TENEN ENVIRONMENTAL

121 West 27th Street, Suite 702
New York, NY 10001
(646) 606-2332

May 28, 2020

Ralford Realty Corp.
c/o Anthony Scovotti
330 Fifth Avenue
Pelham, NY 10803

Re: Due Diligence Investigation
2921 Westchester Avenue – Bronx, NY 10461
Block 4164, A portion of Lot 5 (the "Site")

Dear Mr. Scovotti,

Between September 27 and November 12, 2019, Tenen Environmental, LLC (Tenen) conducted soil, groundwater and indoor air sampling at the above Site on behalf of Ralford Realty Corp. This investigation was conducted in order to confirm and expand upon findings from a Limited Phase II Investigation conducted by Castleton Environmental (Castleton) in August 2019. This letter report provides a summary of our findings, including the results of the laboratory analysis, conclusions and recommendations.

Background
The Site, located at 2921 Westchester Avenue, Bronx, New York (Tax Block 4164, portion of Lot 5) is located within an irregularly shaped parcel located at the northeast corner of Westchester Avenue and Pilgrim Avenue and extending to Buhre Avenue, as shown on Figure 1. The Site is defined as the portion of Lot 5 that was previously occupied by a dry-cleaning facility and is approximately 525 square feet (SF). Lot 5 has approximately 136 feet of frontage along Westchester Avenue, 263 feet of frontage along Pilgrim Avenue and 63 feet of frontage along Buhre Avenue. Lot 5 is zoned R7-1, denoting a medium-density apartment house district, with a C2-2 commercial overlay. Lot 5 is currently occupied with a two-story commercial building with a partial basement. The building contains multiple commercial tenant spaces currently occupied by a barber, a cell phone store and a flooring store. The Site is currently occupied by a tutoring program.

Previous Investigations
A Limited Phase II Environmental Site Assessment (ESA) was conducted by Castleton in August 2019 and consisted of soil, groundwater and soil vapor sampling within the basement of the Site. Available documents and data from the Castleton ESA are included as Attachment 1. Below is a summary of the findings:

Soil:

- The chlorinated volatile organic compounds (cVOCs) tetrachloroethene (PCE), trichloroethene (TCE) and cis-1,2-dichloroethene (cis-1,2-DCE) were detected in one of three soil samples analyzed at concentrations exceeding New York State Department of Environmental Conservation (NYSDEC) Part 375 Unrestricted Use (UU) Soil Cleanup Objectives (SCOs). PCE, TCE and cis-1,2-DCE were also detected in the other two soil samples analyzed, but at concentrations below UUSCOs. Tenen notes that the concentration of PCE [21.0 mg/kg] is also above the Protection of Groundwater SCO.

Groundwater:

- Concentrations of three cVOCs, specifically PCE, TCE and cis-1,2-DCE, were detected in exceedance of NYSDEC Division of Water Technical and Operational Guidance Series (TOGS) 1.1.1 Class GA Water

Quality Standards and Guidance Values (Class GA Standards) in all three groundwater samples analyzed. Groundwater samples were collected from three temporary wells.

Soil Vapor:

- Elevated concentrations of multiple cVOCs, specifically PCE, TCE and cis-1,2-DCE, were detected in two of three soil vapor samples collected.

Subsequent to the sampling detailed above, Castleton recommended indoor air sampling be performed at the Site to determine if a soil vapor intrusion condition exists, as well as additional groundwater sampling to better define the extent of impacts identified in their Limited Phase II ESA.

Tenen's Due Diligence Investigation

Soil, groundwater, and indoor air sampling was completed by Tenen to further investigate the presence of chlorinated solvents in soil and groundwater at the Site and to determine if a potential soil vapor intrusion condition exists. Tenen's initial investigation was conducted between September and November 2019. On February 27, 2020, Tenen returned to the Site to delineate the extent of PCE contamination identified in soil boring SB-05 in Castleton's Phase II ESA. Sampling locations are depicted on Figure 2.

Geology and Hydrogeology

The Site is underlain by dense, fine sands extending to bedrock [approximately 19 feet below sidewalk grade (ft-bsg)]. The overburden consists of brown to gray silty sand with gravel. Bedrock consists of schist and perched water is present above the bedrock at approximately 9 to 10 ft-bsg. A well survey was performed on November 20, 2019 and groundwater was determined to flow to the south-southwest. Boring and monitoring well construction logs are presented in Attachment 2. A groundwater contour map is included as Figure 3.

Sample Collection

Indoor Air

On September 27, 2019, Tenen collected five indoor air samples (IA-1 through IA-5) and one ambient air sample (AA-1). One indoor air sample was collected from each tenant space located within Lot 5.

Indoor Air Sample Designations – September 2019

Sample Name	Sample Type	Sample Location
IA-1	Indoor Air	First floor of barbershop
IA-2	Indoor Air	First floor of flooring shop
IA-3	Indoor Air	First floor of tutor (Site)
IA-4	Indoor Air	Basement of tutor (Site)
IA-5	Indoor Air	First floor of cell phone shop
AA-1	Ambient Air	Northeast corner of the intersection of Westchester Avenue and Pilgrim Avenue

Indoor air and ambient air samples were collected within the breathing zone (approximately three to five feet above the floor) in accordance with the New York State Department of Health (NYSDOH) October 2006 Final Guidance for Evaluating Soil Vapor Intrusion in the State of New York (Soil Vapor Guidance) protocols. Samples were collected in six-liter, batch-certified clean Summa canisters using eight-hour regulators, consistent with the non-residential use of the Site. Samples were collected at flow rates no greater than 0.2 liters per minute and analyzed for VOCs using EPA Method TO-15.

Field notes were maintained summarizing sample identification, date and time of sample collection, identity of samplers, sampling methods and devices, vacuum of canisters before and after samples were collected and chain of custody protocols. Indoor air logs are included as Attachment 2. See Figure 2 for sample locations.

Soil

On September 27, 2019, three soil borings (MW-1, MW-1-N, and MW-2) were advanced with sidewalks surrounding the Site to depths of approximately 19 ft-bsg and one soil sample was collected (MW-1 [16-18]). Soil borings MW-1 and MW-2 were converted to permanent groundwater monitoring wells of the same designation. Soil boring MW-1 N was a redrill to confirm the refusal/bedrock depth encountered in MW-1. On November 4, 2019, one soil boring (MW-3) was advanced within the basement of the former dry cleaner tenant space to bedrock (approximately 4.5 feet below basement grade [ft-bbg]) and was converted to a permanent groundwater monitoring well of the same designation. On February 27, 2020, seven delineation soil borings (SB-5, SB-5-N, SB-5-S, SB-5-W, SB-5-W2, SB-5-E, and SB-5-E2) were advanced within the Site basement to bedrock (approximately 2.5 to 4 ft-bbg). Boring locations are depicted on Figure 2. A table detailing the soil sampling locations and sample designations is included below.

Soil Sample Designation and Descriptions of Location

Sample Name	Depth Below Sidewalk Grade (ft-bg)	Location
MW-1 (16-18)	16-18	Eastern sidewalk of Pilgrim Avenue, adjacent to the Site
SB-5 (0-1)	0-1	Site basement in close proximity to Phase II ESA boring SB-05
SB-5 (1-2)	1-2	
SB-5 (2-3)	2-3	
SB-5 (3-4)	3-4	
SB-5-N (0-1)	0-1	Site basement, north of Phase II ESA boring SB-05
SB-5-N (1-2)	1-2	
SB-5-N (2-3)	2-3	
SB-5-E (0-1)	0-1	Site basement, east of Phase II ESA boring SB-05
SB-5-S (0-1)	0-1	Site basement, south of Phase II ESA boring SB-05
SB-5-S (1-2)	1-2	
SB-5-S (2-3)	2-3	
SB-5-W (0-1)	0-1	Site basement, west of Phase II ESA boring SB-05
SB-5-W (1-2)	1-2	
SB-5-W (2-3)	2-3	
SB-5-W2 (0-1)	0-1	Site basement west of delineation boring SB-5-W
SB-5-W2 (1-2)	1-2	

The boring and monitoring well installation was performed by AARCO Environmental Services (AARCO) utilizing a direct push track-mounted Geoprobe® outfitted with hollow-stem augers for all exterior borings, a hand auger for MW-3, and a manual sampling hammer for all other interior borings. The soil from all borings was screened with a photoionization detector (PID), capable of detecting the potential presence of volatile organic compounds (VOCs), from grade to termination depth. PID readings ranged from 0.1 ppm in SB-5 to 7.3 ppm in SB-5-W2. PID readings in soils from MW-1, MW-1-N, MW-2, MW-3, and SB-5-W were non-detect.

One soil sample was collected from the groundwater interface of the presumed downgradient boring location (MW-1). For all delineation soil borings, soil samples were collected from each one-foot vertical interval of soil below the basement slab to the top of bedrock at each boring location. Samples were collected from the location of highest suspected contamination in each one-foot vertical interval and collected using Encore sampling kits.

All samples were collected using disposable equipment and in such a manner as to minimize headspace/vapor leakage within the sampling bottles. All samples were collected using dedicated acetate liners from five-foot macrocores.

No grossly contaminated soil cuttings were encountered during this investigation. Following the completion of the soil sampling, boreholes were backfilled with clean soil cuttings/clean sand. Excess soil cuttings were drummed onsite in three 55-gallon drums provided by AARCO. Borings MW-1, MW-2, and MW-3 were converted to permanent monitoring wells, as detailed in the following section. Boring and monitoring well construction logs are included as Attachment 3.

The soil samples were containerized in accordance with EPA analytical protocols. Each sample was labeled, sealed, and placed in a chilled cooler for shipment to the laboratory. A record of each sample, including notation of any odors, color, and sample matrix, was kept in the sampler's field logbook. A chain of custody was maintained throughout the field sampling, transport of samples to the laboratory and lab analysis. All soil samples were analyzed for VOCs; soil sample MW-1 (16-18) was also analyzed for Resource Conservation and Recovery Act (RCRA) 8 Metals.

Soil cuttings were disposed of at Dale Transfer of West Babylon, NY by AARCO on October 1, 2019. Soil disposal manifests are included as Attachment 4.

Groundwater

Two, two-inch diameter, permanent groundwater monitoring wells, MW-1 and MW-2, were installed concurrent with soil borings of the same designation on September 27, 2019 using a direct push track-mounted Geoprobe® outfitted with hollow stem augers. Both monitoring wells were installed to a depth of 19 ft-bsg and seated directly above bedrock. One two-inch diameter, permanent, pre-packed groundwater monitoring well, MW-3, was installed concurrent with a soil boring of the same designation on November 4, 2019 using a hand auger within the basement of the former dry cleaner. The monitoring well was installed to a depth of 4.5 ft-bbg and was seated directly above bedrock. Groundwater was measured at depths ranging from approximately 0.042 ft-bbg in MW-3 (basement) to 9.91 ft-bsg in MW-1 (sidewalk).

Monitoring Well Locations, Sample Designations, and Descriptions of Location

Well Location	Sample Name	Description of Location
MW-1	MW-1	Eastern sidewalk of Pilgrim Avenue, adjacent to the Site
MW-2	MW-2	Northeast corner of the intersection of Westchester Avenue and Pilgrim Avenue, adjacent to the southwest corner of Lot 5
MW-3	MW-3	Eastern portion of Site basement

Monitoring wells MW-1 and MW-2 were developed and sampled on October 4, 2019 and monitoring well MW-3 was developed and sampled on November 12, 2019. A PID was used to measure head-space readings in the wells prior to sampling. Readings ranged from 5.6 parts per million (ppm) in MW-2 to 9.9 ppm in MW-1. Field instrumentation was employed to measure water temperature, pH, turbidity, and dissolved oxygen in the sampled wells in order to stabilize parameters before sample collection. Sampling was completed using low-flow methodology using a peristaltic pump. No visual evidence of petroleum impacts was observed in purged groundwater.

Monitoring well construction logs are included as Attachment 2. Groundwater purge logs and the well survey are included as Attachment 5. A groundwater contour map is shown on Figure 3.

Permanent groundwater monitoring well MW-3 was originally proposed to be installed within the western sidewalk of Westchester Avenue, adjacent to Site; however, during installation on September 27, 2019, refusal was encountered at two locations at depths ranging from 3 to 6 ft-bg. Additionally, there are multiple gas and power lines located beneath the sidewalk along Westchester Ave and multiple overhead obstructions. The lack of access coupled with the refusals encountered resulted in the abandonment of MW-3 within the sidewalk. On November 4, 2019, MW-3 was installed in the basement of the Site proximal to Westchester Avenue (along the interior eastern Site boundary).

Sample Analysis

All samples were sent under chain-of-custody documentation to Alpha Analytical, Inc. (Alpha). Alpha is certified by the NYSDOH Environmental Laboratory Approval Program (ELAP) as LABIDs 11627 and 11148. Indoor air, ambient air, groundwater, and soil samples were analyzed for VOCs. Soil sample MW-1 (16-18) was also analyzed for RCRA 8 Metals.

Analytical Results

Indoor Air

Indoor air results were compared to the NYSDOH Air Guidance Values (AGVs) as presented in the NYSDOH Soil Vapor Guidance, October 2006 with May 2017 updates and the Environmental Protection Agency (EPA) Vapor Intrusion Screening Limits (VISL), Commercial Target Indoor Air Concentrations (TIAC).

Indoor air results are included in Table 1 and Figure 4. Laboratory deliverables are included in Attachment 6. The analytical results are summarized below.

Concentrations of cVOCs were not detected in any sample in exceedance of the NYSDOH AGVs. Chloroform was detected in exceedance of its EPA-VISL-TIAC of 0.53 micrograms per cubic meter (ug/m^3) in two indoor air samples (max. concentration 11.1 ug/m^3 in IA-4). Chloroform is a common laboratory contaminant. No other cVOCs were detected in exceedance of EPA-VISL-TIACs. PCE was detected at low concentrations in all five indoor air samples and the ambient air sample, with concentrations in indoor air ranging from 0.461 ug/m^3 in IA-1 to 10.2 ug/m^3 in IA-4. In addition, TCE was detected in two indoor air samples (max. concentration 0.822 ug/m^3 in IA-4), cis-1,2-DCE was detected in three indoor air samples (max. concentration 2.05 ug/m^3 in IA-4), vinyl chloride was detected in one indoor air sample (concentration of 0.054 ug/m^3 in IA-4), methylene chloride was detected in one indoor air sample (concentration of 8.69 ug/m^3 in IA-2), and carbon tetrachloride was detected in all five indoor air samples and the ambient air sample (max. concentration 0.352 ug/m^3 in IA-5). In general, the highest concentrations of cVOCs were detected in IA-4, collected from the Site basement.

Elevated concentrations of isopropanol and ethanol were detected in indoor air sample IA-1, collected from the first floor of the barbershop. Isopropanol was detected at a concentration of 2,160 ug/m^3 with an EPA-VISL-TIAC of 880 ug/m^3 and ethanol was detected at a concentration of 5,350 ug/m^3 (there is no EPA-VISL-TIAC standard for ethanol). Isopropanol and ethanol are commonly used in barbershops to clean and sterilize equipment.

Multiple petroleum-related VOCs, including benzene, toluene, ethylbenzene, o-xylene, p/m-xylene, n-hexane and 1,2,4-trimethylbenzene were detected in one or more indoor air samples at low concentrations, with the highest concentrations generally occurring in IA-2, collected from the first floor of the flooring store. Of these analytes, only benzene was detected in exceedance of its EPA-VISL-TIAC of 1.6 ug/m^3 in sample IA-2. Benzene was detected at a max. concentration of 2.36 ug/m^3; toluene was detected at a max. concentration of 14.1 ug/m^3; ethylbenzene was detected at a concentration of 3.37 ug/m^3; o-xylene was detected at a concentration of 3.09 ug/m^3; p/m-xylene was detected at a concentration of 12.2 ug/m^3; n-hexane was detected at a max. concentration of 5 ug/m^3; and 1,2,4-trimethylbenzene was detected at a concentration of 1.66 ug/m^3. All of the aforementioned maximum concentrations were detected in indoor air sample IA-2.

The VOC 1,3-butadiene was detected in one sample in exceedance of its EPA-VISL-TIAC. 1,3-Butadiene was detected at a concentration of 0.586 ug/m3 in IA-2 with an EPA-VISL-TIAC of 0.41 ug/m3.

Soil
Soil results were compared to NYSDEC Protection of Groundwater SCOs as listed in 6 NYCRR Part 375-6.8(a). Soil sample results for MW-1 (16-18) were also compared to the Commercial Use SCOs as listed in 6 NYCRR Part 375-6.8(b) and the October 21, 2010 NYSDEC DEC Policy CP-51. The Protection of Groundwater SCOs are used as a screening value for potential groundwater impacts and the Commercial Use SCOs are consistent with the current and assumed future use of the Site.

All VOCs and metals were detected below the Protection of Groundwater and Commercial Use SCOs in MW-1 (16-18).

PCE was detected in exceedance of its Protection of Groundwater SCO from 0-1 ft-bbg in soil delineation boring SB-5 (concentration 3.2 mg/kg), SB-5-N (concentration 34 mg/kg), SB-5-S (concentration 1.7 mg/kg), SB-5-W (concentration 20 mg/kg), and SB-5-W2 (concentration 8.1 mg/kg). PCE was detected at a low concentration below the Protection of Groundwater SCO from 0-1 ft-bbg in soil delineation boring SB-5-E. PCE was detected in exceedance of its Protection of Groundwater SCO from 1-2 ft-bbg in soil delineation borings SB-5-N (concentration 22 mg/kg) and SB-5-W (concentration 16 mg/kg). PCE was detected at low concentrations below the Protection of Groundwater SCO from 1-2 ft-bbg in soil delineation borings SB-5, SB-5-S, and SB-5-W2. PCE was detected in exceedance of its Protection of Groundwater SCO from 2-3 ft-bbg in soil delineation boring SB-5-W only (concentration 7 mg/kg). PCE was detected at low concentrations below the Protection of Groundwater SCO from 2-3 ft-bbg in soil delineation borings SB-5, SB-5-N, and SB-5-S. PCE was also detected at a low concentration below the Protection of Groundwater SCO from 3-4 ft-bbg in soil delineation boring SB-5.

Concentrations of cis-1,2 DCE and TCE were detected in exceedance of Protection of Groundwater SCO in five samples collected from three borings: SB-5(0-1); SB-5-N(0-1, 1-2 and 2-3); and SB-5-W(0-1)

Soil sample results for MW-1 (16-18) are included in Table 2. Soil sample results for all soil delineation samples are included in Table 3. Isopleth maps and cross-sections depicting PCE concentrations in soil delineation samples are shown on Figures 5 and 6, respectively. Laboratory deliverables are included in Attachment 6.

Groundwater
The groundwater results were compared to the NYSDEC TOGS Class GA Standards

All VOCs in MW-1 and MW-2 were detected below the Class GA Standards.

Three cVOCs were detected in exceedance of Class GA Standards in MW-3. PCE was detected at a concentration of 470 micrograms per liter (ug/l) with a Class GA Standard of 5 ug/l; TCE was detected at a concentration of 79 ug/l with a Class GA Standard of 5 ug/l; and, cis-1,2-DCE was detected at a concentration of 210 ug/l with a Class GA Standard of 5 ug/l. PCE was also detected in MW-1 below its Class GA Standard at a concentration of 1.2 ug/l and vinyl chloride was detected in MW-3 below its Class GA Standard of 2 ug/l at a concentration of 0.54 ug/l. Acetone was detected in MW-1 and MW-2 (max. concentration of 6 ug/l in MW-2) below its Class GA Standard of 50 ug/l. Acetone is a common laboratory artifact. No other VOCs were detected in any groundwater samples.

Groundwater sample results are included in Table 4 and Figure 7. Laboratory deliverables are included in Attachment 6.

Findings and Conclusions

The Due Diligence Investigation conducted by Tenen indicates the following:

Indoor Air:

- Based upon comparison of the detected concentrations of chlorinated solvents and petroleum-related hydrocarbons in indoor air to applicable standards and guidance, there is no meaningful soil vapor intrusion condition at the Site that would require immediate action.
- Comparison of the indoor air concentrations (specifically cVOCs) collected from the Site with soil vapor concentrations collected during Castleton's Phase II ESA indicate that a cVOC vapor intrusion condition does not exist onsite and that no mitigation is required.
- Indoor air results are consistent with the commercial use of the Site.

Soil:

- VOCs and metals were not detected in exceedance of Protection of Groundwater or Commercial Use SCOs in soils collected offsite.
- A PCE hotspot in soil was horizontally and vertically delineated to the extent possible within the Site basement. The hotspot comprises approximately seven cubic yards of chlorinated solvent impacted material. The vertical extent of contamination ranges from 1 ft-bbg along the eastern and southern perimeters of the hotspot, to 2 ft-bbg along the northern perimeter of the hotspot, to bedrock (approximately 3 ft-bbg) along the western perimeter of the hotspot.
- Access to the northern tenant's basement space is necessary to fully delineate the hotspot to the north. Additional delineation is also needed to the west.

Groundwater:

- Groundwater flow is to the south-southwest.
- Three cVOCs, PCE, TCE and cis-1,2-DCE, were detected in exceedance of their respective Class GA Standards in MW-3, collected from the Site basement.
- VOCs were not detected in exceedance of Class GA Standards in MW-1 or MW-2, located cross- and downgradient of the former dry cleaner, respectively.
- Groundwater results indicate that the soil source of cVOCs beneath the former dry cleaner is contributing to cVOC impacts in groundwater within the same approximate area.
- The offsite groundwater analytical and flow analyses indicates that cVOC impacted groundwater is not migrating offsite.

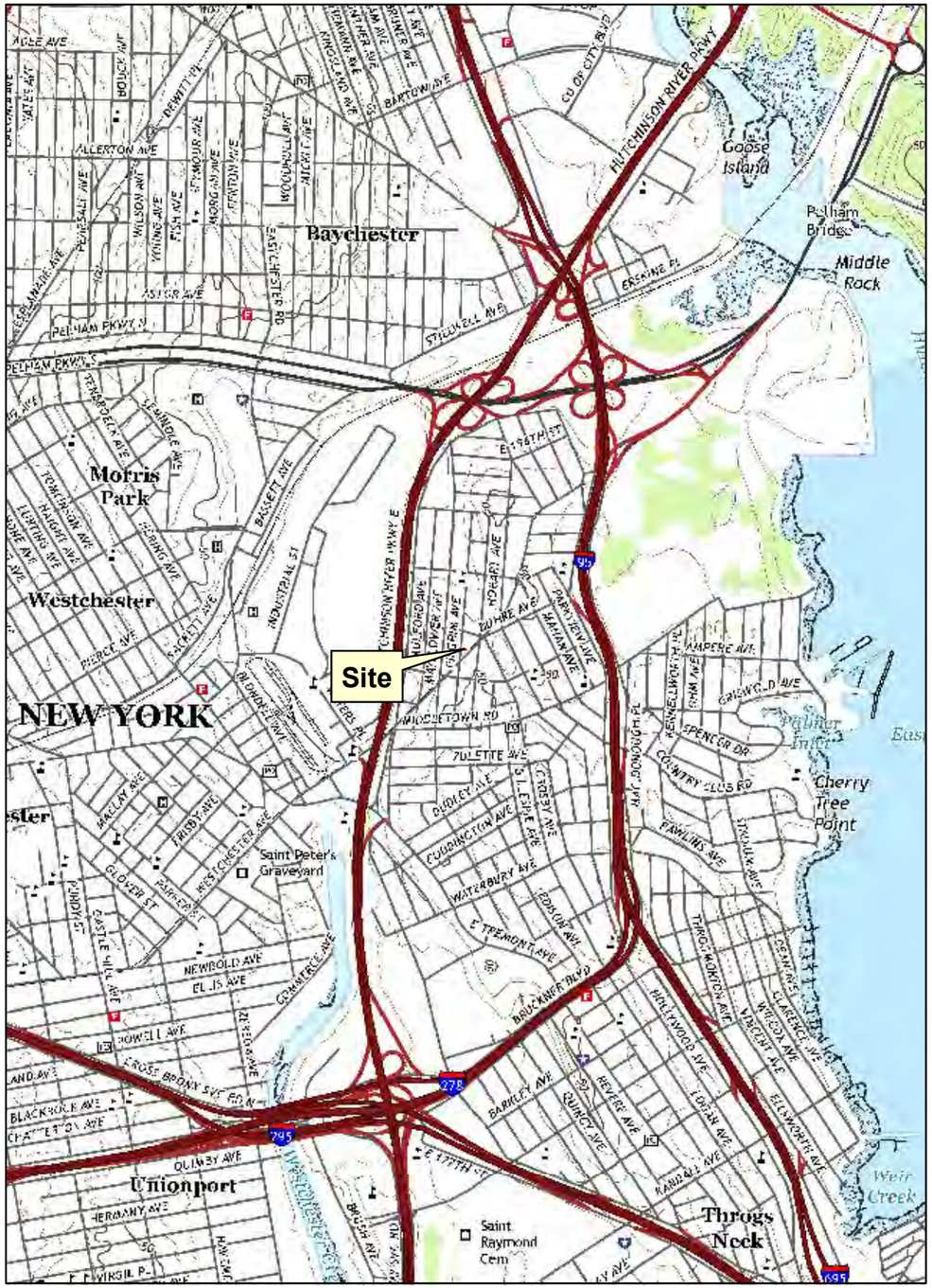
Chlorinated VOCs associated with former dry-cleaning operations at the Site are present in groundwater and soil beneath the Site at concentrations above applicable standards. At this time, detected cVOC impacts are limited to the Site and there is no evidence of offsite migration.

Please contact us if you need any additional information or would like to discuss potential remedial strategies.

Sincerely,
Tenen Environmental, LLC

Matthew Carroll, P.E.
Principal / Environmental Engineer

Figures



Basemap: USGS Topographic Map, 7.5 Minute Quadrangle, Flushing, NY, 2016

Site Location

0 1,000 2,000 4,000 Feet

http://gis.nyc.gov/taxmap/map.htm

Department of Finance Digital Tax Map

0 150 300 600 Feet

Service Layer Credits: Sources: Esri, HERE, Garmin, Intermap, increment P Corp., GEBCO, USGS, FAO, NPS, NRCAN, GeoBase, IGN, Kadaster NL, Ordnance Survey, Esri Japan, METI, Esri China (Hong Kong), (c) OpenStreetMap contributors, and the GIS User Community
NYC Department of City Planning, Information Technology Division

Department of City Planning MapPLUTO - 2018 v2.1

0 150 300 600 Feet

Site

2921 Westchester Avenue
Bronx, New York
Block 4164, Lot 5

TENEN ENVIRONMENTAL

Tenen Environmental, LLC
121 West 27th Street
Suite 702
New York, NY 10001
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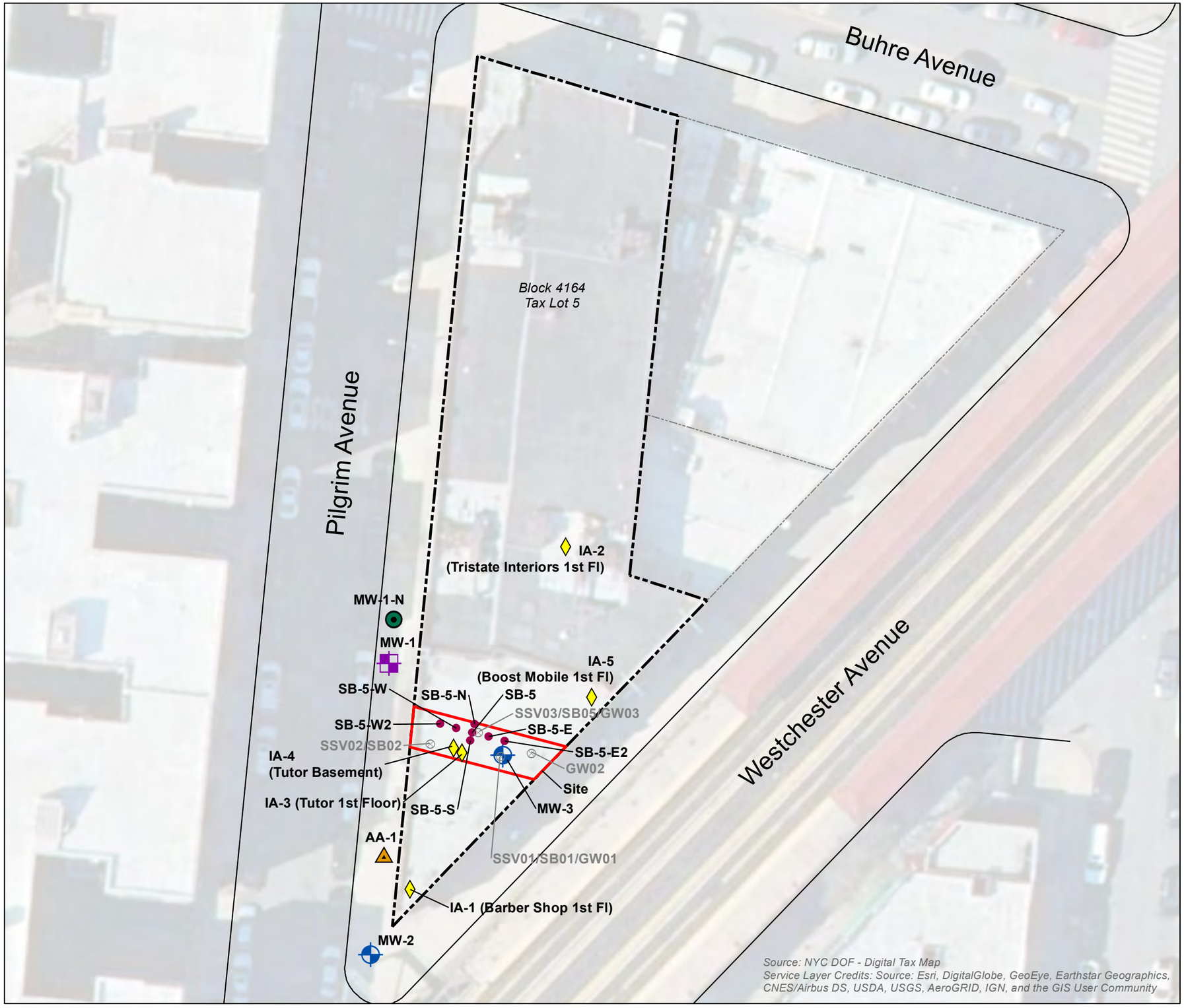
Drawn By	Checked By	Date	Scale
LM	AC	June 2020	As Noted

Drawing Title: **Site Location Map**

Drawing No: **Figure 1**



Legend

- Soil Delineation Sample Location
- Soil Boring Location
- Groundwater Sampling Location
- Soil and Groundwater Sampling Location
- Indoor Air Sampling Location
- Ambient Air Sampling Location
- Castleton Environmental Soil, GW and SV Sampling Locations, 2019
- Neighboring Tax Lots
- Block 4164, Tax Lot 5
- Site Location 2921 Westchester Avenue

0 15 30 60 Feet

Site

2921 Westchester Avenue
Bronx, New York
Block 4164, Lot 5

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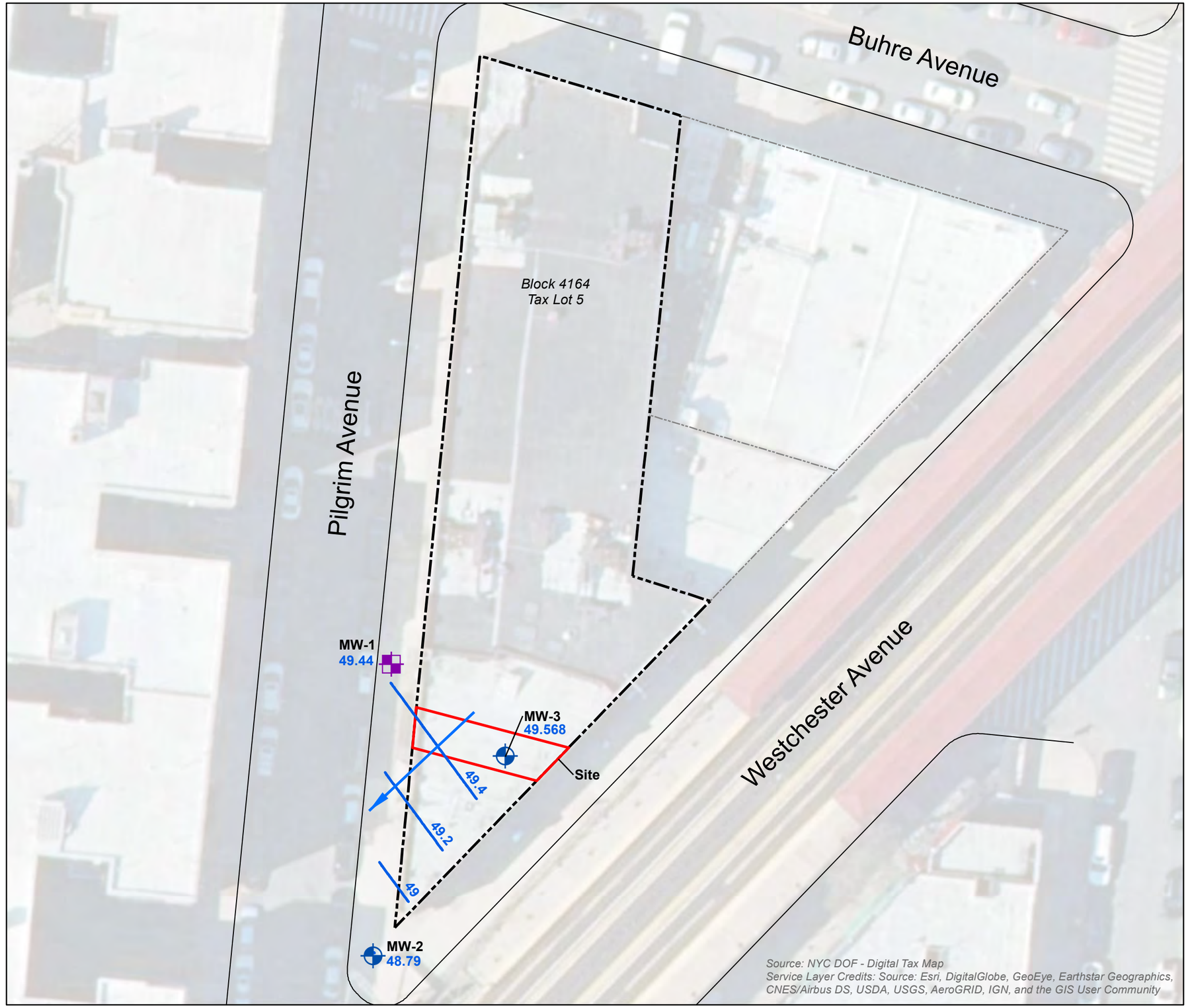
Drawn By	Checked By	Date	Scale
LM	AC	June 2020	As Noted

Drawing Title: **Historical Sampling Locations**

Drawing No: **Figure 2**



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Legend

- Groundwater Sampling Location
- Soil and Groundwater Sampling Location
- Groundwater Elevation Contour
- Neighboring Tax Lots
- Block 4164, Lot 5
- Site Location 2921 Westchester Avenue
- Groundwater Flow Direction

0 15 30 60 Feet

Site

2921 Westchester Avenue
Bronx, New York
Block 4164, Lot 5

TENEN ENVIRONMENTAL

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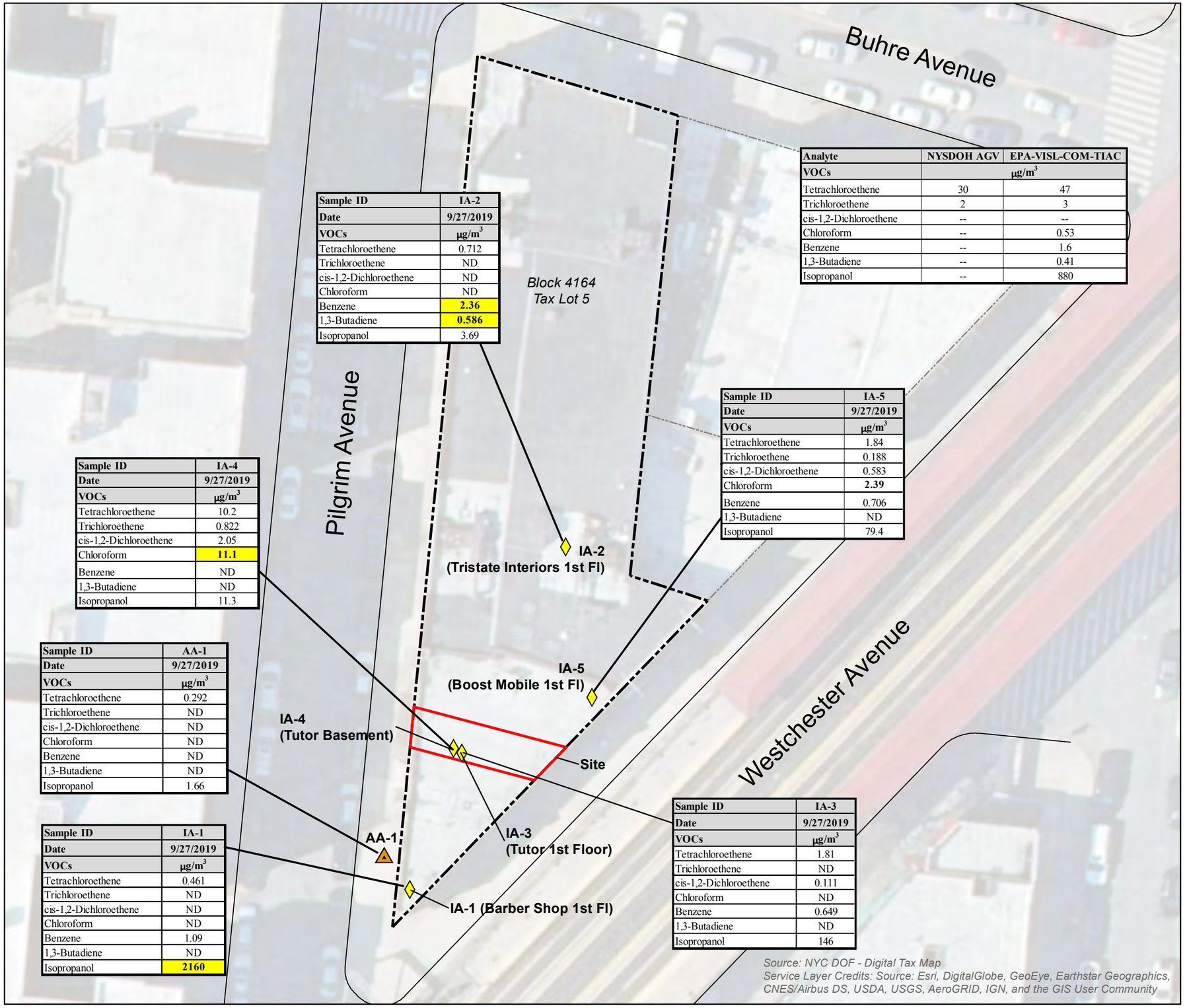
Drawn By	Checked By	Date	Scale
LM	AC	June 2020	As Noted

Drawing Title: **Groundwater Flow Map**

Drawing No: **Figure 3**



Sample ID	IA-2
Date	9/27/2019
VOCs	µg/m³
Tetrachloroethene	0.712
Trichloroethene	ND
cis-1,2-Dichloroethene	ND
Chloroform	ND
Benzene	**2.36**
1,3-Butadiene	**0.586**
Isopropanol	3.69

Analyte	NYSDOH AGV	EPA-VISL-COM-TIAC
VOCs	µg/m³	
Tetrachloroethene	30	47
Trichloroethene	2	3
cis-1,2-Dichloroethene	--	--
Chloroform	--	0.53
Benzene	--	1.6
1,3-Butadiene	--	0.41
Isopropanol	--	880

Sample ID	IA-5
Date	9/27/2019
VOCs	µg/m³
Tetrachloroethene	1.84
Trichloroethene	0.188
cis-1,2-Dichloroethene	0.583
Chloroform	**2.39**
Benzene	0.706
1,3-Butadiene	ND
Isopropanol	79.4

Sample ID	IA-4
Date	9/27/2019
VOCs	µg/m³
Tetrachloroethene	10.2
Trichloroethene	0.822
cis-1,2-Dichloroethene	2.05
Chloroform	**11.1**
Benzene	ND
1,3-Butadiene	ND
Isopropanol	11.3

Sample ID	AA-1
Date	9/27/2019
VOCs	µg/m³
Tetrachloroethene	0.292
Trichloroethene	ND
cis-1,2-Dichloroethene	ND
Chloroform	ND
Benzene	ND
1,3-Butadiene	ND
Isopropanol	1.66

Sample ID	IA-1
Date	9/27/2019
VOCs	µg/m³
Tetrachloroethene	0.461
Trichloroethene	ND
cis-1,2-Dichloroethene	ND
Chloroform	ND
Benzene	1.09
1,3-Butadiene	ND
Isopropanol	**2160**

Sample ID	IA-3
Date	9/27/2019
VOCs	µg/m³
Tetrachloroethene	1.81
Trichloroethene	ND
cis-1,2-Dichloroethene	0.111
Chloroform	ND
Benzene	0.649
1,3-Butadiene	ND
Isopropanol	146

Notes:

1. **Bold and shaded yellow value indicates concentration exceeds EPA-VISL-COM-TIAC**
2. All analytes met NYSDOH AGVs
3. EPA-VISL-COM-TIAC = Environmental Protection Agency Vapor Intrusion Screening Limits, Commercial Target Indoor Air Concentrations
4. NYSDOH AGV = New York State Department of Health Air Guidance Values, Table 3.1 in NYSDOH Soil Vapor Guidance, October 2006 with May 2017 Updates
5. ND = Not detected
6. µg/m³ = micrograms per cubic meter
7. -- = No standard

Legend

- Indoor Air Sampling Location
- Ambient Air Sampling Location
- Neighboring Tax Lots
- Block 4164, Tax Lot 5
- Site Location 2921 Westchester Avenue

0 15 30 60 Feet

Source: NYC DOF - Digital Tax Map
Service Layer Credits: Source: Esri, DigitalGlobe, GeoEye, Earthstar Geographics, CNES/Airbus DS, USDA, USGS, AeroGRID, IGN, and the GIS User Community

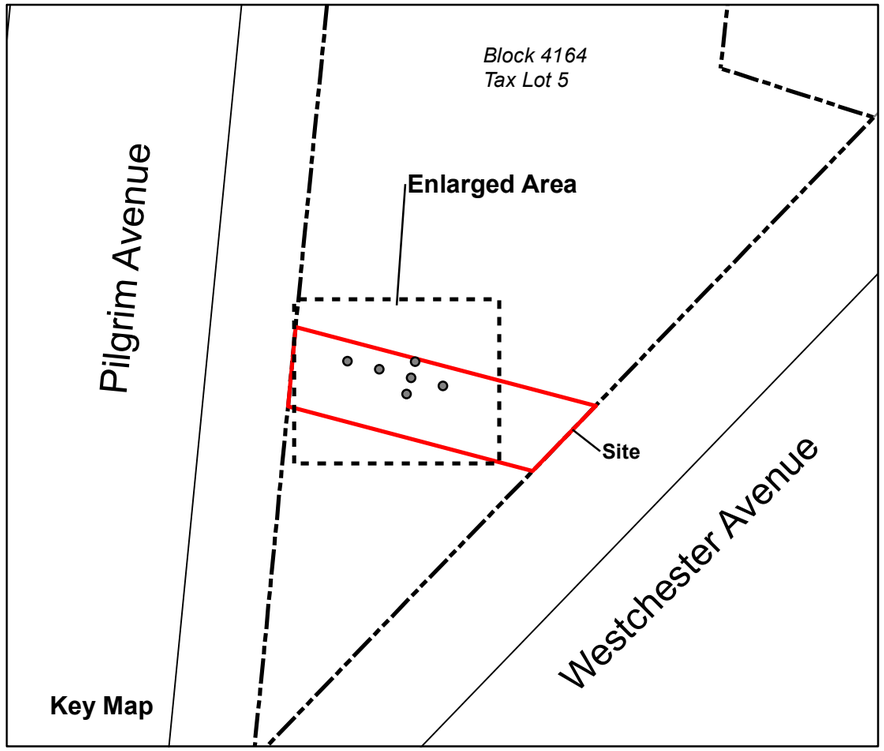
Site
2921 Westchester Avenue
Bronx, New York
Block 4164, Lot 5

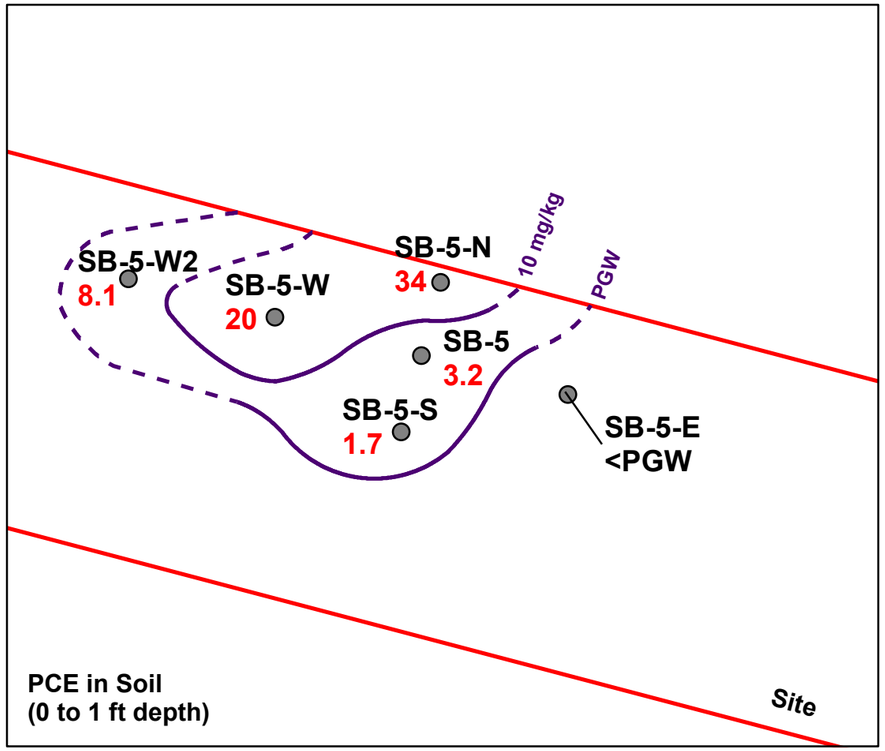
TENEN ENVIRONMENTAL
Tenen Environmental, LLC
121 West 27th Street
Suite 702
New York, NY 10001
O: (646) 606-2332
F: (646) 606-2379

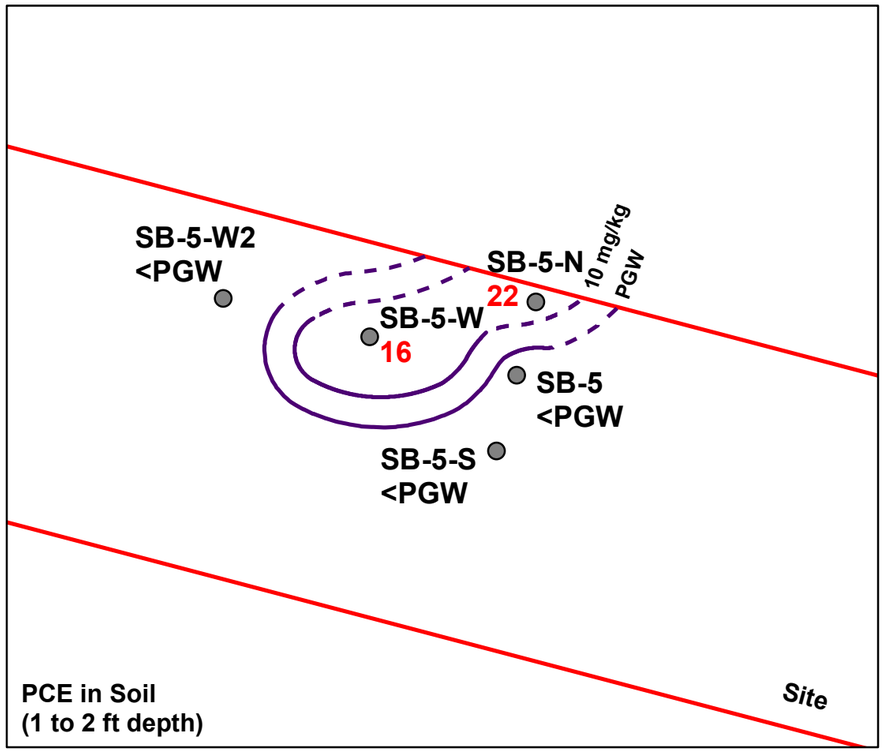
Drawn By	Checked By	Date	Scale
LM	AC	June 2020	As Noted

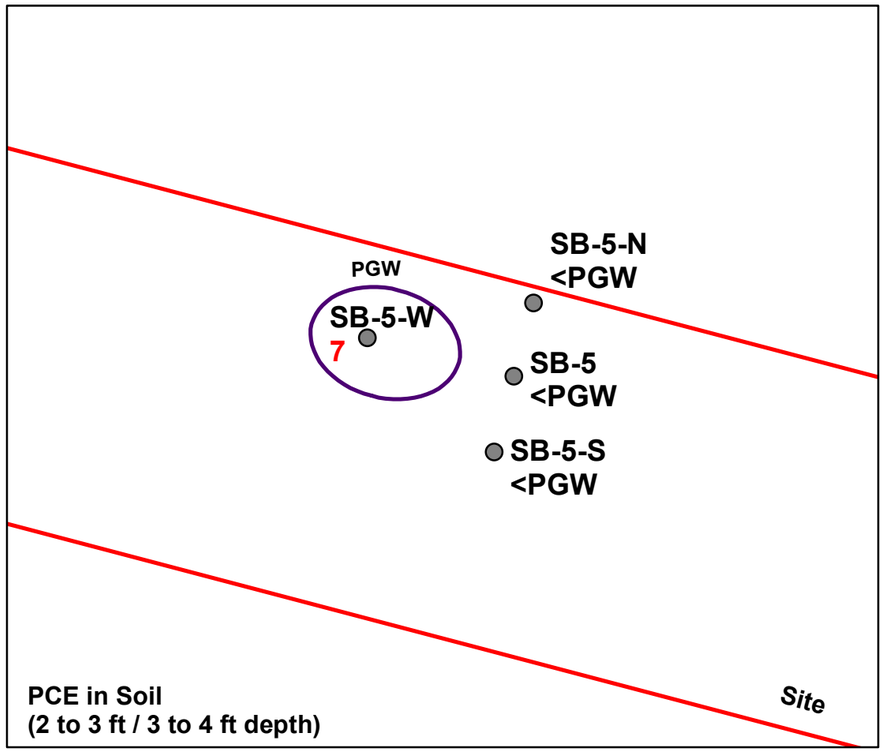
Drawing Title: **VOCs in Indoor Air**

Drawing No: **Figure 4**









Approximate Areas of PCE in Soil		
Depth	Area > 10 mg/kg	Area <10 mg/kg, >PGW
0-1 ft	50 sf	60 sf
1-2 ft	30 sf	30 sf
2-3 ft	0	15 sf

Note:
PGW - Protection of Groundwater Standard

Legend

- Soil Delineation Sample Locations
- Contour PCE in Soil
- Contour PCE in Soil (Inferred)
- Neighboring Tax Lots
- Site Boundary
- Site Location 2921 Westchester Avenue

Source: NYC DOF - Digital Tax Map

0 2.5 5 10 Feet

Site

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Bronx, New York
Block 4164, Lot 5

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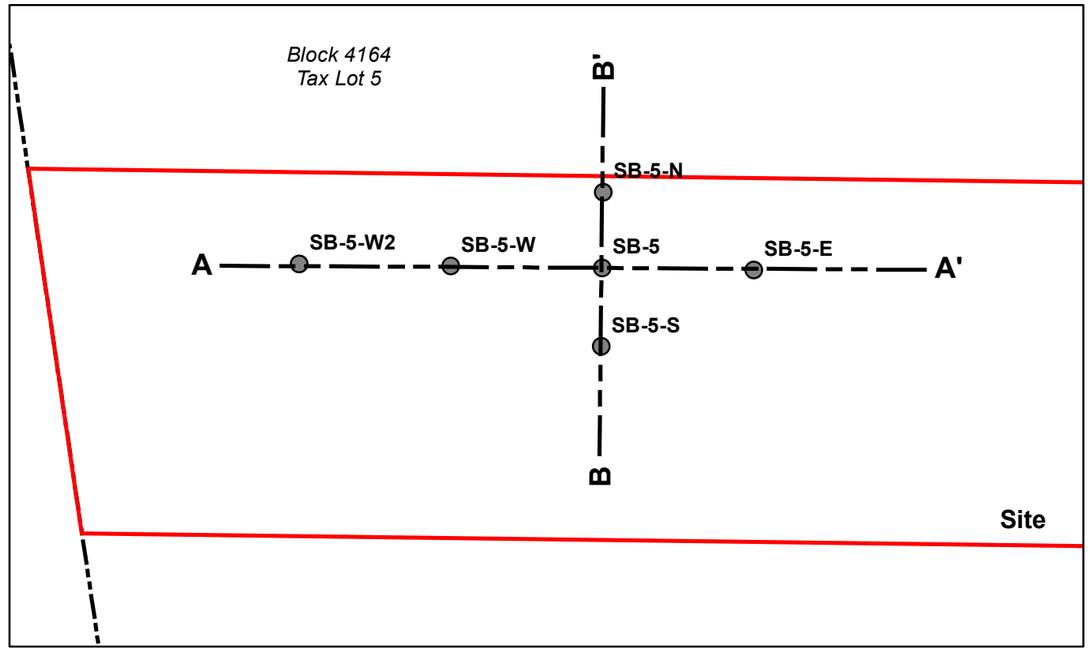
Drawn By	Checked By	Date	Scale
LM	AC	June 2020	As Noted

Drawing Title: **PCE Isopleths in Soil (0 to 1 ft, 1 ft to 2 ft, & 2 ft to 3 ft depths)**

Drawing No: **Figure 5**



Plan View

0 2.5 5 10 Feet

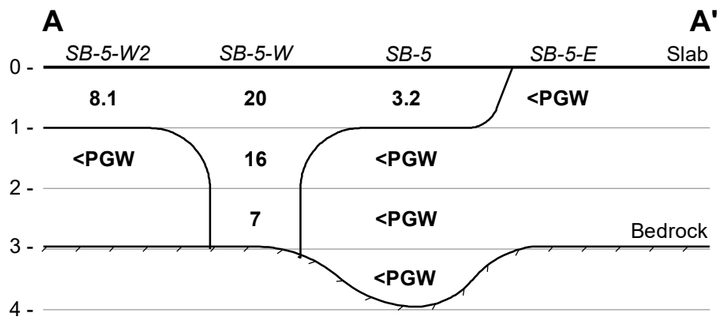
Approximate Areas of PCE in Soil		
Depth	Area > 10 mg/kg	Area <10 mg/kg, >PGW
0-1 ft	50 sf	60 sf
1-2 ft	30 sf	30 sf
2-3 ft	0	15 sf

Note:
PGW - Protection of Groundwater Standard

Legend

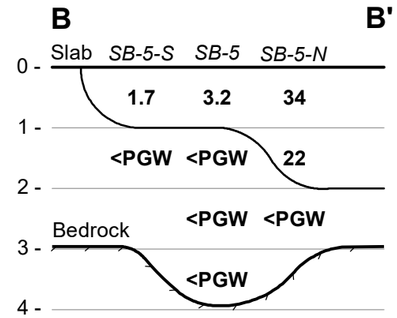
- Soil Delineation Sample Locations
- Block 4164, Tax Lot 5
- Site Location
  2921 Westchester Avenue

Source: NYC DOF - Digital Tax Map



Section A-A'

Horiz. Scale 1" = 5'
Vert. Scale 1" = 2.5'



Section B-B'

Horiz. Scale 1" = 5'
Vert. Scale 1" = 2.5'

2921 Westchester Avenue
Bronx, New York
Block 4164, Lot 5

Site

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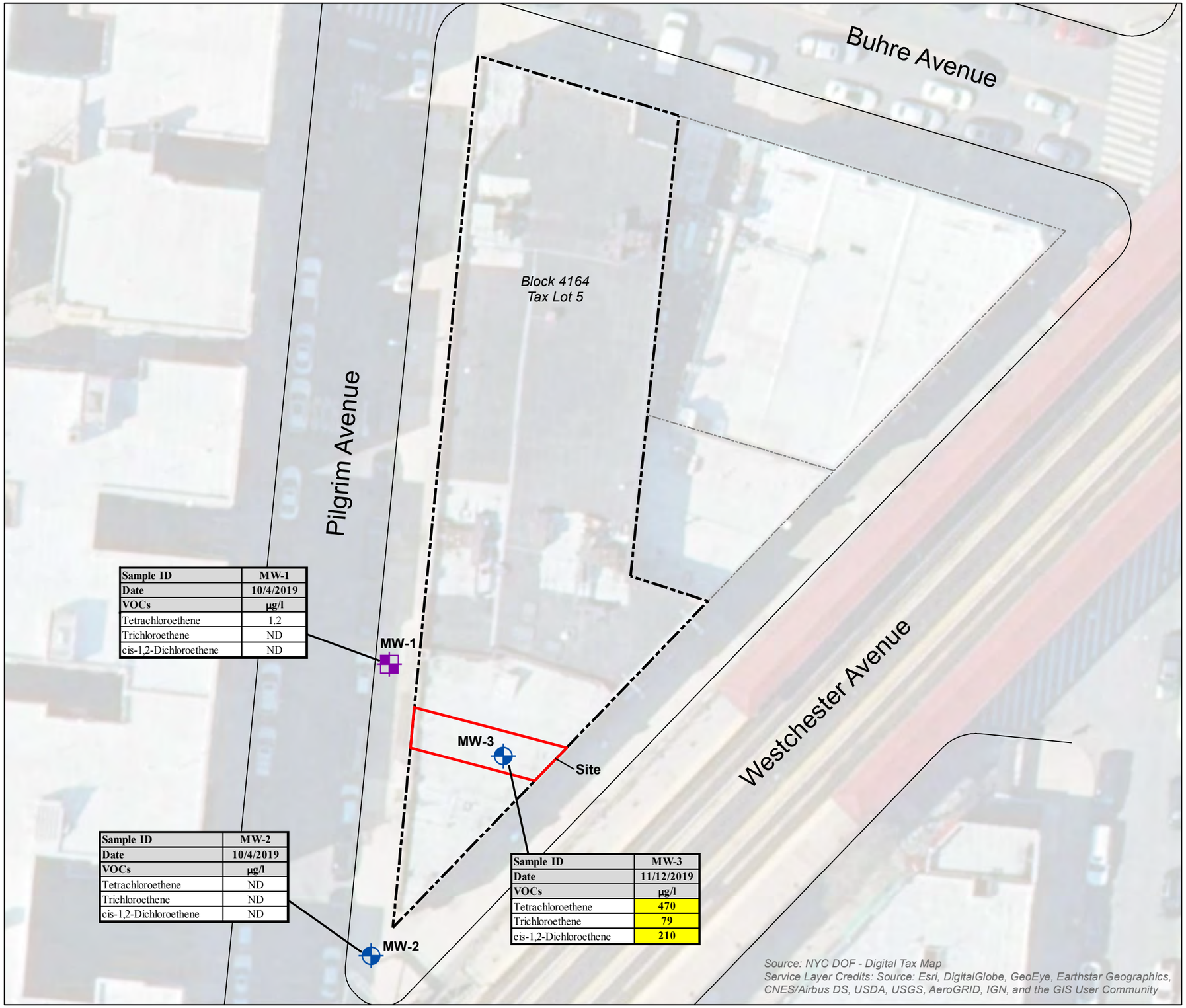
Drawn By	Checked By	Date	Scale
LM	AC	June 2020	As Noted

Drawing Title
PCE Impacts above Groundwater Standards - Cross-Sections

Drawing No
Figure 6



Sample ID	MW-1
Date	10/4/2019
VOCs	µg/l
Tetrachloroethene	1.2
Trichloroethene	ND
cis-1,2-Dichloroethene	ND

Sample ID	MW-2
Date	10/4/2019
VOCs	µg/l
Tetrachloroethene	ND
Trichloroethene	ND
cis-1,2-Dichloroethene	ND

Sample ID	MW-3
Date	11/12/2019
VOCs	µg/l
Tetrachloroethene	**470**
Trichloroethene	**79**
cis-1,2-Dichloroethene	**210**

Analyte	NY-AWQS
VOCs	µg/l
Tetrachloroethene	5
Trichloroethene	5
cis-1,2-Dichloroethene	5

Notes:

1. Bold and shaded yellow value indicates concentration exceeds NY-AWQS
2. NY-AWQS = NYSDEC Division of Technical and Operational Guidance Series (TOGS) 1.1.1 Ambient Water Quality Standards (AWQS)
3. ND = Not detected
4. µg/l = micrograms per liter

Legend

- Groundwater Sampling Location
- Soil and Groundwater Sampling Location
- Neighboring Tax Lots
- Block 4164, Tax Lot 5
- Site Location 2921 Westchester Avenue

0 15 30 60 Feet

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Block 4164, Lot 5

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Drawn By	Checked By	Date	Scale
LM	AC	June 2020	As Noted

Drawing Title: **VOCs in Groundwater**

Drawing No: **Figure 7**

Tables

Table 1. Volatile Organic Compounds in Indoor Air
2921 Westchester Avenue
Bronx, NY

SAMPLE ID:	NYSDOH AGVs	EPA-VISL-TIACs	Units	AA-1		IA-1		IA-2		IA-3		IA-4		IA-5	
LAB ID:				L1945065-01		L1945065-02		L1945065-03		L1945065-04		L1945065-05		L1945065-06	
COLLECTION DATE:				9/27/2019		9/27/2019		9/27/2019		9/27/2019		9/27/2019		9/27/2019	
				Conc	Q	Conc	Q	Conc	Q	Conc	Q	Conc	Q	Conc	Q
Volatile Organic Compounds															
Dichlorodifluoromethane	NS	440	ug/m3	1.79		1.67		1.79		1.77		1.75		1.76	
Chloromethane	NS	390	ug/m3	0.96		1.19		1.06		1.07		0.725		1.11	
Freon-114	NS	NS	ug/m3	ND		ND		ND		ND		ND		ND	
Vinyl chloride	NS	2.8	ug/m3	ND		ND		ND		ND		0.054		ND	
1,3-Butadiene	NS	0.41	ug/m3	ND		ND		**0.586**		ND		ND		ND	
Bromomethane	NS	22	ug/m3	ND		ND		ND		ND		ND		ND	
Chloroethane	NS	NS	ug/m3	ND		ND		ND		ND		ND		ND	
Ethanol	NS	NS	ug/m3	--		5350		--		--		--		--	
Ethanol	NS	NS	ug/m3	15.3		4260	E	55.2		315		11.9		64.3	
Vinyl bromide	NS	0.38	ug/m3	ND		ND		ND		ND		ND		ND	
Acetone	NS	140000	ug/m3	4.75		59.4		40.6		56.1		7.46		25.9	
Trichlorofluoromethane	NS	NS	ug/m3	ND		ND		ND		ND		ND		ND	
Isopropanol	NS	880	ug/m3	--		**2160**		--		--		--		--	
Isopropanol	NS	880	ug/m3	1.66		**2220**	**E**	3.69		146		11.3		79.4	
1,1-Dichloroethene	NS	880	ug/m3	ND		ND		ND		ND		ND		ND	
tert-Butyl Alcohol	NS	NS	ug/m3	ND		12.9		ND		ND		ND		ND	
Methylene chloride	60	1200	ug/m3	ND		ND		8.69		ND		ND		ND	
3-Chloropropene	NS	NS	ug/m3	ND		ND		ND		ND		ND		ND	
Carbon disulfide	NS	3100	ug/m3	ND		ND		ND		ND		ND		ND	
Freon-113	NS	NS	ug/m3	ND		ND		ND		ND		ND		ND	
trans-1,2-Dichloroethene	NS	NS	ug/m3	ND		ND		ND		ND		ND		ND	
1,1-Dichloroethane	NS	7.7	ug/m3	ND		ND		ND		ND		ND		ND	
Methyl tert butyl ether	NS	47	ug/m3	ND		ND		ND		ND		ND		ND	
2-Butanone	NS	NS	ug/m3	ND		ND		66.9		ND		ND		4.31	
cis-1,2-Dichloroethene	NS	NS	ug/m3	ND		ND		ND		0.111		2.05		0.583	
Ethyl Acetate	NS	310	ug/m3	ND		ND		ND		ND		ND		ND	
Chloroform	NS	0.53	ug/m3	ND		ND		ND		ND		**11.1**		**2.39**	
Tetrahydrofuran	NS	8800	ug/m3	ND		ND		27.7		ND		ND		2.09	
1,2-Dichloroethane	NS	0.47	ug/m3	ND		ND		ND		ND		ND		ND	
n-Hexane	NS	3100	ug/m3	ND		2.67		5		0.772		ND		1.37	
1,1,1-Trichloroethane	NS	22000	ug/m3	ND		ND		ND		ND		ND		ND	
Benzene	NS	1.6	ug/m3	ND		1.09		**2.36**		0.649		ND		0.706	
Carbon tetrachloride	NS	2	ug/m3	0.34		0.315		0.289		0.333		0.315		0.352	
Cyclohexane	NS	26000	ug/m3	ND		ND		1.67		ND		ND		ND	
1,2-Dichloropropane	NS	3.3	ug/m3	ND		ND		ND		ND		ND		ND	
Bromodichloromethane	NS	0.33	ug/m3	ND		ND		ND		ND		ND		ND	
1,4-Dioxane	NS	2.5	ug/m3	ND		ND		ND		ND		ND		ND	
Trichloroethene	2	3	ug/m3	ND		ND		ND		ND		0.822		0.188	
2,2,4-Trimethylpentane	NS	NS	ug/m3	ND		3.76		3.67		1		ND		0.986	
Heptane	NS	NS	ug/m3	ND		0.848		2.81		ND		ND		ND	
cis-1,3-Dichloropropene	NS	3.1	ug/m3	ND		ND		ND		ND		ND		ND	
4-Methyl-2-pentanone	NS	13000	ug/m3	ND		ND		ND		ND		ND		ND	
trans-1,3-Dichloropropene	NS	3.1	ug/m3	ND		ND		ND		ND		ND		ND	
1,1,2-Trichloroethane	NS	0.77	ug/m3	ND		ND		ND		ND		ND		ND	
Toluene	NS	22000	ug/m3	1.2		3.99		14.1		3.56		0.844		3.13	
2-Hexanone	NS	130	ug/m3	ND		ND		ND		ND		ND		ND	
Dibromochloromethane	NS	NS	ug/m3	ND		ND		ND		ND		ND		ND	
1,2-Dibromoethane	NS	0.02	ug/m3	ND		ND		ND		ND		ND		ND	
Tetrachloroethene	30	47	ug/m3	0.292		0.461		0.712		1.81		10.2		1.84	
Chlorobenzene	NS	220	ug/m3	ND		ND		ND		ND		ND		ND	
Ethylbenzene	NS	4.9	ug/m3	ND		ND		3.37		ND		ND		ND	
p/m-Xylene	NS	440	ug/m3	ND		ND		12.2		ND		ND		ND	
Bromoform	NS	11	ug/m3	ND		ND		ND		ND		ND		ND	
Styrene	NS	4400	ug/m3	ND		ND		ND		ND		ND		ND	
1,1,2,2-Tetrachloroethane	NS	0.21	ug/m3	ND		ND		ND		ND		ND		ND	
o-Xylene	NS	440	ug/m3	ND		ND		3.09		ND		ND		ND	
4-Ethyltoluene	NS	NS	ug/m3	ND		ND		ND		ND		ND		ND	
1,3,5-Trimethylbenzene	NS	260	ug/m3	ND		ND		ND		ND		ND		ND	
1,2,4-Trimethylbenzene	NS	260	ug/m3	ND		ND		1.66		ND		ND		ND	
Benzyl chloride	NS	0.25	ug/m3	ND		ND		ND		ND		ND		ND	
1,3-Dichlorobenzene	NS	NS	ug/m3	ND		ND		ND		ND		ND		ND	
1,4-Dichlorobenzene	NS	1.1	ug/m3	ND		ND		ND		ND		ND		ND	
1,2-Dichlorobenzene	NS	880	ug/m3	ND		ND		ND		ND		ND		ND	
1,2,4-Trichlorobenzene	NS	8.8	ug/m3	ND		ND		ND		ND		ND		ND	
Hexachlorobutadiene	NS	0.56	ug/m3	ND		ND		ND		ND		ND		ND	

