(a)anthracene, Chrysene, C1-C4 Chrysenes, Benzo(b)fluoranthene, Benzo(j)+(k)fluoranthene, Benzo(e)pyrene, Benzo(a)pyrene, Perylene, Indeno(1,2,3-cd)pyrene, Dibenz(ah)+(ac)anthracene, Benzo(g,h,i)perylene. If a 'Total' result is requested, the results of its individual components will also be reported.

PFAS Total: With respect to PFAS analyses, the 'PFAS, Total (5)' result is defined as the summation of results for: PFHpA, PFHxS, PFOA, PFNA and PFOS. In addition, the 'PFAS, Total (6)' result is defined as the summation of results at or above the RL for: PFHpA, PFHxS, PFOA, PFNA, PFDA and PFOS. (Note: 'PFAS, Total (6)' is applicable to MassDEP DW compliance analysis only.). If a 'Total' result is requested, the results of its individual components will also be reported.

The target compound Chlordane (CAS No. 57-74-9) is reported for GC ECD analyses. Per EPA, this compound "refers to a mixture of chlordane isomers, other chlorinated hydrocarbons and numerous other components." (Reference: USEPA Toxicological Review of Chlordane, In Support of Summary Information on the Integrated Risk Information System (IRIS), December 1997.)

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

Data Qualifiers

- A** - Spectra identified as "Aldol Condensates" are byproducts of the extraction/concentration procedures when acetone is introduced in the process.
- B** - The analyte was detected above the reporting limit in the associated method blank. Flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank. For MCP-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank. For DOD-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank AND the analyte was detected above one-half the reporting limit (or above the reporting limit for common lab contaminants) in the associated method blank. For NJ-Air-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte above the reporting limit. For NJ-related projects (excluding Air), flag only applies to associated field samples that have detectable concentrations of the analyte, which was detected above the reporting limit in the associated method blank or above five times the reporting limit for common lab contaminants (Phthalates, Acetone, Methylene Chloride, 2-Butanone).
- C** - Co-elution: The target analyte co-elutes with a known lab standard (i.e. surrogate, internal standards, etc.) for co-extracted analyses.
- D** - Concentration of analyte was quantified from diluted analysis. Flag only applies to field samples that have detectable concentrations of the analyte.
- E** - Concentration of analyte exceeds the range of the calibration curve and/or linear range of the instrument.
- F** - The ratio of quantifier ion response to qualifier ion response falls outside of the laboratory criteria. Results are considered to be an estimated maximum concentration.
- G** - The concentration may be biased high due to matrix interferences (i.e. co-elution) with non-target compound(s). The result should be considered estimated.
- H** - The analysis of pH was performed beyond the regulatory-required holding time of 15 minutes from the time of sample collection.
- I** - The lower value for the two columns has been reported due to obvious interference.
- J** - Estimated value. This represents an estimated concentration for Tentatively Identified Compounds (TICs).
- M** - Reporting Limit (RL) exceeds the MCP CAM Reporting Limit for this analyte.
- ND** - Not detected at the reporting limit (RL) for the sample.
- NJ** - Presumptive evidence of compound. This represents an estimated concentration for Tentatively Identified Compounds (TICs), where

Report Format: Data Usability Report



Project Name: 38 MAIN ST.**Lab Number:** L2127790**Project Number:** 11846**Report Date:** 06/02/21**Data Qualifiers**

the identification is based on a mass spectral library search.

- P** - The RPD between the results for the two columns exceeds the method-specified criteria.
- Q** - The quality control sample exceeds the associated acceptance criteria. For DOD-related projects, LCS and/or Continuing Calibration Standard exceedences are also qualified on all associated sample results. Note: This flag is not applicable for matrix spike recoveries when the sample concentration is greater than 4x the spike added or for batch duplicate RPD when the sample concentrations are less than 5x the RL. (Metals only.)
- R** - Analytical results are from sample re-analysis.
- RE** - Analytical results are from sample re-extraction.
- S** - Analytical results are from modified screening analysis.

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Project Number: 11846

Lab Number: L2127790
Report Date: 06/02/21

REFERENCES

- 48 Compendium of Methods for the Determination of Toxic Organic Compounds in Ambient Air. Second Edition. EPA/625/R-96/010b, January 1999.

LIMITATION OF LIABILITIES

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

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



Certification Information

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

Westborough Facility

EPA 624/624.1: m/p-xylene, o-xylene, Naphthalene

EPA 625/625.1: alpha-Terpineol

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

EPA 8270D/8270E: NPW: Dimethylnaphthalene, 1,4-Diphenylhydrazine, alpha-Terpineol; SCM: Dimethylnaphthalene, 1,4-Diphenylhydrazine.

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

Mansfield Facility

SM 2540D: TSS

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

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

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

Biological Tissue Matrix: EPA 3050B

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

Westborough Facility:

Drinking Water

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

EPA 180.1, SM2130B, SM4500CI-D, SM2320B, SM2540C, SM4500H-B, SM4500NO2-B

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

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

Non-Potable Water

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

Ammonia-N, **LCHAT 10-107-06-1-B:** Ammonia-N, **EPA 351.1, SM4500NO3-F, EPA 353.2:** Nitrate-N, **SM4500P-E, SM4500P-B, E, SM4500SO4-E,**

SM5220D, EPA 410.4, SM5210B, SM5310C, SM4500CL-D, EPA 1664, EPA 420.1, SM4500-CN-CE, SM2540D, EPA 300: Chloride, Sulfate, Nitrate.