Notes:
Bold and shaded yellow value indicates indoor air concentration exceeds EPA-VISL-TIACs
NYSDOH AGVs = New York State Department of Health Air Guidance Values, Guidance for Evaluating Soil Vapor Intrustion in the State of NY, Final October 2006 with May 2017 updates
EPA-VISL-TIACs = Environmental Protection Agency Vapor Intrusion Screening Limits, Commercial Target Indoor Air Concentration
Q = Laboratory Data Qualifier
ND = Not Detected
NS = No Standard

Table 2. Exterior Soil Analytical Data
2921 Westchester Avenue
Bronx, NY

CLIENT SAMPLE ID	NY-PGW	NY-RESC	Units	MW-1 (16-18)	
SAMPLING DATE				9/27/19	
LAB SAMPLE ID				L1945056-01	
					Qual
General Chemistry					
Solids, Total	NS	NS	%	93.6	
Volatile Organics by EPA 5035					
1,1,1,2-Tetrachloroethane	NS	NS	mg/kg	ND	
1,1,1-Trichloroethane	0.68	500	mg/kg	ND	
1,1,2,2-Tetrachloroethane	NS	NS	mg/kg	ND	
1,1,2-Trichloroethane	NS	NS	mg/kg	ND	
1,1-Dichloroethane	0.27	240	mg/kg	ND	
1,1-Dichloroethene	0.33	500	mg/kg	ND	
1,1-Dichloropropene	NS	NS	mg/kg	ND	
1,2,3-Trichlorobenzene	NS	NS	mg/kg	ND	
1,2,3-Trichloropropane	NS	NS	mg/kg	ND	
1,2,4,5-Tetramethylbenzene	NS	NS	mg/kg	ND	
1,2,4-Trichlorobenzene	NS	NS	mg/kg	ND	
1,2,4-Trimethylbenzene	3.6	190	mg/kg	ND	
1,2-Dibromo-3-chloropropane	NS	NS	mg/kg	ND	
1,2-Dibromoethane	NS	NS	mg/kg	ND	
1,2-Dichlorobenzene	1.1	500	mg/kg	ND	
1,2-Dichloroethane	0.02	30	mg/kg	ND	
1,2-Dichloroethene, Total	NS	NS	mg/kg	ND	
1,2-Dichloropropane	NS	NS	mg/kg	ND	
1,3,5-Trimethylbenzene	8.4	190	mg/kg	ND	
1,3-Dichlorobenzene	2.4	280	mg/kg	ND	
1,3-Dichloropropane	NS	NS	mg/kg	ND	
1,3-Dichloropropene, Total	NS	NS	mg/kg	ND	
1,4-Dichlorobenzene	1.8	130	mg/kg	ND	
1,4-Dioxane	0.1	130	mg/kg	ND	
2,2-Dichloropropane	NS	NS	mg/kg	ND	
2-Butanone	0.12	500	mg/kg	ND	
2-Hexanone	NS	NS	mg/kg	ND	
4-Methyl-2-pentanone	NS	NS	mg/kg	ND	
Acetone	0.05	500	mg/kg	0.0054	J
Acrylonitrile	NS	NS	mg/kg	ND	
Benzene	0.06	44	mg/kg	ND	
Bromobenzene	NS	NS	mg/kg	ND	
Bromochloromethane	NS	NS	mg/kg	ND	
Bromodichloromethane	NS	NS	mg/kg	ND	
Bromoform	NS	NS	mg/kg	ND	
Bromomethane	NS	NS	mg/kg	ND	
Carbon disulfide	NS	NS	mg/kg	ND	
Carbon tetrachloride	0.76	22	mg/kg	ND	
Chlorobenzene	1.1	500	mg/kg	ND	
Chloroethane	NS	NS	mg/kg	ND	
Chloroform	0.37	350	mg/kg	0.00017	J
Chloromethane	NS	NS	mg/kg	ND	
cis-1,2-Dichloroethene	0.25	500	mg/kg	ND	
cis-1,3-Dichloropropene	NS	NS	mg/kg	ND	
Dibromochloromethane	NS	NS	mg/kg	ND	
Dibromomethane	NS	NS	mg/kg	ND	
Dichlorodifluoromethane	NS	NS	mg/kg	ND	
Ethyl ether	NS	NS	mg/kg	ND	
Ethylbenzene	1	390	mg/kg	ND	
Hexachlorobutadiene	NS	NS	mg/kg	ND	
Isopropylbenzene	NS	NS	mg/kg	ND	
Methyl tert butyl ether	0.93	500	mg/kg	ND	
Methylene chloride	0.05	500	mg/kg	ND	
n-Butylbenzene	12	500	mg/kg	ND	
n-Propylbenzene	3.9	500	mg/kg	ND	
Naphthalene	12	500	mg/kg	ND	
o-Chlorotoluene	NS	NS	mg/kg	ND	
o-Xylene	NS	NS	mg/kg	ND	
p-Chlorotoluene	NS	NS	mg/kg	ND	
p-Diethylbenzene	NS	NS	mg/kg	ND	
p-Ethyltoluene	NS	NS	mg/kg	ND	
p-Isopropyltoluene	NS	NS	mg/kg	ND	
p/m-Xylene	NS	NS	mg/kg	ND	
sec-Butylbenzene	11	500	mg/kg	ND	
Styrene	NS	NS	mg/kg	ND	
tert-Butylbenzene	5.9	500	mg/kg	ND	
Tetrachloroethene	1.3	150	mg/kg	ND	
Toluene	0.7	500	mg/kg	ND	
trans-1,2-Dichloroethene	0.19	500	mg/kg	ND	
trans-1,3-Dichloropropene	NS	NS	mg/kg	ND	
trans-1,4-Dichloro-2-butene	NS	NS	mg/kg	ND	
Trichloroethene	0.47	200	mg/kg	ND	
Trichlorofluoromethane	NS	NS	mg/kg	ND	
Vinyl acetate	NS	NS	mg/kg	ND	
Vinyl chloride	0.02	13	mg/kg	ND	
Xylenes, Total	1.6	500	mg/kg	ND	
Total Metals					
Arsenic, Total	16	16	mg/kg	0.27	J
Barium, Total	820	400	mg/kg	43.5	
Cadmium, Total	7.5	9.3	mg/kg	0.11	J
Chromium, Total	NS	NS	mg/kg	27	
Lead, Total	450	1000	mg/kg	2.17	
Mercury, Total	0.73	2.8	mg/kg	ND	
Selenium, Total	4	1500	mg/kg	ND	
Silver, Total	8.3	1500	mg/kg	ND	

Notes:
Bold and shaded blue value indicates concentrations exceeds NY-PGW SCOs
Bold and shaded orange value indicates concentration exceeds NY-RESC SCOs
NY-UNRES = 6 NYCRR Part 375 Unrestricted Use Soil Cleanup Objectives
NY-PGW = 6 NYCRR Part 375 Restricted Protection of Groundwater Soil Cleanup Objectives
NY-RESC = 6 NYCRR Part 375 Restricted Commercial Use Soil Cleanup Objectives
J = Estimated value
ND = Not detected
NS = No standard

Table 3. Soil Delineation Sampling Analytical Results
2921 Westchester Avenue
Bronx, NY

CLIENT SAMPLE ID	NY-PGW	Units	SB-5 (0-1)		SB-5 (1-2)		SB-5 (2-3)		SB-5 (3-4)	
SAMPLING DATE			2/27/2020		2/27/2020		2/27/2020		2/27/2020	
LAB SAMPLE ID			L2008988-01		L2008988-02		L2008988-03		L2008988-04	
				Qual		Qual		Qual		Qual
General Chemistry										
Solids, Total	NS	%	89.3		91.6		93.5		91.5	
Volatile Organics by EPA 5035										
1,1,1,2-Tetrachloroethane	NS	mg/kg	ND		ND		ND		ND	
1,1,1-Trichloroethane	0.68	mg/kg	ND		ND		ND		ND	
1,1,2,2-Tetrachloroethane	NS	mg/kg	ND		ND		ND		ND	
1,1,2-Trichloroethane	NS	mg/kg	ND		ND		ND		ND	
1,1-Dichloroethane	0.27	mg/kg	ND		ND		ND		ND	
1,1-Dichloroethene	0.33	mg/kg	ND		ND		ND		ND	
1,1-Dichloropropene	NS	mg/kg	ND		ND		ND		ND	
1,2,3-Trichlorobenzene	NS	mg/kg	ND		ND		ND		ND	
1,2,3-Trichloropropane	NS	mg/kg	ND		ND		ND		ND	
1,2,4,5-Tetramethylbenzene	NS	mg/kg	ND		ND		ND		ND	
1,2,4-Trichlorobenzene	NS	mg/kg	ND		ND		ND		ND	
1,2,4-Trimethylbenzene	3.6	mg/kg	ND		ND		ND		ND	
1,2-Dibromo-3-chloropropane	NS	mg/kg	ND		ND		ND		ND	
1,2-Dibromoethane	NS	mg/kg	ND		ND		ND		ND	
1,2-Dichlorobenzene	1.1	mg/kg	ND		ND		ND		ND	
1,2-Dichloroethane	0.02	mg/kg	ND		ND		ND		ND	
1,2-Dichloroethene, Total	NS	mg/kg	1.5	J	0.0013		0.00038	J	0.00016	J
1,2-Dichloropropane	NS	mg/kg	ND		ND		ND		ND	
1,3,5-Trimethylbenzene	8.4	mg/kg	ND		ND		ND		ND	
1,3-Dichlorobenzene	2.4	mg/kg	ND		ND		ND		ND	
1,3-Dichloropropane	NS	mg/kg	ND		ND		ND		ND	
1,3-Dichloropropene, Total	NS	mg/kg	ND		ND		ND		ND	
1,4-Dichlorobenzene	1.8	mg/kg	ND		ND		ND		ND	
1,4-Dioxane	0.1	mg/kg	ND		ND		ND		ND	
2,2-Dichloropropane	NS	mg/kg	ND		ND		ND		ND	
2-Butanone	0.12	mg/kg	ND		ND		ND		ND	
2-Hexanone	NS	mg/kg	ND		ND		ND		ND	
4-Methyl-2-pentanone	NS	mg/kg	ND		ND		ND		ND	
Acetone	0.05	mg/kg	ND		ND		ND		ND	
Acrylonitrile	NS	mg/kg	ND		ND		ND		ND	
Benzene	0.06	mg/kg	ND		ND		ND		ND	
Bromobenzene	NS	mg/kg	ND		ND		ND		ND	
Bromochloromethane	NS	mg/kg	ND		ND		ND		ND	
Bromodichloromethane	NS	mg/kg	ND		ND		ND		ND	
Bromoform	NS	mg/kg	ND		ND		ND		ND	
Bromomethane	NS	mg/kg	ND		ND		ND		ND	
Carbon disulfide	NS	mg/kg	ND		ND		ND		ND	
Carbon tetrachloride	0.76	mg/kg	ND		ND		ND		ND	
Chlorobenzene	1.1	mg/kg	ND		ND		ND		ND	
Chloroethane	NS	mg/kg	ND		ND		ND		ND	
Chloroform	0.37	mg/kg	ND		ND		ND		ND	

Table 3. Soil Delineation Sampling Analytical Results
2925 Westchester Avenue
Bronx, NY

CLIENT SAMPLE ID	NY-PGW	Units	SB-5 (0-1)		SB-5 (1-2)		SB-5 (2-3)		SB-5 (3-4)	
SAMPLING DATE			2/27/2020		2/27/2020		2/27/2020		2/27/2020	
LAB SAMPLE ID			L2008988-01		L2008988-02		L2008988-03		L2008988-04	
				Qual		Qual		Qual		Qual
Chloromethane	NS	mg/kg	ND		ND		ND		ND	
cis-1,2-Dichloroethene	0.25	mg/kg	**1.5**		0.0013		0.00038	J	0.00016	J
cis-1,3-Dichloropropene	NS	mg/kg	ND		ND		ND		ND	
Dibromochloromethane	NS	mg/kg	ND		ND		ND		ND	
Dibromomethane	NS	mg/kg	ND		ND		ND		ND	
Dichlorodifluoromethane	NS	mg/kg	ND		ND		ND		ND	
Ethyl ether	NS	mg/kg	ND		ND		ND		ND	
Ethylbenzene	1	mg/kg	ND		ND		ND		ND	
Hexachlorobutadiene	NS	mg/kg	ND		ND		ND		ND	
Isopropylbenzene	NS	mg/kg	ND		ND		ND		ND	
Methyl tert butyl ether	0.93	mg/kg	ND		ND		ND		ND	
Methylene chloride	0.05	mg/kg	ND		ND		ND		ND	
n-Butylbenzene	12	mg/kg	ND		ND		ND		ND	
n-Propylbenzene	3.9	mg/kg	ND		ND		ND		ND	
Naphthalene	12	mg/kg	ND		ND		ND		ND	
o-Chlorotoluene	NS	mg/kg	ND		ND		ND		ND	
o-Xylene	NS	mg/kg	ND		ND		ND		ND	
p-Chlorotoluene	NS	mg/kg	ND		ND		ND		ND	
p-Diethylbenzene	NS	mg/kg	ND		ND		ND		ND	
p-Ethyltoluene	NS	mg/kg	ND		ND		ND		ND	
p-Isopropyltoluene	NS	mg/kg	ND		ND		ND		ND	
p/m-Xylene	NS	mg/kg	ND		ND		ND		ND	
sec-Butylbenzene	11	mg/kg	ND		ND		ND		ND	
Styrene	NS	mg/kg	ND		ND		ND		ND	
tert-Butylbenzene	5.9	mg/kg	ND		ND		ND		ND	
Tetrachloroethene	1.3	mg/kg	**3.2**		0.0014		0.0012		0.0013	
Toluene	0.7	mg/kg	ND		ND		ND		ND	
trans-1,2-Dichloroethene	0.19	mg/kg	0.018	J	ND		ND		ND	
trans-1,3-Dichloropropene	NS	mg/kg	ND		ND		ND		ND	
trans-1,4-Dichloro-2-butene	NS	mg/kg	ND		ND		ND		ND	
Trichloroethene	0.47	mg/kg	**1.8**		0.0002	J	ND		0.00013	J
Trichlorofluoromethane	NS	mg/kg	ND		ND		ND		ND	
Vinyl acetate	NS	mg/kg	ND		ND		ND		ND	
Vinyl chloride	0.02	mg/kg	ND		ND		ND		ND	
Xylenes, Total	1.6	mg/kg	ND		ND		ND		ND	

Notes:

Bold and shaded yellow value indicates concentration exceeds NY-PGW SCOs

NY-PGW = 6 NYCRR Part 375 Restricted Protection of Groundwater Soil Cleanup Objectives

J = Estimated value

ND = Not detected

NS = No standard

Table 3. Soil Delineation Sampling Analytical Results
2925 Westchester Avenue
Bronx, NY

CLIENT SAMPLE ID	NY-PGW	Units	SB-5-N (0-1)		SB-5-N (1-2)		SB-5-N (2-3)		SB-5-W (0-1)	
SAMPLING DATE			2/27/2020		2/27/2020		2/27/2020		2/27/2020	
LAB SAMPLE ID			L2008988-05		L2008988-06		L2008988-07		L2008988-08	
				Qual		Qual		Qual		Qual
General Chemistry										
Solids, Total	NS	%	77.3		84.1		90.9		89.5	
Volatile Organics by EPA 5035										
1,1,1,2-Tetrachloroethane	NS	mg/kg	ND		ND		ND		ND	
1,1,1-Trichloroethane	0.68	mg/kg	ND		ND		ND		ND	
1,1,2,2-Tetrachloroethane	NS	mg/kg	ND		ND		ND		ND	
1,1,2-Trichloroethane	NS	mg/kg	ND		ND		ND		ND	
1,1-Dichloroethane	0.27	mg/kg	ND		ND		ND		ND	
1,1-Dichloroethene	0.33	mg/kg	ND		ND		ND		ND	
1,1-Dichloropropene	NS	mg/kg	ND		ND		ND		ND	
1,2,3-Trichlorobenzene	NS	mg/kg	ND		ND		ND		ND	
1,2,3-Trichloropropane	NS	mg/kg	ND		ND		ND		ND	
1,2,4,5-Tetramethylbenzene	NS	mg/kg	ND		ND		ND		ND	
1,2,4-Trichlorobenzene	NS	mg/kg	ND		ND		ND		ND	
1,2,4-Trimethylbenzene	3.6	mg/kg	ND		ND		ND		ND	
1,2-Dibromo-3-chloropropane	NS	mg/kg	ND		ND		ND		ND	
1,2-Dibromoethane	NS	mg/kg	ND		ND		ND		ND	
1,2-Dichlorobenzene	1.1	mg/kg	ND		ND		ND		ND	
1,2-Dichloroethane	0.02	mg/kg	ND		ND		ND		ND	
1,2-Dichloroethene, Total	NS	mg/kg	10	J	12		0.58	J	2.9	J
1,2-Dichloropropane	NS	mg/kg	ND		ND		ND		ND	
1,3,5-Trimethylbenzene	8.4	mg/kg	ND		ND		ND		ND	
1,3-Dichlorobenzene	2.4	mg/kg	ND		ND		ND		ND	
1,3-Dichloropropane	NS	mg/kg	ND		ND		ND		ND	
1,3-Dichloropropene, Total	NS	mg/kg	ND		ND		ND		ND	
1,4-Dichlorobenzene	1.8	mg/kg	ND		ND		ND		0.039	J
1,4-Dioxane	0.1	mg/kg	ND		ND		ND		ND	
2,2-Dichloropropane	NS	mg/kg	ND		ND		ND		ND	
2-Butanone	0.12	mg/kg	ND		ND		ND		ND	
2-Hexanone	NS	mg/kg	ND		ND		ND		ND	
4-Methyl-2-pentanone	NS	mg/kg	ND		ND		ND		ND	
Acetone	0.05	mg/kg	ND		**0.68**	**J**	ND		ND	
Acrylonitrile	NS	mg/kg	ND		ND		ND		ND	
Benzene	0.06	mg/kg	ND		ND		ND		ND	
Bromobenzene	NS	mg/kg	ND		ND		ND		ND	
Bromochloromethane	NS	mg/kg	ND		ND		ND		ND	
Bromodichloromethane	NS	mg/kg	ND		ND		ND		ND	
Bromoform	NS	mg/kg	ND		ND		ND		ND	
Bromomethane	NS	mg/kg	ND		ND		ND		ND	
Carbon disulfide	NS	mg/kg	ND		ND		ND		ND	
Carbon tetrachloride	0.76	mg/kg	ND		ND		ND		ND	
Chlorobenzene	1.1	mg/kg	ND		ND		ND		ND	
Chloroethane	NS	mg/kg	ND		ND		ND		ND	
Chloroform	0.37	mg/kg	ND		ND		ND		ND	

Table 3. Soil Delineation Sampling Analytical Results
2925 Westchester Avenue
Bronx, NY

CLIENT SAMPLE ID	NY-PGW	Units	SB-5-N (0-1)		SB-5-N (1-2)		SB-5-N (2-3)		SB-5-W (0-1)	
SAMPLING DATE			2/27/2020		2/27/2020		2/27/2020		2/27/2020	
LAB SAMPLE ID			L2008988-05		L2008988-06		L2008988-07		L2008988-08	
				Qual		Qual		Qual		Qual
Chloromethane	NS	mg/kg	ND		ND		ND		ND	
cis-1,2-Dichloroethene	0.25	mg/kg	**10**		**12**		**0.57**		**2.8**	
cis-1,3-Dichloropropene	NS	mg/kg	ND		ND		ND		ND	
Dibromochloromethane	NS	mg/kg	ND		ND		ND		ND	
Dibromomethane	NS	mg/kg	ND		ND		ND		ND	
Dichlorodifluoromethane	NS	mg/kg	ND		ND		ND		ND	
Ethyl ether	NS	mg/kg	ND		ND		ND		ND	
Ethylbenzene	1	mg/kg	ND		ND		ND		ND	
Hexachlorobutadiene	NS	mg/kg	ND		ND		ND		ND	
Isopropylbenzene	NS	mg/kg	ND		ND		ND		ND	
Methyl tert butyl ether	0.93	mg/kg	ND		ND		ND		ND	
Methylene chloride	0.05	mg/kg	ND		**0.27**	**J**	ND		ND	
n-Butylbenzene	12	mg/kg	ND		ND		ND		ND	
n-Propylbenzene	3.9	mg/kg	ND		ND		ND		ND	
Naphthalene	12	mg/kg	ND		ND		ND		0.052	J
o-Chlorotoluene	NS	mg/kg	ND		ND		ND		ND	
o-Xylene	NS	mg/kg	ND		ND		ND		ND	
p-Chlorotoluene	NS	mg/kg	ND		ND		ND		ND	
p-Diethylbenzene	NS	mg/kg	ND		ND		ND		ND	
p-Ethyltoluene	NS	mg/kg	ND		ND		ND		ND	
p-Isopropyltoluene	NS	mg/kg	ND		0.014	J	ND		ND	
p/m-Xylene	NS	mg/kg	ND		ND		ND		ND	
sec-Butylbenzene	11	mg/kg	ND		ND		ND		ND	
Styrene	NS	mg/kg	ND		ND		ND		ND	
tert-Butylbenzene	5.9	mg/kg	ND		ND		ND		ND	
Tetrachloroethene	1.3	mg/kg	**34**		**22**		0.65		**20**	
Toluene	0.7	mg/kg	ND		ND		ND		ND	
trans-1,2-Dichloroethene	0.19	mg/kg	0.18	J	**0.26**		0.0083	J	0.054	J
trans-1,3-Dichloropropene	NS	mg/kg	ND		ND		ND		ND	
trans-1,4-Dichloro-2-butene	NS	mg/kg	ND		ND		ND		ND	
Trichloroethene	0.47	mg/kg	**8.1**		**26**		**0.67**		**3.3**	
Trichlorofluoromethane	NS	mg/kg	ND		ND		ND		ND	
Vinyl acetate	NS	mg/kg	ND		ND		ND		ND	
Vinyl chloride	0.02	mg/kg	ND		**0.084**	**J**	ND		ND	
Xylenes, Total	1.6	mg/kg	ND		ND		ND		ND	

Notes:

Bold and shaded yellow value indicates concentration exceeds NY-PGW SCOs

NY-PGW = 6 NYCRR Part 375 Restricted Protection of Groundwater Soil Cleanup Objectives

J = Estimated value

ND = Not detected

NS = No standard

Table 3. Soil Delineation Sampling Analytical Results
2925 Westchester Avenue
Bronx, NY

CLIENT SAMPLE ID	NY-PGW	Units	SB-5-W (1-2)		SB-5-W (2-3)		SB-5-E (0-1)		SB-5-W2 (0-1)	
SAMPLING DATE			2/27/2020		2/27/2020		2/27/2020		2/27/2020	
LAB SAMPLE ID			L2008988-09		L2008988-10		L2008988-11		L2008988-17	
				Qual		Qual		Qual		Qual
General Chemistry										
Solids, Total	NS	%	85.4		89.4		80.2		80.8	
Volatile Organics by EPA 5035										
1,1,1,2-Tetrachloroethane	NS	mg/kg	ND		ND		ND		ND	
1,1,1-Trichloroethane	0.68	mg/kg	ND		ND		ND		ND	
1,1,2,2-Tetrachloroethane	NS	mg/kg	ND		ND		ND		ND	
1,1,2-Trichloroethane	NS	mg/kg	ND		ND		ND		ND	
1,1-Dichloroethane	0.27	mg/kg	ND		ND		ND		ND	
1,1-Dichloroethene	0.33	mg/kg	ND		ND		ND		ND	
1,1-Dichloropropene	NS	mg/kg	ND		ND		ND		ND	
1,2,3-Trichlorobenzene	NS	mg/kg	ND		ND		ND		ND	
1,2,3-Trichloropropane	NS	mg/kg	ND		ND		ND		ND	
1,2,4,5-Tetramethylbenzene	NS	mg/kg	ND		ND		ND		ND	
1,2,4-Trichlorobenzene	NS	mg/kg	ND		ND		ND		ND	
1,2,4-Trimethylbenzene	3.6	mg/kg	ND		ND		ND		ND	
1,2-Dibromo-3-chloropropane	NS	mg/kg	ND		ND		ND		ND	
1,2-Dibromoethane	NS	mg/kg	ND		ND		ND		ND	
1,2-Dichlorobenzene	1.1	mg/kg	ND		ND		ND		ND	
1,2-Dichloroethane	0.02	mg/kg	ND		ND		ND		ND	
1,2-Dichloroethene, Total	NS	mg/kg	4.5		3.8		0.052	J	1.3	
1,2-Dichloropropane	NS	mg/kg	ND		ND		ND		ND	
1,3,5-Trimethylbenzene	8.4	mg/kg	ND		ND		ND		ND	
1,3-Dichlorobenzene	2.4	mg/kg	ND		ND		ND		ND	
1,3-Dichloropropane	NS	mg/kg	ND		ND		ND		ND	
1,3-Dichloropropene, Total	NS	mg/kg	ND		ND		ND		ND	
1,4-Dichlorobenzene	1.8	mg/kg	ND		0.027	J	ND		ND	
1,4-Dioxane	0.1	mg/kg	ND		ND		ND		ND	
2,2-Dichloropropane	NS	mg/kg	ND		ND		ND		ND	
2-Butanone	0.12	mg/kg	ND		ND		ND		ND	
2-Hexanone	NS	mg/kg	ND		ND		ND		ND	
4-Methyl-2-pentanone	NS	mg/kg	ND		ND		ND		ND	
Acetone	0.05	mg/kg	ND		ND		ND		ND	
Acrylonitrile	NS	mg/kg	ND		ND		ND		ND	
Benzene	0.06	mg/kg	ND		ND		ND		ND	
Bromobenzene	NS	mg/kg	ND		ND		ND		ND	
Bromochloromethane	NS	mg/kg	ND		ND		ND		ND	
Bromodichloromethane	NS	mg/kg	ND		ND		ND		ND	
Bromoform	NS	mg/kg	ND		ND		ND		ND	
Bromomethane	NS	mg/kg	ND		ND		ND		ND	
Carbon disulfide	NS	mg/kg	ND		ND		ND		ND	
Carbon tetrachloride	0.76	mg/kg	ND		ND		ND		ND	
Chlorobenzene	1.1	mg/kg	ND		ND		ND		ND	
Chloroethane	NS	mg/kg	ND		ND		ND		ND	
Chloroform	0.37	mg/kg	ND		ND		ND		ND	

Table 3. Soil Delineation Sampling Analytical Results
2925 Westchester Avenue
Bronx, NY

CLIENT SAMPLE ID	NY-PGW	Units	SB-5-W (1-2)		SB-5-W (2-3)		SB-5-E (0-1)		SB-5-W2 (0-1)	
SAMPLING DATE			2/27/2020		2/27/2020		2/27/2020		2/27/2020	
LAB SAMPLE ID			L2008988-09		L2008988-10		L2008988-11		L2008988-17	
				Qual		Qual		Qual		Qual
Chloromethane	NS	mg/kg	ND		ND		ND		ND	
cis-1,2-Dichloroethene	0.25	mg/kg	**4.4**		**3.7**		0.052		**1.3**	
cis-1,3-Dichloropropene	NS	mg/kg	ND		ND		ND		ND	
Dibromochloromethane	NS	mg/kg	ND		ND		ND		ND	
Dibromomethane	NS	mg/kg	ND		ND		ND		ND	
Dichlorodifluoromethane	NS	mg/kg	ND		ND		ND		ND	
Ethyl ether	NS	mg/kg	ND		ND		ND		ND	
Ethylbenzene	1	mg/kg	ND		ND		ND		ND	
Hexachlorobutadiene	NS	mg/kg	ND		ND		ND		ND	
Isopropylbenzene	NS	mg/kg	ND		ND		ND		ND	
Methyl tert butyl ether	0.93	mg/kg	ND		ND		ND		ND	
Methylene chloride	0.05	mg/kg	ND		ND		ND		ND	
n-Butylbenzene	12	mg/kg	ND		ND		ND		ND	
n-Propylbenzene	3.9	mg/kg	ND		ND		ND		ND	
Naphthalene	12	mg/kg	ND		ND		ND		ND	
o-Chlorotoluene	NS	mg/kg	ND		ND		ND		ND	
o-Xylene	NS	mg/kg	ND		ND		ND		ND	
p-Chlorotoluene	NS	mg/kg	ND		ND		ND		ND	
p-Diethylbenzene	NS	mg/kg	ND		ND		ND		ND	
p-Ethyltoluene	NS	mg/kg	ND		ND		ND		ND	
p-Isopropyltoluene	NS	mg/kg	ND		ND		ND		ND	
p/m-Xylene	NS	mg/kg	ND		ND		ND		ND	
sec-Butylbenzene	11	mg/kg	ND		ND		ND		ND	
Styrene	NS	mg/kg	ND		ND		ND		ND	
tert-Butylbenzene	5.9	mg/kg	ND		ND		ND		ND	
Tetrachloroethene	1.3	mg/kg	**16**		**7**		0.17		**8.1**	
Toluene	0.7	mg/kg	ND		ND		ND		ND	
trans-1,2-Dichloroethene	0.19	mg/kg	0.14		0.084		0.00036	J	ND	
trans-1,3-Dichloropropene	NS	mg/kg	ND		ND		ND		ND	
trans-1,4-Dichloro-2-butene	NS	mg/kg	ND		ND		ND		ND	
Trichloroethene	0.47	mg/kg	**3.6**		**1.7**		0.031		**1.4**	
Trichlorofluoromethane	NS	mg/kg	ND		ND		ND		ND	
Vinyl acetate	NS	mg/kg	ND		ND		ND		ND	
Vinyl chloride	0.02	mg/kg	ND		ND		0.0005	J	ND	
Xylenes, Total	1.6	mg/kg	ND		ND		ND		ND	

Notes:

Bold and shaded yellow value indicates concentration exceeds NY-PGW SCOs

NY-PGW = 6 NYCRR Part 375 Restricted Protection of Groundwater Soil Cleanup Objectives

J = Estimated value

ND = Not detected

NS = No standard

Table 3. Soil Delineation Sampling Analytical Results
2925 Westchester Avenue
Bronx, NY

CLIENT SAMPLE ID	NY-PGW	Units	SB-5-W2 (1-2)		SB-5-S (0-1)		SB-5-S (1-2)		SB-5-S (2-3)	
SAMPLING DATE			2/27/2020		2/27/2020		2/27/2020		2/27/2020	
LAB SAMPLE ID			L2008988-18		L2008988-20		L2008988-21		L2008988-22	
				Qual		Qual		Qual		Qual
General Chemistry										
Solids, Total	NS	%	88.7		81		92		92.4	
Volatile Organics by EPA 5035										
1,1,1,2-Tetrachloroethane	NS	mg/kg	ND		ND		ND		ND	
1,1,1-Trichloroethane	0.68	mg/kg	ND		ND		ND		ND	
1,1,2,2-Tetrachloroethane	NS	mg/kg	ND		ND		ND		ND	
1,1,2-Trichloroethane	NS	mg/kg	ND		ND		ND		ND	
1,1-Dichloroethane	0.27	mg/kg	ND		ND		ND		ND	
1,1-Dichloroethene	0.33	mg/kg	ND		ND		ND		ND	
1,1-Dichloropropene	NS	mg/kg	ND		ND		ND		ND	
1,2,3-Trichlorobenzene	NS	mg/kg	ND		ND		ND		ND	
1,2,3-Trichloropropane	NS	mg/kg	ND		ND		ND		ND	
1,2,4,5-Tetramethylbenzene	NS	mg/kg	ND		ND		ND		ND	
1,2,4-Trichlorobenzene	NS	mg/kg	ND		ND		ND		ND	
1,2,4-Trimethylbenzene	3.6	mg/kg	ND		ND		ND		ND	
1,2-Dibromo-3-chloropropane	NS	mg/kg	ND		ND		ND		ND	
1,2-Dibromoethane	NS	mg/kg	ND		ND		ND		ND	
1,2-Dichlorobenzene	1.1	mg/kg	ND		ND		ND		ND	
1,2-Dichloroethane	0.02	mg/kg	ND		ND		ND		ND	
1,2-Dichloroethene, Total	NS	mg/kg	0.0099		15		0.021		0.0074	
1,2-Dichloropropane	NS	mg/kg	ND		ND		ND		ND	
1,3,5-Trimethylbenzene	8.4	mg/kg	ND		ND		ND		ND	
1,3-Dichlorobenzene	2.4	mg/kg	ND		ND		ND		ND	
1,3-Dichloropropane	NS	mg/kg	ND		ND		ND		ND	
1,3-Dichloropropene, Total	NS	mg/kg	ND		ND		ND		ND	
1,4-Dichlorobenzene	1.8	mg/kg	ND		ND		ND		ND	
1,4-Dioxane	0.1	mg/kg	ND		ND		ND		ND	
2,2-Dichloropropane	NS	mg/kg	ND		ND		ND		ND	
2-Butanone	0.12	mg/kg	ND		ND		ND		ND	
2-Hexanone	NS	mg/kg	ND		ND		ND		ND	
4-Methyl-2-pentanone	NS	mg/kg	ND		ND		ND		ND	
Acetone	0.05	mg/kg	ND		ND		ND		ND	
Acrylonitrile	NS	mg/kg	ND		ND		ND		ND	
Benzene	0.06	mg/kg	ND		ND		ND		ND	
Bromobenzene	NS	mg/kg	ND		ND		ND		ND	
Bromochloromethane	NS	mg/kg	ND		ND		ND		ND	
Bromodichloromethane	NS	mg/kg	ND		ND		ND		ND	
Bromoform	NS	mg/kg	ND		ND		ND		ND	
Bromomethane	NS	mg/kg	ND		ND		ND		ND	
Carbon disulfide	NS	mg/kg	ND		ND		ND		ND	
Carbon tetrachloride	0.76	mg/kg	ND		ND		ND		ND	
Chlorobenzene	1.1	mg/kg	ND		ND		ND		ND	
Chloroethane	NS	mg/kg	ND		ND		ND		ND	
Chloroform	0.37	mg/kg	ND		ND		ND		ND	

Table 3. Soil Delineation Sampling Analytical Results
2925 Westchester Avenue
Bronx, NY

CLIENT SAMPLE ID	NY-PGW	Units	SB-5-W2 (1-2)		SB-5-S (0-1)		SB-5-S (1-2)		SB-5-S (2-3)	
SAMPLING DATE			2/27/2020		2/27/2020		2/27/2020		2/27/2020	
LAB SAMPLE ID			L2008988-18		L2008988-20		L2008988-21		L2008988-22	
				Qual		Qual		Qual		Qual
Chloromethane	NS	mg/kg	ND		ND		ND		ND	
cis-1,2-Dichloroethene	0.25	mg/kg	0.0099		**15**		0.021		0.0074	
cis-1,3-Dichloropropene	NS	mg/kg	ND		ND		ND		ND	
Dibromochloromethane	NS	mg/kg	ND		ND		ND		ND	
Dibromomethane	NS	mg/kg	ND		ND		ND		ND	
Dichlorodifluoromethane	NS	mg/kg	ND		ND		ND		ND	
Ethyl ether	NS	mg/kg	ND		ND		ND		ND	
Ethylbenzene	1	mg/kg	ND		ND		ND		ND	
Hexachlorobutadiene	NS	mg/kg	ND		ND		ND		ND	
Isopropylbenzene	NS	mg/kg	ND		ND		ND		ND	
Methyl tert butyl ether	0.93	mg/kg	ND		ND		ND		ND	
Methylene chloride	0.05	mg/kg	ND		ND		ND		ND	
n-Butylbenzene	12	mg/kg	ND		ND		ND		ND	
n-Propylbenzene	3.9	mg/kg	ND		ND		ND		ND	
Naphthalene	12	mg/kg	ND		ND		ND		ND	
o-Chlorotoluene	NS	mg/kg	ND		ND		ND		ND	
o-Xylene	NS	mg/kg	ND		ND		ND		ND	
p-Chlorotoluene	NS	mg/kg	ND		ND		ND		ND	
p-Diethylbenzene	NS	mg/kg	ND		ND		ND		ND	
p-Ethyltoluene	NS	mg/kg	ND		ND		ND		ND	
p-Isopropyltoluene	NS	mg/kg	ND		ND		ND		ND	
p/m-Xylene	NS	mg/kg	ND		ND		ND		ND	
sec-Butylbenzene	11	mg/kg	ND		ND		ND		ND	
Styrene	NS	mg/kg	ND		ND		ND		ND	
tert-Butylbenzene	5.9	mg/kg	ND		ND		ND		ND	
Tetrachloroethene	1.3	mg/kg	0.033		**1.7**		0.0014		ND	
Toluene	0.7	mg/kg	ND		ND		ND		ND	
trans-1,2-Dichloroethene	0.19	mg/kg	ND		0.17		ND		ND	
trans-1,3-Dichloropropene	NS	mg/kg	ND		ND		ND		ND	
trans-1,4-Dichloro-2-butene	NS	mg/kg	ND		ND		ND		ND	
Trichloroethene	0.47	mg/kg	0.0089		**1.3**		0.00025	J	ND	
Trichlorofluoromethane	NS	mg/kg	ND		ND		ND		ND	
Vinyl acetate	NS	mg/kg	ND		ND		ND		ND	
Vinyl chloride	0.02	mg/kg	ND		**0.25**		0.0015		0.00042	J
Xylenes, Total	1.6	mg/kg	ND		ND		ND		ND	

Notes:

Bold and shaded yellow value indicates concentration exceeds NY-PGW SCOs

NY-PGW = 6 NYCRR Part 375 Restricted Protection of Groundwater Soil Cleanup Objectives

J = Estimated value

ND = Not detected

NS = No standard

Table 4. Volatile Organic Compounds in Groundwater
2921 Westchester Avenue
Bronx, NY

CLIENT SAMPLE ID	NY-AWQS	Units	MW-2		MW-1		MW-3	
SAMPLING DATE			10/4/2019		10/4/2019		11/12/2019	
LAB SAMPLE ID			L1946362-01		L1946362-02		L1953890-01	
				Qual		Qual		Qual
Volatile Organics by GC/MS								
1,1,1,2-Tetrachloroethane	5	ug/l	ND		ND		ND	
1,1,1-Trichloroethane	5	ug/l	ND		ND		ND	
1,1,2,2-Tetrachloroethane	5	ug/l	ND		ND		ND	
1,1,2-Trichloroethane	1	ug/l	ND		ND		ND	
1,1-Dichloroethane	5	ug/l	ND		ND		ND	
1,1-Dichloroethene	5	ug/l	ND		ND		ND	
1,1-Dichloropropene	5	ug/l	ND		ND		ND	
1,2,3-Trichlorobenzene	5	ug/l	ND		ND		ND	
1,2,3-Trichloropropane	0.04	ug/l	ND		ND		ND	
1,2,4,5-Tetramethylbenzene	5	ug/l	ND		ND		ND	
1,2,4-Trichlorobenzene	5	ug/l	ND		ND		ND	
1,2,4-Trimethylbenzene	5	ug/l	ND		ND		ND	
1,2-Dibromo-3-chloropropane	0.04	ug/l	ND		ND		ND	
1,2-Dibromoethane	0.0006	ug/l	ND		ND		ND	
1,2-Dichlorobenzene	3	ug/l	ND		ND		ND	
1,2-Dichloroethane	0.6	ug/l	ND		ND		ND	
1,2-Dichloroethene, Total	NS	ug/l	ND		ND		210	
1,2-Dichloropropane	1	ug/l	ND		ND		ND	
1,3,5-Trimethylbenzene	5	ug/l	ND		ND		ND	
1,3-Dichlorobenzene	3	ug/l	ND		ND		ND	
1,3-Dichloropropane	5	ug/l	ND		ND		ND	
1,3-Dichloropropene, Total	NS	ug/l	ND		ND		ND	
1,4-Dichlorobenzene	3	ug/l	ND		ND		ND	
1,4-Dioxane	NS	ug/l	ND		ND		ND	
2,2-Dichloropropane	5	ug/l	ND		ND		ND	
2-Butanone	50	ug/l	ND		ND		ND	
2-Hexanone	50	ug/l	ND		ND		ND	
4-Methyl-2-pentanone	NS	ug/l	ND		ND		ND	
Acetone	50	ug/l	6		1.5	J	ND	
Acrylonitrile	5	ug/l	ND		ND		ND	
Benzene	1	ug/l	ND		ND		ND	
Bromobenzene	5	ug/l	ND		ND		ND	
Bromochloromethane	5	ug/l	ND		ND		ND	
Bromodichloromethane	50	ug/l	ND		ND		ND	
Bromoform	50	ug/l	ND		ND		ND	
Bromomethane	5	ug/l	ND		ND		ND	
Carbon disulfide	60	ug/l	ND		ND		ND	
Carbon tetrachloride	5	ug/l	ND		ND		ND	
Chlorobenzene	5	ug/l	ND		ND		ND	
Chloroethane	5	ug/l	ND		ND		ND	
Chloroform	7	ug/l	ND		ND		ND	
Chloromethane	NS	ug/l	ND		ND		ND	
cis-1,2-Dichloroethene	5	ug/l	ND		ND		**210**	
cis-1,3-Dichloropropene	0.4	ug/l	ND		ND		ND	
Dibromochloromethane	50	ug/l	ND		ND		ND	
Dibromomethane	5	ug/l	ND		ND		ND	
Dichlorodifluoromethane	5	ug/l	ND		ND		ND	
Ethyl ether	NS	ug/l	ND		ND		ND	
Ethylbenzene	5	ug/l	ND		ND		ND	
Hexachlorobutadiene	0.5	ug/l	ND		ND		ND	
Isopropylbenzene	5	ug/l	ND		ND		ND	
Methyl tert butyl ether	10	ug/l	ND		ND		ND	
Methylene chloride	5	ug/l	ND		ND		ND	
n-Butylbenzene	5	ug/l	ND		ND		ND	
n-Propylbenzene	5	ug/l	ND		ND		ND	
Naphthalene	10	ug/l	ND		ND		ND	
o-Chlorotoluene	5	ug/l	ND		ND		ND	
o-Xylene	5	ug/l	ND		ND		ND	
p-Chlorotoluene	5	ug/l	ND		ND		ND	
p-Diethylbenzene	NS	ug/l	ND		ND		ND	
p-Ethyltoluene	NS	ug/l	ND		ND		ND	
p-Isopropyltoluene	5	ug/l	ND		ND		ND	
p/m-Xylene	5	ug/l	ND		ND		ND	
sec-Butylbenzene	5	ug/l	ND		ND		ND	
Styrene	5	ug/l	ND		ND		ND	
tert-Butylbenzene	5	ug/l	ND		ND		ND	
Tetrachloroethene	5	ug/l	ND		1.2		**470**	
Toluene	5	ug/l	ND		ND		ND	
trans-1,2-Dichloroethene	5	ug/l	ND		ND		ND	
trans-1,3-Dichloropropene	0.4	ug/l	ND		ND		ND	
trans-1,4-Dichloro-2-butene	5	ug/l	ND		ND		ND	
Trichloroethene	5	ug/l	ND		ND		**79**	
Trichlorofluoromethane	5	ug/l	ND		ND		ND	
Vinyl acetate	NS	ug/l	ND		ND		ND	
Vinyl chloride	2	ug/l	ND		ND		0.54	J
Xylenes, Total	NS	ug/l	ND		ND		ND	

Notes:
Bold and shaded yellow value indicates concentration exceeds NY-AWQS
NY-AWQS = NYSDEC Division of Water Technical and Operational Guidance Series 1.1.1 Class GA Ambient Water Quality Standards
J = Estimated value
ND = Not detected
NS = No Standard

Attachment 1
Previous Investigation Documentation

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Phase II Environmental Site Assessment Report
2925 and 2931 Westchester Avenue
Bronx, New York

August 2019

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PHASE II ENVIRONMENTAL SITE ASSESSMENT
2925 AND 2931 WESTCHESTER AVENUE
BRONX, NEW YORK
AUGUST 2019
CASTLETON PROJECT NUMBER: AJPL1901

Table of Contents

1.0 INTRODUCTION

Castleton Environmental Geologic Services DPC (Castleton) has prepared the following Phase II Environmental Site Assessment (ESA) report to document the findings of the limited subsurface investigation performed at 2925 and 2931 Westchester Avenue, Bronx, New York (the site).

The objective of this investigation was to assess subsurface quality conditions in relation to former dry cleaning operations. The objective was met by the collection and laboratory analysis of sub-slab vapor and soil samples.

2.0 SITE BACKGROUND

The site is located at 2925-2931 Bronx, New York (Figure 1). The site consists of two (2) rectangular-shaped parcels with an estimated combined area of 0.50 acres. The site is developed with two (2) adjoining 2-story commercial buildings, each with partial basements. The buildings have an estimated combined gross floor area of 29,700 square feet. The buildings consist of eleven (11) commercial tenant spaces that are occupied by eight (8) commercial tenants (2925 Westchester Ave: Osvaldo #16 Barber Shop Corp., More Than a Tutor, Boost Mobile, and Tristate Interiors; 2931 Westchester Ave: Madison Security Group Inc., Bourbon Revival, Pruzzo's Supermarket, and Pilgrim Pharmacy). A review of the New York City Building Department property profile overview indicated that the buildings were constructed in 1931. The buildings occupy the majority of the parcels with minimal areas of exposed grounds or landscaped areas bordered by municipal walkways and right-of-ways.

A former tenant of the 2921 Westchester Avenue portion of the site, All Seasons Cleaners, is identified as a historic RCRA-SQG and RCRA-LQG of spent halogenated solvents from at least 1991 to 2006. Additionally, support posts were observed in the basement of 2921 Westchester Avenue, indicative of former dry-cleaning machines.

3.0 PHASE II ESA

The following scope of work was completed to assess if subsurface impacts are present from the former site usage as a dry cleaner.

Task	Objective
Sub-Slab Vapor Sampling	Characterize site sub-slab vapor quality in relation to former dry cleaning operations.

On-site work was completed on August 1, 2019. Sample collection locations are depicted on Figure 2.

The soil vapor investigation included the collection of sub-slab vapor samples from beneath the building slab within the 2921 Westchester Avenue unit basement. The assessment followed the

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New York State Department of Health (NYSDOH) *Guidance for Evaluating Soil Vapor Intrusion in the State of New York, October 2006*, where applicable.

Six vapor screening points were installed within the basement of the 2921 Westchester Avenue unit and the vapors from each point were screened with a photoionization detector (PID) for the presence of volatile organic compounds (VOCs) prior to sampling. PID readings were observed at 0.0 parts per million (ppm) in each point screened.

Three sub-slab vapor points were installed. Each sub-slab vapor point was installed by drilling a small diameter hole through the concrete floor and installing a temporary sampling implant comprised of dedicated tubing. The sampling implant was sealed to prevent ambient air from contaminating the sub-slab sample. Each sampling implant was purged of three volumes of air prior to sample collection.

Three sub-slab vapor samples (SSV01 through SSV03) were collected. Vapor samples were collected in laboratory supplied 6-liter SUMMA canisters fitted with two-hour regulators and set to a flow rate not to exceed 200 ml/minute.

Samples were submitted to York Analytical Laboratories of Stratford, CT a New York State Department of Health (NYSDOH) ELAP certified laboratory and analyzed for the presence of VOCs in air by USEPA Method TO-15.

4.0 ANALYTICAL RESULTS AND DATA DISCUSSION

NYSDOH decision matrices have been established for tetrachloroethylene (PCE), trichloroethylene (TCE), 1,1-dichloroethylene, cis-1,2-dichloroethylene, 1,1,1-trichloroethane (1,1,1-TCA), carbon tetrachloride, methylene chloride, and vinyl chloride to assist with the evaluation of sub-slab vapor sampling results. These chlorinated VOCs are related to dry cleaning chemicals and their breakdown products.

Matrix A is used for carbon tetrachloride, 1,1-dichloroethylene, cis-1,2-dichloroethylene, and TCE with a response threshold of 6 micrograms per cubic meter (ug/m^3) for sub-slab vapor concentrations. Matrix B is used for methylene chloride, PCE, and 1,1,1-TCA with a response threshold of 100 ug/m^3 for sub-slab vapor concentrations. Matrix C is used for vinyl chloride with a response threshold of 6 ug/m^3 for sub-slab vapor concentrations.

The following tables shows the concentrations of these VOCs reported in the sub-slab vapor samples:

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Sample ID	NYSDOH Vapor Thresholds	SSV01		SSV02		SSV03	
Compound							
Volatile Organics		ug/m3		ug/m3		ug/m3	
1,1,1-Trichloroethane	100	0.940	U	0.900	U	2.400	U
1,1-Dichloroethylene	6	0.170	U	0.160	U	0.430	U
Carbon tetrachloride	6	0.540	D	0.520	D	0.680	U
cis-1,2-Dichloroethylene	6	63	D	23	D	0.430	U
Methylene chloride	100	4.900	D	2	D	3.300	D
Tetrachloroethylene	100	230	D	100	D	0.740	U
Trichloroethylene	6	33	D	11	D	0.580	U
Vinyl Chloride	6	1.100	D	0.420	D	0.280	U

Notes:
-ug/m3 = micrograms per cubic meter
-ND = result reported as non-detect

PCE, TCE and cis-1,2-dichloroethylene were reported above NYSDOH threshold values for vapor. In particular, the recommendation is to mitigate for the elevated concentration of cis-1,2-dichloroethylene above 60 ug/m^3 as well as a source investigation to determine if soil and/or groundwater have been impacted that would require remediation prior to the selection of mitigation measures. Additionally, indoor air quality testing is recommended determine if a soil vapor intrusion condition exists once the mitigation measure has been completed.

Analytical reports from the laboratory are provided in Appendix A. The NYSDOH matrices are included in Appendix B. A vapor results analytical summary table is included as Table 1.

5.0 CONCLUSIONS AND RECOMMENDATIONS

Castleton has prepared this Phase II ESA report to document the findings of the limited subsurface investigation performed at 2925 and 2931 Westchester Avenue, Bronx, New York.

The objective of this investigation was to assess subsurface quality conditions in relation to former dry cleaning operations. The objective was met by the collection and laboratory analysis of sub-slab vapor and soil samples.

Three sub-slab vapor samples were collected within the 2921 Westchester Avenue unit basement and laboratory analyzed.

PCE, TCE and cis-1,2-dichloroethylene were reported above NYSDOH threshold values for vapor. In particular, the recommendation is to mitigate for the elevated concentration of cis-1,2-dichloroethylene above 60 ug/m^3 as well as a source investigation to determine if soil and/or groundwater have been impacted that would require remediation prior to the selection of

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mitigation measures. Additionally, indoor air quality testing is recommended determine if a soil vapor intrusion condition exists once the mitigation measure has been completed.

6.0 SIGNATURES OF ENVIRONMENTAL PROFESSIONALS

Frank P. Castellano, PG
Principal

Jessica Ferngren, PG
Sr. Project Manager

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FIGURES

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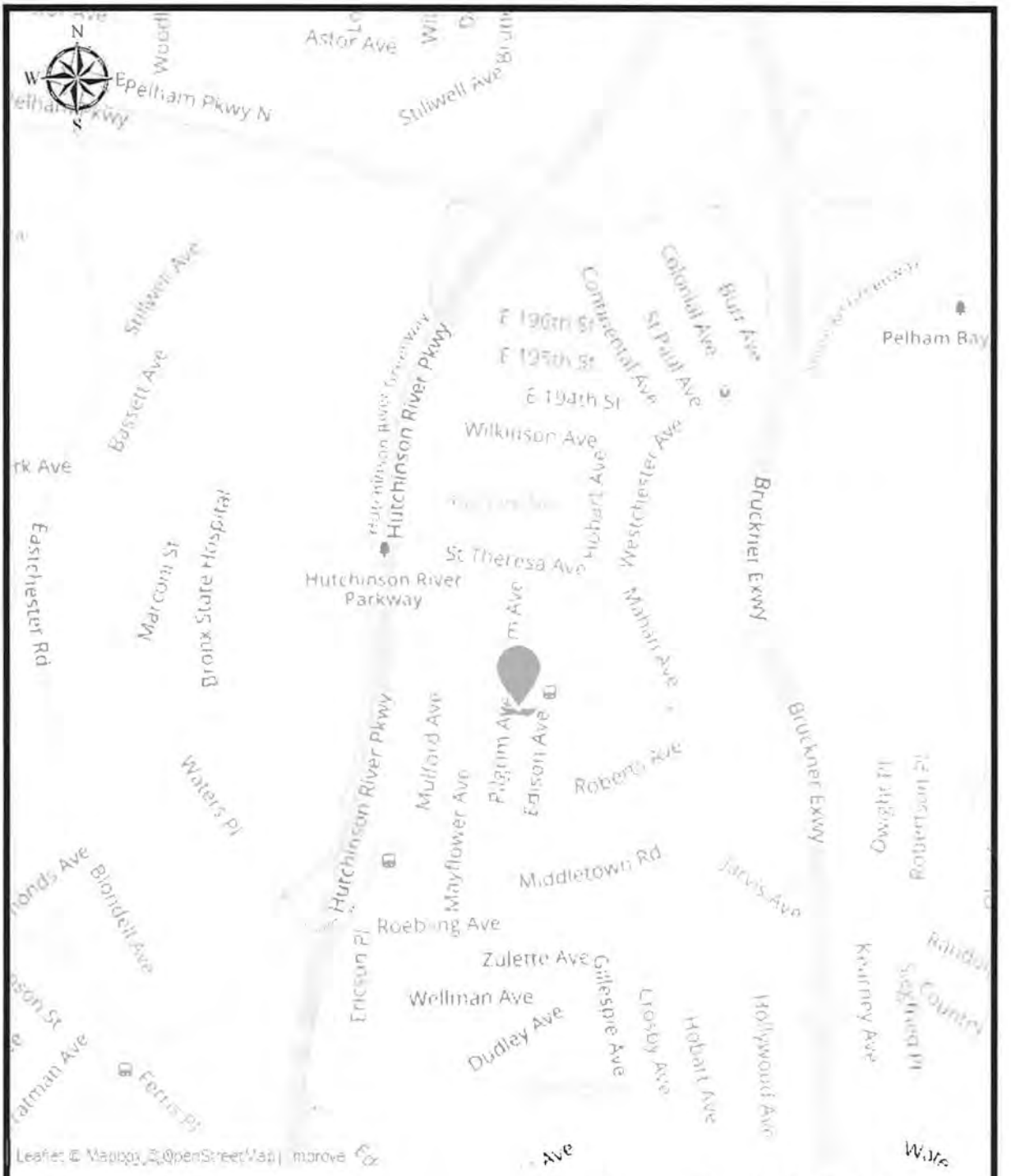

Figure 1 – Vicinity Map

2925 and 2931 Westchester Avenue

Bronx, New York

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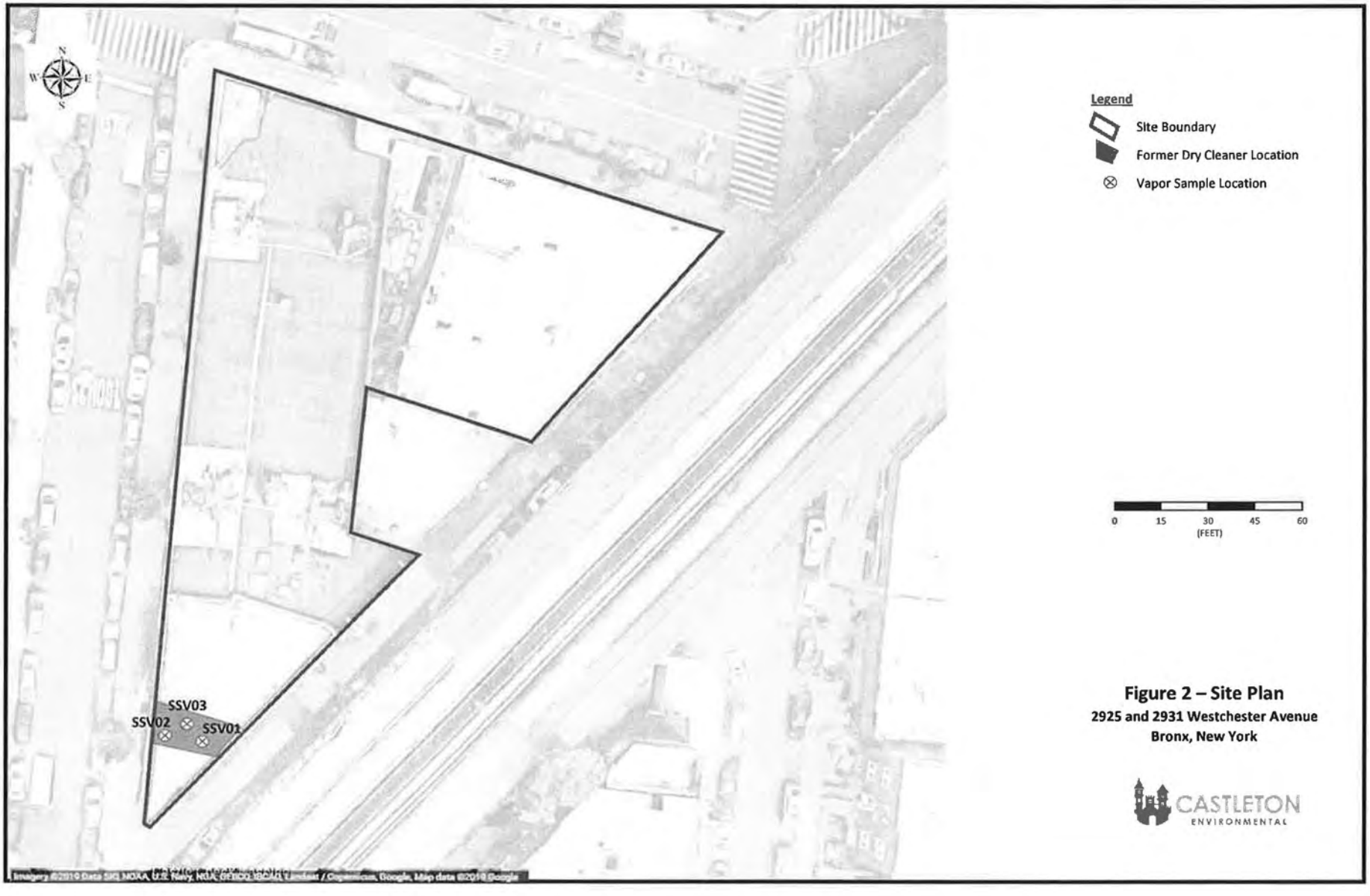

Figure 2 – Site Plan
2925 and 2931 Westchester Avenue
Bronx, New York

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TABLES

TABLE 1
VAPOR ANALYTICAL RESULTS

2925 AND 2931 WESTCHESTER AVENUE, BRONX, NEW YORK

Sample ID		SSV01		SSV02		SSV03	
York ID		19H0064-01		19H0064-02		19H0064-03	
Sampling Date		8/1/2019 10:20:00 AM		8/1/2019 10:25:00 AM		8/1/2019 10:30:00 AM	
Client Matrix		Soil Vapor		Soil Vapor		Soil Vapor	
Compound	CAS Number	Result	Q	Result	Q	Result	Q
Volatile Organics, EPA TO15 Full List		ug/m3		ug/m3		ug/m3	
Dilution Factor		1.725		1.643		4.345	
1,1,1,2-Tetrachloroethane	630-20-6	1.200	U	1.100	U	3	U
1,1,1-Trichloroethane	71-55-6	0.940	U	0.900	U	2.400	U
1,1,2,2-Tetrachloroethane	79-34-5	1.200	U	1.100	U	3	U
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	76-13-1	1.300	U	1.300	U	3.300	U
1,1,2-Trichloroethane	79-00-5	0.940	U	0.900	U	2.400	U
1,1-Dichloroethane	75-34-3	0.700	U	0.660	U	1.800	U
1,1-Dichloroethylene	75-35-4	0.170	U	0.160	U	0.430	U
1,2,4-Trichlorobenzene	120-82-1	1.300	U	1.200	U	24	D
1,2,4-Trimethylbenzene	95-63-6	1.800	D	0.810	U	2.100	U
1,2-Dibromoethane	106-93-4	1.300	U	1.300	U	3.300	U
1,2-Dichlorobenzene	95-50-1	1	U	0.990	U	2.600	U
1,2-Dichloroethane	107-06-2	0.700	U	0.660	U	1.800	U
1,2-Dichloropropane	78-87-5	0.800	U	0.760	U	2	U
1,2-Dichlorotetrafluoroethane	76-14-2	1.200	U	1.100	U	3	U
1,3,5-Trimethylbenzene	108-67-8	0.850	U	0.810	U	2.100	U
1,3-Butadiene	106-99-0	1.100	U	1.100	U	2.900	U
1,3-Dichlorobenzene	541-73-1	1	U	0.990	U	2.600	U
1,3-Dichloropropane	142-28-9	0.800	U	0.760	U	2	U
1,4-Dichlorobenzene	106-46-7	1	U	0.990	U	2.600	U
1,4-Dioxane	123-91-1	1.200	U	1.200	U	3.100	U
2-Butanone	78-93-3	0.660	D	0.780	D	1.300	D
2-Hexanone	591-78-6	1.400	U	1.300	U	3.600	U
3-Chloropropene	107-05-1	2.700	U	2.600	U	6.800	U
4-Methyl-2-pentanone	108-10-1	0.710	U	0.670	U	1.800	U
Acetone	67-64-1	9.600	D	6.700	D	55	D
Acrylonitrile	107-13-1	0.370	U	0.360	U	0.940	U
Benzene	71-43-2	0.660	D	0.580	D	1.900	D
Benzyl chloride	100-44-7	0.890	U	0.850	U	2.200	U
Bromodichloromethane	75-27-4	1.200	U	1.100	U	2.900	U
Bromoform	75-25-2	1.800	U	1.700	U	4.500	U
Bromomethane	74-83-9	0.670	U	0.640	U	1.700	U
Carbon disulfide	75-15-0	0.700	D	0.510	U	1.400	U
Carbon tetrachloride	56-23-5	0.540	D	0.520	D	0.680	U
Chlorobenzene	108-90-7	0.790	U	0.760	U	2	U
Chloroethane	75-00-3	0.460	U	0.430	U	1.100	U
Chloroform	67-66-3	5.100	D	3	D	2.100	U
Chloromethane	74-87-3	0.750	D	1	D	1.700	D
cis-1,2-Dichloroethylene	156-59-2	63	D	23	D	0.430	U
cis-1,3-Dichloropropylene	10061-01-5	0.780	U	0.750	U	2	U
Cyclohexane	110-82-7	0.590	U	0.570	U	1.500	U
Dibromochloromethane	124-48-1	1.500	U	1.400	U	3.700	U
Dichlorodifluoromethane	75-71-8	2.200	D	2	D	2.100	U
Ethyl acetate	141-78-6	1.200	U	1.200	U	3.100	U
Ethyl Benzene	100-41-4	0.750	U	0.710	U	1.900	U
Hexachlorobutadiene	87-68-3	1.800	U	1.800	U	4.600	U
Isopropanol	67-63-0	0.850	U	0.810	U	13	D
Methyl Methacrylate	80-62-6	1.200	D	0.670	U	1.800	U
Methyl tert-butyl ether (MTBE)	1634-04-4	0.620	U	0.590	U	1.600	U
Methylene chloride	75-09-2	4.900	D	2	D	3.300	D
n-Heptane	142-82-5	0.710	U	0.670	U	1.800	U
n-Hexane	110-54-3	0.610	U	0.580	U	1.500	U
o-Xylene	95-47-6	1.600	D	0.710	U	1.900	U
p- & m- Xylenes	179601-23-1	2.400	D	1.400	U	3.800	U
p-Ethyltoluene	622-96-8	1.100	D	0.810	U	2.100	U
Propylene	115-07-1	0.300	U	0.280	U	1.100	D
Styrene	100-42-5	0.880	D	0.700	U	1.900	U
Tetrachloroethylene	127-18-4	230	D	100	D	0.740	U
Tetrahydrofuran	109-99-9	1	U	0.970	U	2.600	U
Toluene	108-88-3	2.800	D	1.500	D	6.400	D
trans-1,2-Dichloroethylene	156-60-5	23	D	3.200	D	2.800	D
trans-1,3-Dichloropropylene	10061-02-6	0.780	U	0.750	U	2	U
Trichloroethylene	79-01-6	33	D	11	D	0.580	U
Trichlorofluoromethane (Freon 11)	75-69-4	1.600	D	1.600	D	2.400	U
Vinyl acetate	108-05-4	0.610	U	0.580	U	1.500	U
Vinyl bromide	593-60-2	0.750	U	0.720	U	1.900	U
Vinyl Chloride	75-01-4	1.100	D	0.420	D	0.280	U

NOTES:
Any Regulatory Exceedences are color coded by Regulation

Q is the Qualifier Column with definitions as follows:
D=result is from an analysis that required a dilution
J=analyte detected at or above the MDL (method detection limit) but below the RL (Reporting Limit) - data is estimated
U=analyte not detected at or above the level indicated
B=analyte found in the analysis batch blank
E=result is estimated and cannot be accurately reported due to levels encountered or interferences
NT=this indicates the analyte was not a target for this sample
~=this indicates that no regulatory limit has been established for this analyte

CASTLETON
ENVIRONMENTAL

APPENDIX A

54 George Street, Babylon Village, NY 11702 | 206 West 23rd Street, 4th Floor, New York, NY 10011
631-482-1818 Office | 631-321-4349 Fax
www.castletonenv.com

Technical Report

prepared for:

Castleton Environmental
54 George Street
Babylon NY, 11702
Attention: Jessica Ferngren

Report Date: 08/06/2019
Client Project ID: AJPL1901
York Project (SDG) No.: 19H0064

Report Date: 08/06/2019
Client Project ID: AJPL1901
York Project (SDG) No.: 19H0064

Castleton Environmental
54 George Street
Babylon NY, 11702
Attention: Jessica Ferngren

Purpose and Results

This report contains the analytical data for the sample(s) identified on the attached chain-of-custody received in our laboratory on August 01, 2019 with a temperature of C. The project was identified as your project: **AJPL1901.**

The analyses were conducted utilizing appropriate EPA, Standard Methods, and ASTM methods as detailed in the data summary tables.

All samples were received in proper condition meeting the customary acceptance requirements for environmental samples except those indicated under the Sample and Analysis Qualifiers section of this report.

All analyses met the method and laboratory standard operating procedure requirements except as indicated by any data flags, the meaning of which are explained in the Sample and Data Qualifiers Relating to This Work Order section of this report and case narrative if applicable.

The results of the analyses, which are all reported on dry weight basis (soils) unless otherwise noted, are detailed in the following pages.

Please contact Client Services at 203.325.1371 with any questions regarding this report.

York Sample ID	Client Sample ID	Matrix	Date Collected	Date Received
19H0064-01	SSV01	Soil Vapor	08/01/2019	08/01/2019
19H0064-02	SSV02	Soil Vapor	08/01/2019	08/01/2019
19H0064-03	SSV03	Soil Vapor	08/01/2019	08/01/2019

General Notes for York Project (SDG) No.: 19H0064

1. The RLs and MDLs (Reporting Limit and Method Detection Limit respectively) reported are adjusted for any dilution necessary due to the levels of target and/or non-target analytes and matrix interference. The RL(REPORTING LIMIT) is based upon the lowest standard utilized for the calibration where applicable.
2. Samples are retained for a period of thirty days after submittal of report, unless other arrangements are made.
3. York's liability for the above data is limited to the dollar value paid to York for the referenced project.
4. This report shall not be reproduced without the written approval of York Analytical Laboratories, Inc.
5. All analyses conducted met method or Laboratory SOP requirements. See the Sample and Data Qualifiers Section for further information.
6. It is noted that no analyses reported herein were subcontracted to another laboratory, unless noted in the report.
7. This report reflects results that relate only to the samples submitted on the attached chain-of-custody form(s) received by York.
8. Analyses conducted at York Analytical Laboratories, Inc. Stratford, CT are indicated by NY Cert. No. 10854; those conducted at York Analytical Laboratories, Inc., Richmond Hill, NY are indicated by NY Cert. No. 12058.

Approved By: 

Date: 08/06/2019

Benjamin Gulizia
Laboratory Director

Sample Information

Client Sample ID: SSV01 **York Sample ID:** 19H0064-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
19H0064	AJPL1901	Soil Vapor	August 1, 2019 10:20 am	08/01/2019

Volatile Organics, EPA TO15 Full List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA TO15 PREP

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	* 1,1,1,2-Tetrachloroethane	ND		ug/m³	1.2	1.725	EPA TO-15 Certifications:	08/02/2019 09:00	08/03/2019 05:56	AS
71-55-6	1,1,1-Trichloroethane	ND		ug/m³	0.94	1.725	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	08/02/2019 09:00	08/03/2019 05:56	AS
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/m³	1.2	1.725	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	08/02/2019 09:00	08/03/2019 05:56	AS
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/m³	1.3	1.725	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	08/02/2019 09:00	08/03/2019 05:56	AS
79-00-5	1,1,2-Trichloroethane	ND		ug/m³	0.94	1.725	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	08/02/2019 09:00	08/03/2019 05:56	AS
75-34-3	1,1-Dichloroethane	ND		ug/m³	0.70	1.725	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	08/02/2019 09:00	08/03/2019 05:56	AS
75-35-4	1,1-Dichloroethylene	ND		ug/m³	0.17	1.725	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	08/02/2019 09:00	08/03/2019 05:56	AS
120-82-1	1,2,4-Trichlorobenzene	ND		ug/m³	1.3	1.725	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	08/02/2019 09:00	08/03/2019 05:56	AS
95-63-6	**1,2,4-Trimethylbenzene**	**1.8**		ug/m³	0.85	1.725	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	08/02/2019 09:00	08/03/2019 05:56	AS
106-93-4	1,2-Dibromoethane	ND		ug/m³	1.3	1.725	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	08/02/2019 09:00	08/03/2019 05:56	AS
95-50-1	1,2-Dichlorobenzene	ND		ug/m³	1.0	1.725	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	08/02/2019 09:00	08/03/2019 05:56	AS
107-06-2	1,2-Dichloroethane	ND		ug/m³	0.70	1.725	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	08/02/2019 09:00	08/03/2019 05:56	AS
78-87-5	1,2-Dichloropropane	ND		ug/m³	0.80	1.725	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	08/02/2019 09:00	08/03/2019 05:56	AS
76-14-2	1,2-Dichlorotetrafluoroethane	ND		ug/m³	1.2	1.725	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	08/02/2019 09:00	08/03/2019 05:56	AS
108-67-8	1,3,5-Trimethylbenzene	ND		ug/m³	0.85	1.725	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	08/02/2019 09:00	08/03/2019 05:56	AS
106-99-0	1,3-Butadiene	ND		ug/m³	1.1	1.725	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	08/02/2019 09:00	08/03/2019 05:56	AS
541-73-1	1,3-Dichlorobenzene	ND		ug/m³	1.0	1.725	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	08/02/2019 09:00	08/03/2019 05:56	AS
142-28-9	* 1,3-Dichloropropane	ND		ug/m³	0.80	1.725	EPA TO-15 Certifications:	08/02/2019 09:00	08/03/2019 05:56	AS
106-46-7	1,4-Dichlorobenzene	ND		ug/m³	1.0	1.725	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	08/02/2019 09:00	08/03/2019 05:56	AS
123-91-1	1,4-Dioxane	ND		ug/m³	1.2	1.725	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	08/02/2019 09:00	08/03/2019 05:56	AS
78-93-3	**2-Butanone**	**0.66**		ug/m³	0.51	1.725	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	08/02/2019 09:00	08/03/2019 05:56	AS

Sample Information

Client Sample ID: SSV01 **York Sample ID:** 19H0064-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
19H0064	AJPL1901	Soil Vapor	August 1, 2019 10:20 am	08/01/2019

Volatile Organics, EPA TO15 Full List **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA TO15 PREP

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
591-78-6	* 2-Hexanone	ND		ug/m³	1.4	1.725	EPA TO-15 Certifications:	08/02/2019 09:00	08/03/2019 05:56	AS
107-05-1	3-Chloropropene	ND		ug/m³	2.7	1.725	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	08/02/2019 09:00	08/03/2019 05:56	AS
108-10-1	4-Methyl-2-pentanone	ND		ug/m³	0.71	1.725	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	08/02/2019 09:00	08/03/2019 05:56	AS
67-64-1	**Acetone**	**9.6**		ug/m³	0.82	1.725	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	08/02/2019 09:00	08/03/2019 05:56	AS
107-13-1	Acrylonitrile	ND		ug/m³	0.37	1.725	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	08/02/2019 09:00	08/03/2019 05:56	AS
71-43-2	**Benzene**	**0.66**		ug/m³	0.55	1.725	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	08/02/2019 09:00	08/03/2019 05:56	AS
100-44-7	Benzyl chloride	ND		ug/m³	0.89	1.725	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	08/02/2019 09:00	08/03/2019 05:56	AS
75-27-4	Bromodichloromethane	ND		ug/m³	1.2	1.725	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	08/02/2019 09:00	08/03/2019 05:56	AS
75-25-2	Bromoform	ND		ug/m³	1.8	1.725	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	08/02/2019 09:00	08/03/2019 05:56	AS
74-83-9	Bromomethane	ND		ug/m³	0.67	1.725	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	08/02/2019 09:00	08/03/2019 05:56	AS
75-15-0	**Carbon disulfide**	**0.70**		ug/m³	0.54	1.725	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	08/02/2019 09:00	08/03/2019 05:56	AS
56-23-5	**Carbon tetrachloride**	**0.54**		ug/m³	0.27	1.725	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	08/02/2019 09:00	08/03/2019 05:56	AS
108-90-7	Chlorobenzene	ND		ug/m³	0.79	1.725	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	08/02/2019 09:00	08/03/2019 05:56	AS
75-00-3	Chloroethane	ND		ug/m³	0.46	1.725	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	08/02/2019 09:00	08/03/2019 05:56	AS
67-66-3	**Chloroform**	**5.1**		ug/m³	0.84	1.725	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	08/02/2019 09:00	08/03/2019 05:56	AS
74-87-3	**Chloromethane**	**0.75**		ug/m³	0.36	1.725	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	08/02/2019 09:00	08/03/2019 05:56	AS
156-59-2	**cis-1,2-Dichloroethylene**	**63**		ug/m³	0.17	1.725	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	08/02/2019 09:00	08/03/2019 05:56	AS
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/m³	0.78	1.725	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	08/02/2019 09:00	08/03/2019 05:56	AS
110-82-7	Cyclohexane	ND		ug/m³	0.59	1.725	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	08/02/2019 09:00	08/03/2019 05:56	AS
124-48-1	Dibromochloromethane	ND		ug/m³	1.5	1.725	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	08/02/2019 09:00	08/03/2019 05:56	AS
75-71-8	**Dichlorodifluoromethane**	**2.2**		ug/m³	0.85	1.725	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	08/02/2019 09:00	08/03/2019 05:56	AS
141-78-6	* Ethyl acetate	ND		ug/m³	1.2	1.725	EPA TO-15 Certifications:	08/02/2019 09:00	08/03/2019 05:56	AS

Sample Information

Client Sample ID: SSV01 **York Sample ID:** 19H0064-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
19H0064	AJPL1901	Soil Vapor	August 1, 2019 10:20 am	08/01/2019

Volatile Organics, EPA TO15 Full List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA TO15 PREP

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
100-41-4	Ethyl Benzene	ND		ug/m³	0.75	1.725	EPA TO-15	08/02/2019 09:00	08/03/2019 05:56	AS
							Certifications:	NELAC-NY12058,NJDEP-Queens		
87-68-3	Hexachlorobutadiene	ND		ug/m³	1.8	1.725	EPA TO-15	08/02/2019 09:00	08/03/2019 05:56	AS
							Certifications:	NELAC-NY12058,NJDEP-Queens		
67-63-0	Isopropanol	ND		ug/m³	0.85	1.725	EPA TO-15	08/02/2019 09:00	08/03/2019 05:56	AS
							Certifications:	NELAC-NY12058,NJDEP-Queens		
80-62-6	**Methyl Methacrylate**	**1.2**		ug/m³	0.71	1.725	EPA TO-15	08/02/2019 09:00	08/03/2019 05:56	AS
							Certifications:	NELAC-NY12058,NJDEP-Queens		
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/m³	0.62	1.725	EPA TO-15	08/02/2019 09:00	08/03/2019 05:56	AS
							Certifications:	NELAC-NY12058,NJDEP-Queens		
75-09-2	**Methylene chloride**	**4.9**		ug/m³	1.2	1.725	EPA TO-15	08/02/2019 09:00	08/03/2019 05:56	AS
							Certifications:	NELAC-NY12058,NJDEP-Queens		
142-82-5	n-Heptane	ND		ug/m³	0.71	1.725	EPA TO-15	08/02/2019 09:00	08/03/2019 05:56	AS
							Certifications:	NELAC-NY12058,NJDEP-Queens		
110-54-3	n-Hexane	ND		ug/m³	0.61	1.725	EPA TO-15	08/02/2019 09:00	08/03/2019 05:56	AS
							Certifications:	NELAC-NY12058,NJDEP-Queens		
95-47-6	**o-Xylene**	**1.6**		ug/m³	0.75	1.725	EPA TO-15	08/02/2019 09:00	08/03/2019 05:56	AS
							Certifications:	NELAC-NY12058,NJDEP-Queens		
179601-23-1	**p- & m- Xylenes**	**2.4**		ug/m³	1.5	1.725	EPA TO-15	08/02/2019 09:00	08/03/2019 05:56	AS
							Certifications:	NELAC-NY12058,NJDEP-Queens		
622-96-8	*** p-Ethyltoluene**	**1.1**		ug/m³	0.85	1.725	EPA TO-15	08/02/2019 09:00	08/03/2019 05:56	AS
							Certifications:			
115-07-1	* Propylene	ND		ug/m³	0.30	1.725	EPA TO-15	08/02/2019 09:00	08/03/2019 05:56	AS
							Certifications:			
100-42-5	**Styrene**	**0.88**		ug/m³	0.73	1.725	EPA TO-15	08/02/2019 09:00	08/03/2019 05:56	AS
							Certifications:	NELAC-NY12058,NJDEP-Queens		
127-18-4	**Tetrachloroethylene**	**230**		ug/m³	0.29	1.725	EPA TO-15	08/02/2019 09:00	08/03/2019 05:56	AS
							Certifications:	NELAC-NY12058,NJDEP-Queens		
109-99-9	* Tetrahydrofuran	ND		ug/m³	1.0	1.725	EPA TO-15	08/02/2019 09:00	08/03/2019 05:56	AS
							Certifications:			
108-88-3	**Toluene**	**2.8**		ug/m³	0.65	1.725	EPA TO-15	08/02/2019 09:00	08/03/2019 05:56	AS
							Certifications:	NELAC-NY12058,NJDEP-Queens		
156-60-5	**trans-1,2-Dichloroethylene**	**23**		ug/m³	0.68	1.725	EPA TO-15	08/02/2019 09:00	08/03/2019 05:56	AS
							Certifications:	NELAC-NY12058,NJDEP-Queens		
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/m³	0.78	1.725	EPA TO-15	08/02/2019 09:00	08/03/2019 05:56	AS
							Certifications:	NELAC-NY12058,NJDEP-Queens		
79-01-6	**Trichloroethylene**	**33**		ug/m³	0.23	1.725	EPA TO-15	08/02/2019 09:00	08/03/2019 05:56	AS
							Certifications:	NELAC-NY12058,NJDEP-Queens		
75-69-4	**Trichlorofluoromethane (Freon 11)**	**1.6**		ug/m³	0.97	1.725	EPA TO-15	08/02/2019 09:00	08/03/2019 05:56	AS
							Certifications:	NELAC-NY12058,NJDEP-Queens		
108-05-4	Vinyl acetate	ND		ug/m³	0.61	1.725	EPA TO-15	08/02/2019 09:00	08/03/2019 05:56	AS
							Certifications:	NELAC-NY12058,NJDEP-Queens		
593-60-2	Vinyl bromide	ND		ug/m³	0.75	1.725	EPA TO-15	08/02/2019 09:00	08/03/2019 05:56	AS
							Certifications:	NELAC-NY12058,NJDEP-Queens		

Sample Information

Client Sample ID: SSV01 **York Sample ID:** 19H0064-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
19H0064	AJPL1901	Soil Vapor	August 1, 2019 10:20 am	08/01/2019

Volatile Organics, EPA TO15 Full List **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA TO15 PREP

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
75-01-4	**Vinyl Chloride**	**1.1**		ug/m³	0.11	1.725	EPA TO-15	08/02/2019 09:00	08/03/2019 05:56	AS
							Certifications: NELAC-NY12058,NJDEP-Queens			

	Surrogate Recoveries	Result	Acceptance Range
460-00-4	*Surrogate: SURR: p-Bromofluorobenzene*	*96.6 %*	*70-130*

Sample Information

Client Sample ID: SSV02 **York Sample ID:** 19H0064-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
19H0064	AJPL1901	Soil Vapor	August 1, 2019 10:25 am	08/01/2019

Volatile Organics, EPA TO15 Full List **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA TO15 PREP

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	* 1,1,1,2-Tetrachloroethane	ND		ug/m³	1.1	1.643	EPA TO-15	08/02/2019 09:00	08/03/2019 07:01	AS
							Certifications:			
71-55-6	1,1,1-Trichloroethane	ND		ug/m³	0.90	1.643	EPA TO-15	08/02/2019 09:00	08/03/2019 07:01	AS
							Certifications: NELAC-NY12058,NJDEP-Queens			
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/m³	1.1	1.643	EPA TO-15	08/02/2019 09:00	08/03/2019 07:01	AS
							Certifications: NELAC-NY12058,NJDEP-Queens			
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/m³	1.3	1.643	EPA TO-15	08/02/2019 09:00	08/03/2019 07:01	AS
							Certifications: NELAC-NY12058,NJDEP-Queens			
79-00-5	1,1,2-Trichloroethane	ND		ug/m³	0.90	1.643	EPA TO-15	08/02/2019 09:00	08/03/2019 07:01	AS
							Certifications: NELAC-NY12058,NJDEP-Queens			
75-34-3	1,1-Dichloroethane	ND		ug/m³	0.66	1.643	EPA TO-15	08/02/2019 09:00	08/03/2019 07:01	AS
							Certifications: NELAC-NY12058,NJDEP-Queens			
75-35-4	1,1-Dichloroethylene	ND		ug/m³	0.16	1.643	EPA TO-15	08/02/2019 09:00	08/03/2019 07:01	AS
							Certifications: NELAC-NY12058,NJDEP-Queens			
120-82-1	1,2,4-Trichlorobenzene	ND		ug/m³	1.2	1.643	EPA TO-15	08/02/2019 09:00	08/03/2019 07:01	AS
							Certifications: NELAC-NY12058,NJDEP-Queens			
95-63-6	1,2,4-Trimethylbenzene	ND		ug/m³	0.81	1.643	EPA TO-15	08/02/2019 09:00	08/03/2019 07:01	AS
							Certifications: NELAC-NY12058,NJDEP-Queens			
106-93-4	1,2-Dibromoethane	ND		ug/m³	1.3	1.643	EPA TO-15	08/02/2019 09:00	08/03/2019 07:01	AS
							Certifications: NELAC-NY12058,NJDEP-Queens			
95-50-1	1,2-Dichlorobenzene	ND		ug/m³	0.99	1.643	EPA TO-15	08/02/2019 09:00	08/03/2019 07:01	AS
							Certifications: NELAC-NY12058,NJDEP-Queens			
107-06-2	1,2-Dichloroethane	ND		ug/m³	0.66	1.643	EPA TO-15	08/02/2019 09:00	08/03/2019 07:01	AS
							Certifications: NELAC-NY12058,NJDEP-Queens			

Sample Information

Client Sample ID: SSV02 **York Sample ID:** 19H0064-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
19H0064	AJPL1901	Soil Vapor	August 1, 2019 10:25 am	08/01/2019

Volatile Organics, EPA TO15 Full List **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA TO15 PREP

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
78-87-5	1,2-Dichloropropane	ND		ug/m³	0.76	1.643	EPA TO-15	08/02/2019 09:00	08/03/2019 07:01	AS
							Certifications: NELAC-NY12058,NJDEP-Queens			
76-14-2	1,2-Dichlorotetrafluoroethane	ND		ug/m³	1.1	1.643	EPA TO-15	08/02/2019 09:00	08/03/2019 07:01	AS
							Certifications: NELAC-NY12058,NJDEP-Queens			
108-67-8	1,3,5-Trimethylbenzene	ND		ug/m³	0.81	1.643	EPA TO-15	08/02/2019 09:00	08/03/2019 07:01	AS
							Certifications: NELAC-NY12058,NJDEP-Queens			
106-99-0	1,3-Butadiene	ND		ug/m³	1.1	1.643	EPA TO-15	08/02/2019 09:00	08/03/2019 07:01	AS
							Certifications: NELAC-NY12058,NJDEP-Queens			
541-73-1	1,3-Dichlorobenzene	ND		ug/m³	0.99	1.643	EPA TO-15	08/02/2019 09:00	08/03/2019 07:01	AS
							Certifications: NELAC-NY12058,NJDEP-Queens			
142-28-9	* 1,3-Dichloropropane	ND		ug/m³	0.76	1.643	EPA TO-15	08/02/2019 09:00	08/03/2019 07:01	AS
							Certifications:			
106-46-7	1,4-Dichlorobenzene	ND		ug/m³	0.99	1.643	EPA TO-15	08/02/2019 09:00	08/03/2019 07:01	AS
							Certifications: NELAC-NY12058,NJDEP-Queens			
123-91-1	1,4-Dioxane	ND		ug/m³	1.2	1.643	EPA TO-15	08/02/2019 09:00	08/03/2019 07:01	AS
							Certifications: NELAC-NY12058,NJDEP-Queens			
78-93-3	**2-Butanone**	**0.78**		ug/m³	0.48	1.643	EPA TO-15	08/02/2019 09:00	08/03/2019 07:01	AS
							Certifications: NELAC-NY12058,NJDEP-Queens			
591-78-6	* 2-Hexanone	ND		ug/m³	1.3	1.643	EPA TO-15	08/02/2019 09:00	08/03/2019 07:01	AS
							Certifications:			
107-05-1	3-Chloropropene	ND		ug/m³	2.6	1.643	EPA TO-15	08/02/2019 09:00	08/03/2019 07:01	AS
							Certifications: NELAC-NY12058,NJDEP-Queens			
108-10-1	4-Methyl-2-pentanone	ND		ug/m³	0.67	1.643	EPA TO-15	08/02/2019 09:00	08/03/2019 07:01	AS
							Certifications: NELAC-NY12058,NJDEP-Queens			
67-64-1	**Acetone**	**6.7**		ug/m³	0.78	1.643	EPA TO-15	08/02/2019 09:00	08/03/2019 07:01	AS
							Certifications: NELAC-NY12058,NJDEP-Queens			
107-13-1	Acrylonitrile	ND		ug/m³	0.36	1.643	EPA TO-15	08/02/2019 09:00	08/03/2019 07:01	AS
							Certifications: NELAC-NY12058,NJDEP-Queens			
71-43-2	**Benzene**	**0.58**		ug/m³	0.52	1.643	EPA TO-15	08/02/2019 09:00	08/03/2019 07:01	AS
							Certifications: NELAC-NY12058,NJDEP-Queens			
100-44-7	Benzyl chloride	ND		ug/m³	0.85	1.643	EPA TO-15	08/02/2019 09:00	08/03/2019 07:01	AS
							Certifications: NELAC-NY12058,NJDEP-Queens			
75-27-4	Bromodichloromethane	ND		ug/m³	1.1	1.643	EPA TO-15	08/02/2019 09:00	08/03/2019 07:01	AS
							Certifications: NELAC-NY12058,NJDEP-Queens			
75-25-2	Bromoform	ND		ug/m³	1.7	1.643	EPA TO-15	08/02/2019 09:00	08/03/2019 07:01	AS
							Certifications: NELAC-NY12058,NJDEP-Queens			
74-83-9	Bromomethane	ND		ug/m³	0.64	1.643	EPA TO-15	08/02/2019 09:00	08/03/2019 07:01	AS
							Certifications: NELAC-NY12058,NJDEP-Queens			
75-15-0	Carbon disulfide	ND		ug/m³	0.51	1.643	EPA TO-15	08/02/2019 09:00	08/03/2019 07:01	AS
							Certifications: NELAC-NY12058,NJDEP-Queens			
56-23-5	**Carbon tetrachloride**	**0.52**		ug/m³	0.26	1.643	EPA TO-15	08/02/2019 09:00	08/03/2019 07:01	AS
							Certifications: NELAC-NY12058,NJDEP-Queens			
108-90-7	Chlorobenzene	ND		ug/m³	0.76	1.643	EPA TO-15	08/02/2019 09:00	08/03/2019 07:01	AS
							Certifications: NELAC-NY12058,NJDEP-Queens			

Sample Information

Client Sample ID: SSV02 **York Sample ID:** 19H0064-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
19H0064	AJPL1901	Soil Vapor	August 1, 2019 10:25 am	08/01/2019

Volatile Organics, EPA TO15 Full List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA TO15 PREP

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
75-00-3	Chloroethane	ND		ug/m³	0.43	1.643	EPA TO-15	08/02/2019 09:00	08/03/2019 07:01	AS
							Certifications: NELAC-NY12058,NJDEP-Queens			
67-66-3	**Chloroform**	3.0		ug/m³	0.80	1.643	EPA TO-15	08/02/2019 09:00	08/03/2019 07:01	AS
							Certifications: NELAC-NY12058,NJDEP-Queens			
74-87-3	**Chloromethane**	1.0		ug/m³	0.34	1.643	EPA TO-15	08/02/2019 09:00	08/03/2019 07:01	AS
							Certifications: NELAC-NY12058,NJDEP-Queens			
156-59-2	**cis-1,2-Dichloroethylene**	23		ug/m³	0.16	1.643	EPA TO-15	08/02/2019 09:00	08/03/2019 07:01	AS
							Certifications: NELAC-NY12058,NJDEP-Queens			
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/m³	0.75	1.643	EPA TO-15	08/02/2019 09:00	08/03/2019 07:01	AS
							Certifications: NELAC-NY12058,NJDEP-Queens			
110-82-7	Cyclohexane	ND		ug/m³	0.57	1.643	EPA TO-15	08/02/2019 09:00	08/03/2019 07:01	AS
							Certifications: NELAC-NY12058,NJDEP-Queens			
124-48-1	Dibromochloromethane	ND		ug/m³	1.4	1.643	EPA TO-15	08/02/2019 09:00	08/03/2019 07:01	AS
							Certifications: NELAC-NY12058,NJDEP-Queens			
75-71-8	**Dichlorodifluoromethane**	2.0		ug/m³	0.81	1.643	EPA TO-15	08/02/2019 09:00	08/03/2019 07:01	AS
							Certifications: NELAC-NY12058,NJDEP-Queens			
141-78-6	* Ethyl acetate	ND		ug/m³	1.2	1.643	EPA TO-15	08/02/2019 09:00	08/03/2019 07:01	AS
							Certifications:			
100-41-4	Ethyl Benzene	ND		ug/m³	0.71	1.643	EPA TO-15	08/02/2019 09:00	08/03/2019 07:01	AS
							Certifications: NELAC-NY12058,NJDEP-Queens			
87-68-3	Hexachlorobutadiene	ND		ug/m³	1.8	1.643	EPA TO-15	08/02/2019 09:00	08/03/2019 07:01	AS
							Certifications: NELAC-NY12058,NJDEP-Queens			
67-63-0	Isopropanol	ND		ug/m³	0.81	1.643	EPA TO-15	08/02/2019 09:00	08/03/2019 07:01	AS
							Certifications: NELAC-NY12058,NJDEP-Queens			
80-62-6	Methyl Methacrylate	ND		ug/m³	0.67	1.643	EPA TO-15	08/02/2019 09:00	08/03/2019 07:01	AS
							Certifications: NELAC-NY12058,NJDEP-Queens			
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/m³	0.59	1.643	EPA TO-15	08/02/2019 09:00	08/03/2019 07:01	AS
							Certifications: NELAC-NY12058,NJDEP-Queens			
75-09-2	**Methylene chloride**	2.0		ug/m³	1.1	1.643	EPA TO-15	08/02/2019 09:00	08/03/2019 07:01	AS
							Certifications: NELAC-NY12058,NJDEP-Queens			
142-82-5	n-Heptane	ND		ug/m³	0.67	1.643	EPA TO-15	08/02/2019 09:00	08/03/2019 07:01	AS
							Certifications: NELAC-NY12058,NJDEP-Queens			
110-54-3	n-Hexane	ND		ug/m³	0.58	1.643	EPA TO-15	08/02/2019 09:00	08/03/2019 07:01	AS
							Certifications: NELAC-NY12058,NJDEP-Queens			
95-47-6	o-Xylene	ND		ug/m³	0.71	1.643	EPA TO-15	08/02/2019 09:00	08/03/2019 07:01	AS
							Certifications: NELAC-NY12058,NJDEP-Queens			
179601-23-1	p- & m- Xylenes	ND		ug/m³	1.4	1.643	EPA TO-15	08/02/2019 09:00	08/03/2019 07:01	AS
							Certifications: NELAC-NY12058,NJDEP-Queens			
622-96-8	* p-Ethyltoluene	ND		ug/m³	0.81	1.643	EPA TO-15	08/02/2019 09:00	08/03/2019 07:01	AS
							Certifications:			
115-07-1	* Propylene	ND		ug/m³	0.28	1.643	EPA TO-15	08/02/2019 09:00	08/03/2019 07:01	AS
							Certifications:			
100-42-5	Styrene	ND		ug/m³	0.70	1.643	EPA TO-15	08/02/2019 09:00	08/03/2019 07:01	AS
							Certifications: NELAC-NY12058,NJDEP-Queens			

Sample Information

Client Sample ID: SSV02 **York Sample ID:** 19H0064-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
19H0064	AJPL1901	Soil Vapor	August 1, 2019 10:25 am	08/01/2019

Volatile Organics, EPA TO15 Full List **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA TO15 PREP

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
127-18-4	**Tetrachloroethylene**	**100**		ug/m³	0.28	1.643	EPA TO-15 Certifications:	08/02/2019 09:00 NELAC-NY12058,NJDEP-Queens	08/03/2019 07:01	AS
109-99-9	* Tetrahydrofuran	ND		ug/m³	0.97	1.643	EPA TO-15 Certifications:	08/02/2019 09:00	08/03/2019 07:01	AS
108-88-3	**Toluene**	**1.5**		ug/m³	0.62	1.643	EPA TO-15 Certifications:	08/02/2019 09:00 NELAC-NY12058,NJDEP-Queens	08/03/2019 07:01	AS
156-60-5	**trans-1,2-Dichloroethylene**	**3.2**		ug/m³	0.65	1.643	EPA TO-15 Certifications:	08/02/2019 09:00 NELAC-NY12058,NJDEP-Queens	08/03/2019 07:01	AS
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/m³	0.75	1.643	EPA TO-15 Certifications:	08/02/2019 09:00 NELAC-NY12058,NJDEP-Queens	08/03/2019 07:01	AS
79-01-6	**Trichloroethylene**	**11**		ug/m³	0.22	1.643	EPA TO-15 Certifications:	08/02/2019 09:00 NELAC-NY12058,NJDEP-Queens	08/03/2019 07:01	AS
75-69-4	**Trichlorofluoromethane (Freon 11)**	**1.6**		ug/m³	0.92	1.643	EPA TO-15 Certifications:	08/02/2019 09:00 NELAC-NY12058,NJDEP-Queens	08/03/2019 07:01	AS
108-05-4	Vinyl acetate	ND		ug/m³	0.58	1.643	EPA TO-15 Certifications:	08/02/2019 09:00 NELAC-NY12058,NJDEP-Queens	08/03/2019 07:01	AS
593-60-2	Vinyl bromide	ND		ug/m³	0.72	1.643	EPA TO-15 Certifications:	08/02/2019 09:00 NELAC-NY12058,NJDEP-Queens	08/03/2019 07:01	AS
75-01-4	**Vinyl Chloride**	**0.42**		ug/m³	0.10	1.643	EPA TO-15 Certifications:	08/02/2019 09:00 NELAC-NY12058,NJDEP-Queens	08/03/2019 07:01	AS

	Surrogate Recoveries	Result	Acceptance Range
460-00-4	*Surrogate: SURR: p-Bromofluorobenzene*	*92.3 %*	*70-130*

Sample Information

Client Sample ID: SSV03 **York Sample ID:** 19H0064-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
19H0064	AJPL1901	Soil Vapor	August 1, 2019 10:30 am	08/01/2019

Volatile Organics, EPA TO15 Full List **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA TO15 PREP

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	* 1,1,1,2-Tetrachloroethane	ND		ug/m³	3.0	4.345	EPA TO-15 Certifications:	08/05/2019 07:00	08/05/2019 12:39	AS
71-55-6	1,1,1-Trichloroethane	ND		ug/m³	2.4	4.345	EPA TO-15 Certifications:	08/05/2019 07:00 NELAC-NY12058,NJDEP-Queens	08/05/2019 12:39	AS
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/m³	3.0	4.345	EPA TO-15 Certifications:	08/05/2019 07:00 NELAC-NY12058,NJDEP-Queens	08/05/2019 12:39	AS
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/m³	3.3	4.345	EPA TO-15 Certifications:	08/05/2019 07:00 NELAC-NY12058,NJDEP-Queens	08/05/2019 12:39	AS

Sample Information

Client Sample ID: SSV03 **York Sample ID:** 19H0064-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
19H0064	AJPL1901	Soil Vapor	August 1, 2019 10:30 am	08/01/2019

Volatile Organics, EPA TO15 Full List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA TO15 PREP

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
79-00-5	1,1,2-Trichloroethane	ND		ug/m³	2.4	4.345	EPA TO-15	08/05/2019 07:00	08/05/2019 12:39	AS
							Certifications: NELAC-NY12058,NJDEP-Queens			
75-34-3	1,1-Dichloroethane	ND		ug/m³	1.8	4.345	EPA TO-15	08/05/2019 07:00	08/05/2019 12:39	AS
							Certifications: NELAC-NY12058,NJDEP-Queens			
75-35-4	1,1-Dichloroethylene	ND		ug/m³	0.43	4.345	EPA TO-15	08/05/2019 07:00	08/05/2019 12:39	AS
							Certifications: NELAC-NY12058,NJDEP-Queens			
120-82-1	**1,2,4-Trichlorobenzene**	24		ug/m³	3.2	4.345	EPA TO-15	08/05/2019 07:00	08/05/2019 12:39	AS
							Certifications: NELAC-NY12058,NJDEP-Queens			
95-63-6	1,2,4-Trimethylbenzene	ND		ug/m³	2.1	4.345	EPA TO-15	08/05/2019 07:00	08/05/2019 12:39	AS
							Certifications: NELAC-NY12058,NJDEP-Queens			
106-93-4	1,2-Dibromoethane	ND		ug/m³	3.3	4.345	EPA TO-15	08/05/2019 07:00	08/05/2019 12:39	AS
							Certifications: NELAC-NY12058,NJDEP-Queens			
95-50-1	1,2-Dichlorobenzene	ND		ug/m³	2.6	4.345	EPA TO-15	08/05/2019 07:00	08/05/2019 12:39	AS
							Certifications: NELAC-NY12058,NJDEP-Queens			
107-06-2	1,2-Dichloroethane	ND		ug/m³	1.8	4.345	EPA TO-15	08/05/2019 07:00	08/05/2019 12:39	AS
							Certifications: NELAC-NY12058,NJDEP-Queens			
78-87-5	1,2-Dichloropropane	ND		ug/m³	2.0	4.345	EPA TO-15	08/05/2019 07:00	08/05/2019 12:39	AS
							Certifications: NELAC-NY12058,NJDEP-Queens			
76-14-2	1,2-Dichlorotetrafluoroethane	ND		ug/m³	3.0	4.345	EPA TO-15	08/05/2019 07:00	08/05/2019 12:39	AS
							Certifications: NELAC-NY12058,NJDEP-Queens			
108-67-8	1,3,5-Trimethylbenzene	ND		ug/m³	2.1	4.345	EPA TO-15	08/05/2019 07:00	08/05/2019 12:39	AS
							Certifications: NELAC-NY12058,NJDEP-Queens			
106-99-0	1,3-Butadiene	ND		ug/m³	2.9	4.345	EPA TO-15	08/05/2019 07:00	08/05/2019 12:39	AS
							Certifications: NELAC-NY12058,NJDEP-Queens			
541-73-1	1,3-Dichlorobenzene	ND		ug/m³	2.6	4.345	EPA TO-15	08/05/2019 07:00	08/05/2019 12:39	AS
							Certifications: NELAC-NY12058,NJDEP-Queens			
142-28-9	* 1,3-Dichloropropane	ND		ug/m³	2.0	4.345	EPA TO-15	08/05/2019 07:00	08/05/2019 12:39	AS
							Certifications:			
106-46-7	1,4-Dichlorobenzene	ND		ug/m³	2.6	4.345	EPA TO-15	08/05/2019 07:00	08/05/2019 12:39	AS
							Certifications: NELAC-NY12058,NJDEP-Queens			
123-91-1	1,4-Dioxane	ND		ug/m³	3.1	4.345	EPA TO-15	08/05/2019 07:00	08/05/2019 12:39	AS
							Certifications: NELAC-NY12058,NJDEP-Queens			
78-93-3	**2-Butanone**	1.3		ug/m³	1.3	4.345	EPA TO-15	08/05/2019 07:00	08/05/2019 12:39	AS
							Certifications: NELAC-NY12058,NJDEP-Queens			
591-78-6	* 2-Hexanone	ND		ug/m³	3.6	4.345	EPA TO-15	08/05/2019 07:00	08/05/2019 12:39	AS
							Certifications:			
107-05-1	3-Chloropropene	ND		ug/m³	6.8	4.345	EPA TO-15	08/05/2019 07:00	08/05/2019 12:39	AS
							Certifications: NELAC-NY12058,NJDEP-Queens			
108-10-1	4-Methyl-2-pentanone	ND		ug/m³	1.8	4.345	EPA TO-15	08/05/2019 07:00	08/05/2019 12:39	AS
							Certifications: NELAC-NY12058,NJDEP-Queens			
67-64-1	**Acetone**	55	TO-LC S-H	ug/m³	2.1	4.345	EPA TO-15	08/05/2019 07:00	08/05/2019 12:39	AS
							Certifications: NELAC-NY12058,NJDEP-Queens			
107-13-1	Acrylonitrile	ND		ug/m³	0.94	4.345	EPA TO-15	08/05/2019 07:00	08/05/2019 12:39	AS
							Certifications: NELAC-NY12058,NJDEP-Queens			

Sample Information

Client Sample ID: SSV03 **York Sample ID:** 19H0064-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
19H0064	AJPL1901	Soil Vapor	August 1, 2019 10:30 am	08/01/2019

Volatile Organics, EPA TO15 Full List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA TO15 PREP

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
71-43-2	**Benzene**	1.9		ug/m³	1.4	4.345	EPA TO-15	08/05/2019 07:00	08/05/2019 12:39	AS
							Certifications: NELAC-NY12058,NJDEP-Queens			
100-44-7	Benzyl chloride	ND		ug/m³	2.2	4.345	EPA TO-15	08/05/2019 07:00	08/05/2019 12:39	AS
							Certifications: NELAC-NY12058,NJDEP-Queens			
75-27-4	Bromodichloromethane	ND		ug/m³	2.9	4.345	EPA TO-15	08/05/2019 07:00	08/05/2019 12:39	AS
							Certifications: NELAC-NY12058,NJDEP-Queens			
75-25-2	Bromoform	ND		ug/m³	4.5	4.345	EPA TO-15	08/05/2019 07:00	08/05/2019 12:39	AS
							Certifications: NELAC-NY12058,NJDEP-Queens			
74-83-9	Bromomethane	ND		ug/m³	1.7	4.345	EPA TO-15	08/05/2019 07:00	08/05/2019 12:39	AS
							Certifications: NELAC-NY12058,NJDEP-Queens			
75-15-0	Carbon disulfide	ND		ug/m³	1.4	4.345	EPA TO-15	08/05/2019 07:00	08/05/2019 12:39	AS
							Certifications: NELAC-NY12058,NJDEP-Queens			
56-23-5	Carbon tetrachloride	ND		ug/m³	0.68	4.345	EPA TO-15	08/05/2019 07:00	08/05/2019 12:39	AS
							Certifications: NELAC-NY12058,NJDEP-Queens			
108-90-7	Chlorobenzene	ND		ug/m³	2.0	4.345	EPA TO-15	08/05/2019 07:00	08/05/2019 12:39	AS
							Certifications: NELAC-NY12058,NJDEP-Queens			
75-00-3	Chloroethane	ND		ug/m³	1.1	4.345	EPA TO-15	08/05/2019 07:00	08/05/2019 12:39	AS
							Certifications: NELAC-NY12058,NJDEP-Queens			
67-66-3	Chloroform	ND		ug/m³	2.1	4.345	EPA TO-15	08/05/2019 07:00	08/05/2019 12:39	AS
							Certifications: NELAC-NY12058,NJDEP-Queens			
74-87-3	**Chloromethane**	1.7		ug/m³	0.90	4.345	EPA TO-15	08/05/2019 07:00	08/05/2019 12:39	AS
							Certifications: NELAC-NY12058,NJDEP-Queens			
156-59-2	cis-1,2-Dichloroethylene	ND		ug/m³	0.43	4.345	EPA TO-15	08/05/2019 07:00	08/05/2019 12:39	AS
							Certifications: NELAC-NY12058,NJDEP-Queens			
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/m³	2.0	4.345	EPA TO-15	08/05/2019 07:00	08/05/2019 12:39	AS
							Certifications: NELAC-NY12058,NJDEP-Queens			
110-82-7	Cyclohexane	ND		ug/m³	1.5	4.345	EPA TO-15	08/05/2019 07:00	08/05/2019 12:39	AS
							Certifications: NELAC-NY12058,NJDEP-Queens			
124-48-1	Dibromochloromethane	ND		ug/m³	3.7	4.345	EPA TO-15	08/05/2019 07:00	08/05/2019 12:39	AS
							Certifications: NELAC-NY12058,NJDEP-Queens			
75-71-8	Dichlorodifluoromethane	ND		ug/m³	2.1	4.345	EPA TO-15	08/05/2019 07:00	08/05/2019 12:39	AS
							Certifications: NELAC-NY12058,NJDEP-Queens			
141-78-6	* Ethyl acetate	ND		ug/m³	3.1	4.345	EPA TO-15	08/05/2019 07:00	08/05/2019 12:39	AS
							Certifications:			
100-41-4	Ethyl Benzene	ND		ug/m³	1.9	4.345	EPA TO-15	08/05/2019 07:00	08/05/2019 12:39	AS
							Certifications: NELAC-NY12058,NJDEP-Queens			
87-68-3	Hexachlorobutadiene	ND		ug/m³	4.6	4.345	EPA TO-15	08/05/2019 07:00	08/05/2019 12:39	AS
							Certifications: NELAC-NY12058,NJDEP-Queens			
67-63-0	**Isopropanol**	13		ug/m³	2.1	4.345	EPA TO-15	08/05/2019 07:00	08/05/2019 12:39	AS
							Certifications: NELAC-NY12058,NJDEP-Queens			
80-62-6	Methyl Methacrylate	ND		ug/m³	1.8	4.345	EPA TO-15	08/05/2019 07:00	08/05/2019 12:39	AS
							Certifications: NELAC-NY12058,NJDEP-Queens			
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/m³	1.6	4.345	EPA TO-15	08/05/2019 07:00	08/05/2019 12:39	AS
							Certifications: NELAC-NY12058,NJDEP-Queens			

Sample Information

Client Sample ID: SSV03 **York Sample ID:** 19H0064-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
19H0064	AJPL1901	Soil Vapor	August 1, 2019 10:30 am	08/01/2019

Volatile Organics, EPA TO15 Full List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA TO15 PREP

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
75-09-2	**Methylene chloride**	**3.3**		ug/m³	3.0	4.345	EPA TO-15	08/05/2019 07:00	08/05/2019 12:39	AS
							Certifications: NELAC-NY12058,NJDEP-Queens			
142-82-5	n-Heptane	ND		ug/m³	1.8	4.345	EPA TO-15	08/05/2019 07:00	08/05/2019 12:39	AS
							Certifications: NELAC-NY12058,NJDEP-Queens			
110-54-3	n-Hexane	ND		ug/m³	1.5	4.345	EPA TO-15	08/05/2019 07:00	08/05/2019 12:39	AS
							Certifications: NELAC-NY12058,NJDEP-Queens			
95-47-6	o-Xylene	ND		ug/m³	1.9	4.345	EPA TO-15	08/05/2019 07:00	08/05/2019 12:39	AS
							Certifications: NELAC-NY12058,NJDEP-Queens			
179601-23-1	p- & m- Xylenes	ND		ug/m³	3.8	4.345	EPA TO-15	08/05/2019 07:00	08/05/2019 12:39	AS
							Certifications: NELAC-NY12058,NJDEP-Queens			
622-96-8	* p-Ethyltoluene	ND		ug/m³	2.1	4.345	EPA TO-15	08/05/2019 07:00	08/05/2019 12:39	AS
							Certifications:			
115-07-1	*** Propylene**	**1.1**		ug/m³	0.75	4.345	EPA TO-15	08/05/2019 07:00	08/05/2019 12:39	AS
							Certifications:			
100-42-5	Styrene	ND		ug/m³	1.9	4.345	EPA TO-15	08/05/2019 07:00	08/05/2019 12:39	AS
							Certifications: NELAC-NY12058,NJDEP-Queens			
127-18-4	Tetrachloroethylene	ND		ug/m³	0.74	4.345	EPA TO-15	08/05/2019 07:00	08/05/2019 12:39	AS
							Certifications: NELAC-NY12058,NJDEP-Queens			
109-99-9	* Tetrahydrofuran	ND		ug/m³	2.6	4.345	EPA TO-15	08/05/2019 07:00	08/05/2019 12:39	AS
							Certifications:			
108-88-3	**Toluene**	**6.4**		ug/m³	1.6	4.345	EPA TO-15	08/05/2019 07:00	08/05/2019 12:39	AS
							Certifications: NELAC-NY12058,NJDEP-Queens			
156-60-5	**trans-1,2-Dichloroethylene**	**2.8**		ug/m³	1.7	4.345	EPA TO-15	08/05/2019 07:00	08/05/2019 12:39	AS
							Certifications: NELAC-NY12058,NJDEP-Queens			
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/m³	2.0	4.345	EPA TO-15	08/05/2019 07:00	08/05/2019 12:39	AS
							Certifications: NELAC-NY12058,NJDEP-Queens			
79-01-6	Trichloroethylene	ND		ug/m³	0.58	4.345	EPA TO-15	08/05/2019 07:00	08/05/2019 12:39	AS
							Certifications: NELAC-NY12058,NJDEP-Queens			
75-69-4	Trichlorofluoromethane (Freon 11)	ND		ug/m³	2.4	4.345	EPA TO-15	08/05/2019 07:00	08/05/2019 12:39	AS
							Certifications: NELAC-NY12058,NJDEP-Queens			
108-05-4	Vinyl acetate	ND		ug/m³	1.5	4.345	EPA TO-15	08/05/2019 07:00	08/05/2019 12:39	AS
							Certifications: NELAC-NY12058,NJDEP-Queens			
593-60-2	Vinyl bromide	ND		ug/m³	1.9	4.345	EPA TO-15	08/05/2019 07:00	08/05/2019 12:39	AS
							Certifications: NELAC-NY12058,NJDEP-Queens			
75-01-4	Vinyl Chloride	ND		ug/m³	0.28	4.345	EPA TO-15	08/05/2019 07:00	08/05/2019 12:39	AS
							Certifications: NELAC-NY12058,NJDEP-Queens			

	Surrogate Recoveries	Result	Acceptance Range
460-00-4	*Surrogate: SURR: p-Bromofluorobenzene*	*89.1 %*	*70-130*


YORK

Sample and Data Qualifiers Relating to This Work Order

TO-LCS-H The result reported for this compound may be biased high due to its behavior in the analysis batch LCS where it recovered greater than 130% of the expected value.

TO-CCV The value reported is ESTIMATED for this compound due to its behavior during continuing calibration verification (>30% Difference from initial calibration).

Definitions and Other Explanations

* Analyte is not certified or the state of the samples origination does not offer certification for the Analyte.

ND NOT DETECTED - the analyte is not detected at the Reported to level (LOQ/RL or LOD/MDL)

RL REPORTING LIMIT - the minimum reportable value based upon the lowest point in the analyte calibration curve.

LOQ LIMIT OF QUANTITATION - the minimum concentration of a target analyte that can be reported within a specified degree of confidence. This is the lowest point in an analyte calibration curve that has been subjected to all steps of the processing/analysis and verified to meet defined criteria. This is based upon NELAC 2009 Standards and applies to all analyses.

LOD LIMIT OF DETECTION - a verified estimate of the minimum concentration of a substance in a given matrix that an analytical process can reliably detect. This is based upon NELAC 2009 Standards and applies to all analyses conducted under the auspices of EPA SW-846.

MDL METHOD DETECTION LIMIT - a statistically derived estimate of the minimum amount of a substance an analytical system can reliably detect with a 99% confidence that the concentration of the substance is greater than zero. This is based upon 40 CFR Part 136 Appendix B and applies only to EPA 600 and 200 series methods.

Reported to This indicates that the data for a particular analysis is reported to either the LOD/MDL, or the LOQ/RL. In cases where the "Reported to" is located above the LOD/MDL, any value between this and the LOQ represents an estimated value which is "J" flagged accordingly. This applies to volatile and semi-volatile target compounds only.

NR Not reported

RPD Relative Percent Difference

Wet The data has been reported on an as-received (wet weight) basis

Low Bias Low Bias flag indicates that the recovery of the flagged analyte is below the laboratory or regulatory lower control limit. The data user should take note that this analyte may be biased low but should evaluate multiple lines of evidence including the LCS and site-specific MS/MSD data to draw bias conclusions. In cases where no site-specific MS/MSD was requested, only the LCS data can be used to evaluate such bias.

High Bias High Bias flag indicates that the recovery of the flagged analyte is above the laboratory or regulatory upper control limit. The data user should take note that this analyte may be biased high but should evaluate multiple lines of evidence including the LCS and site-specific MS/MSD data to draw bias conclusions. In cases where no site-specific MS/MSD was requested, only the LCS data can be used to evaluate such bias.

Non-Dir. Non-dir. flag (Non-Directional Bias) indicates that the Relative Percent Difference (RPD) (a measure of precision) among the MS and MSD data is outside the laboratory or regulatory control limit. This alerts the data user where the MS and MSD are from site-specific samples that the RPD is high due to either non-homogeneous distribution of target analyte between the MS/MSD or indicates poor reproducibility for other reasons.

If EPA SW-846 method 8270 is included herein it is noted that the target compound N-nitrosodiphenylamine (NDPA) decomposes in the gas chromatographic inlet and cannot be separated from diphenylamine (DPA). These results could actually represent 100% DPA, 100% NDPA or some combination of the two. For this reason, York reports the combined result for n-nitrosodiphenylamine and diphenylamine for either of these compounds as a combined concentration as Diphenylamine.

If Total PCBs are detected and the target aroclors reported are "Not detected", the Total PCB value is reported due to the presence of either or both Aroclors 1262 and 1268 which are non-target aroclors for some regulatory lists.

2-chloroethylvinyl ether readily breaks down under acidic conditions. Samples that are acid preserved, including standards will exhibit breakdown. The data user should take note.

Certification for pH is no longer offered by NYDOH ELAP.

Semi-Volatile and Volatile analyses are reported down to the LOD/MDL, with values between the LOD/MDL and the LOQ being "J" flagged as estimated results.

For analyses by EPA SW-846-8270D, the Limit of Quantitation (LOQ) reported for benzidine is based upon the lowest standard used for calibration and is not a verified LOQ due to this compound's propensity for oxidative losses during extraction/concentration procedures and non-reproducible chromatographic performance.

York Analytical Laboratories, Inc.
120 Research Drive, Stratford, CT 06615 | 132-02 89th Ave Queens, NY 11418
clientservices@yorklab.com
www.yorklab.com

Field Chain-of-Custody Record - AIR

NOTE: YORK's Standard Terms & Conditions are listed on the back side of this document. This document serves as your written authorization for YORK to proceed with the analyses requested below. Your signature binds you to YORK's Standard Terms & Conditions.

YORK Project No. 19#0064

Page 1 of 1

YOUR Information	Report To:	Invoice To:	YOUR Project Number	Turn-Around Time
Company: Castleton Env	Company: SAME	Company: SAME	AJPL1901	RUSH - Next Day
Address: 54 George St Babylon NY	Address:	Address:	YOUR Project Name: AJPL1901	RUSH - Two Day
Phone: 631-482-1844	Phone:	Phone:		RUSH - Three Day X
Contact: Jessica Lesniewski	Contact:	Contact:		RUSH - Four Day
E-mail: jessica@castletonenv.com	E-mail:	E-mail:	YOUR PO#:	Standard (5-7 Day)

Please print clearly and legibly. All information must be complete. Samples will not be logged in and the turn-around-time clock will not begin until any questions by YORK are resolved.

J Wesler

Samples Collected by: (print your name above and sign below)

JW

Air Matrix Codes	Samples From	Report / EDD Type (circle selections)			YORK Reg. Comp.
AI - Indoor Ambient Air	New York X	Summary Report	CT RCP	Standard Excel EDD	Compared to the following Regulation(s): (please fill in)
AO - Outdoor Amb. Air	New Jersey	QA Report	CT RCP DQA/DUE	EQuIS (Standard)	
AE - Vapor Extraction Well/ Process Gas/Effluent	Connecticut	NY ASP A Package	NJDEP Reduced Deliv.	NYSDEC EQuIS	
AS - Soil Vapor/Sub-Slab	Pennsylvania	NY ASP B Package	NJDKQP	NJDEP SRP HazSite	
	Other	Other:			

Certified Canisters: Batch ___ Individual ___

Please enter the following REQUIRED Field Data — **Reporting Units:** ug/m³ X ppbv ___ ppmv ___

Sample Identification	Date/Time Sampled	Air Matrix	Canister Vacuum Before Sampling (in Hg)	Canister Vacuum After Sampling (in Hg)	Canister ID	Flow Cont. ID	Analysis Requested
SSV01	8/1/19 1020	AS	-29	-7	15613	6867	TO-15
SSV02	8/1/19 1025	AS	-31	-9	23994	0862	TO-15
SSV03	8/1/19 1030	AS	-28	-21	24116	444	TO-15

Comments: 3 day Rush

Detection Limits Required
≤ 1 ug/m³ ___ NYSDEC V1 Limits X
Routine Survey ___ Other ___

Sampling Media
6 Liter Canister X
Tedlar Bag

Samples Relinquished by / Company	Date/Time	Samples Received by / Company	Date/Time	Samples Relinquished by / Company	Date/Time
J Wesler	8/1 1230	Allie Ventura YORK	8/1/19 12:30	Allie Ventura YORK	8/1/19
Samples Received by / Company	Date/Time	Samples Relinquished by / Company	Date/Time	Samples Received by / Company	Date/Time
[signature]	8-1-19 1000	[signature]	8-1-19		
Samples Relinquished by / Company	Date/Time	Samples Received by / Company	Date/Time	Samples Received in LAB by	Date/Time

CASTLETON
ENVIRONMENTAL

APPENDIX B

CASTLETON
ENVIRONMENTAL

Matrix A

Carbon tetrachloride, 1,1-dichloroethene, *cis*-1,2-dichloroethene, trichloroethene

Sub Slab Vapor Conc (ug/m³)		**Indoor Air Concentration (ug/m³)**		
		<0.2	0.2 to <1	1 and Above
	Result			
<6		No Further Action	No further Action	Identify Source(s) and Resample or Mitigate
6 to <60		No Further Action	Monitor	Mitigate
60 and above		Mitigate	Mitigate	Mitigate

Matrix B

Methylene Chloride, tetrachloroethene, 1,1,1-trichloroethane

Sub Slab Vapor Conc (ug/m³)		**Indoor Air Concentration (ug/m³)**		
		<3	3 to <10	10 and Above
	Result			
<100		No Further Action	No Further Action	Identify Source(s) and Resample or Mitigate
100 to <1,000		No Further Action	Monitor	Mitigate
1,000 and above		Mitigate	Mitigate	Mitigate

Matrix C

Vinyl Chloride

Sub Slab Vapor Conc (ug/m³) - PCE		**Indoor Air Concentration (ug/m³)**	
		<0.2	0.2 and Above
	Result		
<6		No Further Action	Identify Source(s) and Resample or Mitigate
6 to <60		Monitor	Mitigate
60 and above		Mitigate	Mitigate

Legend

- Site Boundary
- Former Dry Cleaner Location
- Vapor Sample Location

0 15 30 45 60
(FEET)

Figure 2 – Site Plan

2925 and 2931 Westchester Avenue
Bronx, New York

CASTLETON ENVIRONMENTAL

Technical Report

prepared for:

Castleton Environmental
54 George Street
Babylon NY, 11702
Attention: Jessica Ferngren

Report Date: 08/13/2019
Client Project ID: AJPL 1902
York Project (SDG) No.: 19H0456

TABLE
GROUNDWATER ANALYTICAL SUMMARY
2921 WESTCHESTER AVENUE, BRONX, NEW YORK

Sample ID		NYSDEC TOGS Standards and Guidance Values - GA	GW01		GW02		GW03	
York ID			19H0456-01		19H0456-02		19H0456-03	
Sampling Date			8/9/2019 11:20:00 AM		8/9/2019 11:50:00 AM		8/9/2019 12:00:00 PM	
Client Matrix			Water		Water		Water	
Compound	CAS Number		Result	Q	Result	Q	Result	Q
Volatile Organics, 8260 - Comprehensive		ug/L	ug/L		ug/L		ug/L	
Dilution Factor			2		2		2	
1,1,1,2-Tetrachloroethane	630-20-6	5	0.400	U	0.400	U	0.400	U
1,1,1-Trichloroethane	71-55-6	5	0.400	U	0.400	U	0.400	U
1,1,2,2-Tetrachloroethane	79-34-5	5	0.400	U	0.400	U	0.400	U
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	76-13-1	5	0.400	U	0.400	U	0.400	U
1,1,2-Trichloroethane	79-00-5	1	0.400	U	0.400	U	0.400	U
1,1-Dichloroethane	75-34-3	5	0.400	U	0.400	U	0.400	U
1,1-Dichloroethylene	75-35-4	5	0.400	U	0.400	U	0.400	U
1,2,3-Trichlorobenzene	87-61-6	5	0.400	U	0.400	U	0.400	U
1,2,3-Trichloropropane	96-18-4	0.04	0.400	U	0.400	U	0.400	U
1,2,4-Trichlorobenzene	120-82-1	5	0.400	U	0.400	U	0.400	U
1,2,4-Trimethylbenzene	95-63-6	5	0.400	U	0.400	U	0.400	U
1,2-Dibromo-3-chloropropane	96-12-8	0.04	0.400	U	0.400	U	0.400	U
1,2-Dibromoethane	106-93-4	0.0006	0.400	U	0.400	U	0.400	U
1,2-Dichlorobenzene	95-50-1	3	0.400	U	0.400	U	0.400	U
1,2-Dichloroethane	107-06-2	0.6	0.400	U	0.400	U	0.400	U
1,2-Dichloropropane	78-87-5	1	0.400	U	0.400	U	0.400	U
1,3,5-Trimethylbenzene	108-67-8	5	0.400	U	0.400	U	0.400	U
1,3-Dichlorobenzene	541-73-1	3	0.400	U	0.400	U	0.400	U
1,4-Dichlorobenzene	106-46-7	3	0.400	U	0.400	U	0.400	U
1,4-Dioxane	123-91-1	~	80	U	80	U	80	U
2-Butanone	78-93-3	50	7.800	D	0.400	U	0.400	U
2-Hexanone	591-78-6	50	0.400	U	0.400	U	0.400	U
4-Methyl-2-pentanone	108-10-1	~	0.400	U	0.400	U	0.400	U
Acetone	67-64-1	50	3.200	JD	2	U	2	U
Acrolein	107-02-8	~	0.400	U	0.400	U	0.400	U
Acrylonitrile	107-13-1	~	0.400	U	0.400	U	0.400	U
Benzene	71-43-2	1	0.400	U	0.400	U	0.400	U
Bromochloromethane	74-97-5	5	0.400	U	0.400	U	0.400	U
Bromodichloromethane	75-27-4	50	0.400	U	0.400	U	0.400	U
Bromoform	75-25-2	50	0.400	U	0.400	U	0.400	U
Bromomethane	74-83-9	5	0.400	U	0.400	U	0.400	U
Carbon disulfide	75-15-0	~	0.400	U	0.400	U	0.400	U
Carbon tetrachloride	56-23-5	5	0.400	U	0.400	U	0.400	U
Chlorobenzene	108-90-7	5	0.400	U	0.400	U	0.400	U
Chloroethane	75-00-3	5	0.400	U	0.400	U	0.400	U
Chloroform	67-66-3	7	0.400	U	0.400	U	0.400	U
Chloromethane	74-87-3	5	0.400	U	0.400	U	0.400	U
cis-1,2-Dichloroethylene	156-59-2	5	**32**	D	**96**	D	**93**	D
cis-1,3-Dichloropropylene	10061-01-5	0.4	0.400	U	0.400	U	0.400	U
Cyclohexane	110-82-7	~	0.400	U	0.400	U	0.400	U
Dibromochloromethane	124-48-1	50	0.400	U	0.400	U	0.400	U
Dibromomethane	74-95-3	~	0.400	U	0.400	U	0.400	U
Dichlorodifluoromethane	75-71-8	5	0.400	U	0.400	U	0.400	U
Ethyl Benzene	100-41-4	5	0.400	U	0.400	U	0.400	U
Hexachlorobutadiene	87-68-3	0.5	0.400	U	0.400	U	0.400	U
Isopropylbenzene	98-82-8	5	0.400	U	0.400	U	0.400	U
Methyl acetate	79-20-9	~	0.400	U	0.400	U	0.400	U
Methyl tert-butyl ether (MTBE)	1634-04-4	10	0.400	U	0.400	U	0.400	U
Methylcyclohexane	108-87-2	~	0.400	U	0.400	U	0.400	U
Methylene chloride	75-09-2	5	2	U	2	U	2	U
n-Butylbenzene	104-51-8	5	0.400	U	0.400	U	0.400	U
n-Propylbenzene	103-65-1	5	0.400	U	0.400	U	0.400	U
o-Xylene	95-47-6	5	0.400	U	0.400	U	0.400	U
p- & m- Xylenes	179601-23-1	5	1	U	1	U	1	U
p-Isopropyltoluene	99-87-6	5	0.400	U	0.400	U	0.400	U
sec-Butylbenzene	135-98-8	5	0.400	U	0.400	U	0.400	U
Styrene	100-42-5	5	0.400	U	0.400	U	0.400	U
tert-Butyl alcohol (TBA)	75-65-0	~	1	U	1	U	1	U
tert-Butylbenzene	98-06-6	5	0.400	U	0.400	U	0.400	U
Tetrachloroethylene	127-18-4	5	**130**	D	**72**	D	**67**	D
Toluene	108-88-3	5	0.400	U	0.400	U	0.400	U
trans-1,2-Dichloroethylene	156-60-5	5	0.400	U	0.600	JD	0.600	JD
trans-1,3-Dichloropropylene	10061-02-6	0.4	0.400	U	0.400	U	0.400	U
trans-1,4-dichloro-2-butene	110-57-6	~	0.400	U	0.400	U	0.400	U
Trichloroethylene	79-01-6	5	**9.800**	D	**18**	D	**18**	D
Trichlorofluoromethane	75-69-4	5	0.400	U	0.400	U	0.400	U
Vinyl Chloride	75-01-4	2	1.400	D	1.100	D	1.100	D
Xylenes, Total	1330-20-7	5	1.200	U	1.200	U	1.200	U

NOTES:
Yellow highlight exceeds TOGS 1.1.1 Class GA Water Quality Standards and Guidance
Gray highlight indicates that the compound was reported as non-detect however, the laboratory reporting limit exceeds TOGS 1.1.1 Class GA Water Quality Standards and Guidance

Q is the Qualifier Column with definitions as follows:
D=result is from an analysis that required a dilution
J=analyte detected at or above the MDL (method detection limit) but below the RL (Reporting Limit) - data is estimated
U=analyte not detected at or above the level indicated
B=analyte found in the analysis batch blank
E=result is estimated and cannot be accurately reported due to levels encountered or interferences
~=this indicates that no regulatory limit has been established for this analyte

Report Date: 08/13/2019
Client Project ID: AJPL 1902
York Project (SDG) No.: 19H0456

Castleton Environmental
54 George Street
Babylon NY, 11702
Attention: Jessica Ferngren

Purpose and Results

This report contains the analytical data for the sample(s) identified on the attached chain-of-custody received in our laboratory on August 09, 2019 with a temperature of 2.5 C. The project was identified as your project: **AJPL 1902.**

The analyses were conducted utilizing appropriate EPA, Standard Methods, and ASTM methods as detailed in the data summary tables.

All samples were received in proper condition meeting the customary acceptance requirements for environmental samples except those indicated under the Sample and Analysis Qualifiers section of this report.

All analyses met the method and laboratory standard operating procedure requirements except as indicated by any data flags, the meaning of which are explained in the Sample and Data Qualifiers Relating to This Work Order section of this report and case narrative if applicable.

The results of the analyses, which are all reported on dry weight basis (soils) unless otherwise noted, are detailed in the following pages.

Please contact Client Services at 203.325.1371 with any questions regarding this report.

York Sample ID	Client Sample ID	Matrix	Date Collected	Date Received
19H0456-01	GW01	Water	08/09/2019	08/09/2019
19H0456-02	GW02	Water	08/09/2019	08/09/2019
19H0456-03	GW03	Water	08/09/2019	08/09/2019

General Notes for York Project (SDG) No.: 19H0456

1. The RLs and MDLs (Reporting Limit and Method Detection Limit respectively) reported are adjusted for any dilution necessary due to the levels of target and/or non-target analytes and matrix interference. The RL(REPORTING LIMIT) is based upon the lowest standard utilized for the calibration where applicable.
2. Samples are retained for a period of thirty days after submittal of report, unless other arrangements are made.
3. York's liability for the above data is limited to the dollar value paid to York for the referenced project.
4. This report shall not be reproduced without the written approval of York Analytical Laboratories, Inc.
5. All analyses conducted met method or Laboratory SOP requirements. See the Sample and Data Qualifiers Section for further information.
6. It is noted that no analyses reported herein were subcontracted to another laboratory, unless noted in the report.
7. This report reflects results that relate only to the samples submitted on the attached chain-of-custody form(s) received by York.
8. Analyses conducted at York Analytical Laboratories, Inc. Stratford, CT are indicated by NY Cert. No. 10854; those conducted at York Analytical Laboratories, Inc., Richmond Hill, NY are indicated by NY Cert. No. 12058.