EPA 624.1: Volatile Halocarbons & Aromatics,

EPA 608.3: Chlordane, Toxaphene, Aldrin, alpha-BHC, beta-BHC, gamma-BHC, delta-BHC, Dieldrin, DDD, DDE, DDT, Endosulfan I, Endosulfan II,

Endosulfan sulfate, Endrin, Endrin Aldehyde, Heptachlor, Heptachlor Epoxide, PCBs

EPA 625.1: SVOC (Acid/Base/Neutral Extractables), **EPA 600/4-81-045:** PCB-Oil.

Microbiology: **SM9223B-Colilert-QT; Enterolert-QT, SM9221E, EPA 1600, EPA 1603, SM9222D.**

Mansfield Facility:

Drinking Water

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

EPA 522, EPA 537.1.

Non-Potable Water

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

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

EPA 245.1 Hg.

SM2340B

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

AIR ANALYSIS

PAGE 1 OF 1



CHAIN OF CUSTODY

320 Forbes Blvd, Mansfield, MA 02048
 TEL: 508-822-9300 FAX: 508-822-3288

Client Information

Client: SES/ Consulting Engineers
 Address: 12A Maple Ave
Pine Brook, NJ
 Phone: 973 707 9050
 Fax:
 Email: ssg@sesl.org

Project Information

Project Name: 3T Main St
 Project Location: Yonkers, NY
 Project #: 11846
 Project Manager: Steve Gustoni
 ALPHA Quote #:

Turn-Around Time

Standard RUSH (only confirmed if pre-approved!)

Date Due: _____ Time: _____

Date Rec'd in Lab: 5/26/21

ALPHA Job #: L2127790

Report Information - Data Deliverables

FAX
 ADEx
 Criteria Checker: _____
 (Default based on Regulatory Criteria Indicated)
 Other Formats: _____
 EMAIL (standard pdf report)
 Additional Deliverables:
 Report to: (if different than Project Manager)

Billing Information

Same as Client info PO #:

Regulatory Requirements/Report Limits

State/Fed Program Res / Comm

These samples have been previously analyzed by Alpha

Other Project Specific Requirements/Comments:

Project-Specific Target Compound List:

All Columns Below Must Be Filled Out

ALPHA Lab ID (Lab Use Only)	Sample ID	COLLECTION					Sample Matrix*	Sampler's Initials	Can Size	ID Can	ID - Flow Controller	TO-15 TO-15 SIM APH Fixed Gases Sulfides & Mercaptans by TO-15	Sample Comments (i.e. PID)
		End Date	Start Time	End Time	Initial Vacuum	Final Vacuum							
<u>27790-01</u>	<u>AMB-1</u>	<u>5/25/21</u>	<u>900</u>	<u>1100</u>	<u>-30.32</u>	<u>-3.19</u>	<u>AA</u>	<u>MZ</u>	<u>6</u>	<u>3352</u>	<u>078</u>	<u>X</u>	
<u>02</u>	<u>SUP-2</u>	<u>5/25/21</u>	<u>1235</u>	<u>1240</u>	<u>-30.36</u>	<u>-9.31</u>	<u>SV</u>	<u>MZ</u>	<u>2.7</u>	<u>2941</u>	<u>0042</u>	<u>X</u>	
<u>03</u>	<u>SUP-3</u>	<u>5/25/21</u>	<u>1250</u>	<u>1305</u>	<u>-31.30</u>	<u>-6.59</u>	<u>SV</u>	<u>MZ</u>	<u>2.7</u>	<u>2941</u>	<u>01639</u>	<u>X</u>	
<u>04</u>	<u>SUP-4</u>	<u>5/25/21</u>	<u>1315</u>	<u>1320</u>	<u>-30.22</u>	<u>-4.81</u>	<u>SV</u>	<u>MZ</u>	<u>2.7</u>	<u>2373</u>	<u>0850</u>	<u>X</u>	
<u>05</u>	<u>SUP-5</u>	<u>5/25/21</u>	<u>1340</u>	<u>1355</u>	<u>-30.60</u>	<u>-3.66</u>	<u>SV</u>	<u>MZ</u>	<u>2.7</u>	<u>3016</u>	<u>0908</u>	<u>X</u>	

***SAMPLE MATRIX CODES**

AA = Ambient Air (Indoor/Outdoor)
 SV = Soil Vapor/Landfill Gas/SVE
 Other = Please Specify

Container Type

Please print clearly, legibly and completely. Samples can not be logged in and turnaround time clock will not start until any ambiguities are resolved. All samples submitted are subject to Alpha's Terms and Conditions. See reverse side.

Relinquished By:

Date/Time

Received By:

Date/Time:

[Signature] 5/25/21 18:00 [Signature] 5/25/21 16:58
7/1/26 09:00 [Signature] 5/26/21 03:00