Approved By: 

Date: 08/13/2019

Benjamin Gulizia
Laboratory Director

Sample Information

Client Sample ID: GW01 **York Sample ID:** 19H0456-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
19H0456	AJPL 1902	Water	August 9, 2019 11:20 am	08/09/2019

Volatile Organics, 8260 - Comprehensive **Log-in Notes:** **Sample Notes:** V-Sed

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/L	0.40	1.0	2	EPA 8260C Certifications:	08/12/2019 07:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	08/12/2019 15:44	SS
71-55-6	1,1,1-Trichloroethane	ND		ug/L	0.40	1.0	2	EPA 8260C Certifications:	08/12/2019 07:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	08/12/2019 15:44	SS
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.40	1.0	2	EPA 8260C Certifications:	08/12/2019 07:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	08/12/2019 15:44	SS
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/L	0.40	1.0	2	EPA 8260C Certifications:	08/12/2019 07:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	08/12/2019 15:44	SS
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.40	1.0	2	EPA 8260C Certifications:	08/12/2019 07:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	08/12/2019 15:44	SS
75-34-3	1,1-Dichloroethane	ND		ug/L	0.40	1.0	2	EPA 8260C Certifications:	08/12/2019 07:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	08/12/2019 15:44	SS
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.40	1.0	2	EPA 8260C Certifications:	08/12/2019 07:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	08/12/2019 15:44	SS
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	0.40	1.0	2	EPA 8260C Certifications:	08/12/2019 07:30 NELAC-NY10854,NELAC-NY12058,NJDEP,PAL	08/12/2019 15:44	SS
96-18-4	1,2,3-Trichloropropane	ND		ug/L	0.40	1.0	2	EPA 8260C Certifications:	08/12/2019 07:30 NELAC-NY10854,NELAC-NY12058,NJDEP,PAL	08/12/2019 15:44	SS
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.40	1.0	2	EPA 8260C Certifications:	08/12/2019 07:30 NELAC-NY10854,NELAC-NY12058,NJDEP,PAL	08/12/2019 15:44	SS
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	0.40	1.0	2	EPA 8260C Certifications:	08/12/2019 07:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	08/12/2019 15:44	SS
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.40	1.0	2	EPA 8260C Certifications:	08/12/2019 07:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	08/12/2019 15:44	SS
106-93-4	1,2-Dibromoethane	ND		ug/L	0.40	1.0	2	EPA 8260C Certifications:	08/12/2019 07:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	08/12/2019 15:44	SS
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.40	1.0	2	EPA 8260C Certifications:	08/12/2019 07:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	08/12/2019 15:44	SS
107-06-2	1,2-Dichloroethane	ND		ug/L	0.40	1.0	2	EPA 8260C Certifications:	08/12/2019 07:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	08/12/2019 15:44	SS
78-87-5	1,2-Dichloropropane	ND		ug/L	0.40	1.0	2	EPA 8260C Certifications:	08/12/2019 07:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	08/12/2019 15:44	SS
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	0.40	1.0	2	EPA 8260C Certifications:	08/12/2019 07:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	08/12/2019 15:44	SS
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.40	1.0	2	EPA 8260C Certifications:	08/12/2019 07:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	08/12/2019 15:44	SS
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.40	1.0	2	EPA 8260C Certifications:	08/12/2019 07:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	08/12/2019 15:44	SS
123-91-1	1,4-Dioxane	ND		ug/L	80	80	2	EPA 8260C Certifications:	08/12/2019 07:30 NELAC-NY10854,NELAC-NY12058,NJDEP,PAL	08/12/2019 15:44	SS
78-93-3	2-Butanone	7.8		ug/L	0.40	1.0	2	EPA 8260C Certifications:	08/12/2019 07:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	08/12/2019 15:44	SS

Sample Information

Client Sample ID: GW01 **York Sample ID:** 19H0456-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
19H0456	AJPL 1902	Water	August 9, 2019 11:20 am	08/09/2019

Volatile Organics, 8260 - Comprehensive **Log-in Notes:** **Sample Notes:** V-Sed

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
591-78-6	2-Hexanone	ND		ug/L	0.40	1.0	2	EPA 8260C Certifications:	08/12/2019 07:30	08/12/2019 15:44 CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	SS
108-10-1	4-Methyl-2-pentanone	ND		ug/L	0.40	1.0	2	EPA 8260C Certifications:	08/12/2019 07:30	08/12/2019 15:44 CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	SS
67-64-1	Acetone	3.2	J	ug/L	2.0	4.0	2	EPA 8260C Certifications:	08/12/2019 07:30	08/12/2019 15:44 CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	SS
107-02-8	Acrolein	ND		ug/L	0.40	1.0	2	EPA 8260C Certifications:	08/12/2019 07:30	08/12/2019 15:44 CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	SS
107-13-1	Acrylonitrile	ND		ug/L	0.40	1.0	2	EPA 8260C Certifications:	08/12/2019 07:30	08/12/2019 15:44 CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	SS
71-43-2	Benzene	ND		ug/L	0.40	1.0	2	EPA 8260C Certifications:	08/12/2019 07:30	08/12/2019 15:44 CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	SS
74-97-5	Bromochloromethane	ND		ug/L	0.40	1.0	2	EPA 8260C Certifications:	08/12/2019 07:30	08/12/2019 15:44 NELAC-NY10854,NELAC-NY12058,NJDEP,PAL	SS
75-27-4	Bromodichloromethane	ND		ug/L	0.40	1.0	2	EPA 8260C Certifications:	08/12/2019 07:30	08/12/2019 15:44 CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	SS
75-25-2	Bromoform	ND		ug/L	0.40	1.0	2	EPA 8260C Certifications:	08/12/2019 07:30	08/12/2019 15:44 CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	SS
74-83-9	Bromomethane	ND		ug/L	0.40	4.0	2	EPA 8260C Certifications:	08/12/2019 07:30	08/12/2019 15:44 CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	SS
75-15-0	Carbon disulfide	ND		ug/L	0.40	1.0	2	EPA 8260C Certifications:	08/12/2019 07:30	08/12/2019 15:44 CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	SS
56-23-5	Carbon tetrachloride	ND		ug/L	0.40	1.0	2	EPA 8260C Certifications:	08/12/2019 07:30	08/12/2019 15:44 CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	SS
108-90-7	Chlorobenzene	ND		ug/L	0.40	1.0	2	EPA 8260C Certifications:	08/12/2019 07:30	08/12/2019 15:44 CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	SS
75-00-3	Chloroethane	ND		ug/L	0.40	1.0	2	EPA 8260C Certifications:	08/12/2019 07:30	08/12/2019 15:44 CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	SS
67-66-3	Chloroform	ND		ug/L	0.40	1.0	2	EPA 8260C Certifications:	08/12/2019 07:30	08/12/2019 15:44 CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	SS
74-87-3	Chloromethane	ND		ug/L	0.40	1.0	2	EPA 8260C Certifications:	08/12/2019 07:30	08/12/2019 15:44 CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	SS
156-59-2	cis-1,2-Dichloroethylene	32		ug/L	0.40	1.0	2	EPA 8260C Certifications:	08/12/2019 07:30	08/12/2019 15:44 CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	SS
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.40	1.0	2	EPA 8260C Certifications:	08/12/2019 07:30	08/12/2019 15:44 CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	SS
110-82-7	Cyclohexane	ND		ug/L	0.40	1.0	2	EPA 8260C Certifications:	08/12/2019 07:30	08/12/2019 15:44 NELAC-NY10854,NELAC-NY12058,NJDEP,PAL	SS
124-48-1	Dibromochloromethane	ND		ug/L	0.40	1.0	2	EPA 8260C Certifications:	08/12/2019 07:30	08/12/2019 15:44 CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	SS
74-95-3	Dibromomethane	ND		ug/L	0.40	1.0	2	EPA 8260C Certifications:	08/12/2019 07:30	08/12/2019 15:44 NELAC-NY10854,NELAC-NY12058,NJDEP,PAL	SS
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.40	1.0	2	EPA 8260C Certifications:	08/12/2019 07:30	08/12/2019 15:44 NELAC-NY10854,NELAC-NY12058,NJDEP,PAL	SS

Sample Information

Client Sample ID: GW01 **York Sample ID:** 19H0456-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
19H0456	AJPL 1902	Water	August 9, 2019 11:20 am	08/09/2019

Volatile Organics, 8260 - Comprehensive **Log-in Notes:** **Sample Notes:** V-Sed

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
100-41-4	Ethyl Benzene	ND		ug/L	0.40	1.0	2	EPA 8260C Certifications:	08/12/2019 07:30	08/12/2019 15:44 CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	SS
87-68-3	Hexachlorobutadiene	ND		ug/L	0.40	1.0	2	EPA 8260C Certifications:	08/12/2019 07:30	08/12/2019 15:44 NELAC-NY10854,NELAC-NY12058,NJDEP,PAC	SS
98-82-8	Isopropylbenzene	ND		ug/L	0.40	1.0	2	EPA 8260C Certifications:	08/12/2019 07:30	08/12/2019 15:44 CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	SS
79-20-9	Methyl acetate	ND		ug/L	0.40	1.0	2	EPA 8260C Certifications:	08/12/2019 07:30	08/12/2019 15:44 NELAC-NY10854,NELAC-NY12058,NJDEP,PAC	SS
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.40	1.0	2	EPA 8260C Certifications:	08/12/2019 07:30	08/12/2019 15:44 CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	SS
108-87-2	Methylcyclohexane	ND		ug/L	0.40	1.0	2	EPA 8260C Certifications:	08/12/2019 07:30	08/12/2019 15:44 NELAC-NY10854,NELAC-NY12058,NJDEP,PAC	SS
75-09-2	Methylene chloride	ND		ug/L	2.0	4.0	2	EPA 8260C Certifications:	08/12/2019 07:30	08/12/2019 15:44 CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	SS
104-51-8	n-Butylbenzene	ND		ug/L	0.40	1.0	2	EPA 8260C Certifications:	08/12/2019 07:30	08/12/2019 15:44 CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	SS
103-65-1	n-Propylbenzene	ND		ug/L	0.40	1.0	2	EPA 8260C Certifications:	08/12/2019 07:30	08/12/2019 15:44 CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	SS
95-47-6	o-Xylene	ND		ug/L	0.40	1.0	2	EPA 8260C Certifications:	08/12/2019 07:30	08/12/2019 15:44 CTDOH,NELAC-NY10854,NELAC-NY12058,PA	SS
179601-23-1	p- & m- Xylenes	ND		ug/L	1.0	2.0	2	EPA 8260C Certifications:	08/12/2019 07:30	08/12/2019 15:44 CTDOH,NELAC-NY10854,NELAC-NY12058,PA	SS
99-87-6	p-Isopropyltoluene	ND		ug/L	0.40	1.0	2	EPA 8260C Certifications:	08/12/2019 07:30	08/12/2019 15:44 CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	SS
135-98-8	sec-Butylbenzene	ND		ug/L	0.40	1.0	2	EPA 8260C Certifications:	08/12/2019 07:30	08/12/2019 15:44 CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	SS
100-42-5	Styrene	ND		ug/L	0.40	1.0	2	EPA 8260C Certifications:	08/12/2019 07:30	08/12/2019 15:44 CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	SS
75-65-0	tert-Butyl alcohol (TBA)	ND		ug/L	1.0	5.0	2	EPA 8260C Certifications:	08/12/2019 07:30	08/12/2019 15:44 NELAC-NY10854,NELAC-NY12058,NJDEP,PAC	SS
98-06-6	tert-Butylbenzene	ND		ug/L	0.40	1.0	2	EPA 8260C Certifications:	08/12/2019 07:30	08/12/2019 15:44 CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	SS
127-18-4	**Tetrachloroethylene**	**130**		ug/L	0.40	1.0	2	EPA 8260C Certifications:	08/12/2019 07:30	08/12/2019 15:44 CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	SS
108-88-3	Toluene	ND		ug/L	0.40	1.0	2	EPA 8260C Certifications:	08/12/2019 07:30	08/12/2019 15:44 CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	SS
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.40	1.0	2	EPA 8260C Certifications:	08/12/2019 07:30	08/12/2019 15:44 CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	SS
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.40	1.0	2	EPA 8260C Certifications:	08/12/2019 07:30	08/12/2019 15:44 CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	SS
110-57-6	trans-1,4-dichloro-2-butene	ND		ug/L	0.40	1.0	2	EPA 8260C Certifications:	08/12/2019 07:30	08/12/2019 15:44 CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	SS
79-01-6	**Trichloroethylene**	**9.8**		ug/L	0.40	1.0	2	EPA 8260C Certifications:	08/12/2019 07:30	08/12/2019 15:44 CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	SS

Sample Information

Client Sample ID: GW01 **York Sample ID:** 19H0456-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
19H0456	AJPL 1902	Water	August 9, 2019 11:20 am	08/09/2019

Volatile Organics, 8260 - Comprehensive **Log-in Notes:** **Sample Notes:** V-Sed

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
75-69-4	Trichlorofluoromethane	ND		ug/L	0.40	1.0	2	EPA 8260C	08/12/2019 07:30	08/12/2019 15:44	SS
								Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ			
75-01-4	**Vinyl Chloride**	**1.4**		ug/L	0.40	1.0	2	EPA 8260C	08/12/2019 07:30	08/12/2019 15:44	SS
								Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ			
1330-20-7	Xylenes, Total	ND		ug/L	1.2	3.0	2	EPA 8260C	08/12/2019 07:30	08/12/2019 15:44	SS
								Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ			

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: SURR: 1,2-Dichloroethane-d4*	*87.0 %*	*69-130*
2037-26-5	*Surrogate: SURR: Toluene-d8*	*94.8 %*	*81-117*
460-00-4	*Surrogate: SURR: p-Bromofluorobenzene*	*102 %*	*79-122*

Sample Information

Client Sample ID: GW02 **York Sample ID:** 19H0456-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
19H0456	AJPL 1902	Water	August 9, 2019 11:50 am	08/09/2019

Volatile Organics, 8260 - Comprehensive **Log-in Notes:** **Sample Notes:** V-Sed

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/L	0.40	1.0	2	EPA 8260C	08/12/2019 07:30	08/12/2019 16:13	SS
								Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ			
71-55-6	1,1,1-Trichloroethane	ND		ug/L	0.40	1.0	2	EPA 8260C	08/12/2019 07:30	08/12/2019 16:13	SS
								Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ			
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.40	1.0	2	EPA 8260C	08/12/2019 07:30	08/12/2019 16:13	SS
								Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ			
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/L	0.40	1.0	2	EPA 8260C	08/12/2019 07:30	08/12/2019 16:13	SS
								Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ			
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.40	1.0	2	EPA 8260C	08/12/2019 07:30	08/12/2019 16:13	SS
								Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ			
75-34-3	1,1-Dichloroethane	ND		ug/L	0.40	1.0	2	EPA 8260C	08/12/2019 07:30	08/12/2019 16:13	SS
								Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ			
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.40	1.0	2	EPA 8260C	08/12/2019 07:30	08/12/2019 16:13	SS
								Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ			
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	0.40	1.0	2	EPA 8260C	08/12/2019 07:30	08/12/2019 16:13	SS
								Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PAL			
96-18-4	1,2,3-Trichloropropane	ND		ug/L	0.40	1.0	2	EPA 8260C	08/12/2019 07:30	08/12/2019 16:13	SS
								Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PAL			

Sample Information

Client Sample ID: GW02 **York Sample ID:** 19H0456-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
19H0456	AJPL 1902	Water	August 9, 2019 11:50 am	08/09/2019

Volatile Organics, 8260 - Comprehensive **Log-in Notes:** **Sample Notes:** V-Sed

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.40	1.0	2	EPA 8260C	08/12/2019 07:30	08/12/2019 16:13	SS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PAL		
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	0.40	1.0	2	EPA 8260C	08/12/2019 07:30	08/12/2019 16:13	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJ		
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.40	1.0	2	EPA 8260C	08/12/2019 07:30	08/12/2019 16:13	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJ		
106-93-4	1,2-Dibromoethane	ND		ug/L	0.40	1.0	2	EPA 8260C	08/12/2019 07:30	08/12/2019 16:13	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJ		
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.40	1.0	2	EPA 8260C	08/12/2019 07:30	08/12/2019 16:13	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJ		
107-06-2	1,2-Dichloroethane	ND		ug/L	0.40	1.0	2	EPA 8260C	08/12/2019 07:30	08/12/2019 16:13	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJ		
78-87-5	1,2-Dichloropropane	ND		ug/L	0.40	1.0	2	EPA 8260C	08/12/2019 07:30	08/12/2019 16:13	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJ		
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	0.40	1.0	2	EPA 8260C	08/12/2019 07:30	08/12/2019 16:13	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJ		
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.40	1.0	2	EPA 8260C	08/12/2019 07:30	08/12/2019 16:13	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJ		
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.40	1.0	2	EPA 8260C	08/12/2019 07:30	08/12/2019 16:13	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJ		
123-91-1	1,4-Dioxane	ND		ug/L	80	80	2	EPA 8260C	08/12/2019 07:30	08/12/2019 16:13	SS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PAL		
78-93-3	2-Butanone	ND		ug/L	0.40	1.0	2	EPA 8260C	08/12/2019 07:30	08/12/2019 16:13	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJ		
591-78-6	2-Hexanone	ND		ug/L	0.40	1.0	2	EPA 8260C	08/12/2019 07:30	08/12/2019 16:13	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJ		
108-10-1	4-Methyl-2-pentanone	ND		ug/L	0.40	1.0	2	EPA 8260C	08/12/2019 07:30	08/12/2019 16:13	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJ		
67-64-1	Acetone	ND		ug/L	2.0	4.0	2	EPA 8260C	08/12/2019 07:30	08/12/2019 16:13	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJ		
107-02-8	Acrolein	ND		ug/L	0.40	1.0	2	EPA 8260C	08/12/2019 07:30	08/12/2019 16:13	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJ		
107-13-1	Acrylonitrile	ND		ug/L	0.40	1.0	2	EPA 8260C	08/12/2019 07:30	08/12/2019 16:13	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJ		
71-43-2	Benzene	ND		ug/L	0.40	1.0	2	EPA 8260C	08/12/2019 07:30	08/12/2019 16:13	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJ		
74-97-5	Bromochloromethane	ND		ug/L	0.40	1.0	2	EPA 8260C	08/12/2019 07:30	08/12/2019 16:13	SS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PAL		
75-27-4	Bromodichloromethane	ND		ug/L	0.40	1.0	2	EPA 8260C	08/12/2019 07:30	08/12/2019 16:13	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJ		
75-25-2	Bromoform	ND		ug/L	0.40	1.0	2	EPA 8260C	08/12/2019 07:30	08/12/2019 16:13	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJ		

Sample Information

Client Sample ID: GW02 **York Sample ID:** 19H0456-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
19H0456	AJPL 1902	Water	August 9, 2019 11:50 am	08/09/2019

Volatile Organics, 8260 - Comprehensive **Log-in Notes:** **Sample Notes:** V-Sed

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
74-83-9	Bromomethane	ND		ug/L	0.40	4.0	2	EPA 8260C Certifications:	08/12/2019 07:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	08/12/2019 16:13	SS
75-15-0	Carbon disulfide	ND		ug/L	0.40	1.0	2	EPA 8260C Certifications:	08/12/2019 07:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	08/12/2019 16:13	SS
56-23-5	Carbon tetrachloride	ND		ug/L	0.40	1.0	2	EPA 8260C Certifications:	08/12/2019 07:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	08/12/2019 16:13	SS
108-90-7	Chlorobenzene	ND		ug/L	0.40	1.0	2	EPA 8260C Certifications:	08/12/2019 07:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	08/12/2019 16:13	SS
75-00-3	Chloroethane	ND		ug/L	0.40	1.0	2	EPA 8260C Certifications:	08/12/2019 07:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	08/12/2019 16:13	SS
67-66-3	Chloroform	ND		ug/L	0.40	1.0	2	EPA 8260C Certifications:	08/12/2019 07:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	08/12/2019 16:13	SS
74-87-3	Chloromethane	ND		ug/L	0.40	1.0	2	EPA 8260C Certifications:	08/12/2019 07:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	08/12/2019 16:13	SS
156-59-2	cis-1,2-Dichloroethylene	96		ug/L	0.40	1.0	2	EPA 8260C Certifications:	08/12/2019 07:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	08/12/2019 16:13	SS
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.40	1.0	2	EPA 8260C Certifications:	08/12/2019 07:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	08/12/2019 16:13	SS
110-82-7	Cyclohexane	ND		ug/L	0.40	1.0	2	EPA 8260C Certifications:	08/12/2019 07:30 NELAC-NY10854,NELAC-NY12058,NJDEP,PAL	08/12/2019 16:13	SS
124-48-1	Dibromochloromethane	ND		ug/L	0.40	1.0	2	EPA 8260C Certifications:	08/12/2019 07:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	08/12/2019 16:13	SS
74-95-3	Dibromomethane	ND		ug/L	0.40	1.0	2	EPA 8260C Certifications:	08/12/2019 07:30 NELAC-NY10854,NELAC-NY12058,NJDEP,PAL	08/12/2019 16:13	SS
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.40	1.0	2	EPA 8260C Certifications:	08/12/2019 07:30 NELAC-NY10854,NELAC-NY12058,NJDEP,PAL	08/12/2019 16:13	SS
100-41-4	Ethyl Benzene	ND		ug/L	0.40	1.0	2	EPA 8260C Certifications:	08/12/2019 07:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	08/12/2019 16:13	SS
87-68-3	Hexachlorobutadiene	ND		ug/L	0.40	1.0	2	EPA 8260C Certifications:	08/12/2019 07:30 NELAC-NY10854,NELAC-NY12058,NJDEP,PAL	08/12/2019 16:13	SS
98-82-8	Isopropylbenzene	ND		ug/L	0.40	1.0	2	EPA 8260C Certifications:	08/12/2019 07:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	08/12/2019 16:13	SS
79-20-9	Methyl acetate	ND		ug/L	0.40	1.0	2	EPA 8260C Certifications:	08/12/2019 07:30 NELAC-NY10854,NELAC-NY12058,NJDEP,PAL	08/12/2019 16:13	SS
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.40	1.0	2	EPA 8260C Certifications:	08/12/2019 07:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	08/12/2019 16:13	SS
108-87-2	Methylcyclohexane	ND		ug/L	0.40	1.0	2	EPA 8260C Certifications:	08/12/2019 07:30 NELAC-NY10854,NELAC-NY12058,NJDEP,PAL	08/12/2019 16:13	SS
75-09-2	Methylene chloride	ND		ug/L	2.0	4.0	2	EPA 8260C Certifications:	08/12/2019 07:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	08/12/2019 16:13	SS
104-51-8	n-Butylbenzene	ND		ug/L	0.40	1.0	2	EPA 8260C Certifications:	08/12/2019 07:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	08/12/2019 16:13	SS

Sample Information

Client Sample ID: GW02 **York Sample ID:** 19H0456-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
19H0456	AJPL 1902	Water	August 9, 2019 11:50 am	08/09/2019

Volatile Organics, 8260 - Comprehensive **Log-in Notes:** **Sample Notes:** V-Sed

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
103-65-1	n-Propylbenzene	ND		ug/L	0.40	1.0	2	EPA 8260C Certifications:	08/12/2019 07:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	08/12/2019 16:13	SS
95-47-6	o-Xylene	ND		ug/L	0.40	1.0	2	EPA 8260C Certifications:	08/12/2019 07:30 CTDOH,NELAC-NY10854,NELAC-NY12058,PA	08/12/2019 16:13	SS
179601-23-1	p- & m- Xylenes	ND		ug/L	1.0	2.0	2	EPA 8260C Certifications:	08/12/2019 07:30 CTDOH,NELAC-NY10854,NELAC-NY12058,PA	08/12/2019 16:13	SS
99-87-6	p-Isopropyltoluene	ND		ug/L	0.40	1.0	2	EPA 8260C Certifications:	08/12/2019 07:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	08/12/2019 16:13	SS
135-98-8	sec-Butylbenzene	ND		ug/L	0.40	1.0	2	EPA 8260C Certifications:	08/12/2019 07:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	08/12/2019 16:13	SS
100-42-5	Styrene	ND		ug/L	0.40	1.0	2	EPA 8260C Certifications:	08/12/2019 07:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	08/12/2019 16:13	SS
75-65-0	tert-Butyl alcohol (TBA)	ND		ug/L	1.0	5.0	2	EPA 8260C Certifications:	08/12/2019 07:30 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/12/2019 16:13	SS
98-06-6	tert-Butylbenzene	ND		ug/L	0.40	1.0	2	EPA 8260C Certifications:	08/12/2019 07:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	08/12/2019 16:13	SS
127-18-4	**Tetrachloroethylene**	**72**		ug/L	0.40	1.0	2	EPA 8260C Certifications:	08/12/2019 07:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	08/12/2019 16:13	SS
108-88-3	Toluene	ND		ug/L	0.40	1.0	2	EPA 8260C Certifications:	08/12/2019 07:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	08/12/2019 16:13	SS
156-60-5	**trans-1,2-Dichloroethylene**	**0.60**	J	ug/L	0.40	1.0	2	EPA 8260C Certifications:	08/12/2019 07:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	08/12/2019 16:13	SS
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.40	1.0	2	EPA 8260C Certifications:	08/12/2019 07:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	08/12/2019 16:13	SS
110-57-6	trans-1,4-dichloro-2-butene	ND		ug/L	0.40	1.0	2	EPA 8260C Certifications:	08/12/2019 07:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	08/12/2019 16:13	SS
79-01-6	**Trichloroethylene**	**18**		ug/L	0.40	1.0	2	EPA 8260C Certifications:	08/12/2019 07:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	08/12/2019 16:13	SS
75-69-4	Trichlorofluoromethane	ND		ug/L	0.40	1.0	2	EPA 8260C Certifications:	08/12/2019 07:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	08/12/2019 16:13	SS
75-01-4	**Vinyl Chloride**	**1.1**		ug/L	0.40	1.0	2	EPA 8260C Certifications:	08/12/2019 07:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	08/12/2019 16:13	SS
1330-20-7	Xylenes, Total	ND		ug/L	1.2	3.0	2	EPA 8260C Certifications:	08/12/2019 07:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	08/12/2019 16:13	SS

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: SURR: 1,2-Dichloroethane-d4*	*84.0 %*	*69-130*
2037-26-5	*Surrogate: SURR: Toluene-d8*	*96.2 %*	*81-117*
460-00-4	*Surrogate: SURR: p-Bromofluorobenzene*	*95.2 %*	*79-122*

Sample Information

Client Sample ID: GW03 **York Sample ID:** 19H0456-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
19H0456	AJPL 1902	Water	August 9, 2019 12:00 pm	08/09/2019

Volatile Organics, 8260 - Comprehensive **Log-in Notes:** **Sample Notes:** V-Sed

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/L	0.40	1.0	2	EPA 8260C	08/12/2019 07:30	08/12/2019 16:43	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJ		
71-55-6	1,1,1-Trichloroethane	ND		ug/L	0.40	1.0	2	EPA 8260C	08/12/2019 07:30	08/12/2019 16:43	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJ		
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.40	1.0	2	EPA 8260C	08/12/2019 07:30	08/12/2019 16:43	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJ		
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/L	0.40	1.0	2	EPA 8260C	08/12/2019 07:30	08/12/2019 16:43	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJ		
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.40	1.0	2	EPA 8260C	08/12/2019 07:30	08/12/2019 16:43	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJ		
75-34-3	1,1-Dichloroethane	ND		ug/L	0.40	1.0	2	EPA 8260C	08/12/2019 07:30	08/12/2019 16:43	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJ		
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.40	1.0	2	EPA 8260C	08/12/2019 07:30	08/12/2019 16:43	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJ		
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	0.40	1.0	2	EPA 8260C	08/12/2019 07:30	08/12/2019 16:43	SS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PAL		
96-18-4	1,2,3-Trichloropropane	ND		ug/L	0.40	1.0	2	EPA 8260C	08/12/2019 07:30	08/12/2019 16:43	SS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PAL		
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.40	1.0	2	EPA 8260C	08/12/2019 07:30	08/12/2019 16:43	SS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PAL		
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	0.40	1.0	2	EPA 8260C	08/12/2019 07:30	08/12/2019 16:43	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJ		
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.40	1.0	2	EPA 8260C	08/12/2019 07:30	08/12/2019 16:43	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJ		
106-93-4	1,2-Dibromoethane	ND		ug/L	0.40	1.0	2	EPA 8260C	08/12/2019 07:30	08/12/2019 16:43	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJ		
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.40	1.0	2	EPA 8260C	08/12/2019 07:30	08/12/2019 16:43	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJ		
107-06-2	1,2-Dichloroethane	ND		ug/L	0.40	1.0	2	EPA 8260C	08/12/2019 07:30	08/12/2019 16:43	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJ		
78-87-5	1,2-Dichloropropane	ND		ug/L	0.40	1.0	2	EPA 8260C	08/12/2019 07:30	08/12/2019 16:43	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJ		
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	0.40	1.0	2	EPA 8260C	08/12/2019 07:30	08/12/2019 16:43	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJ		
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.40	1.0	2	EPA 8260C	08/12/2019 07:30	08/12/2019 16:43	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJ		
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.40	1.0	2	EPA 8260C	08/12/2019 07:30	08/12/2019 16:43	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJ		
123-91-1	1,4-Dioxane	ND		ug/L	80	80	2	EPA 8260C	08/12/2019 07:30	08/12/2019 16:43	SS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PAL		
78-93-3	2-Butanone	ND		ug/L	0.40	1.0	2	EPA 8260C	08/12/2019 07:30	08/12/2019 16:43	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJ		

Sample Information

Client Sample ID: GW03 **York Sample ID:** 19H0456-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
19H0456	AJPL 1902	Water	August 9, 2019 12:00 pm	08/09/2019

Volatile Organics, 8260 - Comprehensive **Log-in Notes:** **Sample Notes:** V-Sed

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
591-78-6	2-Hexanone	ND		ug/L	0.40	1.0	2	EPA 8260C Certifications:	08/12/2019 07:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	08/12/2019 16:43	SS
108-10-1	4-Methyl-2-pentanone	ND		ug/L	0.40	1.0	2	EPA 8260C Certifications:	08/12/2019 07:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	08/12/2019 16:43	SS
67-64-1	Acetone	ND		ug/L	2.0	4.0	2	EPA 8260C Certifications:	08/12/2019 07:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	08/12/2019 16:43	SS
107-02-8	Acrolein	ND		ug/L	0.40	1.0	2	EPA 8260C Certifications:	08/12/2019 07:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	08/12/2019 16:43	SS
107-13-1	Acrylonitrile	ND		ug/L	0.40	1.0	2	EPA 8260C Certifications:	08/12/2019 07:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	08/12/2019 16:43	SS
71-43-2	Benzene	ND		ug/L	0.40	1.0	2	EPA 8260C Certifications:	08/12/2019 07:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	08/12/2019 16:43	SS
74-97-5	Bromochloromethane	ND		ug/L	0.40	1.0	2	EPA 8260C Certifications:	08/12/2019 07:30 NELAC-NY10854,NELAC-NY12058,NJDEP,PAL	08/12/2019 16:43	SS
75-27-4	Bromodichloromethane	ND		ug/L	0.40	1.0	2	EPA 8260C Certifications:	08/12/2019 07:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	08/12/2019 16:43	SS
75-25-2	Bromoform	ND		ug/L	0.40	1.0	2	EPA 8260C Certifications:	08/12/2019 07:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	08/12/2019 16:43	SS
74-83-9	Bromomethane	ND		ug/L	0.40	4.0	2	EPA 8260C Certifications:	08/12/2019 07:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	08/12/2019 16:43	SS
75-15-0	Carbon disulfide	ND		ug/L	0.40	1.0	2	EPA 8260C Certifications:	08/12/2019 07:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	08/12/2019 16:43	SS
56-23-5	Carbon tetrachloride	ND		ug/L	0.40	1.0	2	EPA 8260C Certifications:	08/12/2019 07:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	08/12/2019 16:43	SS
108-90-7	Chlorobenzene	ND		ug/L	0.40	1.0	2	EPA 8260C Certifications:	08/12/2019 07:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	08/12/2019 16:43	SS
75-00-3	Chloroethane	ND		ug/L	0.40	1.0	2	EPA 8260C Certifications:	08/12/2019 07:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	08/12/2019 16:43	SS
67-66-3	Chloroform	ND		ug/L	0.40	1.0	2	EPA 8260C Certifications:	08/12/2019 07:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	08/12/2019 16:43	SS
74-87-3	Chloromethane	ND		ug/L	0.40	1.0	2	EPA 8260C Certifications:	08/12/2019 07:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	08/12/2019 16:43	SS
156-59-2	**cis-1,2-Dichloroethylene**	**93**		ug/L	0.40	1.0	2	EPA 8260C Certifications:	08/12/2019 07:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	08/12/2019 16:43	SS
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.40	1.0	2	EPA 8260C Certifications:	08/12/2019 07:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	08/12/2019 16:43	SS
110-82-7	Cyclohexane	ND		ug/L	0.40	1.0	2	EPA 8260C Certifications:	08/12/2019 07:30 NELAC-NY10854,NELAC-NY12058,NJDEP,PAL	08/12/2019 16:43	SS
124-48-1	Dibromochloromethane	ND		ug/L	0.40	1.0	2	EPA 8260C Certifications:	08/12/2019 07:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	08/12/2019 16:43	SS
74-95-3	Dibromomethane	ND		ug/L	0.40	1.0	2	EPA 8260C Certifications:	08/12/2019 07:30 NELAC-NY10854,NELAC-NY12058,NJDEP,PAL	08/12/2019 16:43	SS

Sample Information

Client Sample ID: GW03 **York Sample ID:** 19H0456-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
19H0456	AJPL 1902	Water	August 9, 2019 12:00 pm	08/09/2019

Volatile Organics, 8260 - Comprehensive **Log-in Notes:** **Sample Notes:** V-Sed

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.40	1.0	2	EPA 8260C Certifications:	08/12/2019 07:30	08/12/2019 16:43	SS NELAC-NY10854,NELAC-NY12058,NJDEP,PAL
100-41-4	Ethyl Benzene	ND		ug/L	0.40	1.0	2	EPA 8260C Certifications:	08/12/2019 07:30	08/12/2019 16:43	SS CTDOH,NELAC-NY10854,NELAC-NY12058,NJ
87-68-3	Hexachlorobutadiene	ND		ug/L	0.40	1.0	2	EPA 8260C Certifications:	08/12/2019 07:30	08/12/2019 16:43	SS NELAC-NY10854,NELAC-NY12058,NJDEP,PAL
98-82-8	Isopropylbenzene	ND		ug/L	0.40	1.0	2	EPA 8260C Certifications:	08/12/2019 07:30	08/12/2019 16:43	SS CTDOH,NELAC-NY10854,NELAC-NY12058,NJ
79-20-9	Methyl acetate	ND		ug/L	0.40	1.0	2	EPA 8260C Certifications:	08/12/2019 07:30	08/12/2019 16:43	SS NELAC-NY10854,NELAC-NY12058,NJDEP,PAL
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.40	1.0	2	EPA 8260C Certifications:	08/12/2019 07:30	08/12/2019 16:43	SS CTDOH,NELAC-NY10854,NELAC-NY12058,NJ
108-87-2	Methylcyclohexane	ND		ug/L	0.40	1.0	2	EPA 8260C Certifications:	08/12/2019 07:30	08/12/2019 16:43	SS NELAC-NY10854,NELAC-NY12058,NJDEP,PAL
75-09-2	Methylene chloride	ND		ug/L	2.0	4.0	2	EPA 8260C Certifications:	08/12/2019 07:30	08/12/2019 16:43	SS CTDOH,NELAC-NY10854,NELAC-NY12058,NJ
104-51-8	n-Butylbenzene	ND		ug/L	0.40	1.0	2	EPA 8260C Certifications:	08/12/2019 07:30	08/12/2019 16:43	SS CTDOH,NELAC-NY10854,NELAC-NY12058,NJ
103-65-1	n-Propylbenzene	ND		ug/L	0.40	1.0	2	EPA 8260C Certifications:	08/12/2019 07:30	08/12/2019 16:43	SS CTDOH,NELAC-NY10854,NELAC-NY12058,NJ
95-47-6	o-Xylene	ND		ug/L	0.40	1.0	2	EPA 8260C Certifications:	08/12/2019 07:30	08/12/2019 16:43	SS CTDOH,NELAC-NY10854,NELAC-NY12058,PA
179601-23-1	p- & m- Xylenes	ND		ug/L	1.0	2.0	2	EPA 8260C Certifications:	08/12/2019 07:30	08/12/2019 16:43	SS CTDOH,NELAC-NY10854,NELAC-NY12058,PA
99-87-6	p-Isopropyltoluene	ND		ug/L	0.40	1.0	2	EPA 8260C Certifications:	08/12/2019 07:30	08/12/2019 16:43	SS CTDOH,NELAC-NY10854,NELAC-NY12058,NJ
135-98-8	sec-Butylbenzene	ND		ug/L	0.40	1.0	2	EPA 8260C Certifications:	08/12/2019 07:30	08/12/2019 16:43	SS CTDOH,NELAC-NY10854,NELAC-NY12058,NJ
100-42-5	Styrene	ND		ug/L	0.40	1.0	2	EPA 8260C Certifications:	08/12/2019 07:30	08/12/2019 16:43	SS CTDOH,NELAC-NY10854,NELAC-NY12058,NJ
75-65-0	tert-Butyl alcohol (TBA)	ND		ug/L	1.0	5.0	2	EPA 8260C Certifications:	08/12/2019 07:30	08/12/2019 16:43	SS NELAC-NY10854,NELAC-NY12058,NJDEP,PAL
98-06-6	tert-Butylbenzene	ND		ug/L	0.40	1.0	2	EPA 8260C Certifications:	08/12/2019 07:30	08/12/2019 16:43	SS CTDOH,NELAC-NY10854,NELAC-NY12058,NJ
127-18-4	**Tetrachloroethylene**	67		ug/L	0.40	1.0	2	EPA 8260C Certifications:	08/12/2019 07:30	08/12/2019 16:43	SS CTDOH,NELAC-NY10854,NELAC-NY12058,NJ
108-88-3	Toluene	ND		ug/L	0.40	1.0	2	EPA 8260C Certifications:	08/12/2019 07:30	08/12/2019 16:43	SS CTDOH,NELAC-NY10854,NELAC-NY12058,NJ
156-60-5	**trans-1,2-Dichloroethylene**	0.60	J	ug/L	0.40	1.0	2	EPA 8260C Certifications:	08/12/2019 07:30	08/12/2019 16:43	SS CTDOH,NELAC-NY10854,NELAC-NY12058,NJ
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.40	1.0	2	EPA 8260C Certifications:	08/12/2019 07:30	08/12/2019 16:43	SS CTDOH,NELAC-NY10854,NELAC-NY12058,NJ
110-57-6	trans-1,4-dichloro-2-butene	ND		ug/L	0.40	1.0	2	EPA 8260C Certifications:	08/12/2019 07:30	08/12/2019 16:43	SS CTDOH,NELAC-NY10854,NELAC-NY12058,NJ

Sample Information

Client Sample ID: GW03 **York Sample ID:** 19H0456-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
19H0456	AJPL 1902	Water	August 9, 2019 12:00 pm	08/09/2019

Volatile Organics, 8260 - Comprehensive **Log-in Notes:** **Sample Notes:** V-Sed

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
79-01-6	**Trichloroethylene**	**18**		ug/L	0.40	1.0	2	EPA 8260C	08/12/2019 07:30	08/12/2019 16:43	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJ		
75-69-4	Trichlorofluoromethane	ND		ug/L	0.40	1.0	2	EPA 8260C	08/12/2019 07:30	08/12/2019 16:43	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJ		
75-01-4	**Vinyl Chloride**	**1.1**		ug/L	0.40	1.0	2	EPA 8260C	08/12/2019 07:30	08/12/2019 16:43	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJ		
1330-20-7	Xylenes, Total	ND		ug/L	1.2	3.0	2	EPA 8260C	08/12/2019 07:30	08/12/2019 16:43	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJ		

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: SURR: 1,2-Dichloroethane-d4*	*85.8 %*	*69-130*
2037-26-5	*Surrogate: SURR: Toluene-d8*	*95.7 %*	*81-117*
460-00-4	*Surrogate: SURR: p-Bromofluorobenzene*	*98.4 %*	*79-122*

Volatile Analysis Sample Containers

Lab ID	Client Sample ID	Volatile Sample Container
19H0456-01	GW01	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C
19H0456-02	GW02	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C
19H0456-03	GW03	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C

Sample and Data Qualifiers Relating to This Work Order

V-Sed	The aqueous sample submitted contained appreciable sediment which would not allow introduction into the analytical system. A dilution was made to accomplish analysis. This resulted in elevated Reporting Limits.
J	Detected below the Reporting Limit but greater than or equal to the Method Detection Limit (MDL/LOD) or in the case of a TIC the result is an estimated concentration.
CCV-E	The value reported is ESTIMATED. The value is estimated due to its behavior during continuing calibration verification (>20% Difference for average Rf or >20% Drift for quadratic fit).

Definitions and Other Explanations

*	Analyte is not certified or the state of the samples origination does not offer certification for the Analyte.
ND	NOT DETECTED - the analyte is not detected at the Reported to level (LOQ/RL or LOD/MDL)
RL	REPORTING LIMIT - the minimum reportable value based upon the lowest point in the analyte calibration curve.
LOQ	LIMIT OF QUANTITATION - the minimum concentration of a target analyte that can be reported within a specified degree of confidence. This is the lowest point in an analyte calibration curve that has been subjected to all steps of the processing/analysis and verified to meet defined criteria. This is based upon NELAC 2009 Standards and applies to all analyses.
LOD	LIMIT OF DETECTION - a verified estimate of the minimum concentration of a substance in a given matrix that an analytical process can reliably detect. This is based upon NELAC 2009 Standards and applies to all analyses conducted under the auspices of EPA SW-846.
MDL	METHOD DETECTION LIMIT - a statistically derived estimate of the minimum amount of a substance an analytical system can reliably detect with a 99% confidence that the concentration of the substance is greater than zero. This is based upon 40 CFR Part 136 Appendix B and applies only to EPA 600 and 200 series methods.
Reported to	This indicates that the data for a particular analysis is reported to either the LOD/MDL, or the LOQ/RL. In cases where the "Reported to" is located above the LOD/MDL, any value between this and the LOQ represents an estimated value which is "J" flagged accordingly. This applies to volatile and semi-volatile target compounds only.
NR	Not reported
RPD	Relative Percent Difference
Wet	The data has been reported on an as-received (wet weight) basis
Low Bias	Low Bias flag indicates that the recovery of the flagged analyte is below the laboratory or regulatory lower control limit. The data user should take note that this analyte may be biased low but should evaluate multiple lines of evidence including the LCS and site-specific MS/MSD data to draw bias conclusions. In cases where no site-specific MS/MSD was requested, only the LCS data can be used to evaluate such bias.
High Bias	High Bias flag indicates that the recovery of the flagged analyte is above the laboratory or regulatory upper control limit. The data user should take note that this analyte may be biased high but should evaluate multiple lines of evidence including the LCS and site-specific MS/MSD data to draw bias conclusions. In cases where no site-specific MS/MSD was requested, only the LCS data can be used to evaluate such bias.
Non-Dir.	Non-dir. flag (Non-Directional Bias) indicates that the Relative Percent Difference (RPD) (a measure of precision) among the MS and MSD data is outside the laboratory or regulatory control limit. This alerts the data user where the MS and MSD are from site-specific samples that the RPD is high due to either non-homogeneous distribution of target analyte between the MS/MSD or indicates poor reproducibility for other reasons.

If EPA SW-846 method 8270 is included herein it is noted that the target compound N-nitrosodiphenylamine (NDPA) decomposes in the gas chromatographic inlet and cannot be separated from diphenylamine (DPA). These results could actually represent 100% DPA, 100% NDPA or some combination of the two. For this reason, York reports the combined result for n-nitrosodiphenylamine and diphenylamine for either of these compounds as a combined concentration as Diphenylamine.

If Total PCBs are detected and the target aroclors reported are "Not detected", the Total PCB value is reported due to the presence of either or both Aroclors 1262 and 1268 which are non-target aroclors for some regulatory lists.

2-chloroethylvinyl ether readily breaks down under acidic conditions. Samples that are acid preserved, including standards will exhibit breakdown. The data user should take note.

Certification for pH is no longer offered by NYDOH ELAP.

Semi-Volatile and Volatile analyses are reported down to the LOD/MDL, with values between the LOD/MDL and the LOQ being "J" flagged as estimated results.

For analyses by EPA SW-846-8270D, the Limit of Quantitation (LOQ) reported for benzidine is based upon the lowest standard used for calibration and is not a verified LOQ due to this compound's propensity for oxidative losses during extraction/concentration procedures and non-reproducible chromatographic performance.

York Analytical Laboratories, Inc.
120 Research Drive, Stratford, CT 06615 | 132-02 89th Ave, Queens, NY 11418
clientservices@yorklab.com
www.yorklab.com

Field Chain-of-Custody Record

NOTE: YORK's Standard Terms & Conditions are listed on the back side of this document.
This document serves as your written authorization for YORK to proceed with the analyses requested below.
Your signature binds you to YORK's Standard Terms & Conditions.

YORK Project No.: 19A0456

YOUR Information	Report To:	Invoice To:	YOUR Project Number	Turn-Around Time
Company: Castleton Environmental	Company:	Company:	AJPL1902	RUSH - Next Day:
Address: 54 George St Babylon, NY	Address: SAME	Address: SAME	YOUR Project Name: AJPL1902	RUSH - Two Day:
Phone: 631 482 1818	Phone:	Phone:		RUSH - Three Day: X
Contact: Jessica Tengeres	Contact:	Contact:		RUSH - Four Day:
E-mail: jessica@castletonenv.com	E-mail:	E-mail:	YOUR PO#:	Standard (5-7 Day): ~~X~~

Please print clearly and legibly. All information must be complete. Samples will not be logged in and the turn-around-time clock will not begin until any questions by YORK are resolved.

Charles Leonard

Samples Collected by: (print your name above and sign below)

Matrix Codes	Samples From		Report / EDD Type (circle selections)			YORK Reg. Comp.
S - soil / solid	New York	X	Summary Report	CT RCP	Standard Excel EDD	Compared to the following Regulation(s) (please fill in)
GW - groundwater	New Jersey		QA Report	CT RCP DQA/DUE	EQuIS (Standard)	
DW - drinking water	Connecticut		NY ASP A Package	NJDEP Reduced Deliverables	NYSDEC EQuIS	
WW - wastewater	Pennsylvania		NY ASP B Package	NJDKQP	NJDEP SRP HazSite	
O - Oil ; Other	Other				Other:	

Sample Identification	Sample Matrix	Date/Time Sampled	Analysis Requested	Container Description
GW01	GW	8/1/19 11:20	VOCs by USEPA Milford SOP	3 VOAs
GW02		11:50		
GW03		12:20		

Comments:

Preservation: (check all that apply)
HCl ___ MeOH ___ HNO3 ___ H2SO4 ___ NaOH ___ ZnAc ___
Ascorbic Acid ___ Other ___

Special Instruction: Field Filtered ___ Lab to Filter ___

Samples Relinquished by / Company	Date/Time	Samples Received by / Company	Date/Time	Samples Relinquished by / Company	Date/Time
[signature]	8/1/19 13:41	[signature]	8-4-19 1341	[signature]	8-4-19 1545
Samples Received by / Company	Date/Time	Samples Relinquished by / Company	Date/Time	Samples Received by / Company	Date/Time
[signature]		[signature]			
Samples Relinquished by / Company	Date/Time	Samples Received by / Company	Date/Time	Samples Received in LAB by	Date/Time
				[signature]	8/5/19 9:30

Temp. Received at Lab: 2.5

Technical Report

prepared for:

Castleton Environmental
54 George Street
Babylon NY, 11702
Attention: Jessica Ferngren

Report Date: 08/14/2019
Client Project ID: AJPL1902
York Project (SDG) No.: 19H0455

CT Cert. No. PH-0723 New Jersey Cert. No. CT005 and NY037 New York Cert. Nos. 10854 and 12058 PA Cert. No. 68-04440

120 RESEARCH DRIVE STRATFORD, CT 06615 132-02 89th AVENUE RICHMOND HILL, NY 11418
www.YORKLAB.com (203) 325-1371 FAX (203) 357-0166 ClientServices@yorklab.com

Report Date: 08/14/2019
Client Project ID: AJPL1902
York Project (SDG) No.: 19H0455

Castleton Environmental
54 George Street
Babylon NY, 11702
Attention: Jessica Ferngren

Purpose and Results

This report contains the analytical data for the sample(s) identified on the attached chain-of-custody received in our laboratory on August 09, 2019 with a temperature of 2.5 C. The project was identified as your project: **AJPL1902**.

The analyses were conducted utilizing appropriate EPA, Standard Methods, and ASTM methods as detailed in the data summary tables.

All samples were received in proper condition meeting the customary acceptance requirements for environmental samples except those indicated under the Sample and Analysis Qualifiers section of this report.

All analyses met the method and laboratory standard operating procedure requirements except as indicated by any data flags, the meaning of which are explained in the Sample and Data Qualifiers Relating to This Work Order section of this report and case narrative if applicable.

The results of the analyses, which are all reported on dry weight basis (soils) unless otherwise noted, are detailed in the following pages.

Please contact Client Services at 203.325.1371 with any questions regarding this report.

York Sample ID	Client Sample ID	Matrix	Date Collected	Date Received
19H0455-01	SB01	Soil	08/09/2019	08/09/2019
19H0455-02	SB02	Soil	08/09/2019	08/09/2019
19H0455-05	SB05	Soil	08/09/2019	08/09/2019

General Notes for York Project (SDG) No.: 19H0455

1. The RLs and MDLs (Reporting Limit and Method Detection Limit respectively) reported are adjusted for any dilution necessary due to the levels of target and/or non-target analytes and matrix interference. The RL(REPORTING LIMIT) is based upon the lowest standard utilized for the calibration where applicable.
2. Samples are retained for a period of thirty days after submittal of report, unless other arrangements are made.
3. York's liability for the above data is limited to the dollar value paid to York for the referenced project.
4. This report shall not be reproduced without the written approval of York Analytical Laboratories, Inc.
5. All analyses conducted met method or Laboratory SOP requirements. See the Sample and Data Qualifiers Section for further information.
6. It is noted that no analyses reported herein were subcontracted to another laboratory, unless noted in the report.
7. This report reflects results that relate only to the samples submitted on the attached chain-of-custody form(s) received by York.
8. Analyses conducted at York Analytical Laboratories, Inc. Stratford, CT are indicated by NY Cert. No. 10854; those conducted at York Analytical Laboratories, Inc., Richmond Hill, NY are indicated by NY Cert. No. 12058.

Approved By: 

Date: 08/14/2019

Benjamin Gulizia
Laboratory Director

TABLE
SOIL ANALYTICAL SUMMARY
2921 WESTCHESTER AVENUE, BRONX, NEW YORK

Sample ID York ID Sampling Date Client Matrix		NYSDEC Part 375 Unrestricted Use Soil Cleanup Objectives	NYSDEC Part 375 Restricted Use Soil Cleanup Objectives - Restricted Residential	NYSDEC Part 375 Restricted Use Soil Cleanup Objectives- Commercial	SB01 19H0455-01 8/9/2019 12:05:00 PM Soil		SB02 19H0455-02 8/9/2019 12:10:00 PM Soil		SB05 19H0455-05 8/9/2019 12:15:00 PM Soil	
Compound	CAS Number				Result	Q	Result	Q	Result	Q
Volatile Organics, 8260 - Comprehensive		mg/Kg	mg/Kg	mg/Kg	mg/Kg		mg/Kg		mg/Kg	
Dilution Factor					1		1		100	
1,1,1,2-Tetrachloroethane	630-20-6	~	~	~	0.00290	U	0.00330	U	0.00420	U
1,1,1-Trichloroethane	71-55-6	0.68	100	500	0.00290	U	0.00330	U	0.00420	U
1,1,2,2-Tetrachloroethane	79-34-5	~	~	~	0.00290	U	0.00330	U	0.00420	U
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	76-13-1	~	~	~	0.00290	U	0.00330	U	0.00420	U
1,1,2-Trichloroethane	79-00-5	~	~	~	0.00290	U	0.00330	U	0.00420	U
1,1-Dichloroethane	75-34-3	0.27	26	240	0.00290	U	0.00330	U	0.00420	U
1,1-Dichloroethylene	75-35-4	0.33	100	500	0.00290	U	0.00330	U	0.00420	U
1,2,3-Trichlorobenzene	87-61-6	~	~	~	0.00290	U	0.00330	U	0.00420	U
1,2,3-Trichloropropane	96-18-4	~	~	~	0.00290	U	0.00330	U	0.00420	U
1,2,4-Trichlorobenzene	120-82-1	~	~	~	0.00290	U	0.00330	U	0.00420	U
1,2,4-Trimethylbenzene	95-63-6	3.6	52	190	0.00290	U	0.00330	U	0.00420	U
1,2-Dibromo-3-chloropropane	96-12-8	~	~	~	0.00290	U	0.00330	U	0.00420	U
1,2-Dibromoethane	106-93-4	~	~	~	0.00290	U	0.00330	U	0.00420	U
1,2-Dichlorobenzene	95-50-1	1.1	100	500	0.00290	U	0.00330	U	0.00420	U
1,2-Dichloroethane	107-06-2	0.02	3.1	30	0.00290	U	0.00330	U	0.00420	U
1,2-Dichloropropane	78-87-5	~	~	~	0.00290	U	0.00330	U	0.00420	U
1,3,5-Trimethylbenzene	108-67-8	8.4	52	190	0.00290	U	0.00330	U	0.00420	U
1,3-Dichlorobenzene	541-73-1	2.4	49	280	0.00290	U	0.00330	U	0.00420	U
1,4-Dichlorobenzene	106-46-7	1.8	13	130	0.00290	U	0.00330	U	0.00420	U
1,4-Dioxane	123-91-1	0.1	13	130	0.0590	U	0.0670	U	0.0830	U
2-Butanone	78-93-3	0.12	100	500	0.00290	U	0.00330	U	0.00420	U
2-Hexanone	591-78-6	~	~	~	0.00290	U	0.00330	U	0.00420	U
4-Methyl-2-pentanone	108-10-1	~	~	~	0.00290	U	0.00330	U	0.00420	U
Acetone	67-64-1	0.05	100	500	0.0110	J	0.0120	J	0.0130	J
Acrolein	107-02-8	~	~	~	0.00590	U	0.00670	U	0.00830	U
Acrylonitrile	107-13-1	~	~	~	0.00290	U	0.00330	U	0.00420	U
Benzene	71-43-2	0.06	4.8	44	0.00290	U	0.00330	U	0.00420	U
Bromochloromethane	74-97-5	~	~	~	0.00290	U	0.00330	U	0.00420	U
Bromodichloromethane	75-27-4	~	~	~	0.00290	U	0.00330	U	0.00420	U
Bromoform	75-25-2	~	~	~	0.00290	U	0.00330	U	0.00420	U
Bromomethane	74-83-9	~	~	~	0.00290	U	0.00330	U	0.00420	U
Carbon disulfide	75-15-0	~	~	~	0.00290	U	0.00330	U	0.00420	U
Carbon tetrachloride	56-23-5	0.76	2.4	22	0.00290	U	0.00330	U	0.00420	U
Chlorobenzene	108-90-7	1.1	100	500	0.00290	U	0.00330	U	0.00420	U
Chloroethane	75-00-3	~	~	~	0.00290	U	0.00330	U	0.00420	U
Chloroform	67-66-3	0.37	49	350	0.00290	U	0.00330	U	0.00420	U
Chloromethane	74-87-3	~	~	~	0.00290	U	0.00330	U	0.00420	U
cis-1,2-Dichloroethylene	156-59-2	0.25	100	500	0.0860		0.0140		**2.700**	D
cis-1,3-Dichloropropylene	10061-01-5	~	~	~	0.00290	U	0.00330	U	0.00420	U
Cyclohexane	110-82-7	~	~	~	0.00290	U	0.00330	U	0.00420	U
Dibromochloromethane	124-48-1	~	~	~	0.00290	U	0.00330	U	0.00420	U
Dibromomethane	74-95-3	~	~	~	0.00290	U	0.00330	U	0.00420	U
Dichlorodifluoromethane	75-71-8	~	~	~	0.00290	U	0.00330	U	0.00420	U
Ethyl Benzene	100-41-4	1	41	390	0.00290	U	0.00330	U	0.00420	U
Hexachlorobutadiene	87-68-3	~	~	~	0.00290	U	0.00330	U	0.00420	U
Isopropylbenzene	98-82-8	~	~	~	0.00290	U	0.00330	U	0.00420	U
Methyl acetate	79-20-9	~	~	~	0.00290	U	0.00330	U	0.00420	U
Methyl tert-butyl ether (MTBE)	1634-04-4	0.93	100	500	0.00290	U	0.00330	U	0.00420	U
Methylcyclohexane	108-87-2	~	~	~	0.00290	U	0.00330	U	0.00420	U
Methylene chloride	75-09-2	0.05	100	500	0.00590	U	0.00670	U	0.00830	U
n-Butylbenzene	104-51-8	12	100	500	0.00290	U	0.00330	U	0.00420	U
n-Propylbenzene	103-65-1	3.9	100	500	0.00290	U	0.00330	U	0.00420	U
o-Xylene	95-47-6	~	~	~	0.00290	U	0.00330	U	0.00420	U
p- & m- Xylenes	179601-23-1	~	~	~	0.00590	U	0.00670	U	0.00830	U
p-Isopropyltoluene	99-87-6	~	~	~	0.00290	U	0.00330	U	0.00420	U
sec-Butylbenzene	135-98-8	11	100	500	0.00290	U	0.00330	U	0.00420	U
Styrene	100-42-5	~	~	~	0.00290	U	0.00330	U	0.00420	U
tert-Butyl alcohol (TBA)	75-65-0	~	~	~	0.00290	U	0.00330	U	0.00420	U
tert-Butylbenzene	98-06-6	5.9	100	500	0.00290	U	0.00330	U	0.00420	U
Tetrachloroethylene	127-18-4	1.3	19	150	0.330		0.130		**21**	D
Toluene	108-88-3	0.7	100	500	0.00290	U	0.00330	U	0.00420	U
trans-1,2-Dichloroethylene	156-60-5	0.19	100	500	0.00290	U	0.00330	U	0.00600	J
trans-1,3-Dichloropropylene	10061-02-6	~	~	~	0.00290	U	0.00330	U	0.00420	U
trans-1,4-dichloro-2-butene	110-57-6	~	~	~	0.00290	U	0.00330	U	0.00420	U
Trichloroethylene	79-01-6	0.47	21	200	0.0550		0.0150		**3.300**	D
Trichlorofluoromethane	75-69-4	~	~	~	0.00290	U	0.00330	U	0.00420	U
Vinyl Chloride	75-01-4	0.02	0.9	13	0.00290	U	0.00330	U	0.00420	U
Xylenes, Total	1330-20-7	0.26	100	500	0.00880	U	0.0100	U	0.0120	U
Total Solids					%		%		%	
Dilution Factor					1		1		1	
% Solids	solids	~	~	~	78.800		77.700		75.600	

NOTES:
Yellow highight indicates exceedance of NYSDEC Part 375 Unrestricted Use Soil Cleanup Objectives
Orange highight indicates exceedance of NYSDEC Part 375 Restricted Residential Use Soil Cleanup Objectives
Green highight indicates exceedance of NYSDEC Part 375 Commercial Use Soil Cleanup Objectives

Q is the Qualifier Column with definitions as follows:
D=result is from an analysis that required a dilution
J=analyte detected at or above the MDL (method detection limit) but below the RL (Reporting Limit) - data is estimated
U=analyte not detected at or above the level indicated
B=analyte found in the analysis batch blank
E=result is estimated and cannot be accurately reported due to levels encountered or interferences
~=this indicates that no regulatory limit has been established for this analyte

Sample Information

Client Sample ID: SB01 **York Sample ID:** 19H0455-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
19H0455	AJPL1902	Soil	August 9, 2019 12:05 pm	08/09/2019

Volatile Organics, 8260 - Comprehensive **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/kg dry	2.9	5.9	1	EPA 8260C	08/13/2019 07:30	08/13/2019 14:54	RDS
								Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ			
71-55-6	1,1,1-Trichloroethane	ND		ug/kg dry	2.9	5.9	1	EPA 8260C	08/13/2019 07:30	08/13/2019 14:54	RDS
								Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ			
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/kg dry	2.9	5.9	1	EPA 8260C	08/13/2019 07:30	08/13/2019 14:54	RDS
								Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ			
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/kg dry	2.9	5.9	1	EPA 8260C	08/13/2019 07:30	08/13/2019 14:54	RDS
								Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ			
79-00-5	1,1,2-Trichloroethane	ND		ug/kg dry	2.9	5.9	1	EPA 8260C	08/13/2019 07:30	08/13/2019 14:54	RDS
								Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ			
75-34-3	1,1-Dichloroethane	ND		ug/kg dry	2.9	5.9	1	EPA 8260C	08/13/2019 07:30	08/13/2019 14:54	RDS
								Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ			
75-35-4	1,1-Dichloroethylene	ND		ug/kg dry	2.9	5.9	1	EPA 8260C	08/13/2019 07:30	08/13/2019 14:54	RDS
								Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ			
87-61-6	1,2,3-Trichlorobenzene	ND		ug/kg dry	2.9	5.9	1	EPA 8260C	08/13/2019 07:30	08/13/2019 14:54	RDS
								Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PAE			
96-18-4	1,2,3-Trichloropropane	ND		ug/kg dry	2.9	5.9	1	EPA 8260C	08/13/2019 07:30	08/13/2019 14:54	RDS
								Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP			
120-82-1	1,2,4-Trichlorobenzene	ND		ug/kg dry	2.9	5.9	1	EPA 8260C	08/13/2019 07:30	08/13/2019 14:54	RDS
								Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PAE			
95-63-6	1,2,4-Trimethylbenzene	ND		ug/kg dry	2.9	5.9	1	EPA 8260C	08/13/2019 07:30	08/13/2019 14:54	RDS
								Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ			
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/kg dry	2.9	5.9	1	EPA 8260C	08/13/2019 07:30	08/13/2019 14:54	RDS
								Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ			
106-93-4	1,2-Dibromoethane	ND		ug/kg dry	2.9	5.9	1	EPA 8260C	08/13/2019 07:30	08/13/2019 14:54	RDS
								Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ			
95-50-1	1,2-Dichlorobenzene	ND		ug/kg dry	2.9	5.9	1	EPA 8260C	08/13/2019 07:30	08/13/2019 14:54	RDS
								Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ			
107-06-2	1,2-Dichloroethane	ND		ug/kg dry	2.9	5.9	1	EPA 8260C	08/13/2019 07:30	08/13/2019 14:54	RDS
								Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ			
78-87-5	1,2-Dichloropropane	ND		ug/kg dry	2.9	5.9	1	EPA 8260C	08/13/2019 07:30	08/13/2019 14:54	RDS
								Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ			
108-67-8	1,3,5-Trimethylbenzene	ND		ug/kg dry	2.9	5.9	1	EPA 8260C	08/13/2019 07:30	08/13/2019 14:54	RDS
								Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ			
541-73-1	1,3-Dichlorobenzene	ND		ug/kg dry	2.9	5.9	1	EPA 8260C	08/13/2019 07:30	08/13/2019 14:54	RDS
								Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ			
106-46-7	1,4-Dichlorobenzene	ND		ug/kg dry	2.9	5.9	1	EPA 8260C	08/13/2019 07:30	08/13/2019 14:54	RDS
								Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ			
123-91-1	1,4-Dioxane	ND		ug/kg dry	59	120	1	EPA 8260C	08/13/2019 07:30	08/13/2019 14:54	RDS
								Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PAE			

Sample Information

Client Sample ID: SB01 **York Sample ID:** 19H0455-01

York Project (SDG) No	Client Project ID	Matrix	Collection Date/Time	Date Received
19H0455	AJPL1902	Soil	August 9, 2019 12:05 pm	08/09/2019

Volatile Organics, 8260 - Comprehensive **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
78-93-3	2-Butanone	ND		ug/kg dry	2.9	5.9	1	EPA 8260C	08/13/2019 07:30	08/13/2019 14:54	RDS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJ		
591-78-6	2-Hexanone	ND		ug/kg dry	2.9	5.9	1	EPA 8260C	08/13/2019 07:30	08/13/2019 14:54	RDS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJ		
108-10-1	4-Methyl-2-pentanone	ND		ug/kg dry	2.9	5.9	1	EPA 8260C	08/13/2019 07:30	08/13/2019 14:54	RDS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJ		
67-64-1	**Acetone**	**11**	J	ug/kg dry	5.9	12	1	EPA 8260C	08/13/2019 07:30	08/13/2019 14:54	RDS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJ		
107-02-8	Acrolein	ND		ug/kg dry	5.9	12	1	EPA 8260C	08/13/2019 07:30	08/13/2019 14:54	RDS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJ		
107-13-1	Acrylonitrile	ND		ug/kg dry	2.9	5.9	1	EPA 8260C	08/13/2019 07:30	08/13/2019 14:54	RDS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJ		
71-43-2	Benzene	ND		ug/kg dry	2.9	5.9	1	EPA 8260C	08/13/2019 07:30	08/13/2019 14:54	RDS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJ		
74-97-5	Bromochloromethane	ND		ug/kg dry	2.9	5.9	1	EPA 8260C	08/13/2019 07:30	08/13/2019 14:54	RDS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PAL		
75-27-4	Bromodichloromethane	ND		ug/kg dry	2.9	5.9	1	EPA 8260C	08/13/2019 07:30	08/13/2019 14:54	RDS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJ		
75-25-2	Bromoform	ND		ug/kg dry	2.9	5.9	1	EPA 8260C	08/13/2019 07:30	08/13/2019 14:54	RDS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJ		
74-83-9	Bromomethane	ND		ug/kg dry	2.9	5.9	1	EPA 8260C	08/13/2019 07:30	08/13/2019 14:54	RDS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJ		
75-15-0	Carbon disulfide	ND		ug/kg dry	2.9	5.9	1	EPA 8260C	08/13/2019 07:30	08/13/2019 14:54	RDS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJ		
56-23-5	Carbon tetrachloride	ND		ug/kg dry	2.9	5.9	1	EPA 8260C	08/13/2019 07:30	08/13/2019 14:54	RDS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJ		
108-90-7	Chlorobenzene	ND		ug/kg dry	2.9	5.9	1	EPA 8260C	08/13/2019 07:30	08/13/2019 14:54	RDS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJ		
75-00-3	Chloroethane	ND		ug/kg dry	2.9	5.9	1	EPA 8260C	08/13/2019 07:30	08/13/2019 14:54	RDS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJ		
67-66-3	Chloroform	ND		ug/kg dry	2.9	5.9	1	EPA 8260C	08/13/2019 07:30	08/13/2019 14:54	RDS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJ		
74-87-3	Chloromethane	ND		ug/kg dry	2.9	5.9	1	EPA 8260C	08/13/2019 07:30	08/13/2019 14:54	RDS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJ		
156-59-2	**cis-1,2-Dichloroethylene**	**86**		ug/kg dry	2.9	5.9	1	EPA 8260C	08/13/2019 07:30	08/13/2019 14:54	RDS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJ		
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/kg dry	2.9	5.9	1	EPA 8260C	08/13/2019 07:30	08/13/2019 14:54	RDS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJ		
110-82-7	Cyclohexane	ND		ug/kg dry	2.9	5.9	1	EPA 8260C	08/13/2019 07:30	08/13/2019 14:54	RDS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PAL		
124-48-1	Dibromochloromethane	ND		ug/kg dry	2.9	5.9	1	EPA 8260C	08/13/2019 07:30	08/13/2019 14:54	RDS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PAL		
74-95-3	Dibromomethane	ND		ug/kg dry	2.9	5.9	1	EPA 8260C	08/13/2019 07:30	08/13/2019 14:54	RDS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PAL		

Sample Information

Client Sample ID: SB01 **York Sample ID:** 19H0455-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
19H0455	AJPL1902	Soil	August 9, 2019 12:05 pm	08/09/2019

Volatile Organics, 8260 - Comprehensive **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
75-71-8	Dichlorodifluoromethane	ND		ug/kg dry	2.9	5.9	1	EPA 8260C Certifications:	08/13/2019 07:30 NELAC-NY10854,NELAC-NY12058,NJDEP,PAL	08/13/2019 14:54	RDS
100-41-4	Ethyl Benzene	ND		ug/kg dry	2.9	5.9	1	EPA 8260C Certifications:	08/13/2019 07:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	08/13/2019 14:54	RDS
87-68-3	Hexachlorobutadiene	ND		ug/kg dry	2.9	5.9	1	EPA 8260C Certifications:	08/13/2019 07:30 NELAC-NY10854,NELAC-NY12058,NJDEP,PAL	08/13/2019 14:54	RDS
98-82-8	Isopropylbenzene	ND		ug/kg dry	2.9	5.9	1	EPA 8260C Certifications:	08/13/2019 07:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	08/13/2019 14:54	RDS
79-20-9	Methyl acetate	ND		ug/kg dry	2.9	5.9	1	EPA 8260C Certifications:	08/13/2019 07:30 NELAC-NY10854,NELAC-NY12058,NJDEP,PAL	08/13/2019 14:54	RDS
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/kg dry	2.9	5.9	1	EPA 8260C Certifications:	08/13/2019 07:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	08/13/2019 14:54	RDS
108-87-2	Methylcyclohexane	ND		ug/kg dry	2.9	5.9	1	EPA 8260C Certifications:	08/13/2019 07:30 NELAC-NY10854,NELAC-NY12058,NJDEP,PAL	08/13/2019 14:54	RDS
75-09-2	Methylene chloride	ND		ug/kg dry	5.9	12	1	EPA 8260C Certifications:	08/13/2019 07:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	08/13/2019 14:54	RDS
104-51-8	n-Butylbenzene	ND		ug/kg dry	2.9	5.9	1	EPA 8260C Certifications:	08/13/2019 07:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	08/13/2019 14:54	RDS
103-65-1	n-Propylbenzene	ND		ug/kg dry	2.9	5.9	1	EPA 8260C Certifications:	08/13/2019 07:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	08/13/2019 14:54	RDS
95-47-6	o-Xylene	ND		ug/kg dry	2.9	5.9	1	EPA 8260C Certifications:	08/13/2019 07:30 CTDOH,NELAC-NY10854,NELAC-NY12058,PA	08/13/2019 14:54	RDS
179601-23-1	p- & m- Xylenes	ND		ug/kg dry	5.9	12	1	EPA 8260C Certifications:	08/13/2019 07:30 CTDOH,NELAC-NY10854,NELAC-NY12058,PA	08/13/2019 14:54	RDS
99-87-6	p-Isopropyltoluene	ND		ug/kg dry	2.9	5.9	1	EPA 8260C Certifications:	08/13/2019 07:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	08/13/2019 14:54	RDS
135-98-8	sec-Butylbenzene	ND		ug/kg dry	2.9	5.9	1	EPA 8260C Certifications:	08/13/2019 07:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	08/13/2019 14:54	RDS
100-42-5	Styrene	ND		ug/kg dry	2.9	5.9	1	EPA 8260C Certifications:	08/13/2019 07:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	08/13/2019 14:54	RDS
75-65-0	tert-Butyl alcohol (TBA)	ND		ug/kg dry	2.9	29	1	EPA 8260C Certifications:	08/13/2019 07:30 NELAC-NY10854,NELAC-NY12058,NJDEP,PAL	08/13/2019 14:54	RDS
98-06-6	tert-Butylbenzene	ND		ug/kg dry	2.9	5.9	1	EPA 8260C Certifications:	08/13/2019 07:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	08/13/2019 14:54	RDS
127-18-4	**Tetrachloroethylene**	**330**		ug/kg dry	2.9	5.9	1	EPA 8260C Certifications:	08/13/2019 07:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	08/13/2019 14:54	RDS
108-88-3	Toluene	ND		ug/kg dry	2.9	5.9	1	EPA 8260C Certifications:	08/13/2019 07:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	08/13/2019 14:54	RDS
156-60-5	trans-1,2-Dichloroethylene	ND		ug/kg dry	2.9	5.9	1	EPA 8260C Certifications:	08/13/2019 07:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	08/13/2019 14:54	RDS
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/kg dry	2.9	5.9	1	EPA 8260C Certifications:	08/13/2019 07:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	08/13/2019 14:54	RDS

Sample Information

Client Sample ID: SB01 — **York Sample ID:** 19H0455-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
19H0455	AJPL1902	Soil	August 9, 2019 12:05 pm	08/09/2019

Volatile Organics, 8260 - Comprehensive

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
110-57-6	* trans-1,4-dichloro-2-butene	ND		ug/kg dry	2.9	5.9	1	EPA 8260C Certifications: CTDOH	08/13/2019 07:30	08/13/2019 14:54	RDS
79-01-6	**Trichloroethylene**	55		ug/kg dry	2.9	5.9	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	08/13/2019 07:30	08/13/2019 14:54	RDS
75-69-4	Trichlorofluoromethane	ND		ug/kg dry	2.9	5.9	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	08/13/2019 07:30	08/13/2019 14:54	RDS
75-01-4	Vinyl Chloride	ND		ug/kg dry	2.9	5.9	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	08/13/2019 07:30	08/13/2019 14:54	RDS
1330-20-7	Xylenes, Total	ND		ug/kg dry	8.8	18	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	08/13/2019 07:30	08/13/2019 14:54	RDS

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: SURR: 1,2-Dichloroethane-d4*	*89.3 %*	*77-125*
2037-26-5	*Surrogate: SURR: Toluene-d8*	*110 %*	*85-120*
460-00-4	*Surrogate: SURR: p-Bromofluorobenzene*	*101 %*	*76-130*

Total Solids

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	* % Solids	78.8		%	0.100	1	SM 2540G Certifications: CTDOH	08/12/2019 20:29	08/13/2019 12:18	TAJ

Sample Information

Client Sample ID: SB02 — **York Sample ID:** 19H0455-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
19H0455	AJPL1902	Soil	August 9, 2019 12:10 pm	08/09/2019

Volatile Organics, 8260 - Comprehensive

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/kg dry	3.3	6.7	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	08/12/2019 07:30	08/12/2019 13:16	SS
71-55-6	1,1,1-Trichloroethane	ND		ug/kg dry	3.3	6.7	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	08/12/2019 07:30	08/12/2019 13:16	SS
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/kg dry	3.3	6.7	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	08/12/2019 07:30	08/12/2019 13:16	SS

Sample Information

Client Sample ID: SB02 **York Sample ID:** 19H0455-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
19H0455	AJPL1902	Soil	August 9, 2019 12:10 pm	08/09/2019

Volatile Organics, 8260 - Comprehensive **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/kg dry	3.3	6.7	1	EPA 8260C Certifications:	08/12/2019 07:30	08/12/2019 13:16 CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	SS
79-00-5	1,1,2-Trichloroethane	ND		ug/kg dry	3.3	6.7	1	EPA 8260C Certifications:	08/12/2019 07:30	08/12/2019 13:16 CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	SS
75-34-3	1,1-Dichloroethane	ND		ug/kg dry	3.3	6.7	1	EPA 8260C Certifications:	08/12/2019 07:30	08/12/2019 13:16 CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	SS
75-35-4	1,1-Dichloroethylene	ND		ug/kg dry	3.3	6.7	1	EPA 8260C Certifications:	08/12/2019 07:30	08/12/2019 13:16 CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	SS
87-61-6	1,2,3-Trichlorobenzene	ND		ug/kg dry	3.3	6.7	1	EPA 8260C Certifications:	08/12/2019 07:30	08/12/2019 13:16 NELAC-NY10854,NELAC-NY12058,NJDEP,PAE	SS
96-18-4	1,2,3-Trichloropropane	ND		ug/kg dry	3.3	6.7	1	EPA 8260C Certifications:	08/12/2019 07:30	08/12/2019 13:16 NELAC-NY10854,NELAC-NY12058,NJDEP	SS
120-82-1	1,2,4-Trichlorobenzene	ND		ug/kg dry	3.3	6.7	1	EPA 8260C Certifications:	08/12/2019 07:30	08/12/2019 13:16 NELAC-NY10854,NELAC-NY12058,NJDEP,PAE	SS
95-63-6	1,2,4-Trimethylbenzene	ND		ug/kg dry	3.3	6.7	1	EPA 8260C Certifications:	08/12/2019 07:30	08/12/2019 13:16 CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	SS
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/kg dry	3.3	6.7	1	EPA 8260C Certifications:	08/12/2019 07:30	08/12/2019 13:16 CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	SS
106-93-4	1,2-Dibromoethane	ND		ug/kg dry	3.3	6.7	1	EPA 8260C Certifications:	08/12/2019 07:30	08/12/2019 13:16 CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	SS
95-50-1	1,2-Dichlorobenzene	ND		ug/kg dry	3.3	6.7	1	EPA 8260C Certifications:	08/12/2019 07:30	08/12/2019 13:16 CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	SS
107-06-2	1,2-Dichloroethane	ND		ug/kg dry	3.3	6.7	1	EPA 8260C Certifications:	08/12/2019 07:30	08/12/2019 13:16 CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	SS
78-87-5	1,2-Dichloropropane	ND		ug/kg dry	3.3	6.7	1	EPA 8260C Certifications:	08/12/2019 07:30	08/12/2019 13:16 CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	SS
108-67-8	1,3,5-Trimethylbenzene	ND		ug/kg dry	3.3	6.7	1	EPA 8260C Certifications:	08/12/2019 07:30	08/12/2019 13:16 CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	SS
541-73-1	1,3-Dichlorobenzene	ND		ug/kg dry	3.3	6.7	1	EPA 8260C Certifications:	08/12/2019 07:30	08/12/2019 13:16 CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	SS
106-46-7	1,4-Dichlorobenzene	ND		ug/kg dry	3.3	6.7	1	EPA 8260C Certifications:	08/12/2019 07:30	08/12/2019 13:16 CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	SS
123-91-1	1,4-Dioxane	ND		ug/kg dry	67	130	1	EPA 8260C Certifications:	08/12/2019 07:30	08/12/2019 13:16 NELAC-NY10854,NELAC-NY12058,NJDEP,PAE	SS
78-93-3	2-Butanone	ND		ug/kg dry	3.3	6.7	1	EPA 8260C Certifications:	08/12/2019 07:30	08/12/2019 13:16 CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	SS
591-78-6	2-Hexanone	ND		ug/kg dry	3.3	6.7	1	EPA 8260C Certifications:	08/12/2019 07:30	08/12/2019 13:16 CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	SS
108-10-1	4-Methyl-2-pentanone	ND		ug/kg dry	3.3	6.7	1	EPA 8260C Certifications:	08/12/2019 07:30	08/12/2019 13:16 CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	SS
67-64-1	Acetone	12	J	ug/kg dry	6.7	13	1	EPA 8260C Certifications:	08/12/2019 07:30	08/12/2019 13:16 CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	SS

Sample Information

Client Sample ID: SB02 **York Sample ID:** 19H0455-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
19H0455	AJPL1902	Soil	August 9, 2019 12:10 pm	08/09/2019

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
107-02-8	Acrolein	ND		ug/kg dry	6.7	13	1	EPA 8260C Certifications:	08/12/2019 07:30	08/12/2019 13:16 CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	SS
107-13-1	Acrylonitrile	ND		ug/kg dry	3.3	6.7	1	EPA 8260C Certifications:	08/12/2019 07:30	08/12/2019 13:16 CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	SS
71-43-2	Benzene	ND		ug/kg dry	3.3	6.7	1	EPA 8260C Certifications:	08/12/2019 07:30	08/12/2019 13:16 CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	SS
74-97-5	Bromochloromethane	ND		ug/kg dry	3.3	6.7	1	EPA 8260C Certifications:	08/12/2019 07:30	08/12/2019 13:16 NELAC-NY10854,NELAC-NY12058,NJDEP,PAC	SS
75-27-4	Bromodichloromethane	ND		ug/kg dry	3.3	6.7	1	EPA 8260C Certifications:	08/12/2019 07:30	08/12/2019 13:16 CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	SS
75-25-2	Bromoform	ND		ug/kg dry	3.3	6.7	1	EPA 8260C Certifications:	08/12/2019 07:30	08/12/2019 13:16 CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	SS
74-83-9	Bromomethane	ND		ug/kg dry	3.3	6.7	1	EPA 8260C Certifications:	08/12/2019 07:30	08/12/2019 13:16 CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	SS
75-15-0	Carbon disulfide	ND		ug/kg dry	3.3	6.7	1	EPA 8260C Certifications:	08/12/2019 07:30	08/12/2019 13:16 CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	SS
56-23-5	Carbon tetrachloride	ND		ug/kg dry	3.3	6.7	1	EPA 8260C Certifications:	08/12/2019 07:30	08/12/2019 13:16 CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	SS
108-90-7	Chlorobenzene	ND		ug/kg dry	3.3	6.7	1	EPA 8260C Certifications:	08/12/2019 07:30	08/12/2019 13:16 CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	SS
75-00-3	Chloroethane	ND		ug/kg dry	3.3	6.7	1	EPA 8260C Certifications:	08/12/2019 07:30	08/12/2019 13:16 CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	SS
67-66-3	Chloroform	ND		ug/kg dry	3.3	6.7	1	EPA 8260C Certifications:	08/12/2019 07:30	08/12/2019 13:16 CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	SS
74-87-3	Chloromethane	ND		ug/kg dry	3.3	6.7	1	EPA 8260C Certifications:	08/12/2019 07:30	08/12/2019 13:16 CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	SS
156-59-2	**cis-1,2-Dichloroethylene**	**14**		ug/kg dry	3.3	6.7	1	EPA 8260C Certifications:	08/12/2019 07:30	08/12/2019 13:16 CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	SS
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/kg dry	3.3	6.7	1	EPA 8260C Certifications:	08/12/2019 07:30	08/12/2019 13:16 CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	SS
110-82-7	Cyclohexane	ND		ug/kg dry	3.3	6.7	1	EPA 8260C Certifications:	08/12/2019 07:30	08/12/2019 13:16 NELAC-NY10854,NELAC-NY12058,NJDEP,PAC	SS
124-48-1	Dibromochloromethane	ND		ug/kg dry	3.3	6.7	1	EPA 8260C Certifications:	08/12/2019 07:30	08/12/2019 13:16 NELAC-NY10854,NELAC-NY12058,NJDEP,PAC	SS
74-95-3	Dibromomethane	ND		ug/kg dry	3.3	6.7	1	EPA 8260C Certifications:	08/12/2019 07:30	08/12/2019 13:16 NELAC-NY10854,NELAC-NY12058,NJDEP,PAC	SS
75-71-8	Dichlorodifluoromethane	ND		ug/kg dry	3.3	6.7	1	EPA 8260C Certifications:	08/12/2019 07:30	08/12/2019 13:16 NELAC-NY10854,NELAC-NY12058,NJDEP,PAC	SS
100-41-4	Ethyl Benzene	ND		ug/kg dry	3.3	6.7	1	EPA 8260C Certifications:	08/12/2019 07:30	08/12/2019 13:16 CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	SS
87-68-3	Hexachlorobutadiene	ND		ug/kg dry	3.3	6.7	1	EPA 8260C Certifications:	08/12/2019 07:30	08/12/2019 13:16 NELAC-NY10854,NELAC-NY12058,NJDEP,PAC	SS

Sample Information

Client Sample ID: SB02 **York Sample ID:** 19H0455-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
19H0455	AJPL1902	Soil	August 9, 2019 12:10 pm	08/09/2019

Volatile Organics, 8260 - Comprehensive **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
98-82-8	Isopropylbenzene	ND		ug/kg dry	3.3	6.7	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	08/12/2019 07:30	08/12/2019 13:16	SS
79-20-9	Methyl acetate	ND		ug/kg dry	3.3	6.7	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PAL	08/12/2019 07:30	08/12/2019 13:16	SS
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/kg dry	3.3	6.7	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	08/12/2019 07:30	08/12/2019 13:16	SS
108-87-2	Methylcyclohexane	ND		ug/kg dry	3.3	6.7	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PAL	08/12/2019 07:30	08/12/2019 13:16	SS
75-09-2	Methylene chloride	ND		ug/kg dry	6.7	13	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	08/12/2019 07:30	08/12/2019 13:16	SS
104-51-8	n-Butylbenzene	ND		ug/kg dry	3.3	6.7	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	08/12/2019 07:30	08/12/2019 13:16	SS
103-65-1	n-Propylbenzene	ND		ug/kg dry	3.3	6.7	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	08/12/2019 07:30	08/12/2019 13:16	SS
95-47-6	o-Xylene	ND		ug/kg dry	3.3	6.7	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,PA	08/12/2019 07:30	08/12/2019 13:16	SS
179601-23-1	p- & m- Xylenes	ND		ug/kg dry	6.7	13	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,PA	08/12/2019 07:30	08/12/2019 13:16	SS
99-87-6	p-Isopropyltoluene	ND		ug/kg dry	3.3	6.7	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	08/12/2019 07:30	08/12/2019 13:16	SS
135-98-8	sec-Butylbenzene	ND		ug/kg dry	3.3	6.7	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	08/12/2019 07:30	08/12/2019 13:16	SS
100-42-5	Styrene	ND		ug/kg dry	3.3	6.7	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	08/12/2019 07:30	08/12/2019 13:16	SS
75-65-0	tert-Butyl alcohol (TBA)	ND		ug/kg dry	3.3	33	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PAL	08/12/2019 07:30	08/12/2019 13:16	SS
98-06-6	tert-Butylbenzene	ND		ug/kg dry	3.3	6.7	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	08/12/2019 07:30	08/12/2019 13:16	SS
127-18-4	**Tetrachloroethylene**	**130**		ug/kg dry	3.3	6.7	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	08/12/2019 07:30	08/12/2019 13:16	SS
108-88-3	Toluene	ND		ug/kg dry	3.3	6.7	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	08/12/2019 07:30	08/12/2019 13:16	SS
156-60-5	trans-1,2-Dichloroethylene	ND		ug/kg dry	3.3	6.7	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	08/12/2019 07:30	08/12/2019 13:16	SS
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/kg dry	3.3	6.7	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	08/12/2019 07:30	08/12/2019 13:16	SS
110-57-6	* trans-1,4-dichloro-2-butene	ND		ug/kg dry	3.3	6.7	1	EPA 8260C Certifications: CTDOH	08/12/2019 07:30	08/12/2019 13:16	SS
79-01-6	**Trichloroethylene**	**15**		ug/kg dry	3.3	6.7	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	08/12/2019 07:30	08/12/2019 13:16	SS
75-69-4	Trichlorofluoromethane	ND		ug/kg dry	3.3	6.7	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	08/12/2019 07:30	08/12/2019 13:16	SS
75-01-4	Vinyl Chloride	ND		ug/kg dry	3.3	6.7	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	08/12/2019 07:30	08/12/2019 13:16	SS

Sample Information

Client Sample ID: SB02 **York Sample ID:** 19H0455-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
19H0455	AJPL1902	Soil	August 9, 2019 12:10 pm	08/09/2019

Volatile Organics, 8260 - Comprehensive

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
1330-20-7	Xylenes, Total	ND		ug/kg dry	10	20	1	EPA 8260C	08/12/2019 07:30	08/12/2019 13:16	SS
								Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ			

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: SURR: 1,2-Dichloroethane-d4*	*104 %*	*77-125*
2037-26-5	*Surrogate: SURR: Toluene-d8*	*110 %*	*85-120*
460-00-4	*Surrogate: SURR: p-Bromofluorobenzene*	*107 %*	*76-130*

Total Solids

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	*** % Solids**	**77.7**		%	0.100	1	SM 2540G	08/12/2019 20:29	08/13/2019 12:18	TAJ
							Certifications: CTDOH			

Sample Information

Client Sample ID: SB05 **York Sample ID:** 19H0455-05

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
19H0455	AJPL1902	Soil	August 9, 2019 12:15 pm	08/09/2019

Volatile Organics, 8260 - Comprehensive

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/kg dry	4.2	8.3	1	EPA 8260C	08/12/2019 07:30	08/12/2019 13:41	SS
								Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ			
71-55-6	1,1,1-Trichloroethane	ND		ug/kg dry	4.2	8.3	1	EPA 8260C	08/12/2019 07:30	08/12/2019 13:41	SS
								Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ			
79-34-5	1,1,2,2-Tetrachloroethane	ND	IS-LO	ug/kg dry	4.2	8.3	1	EPA 8260C	08/12/2019 07:30	08/12/2019 13:41	SS
								Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ			
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/kg dry	4.2	8.3	1	EPA 8260C	08/12/2019 07:30	08/12/2019 13:41	SS
								Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ			
79-00-5	1,1,2-Trichloroethane	ND		ug/kg dry	4.2	8.3	1	EPA 8260C	08/12/2019 07:30	08/12/2019 13:41	SS
								Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ			
75-34-3	1,1-Dichloroethane	ND		ug/kg dry	4.2	8.3	1	EPA 8260C	08/12/2019 07:30	08/12/2019 13:41	SS
								Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ			
75-35-4	1,1-Dichloroethylene	ND		ug/kg dry	4.2	8.3	1	EPA 8260C	08/12/2019 07:30	08/12/2019 13:41	SS
								Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ			

Sample Information

Client Sample ID: SB05 **York Sample ID:** 19H0455-05

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
19H0455	AJPL1902	Soil	August 9, 2019 12:15 pm	08/09/2019

Volatile Organics, 8260 - Comprehensive **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
87-61-6	1,2,3-Trichlorobenzene	ND	IS-LO	ug/kg dry	4.2	8.3	1	EPA 8260C	08/12/2019 07:30	08/12/2019 13:41	SS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PAL		
96-18-4	1,2,3-Trichloropropane	ND	IS-LO	ug/kg dry	4.2	8.3	1	EPA 8260C	08/12/2019 07:30	08/12/2019 13:41	SS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP		
120-82-1	1,2,4-Trichlorobenzene	ND	IS-LO	ug/kg dry	4.2	8.3	1	EPA 8260C	08/12/2019 07:30	08/12/2019 13:41	SS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PAL		
95-63-6	1,2,4-Trimethylbenzene	ND	IS-LO	ug/kg dry	4.2	8.3	1	EPA 8260C	08/12/2019 07:30	08/12/2019 13:41	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJ		
96-12-8	1,2-Dibromo-3-chloropropane	ND	IS-LO	ug/kg dry	4.2	8.3	1	EPA 8260C	08/12/2019 07:30	08/12/2019 13:41	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJ		
106-93-4	1,2-Dibromoethane	ND		ug/kg dry	4.2	8.3	1	EPA 8260C	08/12/2019 07:30	08/12/2019 13:41	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJ		
95-50-1	1,2-Dichlorobenzene	ND	IS-LO	ug/kg dry	4.2	8.3	1	EPA 8260C	08/12/2019 07:30	08/12/2019 13:41	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJ		
107-06-2	1,2-Dichloroethane	ND		ug/kg dry	4.2	8.3	1	EPA 8260C	08/12/2019 07:30	08/12/2019 13:41	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJ		
78-87-5	1,2-Dichloropropane	ND		ug/kg dry	4.2	8.3	1	EPA 8260C	08/12/2019 07:30	08/12/2019 13:41	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJ		
108-67-8	1,3,5-Trimethylbenzene	ND	IS-LO	ug/kg dry	4.2	8.3	1	EPA 8260C	08/12/2019 07:30	08/12/2019 13:41	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJ		
541-73-1	1,3-Dichlorobenzene	ND	IS-LO	ug/kg dry	4.2	8.3	1	EPA 8260C	08/12/2019 07:30	08/12/2019 13:41	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJ		
106-46-7	1,4-Dichlorobenzene	ND	IS-LO	ug/kg dry	4.2	8.3	1	EPA 8260C	08/12/2019 07:30	08/12/2019 13:41	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJ		
123-91-1	1,4-Dioxane	ND		ug/kg dry	83	170	1	EPA 8260C	08/12/2019 07:30	08/12/2019 13:41	SS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PAL		
78-93-3	2-Butanone	ND		ug/kg dry	4.2	8.3	1	EPA 8260C	08/12/2019 07:30	08/12/2019 13:41	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJ		
591-78-6	2-Hexanone	ND		ug/kg dry	4.2	8.3	1	EPA 8260C	08/12/2019 07:30	08/12/2019 13:41	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJ		
108-10-1	4-Methyl-2-pentanone	ND		ug/kg dry	4.2	8.3	1	EPA 8260C	08/12/2019 07:30	08/12/2019 13:41	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJ		
67-64-1	**Acetone**	**13**	J	ug/kg dry	8.3	17	1	EPA 8260C	08/12/2019 07:30	08/12/2019 13:41	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJ		
107-02-8	Acrolein	ND		ug/kg dry	8.3	17	1	EPA 8260C	08/12/2019 07:30	08/12/2019 13:41	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJ		
107-13-1	Acrylonitrile	ND		ug/kg dry	4.2	8.3	1	EPA 8260C	08/12/2019 07:30	08/12/2019 13:41	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJ		
71-43-2	Benzene	ND		ug/kg dry	4.2	8.3	1	EPA 8260C	08/12/2019 07:30	08/12/2019 13:41	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJ		
74-97-5	Bromochloromethane	ND		ug/kg dry	4.2	8.3	1	EPA 8260C	08/12/2019 07:30	08/12/2019 13:41	SS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PAL		

Sample Information

Client Sample ID: SB05 **York Sample ID:** 19H0455-05

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
19H0455	AJPL1902	Soil	August 9, 2019 12:15 pm	08/09/2019

Volatile Organics, 8260 - Comprehensive **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
75-27-4	Bromodichloromethane	ND		ug/kg dry	4.2	8.3	1	EPA 8260C	08/12/2019 07:30	08/12/2019 13:41	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJ		
75-25-2	Bromoform	ND		ug/kg dry	4.2	8.3	1	EPA 8260C	08/12/2019 07:30	08/12/2019 13:41	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJ		
74-83-9	Bromomethane	ND		ug/kg dry	4.2	8.3	1	EPA 8260C	08/12/2019 07:30	08/12/2019 13:41	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJ		
75-15-0	Carbon disulfide	ND		ug/kg dry	4.2	8.3	1	EPA 8260C	08/12/2019 07:30	08/12/2019 13:41	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJ		
56-23-5	Carbon tetrachloride	ND		ug/kg dry	4.2	8.3	1	EPA 8260C	08/12/2019 07:30	08/12/2019 13:41	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJ		
108-90-7	Chlorobenzene	ND		ug/kg dry	4.2	8.3	1	EPA 8260C	08/12/2019 07:30	08/12/2019 13:41	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJ		
75-00-3	Chloroethane	ND		ug/kg dry	4.2	8.3	1	EPA 8260C	08/12/2019 07:30	08/12/2019 13:41	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJ		
67-66-3	Chloroform	ND		ug/kg dry	4.2	8.3	1	EPA 8260C	08/12/2019 07:30	08/12/2019 13:41	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJ		
74-87-3	Chloromethane	ND		ug/kg dry	4.2	8.3	1	EPA 8260C	08/12/2019 07:30	08/12/2019 13:41	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJ		
156-59-2	**cis-1,2-Dichloroethylene**	**2700**		ug/kg dry	500	1000	100	EPA 8260C	08/13/2019 07:30	08/13/2019 16:13	RDS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJ		
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/kg dry	4.2	8.3	1	EPA 8260C	08/12/2019 07:30	08/12/2019 13:41	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJ		
110-82-7	Cyclohexane	ND		ug/kg dry	4.2	8.3	1	EPA 8260C	08/12/2019 07:30	08/12/2019 13:41	SS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PAL		
124-48-1	Dibromochloromethane	ND		ug/kg dry	4.2	8.3	1	EPA 8260C	08/12/2019 07:30	08/12/2019 13:41	SS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PAL		
74-95-3	Dibromomethane	ND		ug/kg dry	4.2	8.3	1	EPA 8260C	08/12/2019 07:30	08/12/2019 13:41	SS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PAL		
75-71-8	Dichlorodifluoromethane	ND		ug/kg dry	4.2	8.3	1	EPA 8260C	08/12/2019 07:30	08/12/2019 13:41	SS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PAL		
100-41-4	Ethyl Benzene	ND		ug/kg dry	4.2	8.3	1	EPA 8260C	08/12/2019 07:30	08/12/2019 13:41	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJ		
87-68-3	Hexachlorobutadiene	ND	IS-LO	ug/kg dry	4.2	8.3	1	EPA 8260C	08/12/2019 07:30	08/12/2019 13:41	SS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PAL		
98-82-8	Isopropylbenzene	ND	IS-LO	ug/kg dry	4.2	8.3	1	EPA 8260C	08/12/2019 07:30	08/12/2019 13:41	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJ		
79-20-9	Methyl acetate	ND		ug/kg dry	4.2	8.3	1	EPA 8260C	08/12/2019 07:30	08/12/2019 13:41	SS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PAL		
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/kg dry	4.2	8.3	1	EPA 8260C	08/12/2019 07:30	08/12/2019 13:41	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJ		
108-87-2	Methylcyclohexane	ND		ug/kg dry	4.2	8.3	1	EPA 8260C	08/12/2019 07:30	08/12/2019 13:41	SS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PAL		

Sample Information

Client Sample ID: SB05 **York Sample ID:** 19H0455-05

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
19H0455	AJPL1902	Soil	August 9, 2019 12:15 pm	08/09/2019

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
75-09-2	Methylene chloride	ND		ug/kg dry	8.3	17	1	EPA 8260C	08/12/2019 07:30	08/12/2019 13:41	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJ		
104-51-8	n-Butylbenzene	ND	IS-LO	ug/kg dry	4.2	8.3	1	EPA 8260C	08/12/2019 07:30	08/12/2019 13:41	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJ		
103-65-1	n-Propylbenzene	ND	IS-LO	ug/kg dry	4.2	8.3	1	EPA 8260C	08/12/2019 07:30	08/12/2019 13:41	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJ		
95-47-6	o-Xylene	ND		ug/kg dry	4.2	8.3	1	EPA 8260C	08/12/2019 07:30	08/12/2019 13:41	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,PA		
179601-23-1	p- & m- Xylenes	ND		ug/kg dry	8.3	17	1	EPA 8260C	08/12/2019 07:30	08/12/2019 13:41	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,PA		
99-87-6	p-Isopropyltoluene	ND	IS-LO	ug/kg dry	4.2	8.3	1	EPA 8260C	08/12/2019 07:30	08/12/2019 13:41	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJ		
135-98-8	sec-Butylbenzene	ND	IS-LO	ug/kg dry	4.2	8.3	1	EPA 8260C	08/12/2019 07:30	08/12/2019 13:41	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJ		
100-42-5	Styrene	ND		ug/kg dry	4.2	8.3	1	EPA 8260C	08/12/2019 07:30	08/12/2019 13:41	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJ		
75-65-0	tert-Butyl alcohol (TBA)	ND		ug/kg dry	4.2	42	1	EPA 8260C	08/12/2019 07:30	08/12/2019 13:41	SS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PAC		
98-06-6	tert-Butylbenzene	ND	IS-LO	ug/kg dry	4.2	8.3	1	EPA 8260C	08/12/2019 07:30	08/12/2019 13:41	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJ		
127-18-4	**Tetrachloroethylene**	**21000**		ug/kg dry	500	1000	100	EPA 8260C	08/13/2019 07:30	08/13/2019 16:13	RDS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJ		
108-88-3	Toluene	ND		ug/kg dry	4.2	8.3	1	EPA 8260C	08/12/2019 07:30	08/12/2019 13:41	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJ		
156-60-5	**trans-1,2-Dichloroethylene**	**6.0**	J	ug/kg dry	4.2	8.3	1	EPA 8260C	08/12/2019 07:30	08/12/2019 13:41	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJ		
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/kg dry	4.2	8.3	1	EPA 8260C	08/12/2019 07:30	08/12/2019 13:41	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJ		
110-57-6	* trans-1,4-dichloro-2-butene	ND	IS-LO	ug/kg dry	4.2	8.3	1	EPA 8260C	08/12/2019 07:30	08/12/2019 13:41	SS
								Certifications:	CTDOH		
79-01-6	**Trichloroethylene**	**3300**		ug/kg dry	500	1000	100	EPA 8260C	08/13/2019 07:30	08/13/2019 16:13	RDS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJ		
75-69-4	Trichlorofluoromethane	ND		ug/kg dry	4.2	8.3	1	EPA 8260C	08/12/2019 07:30	08/12/2019 13:41	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJ		
75-01-4	Vinyl Chloride	ND		ug/kg dry	4.2	8.3	1	EPA 8260C	08/12/2019 07:30	08/12/2019 13:41	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJ		
1330-20-7	Xylenes, Total	ND		ug/kg dry	12	25	1	EPA 8260C	08/12/2019 07:30	08/12/2019 13:41	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJ		

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: SURR: 1,2-Dichloroethane-d4*	*106 %*	*77-125*
2037-26-5	*Surrogate: SURR: Toluene-d8*	*113 %*	*85-120*
460-00-4	*Surrogate: SURR: p-Bromofluorobenzene*	*117 %*	*76-130*

Sample Information

Client Sample ID:	SB05			York Sample ID:	19H0455-05
York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received	
19H0455	AJPL1902	Soil	August 9, 2019 12:15 pm	08/09/2019	

Total Solids **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	* % Solids	79.6		%	0.100	1	SM 2540G Certifications: CTDOH	08/12/2019 20:29	08/13/2019 12:18	TAJ

Volatile Analysis Sample Containers

Lab ID	Client Sample ID	Volatile Sample Container
19H0455-01	SB01	40mL Vial with Stir Bar-Cool 4° C
19H0455-02	SB02	40mL Vial with Stir Bar-Cool 4° C
19H0455-05	SB05	40mL Vial with Stir Bar-Cool 4° C

Sample and Data Qualifiers Relating to This Work Order

QL-02	This LCS analyte is outside Laboratory Recovery limits due the analyte behavior using the referenced method. The reference method has certain limitations with respect to analytes of this nature.
J	Detected below the Reporting Limit but greater than or equal to the Method Detection Limit (MDL/LOD) or in the case of a TIC, the result is an estimated concentration.
IS-LO	The internal std associated with this target compound did not meet acceptance criteria (area <50% CCV) at the stated dilution due to matrix effects. Sample was rerun to confirm matrix effects.
CCV-E	The value reported is ESTIMATED. The value is estimated due to its behavior during continuing calibration verification (>20% Difference for average Rf or >20% Drift for quadratic fit).

Definitions and Other Explanations

*	Analyte is not certified or the state of the samples origination does not offer certification for the Analyte.
ND	NOT DETECTED - the analyte is not detected at the Reported to level (LOQ/RL or LOD/MDL)
RL	REPORTING LIMIT - the minimum reportable value based upon the lowest point in the analyte calibration curve.
LOQ	LIMIT OF QUANTITATION - the minimum concentration of a target analyte that can be reported within a specified degree of confidence. This is the lowest point in an analyte calibration curve that has been subjected to all steps of the processing/analysis and verified to meet defined criteria. This is based upon NELAC 2009 Standards and applies to all analyses.
LOD	LIMIT OF DETECTION - a verified estimate of the minimum concentration of a substance in a given matrix that an analytical process can reliably detect. This is based upon NELAC 2009 Standards and applies to all analyses conducted under the auspices of EPA SW-846.
MDL	METHOD DETECTION LIMIT - a statistically derived estimate of the minimum amount of a substance an analytical system can reliably detect with a 99% confidence that the concentration of the substance is greater than zero. This is based upon 40 CFR Part 136 Appendix B and applies only to EPA 600 and 200 series methods.
Reported to	This indicates that the data for a particular analysis is reported to either the LOD/MDL, or the LOQ/RL. In cases where the "Reported to" is located above the LOD/MDL, any value between this and the LOQ represents an estimated value which is "J" flagged accordingly. This applies to volatile and semi-volatile target compounds only.
NR	Not reported
RPD	Relative Percent Difference
Wet	The data has been reported on an as-received (wet weight) basis
Low Bias	Low Bias flag indicates that the recovery of the flagged analyte is below the laboratory or regulatory lower control limit. The data user should take note that this analyte may be biased low but should evaluate multiple lines of evidence including the LCS and site-specific MS/MSD data to draw bias conclusions. In cases where no site-specific MS/MSD was requested, only the LCS data can be used to evaluate such bias.
High Bias	High Bias flag indicates that the recovery of the flagged analyte is above the laboratory or regulatory upper control limit. The data user should take note that this analyte may be biased high but should evaluate multiple lines of evidence including the LCS and site-specific MS/MSD data to draw bias conclusions. In cases where no site-specific MS/MSD was requested, only the LCS data can be used to evaluate such bias.
Non-Dir.	Non-dir. flag (Non-Directional Bias) indicates that the Relative Percent Difference (RPD) (a measure of precision) among the MS and MSD data is outside the laboratory or regulatory control limit. This alerts the data user where the MS and MSD are from site-specific samples that the RPD is high due to either non-homogeneous distribution of target analyte between the MS/MSD or indicates poor reproducibility for other reasons.

If EPA SW-846 method 8270 is included herein it is noted that the target compound N-nitrosodiphenylamine (NDPA) decomposes in the gas chromatographic inlet and cannot be separated from diphenylamine (DPA). These results could actually represent 100% DPA, 100% NDPA or some combination of the two. For this reason, York reports the combined result for n-nitrosodiphenylamine and diphenylamine for either of these compounds as a combined concentration as Diphenylamine.

If Total PCBs are detected and the target aroclors reported are "Not detected", the Total PCB value is reported due to the presence of either or both Aroclors 1262 and 1268 which are non-target aroclors for some regulatory lists.

2-chloroethylvinyl ether readily breaks down under acidic conditions. Samples that are acid preserved, including standards will exhibit breakdown. The data user should take note.

Certification for pH is no longer offered by NYDOH ELAP.

Semi-Volatile and Volatile analyses are reported down to the LOD/MDL, with values between the LOD/MDL and the LOQ being "J" flagged as estimated results.

For analyses by EPA SW-846-8270D, the Limit of Quantitation (LOQ) reported for benzidine is based upon the lowest standard used for calibration and is not a verified LOQ due to this compound's propensity for oxidative losses during extraction/concentration procedures and non-reproducible chromatographic performance.

York Analytical Laboratories, Inc.
120 Research Drive Stratford, CT 06815
132-02 89th Ave Queens, NY 11418
clientservices@yorklab.com
www.yorklab.com

Field Chain-of-Custody Record

NOTE: YORK's Standard Terms & Conditions are listed on the back side of this document.
This document serves as your written authorization for YORK to proceed with the analyses requested below.
Your signature binds you to YORK's Standard Terms & Conditions.

YORK Project No. 19H0455

Page 1 of 1

YOUR Information	Report To:	Invoice To:	YOUR Project Number	Turn-Around Time
Company: Castleton Environmental	Company:	Company:	AJPL1902	RUSH - Next Day
Address: 54 George St Babylon NY	Address:	Address:	YOUR Project Name	RUSH - Two Day
Phone: 631 482 1818	Phone: SAME	Phone: SAME	AJPL1902	RUSH - Three Day
Contact: Jessica Tangora	Contact:	Contact:		RUSH - Four Day
E-mail: jessica@castletonenv.com	E-mail:	E-mail:	YOUR PO#:	Standard (5-7 Day) X

Please print clearly and legibly. All information must be complete. Samples will not be logged in and the turn-around-time clock will not begin until any questions by YORK are resolved.

Samples Collected by: (print your name above and sign below)

Matrix Codes
S - soil / solid
GW - groundwater
DW - drinking water
WW - wastewater
O - Oil | Other

Samples From
New York X
New Jersey
Connecticut
Pennsylvania
Other

Report / EDD Type (circle selections)
Summary Report | CT RCP | Standard Excel EDD
QA Report | CT RCP DQA/DUE | EQuIS (Standard)
NY ASP A Package | NJDEP Reduced Deliverables | NYSDEC EQuIS
NY ASP B Package | NJDKQP | NJDEP SRP HazSite
Other: | Other:

YORK Reg. Comp.
Compared to the following Regulation(s): (please fill in)

Sample Identification	Sample Matrix	Date/Time Sampled	Analysis Requested	Container Description
SB01	S	8/9/19 12:05	VOCs by USEPA Method 8260	4ounce jar
SB02		12:10		
SB03		12:20		
SB04		12:35		
SB05		12:15		

Comments: Keep samples SB03 & SB04 on hold pending further results Please

Preservation: (check all that apply)
HCl ___ MeOH ___ HNO3 ___ H2SO4 ___ NaOH ___ ZnAc ___
Ascorbic Acid ___ Other: ___

Special Instruction
Field Filtered ___
Lab to Filter ___

Samples Relinquished by / Company	Date/Time	Samples Received by / Company	Date/Time	Samples Relinquished by / Company	Date/Time
	8/9/19 1341		8-9-19 1341		8-9-19 1546
Samples Received by / Company	Date/Time	Samples Relinquished by / Company	Date/Time	Samples Received by / Company	Date/Time
Tom A / Yorklab	8/9/19 1720	Tom A / Yorklab	8/9/19 1918		
Samples Relinquished by / Company	Date/Time	Samples Received by / Company	Date/Time	Samples Received in LAB by / Date/Time	Temp. Received at Lab
				8-9-19 1918	2.5 Degrees C

TABLE
GROUNDWATER ANALYTICAL SUMMARY
2921 WESTCHESTER AVENUE, BRONX, NEW YORK

Sample ID		NYSDEC TOGS Standards and Guidance Values - GA	GW01		GW02		GW03	
York ID			19H0456-01		19H0456-02		19H0456-03	
Sampling Date			8/9/2019 11:20:00 AM		8/9/2019 11:50:00 AM		8/9/2019 12:00:00 PM	
Client Matrix			Water		Water		Water	
Compound	CAS Number		Result	Q	Result	Q	Result	Q
Volatile Organics, 8260 - Comprehensive		ug/L	ug/L		ug/L		ug/L	
Dilution Factor			2		2		2	
1,1,1,2-Tetrachloroethane	630-20-6	5	0.400	U	0.400	U	0.400	U
1,1,1-Trichloroethane	71-55-6	5	0.400	U	0.400	U	0.400	U
1,1,2,2-Tetrachloroethane	79-34-5	5	0.400	U	0.400	U	0.400	U
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	76-13-1	5	0.400	U	0.400	U	0.400	U
1,1,2-Trichloroethane	79-00-5	1	0.400	U	0.400	U	0.400	U
1,1-Dichloroethane	75-34-3	5	0.400	U	0.400	U	0.400	U
1,1-Dichloroethylene	75-35-4	5	0.400	U	0.400	U	0.400	U
1,2,3-Trichlorobenzene	87-61-6	5	0.400	U	0.400	U	0.400	U
1,2,3-Trichloropropane	96-18-4	0.04	0.400	U	0.400	U	0.400	U
1,2,4-Trichlorobenzene	120-82-1	5	0.400	U	0.400	U	0.400	U
1,2,4-Trimethylbenzene	95-63-6	5	0.400	U	0.400	U	0.400	U
1,2-Dibromo-3-chloropropane	96-12-8	0.04	0.400	U	0.400	U	0.400	U
1,2-Dibromoethane	106-93-4	0.0006	0.400	U	0.400	U	0.400	U
1,2-Dichlorobenzene	95-50-1	3	0.400	U	0.400	U	0.400	U
1,2-Dichloroethane	107-06-2	0.6	0.400	U	0.400	U	0.400	U
1,2-Dichloropropane	78-87-5	1	0.400	U	0.400	U	0.400	U
1,3,5-Trimethylbenzene	108-67-8	5	0.400	U	0.400	U	0.400	U
1,3-Dichlorobenzene	541-73-1	3	0.400	U	0.400	U	0.400	U
1,4-Dichlorobenzene	106-46-7	3	0.400	U	0.400	U	0.400	U
1,4-Dioxane	123-91-1	~	80	U	80	U	80	U
2-Butanone	78-93-3	50	7.800	D	0.400	U	0.400	U
2-Hexanone	591-78-6	50	0.400	U	0.400	U	0.400	U
4-Methyl-2-pentanone	108-10-1	~	0.400	U	0.400	U	0.400	U
Acetone	67-64-1	50	3.200	JD	2	U	2	U
Acrolein	107-02-8	~	0.400	U	0.400	U	0.400	U
Acrylonitrile	107-13-1	~	0.400	U	0.400	U	0.400	U
Benzene	71-43-2	1	0.400	U	0.400	U	0.400	U
Bromochloromethane	74-97-5	5	0.400	U	0.400	U	0.400	U
Bromodichloromethane	75-27-4	50	0.400	U	0.400	U	0.400	U
Bromoform	75-25-2	50	0.400	U	0.400	U	0.400	U
Bromomethane	74-83-9	5	0.400	U	0.400	U	0.400	U
Carbon disulfide	75-15-0	~	0.400	U	0.400	U	0.400	U
Carbon tetrachloride	56-23-5	5	0.400	U	0.400	U	0.400	U
Chlorobenzene	108-90-7	5	0.400	U	0.400	U	0.400	U
Chloroethane	75-00-3	5	0.400	U	0.400	U	0.400	U
Chloroform	67-66-3	7	0.400	U	0.400	U	0.400	U
Chloromethane	74-87-3	5	0.400	U	0.400	U	0.400	U
cis-1,2-Dichloroethylene	156-59-2	5	32	D	96	D	93	D
cis-1,3-Dichloropropylene	10061-01-5	0.4	0.400	U	0.400	U	0.400	U
Cyclohexane	110-82-7	~	0.400	U	0.400	U	0.400	U
Dibromochloromethane	124-48-1	50	0.400	U	0.400	U	0.400	U
Dibromomethane	74-95-3	~	0.400	U	0.400	U	0.400	U
Dichlorodifluoromethane	75-71-8	5	0.400	U	0.400	U	0.400	U
Ethyl Benzene	100-41-4	5	0.400	U	0.400	U	0.400	U
Hexachlorobutadiene	87-68-3	0.5	0.400	U	0.400	U	0.400	U
Isopropylbenzene	98-82-8	5	0.400	U	0.400	U	0.400	U
Methyl acetate	79-20-9	~	0.400	U	0.400	U	0.400	U
Methyl tert-butyl ether (MTBE)	1634-04-4	10	0.400	U	0.400	U	0.400	U
Methylcyclohexane	108-87-2	~	0.400	U	0.400	U	0.400	U
Methylene chloride	75-09-2	5	2	U	2	U	2	U
n-Butylbenzene	104-51-8	5	0.400	U	0.400	U	0.400	U
n-Propylbenzene	103-65-1	5	0.400	U	0.400	U	0.400	U
o-Xylene	95-47-6	5	0.400	U	0.400	U	0.400	U
p- & m- Xylenes	179601-23-1	5	1	U	1	U	1	U
p-Isopropyltoluene	99-87-6	5	0.400	U	0.400	U	0.400	U
sec-Butylbenzene	135-98-8	5	0.400	U	0.400	U	0.400	U
Styrene	100-42-5	5	0.400	U	0.400	U	0.400	U
tert-Butyl alcohol (TBA)	75-65-0	~	1	U	1	U	1	U
tert-Butylbenzene	98-06-6	5	0.400	U	0.400	U	0.400	U
Tetrachloroethylene	127-18-4	5	130	D	72	D	67	D
Toluene	108-88-3	5	0.400	U	0.400	U	0.400	U
trans-1,2-Dichloroethylene	156-60-5	5	0.400	U	0.600	JD	0.600	JD
trans-1,3-Dichloropropylene	10061-02-6	0.4	0.400	U	0.400	U	0.400	U
trans-1,4-dichloro-2-butene	110-57-6	~	0.400	U	0.400	U	0.400	U
Trichloroethylene	79-01-6	5	9.800	D	18	D	18	D
Trichlorofluoromethane	75-69-4	5	0.400	U	0.400	U	0.400	U
Vinyl Chloride	75-01-4	2	1.400	D	1.100	D	1.100	D
Xylenes, Total	1330-20-7	5	1.200	U	1.200	U	1.200	U

NOTES:
Yellow highlight exceeds TOGS 1.1.1 Class GA Water Quality Standards and Guidance
Gray highlight indicates that the compound was reported as non-detect however, the laboratory reporting limit exceeds TOGS 1.1.1 Class GA Water Quality Standards and Guidance

Q is the Qualifier Column with definitions as follows:
D=result is from an analysis that required a dilution
J=analyte detected at or above the MDL (method detection limit) but below the RL (Reporting Limit) - data is estimated
U=analyte not detected at or above the level indicated
B=analyte found in the analysis batch blank
E=result is estimated and cannot be accurately reported due to levels encountered or interferences
~=this indicates that no regulatory limit has been established for this analyte

Technical Report

prepared for:

Castleton Environmental
54 George Street
Babylon NY, 11702
Attention: Jessica Ferngren

Report Date: 08/13/2019
Client Project ID: AJPL 1902
York Project (SDG) No.: 19H0456

Report Date: 08/13/2019
Client Project ID: AJPL 1902
York Project (SDG) No.: 19H0456

Castleton Environmental
54 George Street
Babylon NY, 11702
Attention: Jessica Ferngren

Purpose and Results

This report contains the analytical data for the sample(s) identified on the attached chain-of-custody received in our laboratory on August 09, 2019 with a temperature of 2.5 C. The project was identified as your project: **AJPL 1902**.

The analyses were conducted utilizing appropriate EPA, Standard Methods, and ASTM methods as detailed in the data summary tables.

All samples were received in proper condition meeting the customary acceptance requirements for environmental samples except those indicated under the Sample and Analysis Qualifiers section of this report.

All analyses met the method and laboratory standard operating procedure requirements except as indicated by any data flags, the meaning of which are explained in the Sample and Data Qualifiers Relating to This Work Order section of this report and case narrative if applicable.

The results of the analyses, which are all reported on dry weight basis (soils) unless otherwise noted, are detailed in the following pages.

Please contact Client Services at 203.325.1371 with any questions regarding this report.

York Sample ID	Client Sample ID	Matrix	Date Collected	Date Received
19H0456-01	GW01	Water	08/09/2019	08/09/2019
19H0456-02	GW02	Water	08/09/2019	08/09/2019
19H0456-03	GW03	Water	08/09/2019	08/09/2019

General Notes for York Project (SDG) No.: 19H0456

1. The RLs and MDLs (Reporting Limit and Method Detection Limit respectively) reported are adjusted for any dilution necessary due to the levels of target and/or non-target analytes and matrix interference. The RL(REPORTING LIMIT) is based upon the lowest standard utilized for the calibration where applicable.
2. Samples are retained for a period of thirty days after submittal of report, unless other arrangements are made.
3. York's liability for the above data is limited to the dollar value paid to York for the referenced project.
4. This report shall not be reproduced without the written approval of York Analytical Laboratories, Inc.
5. All analyses conducted met method or Laboratory SOP requirements. See the Sample and Data Qualifiers Section for further information.
6. It is noted that no analyses reported herein were subcontracted to another laboratory, unless noted in the report.
7. This report reflects results that relate only to the samples submitted on the attached chain-of-custody form(s) received by York.
8. Analyses conducted at York Analytical Laboratories, Inc. Stratford, CT are indicated by NY Cert. No. 10854; those conducted at York Analytical Laboratories, Inc., Richmond Hill, NY are indicated by NY Cert. No. 12058.

Approved By: 

Date: 08/13/2019

Benjamin Gulizia
Laboratory Director

Sample Information

Client Sample ID: GW01 **York Sample ID:** 19H0456-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
19H0456	AJPL 1902	Water	August 9, 2019 11:20 am	08/09/2019

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes: V-Sed

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/L	0.40	1.0	2	EPA 8260C	08/12/2019 07:30	08/12/2019 15:44	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJ		
71-55-6	1,1,1-Trichloroethane	ND		ug/L	0.40	1.0	2	EPA 8260C	08/12/2019 07:30	08/12/2019 15:44	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJ		
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.40	1.0	2	EPA 8260C	08/12/2019 07:30	08/12/2019 15:44	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJ		
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/L	0.40	1.0	2	EPA 8260C	08/12/2019 07:30	08/12/2019 15:44	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJ		
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.40	1.0	2	EPA 8260C	08/12/2019 07:30	08/12/2019 15:44	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJ		
75-34-3	1,1-Dichloroethane	ND		ug/L	0.40	1.0	2	EPA 8260C	08/12/2019 07:30	08/12/2019 15:44	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJ		
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.40	1.0	2	EPA 8260C	08/12/2019 07:30	08/12/2019 15:44	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJ		
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	0.40	1.0	2	EPA 8260C	08/12/2019 07:30	08/12/2019 15:44	SS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PAL		
96-18-4	1,2,3-Trichloropropane	ND		ug/L	0.40	1.0	2	EPA 8260C	08/12/2019 07:30	08/12/2019 15:44	SS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PAL		
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.40	1.0	2	EPA 8260C	08/12/2019 07:30	08/12/2019 15:44	SS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PAL		
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	0.40	1.0	2	EPA 8260C	08/12/2019 07:30	08/12/2019 15:44	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJ		
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.40	1.0	2	EPA 8260C	08/12/2019 07:30	08/12/2019 15:44	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJ		
106-93-4	1,2-Dibromoethane	ND		ug/L	0.40	1.0	2	EPA 8260C	08/12/2019 07:30	08/12/2019 15:44	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJ		
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.40	1.0	2	EPA 8260C	08/12/2019 07:30	08/12/2019 15:44	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJ		
107-06-2	1,2-Dichloroethane	ND		ug/L	0.40	1.0	2	EPA 8260C	08/12/2019 07:30	08/12/2019 15:44	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJ		
78-87-5	1,2-Dichloropropane	ND		ug/L	0.40	1.0	2	EPA 8260C	08/12/2019 07:30	08/12/2019 15:44	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJ		
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	0.40	1.0	2	EPA 8260C	08/12/2019 07:30	08/12/2019 15:44	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJ		
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.40	1.0	2	EPA 8260C	08/12/2019 07:30	08/12/2019 15:44	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJ		
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.40	1.0	2	EPA 8260C	08/12/2019 07:30	08/12/2019 15:44	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJ		
123-91-1	1,4-Dioxane	ND		ug/L	80	80	2	EPA 8260C	08/12/2019 07:30	08/12/2019 15:44	SS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PAL		
78-93-3	**2-Butanone**	**7.8**		ug/L	0.40	1.0	2	EPA 8260C	08/12/2019 07:30	08/12/2019 15:44	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJ		

Sample Information

Client Sample ID: GW01 **York Sample ID:** 19H0456-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
19H0456	AJPL 1902	Water	August 9, 2019 11:20 am	08/09/2019

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes: V-Sed

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
591-78-6	2-Hexanone	ND		ug/L	0.40	1.0	2	EPA 8260C Certifications:	08/12/2019 07:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	08/12/2019 15:44	SS
108-10-1	4-Methyl-2-pentanone	ND		ug/L	0.40	1.0	2	EPA 8260C Certifications:	08/12/2019 07:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	08/12/2019 15:44	SS
67-64-1	Acetone	3.2	J	ug/L	2.0	4.0	2	EPA 8260C Certifications:	08/12/2019 07:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	08/12/2019 15:44	SS
107-02-8	Acrolein	ND		ug/L	0.40	1.0	2	EPA 8260C Certifications:	08/12/2019 07:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	08/12/2019 15:44	SS
107-13-1	Acrylonitrile	ND		ug/L	0.40	1.0	2	EPA 8260C Certifications:	08/12/2019 07:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	08/12/2019 15:44	SS
71-43-2	Benzene	ND		ug/L	0.40	1.0	2	EPA 8260C Certifications:	08/12/2019 07:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	08/12/2019 15:44	SS
74-97-5	Bromochloromethane	ND		ug/L	0.40	1.0	2	EPA 8260C Certifications:	08/12/2019 07:30 NELAC-NY10854,NELAC-NY12058,NJDEP,PAL	08/12/2019 15:44	SS
75-27-4	Bromodichloromethane	ND		ug/L	0.40	1.0	2	EPA 8260C Certifications:	08/12/2019 07:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	08/12/2019 15:44	SS
75-25-2	Bromoform	ND		ug/L	0.40	1.0	2	EPA 8260C Certifications:	08/12/2019 07:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	08/12/2019 15:44	SS
74-83-9	Bromomethane	ND		ug/L	0.40	4.0	2	EPA 8260C Certifications:	08/12/2019 07:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	08/12/2019 15:44	SS
75-15-0	Carbon disulfide	ND		ug/L	0.40	1.0	2	EPA 8260C Certifications:	08/12/2019 07:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	08/12/2019 15:44	SS
56-23-5	Carbon tetrachloride	ND		ug/L	0.40	1.0	2	EPA 8260C Certifications:	08/12/2019 07:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	08/12/2019 15:44	SS
108-90-7	Chlorobenzene	ND		ug/L	0.40	1.0	2	EPA 8260C Certifications:	08/12/2019 07:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	08/12/2019 15:44	SS
75-00-3	Chloroethane	ND		ug/L	0.40	1.0	2	EPA 8260C Certifications:	08/12/2019 07:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	08/12/2019 15:44	SS
67-66-3	Chloroform	ND		ug/L	0.40	1.0	2	EPA 8260C Certifications:	08/12/2019 07:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	08/12/2019 15:44	SS
74-87-3	Chloromethane	ND		ug/L	0.40	1.0	2	EPA 8260C Certifications:	08/12/2019 07:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	08/12/2019 15:44	SS
156-59-2	cis-1,2-Dichloroethylene	32		ug/L	0.40	1.0	2	EPA 8260C Certifications:	08/12/2019 07:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	08/12/2019 15:44	SS
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.40	1.0	2	EPA 8260C Certifications:	08/12/2019 07:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	08/12/2019 15:44	SS
110-82-7	Cyclohexane	ND		ug/L	0.40	1.0	2	EPA 8260C Certifications:	08/12/2019 07:30 NELAC-NY10854,NELAC-NY12058,NJDEP,PAL	08/12/2019 15:44	SS
124-48-1	Dibromochloromethane	ND		ug/L	0.40	1.0	2	EPA 8260C Certifications:	08/12/2019 07:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	08/12/2019 15:44	SS
74-95-3	Dibromomethane	ND		ug/L	0.40	1.0	2	EPA 8260C Certifications:	08/12/2019 07:30 NELAC-NY10854,NELAC-NY12058,NJDEP,PAL	08/12/2019 15:44	SS
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.40	1.0	2	EPA 8260C Certifications:	08/12/2019 07:30 NELAC-NY10854,NELAC-NY12058,NJDEP,PAL	08/12/2019 15:44	SS

Sample Information

Client Sample ID: GW01 **York Sample ID:** 19H0456-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
19H0456	AJPL 1902	Water	August 9, 2019 11:20 am	08/09/2019

Volatile Organics, 8260 - Comprehensive **Log-in Notes:** **Sample Notes:** V-Sed

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
100-41-4	Ethyl Benzene	ND		ug/L	0.40	1.0	2	EPA 8260C Certifications:	08/12/2019 07:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	08/12/2019 15:44	SS
87-68-3	Hexachlorobutadiene	ND		ug/L	0.40	1.0	2	EPA 8260C Certifications:	08/12/2019 07:30 NELAC-NY10854,NELAC-NY12058,NJDEP,PAL	08/12/2019 15:44	SS
98-82-8	Isopropylbenzene	ND		ug/L	0.40	1.0	2	EPA 8260C Certifications:	08/12/2019 07:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	08/12/2019 15:44	SS
79-20-9	Methyl acetate	ND		ug/L	0.40	1.0	2	EPA 8260C Certifications:	08/12/2019 07:30 NELAC-NY10854,NELAC-NY12058,NJDEP,PAL	08/12/2019 15:44	SS
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.40	1.0	2	EPA 8260C Certifications:	08/12/2019 07:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	08/12/2019 15:44	SS
108-87-2	Methylcyclohexane	ND		ug/L	0.40	1.0	2	EPA 8260C Certifications:	08/12/2019 07:30 NELAC-NY10854,NELAC-NY12058,NJDEP,PAL	08/12/2019 15:44	SS
75-09-2	Methylene chloride	ND		ug/L	2.0	4.0	2	EPA 8260C Certifications:	08/12/2019 07:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	08/12/2019 15:44	SS
104-51-8	n-Butylbenzene	ND		ug/L	0.40	1.0	2	EPA 8260C Certifications:	08/12/2019 07:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	08/12/2019 15:44	SS
103-65-1	n-Propylbenzene	ND		ug/L	0.40	1.0	2	EPA 8260C Certifications:	08/12/2019 07:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	08/12/2019 15:44	SS
95-47-6	o-Xylene	ND		ug/L	0.40	1.0	2	EPA 8260C Certifications:	08/12/2019 07:30 CTDOH,NELAC-NY10854,NELAC-NY12058,PA	08/12/2019 15:44	SS
179601-23-1	p- & m- Xylenes	ND		ug/L	1.0	2.0	2	EPA 8260C Certifications:	08/12/2019 07:30 CTDOH,NELAC-NY10854,NELAC-NY12058,PA	08/12/2019 15:44	SS
99-87-6	p-Isopropyltoluene	ND		ug/L	0.40	1.0	2	EPA 8260C Certifications:	08/12/2019 07:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	08/12/2019 15:44	SS
135-98-8	sec-Butylbenzene	ND		ug/L	0.40	1.0	2	EPA 8260C Certifications:	08/12/2019 07:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	08/12/2019 15:44	SS
100-42-5	Styrene	ND		ug/L	0.40	1.0	2	EPA 8260C Certifications:	08/12/2019 07:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	08/12/2019 15:44	SS
75-65-0	tert-Butyl alcohol (TBA)	ND		ug/L	1.0	5.0	2	EPA 8260C Certifications:	08/12/2019 07:30 NELAC-NY10854,NELAC-NY12058,NJDEP,PAL	08/12/2019 15:44	SS
98-06-6	tert-Butylbenzene	ND		ug/L	0.40	1.0	2	EPA 8260C Certifications:	08/12/2019 07:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	08/12/2019 15:44	SS
127-18-4	**Tetrachloroethylene**	**130**		ug/L	0.40	1.0	2	EPA 8260C Certifications:	08/12/2019 07:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	08/12/2019 15:44	SS
108-88-3	Toluene	ND		ug/L	0.40	1.0	2	EPA 8260C Certifications:	08/12/2019 07:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	08/12/2019 15:44	SS
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.40	1.0	2	EPA 8260C Certifications:	08/12/2019 07:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	08/12/2019 15:44	SS
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.40	1.0	2	EPA 8260C Certifications:	08/12/2019 07:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	08/12/2019 15:44	SS
110-57-6	trans-1,4-dichloro-2-butene	ND		ug/L	0.40	1.0	2	EPA 8260C Certifications:	08/12/2019 07:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	08/12/2019 15:44	SS
79-01-6	**Trichloroethylene**	**9.8**		ug/L	0.40	1.0	2	EPA 8260C Certifications:	08/12/2019 07:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	08/12/2019 15:44	SS

Sample Information

Client Sample ID: GW01 **York Sample ID:** 19H0456-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
19H0456	AJPL 1902	Water	August 9, 2019 11:20 am	08/09/2019

Volatile Organics, 8260 - Comprehensive **Log-in Notes:** **Sample Notes:** V-Sed

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
75-69-4	Trichlorofluoromethane	ND		ug/L	0.40	1.0	2	EPA 8260C	08/12/2019 07:30	08/12/2019 15:44	SS
								Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ			
75-01-4	Vinyl Chloride	1.4		ug/L	0.40	1.0	2	EPA 8260C	08/12/2019 07:30	08/12/2019 15:44	SS
								Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ			
1330-20-7	Xylenes, Total	ND		ug/L	1.2	3.0	2	EPA 8260C	08/12/2019 07:30	08/12/2019 15:44	SS
								Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ			

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: SURR: 1,2-Dichloroethane-d4*	*87.0 %*	*69-130*
2037-26-5	*Surrogate: SURR: Toluene-d8*	*94.8 %*	*81-117*
460-00-4	*Surrogate: SURR: p-Bromofluorobenzene*	*102 %*	*79-122*

Sample Information

Client Sample ID: GW02 **York Sample ID:** 19H0456-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
19H0456	AJPL 1902	Water	August 9, 2019 11:50 am	08/09/2019

Volatile Organics, 8260 - Comprehensive **Log-in Notes:** **Sample Notes:** V-Sed

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/L	0.40	1.0	2	EPA 8260C	08/12/2019 07:30	08/12/2019 16:13	SS
								Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ			
71-55-6	1,1,1-Trichloroethane	ND		ug/L	0.40	1.0	2	EPA 8260C	08/12/2019 07:30	08/12/2019 16:13	SS
								Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ			
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.40	1.0	2	EPA 8260C	08/12/2019 07:30	08/12/2019 16:13	SS
								Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ			
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/L	0.40	1.0	2	EPA 8260C	08/12/2019 07:30	08/12/2019 16:13	SS
								Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ			
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.40	1.0	2	EPA 8260C	08/12/2019 07:30	08/12/2019 16:13	SS
								Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ			
75-34-3	1,1-Dichloroethane	ND		ug/L	0.40	1.0	2	EPA 8260C	08/12/2019 07:30	08/12/2019 16:13	SS
								Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ			
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.40	1.0	2	EPA 8260C	08/12/2019 07:30	08/12/2019 16:13	SS
								Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ			
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	0.40	1.0	2	EPA 8260C	08/12/2019 07:30	08/12/2019 16:13	SS
								Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PAL			
96-18-4	1,2,3-Trichloropropane	ND		ug/L	0.40	1.0	2	EPA 8260C	08/12/2019 07:30	08/12/2019 16:13	SS
								Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PAL			

Sample Information

Client Sample ID: GW02 **York Sample ID:** 19H0456-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
19H0456	AJPL 1902	Water	August 9, 2019 11:50 am	08/09/2019

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes: V-Sed

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.40	1.0	2	EPA 8260C Certifications:	08/12/2019 07:30	08/12/2019 16:13	SS NELAC-NY10854,NELAC-NY12058,NJDEP,PAL
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	0.40	1.0	2	EPA 8260C Certifications:	08/12/2019 07:30	08/12/2019 16:13	SS CTDOH,NELAC-NY10854,NELAC-NY12058,NJ
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.40	1.0	2	EPA 8260C Certifications:	08/12/2019 07:30	08/12/2019 16:13	SS CTDOH,NELAC-NY10854,NELAC-NY12058,NJ
106-93-4	1,2-Dibromoethane	ND		ug/L	0.40	1.0	2	EPA 8260C Certifications:	08/12/2019 07:30	08/12/2019 16:13	SS CTDOH,NELAC-NY10854,NELAC-NY12058,NJ
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.40	1.0	2	EPA 8260C Certifications:	08/12/2019 07:30	08/12/2019 16:13	SS CTDOH,NELAC-NY10854,NELAC-NY12058,NJ
107-06-2	1,2-Dichloroethane	ND		ug/L	0.40	1.0	2	EPA 8260C Certifications:	08/12/2019 07:30	08/12/2019 16:13	SS CTDOH,NELAC-NY10854,NELAC-NY12058,NJ
78-87-5	1,2-Dichloropropane	ND		ug/L	0.40	1.0	2	EPA 8260C Certifications:	08/12/2019 07:30	08/12/2019 16:13	SS CTDOH,NELAC-NY10854,NELAC-NY12058,NJ
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	0.40	1.0	2	EPA 8260C Certifications:	08/12/2019 07:30	08/12/2019 16:13	SS CTDOH,NELAC-NY10854,NELAC-NY12058,NJ
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.40	1.0	2	EPA 8260C Certifications:	08/12/2019 07:30	08/12/2019 16:13	SS CTDOH,NELAC-NY10854,NELAC-NY12058,NJ
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.40	1.0	2	EPA 8260C Certifications:	08/12/2019 07:30	08/12/2019 16:13	SS CTDOH,NELAC-NY10854,NELAC-NY12058,NJ
123-91-1	1,4-Dioxane	ND		ug/L	80	80	2	EPA 8260C Certifications:	08/12/2019 07:30	08/12/2019 16:13	SS NELAC-NY10854,NELAC-NY12058,NJDEP,PAL
78-93-3	2-Butanone	ND		ug/L	0.40	1.0	2	EPA 8260C Certifications:	08/12/2019 07:30	08/12/2019 16:13	SS CTDOH,NELAC-NY10854,NELAC-NY12058,NJ
591-78-6	2-Hexanone	ND		ug/L	0.40	1.0	2	EPA 8260C Certifications:	08/12/2019 07:30	08/12/2019 16:13	SS CTDOH,NELAC-NY10854,NELAC-NY12058,NJ
108-10-1	4-Methyl-2-pentanone	ND		ug/L	0.40	1.0	2	EPA 8260C Certifications:	08/12/2019 07:30	08/12/2019 16:13	SS CTDOH,NELAC-NY10854,NELAC-NY12058,NJ
67-64-1	Acetone	ND		ug/L	2.0	4.0	2	EPA 8260C Certifications:	08/12/2019 07:30	08/12/2019 16:13	SS CTDOH,NELAC-NY10854,NELAC-NY12058,NJ
107-02-8	Acrolein	ND		ug/L	0.40	1.0	2	EPA 8260C Certifications:	08/12/2019 07:30	08/12/2019 16:13	SS CTDOH,NELAC-NY10854,NELAC-NY12058,NJ
107-13-1	Acrylonitrile	ND		ug/L	0.40	1.0	2	EPA 8260C Certifications:	08/12/2019 07:30	08/12/2019 16:13	SS CTDOH,NELAC-NY10854,NELAC-NY12058,NJ
71-43-2	Benzene	ND		ug/L	0.40	1.0	2	EPA 8260C Certifications:	08/12/2019 07:30	08/12/2019 16:13	SS CTDOH,NELAC-NY10854,NELAC-NY12058,NJ
74-97-5	Bromochloromethane	ND		ug/L	0.40	1.0	2	EPA 8260C Certifications:	08/12/2019 07:30	08/12/2019 16:13	SS NELAC-NY10854,NELAC-NY12058,NJDEP,PAL
75-27-4	Bromodichloromethane	ND		ug/L	0.40	1.0	2	EPA 8260C Certifications:	08/12/2019 07:30	08/12/2019 16:13	SS CTDOH,NELAC-NY10854,NELAC-NY12058,NJ
75-25-2	Bromoform	ND		ug/L	0.40	1.0	2	EPA 8260C Certifications:	08/12/2019 07:30	08/12/2019 16:13	SS CTDOH,NELAC-NY10854,NELAC-NY12058,NJ

Sample Information

Client Sample ID: GW02 **York Sample ID:** 19H0456-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
19H0456	AJPL 1902	Water	August 9, 2019 11:50 am	08/09/2019

Volatile Organics, 8260 - Comprehensive **Log-in Notes:** **Sample Notes:** V-Sed

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
74-83-9	Bromomethane	ND		ug/L	0.40	4.0	2	EPA 8260C Certifications:	08/12/2019 07:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	08/12/2019 16:13	SS
75-15-0	Carbon disulfide	ND		ug/L	0.40	1.0	2	EPA 8260C Certifications:	08/12/2019 07:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	08/12/2019 16:13	SS
56-23-5	Carbon tetrachloride	ND		ug/L	0.40	1.0	2	EPA 8260C Certifications:	08/12/2019 07:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	08/12/2019 16:13	SS
108-90-7	Chlorobenzene	ND		ug/L	0.40	1.0	2	EPA 8260C Certifications:	08/12/2019 07:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	08/12/2019 16:13	SS
75-00-3	Chloroethane	ND		ug/L	0.40	1.0	2	EPA 8260C Certifications:	08/12/2019 07:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	08/12/2019 16:13	SS
67-66-3	Chloroform	ND		ug/L	0.40	1.0	2	EPA 8260C Certifications:	08/12/2019 07:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	08/12/2019 16:13	SS
74-87-3	Chloromethane	ND		ug/L	0.40	1.0	2	EPA 8260C Certifications:	08/12/2019 07:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	08/12/2019 16:13	SS
156-59-2	**cis-1,2-Dichloroethylene**	96		ug/L	0.40	1.0	2	EPA 8260C Certifications:	08/12/2019 07:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	08/12/2019 16:13	SS
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.40	1.0	2	EPA 8260C Certifications:	08/12/2019 07:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	08/12/2019 16:13	SS
110-82-7	Cyclohexane	ND		ug/L	0.40	1.0	2	EPA 8260C Certifications:	08/12/2019 07:30 NELAC-NY10854,NELAC-NY12058,NJDEP,PAL	08/12/2019 16:13	SS
124-48-1	Dibromochloromethane	ND		ug/L	0.40	1.0	2	EPA 8260C Certifications:	08/12/2019 07:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	08/12/2019 16:13	SS
74-95-3	Dibromomethane	ND		ug/L	0.40	1.0	2	EPA 8260C Certifications:	08/12/2019 07:30 NELAC-NY10854,NELAC-NY12058,NJDEP,PAL	08/12/2019 16:13	SS
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.40	1.0	2	EPA 8260C Certifications:	08/12/2019 07:30 NELAC-NY10854,NELAC-NY12058,NJDEP,PAL	08/12/2019 16:13	SS
100-41-4	Ethyl Benzene	ND		ug/L	0.40	1.0	2	EPA 8260C Certifications:	08/12/2019 07:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	08/12/2019 16:13	SS
87-68-3	Hexachlorobutadiene	ND		ug/L	0.40	1.0	2	EPA 8260C Certifications:	08/12/2019 07:30 NELAC-NY10854,NELAC-NY12058,NJDEP,PAL	08/12/2019 16:13	SS
98-82-8	Isopropylbenzene	ND		ug/L	0.40	1.0	2	EPA 8260C Certifications:	08/12/2019 07:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	08/12/2019 16:13	SS
79-20-9	Methyl acetate	ND		ug/L	0.40	1.0	2	EPA 8260C Certifications:	08/12/2019 07:30 NELAC-NY10854,NELAC-NY12058,NJDEP,PAL	08/12/2019 16:13	SS
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.40	1.0	2	EPA 8260C Certifications:	08/12/2019 07:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	08/12/2019 16:13	SS
108-87-2	Methylcyclohexane	ND		ug/L	0.40	1.0	2	EPA 8260C Certifications:	08/12/2019 07:30 NELAC-NY10854,NELAC-NY12058,NJDEP,PAL	08/12/2019 16:13	SS
75-09-2	Methylene chloride	ND		ug/L	2.0	4.0	2	EPA 8260C Certifications:	08/12/2019 07:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	08/12/2019 16:13	SS
104-51-8	n-Butylbenzene	ND		ug/L	0.40	1.0	2	EPA 8260C Certifications:	08/12/2019 07:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	08/12/2019 16:13	SS

Sample Information

Client Sample ID: GW02 **York Sample ID:** 19H0456-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
19H0456	AJPL 1902	Water	August 9, 2019 11:50 am	08/09/2019

Volatile Organics, 8260 - Comprehensive **Log-in Notes:** **Sample Notes:** V-Sed

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
103-65-1	n-Propylbenzene	ND		ug/L	0.40	1.0	2	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	08/12/2019 07:30	08/12/2019 16:13	SS
95-47-6	o-Xylene	ND		ug/L	0.40	1.0	2	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,PA	08/12/2019 07:30	08/12/2019 16:13	SS
179601-23-1	p- & m- Xylenes	ND		ug/L	1.0	2.0	2	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,PA	08/12/2019 07:30	08/12/2019 16:13	SS
99-87-6	p-Isopropyltoluene	ND		ug/L	0.40	1.0	2	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	08/12/2019 07:30	08/12/2019 16:13	SS
135-98-8	sec-Butylbenzene	ND		ug/L	0.40	1.0	2	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	08/12/2019 07:30	08/12/2019 16:13	SS
100-42-5	Styrene	ND		ug/L	0.40	1.0	2	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	08/12/2019 07:30	08/12/2019 16:13	SS
75-65-0	tert-Butyl alcohol (TBA)	ND		ug/L	1.0	5.0	2	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PAL	08/12/2019 07:30	08/12/2019 16:13	SS
98-06-6	tert-Butylbenzene	ND		ug/L	0.40	1.0	2	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	08/12/2019 07:30	08/12/2019 16:13	SS
127-18-4	**Tetrachloroethylene**	**72**		ug/L	0.40	1.0	2	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	08/12/2019 07:30	08/12/2019 16:13	SS
108-88-3	Toluene	ND		ug/L	0.40	1.0	2	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	08/12/2019 07:30	08/12/2019 16:13	SS
156-60-5	**trans-1,2-Dichloroethylene**	**0.60**	J	ug/L	0.40	1.0	2	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	08/12/2019 07:30	08/12/2019 16:13	SS
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.40	1.0	2	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	08/12/2019 07:30	08/12/2019 16:13	SS
110-57-6	trans-1,4-dichloro-2-butene	ND		ug/L	0.40	1.0	2	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	08/12/2019 07:30	08/12/2019 16:13	SS
79-01-6	**Trichloroethylene**	**18**		ug/L	0.40	1.0	2	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	08/12/2019 07:30	08/12/2019 16:13	SS
75-69-4	Trichlorofluoromethane	ND		ug/L	0.40	1.0	2	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	08/12/2019 07:30	08/12/2019 16:13	SS
75-01-4	**Vinyl Chloride**	**1.1**		ug/L	0.40	1.0	2	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	08/12/2019 07:30	08/12/2019 16:13	SS
1330-20-7	Xylenes, Total	ND		ug/L	1.2	3.0	2	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	08/12/2019 07:30	08/12/2019 16:13	SS

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: SURR: 1,2-Dichloroethane-d4*	*84.0 %*	*69-130*
2037-26-5	*Surrogate: SURR: Toluene-d8*	*96.2 %*	*81-117*
460-00-4	*Surrogate: SURR: p-Bromofluorobenzene*	*95.2 %*	*79-122*

Sample Information

Client Sample ID: GW03 **York Sample ID:** 19H0456-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
19H0456	AJPL 1902	Water	August 9, 2019 12:00 pm	08/09/2019

Volatile Organics, 8260 - Comprehensive **Log-in Notes:** **Sample Notes:** V-Sed

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/L	0.40	1.0	2	EPA 8260C	08/12/2019 07:30	08/12/2019 16:43	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJ		
71-55-6	1,1,1-Trichloroethane	ND		ug/L	0.40	1.0	2	EPA 8260C	08/12/2019 07:30	08/12/2019 16:43	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJ		
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.40	1.0	2	EPA 8260C	08/12/2019 07:30	08/12/2019 16:43	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJ		
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/L	0.40	1.0	2	EPA 8260C	08/12/2019 07:30	08/12/2019 16:43	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJ		
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.40	1.0	2	EPA 8260C	08/12/2019 07:30	08/12/2019 16:43	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJ		
75-34-3	1,1-Dichloroethane	ND		ug/L	0.40	1.0	2	EPA 8260C	08/12/2019 07:30	08/12/2019 16:43	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJ		
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.40	1.0	2	EPA 8260C	08/12/2019 07:30	08/12/2019 16:43	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJ		
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	0.40	1.0	2	EPA 8260C	08/12/2019 07:30	08/12/2019 16:43	SS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PAL		
96-18-4	1,2,3-Trichloropropane	ND		ug/L	0.40	1.0	2	EPA 8260C	08/12/2019 07:30	08/12/2019 16:43	SS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PAL		
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.40	1.0	2	EPA 8260C	08/12/2019 07:30	08/12/2019 16:43	SS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PAL		
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	0.40	1.0	2	EPA 8260C	08/12/2019 07:30	08/12/2019 16:43	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJ		
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.40	1.0	2	EPA 8260C	08/12/2019 07:30	08/12/2019 16:43	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJ		
106-93-4	1,2-Dibromoethane	ND		ug/L	0.40	1.0	2	EPA 8260C	08/12/2019 07:30	08/12/2019 16:43	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJ		
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.40	1.0	2	EPA 8260C	08/12/2019 07:30	08/12/2019 16:43	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJ		
107-06-2	1,2-Dichloroethane	ND		ug/L	0.40	1.0	2	EPA 8260C	08/12/2019 07:30	08/12/2019 16:43	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJ		
78-87-5	1,2-Dichloropropane	ND		ug/L	0.40	1.0	2	EPA 8260C	08/12/2019 07:30	08/12/2019 16:43	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJ		
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	0.40	1.0	2	EPA 8260C	08/12/2019 07:30	08/12/2019 16:43	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJ		
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.40	1.0	2	EPA 8260C	08/12/2019 07:30	08/12/2019 16:43	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJ		
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.40	1.0	2	EPA 8260C	08/12/2019 07:30	08/12/2019 16:43	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJ		
123-91-1	1,4-Dioxane	ND		ug/L	80	80	2	EPA 8260C	08/12/2019 07:30	08/12/2019 16:43	SS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PAL		
78-93-3	2-Butanone	ND		ug/L	0.40	1.0	2	EPA 8260C	08/12/2019 07:30	08/12/2019 16:43	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJ		

Sample Information

Client Sample ID: GW03 **York Sample ID:** 19H0456-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
19H0456	AJPL 1902	Water	August 9, 2019 12:00 pm	08/09/2019

Volatile Organics, 8260 - Comprehensive **Log-in Notes:** **Sample Notes:** V-Sed

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
591-78-6	2-Hexanone	ND		ug/L	0.40	1.0	2	EPA 8260C Certifications:	08/12/2019 07:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	08/12/2019 16:43	SS
108-10-1	4-Methyl-2-pentanone	ND		ug/L	0.40	1.0	2	EPA 8260C Certifications:	08/12/2019 07:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	08/12/2019 16:43	SS
67-64-1	Acetone	ND		ug/L	2.0	4.0	2	EPA 8260C Certifications:	08/12/2019 07:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	08/12/2019 16:43	SS
107-02-8	Acrolein	ND		ug/L	0.40	1.0	2	EPA 8260C Certifications:	08/12/2019 07:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	08/12/2019 16:43	SS
107-13-1	Acrylonitrile	ND		ug/L	0.40	1.0	2	EPA 8260C Certifications:	08/12/2019 07:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	08/12/2019 16:43	SS
71-43-2	Benzene	ND		ug/L	0.40	1.0	2	EPA 8260C Certifications:	08/12/2019 07:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	08/12/2019 16:43	SS
74-97-5	Bromochloromethane	ND		ug/L	0.40	1.0	2	EPA 8260C Certifications:	08/12/2019 07:30 NELAC-NY10854,NELAC-NY12058,NJDEP,PAC	08/12/2019 16:43	SS
75-27-4	Bromodichloromethane	ND		ug/L	0.40	1.0	2	EPA 8260C Certifications:	08/12/2019 07:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	08/12/2019 16:43	SS
75-25-2	Bromoform	ND		ug/L	0.40	1.0	2	EPA 8260C Certifications:	08/12/2019 07:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	08/12/2019 16:43	SS
74-83-9	Bromomethane	ND		ug/L	0.40	4.0	2	EPA 8260C Certifications:	08/12/2019 07:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	08/12/2019 16:43	SS
75-15-0	Carbon disulfide	ND		ug/L	0.40	1.0	2	EPA 8260C Certifications:	08/12/2019 07:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	08/12/2019 16:43	SS
56-23-5	Carbon tetrachloride	ND		ug/L	0.40	1.0	2	EPA 8260C Certifications:	08/12/2019 07:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	08/12/2019 16:43	SS
108-90-7	Chlorobenzene	ND		ug/L	0.40	1.0	2	EPA 8260C Certifications:	08/12/2019 07:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	08/12/2019 16:43	SS
75-00-3	Chloroethane	ND		ug/L	0.40	1.0	2	EPA 8260C Certifications:	08/12/2019 07:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	08/12/2019 16:43	SS
67-66-3	Chloroform	ND		ug/L	0.40	1.0	2	EPA 8260C Certifications:	08/12/2019 07:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	08/12/2019 16:43	SS
74-87-3	Chloromethane	ND		ug/L	0.40	1.0	2	EPA 8260C Certifications:	08/12/2019 07:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	08/12/2019 16:43	SS
156-59-2	**cis-1,2-Dichloroethylene**	93		ug/L	0.40	1.0	2	EPA 8260C Certifications:	08/12/2019 07:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	08/12/2019 16:43	SS
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.40	1.0	2	EPA 8260C Certifications:	08/12/2019 07:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	08/12/2019 16:43	SS
110-82-7	Cyclohexane	ND		ug/L	0.40	1.0	2	EPA 8260C Certifications:	08/12/2019 07:30 NELAC-NY10854,NELAC-NY12058,NJDEP,PAC	08/12/2019 16:43	SS
124-48-1	Dibromochloromethane	ND		ug/L	0.40	1.0	2	EPA 8260C Certifications:	08/12/2019 07:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	08/12/2019 16:43	SS
74-95-3	Dibromomethane	ND		ug/L	0.40	1.0	2	EPA 8260C Certifications:	08/12/2019 07:30 NELAC-NY10854,NELAC-NY12058,NJDEP,PAC	08/12/2019 16:43	SS

Sample Information

Client Sample ID: GW03 **York Sample ID:** 19H0456-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
19H0456	AJPL 1902	Water	August 9, 2019 12:00 pm	08/09/2019

Volatile Organics, 8260 - Comprehensive **Log-in Notes:** **Sample Notes:** V-Sed

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.40	1.0	2	EPA 8260C Certifications:	08/12/2019 07:30	08/12/2019 16:43 NELAC-NY10854,NELAC-NY12058,NJDEP,PAL	SS
100-41-4	Ethyl Benzene	ND		ug/L	0.40	1.0	2	EPA 8260C Certifications:	08/12/2019 07:30	08/12/2019 16:43 CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	SS
87-68-3	Hexachlorobutadiene	ND		ug/L	0.40	1.0	2	EPA 8260C Certifications:	08/12/2019 07:30	08/12/2019 16:43 NELAC-NY10854,NELAC-NY12058,NJDEP,PAL	SS
98-82-8	Isopropylbenzene	ND		ug/L	0.40	1.0	2	EPA 8260C Certifications:	08/12/2019 07:30	08/12/2019 16:43 CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	SS
79-20-9	Methyl acetate	ND		ug/L	0.40	1.0	2	EPA 8260C Certifications:	08/12/2019 07:30	08/12/2019 16:43 NELAC-NY10854,NELAC-NY12058,NJDEP,PAL	SS
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.40	1.0	2	EPA 8260C Certifications:	08/12/2019 07:30	08/12/2019 16:43 CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	SS
108-87-2	Methylcyclohexane	ND		ug/L	0.40	1.0	2	EPA 8260C Certifications:	08/12/2019 07:30	08/12/2019 16:43 NELAC-NY10854,NELAC-NY12058,NJDEP,PAL	SS
75-09-2	Methylene chloride	ND		ug/L	2.0	4.0	2	EPA 8260C Certifications:	08/12/2019 07:30	08/12/2019 16:43 CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	SS
104-51-8	n-Butylbenzene	ND		ug/L	0.40	1.0	2	EPA 8260C Certifications:	08/12/2019 07:30	08/12/2019 16:43 CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	SS
103-65-1	n-Propylbenzene	ND		ug/L	0.40	1.0	2	EPA 8260C Certifications:	08/12/2019 07:30	08/12/2019 16:43 CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	SS
95-47-6	o-Xylene	ND		ug/L	0.40	1.0	2	EPA 8260C Certifications:	08/12/2019 07:30	08/12/2019 16:43 CTDOH,NELAC-NY10854,NELAC-NY12058,PA	SS
179601-23-1	p- & m- Xylenes	ND		ug/L	1.0	2.0	2	EPA 8260C Certifications:	08/12/2019 07:30	08/12/2019 16:43 CTDOH,NELAC-NY10854,NELAC-NY12058,PA	SS
99-87-6	p-Isopropyltoluene	ND		ug/L	0.40	1.0	2	EPA 8260C Certifications:	08/12/2019 07:30	08/12/2019 16:43 CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	SS
135-98-8	sec-Butylbenzene	ND		ug/L	0.40	1.0	2	EPA 8260C Certifications:	08/12/2019 07:30	08/12/2019 16:43 CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	SS
100-42-5	Styrene	ND		ug/L	0.40	1.0	2	EPA 8260C Certifications:	08/12/2019 07:30	08/12/2019 16:43 CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	SS
75-65-0	tert-Butyl alcohol (TBA)	ND		ug/L	1.0	5.0	2	EPA 8260C Certifications:	08/12/2019 07:30	08/12/2019 16:43 NELAC-NY10854,NELAC-NY12058,NJDEP,PAL	SS
98-06-6	tert-Butylbenzene	ND		ug/L	0.40	1.0	2	EPA 8260C Certifications:	08/12/2019 07:30	08/12/2019 16:43 CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	SS
127-18-4	**Tetrachloroethylene**	67		ug/L	0.40	1.0	2	EPA 8260C Certifications:	08/12/2019 07:30	08/12/2019 16:43 CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	SS
108-88-3	Toluene	ND		ug/L	0.40	1.0	2	EPA 8260C Certifications:	08/12/2019 07:30	08/12/2019 16:43 CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	SS
156-60-5	**trans-1,2-Dichloroethylene**	**0.60**	J	ug/L	0.40	1.0	2	EPA 8260C Certifications:	08/12/2019 07:30	08/12/2019 16:43 CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	SS
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.40	1.0	2	EPA 8260C Certifications:	08/12/2019 07:30	08/12/2019 16:43 CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	SS
110-57-6	trans-1,4-dichloro-2-butene	ND		ug/L	0.40	1.0	2	EPA 8260C Certifications:	08/12/2019 07:30	08/12/2019 16:43 CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	SS

Sample Information

Client Sample ID: GW03 **York Sample ID:** 19H0456-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
19H0456	AJPL 1902	Water	August 9, 2019 12:00 pm	08/09/2019

Volatile Organics, 8260 - Comprehensive **Log-in Notes:** **Sample Notes:** V-Sed

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
79-01-6	**Trichloroethylene**	**18**		ug/L	0.40	1.0	2	EPA 8260C	08/12/2019 07:30	08/12/2019 16:43	SS
								Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ			
75-69-4	Trichlorofluoromethane	ND		ug/L	0.40	1.0	2	EPA 8260C	08/12/2019 07:30	08/12/2019 16:43	SS
								Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ			
75-01-4	**Vinyl Chloride**	**1.1**		ug/L	0.40	1.0	2	EPA 8260C	08/12/2019 07:30	08/12/2019 16:43	SS
								Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ			
1330-20-7	Xylenes, Total	ND		ug/L	1.2	3.0	2	EPA 8260C	08/12/2019 07:30	08/12/2019 16:43	SS
								Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ			

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: SURR: 1,2-Dichloroethane-d4*	*85.8 %*	*69-130*
2037-26-5	*Surrogate: SURR: Toluene-d8*	*95.7 %*	*81-117*
460-00-4	*Surrogate: SURR: p-Bromofluorobenzene*	*98.4 %*	*79-122*

Volatile Analysis Sample Containers

Lab ID	Client Sample ID	Volatile Sample Container
19H0456-01	GW01	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C
19H0456-02	GW02	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C
19H0456-03	GW03	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C

Sample and Data Qualifiers Relating to This Work Order

V-Sed	The aqueous sample submitted contained appreciable sediment which would not allow introduction into the analytical system. A dilution was made to accomplish analysis. This resulted in elevated Reporting Limits.
J	Detected below the Reporting Limit but greater than or equal to the Method Detection Limit (MDL/LOD) or in the case of a TIC, the result is an estimated concentration.
CCV-E	The value reported is ESTIMATED. The value is estimated due to its behavior during continuing calibration verification (>20% Difference for average Rf or >20% Drift for quadratic fit).

Definitions and Other Explanations

*	Analyte is not certified or the state of the samples origination does not offer certification for the Analyte.
ND	NOT DETECTED - the analyte is not detected at the Reported to level (LOQ/RL or LOD/MDL)
RL	REPORTING LIMIT - the minimum reportable value based upon the lowest point in the analyte calibration curve.
LOQ	LIMIT OF QUANTITATION - the minimum concentration of a target analyte that can be reported within a specified degree of confidence. This is the lowest point in an analyte calibration curve that has been subjected to all steps of the processing/analysis and verified to meet defined criteria. This is based upon NELAC 2009 Standards and applies to all analyses.
LOD	LIMIT OF DETECTION - a verified estimate of the minimum concentration of a substance in a given matrix that an analytical process can reliably detect. This is based upon NELAC 2009 Standards and applies to all analyses conducted under the auspices of EPA SW-846.
MDL	METHOD DETECTION LIMIT - a statistically derived estimate of the minimum amount of a substance an analytical system can reliably detect with a 99% confidence that the concentration of the substance is greater than zero. This is based upon 40 CFR Part 136 Appendix B and applies only to EPA 600 and 200 series methods.
Reported to	This indicates that the data for a particular analysis is reported to either the LOD/MDL, or the LOQ/RL. In cases where the "Reported to" is located above the LOD/MDL, any value between this and the LOQ represents an estimated value which is "J" flagged accordingly. This applies to volatile and semi-volatile target compounds only.
NR	Not reported
RPD	Relative Percent Difference
Wet	The data has been reported on an as-received (wet weight) basis
Low Bias	Low Bias flag indicates that the recovery of the flagged analyte is below the laboratory or regulatory lower control limit. The data user should take note that this analyte may be biased low but should evaluate multiple lines of evidence including the LCS and site-specific MS/MSD data to draw bias conclusions. In cases where no site-specific MS/MSD was requested, only the LCS data can be used to evaluate such bias.
High Bias	High Bias flag indicates that the recovery of the flagged analyte is above the laboratory or regulatory upper control limit. The data user should take note that this analyte may be biased high but should evaluate multiple lines of evidence including the LCS and site-specific MS/MSD data to draw bias conclusions. In cases where no site-specific MS/MSD was requested, only the LCS data can be used to evaluate such bias.
Non-Dir.	Non-dir. flag (Non-Directional Bias) indicates that the Relative Percent Difference (RPD) (a measure of precision) among the MS and MSD data is outside the laboratory or regulatory control limit. This alerts the data user where the MS and MSD are from site-specific samples that the RPD is high due to either non-homogeneous distribution of target analyte between the MS/MSD or indicates poor reproducibility for other reasons.

If EPA SW-846 method 8270 is included herein it is noted that the target compound N-nitrosodiphenylamine (NDPA) decomposes in the gas chromatographic inlet and cannot be separated from diphenylamine (DPA). These results could actually represent 100% DPA, 100% NDPA or some combination of the two. For this reason, York reports the combined result for n-nitrosodiphenylamine and diphenylamine for either of these compounds as a combined concentration as Diphenylamine.

If Total PCBs are detected and the target aroclors reported are "Not detected", the Total PCB value is reported due to the presence of either or both Aroclors 1262 and 1268 which are non-target aroclors for some regulatory lists.

2-chloroethylvinyl ether readily breaks down under acidic conditions. Samples that are acid preserved, including standards will exhibit breakdown. The data user should take note.

Certification for pH is no longer offered by NYDOH ELAP.

Semi-Volatile and Volatile analyses are reported down to the LOD/MDL, with values between the LOD/MDL and the LOQ being "J" flagged as estimated results.

For analyses by EPA SW-846-8270D, the Limit of Quantitation (LOQ) reported for benzidine is based upon the lowest standard used for calibration and is not a verified LOQ due to this compound's propensity for oxidative losses during extraction/concentration procedures and non-reproducible chromatographic performance.

York Analytical Laboratories, Inc.
120 Research Drive, Stratford, CT 06615 | 132-02 89th Ave, Queens, NY 11418
clientservices@yorklab.com
www.yorklab.com

Field Chain-of-Custody Record

NOTE: YORK's Standard Terms & Conditions are listed on the back side of this document
This document serves as your written authorization for YORK to proceed with the analyses requested below
Your signature binds you to YORK's Standard Terms & Conditions

YORK Project No. 19H0456

YOUR Information	Report To:	Invoice To:	YOUR Project Number	Turn-Around Time
Company: Castleton Environmental	Company:	Company:	AJPL1902	RUSH - Next Day
Address: 54 George St Babylon, NY	Address: SAME	Address: SAME	YOUR Project Name: AJPL1902	RUSH - Two Day
Phone: 631 415 1818	Phone:	Phone:		RUSH - Three Day X
Contact: Jessica Teengren	Contact:	Contact:		RUSH - Four Day
E-mail: jessica@castletonenv.com	E-mail:	E-mail:	YOUR PO#:	Standard (5-7 Day)

Please print clearly and legibly. All information must be complete. Samples will not be logged in and the turn-around-time clock will not begin until any questions by YORK are resolved.

Samples Collected by: (print your name above and sign below)

Matrix Codes	Samples From	Report / EDD Type (circle selections)			YORK Reg. Comp.
S - soil / solid	New York X	Summary Report	CT RCP	Standard Excel EDD	Compared to the following Regulation(s) (please fill in)
GW - groundwater	New Jersey	QA Report	CT RCP DQA/DUE	EQuIS (Standard)	
DW - drinking water	Connecticut	NY ASP A Package	NJDEP Reduced Deliverables	NYSDEC EQuIS	
WW - wastewater	Pennsylvania	NY ASP B Package		NJDEP SRP HazSite	
O - Oil / Other	Other		NJDKQP	Other	

Sample Identification	Sample Matrix	Date/Time Sampled	Analysis Requested	Container Description
GW01	GW	8/9/19 11:10	VOCs by USEPA Method 8260	3 VOAs
GW02		11:50		
GW03		12:20		

Comments:

Preservation: (check all that apply)
HCl ___ MeOH ___ HNO3 ___ H2SO4 ___ NaOH ___ ZnAc ___
Ascorbic Acid ___ Other ___

Special Instruction
Field Filtered ___
Lab to Filter ___

Samples Relinquished by / Company	Date/Time	Samples Received by / Company	Date/Time	Samples Relinquished by / Company	Date/Time
	8/9/19 13:41		8-9-19 1341		8-9-19 1545
Samples Received by / Company	Date/Time	Samples Relinquished by / Company	Date/Time	Samples Received by / Company	Date/Time
Samples Relinquished by / Company	Date/Time	Samples Received by / Company	Date/Time	Samples Received at LAB by:	Temp. Received at Lab
					2.5 °C

Attachment 2
Boring and Monitoring Well Construction Logs

TENEN ENVIRONMENTAL

		Boring No.	**MW-1**
		Sheet:	**1 OF 1**
Site:	**2925 Westchester Avenue**	**Drilling Method:**	Geoprobe
Date:	**9/27/2019**	**Soil Sampling Method:**	5' Macro-core
Weather:	**Sunny, Low 70s**	**DTW:**	5' (Perched water)
Observer:	**A. Platt**	**Driller :**	AARCO

Depth (feet)	PID Reading (ppm)	% Soil Recovery	Soil Samples	GW Monitoring Well Intervals	Soil Description
5	0 0 0	100%		2" PVC Riser (0-4')	**0-0.17'** - Concrete **0.17-5'** - Brown, fine to medium clayey SAND, moist, medium dense
10	0 0 0	100%		2" PVC Screen (4-19')	**5-10'** - Brown to gray, fine silty SAND, wet, dense
15	0 0 0	100%			**10-15'** - Brown to gray, fine silty SAND, trace gravel, wet, very dense
20	0 0 0	100%	MW-1 (16-18)		**15-19'** - Brown to gray, fine silty SAND, trace gravel, wet top 9", very dense Refusal encountered at 19 ft-bg, bedrock
25					**EOB @ 19 ft-bg**

Notes:

N/A - Not Applicable
SAA - Same as above
SP - poorly graded sand
EOB - End of Boring
ft-bg - Feet Below Grade
GP - Poorly graded gravel
PID - Photoionization Detector
SM - silty sand
SW- Well-graded sands,
DTW - Depth to Water
GW - Groundwater

TENEN ENVIRONMENTAL

		Boring No.	**MW-1-N**
		Sheet:	**1 OF 1**
Site:	**2921 Westchester Avenue**	**Drilling Method:**	Geoprobe
Date:	**9/27/2019**	**Soil Sampling Method:**	5' Macro-core
Weather:	**Sunny, Low 70s**	**DTW:**	7' (Perched water)
Observer:	**A. Platt**	**Driller :**	AARCO

Depth (feet)	PID Reading (ppm)	% Soil Recovery	Soil Samples	Soil Description
5	0 0 0	100%		**0-0.17'** - Concrete **0.17-5'** - Brown, fine to medium clayey SAND, moist, medium dense
10	0 0 0	100%		**5-10'** - Brown to gray, fine silty SAND, trace gravel, mica at bottom, wet @ 7 ft, dense
15	0 0 0	100%		**10-15'** - Gray, fine silty SAND, trace gravel, wet, very dense
20	0 0 0	100%		**15-19'** - Gray, fine silty SAND, trace gravel, wet, very dense. Refusal encountered at 19 ft-bg, bedrock
25				**EOB @ 19 ft-bg**

Notes:

N/A - Not Applicable **EOB - End of Boring** **PID - Photoionization Detector** **DTW - Depth to Water**
SAA - Same as above **ft-bg - Feet Below Grade** **SM - silty sand** **GW - Groundwater**
SP - poorly graded sand **GP - Poorly graded gravel** **SW- Well-graded sands,**

TENEN ENVIRONMENTAL

		Boring No.	**MW-2**
		Sheet:	**1 OF 1**
Site:	**2921 Westchester Avenue**	**Drilling Method:**	Geoprobe
Date:	**9/27/2019**	**Soil Sampling Method:**	5' Macro-core
Weather:	**Sunny, Low 70s**	**DTW:**	4' (Perched water)
Observer:	**A. Platt**	**Driller :**	AARCO

Depth (feet)	PID Reading (ppm)	% Soil Recovery	Soil Samples	GW Monitoring Well Intervals	Soil Description
5	0 0 0	100%		2" PVC Riser (0-4')	**0-0.17'** - Concrete **0.17-5'** - Brown, fine to medium clayey SAND, trace gravel, wet @ 4 ft, medium dense
10	0 0 0	50%		2" PVC Screen (4-19')	**5-10'** - Brown to gray, fine silty SAND, trace gravel, wet, clayey at top and soft, dense at bottom
15	0 0 0	100%			**10-15'** - Gray, fine poorly graded SAND with silt, trace gravel, wet top foot and bottom 6 inches, very dense
20	0 0 0	100%			**15-19'** - Gray, fine to medium poorly graded SAND with silt, trace gravel, wet top 2 ft, dense Refusal encountered at 19 ft-bg, bedrock
25					**EOB @ 19 ft-bg**

Notes:

N/A - Not Applicable **EOB - End of Boring** **PID - Photoionization Detector** **DTW - Depth to Water**
SAA - Same as above **ft-bg - Feet Below Grade** **SM - silty sand** **GW - Groundwater**
SP - poorly graded sand **GP - Poorly graded gravel** **SW- Well-graded sands,**

TENEN ENVIRONMENTAL

		Boring No.	**MW-3**
		Sheet:	**1 OF 1**
Site:	**2921 Westchester Avenue**	**Drilling Method:**	Hand Auger
Date:	**11/4/2019**	**Soil Sampling Method:**	Grab
Weather:	**Sunny, 40s**	**DTW:**	2" Below Basement Slab
Observer:	**A. Platt**	**Driller :**	AARCO

Depth (feet)	PID Reading (ppm)	% Soil Recovery	Soil Samples	GW Monitoring Well Intervals	Soil Description
5	0 0 0	100%		2" Pre-packed PVC Screen (0-4.5')	**0-0.17'** - Concrete **0.17-1'** - Black, medium to coarse silty SAND, gravel throughout, medium dense, wet @ 2" **1-4.5'** - Gray, fine clayey SAND with gravel, medium dense, wet
10					Refusal encountered at 4.5 ft-bg, bedrock **EOB @ 4.5 ft-bg**

Notes:

N/A - Not Applicable | **EOB - End of Boring** | **PID - Photoionization Detector** | **DTW - Depth to Water**

SAA - Same as above | **ft-bg - Feet Below Grade** | **SM - silty sand** | **GW - Groundwater**

SP - poorly graded sand | **GP - Poorly graded gravel** | **SW- Well-graded sands,**

TENEN ENVIRONMENTAL

		Boring No.	**SB-5**
		Sheet:	**1 OF 1**
Site:	**2921 Westchester Avenue**	**Drilling Method:**	Jackhammer
Date:	**2/27/2020**	**Soil Sampling Method:**	3' Macrocore
Weather:	**Windy, 40s**	**DTW:**	Below Basement Slab
Observer:	**A. Platt**	**Driller :**	AARCO

Depth (feet)	PID Reading (ppm)	% Soil Recovery	Soil Samples	Soil Description
5	0.1 0 0 0	100%	SB-5 (0-1) SB-5 (1-2) SB-5 (2-3) SB-5 (3-4)	**0-0.17'** - Concrete **0.17-4'** - Gray, medium to coarse poorly graded SAND with silt, trace pebbles, dense, wet Refusal encountered at 4 ft-bg, bedrock **EOB @ 4 ft-bg**

Notes:

N/A - Not Applicable **EOB - End of Boring** **PID - Photoionization Detector** **DTW - Depth to Water**
SAA - Same as above **ft-bg - Feet Below Grade** **SM - silty sand** **GW - Groundwater**
SP - poorly graded sand **GP - Poorly graded gravel** **SW- Well-graded sands,**

TENEN ENVIRONMENTAL

		Boring No.	**SB-5-N**
		Sheet:	**1 OF 1**
Site:	**2921 Westchester Avenue**	**Drilling Method:**	Jackhammer
Date:	**2/27/2020**	**Soil Sampling Method:**	3' Macrocore
Weather:	**Windy, 40s**	**DTW:**	Below Basement Slab
Observer:	**A. Platt**	**Driller :**	AARCO

Depth (feet)	PID Reading (ppm)	% Soil Recovery	Soil Samples	Soil Description
	0	100%	SB-5-N (0-1)	**0-0.17'** - Concrete
	4.1		SB-5-N (1-2)	**0.17-3'** - Brown to gray, fine to coarse poorly graded SAND with silt, trace pebbles, medium dense, we
	0.5		SB-5-N (2-3)	Refusal encountered at 3 ft-bg, bedrock
5				**EOB @ 3 ft-bg**

Notes:

N/A - Not Applicable **EOB - End of Boring** **PID - Photoionization Detector** **DTW - Depth to Water**
SAA - Same as above **ft-bg - Feet Below Grade** **SM - silty sand** **GW - Groundwater**
SP - poorly graded sand **GP - Poorly graded gravel** **SW- Well-graded sands,**

TENEN ENVIRONMENTAL

		Boring No.	**SB-5-E**
		Sheet:	**1 OF 1**
Site:	**2921 Westchester Avenue**	**Drilling Method:**	Jackhammer
Date:	**2/27/2020**	**Soil Sampling Method:**	3' Macrocore
Weather:	**Windy, 40s**	**DTW:**	Below Basement Slab
Observer:	**A. Platt**	**Driller :**	AARCO

Depth (feet)	PID Reading (ppm)	% Soil Recovery	Soil Samples	Soil Description
5	0.7 0.1 0	100%	SB-5-E (0-1) SB-5-E (1-2) SB-5-E (2-3)	**0-0.17'** - Concrete **0.17-3'** - Gray, fine to coarse poorly graded SAND with silt, less silty at bottom, trace gravel, dense, wet Refusal encountered at 3 ft-bg, bedrock **EOB @ 3 ft-bg**

Notes:

N/A - Not Applicable **EOB - End of Boring** **PID - Photoionization Detector** **DTW - Depth to Water**
SAA - Same as above **ft-bg - Feet Below Grade** **SM - silty sand** **GW - Groundwater**
SP - poorly graded sand **GP - Poorly graded gravel** **SW- Well-graded sands,**

TENEN ENVIRONMENTAL

		Boring No.	**SB-5-E2**
		Sheet:	**1 OF 1**
Site:	**2921 Westchester Avenue**	**Drilling Method:**	Jackhammer
Date:	**2/27/2020**	**Soil Sampling Method:**	3' Macrocore
Weather:	**Windy, 40s**	**DTW:**	Below Basement Slab
Observer:	**A. Platt**	**Driller :**	AARCO

Depth (feet)	PID Reading (ppm)	% Soil Recovery	Soil Samples	Soil Description
	0	100%	SB-5-E2 (0-1)	**0-0.17'** - Concrete
	0.2		SB-5-E2 (1-2)	**0.17-3'** - Gray to black, fine to medium poorly graded SAND with silt, less silty at bottom, dense, wet
	0.5		SB-5-E2 (2-3)	Refusal encountered at 3 ft-bg, bedrock
5				**EOB @ 3 ft-bg**

Notes:

N/A - Not Applicable **EOB - End of Boring** **PID - Photoionization Detector** **DTW - Depth to Water**
SAA - Same as above **ft-bg - Feet Below Grade** **SM - silty sand** **GW - Groundwater**
SP - poorly graded sand **GP - Poorly graded gravel** **SW- Well-graded sands,**

TENEN ENVIRONMENTAL

		Boring No.	**SB-5-W**
		Sheet:	**1 OF 1**
Site:	**2921 Westchester Avenue**	**Drilling Method:**	Jackhammer
Date:	**2/27/2020**	**Soil Sampling Method:**	3' Macrocore
Weather:	**Windy, 40s**	**DTW:**	Below Basement Slab
Observer:	**A. Platt**	**Driller :**	AARCO

Depth (feet)	PID Reading (ppm)	% Soil Recovery	Soil Samples	Soil Description
5	0 0 0	100%	SB-5-W (0-1) SB-5-W (1-2) SB-5-W (2-3)	**0-0.17'** - Concrete **0.17-3'** - Brown to gray, fine to coarse poorly graded SAND with silt, trace gravel, medium dense, wet Refusal encountered at 3 ft-bg, bedrock **EOB @ 3 ft-bg**

Notes:

N/A - Not Applicable **EOB - End of Boring** **PID - Photoionization Detector** **DTW - Depth to Water**
SAA - Same as above **ft-bg - Feet Below Grade** **SM - silty sand** **GW - Groundwater**
SP - poorly graded sand **GP - Poorly graded gravel** **SW- Well-graded sands,**

TENEN ENVIRONMENTAL

		Boring No.	**SB-5-W2**
		Sheet:	**1 OF 1**
Site:	**2921 Westchester Avenue**	**Drilling Method:**	Jackhammer
Date:	**2/27/2020**	**Soil Sampling Method:**	3' Macrocore
Weather:	**Windy, 40s**	**DTW:**	Below Basement Slab
Observer:	**A. Platt**	**Driller :**	AARCO

Depth (feet)	PID Reading (ppm)	% Soil Recovery	Soil Samples	Soil Description
	1.8	100%	SB-5-W2 (0-1)	**0-0.17'** - Concrete
	7.3		SB-5-W2 (1-2)	**0.17-2.5'** - Brown to gray, fine to coarse poorly graded SAND with silt, trace brick fragments and gravel, dense, wet
	2.5		SB-5-W2 (2-2.5)	Refusal encountered at 2.5 ft-bg, bedrock
5				**EOB @ 2.5 ft-bg**

Notes:

N/A - Not Applicable **EOB - End of Boring** **PID - Photoionization Detector** **DTW - Depth to Water**

SAA - Same as above **ft-bg - Feet Below Grade** **SM - silty sand** **GW - Groundwater**

SP - poorly graded sand **GP - Poorly graded gravel** **SW- Well-graded sands,**

TENEN ENVIRONMENTAL

		Boring No.	**SB-5-S**
		Sheet:	**1 OF 1**
Site:	**2921 Westchester Avenue**	**Drilling Method:**	Jackhammer
Date:	**2/27/2020**	**Soil Sampling Method:**	3' Macrocore
Weather:	**Windy, 40s**	**DTW:**	Below Basement Slab
Observer:	**A. Platt**	**Driller :**	AARCO

Depth (feet)	PID Reading (ppm)	% Soil Recovery	Soil Samples	Soil Description
5	0 0 0.3	100%	SB-5-S (0-1) SB-5-S (1-2) SB-5-S (2-3)	**0-0.17'** - Concrete **0.17-3'** - Black to gray, fine to medium poorly graded SAND with silt, trace gravel, dense, wet Refusal encountered at 3 ft-bg, bedrock **EOB @ 3 ft-bg**

Notes:

N/A - Not Applicable **EOB - End of Boring** **PID - Photoionization Detector** **DTW - Depth to Water**
SAA - Same as above **ft-bg - Feet Below Grade** **SM - silty sand** **GW - Groundwater**
SP - poorly graded sand **GP - Poorly graded gravel** **SW- Well-graded sands,**

Attachment 3
Indoor Air Logs

Attachment 3 - Indoor Air Logs
2921 Westchester Avenue
Groundwater and Indoor Air Investigation Letter Report

TENEN ENVIRONMENTAL

Site:	**2925 Westchester Avenue - Bronx, NY**
Weather:	**70°F, Sunny**
Date:	**9/27/2019**
Observers:	**A. Platt**

Sample ID	He (ppm)	PID (ppm)	Can ID	Flow ID	Initial Time	Final Time	Initial Pressure (in-Hg)	Final Pressure (in-Hg)
IA-1	N/A	N/A	753	0309	8:53	16:55	-29.48	-6.79
IA-2	N/A	N/A	649	0758	9:02	16:59	-29.82	-6.14
IA-3	N/A	N/A	1658	0167	9:06	17:04	-30.18	-5.46
IA-4	N/A	N/A	1798	0975	9:22	17:05	-30.24	-1.49
IA-5	N/A	N/A	738	0722	9:34	17:10	-29.49	-3.60
AA-1	N/A	N/A	2848	0048	8:03	16:11	-30.28	-6.00

Notes:
ppm: parts per million
in-Hg: inches mercury

Attachment 4
Investigation Derived Waste Disposal Manifests

NON-HAZARDOUS MANIFEST

1. Generator's US EPA ID No. . . . . Manifest Doc. No. 1434 2. Page 1 of 1

GENERATOR

3. Generator's Name and Mailing Address: 2925 Westchester Ave LLC, 2925 Westchester Ave, Bronx NY — site: same

4. Generator's Phone ( )

5. Transporter 1 Company Name: AARCO ENVIRONMENTAL SERVICES CORP. — 6. US EPA ID Number: N.Y.R.0.0.0.1.0.7.3.2.6 — A. Transporter's Phone: 631-586-5900

7. Transporter 2 Company Name — 8. US EPA ID Number — B. Transporter's Phone

9. Designated Facility Name and Site Address: DALE TRANSFER CORP., 129 DALE STREET, WEST BABYLON, NY 11704 — 10. US EPA ID Number: N/A — C. Facility's Phone: 631-393-2882

11. Waste Shipping Name and Description	12. Containers No.	12. Containers Type	13. Total Quantity	14. Unit Wt/Vol
a. NON-HAZARDOUS WASTE SOLID — Drill Cuttings	003	DM	025.00	P
b. NON-HAZARDOUS WASTE LIQUID				G
c.				
d.				

D. Additional Descriptions for Materials Listed Above

E. Handling Codes for Wastes Listed Above

15. Special Handling Instructions and Additional Information

EMERGENCY PHONE # 631-586-5900

Profile # 2019-329

16. GENERATOR'S CERTIFICATION: I certify the materials described above on this manifest are not subject to federal regulations for reporting proper disposal of Hazardous Waste.

Printed/Typed Name: X agent for Sid Summer — Signature: X — Month 10 Day 01 Year 19

TRANSPORTER

17. Transporter 1 Acknowledgment of Receipt of Materials

Printed/Typed Name: Sid Summer — Signature — Month 10 Day 01 Year 19

18. Transporter 2 Acknowledgment of Receipt of Materials

Printed/Typed Name — Signature — Month . Day . Year .

FACILITY

19. Discrepancy Indication Space

20. Facility Owner or Operator: Certification of receipt of waste materials covered by this manifest except as noted in item 19.

Printed/Typed Name: Armando Sanchez — Signature — Month 10 Day 01 Year 19

ORIGINAL – RETURN TO GENERATOR

Attachment 5
Groundwater Purge Logs and Well Survey

GROUNDWATER SAMPLING LOG

Site Name	2921 Westchester Avenue	Date	10/4/2019
Well No.	MW-1	Sample ID	MW-1

Well Diameter	2 inches	Depth to Water	9.91	ft-bg
Well Screen Interval	4-19 ft-bg	Depth to Bottom	17.82	ft-bg
Headspace PID	9.9 ppm			
Weather	60s, Partly Cloudy			

Pump	Peristaltic Pump
Water Quality Meter	Horiba U-52
Total Volume Purged	1 gallon

Time	Temperature deg-C	pH SU	ORP mV	Conductivity mS/cm	Turbidity NTU	Dissolved Oxygen mg/L	Total Dissolved Solids ppm
9:05	20.42	7.80	-53	128	6.2	0.00	2.41
9:10	20.73	7.59	-42	125	8.6	0.46	2.37
9:15	20.68	7.52	-38	108	3.8	0.76	2.32

Notes: Began purging at 9:05. Sample MW-1 collected at 9:20 for VOC analysis.

GROUNDWATER SAMPLING LOG

Site Name	2921 Westchester Avenue	Date	10/4/2019
Well No.	MW-2	Sample ID	MW-2

Well Diameter	2 inches	Depth to Water	9.17	ft-bg
Well Screen Interval	4-19 ft-bg	Depth to Bottom	18.54	ft-bg
Headspace PID	5.6 ppm			
Weather	60s, Partly Cloudy			

Pump	Peristaltic Pump
Water Quality Meter	Horiba U-52
Total Volume Purged	1 gallon

Time	Temperature deg-C	pH SU	ORP mV	Conductivity mS/cm	Turbidity NTU	Dissolved Oxygen mg/L	Total Dissolved Solids ppm
8:40	20.59	8.11	-70	149	5.0	4.79	1.74
8:45	20.19	7.89	-59	135	18.4	0.00	1.84
8:50	20.03	7.91	-59	115	13.5	0.00	1.96

Notes: Began purging at 8:40. Sample MW-2 collected at 8:55 for VOC analysis.

GROUNDWATER SAMPLING LOG

Site Name	2921 Westchester Avenue	Date	11/12/2019
Well No.	MW-3	Sample ID	MW-3

Well Diameter	2 inches	Depth to Water	0.042	ft-bg
Well Screen Interval	0-4.5 ft-bg	Depth to Bottom	4.50	ft-bg
Headspace PID	NR ppm			
Weather	30s, Overcast			

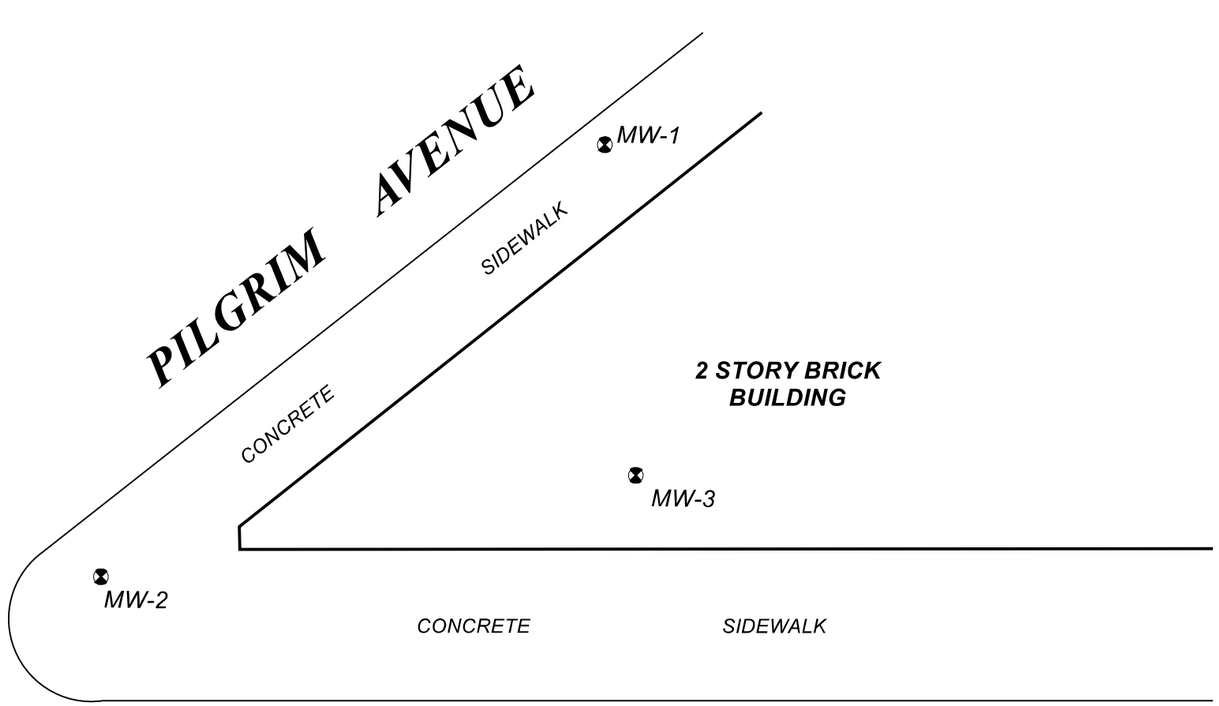
Pump	Peristaltic Pump
Water Quality Meter	Horiba U-52
Total Volume Purged	4 gallons

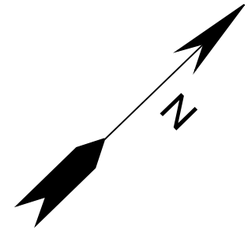
Time	Temperature deg-C	pH SU	ORP mV	Conductivity mS/cm	Turbidity NTU	Dissolved Oxygen mg/L	Total Dissolved Solids ppm
11:55	17.27	8.28	75	2.91	0.0	0.00	1.86
12:05	15.86	7.86	6	2.72	273	0.00	1.74
12:15	15.74	7.82	21	2.64	68.6	0.00	1.69
12:25	15.71	7.82	35	2.61	110	0.00	1.67
12:35	15.69	7.81	40	2.60	36.3	0.00	1.66

Notes: Began purging at 11:45. Hooked up Horiba at 11:53. Sample MW-3 collected at 12:40 for VOC analysis.

WELL ELEVATION TABLE

WELL I.D.	ELEVATION TOP OF CASING	ELEVATION TOP OF PVC
MW-1	59.66	59.35
MW-2	58.34	57.96
MW-3	49.91	49.61





WESTCHESTER AVENUE

NOTES:

-DATE OF FIELD SURVEY: NOVEMBER 20, 2019

-HORIZONTAL AND VERTICAL DATUM: ASSUMED

DONALD R. STEDGE, L.S.
NYS LIC. NO. 49759

WELL ELEVATION SURVEY

2925 WESTCHESTER AVENUE

BRONX

BRONX COUNTY — NEW YORK
SCALE: 1" = 20' — NOVEMBER 20, 2019

DONALD R. STEDGE, P.L.S.
112 MURRAY AVENUE
GOSHEN, NY 10924
(845) 325-9734

JOB NO. 1853

Attachment 6
Laboratory Deliverables

ANALYTICAL REPORT

Lab Number:	L1945056
Client:	Tenen Environmental, LLC 121 West 27th Street Suite 702 New York City, NY 10001
ATTN:	Alana Carroll
Phone:	(646) 606-2332
Project Name:	2925 WESTCHESTER AVE
Project Number:	2925 WESTCHESTER AVE
Report Date:	10/04/19

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: 2925 WESTCHESTER AVE
Project Number: 2925 WESTCHESTER AVE

Lab Number: L1945056
Report Date: 10/04/19

Alpha Sample ID	Client ID	Matrix	Sample Location	Collection Date/Time	Receive Date
L1945056-01	MW-1 (16-18)	SOIL	2925 WESTCHESTER AVE	09/27/19 10:20	09/27/19

Project Name:	2925 WESTCHESTER AVE	**Lab Number:**	L1945056
Project Number:	2925 WESTCHESTER AVE	**Report Date:**	10/04/19

Case Narrative

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

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

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

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

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

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

Project Name:	2925 WESTCHESTER AVE	**Lab Number:**	L1945056
Project Number:	2925 WESTCHESTER AVE	**Report Date:**	10/04/19

Case Narrative (continued)

Report Submission

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

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: Tiffani Morrissey - Tiffani Morrissey

Title: Technical Director/Representative Date: 10/04/19

ORGANICS

VOLATILES

Project Name: 2925 WESTCHESTER AVE **Lab Number:** L1945056

Project Number: 2925 WESTCHESTER A\ **Report Date:** 10/04/19

SAMPLE RESULTS

Lab ID: L1945056-01
Client ID: MW-1 (16-18)
Sample Location: 2925 WESTCHESTER AVE

Date Collected: 09/27/19 10:20
Date Received: 09/27/19
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8260C
Analytical Date: 10/04/19 00:10
Analyst: MV
Percent Solids: 94%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
Methylene chloride	ND		ug/kg	4.5	2.1	1
1,1-Dichloroethane	ND		ug/kg	0.90	0.13	1
Chloroform	0.17	J	ug/kg	1.4	0.13	1
Carbon tetrachloride	ND		ug/kg	0.90	0.21	1
1,2-Dichloropropane	ND		ug/kg	0.90	0.11	1
Dibromochloromethane	ND		ug/kg	0.90	0.13	1
1,1,2-Trichloroethane	ND		ug/kg	0.90	0.24	1
Tetrachloroethene	ND		ug/kg	0.45	0.18	1
Chlorobenzene	ND		ug/kg	0.45	0.11	1
Trichlorofluoromethane	ND		ug/kg	3.6	0.63	1
1,2-Dichloroethane	ND		ug/kg	0.90	0.23	1
1,1,1-Trichloroethane	ND		ug/kg	0.45	0.15	1
Bromodichloromethane	ND		ug/kg	0.45	0.10	1
trans-1,3-Dichloropropene	ND		ug/kg	0.90	0.25	1
cis-1,3-Dichloropropene	ND		ug/kg	0.45	0.14	1
1,3-Dichloropropene, Total	ND		ug/kg	0.45	0.14	1
1,1-Dichloropropene	ND		ug/kg	0.45	0.14	1
Bromoform	ND		ug/kg	3.6	0.22	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	0.45	0.15	1
Benzene	ND		ug/kg	0.45	0.15	1
Toluene	ND		ug/kg	0.90	0.49	1
Ethylbenzene	ND		ug/kg	0.90	0.13	1
Chloromethane	ND		ug/kg	3.6	0.84	1
Bromomethane	ND		ug/kg	1.8	0.53	1
Vinyl chloride	ND		ug/kg	0.90	0.30	1
Chloroethane	ND		ug/kg	1.8	0.41	1
1,1-Dichloroethene	ND		ug/kg	0.90	0.22	1
trans-1,2-Dichloroethene	ND		ug/kg	1.4	0.12	1

Project Name: 2925 WESTCHESTER AVE **Lab Number:** L1945056

Project Number: 2925 WESTCHESTER A\ **Report Date:** 10/04/19

SAMPLE RESULTS

Lab ID: L1945056-01 Date Collected: 09/27/19 10:20

Client ID: MW-1 (16-18) Date Received: 09/27/19

Sample Location: 2925 WESTCHESTER AVE 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	0.45	0.12	1
1,2-Dichlorobenzene	ND		ug/kg	1.8	0.13	1
1,3-Dichlorobenzene	ND		ug/kg	1.8	0.13	1
1,4-Dichlorobenzene	ND		ug/kg	1.8	0.15	1
Methyl tert butyl ether	ND		ug/kg	1.8	0.18	1
p/m-Xylene	ND		ug/kg	1.8	0.51	1
o-Xylene	ND		ug/kg	0.90	0.26	1
Xylenes, Total	ND		ug/kg	0.90	0.26	1
cis-1,2-Dichloroethene	ND		ug/kg	0.90	0.16	1
1,2-Dichloroethene, Total	ND		ug/kg	0.90	0.12	1
Dibromomethane	ND		ug/kg	1.8	0.22	1
Styrene	ND		ug/kg	0.90	0.18	1
Dichlorodifluoromethane	ND		ug/kg	9.0	0.83	1
Acetone	5.4	J	ug/kg	9.0	4.4	1
Carbon disulfide	ND		ug/kg	9.0	4.1	1
2-Butanone	ND		ug/kg	9.0	2.0	1
Vinyl acetate	ND		ug/kg	9.0	1.9	1
4-Methyl-2-pentanone	ND		ug/kg	9.0	1.2	1
1,2,3-Trichloropropane	ND		ug/kg	1.8	0.11	1
2-Hexanone	ND		ug/kg	9.0	1.1	1
Bromochloromethane	ND		ug/kg	1.8	0.18	1
2,2-Dichloropropane	ND		ug/kg	1.8	0.18	1
1,2-Dibromoethane	ND		ug/kg	0.90	0.25	1
1,3-Dichloropropane	ND		ug/kg	1.8	0.15	1
1,1,1,2-Tetrachloroethane	ND		ug/kg	0.45	0.12	1
Bromobenzene	ND		ug/kg	1.8	0.13	1
n-Butylbenzene	ND		ug/kg	0.90	0.15	1
sec-Butylbenzene	ND		ug/kg	0.90	0.13	1
tert-Butylbenzene	ND		ug/kg	1.8	0.11	1
o-Chlorotoluene	ND		ug/kg	1.8	0.17	1
p-Chlorotoluene	ND		ug/kg	1.8	0.10	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	2.7	0.90	1
Hexachlorobutadiene	ND		ug/kg	3.6	0.15	1
Isopropylbenzene	ND		ug/kg	0.90	0.10	1
p-Isopropyltoluene	ND		ug/kg	0.90	0.10	1
Naphthalene	ND		ug/kg	3.6	0.59	1
Acrylonitrile	ND		ug/kg	3.6	1.0	1

Project Name: 2925 WESTCHESTER AVE **Lab Number:** L1945056

Project Number: 2925 WESTCHESTER A\ **Report Date:** 10/04/19

SAMPLE RESULTS

Lab ID: L1945056-01 Date Collected: 09/27/19 10:20

Client ID: MW-1 (16-18) Date Received: 09/27/19

Sample Location: 2925 WESTCHESTER AVE 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	0.90	0.15	1
1,2,3-Trichlorobenzene	ND		ug/kg	1.8	0.29	1
1,2,4-Trichlorobenzene	ND		ug/kg	1.8	0.25	1
1,3,5-Trimethylbenzene	ND		ug/kg	1.8	0.17	1
1,2,4-Trimethylbenzene	ND		ug/kg	1.8	0.30	1
1,4-Dioxane	ND		ug/kg	72	32.	1
p-Diethylbenzene	ND		ug/kg	1.8	0.16	1
p-Ethyltoluene	ND		ug/kg	1.8	0.35	1
1,2,4,5-Tetramethylbenzene	ND		ug/kg	1.8	0.17	1
Ethyl ether	ND		ug/kg	1.8	0.31	1
trans-1,4-Dichloro-2-butene	ND		ug/kg	4.5	1.3	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	88		70-130
Toluene-d8	95		70-130
4-Bromofluorobenzene	98		70-130
Dibromofluoromethane	98		70-130

Project Name: 2925 WESTCHESTER AVE **Lab Number:** L1945056

Project Number: 2925 WESTCHESTER AVE **Report Date:** 10/04/19

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260C
Analytical Date: 10/03/19 18:43
Analyst: AD

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by EPA 5035 Low - Westborough Lab for sample(s): 01 Batch: WG1292182-5					
Methylene chloride	ND		ug/kg	5.0	2.3
1,1-Dichloroethane	ND		ug/kg	1.0	0.14
Chloroform	0.30	J	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: 2925 WESTCHESTER AVE
Project Number: 2925 WESTCHESTER AVE
Lab Number: L1945056
Report Date: 10/04/19

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260C
Analytical Date: 10/03/19 18:43
Analyst: AD

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by EPA 5035 Low - Westborough Lab for sample(s): 01 Batch: WG1292182-5					
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	ND		ug/kg	1.0	0.20
Dichlorodifluoromethane	ND		ug/kg	10	0.92
Acetone	ND		ug/kg	10	4.8
Carbon disulfide	ND		ug/kg	10	4.6
2-Butanone	ND		ug/kg	10	2.2
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: 2925 WESTCHESTER AVE **Lab Number:** L1945056

Project Number: 2925 WESTCHESTER AVE **Report Date:** 10/04/19

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260C
Analytical Date: 10/03/19 18:43
Analyst: AD

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by EPA 5035 Low - Westborough Lab for sample(s): 01 Batch: WG1292182-5					
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

Surrogate	%Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	85		70-130
Toluene-d8	92		70-130
4-Bromofluorobenzene	92		70-130
Dibromofluoromethane	95		70-130

Lab Control Sample Analysis

Batch Quality Control

Project Name: 2925 WESTCHESTER AVE

Project Number: 2925 WESTCHESTER AVE

Lab Number: L1945056

Report Date: 10/04/19

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by EPA 5035 Low - Westborough Lab Associated sample(s): 01 Batch: WG1292182-3 WG1292182-4								
Methylene chloride	109		107		70-130	2		30
1,1-Dichloroethane	111		109		70-130	2		30
Chloroform	100		99		70-130	1		30
Carbon tetrachloride	102		101		70-130	1		30
1,2-Dichloropropane	115		114		70-130	1		30
Dibromochloromethane	102		101		70-130	1		30
1,1,2-Trichloroethane	104		100		70-130	4		30
Tetrachloroethene	114		110		70-130	4		30
Chlorobenzene	109		105		70-130	4		30
Trichlorofluoromethane	91		88		70-139	3		30
1,2-Dichloroethane	97		96		70-130	1		30
1,1,1-Trichloroethane	104		102		70-130	2		30
Bromodichloromethane	106		106		70-130	0		30
trans-1,3-Dichloropropene	102		101		70-130	1		30
cis-1,3-Dichloropropene	117		116		70-130	1		30
1,1-Dichloropropene	111		109		70-130	2		30
Bromoform	99		98		70-130	1		30
1,1,2,2-Tetrachloroethane	96		96		70-130	0		30
Benzene	115		113		70-130	2		30
Toluene	108		104		70-130	4		30
Ethylbenzene	106		103		70-130	3		30
Chloromethane	117		112		52-130	4		30
Bromomethane	79		77		57-147	3		30

Lab Control Sample Analysis

Batch Quality Control

Project Name: 2925 WESTCHESTER AVE

Project Number: 2925 WESTCHESTER AVE

Lab Number: L1945056

Report Date: 10/04/19

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by EPA 5035 Low - Westborough Lab Associated sample(s): 01 Batch: WG1292182-3 WG1292182-4								
Vinyl chloride	88		83		67-130	6		30
Chloroethane	74		68		50-151	8		30
1,1-Dichloroethene	91		113		65-135	22		30
trans-1,2-Dichloroethene	118		115		70-130	3		30
Trichloroethene	115		112		70-130	3		30
1,2-Dichlorobenzene	102		101		70-130	1		30
1,3-Dichlorobenzene	104		101		70-130	3		30
1,4-Dichlorobenzene	104		100		70-130	4		30
Methyl tert butyl ether	107		105		66-130	2		30
p/m-Xylene	112		108		70-130	4		30
o-Xylene	111		107		70-130	4		30
cis-1,2-Dichloroethene	116		112		70-130	4		30
Dibromomethane	109		106		70-130	3		30
Styrene	105		101		70-130	4		30
Dichlorodifluoromethane	96		92		30-146	4		30
Acetone	105		99		54-140	6		30
Carbon disulfide	108		108		59-130	0		30
2-Butanone	105		114		70-130	8		30
Vinyl acetate	104		103		70-130	1		30
4-Methyl-2-pentanone	102		102		70-130	0		30
1,2,3-Trichloropropane	91		87		68-130	4		30
2-Hexanone	87		88		70-130	1		30
Bromochloromethane	118		112		70-130	5		30

Lab Control Sample Analysis

Batch Quality Control

Project Name: 2925 WESTCHESTER AVE

Project Number: 2925 WESTCHESTER AVE

Lab Number: L1945056

Report Date: 10/04/19

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by EPA 5035 Low - Westborough Lab Associated sample(s): 01 Batch: WG1292182-3 WG1292182-4								
2,2-Dichloropropane	108		105		70-130	3		30
1,2-Dibromoethane	105		104		70-130	1		30
1,3-Dichloropropane	103		100		69-130	3		30
1,1,1,2-Tetrachloroethane	105		104		70-130	1		30
Bromobenzene	103		102		70-130	1		30
n-Butylbenzene	100		96		70-130	4		30
sec-Butylbenzene	101		98		70-130	3		30
tert-Butylbenzene	103		99		70-130	4		30
o-Chlorotoluene	84		82		70-130	2		30
p-Chlorotoluene	101		98		70-130	3		30
1,2-Dibromo-3-chloropropane	88		88		68-130	0		30
Hexachlorobutadiene	106		101		67-130	5		30
Isopropylbenzene	104		100		70-130	4		30
p-Isopropyltoluene	105		102		70-130	3		30
Naphthalene	103		103		70-130	0		30
Acrylonitrile	115		116		70-130	1		30
n-Propylbenzene	101		97		70-130	4		30
1,2,3-Trichlorobenzene	107		106		70-130	1		30
1,2,4-Trichlorobenzene	113		111		70-130	2		30
1,3,5-Trimethylbenzene	102		100		70-130	2		30
1,2,4-Trimethylbenzene	103		100		70-130	3		30
1,4-Dioxane	103		101		65-136	2		30
p-Diethylbenzene	108		104		70-130	4		30

Lab Control Sample Analysis
Batch Quality Control

Project Name: 2925 WESTCHESTER AVE
Project Number: 2925 WESTCHESTER AVE

Lab Number: L1945056
Report Date: 10/04/19

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by EPA 5035 Low - Westborough Lab Associated sample(s): 01 Batch: WG1292182-3 WG1292182-4								
p-Ethyltoluene	104		100		70-130	4		30
1,2,4,5-Tetramethylbenzene	107		104		70-130	3		30
Ethyl ether	77		71		67-130	8		30
trans-1,4-Dichloro-2-butene	93		82		70-130	13		30

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
1,2-Dichloroethane-d4	80		83		70-130
Toluene-d8	98		96		70-130
4-Bromofluorobenzene	94		94		70-130
Dibromofluoromethane	96		97		70-130

INORGANICS
&
MISCELLANEOUS

Project Name: 2925 WESTCHESTER AVE
Project Number: 2925 WESTCHESTER AVE

Lab Number: L1945056
Report Date: 10/04/19

SAMPLE RESULTS

Lab ID: L1945056-01
Client ID: MW-1 (16-18)
Sample Location: 2925 WESTCHESTER AVE

Date Collected: 09/27/19 10:20
Date Received: 09/27/19
Field Prep: Not Specified

Sample Depth:
Matrix: Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	93.6		%	0.100	NA	1	-	09/28/19 09:10	121,2540G	RI

Lab Duplicate Analysis

Batch Quality Control

Project Name: 2925 WESTCHESTER AVE

Project Number: 2925 WESTCHESTER AVE

Lab Number: L1945056

Report Date: 10/04/19

Parameter	Native Sample	Duplicate Sample	Units	RPD	Qual	RPD Limits
General Chemistry - Westborough Lab Associated sample(s): 01 QC Batch ID: WG1289790-1 QC Sample: L1944986-01 Client ID: DUP Sample						
Solids, Total	91.7	90.7	%	1		20

Project Name: 2925 WESTCHESTER AVE
Project Number: 2925 WESTCHESTER AVE

Lab Number: L1945056
Report Date: 10/04/19

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(*)
L1945056-01A	5 gram Encore Sampler	A	NA		4.2	Y	Absent		NYTCL-8260HLW(14)
L1945056-01B	5 gram Encore Sampler	A	NA		4.2	Y	Absent		NYTCL-8260HLW(14)
L1945056-01C	5 gram Encore Sampler	A	NA		4.2	Y	Absent		NYTCL-8260HLW(14)
L1945056-01D	Plastic 2oz unpreserved for TS	A	NA		4.2	Y	Absent		TS(7)
L1945056-01X	Vial MeOH preserved split	A	NA		4.2	Y	Absent		NYTCL-8260HLW(14)
L1945056-01Y	Vial Water preserved split	A	NA		4.2	Y	Absent	28-SEP-19 12:03	NYTCL-8260HLW(14)
L1945056-01Z	Vial Water preserved split	A	NA		4.2	Y	Absent	28-SEP-19 12:03	NYTCL-8260HLW(14)

*Values in parentheses indicate holding time in days

Project Name:	2925 WESTCHESTER AVE	**Lab Number:**	L1945056
Project Number:	2925 WESTCHESTER AVE	**Report Date:**	10/04/19

GLOSSARY

Acronyms

DL - Detection Limit: This value represents the level to which target analyte concentrations are reported as estimated values, when those target analyte concentrations are quantified below the limit of quantitation (LOQ). The DL includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.)

EDL - Estimated Detection Limit: This value represents the level to which target analyte concentrations are reported as estimated values, when those target analyte concentrations are quantified below the reporting limit (RL). The EDL includes any adjustments from dilutions, concentrations or moisture content, where applicable. The use of EDLs is specific to the analysis of PAHs using Solid-Phase Microextraction (SPME).

EMPC - Estimated Maximum Possible Concentration: The concentration that results from the signal present at the retention time of an analyte when the ions meet all of the identification criteria except the ion abundance ratio criteria. An EMPC is a worst-case estimate of the concentration.

EPA - Environmental Protection Agency.

LCS - Laboratory Control Sample: A sample matrix, free from the analytes of interest, spiked with verified known amounts of analytes or a material containing known and verified amounts of analytes.

LCSD - Laboratory Control Sample Duplicate: Refer to LCS.

LFB - Laboratory Fortified Blank: A sample matrix, free from the analytes of interest, spiked with verified known amounts of analytes or a material containing known and verified amounts of analytes.

LOD - Limit of Detection: This value represents the level to which a target analyte can reliably be detected for a specific analyte in a specific matrix by a specific method. The LOD includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.)

LOQ - Limit of Quantitation: The value at which an instrument can accurately measure an analyte at a specific concentration. The LOQ includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.)

Limit of Quantitation: The value at which an instrument can accurately measure an analyte at a specific concentration. The LOQ includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.)

MDL - Method Detection Limit: This value represents the level to which target analyte concentrations are reported as estimated values, when those target analyte concentrations are quantified below the reporting limit (RL). The MDL includes any adjustments from dilutions, concentrations or moisture content, where applicable.

MS - Matrix Spike Sample: A sample prepared by adding a known mass of target analyte to a specified amount of matrix sample for which an independent estimate of target analyte concentration is available. 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.

RL - Reporting Limit: The value at which an instrument can accurately measure an analyte at a specific concentration. The RL includes any adjustments from dilutions, concentrations or moisture content, where applicable.

RPD - Relative Percent Difference: The results from matrix and/or matrix spike duplicates are primarily designed to assess the precision of analytical results in a given matrix and are expressed as relative percent difference (RPD). Values which are less than five times the reporting limit for any individual parameter are evaluated by utilizing the absolute difference between the values; although the RPD value will be provided in the report.

SRM - Standard Reference Material: A reference sample of a known or certified value that is of the same or similar matrix as the associated field samples.

STLP - Semi-dynamic Tank Leaching Procedure per EPA Method 1315.

TEF - Toxic Equivalency Factors: The values assigned to each dioxin and furan to evaluate their toxicity relative to 2,3,7,8-TCDD.

TEQ - Toxic Equivalent: The measure of a sample's toxicity derived by multiplying each dioxin and furan by its corresponding TEF and then summing the resulting values.

TIC - Tentatively Identified Compound: A compound that has been identified to be present and is not part of the target compound list (TCL) for the method and/or program. All TICs are qualitatively identified and reported as estimated concentrations.

Footnotes

Report Format: DU Report with 'J' Qualifiers

Project Name:	2925 WESTCHESTER AVE	**Lab Number:**	L1945056
Project Number:	2925 WESTCHESTER AVE	**Report Date:**	10/04/19

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.

PFAS Total: With respect to PFAS analyses, the 'PFAS, Total (5)' result is defined as the summation of results for: PFHpA, PFHxS, PFOA, PFNA and PFOS. If a 'Total' result is requested, the results of its individual components will also be reported.

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

Data Qualifiers

A - Spectra identified as "Aldol 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.

G - The concentration may be biased high due to matrix interferences (i.e, co-elution) with non-target compound(s). The result should be considered estimated.

H - The analysis of pH was performed beyond the regulatory-required holding time of 15 minutes from the time of sample collection.

I - The lower value for the two columns has been reported due to obvious interference.

J - Estimated value. The Target analyte concentration is below the quantitation limit (RL), but above the Method Detection Limit (MDL) or Estimated Detection Limit (EDL) for SPME-related analyses. This represents an estimated concentration for Tentatively Identified Compounds (TICs).

M - Reporting Limit (RL) exceeds the MCP CAM Reporting Limit for this analyte.

ND - Not detected at the method detection limit (MDL) for the sample, or estimated detection limit (EDL) for SPME-related analyses.

NJ - Presumptive evidence of compound. This represents an estimated concentration for Tentatively Identified Compounds (TICs), where the identification is based on a mass spectral library search.

P - The RPD between the results for the two columns exceeds the method-specified criteria.

Q - The quality control sample exceeds the associated acceptance criteria. For DOD-related projects, LCS and/or Continuing Calibration Standard exceedences are also qualified on all associated sample results. Note: This flag is not applicable for matrix spike recoveries when the sample concentration is greater than 4x the spike added or for batch duplicate RPD when the sample concentrations are less than 5x the RL. (Metals only.)

R - Analytical results are from sample re-analysis.

RE - Analytical results are from sample re-extraction.

S - Analytical results are from modified screening analysis.

Report Format: DU Report with 'J' Qualifiers

Project Name:	2925 WESTCHESTER AVE	**Lab Number:**	L1945056
Project Number:	2925 WESTCHESTER AVE	**Report Date:**	10/04/19

REFERENCES

1 Test Methods for Evaluating Solid Waste: Physical/Chemical Methods. EPA SW-846. Third Edition. Updates I - IV, 2007.

121 Standard Methods for the Examination of Water and Wastewater. APHA-AWWA-WEF. Standard Methods Online.

LIMITATION OF LIABILITIES

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

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

Certification Information

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

Westborough Facility
EPA 624/624.1: m/p-xylene, o-xylene
EPA 8260C: NPW: 1,2,4,5-Tetramethylbenzene; 4-Ethyltoluene, Azobenzene; SCM: Iodomethane (methyl iodide), 1,2,4,5-Tetramethylbenzene; 4-Ethyltoluene.
EPA 8270D: NPW: Dimethylnaphthalene,1,4-Diphenylhydrazine; 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, SM4500Cl-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, **LACHAT 10-107-06-1-B**: Ammonia-N, **EPA 351.1, SM4500NO3-F, EPA 353.2**: Nitrate-N**, SM4500P-E, SM4500P-B, E, SM4500SO4-E, SM5220D, EPA 410.4, SM5210B, SM5310C, SM4500CL-D, EPA 1664, EPA 420.1, SM4500-CN-CE, SM2540D, EPA 300: Chloride, Sulfate, Nitrate.**
EPA 624.1: Volatile Halocarbons & Aromatics,
EPA 608.3: Chlordane, Toxaphene, Aldrin, alpha-BHC, beta-BHC, gamma-BHC, delta-BHC, Dieldrin, DDD, DDE, DDT, Endosulfan I, Endosulfan II, Endosulfan sulfate, Endrin, Endrin Aldehyde, Heptachlor, Heptachlor Epoxide, PCBs
EPA 625.1: SVOC (Acid/Base/Neutral Extractables), **EPA 600/4-81-045**: PCB-Oil.
Microbiology: **SM9223B-Colilert-QT; Enterolert-QT, SM9221E, EPA 1600, EPA 1603.**

Mansfield Facility:

Drinking Water
EPA 200.7: Al, Ba, Cd, Cr, Cu, Fe, Mn, Ni, Na, Ag, Ca, Zn. **EPA 200.8:** Al, Sb, As, Ba, Be, Cd, Cr, Cu, Pb, Mn, Ni, Se, Ag, TL, Zn. **EPA 245.1** Hg.
EPA 522.

Non-Potable Water
EPA 200.7: Al, Sb, As, Be, Cd, Ca, Cr, Co, Cu, Fe, Pb, Mg, Mn, Mo, Ni, K, Se, Ag, Na, Sr, TL, Ti, V, Zn.
EPA 200.8: Al, Sb**,** As, Be, Cd, Cr, Cu, Fe, Pb, Mn, Ni, K, Se, Ag, Na, TL, Zn.
EPA 245.1 Hg.
SM2340B

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

NEW YORK CHAIN OF CUSTODY

ALPHA ANALYTICAL

Westborough, MA 01581
8 Walkup Dr.
TEL: 508-898-9220
FAX: 508-898-9193

Mansfield, MA 02048
320 Forbes Blvd
TEL: 508-822-9300
FAX: 508-822-3288

Service Centers
Mahwah, NJ 07430: 35 Whitney Rd, Suite 5
Albany, NY 12205: 14 Walker Way
Tonawanda, NY 14150: 275 Cooper Ave, Suite 105

Page: 1 of 1

Date Rec'd in Lab: 9/28/19

ALPHA Job #: L1945056

Client Information
Client: Tenen Environmental
Address: 121 West 27th Street
Suite 702, NY, NY 10001
Phone: 646-606-2332
Fax: aplatt@tenen-env.com
Email: acarroll@tenen-env.com

Project Information
Project Name: 2925 Westchester Ave
Project Location: " "
Project #
(Use Project name as Project #) [X]
Project Manager: A. Carroll
ALPHAQuote #:

Turn-Around Time
Standard [X] Due Date:
Rush (only if pre approved) [ ] # of Days:

Deliverables
[ ] ASP-A [X] ASP-B
[ ] EQuIS (1 File) [ ] EQuIS (4 File)
[ ] Other

Regulatory Requirement
[ ] NY TOGS [X] NY Part 375
[ ] AWQ Standards [X] NY CP-51
[ ] NY Restricted Use [ ] Other
[ ] NY Unrestricted Use
[ ] NYC Sewer Discharge

Billing Information
[X] Same as Client Info
PO #

Disposal Site Information
Please identify below location of applicable disposal facilities.
Disposal Facility:
[ ] NJ [ ] NY
[ ] Other:

These samples have been previously analyzed by Alpha [ ]

Other project specific requirements/comments:

Please specify Metals or TAL.

ANALYSIS

Sample Filtration
[ ] Done
[ ] Lab to do
Preservation
[ ] Lab to do
(Please Specify below)

ALPHA Lab ID (Lab Use Only)	Sample ID	Collection Date	Collection Time	Sample Matrix	Sampler's Initials	VOCs	Sample Specific Comments	Total # Bottles
45056 - 01	MW-1 (16-18)	9/27/19	10:20	Soil	AP	X		4

Preservative Code:
A = None
B = HCl
C = HNO_3
D = H_2SO_4
E = NaOH
F = MeOH
G = $NaHSO_4$
H = $Na_2S_2O_3$
K/E = Zn Ac/NaOH
O = Other

Container Code
P = Plastic
A = Amber Glass
V = Vial
G = Glass
B = Bacteria Cup
C = Cube
O = Other
E = Encore
D = BOD Bottle

Westboro: Certification No: MA935
Mansfield: Certification No: MA015

Container Type	E								
Preservative	A								

Relinquished By:	Date/Time	Received By:	Date/Time
A. Platt	9/27/19 17:20	[illegible] ALPHA	9/27/19 1720
[illegible] ALPHA	9/27/19 1940	[illegible] ALPHA	9/27/19 2100
[illegible] ALPHA	9/28/19 0130		9/28/19 0130

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.)

Form No: 01-25 HC (rev. 30-Sept-2013)

ANALYTICAL REPORT

Lab Number:	L1945065
Client:	Tenen Environmental, LLC 121 West 27th Street Suite 702 New York City, NY 10001
ATTN:	Matthew Carroll
Phone:	(646) 606-2332
Project Name:	2925 WESTCHESTER AVE
Project Number:	2925 WESTCHESTER AVE
Report Date:	10/03/19

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).

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Project Name: 2925 WESTCHESTER AVE
Project Number: 2925 WESTCHESTER AVE

Lab Number: L1945065
Report Date: 10/03/19

Alpha Sample ID	Client ID	Matrix	Sample Location	Collection Date/Time	Receive Date
L1945065-01	AA-1	AIR	2925 WESTCHESTER AVE	09/27/19 04:11	09/27/19
L1945065-02	IA-1	AIR	2925 WESTCHESTER AVE	09/27/19 04:55	09/27/19
L1945065-03	IA-2	AIR	2925 WESTCHESTER AVE	09/27/19 04:59	09/27/19
L1945065-04	IA-3	AIR	2925 WESTCHESTER AVE	09/27/19 05:04	09/27/19
L1945065-05	IA-4	AIR	2925 WESTCHESTER AVE	09/27/19 05:05	09/27/19
L1945065-06	IA-5	AIR	2925 WESTCHESTER AVE	09/27/19 05:10	09/27/19

Project Name:	2925 WESTCHESTER AVE	**Lab Number:**	L1945065
Project Number:	2925 WESTCHESTER AVE	**Report Date:**	10/03/19

Case Narrative

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

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

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

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

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

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

Project Name:	2925 WESTCHESTER AVE	**Lab Number:**	L1945065
Project Number:	2925 WESTCHESTER AVE	**Report Date:**	10/03/19

Case Narrative (continued)

Volatile Organics in Air

Canisters were released from the laboratory on September 27, 2019. The canister certification results are provided as an addendum.

L1945065-02: The sample was re-analyzed on dilution in order to quantify the results within the calibration range. The result(s) should be considered estimated, and are qualified with an E flag, for any compound(s) that exceeded the calibration range in the initial analysis. The re-analysis was performed only for the compound(s) that exceeded the calibration range.

L1945065-02: The sample has elevated detection limits due to the dilution required by the elevated concentrations of target compounds in the sample.

The relative percent difference for Isopropanol (33%D) is above the RPD limit of 25%. Since the concentration of both the sample and the associated duplicate is less than 5x the reporting limit, no qualification is required per the method.

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: 10/03/19

AIR

Project Name: 2925 WESTCHESTER AVE
Project Number: 2925 WESTCHESTER AVE
Lab Number: L1945065
Report Date: 10/03/19

SAMPLE RESULTS

Lab ID: L1945065-01
Client ID: AA-1
Sample Location: 2925 WESTCHESTER AVE

Date Collected: 09/27/19 04:11
Date Received: 09/27/19
Field Prep: Not Specified

Sample Depth:
Matrix: Air
Anaytical Method: 48,TO-15
Analytical Date: 10/01/19 18:23
Analyst: TS

	ppbV			ug/m3				
Parameter	**Results**	**RL**	**MDL**	**Results**	**RL**	**MDL**	**Qualifier**	**Dilution Factor**
Volatile Organics in Air - Mansfield Lab								
Dichlorodifluoromethane	0.362	0.200	--	1.79	0.989	--		1
Chloromethane	0.465	0.200	--	0.960	0.413	--		1
Freon-114	ND	0.200	--	ND	1.40	--		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	8.13	5.00	--	15.3	9.42	--		1
Vinyl bromide	ND	0.200	--	ND	0.874	--		1
Acetone	2.00	1.00	--	4.75	2.38	--		1
Trichlorofluoromethane	ND	0.200	--	ND	1.12	--		1
Isopropanol	0.675	0.500	--	1.66	1.23	--		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
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

Project Name: 2925 WESTCHESTER AVE
Project Number: 2925 WESTCHESTER AVE
Lab Number: L1945065
Report Date: 10/03/19

SAMPLE RESULTS

Lab ID: L1945065-01
Client ID: AA-1
Sample Location: 2925 WESTCHESTER AVE

Date Collected: 09/27/19 04:11
Date Received: 09/27/19
Field Prep: Not Specified

Sample Depth:

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
Volatile Organics in Air - Mansfield Lab								
1,2-Dichloroethane	ND	0.200	--	ND	0.809	--		1
n-Hexane	ND	0.200	--	ND	0.705	--		1
Benzene	ND	0.200	--	ND	0.639	--		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
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	0.318	0.200	--	1.20	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
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
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

Project Name: 2925 WESTCHESTER AVE
Project Number: 2925 WESTCHESTER AVE

Lab Number: L1945065
Report Date: 10/03/19

SAMPLE RESULTS

Lab ID: L1945065-01
Client ID: AA-1
Sample Location: 2925 WESTCHESTER AVE

Date Collected: 09/27/19 04:11
Date Received: 09/27/19
Field Prep: Not Specified

Sample Depth:

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
Volatile Organics in Air - Mansfield Lab								
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	83		60-140
Bromochloromethane	91		60-140
chlorobenzene-d5	84		60-140

Project Name: 2925 WESTCHESTER AVE
Project Number: 2925 WESTCHESTER AVE
Lab Number: L1945065
Report Date: 10/03/19

SAMPLE RESULTS

Lab ID: L1945065-01
Client ID: AA-1
Sample Location: 2925 WESTCHESTER AVE

Date Collected: 09/27/19 04:11
Date Received: 09/27/19
Field Prep: Not Specified

Sample Depth:
Matrix: Air
Anaytical Method: 48,TO-15-SIM
Analytical Date: 10/01/19 18:23
Analyst: TS

	ppbV			ug/m3				
Parameter	**Results**	**RL**	**MDL**	**Results**	**RL**	**MDL**	**Qualifier**	**Dilution Factor**
Volatile Organics in Air by SIM - Mansfield Lab								
Vinyl chloride	ND	0.020	--	ND	0.051	--		1
1,1-Dichloroethene	ND	0.020	--	ND	0.079	--		1
cis-1,2-Dichloroethene	ND	0.020	--	ND	0.079	--		1
1,1,1-Trichloroethane	ND	0.020	--	ND	0.109	--		1
Carbon tetrachloride	0.054	0.020	--	0.340	0.126	--		1
Trichloroethene	ND	0.020	--	ND	0.107	--		1
Tetrachloroethene	0.043	0.020	--	0.292	0.136	--		1

Internal Standard	**% Recovery**	**Qualifier**	**Acceptance Criteria**
1,4-difluorobenzene	84		60-140
bromochloromethane	91		60-140
chlorobenzene-d5	86		60-140

Project Name: 2925 WESTCHESTER AVE
Project Number: 2925 WESTCHESTER AVE
Lab Number: L1945065
Report Date: 10/03/19

SAMPLE RESULTS

Lab ID: L1945065-02
Client ID: IA-1
Sample Location: 2925 WESTCHESTER AVE

Date Collected: 09/27/19 04:55
Date Received: 09/27/19
Field Prep: Not Specified

Sample Depth:
Matrix: Air
Anaytical Method: 48,TO-15
Analytical Date: 10/01/19 19:03
Analyst: TS

	ppbV			ug/m3				
Parameter	**Results**	**RL**	**MDL**	**Results**	**RL**	**MDL**	**Qualifier**	**Dilution Factor**
Volatile Organics in Air - Mansfield Lab								
Dichlorodifluoromethane	0.337	0.200	--	1.67	0.989	--		1
Chloromethane	0.574	0.200	--	1.19	0.413	--		1
Freon-114	ND	0.200	--	ND	1.40	--		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	2260	5.00	--	4260	9.42	--	E	1
Vinyl bromide	ND	0.200	--	ND	0.874	--		1
Acetone	25.0	1.00	--	59.4	2.38	--		1
Trichlorofluoromethane	ND	0.200	--	ND	1.12	--		1
Isopropanol	905	0.500	--	2220	1.23	--	E	1
Tertiary butyl Alcohol	4.27	0.500	--	12.9	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
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

Project Name: 2925 WESTCHESTER AVE
Project Number: 2925 WESTCHESTER AVE
Lab Number: L1945065
Report Date: 10/03/19

SAMPLE RESULTS

Lab ID: L1945065-02
Client ID: IA-1
Sample Location: 2925 WESTCHESTER AVE

Date Collected: 09/27/19 04:55
Date Received: 09/27/19
Field Prep: Not Specified

Sample Depth:

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
Volatile Organics in Air - Mansfield Lab								
1,2-Dichloroethane	ND	0.200	--	ND	0.809	--		1
n-Hexane	0.757	0.200	--	2.67	0.705	--		1
Benzene	0.342	0.200	--	1.09	0.639	--		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
2,2,4-Trimethylpentane	0.805	0.200	--	3.76	0.934	--		1
Heptane	0.207	0.200	--	0.848	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	1.06	0.200	--	3.99	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
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
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

Project Name: 2925 WESTCHESTER AVE
Project Number: 2925 WESTCHESTER AVE

Lab Number: L1945065
Report Date: 10/03/19

SAMPLE RESULTS

Lab ID: L1945065-02
Client ID: IA-1
Sample Location: 2925 WESTCHESTER AVE

Date Collected: 09/27/19 04:55
Date Received: 09/27/19
Field Prep: Not Specified

Sample Depth:

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
Volatile Organics in Air - Mansfield Lab								
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	86		60-140
Bromochloromethane	96		60-140
chlorobenzene-d5	88		60-140

Project Name: 2925 WESTCHESTER AVE
Project Number: 2925 WESTCHESTER AVE
Lab Number: L1945065
Report Date: 10/03/19

SAMPLE RESULTS

Lab ID: L1945065-02
Client ID: IA-1
Sample Location: 2925 WESTCHESTER AVE

Date Collected: 09/27/19 04:55
Date Received: 09/27/19
Field Prep: Not Specified

Sample Depth:
Matrix: Air
Anaytical Method: 48,TO-15-SIM
Analytical Date: 10/01/19 19:03
Analyst: TS

	ppbV			ug/m3				
Parameter	**Results**	**RL**	**MDL**	**Results**	**RL**	**MDL**	**Qualifier**	**Dilution Factor**
Volatile Organics in Air by SIM - Mansfield Lab								
Vinyl chloride	ND	0.020	--	ND	0.051	--		1
1,1-Dichloroethene	ND	0.020	--	ND	0.079	--		1
cis-1,2-Dichloroethene	ND	0.020	--	ND	0.079	--		1
1,1,1-Trichloroethane	ND	0.020	--	ND	0.109	--		1
Carbon tetrachloride	0.050	0.020	--	0.315	0.126	--		1
Trichloroethene	ND	0.020	--	ND	0.107	--		1
Tetrachloroethene	0.068	0.020	--	0.461	0.136	--		1

Internal Standard	**% Recovery**	**Qualifier**	**Acceptance Criteria**
1,4-difluorobenzene	88		60-140
bromochloromethane	96		60-140
chlorobenzene-d5	90		60-140

Project Name: 2925 WESTCHESTER AVE
Project Number: 2925 WESTCHESTER AVE
Lab Number: L1945065
Report Date: 10/03/19

SAMPLE RESULTS

Lab ID: L1945065-02 D
Client ID: IA-1
Sample Location: 2925 WESTCHESTER AVE

Date Collected: 09/27/19 04:55
Date Received: 09/27/19
Field Prep: Not Specified

Sample Depth:
Matrix: Air
Anaytical Method: 48,TO-15
Analytical Date: 10/02/19 07:08
Analyst: TS

	ppbV			ug/m3				
Parameter	**Results**	**RL**	**MDL**	**Results**	**RL**	**MDL**	**Qualifier**	**Dilution Factor**
Volatile Organics in Air - Mansfield Lab								
Ethanol	2840	74.3	--	5350	140	--		14.86
Isopropanol	877	7.43	--	2160	18.3	--		14.86

Internal Standard	**% Recovery**	**Qualifier**	**Acceptance Criteria**
1,4-Difluorobenzene	107		60-140
Bromochloromethane	120		60-140
chlorobenzene-d5	100		60-140

Project Name: 2925 WESTCHESTER AVE
Project Number: 2925 WESTCHESTER AVE
Lab Number: L1945065
Report Date: 10/03/19

SAMPLE RESULTS

Lab ID: L1945065-03
Client ID: IA-2
Sample Location: 2925 WESTCHESTER AVE

Date Collected: 09/27/19 04:59
Date Received: 09/27/19
Field Prep: Not Specified

Sample Depth:
Matrix: Air
Anaytical Method: 48,TO-15
Analytical Date: 10/01/19 19:44
Analyst: TS

	ppbV			ug/m3				
Parameter	**Results**	**RL**	**MDL**	**Results**	**RL**	**MDL**	**Qualifier**	**Dilution Factor**
Volatile Organics in Air - Mansfield Lab								
Dichlorodifluoromethane	0.361	0.200	--	1.79	0.989	--		1
Chloromethane	0.514	0.200	--	1.06	0.413	--		1
Freon-114	ND	0.200	--	ND	1.40	--		1
1,3-Butadiene	0.265	0.200	--	0.586	0.442	--		1
Bromomethane	ND	0.200	--	ND	0.777	--		1
Chloroethane	ND	0.200	--	ND	0.528	--		1
Ethanol	29.3	5.00	--	55.2	9.42	--		1
Vinyl bromide	ND	0.200	--	ND	0.874	--		1
Acetone	17.1	1.00	--	40.6	2.38	--		1
Trichlorofluoromethane	ND	0.200	--	ND	1.12	--		1
Isopropanol	1.50	0.500	--	3.69	1.23	--		1
Tertiary butyl Alcohol	ND	0.500	--	ND	1.52	--		1
Methylene chloride	2.50	0.500	--	8.69	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	22.7	0.500	--	66.9	1.47	--		1
Ethyl Acetate	ND	0.500	--	ND	1.80	--		1
Chloroform	ND	0.200	--	ND	0.977	--		1
Tetrahydrofuran	9.39	0.500	--	27.7	1.47	--		1

Project Name: 2925 WESTCHESTER AVE
Project Number: 2925 WESTCHESTER AVE

Lab Number: L1945065
Report Date: 10/03/19

SAMPLE RESULTS

Lab ID: L1945065-03
Client ID: IA-2
Sample Location: 2925 WESTCHESTER AVE

Date Collected: 09/27/19 04:59
Date Received: 09/27/19
Field Prep: Not Specified

Sample Depth:

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
Volatile Organics in Air - Mansfield Lab								
1,2-Dichloroethane	ND	0.200	--	ND	0.809	--		1
n-Hexane	1.42	0.200	--	5.00	0.705	--		1
Benzene	0.740	0.200	--	2.36	0.639	--		1
Cyclohexane	0.486	0.200	--	1.67	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
2,2,4-Trimethylpentane	0.785	0.200	--	3.67	0.934	--		1
Heptane	0.685	0.200	--	2.81	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	3.75	0.200	--	14.1	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
Chlorobenzene	ND	0.200	--	ND	0.921	--		1
Ethylbenzene	0.776	0.200	--	3.37	0.869	--		1
p/m-Xylene	2.82	0.400	--	12.2	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	0.711	0.200	--	3.09	0.869	--		1
4-Ethyltoluene	ND	0.200	--	ND	0.983	--		1
1,3,5-Trimethylbenzene	ND	0.200	--	ND	0.983	--		1

Project Name: 2925 WESTCHESTER AVE
Project Number: 2925 WESTCHESTER AVE
Lab Number: L1945065
Report Date: 10/03/19

SAMPLE RESULTS

Lab ID: L1945065-03
Client ID: IA-2
Sample Location: 2925 WESTCHESTER AVE

Date Collected: 09/27/19 04:59
Date Received: 09/27/19
Field Prep: Not Specified

Sample Depth:

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
Volatile Organics in Air - Mansfield Lab								
1,2,4-Trimethylbenzene	0.338	0.200	--	1.66	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	90		60-140
Bromochloromethane	96		60-140
chlorobenzene-d5	92		60-140

Project Name: 2925 WESTCHESTER AVE
Project Number: 2925 WESTCHESTER AVE
Lab Number: L1945065
Report Date: 10/03/19

SAMPLE RESULTS

Lab ID: L1945065-03
Client ID: IA-2
Sample Location: 2925 WESTCHESTER AVE

Date Collected: 09/27/19 04:59
Date Received: 09/27/19
Field Prep: Not Specified

Sample Depth:
Matrix: Air
Anaytical Method: 48,TO-15-SIM
Analytical Date: 10/01/19 19:44
Analyst: TS

	ppbV			ug/m3				
Parameter	**Results**	**RL**	**MDL**	**Results**	**RL**	**MDL**	**Qualifier**	**Dilution Factor**
Volatile Organics in Air by SIM - Mansfield Lab								
Vinyl chloride	ND	0.020	--	ND	0.051	--		1
1,1-Dichloroethene	ND	0.020	--	ND	0.079	--		1
cis-1,2-Dichloroethene	ND	0.020	--	ND	0.079	--		1
1,1,1-Trichloroethane	ND	0.020	--	ND	0.109	--		1
Carbon tetrachloride	0.046	0.020	--	0.289	0.126	--		1
Trichloroethene	ND	0.020	--	ND	0.107	--		1
Tetrachloroethene	0.105	0.020	--	0.712	0.136	--		1

Internal Standard	**% Recovery**	**Qualifier**	**Acceptance Criteria**
1,4-difluorobenzene	91		60-140
bromochloromethane	97		60-140
chlorobenzene-d5	93		60-140

Project Name: 2925 WESTCHESTER AVE
Project Number: 2925 WESTCHESTER AVE

Lab Number: L1945065
Report Date: 10/03/19

SAMPLE RESULTS

Lab ID: L1945065-04
Client ID: IA-3
Sample Location: 2925 WESTCHESTER AVE

Date Collected: 09/27/19 05:04
Date Received: 09/27/19
Field Prep: Not Specified

Sample Depth:
Matrix: Air
Anaytical Method: 48,TO-15
Analytical Date: 10/01/19 21:04
Analyst: TS

	ppbV			ug/m3				
Parameter	**Results**	**RL**	**MDL**	**Results**	**RL**	**MDL**	**Qualifier**	**Dilution Factor**
Volatile Organics in Air - Mansfield Lab								
Dichlorodifluoromethane	0.357	0.200	--	1.77	0.989	--		1
Chloromethane	0.517	0.200	--	1.07	0.413	--		1
Freon-114	ND	0.200	--	ND	1.40	--		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	167	5.00	--	315	9.42	--		1
Vinyl bromide	ND	0.200	--	ND	0.874	--		1
Acetone	23.6	1.00	--	56.1	2.38	--		1
Trichlorofluoromethane	ND	0.200	--	ND	1.12	--		1
Isopropanol	59.4	0.500	--	146	1.23	--		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
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

Project Name: 2925 WESTCHESTER AVE
Project Number: 2925 WESTCHESTER AVE
Lab Number: L1945065
Report Date: 10/03/19

SAMPLE RESULTS

Lab ID: L1945065-04
Client ID: IA-3
Sample Location: 2925 WESTCHESTER AVE

Date Collected: 09/27/19 05:04
Date Received: 09/27/19
Field Prep: Not Specified

Sample Depth:

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
Volatile Organics in Air - Mansfield Lab								
1,2-Dichloroethane	ND	0.200	--	ND	0.809	--		1
n-Hexane	0.219	0.200	--	0.772	0.705	--		1
Benzene	0.203	0.200	--	0.649	0.639	--		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
2,2,4-Trimethylpentane	0.215	0.200	--	1.00	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	0.945	0.200	--	3.56	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
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
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

Project Name: 2925 WESTCHESTER AVE
Project Number: 2925 WESTCHESTER AVE
Lab Number: L1945065
Report Date: 10/03/19

SAMPLE RESULTS

Lab ID: L1945065-04
Client ID: IA-3
Sample Location: 2925 WESTCHESTER AVE

Date Collected: 09/27/19 05:04
Date Received: 09/27/19
Field Prep: Not Specified

Sample Depth:

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
Volatile Organics in Air - Mansfield Lab								
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	86		60-140
Bromochloromethane	95		60-140
chlorobenzene-d5	90		60-140

Project Name: 2925 WESTCHESTER AVE
Project Number: 2925 WESTCHESTER AVE
Lab Number: L1945065
Report Date: 10/03/19

SAMPLE RESULTS

Lab ID: L1945065-04
Client ID: IA-3
Sample Location: 2925 WESTCHESTER AVE

Date Collected: 09/27/19 05:04
Date Received: 09/27/19
Field Prep: Not Specified

Sample Depth:
Matrix: Air
Anaytical Method: 48,TO-15-SIM
Analytical Date: 10/01/19 21:04
Analyst: TS

	ppbV			ug/m3				
Parameter	**Results**	**RL**	**MDL**	**Results**	**RL**	**MDL**	**Qualifier**	**Dilution Factor**
Volatile Organics in Air by SIM - Mansfield Lab								
Vinyl chloride	ND	0.020	--	ND	0.051	--		1
1,1-Dichloroethene	ND	0.020	--	ND	0.079	--		1
cis-1,2-Dichloroethene	0.028	0.020	--	0.111	0.079	--		1
1,1,1-Trichloroethane	ND	0.020	--	ND	0.109	--		1
Carbon tetrachloride	0.053	0.020	--	0.333	0.126	--		1
Trichloroethene	ND	0.020	--	ND	0.107	--		1
Tetrachloroethene	0.267	0.020	--	1.81	0.136	--		1

Internal Standard	**% Recovery**	**Qualifier**	**Acceptance Criteria**
1,4-difluorobenzene	88		60-140
bromochloromethane	95		60-140
chlorobenzene-d5	91		60-140

Project Name: 2925 WESTCHESTER AVE
Project Number: 2925 WESTCHESTER AVE
Lab Number: L1945065
Report Date: 10/03/19

SAMPLE RESULTS

Lab ID: L1945065-05
Client ID: IA-4
Sample Location: 2925 WESTCHESTER AVE

Date Collected: 09/27/19 05:05
Date Received: 09/27/19
Field Prep: Not Specified

Sample Depth:
Matrix: Air
Anaytical Method: 48,TO-15
Analytical Date: 10/01/19 21:44
Analyst: TS

	ppbV			ug/m3				
Parameter	**Results**	**RL**	**MDL**	**Results**	**RL**	**MDL**	**Qualifier**	**Dilution Factor**
Volatile Organics in Air - Mansfield Lab								
Dichlorodifluoromethane	0.353	0.200	--	1.75	0.989	--		1
Chloromethane	0.351	0.200	--	0.725	0.413	--		1
Freon-114	ND	0.200	--	ND	1.40	--		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	6.33	5.00	--	11.9	9.42	--		1
Vinyl bromide	ND	0.200	--	ND	0.874	--		1
Acetone	3.14	1.00	--	7.46	2.38	--		1
Trichlorofluoromethane	ND	0.200	--	ND	1.12	--		1
Isopropanol	4.58	0.500	--	11.3	1.23	--		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
Ethyl Acetate	ND	0.500	--	ND	1.80	--		1
Chloroform	2.28	0.200	--	11.1	0.977	--		1
Tetrahydrofuran	ND	0.500	--	ND	1.47	--		1

Project Name: 2925 WESTCHESTER AVE
Project Number: 2925 WESTCHESTER AVE
Lab Number: L1945065
Report Date: 10/03/19

SAMPLE RESULTS

Lab ID: L1945065-05
Client ID: IA-4
Sample Location: 2925 WESTCHESTER AVE

Date Collected: 09/27/19 05:05
Date Received: 09/27/19
Field Prep: Not Specified

Sample Depth:

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
Volatile Organics in Air - Mansfield Lab								
1,2-Dichloroethane	ND	0.200	--	ND	0.809	--		1
n-Hexane	ND	0.200	--	ND	0.705	--		1
Benzene	ND	0.200	--	ND	0.639	--		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
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	0.224	0.200	--	0.844	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
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
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

Project Name: 2925 WESTCHESTER AVE
Project Number: 2925 WESTCHESTER AVE

Lab Number: L1945065
Report Date: 10/03/19

SAMPLE RESULTS

Lab ID: L1945065-05
Client ID: IA-4
Sample Location: 2925 WESTCHESTER AVE

Date Collected: 09/27/19 05:05
Date Received: 09/27/19
Field Prep: Not Specified

Sample Depth:

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
Volatile Organics in Air - Mansfield Lab								
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	88		60-140
Bromochloromethane	96		60-140
chlorobenzene-d5	89		60-140

Project Name: 2925 WESTCHESTER AVE
Project Number: 2925 WESTCHESTER AVE
Lab Number: L1945065
Report Date: 10/03/19

SAMPLE RESULTS

Lab ID: L1945065-05
Client ID: IA-4
Sample Location: 2925 WESTCHESTER AVE

Date Collected: 09/27/19 05:05
Date Received: 09/27/19
Field Prep: Not Specified

Sample Depth:
Matrix: Air
Anaytical Method: 48,TO-15-SIM
Analytical Date: 10/01/19 21:44
Analyst: TS

	ppbV			ug/m3				
Parameter	**Results**	**RL**	**MDL**	**Results**	**RL**	**MDL**	**Qualifier**	**Dilution Factor**
Volatile Organics in Air by SIM - Mansfield Lab								
Vinyl chloride	0.021	0.020	--	0.054	0.051	--		1
1,1-Dichloroethene	ND	0.020	--	ND	0.079	--		1
cis-1,2-Dichloroethene	0.516	0.020	--	2.05	0.079	--		1
1,1,1-Trichloroethane	ND	0.020	--	ND	0.109	--		1
Carbon tetrachloride	0.050	0.020	--	0.315	0.126	--		1
Trichloroethene	0.153	0.020	--	0.822	0.107	--		1
Tetrachloroethene	1.51	0.020	--	10.2	0.136	--		1

Internal Standard	**% Recovery**	**Qualifier**	**Acceptance Criteria**
1,4-difluorobenzene	89		60-140
bromochloromethane	96		60-140
chlorobenzene-d5	91		60-140

Project Name: 2925 WESTCHESTER AVE
Project Number: 2925 WESTCHESTER AVE
Lab Number: L1945065
Report Date: 10/03/19

SAMPLE RESULTS

Lab ID: L1945065-06
Client ID: IA-5
Sample Location: 2925 WESTCHESTER AVE

Date Collected: 09/27/19 05:10
Date Received: 09/27/19
Field Prep: Not Specified

Sample Depth:
Matrix: Air
Anaytical Method: 48,TO-15
Analytical Date: 10/01/19 22:24
Analyst: TS

	ppbV			ug/m3				
Parameter	Results	RL	MDL	Results	RL	MDL	Qualifier	Dilution Factor
Volatile Organics in Air - Mansfield Lab								
Dichlorodifluoromethane	0.355	0.200	--	1.76	0.989	--		1
Chloromethane	0.536	0.200	--	1.11	0.413	--		1
Freon-114	ND	0.200	--	ND	1.40	--		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	34.1	5.00	--	64.3	9.42	--		1
Vinyl bromide	ND	0.200	--	ND	0.874	--		1
Acetone	10.9	1.00	--	25.9	2.38	--		1
Trichlorofluoromethane	ND	0.200	--	ND	1.12	--		1
Isopropanol	32.3	0.500	--	79.4	1.23	--		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	1.46	0.500	--	4.31	1.47	--		1
Ethyl Acetate	ND	0.500	--	ND	1.80	--		1
Chloroform	0.489	0.200	--	2.39	0.977	--		1
Tetrahydrofuran	0.709	0.500	--	2.09	1.47	--		1

Project Name: 2925 WESTCHESTER AVE
Project Number: 2925 WESTCHESTER AVE
Lab Number: L1945065
Report Date: 10/03/19

SAMPLE RESULTS

Lab ID: L1945065-06
Client ID: IA-5
Sample Location: 2925 WESTCHESTER AVE

Date Collected: 09/27/19 05:10
Date Received: 09/27/19
Field Prep: Not Specified

Sample Depth:

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
Volatile Organics in Air - Mansfield Lab								
1,2-Dichloroethane	ND	0.200	--	ND	0.809	--		1
n-Hexane	0.390	0.200	--	1.37	0.705	--		1
Benzene	0.221	0.200	--	0.706	0.639	--		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
2,2,4-Trimethylpentane	0.211	0.200	--	0.986	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	0.830	0.200	--	3.13	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
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
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

Project Name: 2925 WESTCHESTER AVE
Project Number: 2925 WESTCHESTER AVE
Lab Number: L1945065
Report Date: 10/03/19

SAMPLE RESULTS

Lab ID: L1945065-06
Client ID: IA-5
Sample Location: 2925 WESTCHESTER AVE

Date Collected: 09/27/19 05:10
Date Received: 09/27/19
Field Prep: Not Specified

Sample Depth:

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
Volatile Organics in Air - Mansfield Lab								
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	85		60-140
Bromochloromethane	93		60-140
chlorobenzene-d5	88		60-140

Project Name: 2925 WESTCHESTER AVE
Project Number: 2925 WESTCHESTER AVE
Lab Number: L1945065
Report Date: 10/03/19

SAMPLE RESULTS

Lab ID: L1945065-06
Client ID: IA-5
Sample Location: 2925 WESTCHESTER AVE

Date Collected: 09/27/19 05:10
Date Received: 09/27/19
Field Prep: Not Specified

Sample Depth:
Matrix: Air
Anaytical Method: 48,TO-15-SIM
Analytical Date: 10/01/19 22:24
Analyst: TS

	ppbV			ug/m3				
Parameter	**Results**	**RL**	**MDL**	**Results**	**RL**	**MDL**	**Qualifier**	**Dilution Factor**
Volatile Organics in Air by SIM - Mansfield Lab								
Vinyl chloride	ND	0.020	--	ND	0.051	--		1
1,1-Dichloroethene	ND	0.020	--	ND	0.079	--		1
cis-1,2-Dichloroethene	0.147	0.020	--	0.583	0.079	--		1
1,1,1-Trichloroethane	ND	0.020	--	ND	0.109	--		1
Carbon tetrachloride	0.056	0.020	--	0.352	0.126	--		1
Trichloroethene	0.035	0.020	--	0.188	0.107	--		1
Tetrachloroethene	0.271	0.020	--	1.84	0.136	--		1

Internal Standard	**% Recovery**	**Qualifier**	**Acceptance Criteria**
1,4-difluorobenzene	86		60-140
bromochloromethane	93		60-140
chlorobenzene-d5	90		60-140

Project Name: 2925 WESTCHESTER AVE
Project Number: 2925 WESTCHESTER AVE
Lab Number: L1945065
Report Date: 10/03/19

Method Blank Analysis
Batch Quality Control

Analytical Method: 48,TO-15
Analytical Date: 10/01/19 14:43

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
Volatile Organics in Air - Mansfield Lab for sample(s): 01-06 Batch: WG1290870-4								
Propylene	ND	0.500	--	ND	0.861	--		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
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
Vinyl acetate	ND	1.00	--	ND	3.52	--		1
2-Butanone	ND	0.500	--	ND	1.47	--		1
cis-1,2-Dichloroethene	ND	0.200	--	ND	0.793	--		1

Project Name: 2925 WESTCHESTER AVE
Project Number: 2925 WESTCHESTER AVE
Lab Number: L1945065
Report Date: 10/03/19

Method Blank Analysis
Batch Quality Control

Analytical Method: 48,TO-15
Analytical Date: 10/01/19 14:43

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
Volatile Organics in Air - Mansfield Lab for sample(s): 01-06 Batch: WG1290870-4								
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	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

Project Name: 2925 WESTCHESTER AVE
Project Number: 2925 WESTCHESTER AVE
Lab Number: L1945065
Report Date: 10/03/19

Method Blank Analysis
Batch Quality Control

Analytical Method: 48,TO-15
Analytical Date: 10/01/19 14:43

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
Volatile Organics in Air - Mansfield Lab for sample(s): 01-06 Batch: WG1290870-4								
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
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

Project Name: 2925 WESTCHESTER AVE
Project Number: 2925 WESTCHESTER AVE
Lab Number: L1945065
Report Date: 10/03/19

Method Blank Analysis
Batch Quality Control

Analytical Method: 48,TO-15-SIM
Analytical Date: 10/01/19 15:23

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
Volatile Organics in Air by SIM - Mansfield Lab for sample(s): 01-06 Batch: WG1290872-4								
Vinyl chloride	ND	0.020	--	ND	0.051	--		1
1,1-Dichloroethene	ND	0.020	--	ND	0.079	--		1
cis-1,2-Dichloroethene	ND	0.020	--	ND	0.079	--		1
1,1,1-Trichloroethane	ND	0.020	--	ND	0.109	--		1
Carbon tetrachloride	ND	0.020	--	ND	0.126	--		1
Trichloroethene	ND	0.020	--	ND	0.107	--		1
Tetrachloroethene	ND	0.020	--	ND	0.136	--		1

Lab Control Sample Analysis

Batch Quality Control

Project Name: 2925 WESTCHESTER AVE

Project Number: 2925 WESTCHESTER AVE

Lab Number: L1945065

Report Date: 10/03/19

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics in Air - Mansfield Lab Associated sample(s): 01-06 Batch: WG1290870-3								
Propylene	92		-		70-130	-		
Dichlorodifluoromethane	77		-		70-130	-		
Chloromethane	101		-		70-130	-		
Freon-114	95		-		70-130	-		
Vinyl chloride	91		-		70-130	-		
1,3-Butadiene	106		-		70-130	-		
Bromomethane	96		-		70-130	-		
Chloroethane	90		-		70-130	-		
Ethanol	87		-		40-160	-		
Vinyl bromide	94		-		70-130	-		
Acetone	68		-		40-160	-		
Trichlorofluoromethane	71		-		70-130	-		
Isopropanol	76		-		40-160	-		
1,1-Dichloroethene	85		-		70-130	-		
Tertiary butyl Alcohol	84		-		70-130	-		
Methylene chloride	101		-		70-130	-		
3-Chloropropene	91		-		70-130	-		
Carbon disulfide	100		-		70-130	-		
Freon-113	99		-		70-130	-		
trans-1,2-Dichloroethene	86		-		70-130	-		
1,1-Dichloroethane	87		-		70-130	-		
Methyl tert butyl ether	93		-		70-130	-		
Vinyl acetate	86		-		70-130	-		

Lab Control Sample Analysis
Batch Quality Control

Project Name: 2925 WESTCHESTER AVE
Project Number: 2925 WESTCHESTER AVE

Lab Number: L1945065
Report Date: 10/03/19

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics in Air - Mansfield Lab Associated sample(s): 01-06 Batch: WG1290870-3								
2-Butanone	85		-		70-130	-		
cis-1,2-Dichloroethene	89		-		70-130	-		
Ethyl Acetate	94		-		70-130	-		
Chloroform	82		-		70-130	-		
Tetrahydrofuran	86		-		70-130	-		
1,2-Dichloroethane	73		-		70-130	-		
n-Hexane	102		-		70-130	-		
1,1,1-Trichloroethane	82		-		70-130	-		
Benzene	95		-		70-130	-		
Carbon tetrachloride	77		-		70-130	-		
Cyclohexane	100		-		70-130	-		
1,2-Dichloropropane	103		-		70-130	-		
Bromodichloromethane	88		-		70-130	-		
1,4-Dioxane	104		-		70-130	-		
Trichloroethene	96		-		70-130	-		
2,2,4-Trimethylpentane	102		-		70-130	-		
Heptane	100		-		70-130	-		
cis-1,3-Dichloropropene	98		-		70-130	-		
4-Methyl-2-pentanone	100		-		70-130	-		
trans-1,3-Dichloropropene	80		-		70-130	-		
1,1,2-Trichloroethane	98		-		70-130	-		
Toluene	106		-		70-130	-		
2-Hexanone	120		-		70-130	-		

Lab Control Sample Analysis
Batch Quality Control

Project Name: 2925 WESTCHESTER AVE
Project Number: 2925 WESTCHESTER AVE

Lab Number: L1945065
Report Date: 10/03/19

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics in Air - Mansfield Lab Associated sample(s): 01-06 Batch: WG1290870-3								
Dibromochloromethane	99		-		70-130	-		
1,2-Dibromoethane	102		-		70-130	-		
Tetrachloroethene	104		-		70-130	-		
Chlorobenzene	107		-		70-130	-		
Ethylbenzene	105		-		70-130	-		
p/m-Xylene	104		-		70-130	-		
Bromoform	104		-		70-130	-		
Styrene	103		-		70-130	-		
1,1,2,2-Tetrachloroethane	114		-		70-130	-		
o-Xylene	108		-		70-130	-		
4-Ethyltoluene	103		-		70-130	-		
1,3,5-Trimethylbenzene	103		-		70-130	-		
1,2,4-Trimethylbenzene	110		-		70-130	-		
Benzyl chloride	100		-		70-130	-		
1,3-Dichlorobenzene	112		-		70-130	-		
1,4-Dichlorobenzene	111		-		70-130	-		
1,2-Dichlorobenzene	104		-		70-130	-		
1,2,4-Trichlorobenzene	114		-		70-130	-		
Hexachlorobutadiene	102		-		70-130	-		

Lab Control Sample Analysis

Batch Quality Control

Project Name: 2925 WESTCHESTER AVE

Project Number: 2925 WESTCHESTER AVE

Lab Number: L1945065

Report Date: 10/03/19

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics in Air by SIM - Mansfield Lab Associated sample(s): 01-06 Batch: WG1290872-3								
Vinyl chloride	89		-		70-130	-		25
1,1-Dichloroethene	83		-		70-130	-		25
cis-1,2-Dichloroethene	86		-		70-130	-		25
1,1,1-Trichloroethane	79		-		70-130	-		25
Carbon tetrachloride	73		-		70-130	-		25
Trichloroethene	90		-		70-130	-		25
Tetrachloroethene	108		-		70-130	-		25

Lab Duplicate Analysis
Batch Quality Control

Project Name: 2925 WESTCHESTER AVE
Project Number: 2925 WESTCHESTER AVE

Lab Number: L1945065
Report Date: 10/03/19

Parameter	Native Sample	Duplicate Sample	Units	RPD	Qual	RPD Limits
Volatile Organics in Air - Mansfield Lab Associated sample(s): 01-06 QC Batch ID: WG1290870-5 QC Sample: L1945065-03 Client ID: IA-2						
Dichlorodifluoromethane	0.361	0.362	ppbV	0		25
Chloromethane	0.514	0.513	ppbV	0		25
Freon-114	ND	ND	ppbV	NC		25
1,3-Butadiene	0.265	0.270	ppbV	2		25
Bromomethane	ND	ND	ppbV	NC		25
Chloroethane	ND	ND	ppbV	NC		25
Ethanol	29.3	27.8	ppbV	5		25
Vinyl bromide	ND	ND	ppbV	NC		25
Acetone	17.1	17.0	ppbV	1		25
Trichlorofluoromethane	ND	ND	ppbV	NC		25
Isopropanol	1.50	1.07	ppbV	**33**	Q	25
Tertiary butyl Alcohol	ND	ND	ppbV	NC		25
Methylene chloride	2.50	2.47	ppbV	1		25
3-Chloropropene	ND	ND	ppbV	NC		25
Carbon disulfide	ND	ND	ppbV	NC		25
Freon-113	ND	ND	ppbV	NC		25
trans-1,2-Dichloroethene	ND	ND	ppbV	NC		25
1,1-Dichloroethane	ND	ND	ppbV	NC		25
Methyl tert butyl ether	ND	ND	ppbV	NC		25
2-Butanone	22.7	22.7	ppbV	0		25
Ethyl Acetate	ND	ND	ppbV	NC		25

Lab Duplicate Analysis
Batch Quality Control

Project Name: 2925 WESTCHESTER AVE
Project Number: 2925 WESTCHESTER AVE

Lab Number: L1945065
Report Date: 10/03/19

Parameter	Native Sample	Duplicate Sample	Units	RPD	Qual	RPD Limits
Volatile Organics in Air - Mansfield Lab Associated sample(s): 01-06 QC Batch ID: WG1290870-5 QC Sample: L1945065-03 Client ID: IA-2						
Chloroform	ND	ND	ppbV	NC		25
Tetrahydrofuran	9.39	9.32	ppbV	1		25
1,2-Dichloroethane	ND	ND	ppbV	NC		25
n-Hexane	1.42	1.45	ppbV	2		25
Benzene	0.740	0.753	ppbV	2		25
Cyclohexane	0.486	0.491	ppbV	1		25
1,2-Dichloropropane	ND	ND	ppbV	NC		25
Bromodichloromethane	ND	ND	ppbV	NC		25
1,4-Dioxane	ND	ND	ppbV	NC		25
2,2,4-Trimethylpentane	0.785	0.792	ppbV	1		25
Heptane	0.685	0.678	ppbV	1		25
cis-1,3-Dichloropropene	ND	ND	ppbV	NC		25
4-Methyl-2-pentanone	ND	ND	ppbV	NC		25
trans-1,3-Dichloropropene	ND	ND	ppbV	NC		25
1,1,2-Trichloroethane	ND	ND	ppbV	NC		25
Toluene	3.75	3.79	ppbV	1		25
2-Hexanone	ND	ND	ppbV	NC		25
Dibromochloromethane	ND	ND	ppbV	NC		25
1,2-Dibromoethane	ND	ND	ppbV	NC		25
Chlorobenzene	ND	ND	ppbV	NC		25
Ethylbenzene	0.776	0.782	ppbV	1		25

Lab Duplicate Analysis
Batch Quality Control

Project Name: 2925 WESTCHESTER AVE
Project Number: 2925 WESTCHESTER AVE

Lab Number: L1945065
Report Date: 10/03/19

Parameter	Native Sample	Duplicate Sample	Units	RPD	Qual	RPD Limits
Volatile Organics in Air - Mansfield Lab Associated sample(s): 01-06 QC Batch ID: WG1290870-5 QC Sample: L1945065-03 Client ID: IA-2						
p/m-Xylene	2.82	2.86	ppbV	1		25
Bromoform	ND	ND	ppbV	NC		25
Styrene	ND	ND	ppbV	NC		25
1,1,2,2-Tetrachloroethane	ND	ND	ppbV	NC		25
o-Xylene	0.711	0.705	ppbV	1		25
4-Ethyltoluene	ND	ND	ppbV	NC		25
1,3,5-Trimethylbenzene	ND	ND	ppbV	NC		25
1,2,4-Trimethylbenzene	0.338	0.330	ppbV	2		25
Benzyl chloride	ND	ND	ppbV	NC		25
1,3-Dichlorobenzene	ND	ND	ppbV	NC		25
1,4-Dichlorobenzene	ND	ND	ppbV	NC		25
1,2-Dichlorobenzene	ND	ND	ppbV	NC		25
1,2,4-Trichlorobenzene	ND	ND	ppbV	NC		25
Hexachlorobutadiene	ND	ND	ppbV	NC		25
Volatile Organics in Air by SIM - Mansfield Lab Associated sample(s): 01-06 QC Batch ID: WG1290872-5 QC Sample: L1945065-03 Client ID: IA-2						
Vinyl chloride	ND	ND	ppbV	NC		25
1,1-Dichloroethene	ND	ND	ppbV	NC		25
cis-1,2-Dichloroethene	ND	ND	ppbV	NC		25
1,1,1-Trichloroethane	ND	ND	ppbV	NC		25
Carbon tetrachloride	0.046	0.048	ppbV	4		25
Trichloroethene	ND	ND	ppbV	NC		25
Tetrachloroethene	0.105	0.102	ppbV	3		25

Project Name: 2925 WESTCHESTER AVE

Lab Number: L1945065

Project Number: 2925 WESTCHESTER AVE

Report Date: 10/03/19

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 Controler Leak Chk	Flow Out mL/min	Flow In mL/min	% RPD
L1945065-01	AA-1	0048	Flow 4	09/27/19	303034		-	-	-	Pass	10.0	9.0	11
L1945065-01	AA-1	2848	6.0L Can	09/27/19	303034	L1941865-01	Pass	-29.0	-6.2	-	-	-	-
L1945065-02	IA-1	0309	Flow 5	09/27/19	303034		-	-	-	Pass	10.0	10.4	4
L1945065-02	IA-1	753	6.0L Can	09/27/19	303034	L1940312-06	Pass	-29.3	-6.8	-	-	-	-
L1945065-03	IA-2	0758	Flow 3	09/27/19	303034		-	-	-	Pass	10.0	9.5	5
L1945065-03	IA-2	649	6.0L Can	09/27/19	303034	L1941865-01	Pass	-29.1	-6.2	-	-	-	-
L1945065-04	IA-3	0167	Flow 4	09/27/19	303034		-	-	-	Pass	10.0	10.3	3
L1945065-04	IA-3	1658	6.0L Can	09/27/19	303034	L1940312-06	Pass	-29.4	-5.5	-	-	-	-
L1945065-05	IA-4	0975	Flow 4	09/27/19	303034		-	-	-	Pass	10.0	10.1	1
L1945065-05	IA-4	1798	6.0L Can	09/27/19	303034	L1941865-01	Pass	-29.3	-1.3	-	-	-	-
L1945065-06	IA-5	0722	Flow 5	09/27/19	303034		-	-	-	Pass	10.0	11.5	14
L1945065-06	IA-5	738	6.0L Can	09/27/19	303034	L1941865-01	Pass	-28.8	-3.9	-	-	-	-

Project Name: BATCH CANISTER CERTIFICATION
Project Number: CANISTER QC BAT
Lab Number: L1940312
Report Date: 10/03/19

Air Canister Certification Results

Lab ID: L1940312-06
Client ID: CAN 2113 SHELF 36
Sample Location:

Date Collected: 09/05/19 09:00
Date Received: 09/05/19
Field Prep: Not Specified

Sample Depth:
Matrix: Air
Anaytical Method: 48,TO-15
Analytical Date: 09/07/19 17:03
Analyst: RY

	ppbV			ug/m3				
Parameter	**Results**	**RL**	**MDL**	**Results**	**RL**	**MDL**	**Qualifier**	**Dilution Factor**
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 **Lab Number:** L1940312

Project Number: CANISTER QC BAT **Report Date:** 10/03/19

Air Canister Certification Results

Lab ID: L1940312-06
Client ID: CAN 2113 SHELF 36
Sample Location:

Date Collected: 09/05/19 09:00
Date Received: 09/05/19
Field Prep: Not Specified

Sample Depth:

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
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: L1940312
Report Date: 10/03/19

Air Canister Certification Results

Lab ID: L1940312-06
Client ID: CAN 2113 SHELF 36
Sample Location:

Date Collected: 09/05/19 09:00
Date Received: 09/05/19
Field Prep: Not Specified

Sample Depth:

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
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: L1940312
Report Date: 10/03/19

Air Canister Certification Results

Lab ID: L1940312-06
Client ID: CAN 2113 SHELF 36
Sample Location:

Date Collected: 09/05/19 09:00
Date Received: 09/05/19
Field Prep: Not Specified

Sample Depth:

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
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: L1940312
Report Date: 10/03/19

Air Canister Certification Results

Lab ID: L1940312-06
Client ID: CAN 2113 SHELF 36
Sample Location:

Date Collected: 09/05/19 09:00
Date Received: 09/05/19
Field Prep: Not Specified

Sample Depth:

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
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	99		60-140
Bromochloromethane	99		60-140
chlorobenzene-d5	97		60-140

Project Name: BATCH CANISTER CERTIFICATION **Lab Number:** L1940312

Project Number: CANISTER QC BAT **Report Date:** 10/03/19

Air Canister Certification Results

Lab ID: L1940312-06
Client ID: CAN 2113 SHELF 36
Sample Location:

Date Collected: 09/05/19 09:00
Date Received: 09/05/19
Field Prep: Not Specified

Sample Depth:
Matrix: Air
Anaytical Method: 48,TO-15-SIM
Analytical Date: 09/07/19 17:03
Analyst: RY

	ppbV			ug/m3				
Parameter	**Results**	**RL**	**MDL**	**Results**	**RL**	**MDL**	**Qualifier**	**Dilution Factor**
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
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
1,2-Dichloropropane	ND	0.020	--	ND	0.092	--		1

Project Name: BATCH CANISTER CERTIFICATION
Project Number: CANISTER QC BAT

Lab Number: L1940312
Report Date: 10/03/19

Air Canister Certification Results

Lab ID: L1940312-06
Client ID: CAN 2113 SHELF 36
Sample Location:

Date Collected: 09/05/19 09:00
Date Received: 09/05/19
Field Prep: Not Specified

Sample Depth:

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
Volatile Organics in Air by SIM - Mansfield Lab								
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-Trimethybenzene	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
sec-Butylbenzene	ND	0.200	--	ND	1.10	--		1

Project Name: BATCH CANISTER CERTIFICATION
Project Number: CANISTER QC BAT
Lab Number: L1940312
Report Date: 10/03/19

Air Canister Certification Results

Lab ID: L1940312-06
Client ID: CAN 2113 SHELF 36
Sample Location:

Date Collected: 09/05/19 09:00
Date Received: 09/05/19
Field Prep: Not Specified

Sample Depth:

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
Volatile Organics in Air by SIM - Mansfield Lab								
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	99		60-140
bromochloromethane	100		60-140
chlorobenzene-d5	96		60-140

Project Name: BATCH CANISTER CERTIFICATION
Project Number: CANISTER QC BAT
Lab Number: L1941865
Report Date: 10/03/19

Air Canister Certification Results

Lab ID: L1941865-01
Client ID: CAN 1668 SHELF 30
Sample Location:

Date Collected: 09/11/19 16:00
Date Received: 09/12/19
Field Prep: Not Specified

Sample Depth:
Matrix: Air
Anaytical Method: 48,TO-15
Analytical Date: 09/12/19 17:46
Analyst: RY

	ppbV			ug/m3				
Parameter	**Results**	**RL**	**MDL**	**Results**	**RL**	**MDL**	**Qualifier**	**Dilution Factor**
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: L1941865
Report Date: 10/03/19

Air Canister Certification Results

Lab ID: L1941865-01
Client ID: CAN 1668 SHELF 30
Sample Location:

Date Collected: 09/11/19 16:00
Date Received: 09/12/19
Field Prep: Not Specified

Sample Depth:

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
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: L1941865
Report Date: 10/03/19

Air Canister Certification Results

Lab ID: L1941865-01
Client ID: CAN 1668 SHELF 30
Sample Location:

Date Collected: 09/11/19 16:00
Date Received: 09/12/19
Field Prep: Not Specified

Sample Depth:

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
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
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Air Canister Certification Results

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Client ID: CAN 1668 SHELF 30
Sample Location:

Date Collected: 09/11/19 16:00
Date Received: 09/12/19
Field Prep: Not Specified

Sample Depth:

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
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
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Report Date: 10/03/19

Air Canister Certification Results

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Client ID: CAN 1668 SHELF 30
Sample Location:

Date Collected: 09/11/19 16:00
Date Received: 09/12/19
Field Prep: Not Specified

Sample Depth:

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
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	97		60-140
Bromochloromethane	98		60-140
chlorobenzene-d5	97		60-140

Project Name: BATCH CANISTER CERTIFICATION
Project Number: CANISTER QC BAT
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Report Date: 10/03/19

Air Canister Certification Results

Lab ID: L1941865-01
Client ID: CAN 1668 SHELF 30
Sample Location:

Date Collected: 09/11/19 16:00
Date Received: 09/12/19
Field Prep: Not Specified

Sample Depth:
Matrix: Air
Anaytical Method: 48,TO-15-SIM
Analytical Date: 09/12/19 17:46
Analyst: EW

	ppbV			ug/m3				
Parameter	**Results**	**RL**	**MDL**	**Results**	**RL**	**MDL**	**Qualifier**	**Dilution Factor**
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
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
1,2-Dichloropropane	ND	0.020	--	ND	0.092	--		1

Project Name: BATCH CANISTER CERTIFICATION
Project Number: CANISTER QC BAT

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Air Canister Certification Results

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Client ID: CAN 1668 SHELF 30
Sample Location:

Date Collected: 09/11/19 16:00
Date Received: 09/12/19
Field Prep: Not Specified

Sample Depth:

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
Volatile Organics in Air by SIM - Mansfield Lab								
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-Trimethybenzene	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
sec-Butylbenzene	ND	0.200	--	ND	1.10	--		1

Project Name: BATCH CANISTER CERTIFICATION
Project Number: CANISTER QC BAT
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Report Date: 10/03/19

Air Canister Certification Results

Lab ID: L1941865-01
Client ID: CAN 1668 SHELF 30
Sample Location:

Date Collected: 09/11/19 16:00
Date Received: 09/12/19
Field Prep: Not Specified

Sample Depth:

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
Volatile Organics in Air by SIM - Mansfield Lab								
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	98		60-140
bromochloromethane	99		60-140
chlorobenzene-d5	96		60-140

Project Name: 2925 WESTCHESTER AVE
Project Number: 2925 WESTCHESTER AVE

Lab Number: L1945065
Report Date: 10/03/19

Sample Receipt and Container Information

Were project specific reporting limits specified? YES

Cooler Information

Cooler	Custody Seal
NA	Absent

Container Information

Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
L1945065-01A	Canister - 6 Liter	NA	NA			Y	Absent		TO15-LL(30),TO15-SIM(30)
L1945065-02A	Canister - 6 Liter	NA	NA			Y	Absent		TO15-LL(30),TO15-SIM(30)
L1945065-03A	Canister - 6 Liter	NA	NA			Y	Absent		TO15-LL(30),TO15-SIM(30)
L1945065-04A	Canister - 6 Liter	NA	NA			Y	Absent		TO15-LL(30),TO15-SIM(30)
L1945065-05A	Canister - 6 Liter	NA	NA			Y	Absent		TO15-LL(30),TO15-SIM(30)
L1945065-06A	Canister - 6 Liter	NA	NA			Y	Absent		TO15-LL(30),TO15-SIM(30)

*Values in parentheses indicate holding time in days

Project Name:	2925 WESTCHESTER AVE	**Lab Number:**	L1945065
Project Number:	2925 WESTCHESTER AVE	**Report Date:**	10/03/19

GLOSSARY

Acronyms

DL	- Detection Limit: This value represents the level to which target analyte concentrations are reported as estimated values, when those target analyte concentrations are quantified below the limit of quantitation (LOQ). The DL includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.)
EDL	- Estimated Detection Limit: This value represents the level to which target analyte concentrations are reported as estimated values, when those target analyte concentrations are quantified below the reporting limit (RL). The EDL includes any adjustments from dilutions, concentrations or moisture content, where applicable. The use of EDLs is specific to the analysis of PAHs using Solid-Phase Microextraction (SPME).
EMPC	- Estimated Maximum Possible Concentration: The concentration that results from the signal present at the retention time of an analyte when the ions meet all of the identification criteria except the ion abundance ratio criteria. An EMPC is a worst-case estimate of the concentration.
EPA	- Environmental Protection Agency.
LCS	- Laboratory Control Sample: A sample matrix, free from the analytes of interest, spiked with verified known amounts of analytes or a material containing known and verified amounts of analytes.
LCSD	- Laboratory Control Sample Duplicate: Refer to LCS.
LFB	- Laboratory Fortified Blank: A sample matrix, free from the analytes of interest, spiked with verified known amounts of analytes or a material containing known and verified amounts of analytes.
LOD	- Limit of Detection: This value represents the level to which a target analyte can reliably be detected for a specific analyte in a specific matrix by a specific method. The LOD includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.)
LOQ	- Limit of Quantitation: The value at which an instrument can accurately measure an analyte at a specific concentration. The LOQ includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.) Limit of Quantitation: The value at which an instrument can accurately measure an analyte at a specific concentration. The LOQ includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.)
MDL	- Method Detection Limit: This value represents the level to which target analyte concentrations are reported as estimated values, when those target analyte concentrations are quantified below the reporting limit (RL). The MDL includes any adjustments from dilutions, concentrations or moisture content, where applicable.
MS	- Matrix Spike Sample: A sample prepared by adding a known mass of target analyte to a specified amount of matrix sample for which an independent estimate of target analyte concentration is available. 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.
RL	- Reporting Limit: The value at which an instrument can accurately measure an analyte at a specific concentration. The RL includes any adjustments from dilutions, concentrations or moisture content, where applicable.
RPD	- Relative Percent Difference: The results from matrix and/or matrix spike duplicates are primarily designed to assess the precision of analytical results in a given matrix and are expressed as relative percent difference (RPD). Values which are less than five times the reporting limit for any individual parameter are evaluated by utilizing the absolute difference between the values; although the RPD value will be provided in the report.
SRM	- Standard Reference Material: A reference sample of a known or certified value that is of the same or similar matrix as the associated field samples.
STLP	- Semi-dynamic Tank Leaching Procedure per EPA Method 1315.
TEF	- Toxic Equivalency Factors: The values assigned to each dioxin and furan to evaluate their toxicity relative to 2,3,7,8-TCDD.
TEQ	- Toxic Equivalent: The measure of a sample's toxicity derived by multiplying each dioxin and furan by its corresponding TEF and then summing the resulting values.
TIC	- Tentatively Identified Compound: A compound that has been identified to be present and is not part of the target compound list (TCL) for the method and/or program. All TICs are qualitatively identified and reported as estimated concentrations.

Footnotes

Report Format: Data Usability Report

Project Name:	2925 WESTCHESTER AVE	**Lab Number:**	L1945065
Project Number:	2925 WESTCHESTER AVE	**Report Date:**	10/03/19

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.

PFAS Total: With respect to PFAS analyses, the 'PFAS, Total (5)' result is defined as the summation of results for: PFHpA, PFHxS, PFOA, PFNA and PFOS. If a 'Total' result is requested, the results of its individual components will also be reported.

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

Data Qualifiers

A - Spectra identified as "Aldol 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.

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 the identification is based on a mass spectral library search.

P - The RPD between the results for the two columns exceeds the method-specified criteria.

Q - The quality control sample exceeds the associated acceptance criteria. For DOD-related projects, LCS and/or Continuing Calibration Standard exceedences are also qualified on all associated sample results. Note: This flag is not applicable for matrix spike recoveries when the sample concentration is greater than 4x the spike added or for batch duplicate RPD when the sample concentrations are less than 5x the RL. (Metals only.)

R - Analytical results are from sample re-analysis.

RE - Analytical results are from sample re-extraction.

S - Analytical results are from modified screening analysis.

Report Format: Data Usability Report

Project Name:	2925 WESTCHESTER AVE	**Lab Number:**	L1945065
Project Number:	2925 WESTCHESTER AVE	**Report Date:**	10/03/19

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
EPA 8260C: NPW: 1,2,4,5-Tetramethylbenzene; 4-Ethyltoluene, Azobenzene; SCM: Iodomethane (methyl iodide), 1,2,4,5-Tetramethylbenzene; 4-Ethyltoluene.
EPA 8270D: NPW: Dimethylnaphthalene,1,4-Diphenylhydrazine; 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, SM4500Cl-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, **LACHAT 10-107-06-1-B**: Ammonia-N, **EPA 351.1, SM4500NO3-F, EPA 353.2**: Nitrate-N**, SM4500P-E, SM4500P-B, E, SM4500SO4-E, SM5220D, EPA 410.4, SM5210B, SM5310C, SM4500CL-D, EPA 1664, EPA 420.1, SM4500-CN-CE, SM2540D, EPA 300: Chloride, Sulfate, Nitrate.**
EPA 624.1: Volatile Halocarbons & Aromatics,
EPA 608.3: Chlordane, Toxaphene, Aldrin, alpha-BHC, beta-BHC, gamma-BHC, delta-BHC, Dieldrin, DDD, DDE, DDT, Endosulfan I, Endosulfan II, Endosulfan sulfate, Endrin, Endrin Aldehyde, Heptachlor, Heptachlor Epoxide, PCBs
EPA 625.1: SVOC (Acid/Base/Neutral Extractables), **EPA 600/4-81-045**: PCB-Oil.
Microbiology: **SM9223B-Colilert-QT; Enterolert-QT, SM9221E, EPA 1600, EPA 1603.**

Mansfield Facility:

Drinking Water
EPA 200.7: Al, Ba, Cd, Cr, Cu, Fe, Mn, Ni, Na, Ag, Ca, Zn. **EPA 200.8:** Al, Sb, As, Ba, Be, Cd, Cr, Cu, Pb, Mn, Ni, Se, Ag, TL, Zn. **EPA 245.1** Hg.
EPA 522.

Non-Potable Water
EPA 200.7: Al, Sb, As, Be, Cd, Ca, Cr, Co, Cu, Fe, Pb, Mg, Mn, Mo, Ni, K, Se, Ag, Na, Sr, TL, Ti, V, Zn.
EPA 200.8: Al, Sb**,** As, Be, Cd, Cr, Cu, Fe, Pb, Mn, Ni, K, Se, Ag, Na, TL, Zn.
EPA 245.1 Hg.
SM2340B

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

AIR ANALYSIS

PAGE 1 OF 1

ALPHA ANALYTICAL — CHAIN OF CUSTODY

320 Forbes Blvd, Mansfield, MA 02048
TEL: 508-822-9300 FAX: 508-822-3288

Date Rec'd in Lab: 9/28/19

ALPHA Job #: L1945065

Client Information

Client: Tenen Environmental
Address: 121 W 27th Street Suite 702
New York, NY 10001
Phone: 646-606-2332
Fax: gplatt@tenen-env.com
Email: acarroll@tenen-env.com
☐ These samples have been previously analyzed by Alpha

Project Information

Project Name: 2925 Westchester Ave
Project Location: 〃
Project #: 〃
Project Manager: A. Carroll
ALPHA Quote #:

Turn-Around Time

☒ Standard ☐ RUSH (only confirmed if pre-approved)
Date Due: Time:

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

Other Project Specific Requirements/Comments:

Project-Specific Target Compound List: ☐

ANALYSIS

All Columns Below Must Be Filled Out

ALPHA Lab ID (Lab Use Only)	Sample ID	COLLECTION End Date	Start Time	End Time	Initial Vacuum	Final Vacuum	Sample Matrix*	Sampler's Initials	Can Size	I D Can	I D - Flow Controller	TO-15	TO-15 SIM	APH (subset from speciation HCs) ☐	Fixed Gases	Sulfides & Mercaptans by TO-15	Sample Comments (i.e. PID)
	AA-1	9/27/19	8:03	4:11	-30.28	-6.00	AA	AP	6L	2548	0048	X					Pilgrim Ave
	IA-1		8:53	4:55	-29.48	-6.79	AA	AP	6L	753	0309	X					Barber Shop
	IA-2		9:02	4:59	-29.82	-6.14	AA	AP	6L	649	0758	X					Flooring Shop
	IA-3		9:06	5:04	-30.18	-5.46	AA	AP	6L	1658	0167	X					Tutor (1st Fl)
	IA-4		9:22	5:05	-30.24	-1.49	AA	AP	6L	1798	0975	X					Tutor (Basement)
	IA-5		9:34	5:10	-29.49	-3.60	AA	AP	6L	7380	0722	X					Boost Mobile

*SAMPLE MATRIX CODES

AA = Ambient Air (Indoor/Outdoor)
SV = Soil Vapor/Landfill Gas/SVE
Other = Please Specify

Container Type: Summa

Relinquished By:	Date/Time	Received By:	Date/Time:
A. Platt	9/27/19 17:20	D Lefkowitz AAL	9/27/19 17:20
D Lefkowitz AAL	9/27/19 1940		9/27/19 2300
	9/28/19 0445		9/28/19 0419

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.

Form No: 101-02 Rev: (25-Sep-15)

ANALYTICAL REPORT

Lab Number:	L1945321
Client:	Tenen Environmental, LLC 121 West 27th Street Suite 702 New York City, NY 10001
ATTN:	Alana Carroll
Phone:	(646) 606-2332
Project Name:	2925 WESTCHESTER AVE
Project Number:	2925 WESTCHESTER AVE
Report Date:	10/04/19

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: 2925 WESTCHESTER AVE
Project Number: 2925 WESTCHESTER AVE

Lab Number: L1945321
Report Date: 10/04/19

Alpha Sample ID	Client ID	Matrix	Sample Location	Collection Date/Time	Receive Date
L1945321-01	MW-1 (16-18)	SOIL	2925 WESTCHESTER AVE	09/27/19 10:20	09/27/19

Project Name:	2925 WESTCHESTER AVE	**Lab Number:**	L1945321
Project Number:	2925 WESTCHESTER AVE	**Report Date:**	10/04/19

Case Narrative

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

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

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

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

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

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

Project Name:	2925 WESTCHESTER AVE	**Lab Number:**	L1945321
Project Number:	2925 WESTCHESTER AVE	**Report Date:**	10/04/19

Case Narrative (continued)

Report Submission

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

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: Lisa Westerlind

Title: Technical Director/Representative Date: 10/04/19

METALS

Project Name: 2925 WESTCHESTER AVE
Lab Number: L1945321
Project Number: 2925 WESTCHESTER AVE
Report Date: 10/04/19

SAMPLE RESULTS

Lab ID: L1945321-01
Client ID: MW-1 (16-18)
Sample Location: 2925 WESTCHESTER AVE
Date Collected: 09/27/19 10:20
Date Received: 09/27/19
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Percent Solids: 94%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Arsenic, Total	0.270	J	mg/kg	0.423	0.088	1	10/01/19 20:08	10/03/19 01:18	EPA 3050B	1,6010D	MC
Barium, Total	43.5		mg/kg	0.423	0.074	1	10/01/19 20:08	10/03/19 01:18	EPA 3050B	1,6010D	MC
Cadmium, Total	0.110	J	mg/kg	0.423	0.041	1	10/01/19 20:08	10/03/19 01:18	EPA 3050B	1,6010D	MC
Chromium, Total	27.0		mg/kg	0.423	0.041	1	10/01/19 20:08	10/03/19 01:18	EPA 3050B	1,6010D	MC
Lead, Total	2.17		mg/kg	2.11	0.113	1	10/01/19 20:08	10/03/19 01:18	EPA 3050B	1,6010D	MC
Mercury, Total	ND		mg/kg	0.085	0.055	1	10/01/19 21:50	10/02/19 17:00	EPA 7471B	1,7471B	GD
Selenium, Total	ND		mg/kg	0.845	0.109	1	10/01/19 20:08	10/03/19 01:18	EPA 3050B	1,6010D	MC
Silver, Total	ND		mg/kg	0.423	0.120	1	10/01/19 20:08	10/03/19 01:18	EPA 3050B	1,6010D	MC

Project Name: 2925 WESTCHESTER AVE
Project Number: 2925 WESTCHESTER A\

Lab Number: L1945321
Report Date: 10/04/19

Method Blank Analysis
Batch Quality Control

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
Total Metals - Mansfield Lab for sample(s): 01 Batch: WG1290914-1										
Arsenic, Total	ND		mg/kg	0.400	0.083	1	10/01/19 20:08	10/02/19 22:00	1,6010D	MC
Barium, Total	ND		mg/kg	0.400	0.070	1	10/01/19 20:08	10/02/19 22:00	1,6010D	MC
Cadmium, Total	ND		mg/kg	0.400	0.039	1	10/01/19 20:08	10/02/19 22:00	1,6010D	MC
Chromium, Total	ND		mg/kg	0.400	0.038	1	10/01/19 20:08	10/02/19 22:00	1,6010D	MC
Lead, Total	ND		mg/kg	2.00	0.107	1	10/01/19 20:08	10/02/19 22:00	1,6010D	MC
Selenium, Total	ND		mg/kg	0.800	0.103	1	10/01/19 20:08	10/02/19 22:00	1,6010D	MC
Silver, Total	ND		mg/kg	0.400	0.113	1	10/01/19 20:08	10/02/19 22:00	1,6010D	MC

Prep Information

Digestion Method: EPA 3050B

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
Total Metals - Mansfield Lab for sample(s): 01 Batch: WG1290951-1										
Mercury, Total	ND		mg/kg	0.083	0.054	1	10/01/19 21:50	10/02/19 16:03	1,7471B	GD

Prep Information

Digestion Method: EPA 7471B

Lab Control Sample Analysis

Batch Quality Control

Project Name: 2925 WESTCHESTER AVE

Project Number: 2925 WESTCHESTER AVE

Lab Number: L1945321

Report Date: 10/04/19

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01 Batch: WG1290914-2 SRM Lot Number: D105-540								
Arsenic, Total	101		-		70-130	-		
Barium, Total	86		-		75-125	-		
Cadmium, Total	94		-		75-125	-		
Chromium, Total	90		-		70-130	-		
Lead, Total	94		-		71-128	-		
Selenium, Total	98		-		63-137	-		
Silver, Total	93		-		69-131	-		
Total Metals - Mansfield Lab Associated sample(s): 01 Batch: WG1290951-2 SRM Lot Number: D105-540								
Mercury, Total	92		-		60-141	-		

Matrix Spike Analysis
Batch Quality Control

Project Name: 2925 WESTCHESTER AVE
Project Number: 2925 WESTCHESTER AVE

Lab Number: L1945321
Report Date: 10/04/19

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 QC Batch ID: WG1290914-3 QC Sample: L1945038-01 Client ID: MS Sample												
Arsenic, Total	ND	64.8	73.3	113		-	-		75-125	-		20
Barium, Total	35.8	1080	1100	98		-	-		75-125	-		20
Cadmium, Total	0.320J	27.5	30.4	110		-	-		75-125	-		20
Chromium, Total	3.81	108	113	101		-	-		75-125	-		20
Lead, Total	90.9	275	396	111		-	-		75-125	-		20
Selenium, Total	1.97J	64.8	75.6	117		-	-		75-125	-		20
Silver, Total	ND	162	163	101		-	-		75-125	-		20
Total Metals - Mansfield Lab Associated sample(s): 01 QC Batch ID: WG1290951-3 WG1290951-4 QC Sample: L1945225-01 Client ID: MS Sample												
Mercury, Total	0.139	0.186	0.326	100		0.365	109		80-120	11		20

Lab Duplicate Analysis

Batch Quality Control

Project Name: 2925 WESTCHESTER AVE

Project Number: 2925 WESTCHESTER AVE

Lab Number: L1945321

Report Date: 10/04/19

Parameter	Native Sample	Duplicate Sample	Units	RPD	Qual	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01 QC Batch ID: WG1290914-4 QC Sample: L1945038-01 Client ID: DUP Sample						
Arsenic, Total	ND	ND	mg/kg	NC		20
Lead, Total	90.9	118	mg/kg	**26**	Q	20

INORGANICS
&
MISCELLANEOUS

Project Name: 2925 WESTCHESTER AVE
Project Number: 2925 WESTCHESTER AVE

Lab Number: L1945321
Report Date: 10/04/19

SAMPLE RESULTS

Lab ID: L1945321-01
Client ID: MW-1 (16-18)
Sample Location: 2925 WESTCHESTER AVE

Date Collected: 09/27/19 10:20
Date Received: 09/27/19
Field Prep: Not Specified

Sample Depth:
Matrix: Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	93.6		%	0.100	NA	1	-	09/28/19 09:10	121,2540G	RI

Lab Duplicate Analysis

Batch Quality Control

Project Name: 2925 WESTCHESTER AVE

Project Number: 2925 WESTCHESTER AVE

Lab Number: L1945321

Report Date: 10/04/19

Parameter	Native Sample	Duplicate Sample	Units	RPD	Qual	RPD Limits
General Chemistry - Westborough Lab Associated sample(s): 01 QC Batch ID: WG1289790-1 QC Sample: L1944986-01 Client ID: DUP Sample						
Solids, Total	91.7	90.7	%	1		20

Project Name: 2925 WESTCHESTER AVE
Project Number: 2925 WESTCHESTER AVE

Lab Number: L1945321
Report Date: 10/04/19

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(*)*
L1945321-01A	Plastic 2oz unpreserved for TS	A	NA		4.2	Y	Absent		AS-TI(180),BA-TI(180),AG-TI(180),CR-TI(180),PB-TI(180),SE-TI(180),HG-T(28),CD-TI(180)

*Values in parentheses indicate holding time in days

Project Name:	2925 WESTCHESTER AVE	**Lab Number:**	L1945321
Project Number:	2925 WESTCHESTER AVE	**Report Date:**	10/04/19

GLOSSARY

Acronyms

DL - Detection Limit: This value represents the level to which target analyte concentrations are reported as estimated values, when those target analyte concentrations are quantified below the limit of quantitation (LOQ). The DL includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.)

EDL - Estimated Detection Limit: This value represents the level to which target analyte concentrations are reported as estimated values, when those target analyte concentrations are quantified below the reporting limit (RL). The EDL includes any adjustments from dilutions, concentrations or moisture content, where applicable. The use of EDLs is specific to the analysis of PAHs using Solid-Phase Microextraction (SPME).

EMPC - Estimated Maximum Possible Concentration: The concentration that results from the signal present at the retention time of an analyte when the ions meet all of the identification criteria except the ion abundance ratio criteria. An EMPC is a worst-case estimate of the concentration.

EPA - Environmental Protection Agency.

LCS - Laboratory Control Sample: A sample matrix, free from the analytes of interest, spiked with verified known amounts of analytes or a material containing known and verified amounts of analytes.

LCSD - Laboratory Control Sample Duplicate: Refer to LCS.

LFB - Laboratory Fortified Blank: A sample matrix, free from the analytes of interest, spiked with verified known amounts of analytes or a material containing known and verified amounts of analytes.

LOD - Limit of Detection: This value represents the level to which a target analyte can reliably be detected for a specific analyte in a specific matrix by a specific method. The LOD includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.)

LOQ - Limit of Quantitation: The value at which an instrument can accurately measure an analyte at a specific concentration. The LOQ includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.)

Limit of Quantitation: The value at which an instrument can accurately measure an analyte at a specific concentration. The LOQ includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.)

MDL - Method Detection Limit: This value represents the level to which target analyte concentrations are reported as estimated values, when those target analyte concentrations are quantified below the reporting limit (RL). The MDL includes any adjustments from dilutions, concentrations or moisture content, where applicable.

MS - Matrix Spike Sample: A sample prepared by adding a known mass of target analyte to a specified amount of matrix sample for which an independent estimate of target analyte concentration is available. 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.

RL - Reporting Limit: The value at which an instrument can accurately measure an analyte at a specific concentration. The RL includes any adjustments from dilutions, concentrations or moisture content, where applicable.

RPD - Relative Percent Difference: The results from matrix and/or matrix spike duplicates are primarily designed to assess the precision of analytical results in a given matrix and are expressed as relative percent difference (RPD). Values which are less than five times the reporting limit for any individual parameter are evaluated by utilizing the absolute difference between the values; although the RPD value will be provided in the report.

SRM - Standard Reference Material: A reference sample of a known or certified value that is of the same or similar matrix as the associated field samples.

STLP - Semi-dynamic Tank Leaching Procedure per EPA Method 1315.

TEF - Toxic Equivalency Factors: The values assigned to each dioxin and furan to evaluate their toxicity relative to 2,3,7,8-TCDD.

TEQ - Toxic Equivalent: The measure of a sample's toxicity derived by multiplying each dioxin and furan by its corresponding TEF and then summing the resulting values.

TIC - Tentatively Identified Compound: A compound that has been identified to be present and is not part of the target compound list (TCL) for the method and/or program. All TICs are qualitatively identified and reported as estimated concentrations.

Footnotes

Report Format: DU Report with 'J' Qualifiers

Project Name:	2925 WESTCHESTER AVE	**Lab Number:**	L1945321
Project Number:	2925 WESTCHESTER AVE	**Report Date:**	10/04/19

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.

PFAS Total: With respect to PFAS analyses, the 'PFAS, Total (5)' result is defined as the summation of results for: PFHpA, PFHxS, PFOA, PFNA and PFOS. If a 'Total' result is requested, the results of its individual components will also be reported.

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

Data Qualifiers

A - Spectra identified as "Aldol 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.

G - The concentration may be biased high due to matrix interferences (i.e, co-elution) with non-target compound(s). The result should be considered estimated.

H - The analysis of pH was performed beyond the regulatory-required holding time of 15 minutes from the time of sample collection.

I - The lower value for the two columns has been reported due to obvious interference.

J - Estimated value. The Target analyte concentration is below the quantitation limit (RL), but above the Method Detection Limit (MDL) or Estimated Detection Limit (EDL) for SPME-related analyses. This represents an estimated concentration for Tentatively Identified Compounds (TICs).

M - Reporting Limit (RL) exceeds the MCP CAM Reporting Limit for this analyte.

ND - Not detected at the method detection limit (MDL) for the sample, or estimated detection limit (EDL) for SPME-related analyses.

NJ - Presumptive evidence of compound. This represents an estimated concentration for Tentatively Identified Compounds (TICs), where the identification is based on a mass spectral library search.

P - The RPD between the results for the two columns exceeds the method-specified criteria.

Q - The quality control sample exceeds the associated acceptance criteria. For DOD-related projects, LCS and/or Continuing Calibration Standard exceedences are also qualified on all associated sample results. Note: This flag is not applicable for matrix spike recoveries when the sample concentration is greater than 4x the spike added or for batch duplicate RPD when the sample concentrations are less than 5x the RL. (Metals only.)

R - Analytical results are from sample re-analysis.

RE - Analytical results are from sample re-extraction.

S - Analytical results are from modified screening analysis.

Report Format: DU Report with 'J' Qualifiers

Project Name:	2925 WESTCHESTER AVE	**Lab Number:**	L1945321
Project Number:	2925 WESTCHESTER AVE	**Report Date:**	10/04/19

REFERENCES

1 Test Methods for Evaluating Solid Waste: Physical/Chemical Methods. EPA SW-846. Third Edition. Updates I - IV, 2007.

121 Standard Methods for the Examination of Water and Wastewater. APHA-AWWA-WEF. Standard Methods Online.

LIMITATION OF LIABILITIES

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

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

Certification Information

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

Westborough Facility
EPA 624/624.1: m/p-xylene, o-xylene
EPA 8260C: NPW: 1,2,4,5-Tetramethylbenzene; 4-Ethyltoluene, Azobenzene; SCM: Iodomethane (methyl iodide), 1,2,4,5-Tetramethylbenzene; 4-Ethyltoluene.
EPA 8270D: NPW: Dimethylnaphthalene,1,4-Diphenylhydrazine; 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, SM4500Cl-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, **LACHAT 10-107-06-1-B**: Ammonia-N, **EPA 351.1, SM4500NO3-F, EPA 353.2**: Nitrate-N**, SM4500P-E, SM4500P-B, E, SM4500SO4-E, SM5220D, EPA 410.4, SM5210B, SM5310C, SM4500CL-D, EPA 1664, EPA 420.1, SM4500-CN-CE, SM2540D, EPA 300: Chloride, Sulfate, Nitrate.**
EPA 624.1: Volatile Halocarbons & Aromatics,
EPA 608.3: Chlordane, Toxaphene, Aldrin, alpha-BHC, beta-BHC, gamma-BHC, delta-BHC, Dieldrin, DDD, DDE, DDT, Endosulfan I, Endosulfan II, Endosulfan sulfate, Endrin, Endrin Aldehyde, Heptachlor, Heptachlor Epoxide, PCBs
EPA 625.1: SVOC (Acid/Base/Neutral Extractables), **EPA 600/4-81-045**: PCB-Oil.
Microbiology: **SM9223B-Colilert-QT; Enterolert-QT, SM9221E, EPA 1600, EPA 1603.**

Mansfield Facility:

Drinking Water
EPA 200.7: Al, Ba, Cd, Cr, Cu, Fe, Mn, Ni, Na, Ag, Ca, Zn. **EPA 200.8:** Al, Sb, As, Ba, Be, Cd, Cr, Cu, Pb, Mn, Ni, Se, Ag, TL, Zn. **EPA 245.1** Hg.
EPA 522.

Non-Potable Water
EPA 200.7: Al, Sb, As, Be, Cd, Ca, Cr, Co, Cu, Fe, Pb, Mg, Mn, Mo, Ni, K, Se, Ag, Na, Sr, TL, Ti, V, Zn.
EPA 200.8: Al, Sb**,** As, Be, Cd, Cr, Cu, Fe, Pb, Mn, Ni, K, Se, Ag, Na, TL, Zn.
EPA 245.1 Hg.
SM2340B

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

JK 10/1/19 L1945321

NEW YORK CHAIN OF CUSTODY

ALPHA ANALYTICAL

Westborough, MA 01581
8 Walkup Dr.
TEL: 508-898-9220
FAX: 508-898-9193

Mansfield, MA 02048
320 Forbes Blvd
TEL: 508-822-9300
FAX: 508-822-3288

Service Centers
Mahwah, NJ 07430: 35 Whitney Rd, Suite 5
Albany, NY 12205: 14 Walker Way
Tonawanda, NY 14150: 275 Cooper Ave, Suite 105

Page 1 of 1

Date Rec'd in Lab: 9/28/19

ALPHA Job #: ~~L1945321~~

Client Information
Client: Tenen Environmental
Address: 121 West 27th Street
Suite 702, NY, NY 10001
Phone: 646-606-2332
Fax: aplatt@tenen-env.com
Email: acarroll@tenen-env.com

Project Information
Project Name: 2925 Westchester Ave
Project Location: N Y
Project #
(Use Project name as Project #) ☒
Project Manager: A. Carroll
ALPHAQuote #:

Turn-Around Time
Standard ☒ Due Date:
Rush (only if pre approved) ☐ # of Days:

These samples have been previously analyzed by Alpha ☐

Other project specific requirements/comments:

Please specify Metals or TAL.

Deliverables
☐ ASP-A ☒ ASP-B
☐ EQuIS (1 File) ☐ EQuIS (4 File)
☐ Other

Regulatory Requirement
☐ NY TOGS ☒ NY Part 375
☐ AWQ Standards ☒ NY CP-51
☐ NY Restricted Use ☐ Other
☐ NY Unrestricted Use
☐ NYC Sewer Discharge

Billing Information
☒ Same as Client Info
PO #

Disposal Site Information
Please identify below location of applicable disposal facilities.
Disposal Facility:
☐ NJ ☐ NY
☐ Other:

Sample Filtration
☐ Done
☐ Lab to do
Preservation
☐ Lab to do
(Please Specify below)

Sample Specific Comments

ANALYSIS

45321-01

TRCRA8

ALPHA Lab ID (Lab Use Only)	Sample ID	Collection Date	Collection Time	Sample Matrix	Sampler's Initials	TRCRA8		Total Bottle
~~L1945321-01~~	MW-1 (16-18)	9/27/19	10:20	Soil	AP	X	X	4

Preservative Code:
A = None
B = HCl
C = HNO_3
D = H_2SO_4
E = NaOH
F = MeOH
G = $NaHSO_4$
H = $Na_2S_2O_3$
K/E = Zn Ac/NaOH
O = Other

Container Code
P = Plastic
A = Amber Glass
V = Vial
G = Glass
B = Bacteria Cup
C = Cube
O = Other
E = Encore
D = BOD Bottle

Westboro: Certification No: MA935
Mansfield: Certification No: MA015

Container Type	E								
Preservative	A								

Relinquished By:	Date/Time	Received By:	Date/Time
A. Platt	9/27/19 17:20	[illegible] HHL	9/27/19 1720
[illegible] HHL	9/27/19 1940	[illegible] AIL	9/27/19 2140
[illegible] AIL	9/28/19 0130	[illegible]	9/28/19 0130

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.)

Form No: 01-25 HC (rev. 30-Sept-2013)

ANALYTICAL REPORT

Lab Number:	L1946362
Client:	Tenen Environmental, LLC 121 West 27th Street Suite 702 New York City, NY 10001
ATTN:	Alana Carroll
Phone:	(646) 606-2332
Project Name:	2925 WESTCHESTER AVE
Project Number:	2925 WESTCHESTER AVE
Report Date:	10/11/19

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: 2925 WESTCHESTER AVE
Project Number: 2925 WESTCHESTER AVE

Lab Number: L1946362
Report Date: 10/11/19

Alpha Sample ID	Client ID	Matrix	Sample Location	Collection Date/Time	Receive Date
L1946362-01	MW-2	WATER	2925 WESTCHESTER AVE	10/04/19 08:55	10/04/19
L1946362-02	MW-1	WATER	2925 WESTCHESTER AVE	10/04/19 09:20	10/04/19

Project Name:	2925 WESTCHESTER AVE	**Lab Number:**	L1946362
Project Number:	2925 WESTCHESTER AVE	**Report Date:**	10/11/19

Case Narrative

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

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

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

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

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

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

Project Name:	2925 WESTCHESTER AVE	**Lab Number:**	L1946362
Project Number:	2925 WESTCHESTER AVE	**Report Date:**	10/11/19

Case Narrative (continued)

Report Submission

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

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: Tiffani Morrissey - Tiffani Morrissey

Title: Technical Director/Representative Date: 10/11/19

ORGANICS

VOLATILES

Project Name: 2925 WESTCHESTER AVE
Lab Number: L1946362
Project Number: 2925 WESTCHESTER A\
Report Date: 10/11/19

SAMPLE RESULTS

Lab ID: L1946362-01
Client ID: MW-2
Sample Location: 2925 WESTCHESTER AVE
Date Collected: 10/04/19 08:55
Date Received: 10/04/19
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8260C
Analytical Date: 10/10/19 13:30
Analyst: AD

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Methylene chloride	ND		ug/l	2.5	0.70	1
1,1-Dichloroethane	ND		ug/l	2.5	0.70	1
Chloroform	ND		ug/l	2.5	0.70	1
Carbon tetrachloride	ND		ug/l	0.50	0.13	1
1,2-Dichloropropane	ND		ug/l	1.0	0.14	1
Dibromochloromethane	ND		ug/l	0.50	0.15	1
1,1,2-Trichloroethane	ND		ug/l	1.5	0.50	1
Tetrachloroethene	ND		ug/l	0.50	0.18	1
Chlorobenzene	ND		ug/l	2.5	0.70	1
Trichlorofluoromethane	ND		ug/l	2.5	0.70	1
1,2-Dichloroethane	ND		ug/l	0.50	0.13	1
1,1,1-Trichloroethane	ND		ug/l	2.5	0.70	1
Bromodichloromethane	ND		ug/l	0.50	0.19	1
trans-1,3-Dichloropropene	ND		ug/l	0.50	0.16	1
cis-1,3-Dichloropropene	ND		ug/l	0.50	0.14	1
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
1,1,2,2-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: 2925 WESTCHESTER AVE **Lab Number:** L1946362

Project Number: 2925 WESTCHESTER A\ **Report Date:** 10/11/19

SAMPLE RESULTS

Lab ID: L1946362-01 Date Collected: 10/04/19 08:55

Client ID: MW-2 Date Received: 10/04/19

Sample Location: 2925 WESTCHESTER AVE 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	6.0		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: 2925 WESTCHESTER AVE **Lab Number:** L1946362

Project Number: 2925 WESTCHESTER A\ **Report Date:** 10/11/19

SAMPLE RESULTS

Lab ID: L1946362-01 Date Collected: 10/04/19 08:55

Client ID: MW-2 Date Received: 10/04/19

Sample Location: 2925 WESTCHESTER AVE 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

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	93		70-130
Toluene-d8	98		70-130
4-Bromofluorobenzene	102		70-130
Dibromofluoromethane	92		70-130

Project Name: 2925 WESTCHESTER AVE **Lab Number:** L1946362

Project Number: 2925 WESTCHESTER A\ **Report Date:** 10/11/19

SAMPLE RESULTS

Lab ID: L1946362-02 Date Collected: 10/04/19 09:20

Client ID: MW-1 Date Received: 10/04/19

Sample Location: 2925 WESTCHESTER AVE Field Prep: Not Specified

Sample Depth:

Matrix: Water

Analytical Method: 1,8260C

Analytical Date: 10/10/19 13:53

Analyst: AD

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Methylene chloride	ND		ug/l	2.5	0.70	1
1,1-Dichloroethane	ND		ug/l	2.5	0.70	1
Chloroform	ND		ug/l	2.5	0.70	1
Carbon tetrachloride	ND		ug/l	0.50	0.13	1
1,2-Dichloropropane	ND		ug/l	1.0	0.14	1
Dibromochloromethane	ND		ug/l	0.50	0.15	1
1,1,2-Trichloroethane	ND		ug/l	1.5	0.50	1
Tetrachloroethene	1.2		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
1,1,2,2-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: 2925 WESTCHESTER AVE **Lab Number:** L1946362

Project Number: 2925 WESTCHESTER A\ **Report Date:** 10/11/19

SAMPLE RESULTS

Lab ID: L1946362-02 Date Collected: 10/04/19 09:20

Client ID: MW-1 Date Received: 10/04/19

Sample Location: 2925 WESTCHESTER AVE 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	1.5	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: 2925 WESTCHESTER AVE **Lab Number:** L1946362

Project Number: 2925 WESTCHESTER A\ **Report Date:** 10/11/19

SAMPLE RESULTS

Lab ID: L1946362-02 Date Collected: 10/04/19 09:20

Client ID: MW-1 Date Received: 10/04/19

Sample Location: 2925 WESTCHESTER AVE 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

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	92		70-130
Toluene-d8	99		70-130
4-Bromofluorobenzene	103		70-130
Dibromofluoromethane	92		70-130

Project Name: 2925 WESTCHESTER AVE **Lab Number:** L1946362

Project Number: 2925 WESTCHESTER AVE **Report Date:** 10/11/19

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260C
Analytical Date: 10/10/19 08:28
Analyst: PD

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 01-02 Batch: WG1294640-5					
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: 2925 WESTCHESTER AVE **Lab Number:** L1946362

Project Number: 2925 WESTCHESTER AVE **Report Date:** 10/11/19

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260C
Analytical Date: 10/10/19 08:28
Analyst: PD

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 01-02 Batch: WG1294640-5					
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: 2925 WESTCHESTER AVE **Lab Number:** L1946362

Project Number: 2925 WESTCHESTER AVE **Report Date:** 10/11/19

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260C
Analytical Date: 10/10/19 08:28
Analyst: PD

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 01-02 Batch: WG1294640-5					
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

Surrogate	%Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	87		70-130
Toluene-d8	99		70-130
4-Bromofluorobenzene	104		70-130
Dibromofluoromethane	90		70-130

Lab Control Sample Analysis

Batch Quality Control

Project Name: 2925 WESTCHESTER AVE

Project Number: 2925 WESTCHESTER AVE

Lab Number: L1946362

Report Date: 10/11/19

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-02 Batch: WG1294640-3 WG1294640-4								
Methylene chloride	93		91		70-130	2		20
1,1-Dichloroethane	100		100		70-130	0		20
Chloroform	87		86		70-130	1		20
Carbon tetrachloride	86		86		63-132	0		20
1,2-Dichloropropane	110		110		70-130	0		20
Dibromochloromethane	84		82		63-130	2		20
1,1,2-Trichloroethane	100		100		70-130	0		20
Tetrachloroethene	95		93		70-130	2		20
Chlorobenzene	96		95		75-130	1		20
Trichlorofluoromethane	99		98		62-150	1		20
1,2-Dichloroethane	85		84		70-130	1		20
1,1,1-Trichloroethane	87		87		67-130	0		20
Bromodichloromethane	85		82		67-130	4		20
trans-1,3-Dichloropropene	83		80		70-130	4		20
cis-1,3-Dichloropropene	91		92		70-130	1		20
1,1-Dichloropropene	96		95		70-130	1		20
Bromoform	88		87		54-136	1		20
1,1,2,2-Tetrachloroethane	110		110		67-130	0		20
Benzene	99		99		70-130	0		20
Toluene	100		99		70-130	1		20
Ethylbenzene	100		98		70-130	2		20
Chloromethane	100		100		64-130	0		20
Bromomethane	94		100		39-139	6		20

Lab Control Sample Analysis

Batch Quality Control

Project Name: 2925 WESTCHESTER AVE

Project Number: 2925 WESTCHESTER AVE

Lab Number: L1946362

Report Date: 10/11/19

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-02 Batch: WG1294640-3 WG1294640-4								
Vinyl chloride	120		120		55-140	0		20
Chloroethane	120		110		55-138	9		20
1,1-Dichloroethene	97		96		61-145	1		20
trans-1,2-Dichloroethene	90		90		70-130	0		20
Trichloroethene	86		86		70-130	0		20
1,2-Dichlorobenzene	99		98		70-130	1		20
1,3-Dichlorobenzene	99		98		70-130	1		20
1,4-Dichlorobenzene	98		96		70-130	2		20
Methyl tert butyl ether	89		88		63-130	1		20
p/m-Xylene	100		100		70-130	0		20
o-Xylene	100		100		70-130	0		20
cis-1,2-Dichloroethene	100		100		70-130	0		20
Dibromomethane	94		91		70-130	3		20
1,2,3-Trichloropropane	100		100		64-130	0		20
Acrylonitrile	130		120		70-130	8		20
Styrene	105		100		70-130	5		20
Dichlorodifluoromethane	78		78		36-147	0		20
Acetone	100		95		58-148	5		20
Carbon disulfide	98		98		51-130	0		20
2-Butanone	100		95		63-138	5		20
Vinyl acetate	88		87		70-130	1		20
4-Methyl-2-pentanone	120		110		59-130	9		20
2-Hexanone	100		98		57-130	2		20

Lab Control Sample Analysis

Batch Quality Control

Project Name: 2925 WESTCHESTER AVE

Project Number: 2925 WESTCHESTER AVE

Lab Number: L1946362

Report Date: 10/11/19

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-02 Batch: WG1294640-3 WG1294640-4								
Bromochloromethane	95		94		70-130	1		20
2,2-Dichloropropane	90		91		63-133	1		20
1,2-Dibromoethane	100		99		70-130	1		20
1,3-Dichloropropane	100		98		70-130	2		20
1,1,1,2-Tetrachloroethane	91		88		64-130	3		20
Bromobenzene	98		97		70-130	1		20
n-Butylbenzene	110		110		53-136	0		20
sec-Butylbenzene	110		110		70-130	0		20
tert-Butylbenzene	110		110		70-130	0		20
o-Chlorotoluene	100		100		70-130	0		20
p-Chlorotoluene	100		100		70-130	0		20
1,2-Dibromo-3-chloropropane	91		90		41-144	1		20
Hexachlorobutadiene	96		92		63-130	4		20
Isopropylbenzene	110		110		70-130	0		20
p-Isopropyltoluene	110		110		70-130	0		20
Naphthalene	110		110		70-130	0		20
n-Propylbenzene	110		110		69-130	0		20
1,2,3-Trichlorobenzene	97		96		70-130	1		20
1,2,4-Trichlorobenzene	96		93		70-130	3		20
1,3,5-Trimethylbenzene	110		100		64-130	10		20
1,2,4-Trimethylbenzene	110		110		70-130	0		20
1,4-Dioxane	108		106		56-162	2		20
p-Diethylbenzene	110		100		70-130	10		20

Lab Control Sample Analysis

Batch Quality Control

Project Name: 2925 WESTCHESTER AVE

Project Number: 2925 WESTCHESTER AVE

Lab Number: L1946362

Report Date: 10/11/19

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-02 Batch: WG1294640-3 WG1294640-4								
p-Ethyltoluene	110		110		70-130	0		20
1,2,4,5-Tetramethylbenzene	110		100		70-130	10		20
Ethyl ether	120		120		59-134	0		20
trans-1,4-Dichloro-2-butene	75		70		70-130	7		20

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
1,2-Dichloroethane-d4	92		92		70-130
Toluene-d8	100		99		70-130
4-Bromofluorobenzene	105		105		70-130
Dibromofluoromethane	93		93		70-130

Project Name: 2925 WESTCHESTER AVE
Project Number: 2925 WESTCHESTER AVE

Lab Number: L1946362
Report Date: 10/11/19

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(*)
L1946362-01A	Vial HCl preserved	A	NA		2.6	Y	Absent		NYTCL-8260(14)
L1946362-01B	Vial HCl preserved	A	NA		2.6	Y	Absent		NYTCL-8260(14)
L1946362-01C	Vial HCl preserved	A	NA		2.6	Y	Absent		NYTCL-8260(14)
L1946362-02A	Vial HCl preserved	A	NA		2.6	Y	Absent		NYTCL-8260(14)
L1946362-02B	Vial HCl preserved	A	NA		2.6	Y	Absent		NYTCL-8260(14)
L1946362-02C	Vial HCl preserved	A	NA		2.6	Y	Absent		NYTCL-8260(14)

*Values in parentheses indicate holding time in days

Project Name:	2925 WESTCHESTER AVE	**Lab Number:**	L1946362
Project Number:	2925 WESTCHESTER AVE	**Report Date:**	10/11/19

GLOSSARY

Acronyms

DL - Detection Limit: This value represents the level to which target analyte concentrations are reported as estimated values, when those target analyte concentrations are quantified below the limit of quantitation (LOQ). The DL includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.)

EDL - Estimated Detection Limit: This value represents the level to which target analyte concentrations are reported as estimated values, when those target analyte concentrations are quantified below the reporting limit (RL). The EDL includes any adjustments from dilutions, concentrations or moisture content, where applicable. The use of EDLs is specific to the analysis of PAHs using Solid-Phase Microextraction (SPME).

EMPC - Estimated Maximum Possible Concentration: The concentration that results from the signal present at the retention time of an analyte when the ions meet all of the identification criteria except the ion abundance ratio criteria. An EMPC is a worst-case estimate of the concentration.

EPA - Environmental Protection Agency.

LCS - Laboratory Control Sample: A sample matrix, free from the analytes of interest, spiked with verified known amounts of analytes or a material containing known and verified amounts of analytes.

LCSD - Laboratory Control Sample Duplicate: Refer to LCS.

LFB - Laboratory Fortified Blank: A sample matrix, free from the analytes of interest, spiked with verified known amounts of analytes or a material containing known and verified amounts of analytes.

LOD - Limit of Detection: This value represents the level to which a target analyte can reliably be detected for a specific analyte in a specific matrix by a specific method. The LOD includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.)

LOQ - Limit of Quantitation: The value at which an instrument can accurately measure an analyte at a specific concentration. The LOQ includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.)

Limit of Quantitation: The value at which an instrument can accurately measure an analyte at a specific concentration. The LOQ includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.)

MDL - Method Detection Limit: This value represents the level to which target analyte concentrations are reported as estimated values, when those target analyte concentrations are quantified below the reporting limit (RL). The MDL includes any adjustments from dilutions, concentrations or moisture content, where applicable.

MS - Matrix Spike Sample: A sample prepared by adding a known mass of target analyte to a specified amount of matrix sample for which an independent estimate of target analyte concentration is available. 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.

RL - Reporting Limit: The value at which an instrument can accurately measure an analyte at a specific concentration. The RL includes any adjustments from dilutions, concentrations or moisture content, where applicable.

RPD - Relative Percent Difference: The results from matrix and/or matrix spike duplicates are primarily designed to assess the precision of analytical results in a given matrix and are expressed as relative percent difference (RPD). Values which are less than five times the reporting limit for any individual parameter are evaluated by utilizing the absolute difference between the values; although the RPD value will be provided in the report.

SRM - Standard Reference Material: A reference sample of a known or certified value that is of the same or similar matrix as the associated field samples.

STLP - Semi-dynamic Tank Leaching Procedure per EPA Method 1315.

TEF - Toxic Equivalency Factors: The values assigned to each dioxin and furan to evaluate their toxicity relative to 2,3,7,8-TCDD.

TEQ - Toxic Equivalent: The measure of a sample's toxicity derived by multiplying each dioxin and furan by its corresponding TEF and then summing the resulting values.

TIC - Tentatively Identified Compound: A compound that has been identified to be present and is not part of the target compound list (TCL) for the method and/or program. All TICs are qualitatively identified and reported as estimated concentrations.

Footnotes

Report Format: DU Report with 'J' Qualifiers

Project Name:	2925 WESTCHESTER AVE	**Lab Number:**	L1946362
Project Number:	2925 WESTCHESTER AVE	**Report Date:**	10/11/19

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.

PFAS Total: With respect to PFAS analyses, the 'PFAS, Total (5)' result is defined as the summation of results for: PFHpA, PFHxS, PFOA, PFNA and PFOS. If a 'Total' result is requested, the results of its individual components will also be reported.

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

Data Qualifiers

A - Spectra identified as "Aldol 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.

G - The concentration may be biased high due to matrix interferences (i.e, co-elution) with non-target compound(s). The result should be considered estimated.

H - The analysis of pH was performed beyond the regulatory-required holding time of 15 minutes from the time of sample collection.

I - The lower value for the two columns has been reported due to obvious interference.

J - Estimated value. The Target analyte concentration is below the quantitation limit (RL), but above the Method Detection Limit (MDL) or Estimated Detection Limit (EDL) for SPME-related analyses. This represents an estimated concentration for Tentatively Identified Compounds (TICs).

M - Reporting Limit (RL) exceeds the MCP CAM Reporting Limit for this analyte.

ND - Not detected at the method detection limit (MDL) for the sample, or estimated detection limit (EDL) for SPME-related analyses.

NJ - Presumptive evidence of compound. This represents an estimated concentration for Tentatively Identified Compounds (TICs), where the identification is based on a mass spectral library search.

P - The RPD between the results for the two columns exceeds the method-specified criteria.

Q - The quality control sample exceeds the associated acceptance criteria. For DOD-related projects, LCS and/or Continuing Calibration Standard exceedences are also qualified on all associated sample results. Note: This flag is not applicable for matrix spike recoveries when the sample concentration is greater than 4x the spike added or for batch duplicate RPD when the sample concentrations are less than 5x the RL. (Metals only.)

R - Analytical results are from sample re-analysis.

RE - Analytical results are from sample re-extraction.

S - Analytical results are from modified screening analysis.

Report Format: DU Report with 'J' Qualifiers

Project Name:	2925 WESTCHESTER AVE	**Lab Number:**	L1946362
Project Number:	2925 WESTCHESTER AVE	**Report Date:**	10/11/19

REFERENCES

1 Test Methods for Evaluating Solid Waste: Physical/Chemical Methods. EPA SW-846. Third Edition. Updates I - IV, 2007.

LIMITATION OF LIABILITIES

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

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

Certification Information

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

Westborough Facility
EPA 624/624.1: m/p-xylene, o-xylene
EPA 8260C: NPW: 1,2,4,5-Tetramethylbenzene; 4-Ethyltoluene, Azobenzene; SCM: Iodomethane (methyl iodide), 1,2,4,5-Tetramethylbenzene; 4-Ethyltoluene.
EPA 8270D: NPW: Dimethylnaphthalene,1,4-Diphenylhydrazine; 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, SM4500Cl-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, **LACHAT 10-107-06-1-B**: Ammonia-N, **EPA 351.1, SM4500NO3-F, EPA 353.2**: Nitrate-N**, SM4500P-E, SM4500P-B, E, SM4500SO4-E, SM5220D, EPA 410.4, SM5210B, SM5310C, SM4500CL-D, EPA 1664, EPA 420.1, SM4500-CN-CE, SM2540D, EPA 300: Chloride, Sulfate, Nitrate.**
EPA 624.1: Volatile Halocarbons & Aromatics,
EPA 608.3: Chlordane, Toxaphene, Aldrin, alpha-BHC, beta-BHC, gamma-BHC, delta-BHC, Dieldrin, DDD, DDE, DDT, Endosulfan I, Endosulfan II, Endosulfan sulfate, Endrin, Endrin Aldehyde, Heptachlor, Heptachlor Epoxide, PCBs
EPA 625.1: SVOC (Acid/Base/Neutral Extractables), **EPA 600/4-81-045**: PCB-Oil.
Microbiology: **SM9223B-Colilert-QT; Enterolert-QT, SM9221E, EPA 1600, EPA 1603.**

Mansfield Facility:

Drinking Water
EPA 200.7: Al, Ba, Cd, Cr, Cu, Fe, Mn, Ni, Na, Ag, Ca, Zn. **EPA 200.8:** Al, Sb, As, Ba, Be, Cd, Cr, Cu, Pb, Mn, Ni, Se, Ag, TL, Zn. **EPA 245.1** Hg.
EPA 522.

Non-Potable Water
EPA 200.7: Al, Sb, As, Be, Cd, Ca, Cr, Co, Cu, Fe, Pb, Mg, Mn, Mo, Ni, K, Se, Ag, Na, Sr, TL, Ti, V, Zn.
EPA 200.8: Al, Sb**,** As, Be, Cd, Cr, Cu, Fe, Pb, Mn, Ni, K, Se, Ag, Na, TL, Zn.
EPA 245.1 Hg.
SM2340B

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

NEW YORK CHAIN OF CUSTODY

ALPHA ANALYTICAL

Westborough, MA 01581
8 Walkup Dr.
TEL: 508-898-9220
FAX: 508-898-9193

Mansfield, MA 02048
320 Forbes Blvd
TEL: 508-822-9300
FAX: 508-822-3288

Service Centers
Mahwah, NJ 07430: 35 Whitney Rd, Suite 5
Albany, NY 12205: 14 Walker Way
Tonawanda, NY 14150: 275 Cooper Ave, Suite 105

Page: 1 of 1

Date Rec'd in Lab: 10/4/19

ALPHA Job #: L1946362

Client Information

Client: Tenen Environmental
Address: 121 West 27th Street, Suite 702, NY, NY 10001
Phone: 646-606-2332
Fax: aplatt@tenen-env.com
Email: acarroll@tenen-env.com

Project Information

Project Name: 2925 Westchester Ave
Project Location: " "
Project #
(Use Project name as Project #) ☒
Project Manager: A. Carroll
ALPHAQuote #:

Turn-Around Time

Standard ☒ Due Date:
Rush (only if pre approved) ☐ # of Days:

Deliverables

☐ ASP-A ☒ ASP-B
☐ EQuIS (1 File) ☐ EQuIS (4 File)
☐ Other

Regulatory Requirement

☒ NY TOGS ☐ NY Part 375
☒ AWQ Standards ☐ NY CP-51
☐ NY Restricted Use ☐ Other
☐ NY Unrestricted Use
☐ NYC Sewer Discharge

Billing Information

☒ Same as Client Info
PO #

Disposal Site Information

Please identify below location of applicable disposal facilities.
Disposal Facility:
☐ NJ ☐ NY
☐ Other:

These samples have been previously analyzed by Alpha ☐

Other project specific requirements/comments:

Please specify Metals or TAL.

ANALYSIS

VOCs

Sample Filtration
☐ Done
☐ Lab to do
Preservation
☐ Lab to do
(Please Specify below)

Total Bottle

ALPHA Lab ID (Lab Use Only)	Sample ID	Collection Date	Collection Time	Sample Matrix	Sampler's Initials	VOCs	Sample Specific Comments	Total Bottle
46362-01	MW-2	10/4/19	8:55	Water	AP	X		3
-02	MW-1	10/4/19	9:20	Water	AP	X		3

Preservative Code:
A = None
B = HCl
C = HNO_3
D = H_2SO_4
E = NaOH
F = MeOH
G = $NaHSO_4$
H = $Na_2S_2O_3$
K/E = Zn Ac/NaOH
O = Other

Container Code
P = Plastic
A = Amber Glass
V = Vial
G = Glass
B = Bacteria Cup
C = Cube
O = Other
E = Encore
D = BOD Bottle

Westboro: Certification No: MA935
Mansfield: Certification No: MA015

Container Type: V
Preservative: B

Relinquished By:	Date/Time	Received By:	Date/Time
A. Platt	10/4/19, 1240	P. Santos AAL	10/4/19 1240
P. Santos AAL	10/4/19 1600	P.S. AAL	10/4/19 17:00
P.S.	10/4/19 21:25		10/4/19 21:25

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.)

Form No: 01-25 HC (rev. 30-Sept-2013)

ANALYTICAL REPORT

Lab Number:	L1953890
Client:	Tenen Environmental, LLC 121 West 27th Street Suite 702 New York City, NY 10001
ATTN:	Alana Carroll
Phone:	(646) 606-2332
Project Name:	2925 WESTCHESTER AVE
Project Number:	2925 WESTCHESTER AVE
Report Date:	11/19/19

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: 2925 WESTCHESTER AVE
Project Number: 2925 WESTCHESTER AVE

Lab Number: L1953890
Report Date: 11/19/19

Alpha Sample ID	Client ID	Matrix	Sample Location	Collection Date/Time	Receive Date
L1953890-01	MW-3	WATER	2925 WESTCHESTER AVE	11/12/19 12:40	11/12/19

Project Name:	2925 WESTCHESTER AVE	**Lab Number:**	L1953890
Project Number:	2925 WESTCHESTER AVE	**Report Date:**	11/19/19

Case Narrative

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

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

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

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

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

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

Project Name:	2925 WESTCHESTER AVE	**Lab Number:**	L1953890
Project Number:	2925 WESTCHESTER AVE	**Report Date:**	11/19/19

Case Narrative (continued)

Report Submission

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

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

Authorized Signature: Melissa Sturgis Melissa Sturgis

Title: Technical Director/Representative Date: 11/19/19

ORGANICS

VOLATILES

Project Name: 2925 WESTCHESTER AVE **Lab Number:** L1953890

Project Number: 2925 WESTCHESTER A\ **Report Date:** 11/19/19

SAMPLE RESULTS

Lab ID: L1953890-01 D
Client ID: MW-3
Sample Location: 2925 WESTCHESTER AVE

Date Collected: 11/12/19 12:40
Date Received: 11/12/19
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8260C
Analytical Date: 11/17/19 15:57
Analyst: AJK

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Methylene chloride	ND		ug/l	10	2.8	4
1,1-Dichloroethane	ND		ug/l	10	2.8	4
Chloroform	ND		ug/l	10	2.8	4
Carbon tetrachloride	ND		ug/l	2.0	0.54	4
1,2-Dichloropropane	ND		ug/l	4.0	0.55	4
Dibromochloromethane	ND		ug/l	2.0	0.60	4
1,1,2-Trichloroethane	ND		ug/l	6.0	2.0	4
Tetrachloroethene	470		ug/l	2.0	0.72	4
Chlorobenzene	ND		ug/l	10	2.8	4
Trichlorofluoromethane	ND		ug/l	10	2.8	4
1,2-Dichloroethane	ND		ug/l	2.0	0.53	4
1,1,1-Trichloroethane	ND		ug/l	10	2.8	4
Bromodichloromethane	ND		ug/l	2.0	0.77	4
trans-1,3-Dichloropropene	ND		ug/l	2.0	0.66	4
cis-1,3-Dichloropropene	ND		ug/l	2.0	0.58	4
1,3-Dichloropropene, Total	ND		ug/l	2.0	0.58	4
1,1-Dichloropropene	ND		ug/l	10	2.8	4
Bromoform	ND		ug/l	8.0	2.6	4
1,1,2,2-Tetrachloroethane	ND		ug/l	2.0	0.67	4
Benzene	ND		ug/l	2.0	0.64	4
Toluene	ND		ug/l	10	2.8	4
Ethylbenzene	ND		ug/l	10	2.8	4
Chloromethane	ND		ug/l	10	2.8	4
Bromomethane	ND		ug/l	10	2.8	4
Vinyl chloride	0.54	J	ug/l	4.0	0.28	4
Chloroethane	ND		ug/l	10	2.8	4
1,1-Dichloroethene	ND		ug/l	2.0	0.68	4
trans-1,2-Dichloroethene	ND		ug/l	10	2.8	4

Project Name: 2925 WESTCHESTER AVE **Lab Number:** L1953890

Project Number: 2925 WESTCHESTER A\ **Report Date:** 11/19/19

SAMPLE RESULTS

Lab ID: L1953890-01 D Date Collected: 11/12/19 12:40

Client ID: MW-3 Date Received: 11/12/19

Sample Location: 2925 WESTCHESTER AVE Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Trichloroethene	79		ug/l	2.0	0.70	4
1,2-Dichlorobenzene	ND		ug/l	10	2.8	4
1,3-Dichlorobenzene	ND		ug/l	10	2.8	4
1,4-Dichlorobenzene	ND		ug/l	10	2.8	4
Methyl tert butyl ether	ND		ug/l	10	2.8	4
p/m-Xylene	ND		ug/l	10	2.8	4
o-Xylene	ND		ug/l	10	2.8	4
Xylenes, Total	ND		ug/l	10	2.8	4
cis-1,2-Dichloroethene	210		ug/l	10	2.8	4
1,2-Dichloroethene, Total	210		ug/l	10	2.8	4
Dibromomethane	ND		ug/l	20	4.0	4
1,2,3-Trichloropropane	ND		ug/l	10	2.8	4
Acrylonitrile	ND		ug/l	20	6.0	4
Styrene	ND		ug/l	10	2.8	4
Dichlorodifluoromethane	ND		ug/l	20	4.0	4
Acetone	ND		ug/l	20	5.8	4
Carbon disulfide	ND		ug/l	20	4.0	4
2-Butanone	ND		ug/l	20	7.8	4
Vinyl acetate	ND		ug/l	20	4.0	4
4-Methyl-2-pentanone	ND		ug/l	20	4.0	4
2-Hexanone	ND		ug/l	20	4.0	4
Bromochloromethane	ND		ug/l	10	2.8	4
2,2-Dichloropropane	ND		ug/l	10	2.8	4
1,2-Dibromoethane	ND		ug/l	8.0	2.6	4
1,3-Dichloropropane	ND		ug/l	10	2.8	4
1,1,1,2-Tetrachloroethane	ND		ug/l	10	2.8	4
Bromobenzene	ND		ug/l	10	2.8	4
n-Butylbenzene	ND		ug/l	10	2.8	4
sec-Butylbenzene	ND		ug/l	10	2.8	4
tert-Butylbenzene	ND		ug/l	10	2.8	4
o-Chlorotoluene	ND		ug/l	10	2.8	4
p-Chlorotoluene	ND		ug/l	10	2.8	4
1,2-Dibromo-3-chloropropane	ND		ug/l	10	2.8	4
Hexachlorobutadiene	ND		ug/l	10	2.8	4
Isopropylbenzene	ND		ug/l	10	2.8	4
p-Isopropyltoluene	ND		ug/l	10	2.8	4
Naphthalene	ND		ug/l	10	2.8	4

Project Name: 2925 WESTCHESTER AVE **Lab Number:** L1953890

Project Number: 2925 WESTCHESTER A\ **Report Date:** 11/19/19

SAMPLE RESULTS

Lab ID: L1953890-01 D Date Collected: 11/12/19 12:40

Client ID: MW-3 Date Received: 11/12/19

Sample Location: 2925 WESTCHESTER AVE 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	10	2.8	4
1,2,3-Trichlorobenzene	ND		ug/l	10	2.8	4
1,2,4-Trichlorobenzene	ND		ug/l	10	2.8	4
1,3,5-Trimethylbenzene	ND		ug/l	10	2.8	4
1,2,4-Trimethylbenzene	ND		ug/l	10	2.8	4
1,4-Dioxane	ND		ug/l	1000	240	4
p-Diethylbenzene	ND		ug/l	8.0	2.8	4
p-Ethyltoluene	ND		ug/l	8.0	2.8	4
1,2,4,5-Tetramethylbenzene	ND		ug/l	8.0	2.2	4
Ethyl ether	ND		ug/l	10	2.8	4
trans-1,4-Dichloro-2-butene	ND		ug/l	10	2.8	4

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	130		70-130
Toluene-d8	104		70-130
4-Bromofluorobenzene	117		70-130
Dibromofluoromethane	112		70-130

Project Name: 2925 WESTCHESTER AVE **Lab Number:** L1953890

Project Number: 2925 WESTCHESTER AVE **Report Date:** 11/19/19

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260C
Analytical Date: 11/17/19 08:20
Analyst: AD

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 01 Batch: WG1310293-5					
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: 2925 WESTCHESTER AVE
Project Number: 2925 WESTCHESTER AVE
Lab Number: L1953890
Report Date: 11/19/19

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260C
Analytical Date: 11/17/19 08:20
Analyst: AD

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 01 Batch: WG1310293-5					
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: 2925 WESTCHESTER AVE **Lab Number:** L1953890

Project Number: 2925 WESTCHESTER AVE **Report Date:** 11/19/19

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260C
Analytical Date: 11/17/19 08:20
Analyst: AD

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 01 Batch: WG1310293-5					
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

Surrogate	%Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	123		70-130
Toluene-d8	105		70-130
4-Bromofluorobenzene	117		70-130
Dibromofluoromethane	107		70-130

Lab Control Sample Analysis

Batch Quality Control

Project Name: 2925 WESTCHESTER AVE

Project Number: 2925 WESTCHESTER AVE

Lab Number: L1953890

Report Date: 11/19/19

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 01 Batch: WG1310293-3 WG1310293-4								
Methylene chloride	110		95		70-130	15		20
1,1-Dichloroethane	130		120		70-130	8		20
Chloroform	120		110		70-130	9		20
Carbon tetrachloride	96		93		63-132	3		20
1,2-Dichloropropane	120		110		70-130	9		20
Dibromochloromethane	95		95		63-130	0		20
1,1,2-Trichloroethane	100		110		70-130	10		20
Tetrachloroethene	96		94		70-130	2		20
Chlorobenzene	98		96		75-130	2		20
Trichlorofluoromethane	90		86		62-150	5		20
1,2-Dichloroethane	120		110		70-130	9		20
1,1,1-Trichloroethane	110		100		67-130	10		20
Bromodichloromethane	110		100		67-130	10		20
trans-1,3-Dichloropropene	99		98		70-130	1		20
cis-1,3-Dichloropropene	97		93		70-130	4		20
1,1-Dichloropropene	110		110		70-130	0		20
Bromoform	98		97		54-136	1		20
1,1,2,2-Tetrachloroethane	100		100		67-130	0		20
Benzene	100		100		70-130	0		20
Toluene	100		100		70-130	0		20
Ethylbenzene	100		100		70-130	0		20
Chloromethane	120		100		64-130	18		20
Bromomethane	81		70		39-139	15		20

Lab Control Sample Analysis

Batch Quality Control

Project Name: 2925 WESTCHESTER AVE

Project Number: 2925 WESTCHESTER AVE

Lab Number: L1953890

Report Date: 11/19/19

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 01 Batch: WG1310293-3 WG1310293-4								
Vinyl chloride	93		85		55-140	9		20
Chloroethane	84		78		55-138	7		20
1,1-Dichloroethene	100		95		61-145	5		20
trans-1,2-Dichloroethene	98		96		70-130	2		20
Trichloroethene	100		90		70-130	11		20
1,2-Dichlorobenzene	99		97		70-130	2		20
1,3-Dichlorobenzene	100		98		70-130	2		20
1,4-Dichlorobenzene	100		98		70-130	2		20
Methyl tert butyl ether	90		83		63-130	8		20
p/m-Xylene	105		100		70-130	5		20
o-Xylene	100		100		70-130	0		20
cis-1,2-Dichloroethene	120		110		70-130	9		20
Dibromomethane	99		96		70-130	3		20
1,2,3-Trichloropropane	110		110		64-130	0		20
Acrylonitrile	**140**	Q	**140**	Q	70-130	0		20
Styrene	100		100		70-130	0		20
Dichlorodifluoromethane	57		53		36-147	7		20
Acetone	120		120		58-148	0		20
Carbon disulfide	99		87		51-130	13		20
2-Butanone	110		100		63-138	10		20
Vinyl acetate	110		110		70-130	0		20
4-Methyl-2-pentanone	98		100		59-130	2		20
2-Hexanone	93		96		57-130	3		20

Lab Control Sample Analysis

Batch Quality Control

Project Name: 2925 WESTCHESTER AVE

Project Number: 2925 WESTCHESTER AVE

Lab Number: L1953890

Report Date: 11/19/19

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 01 Batch: WG1310293-3 WG1310293-4								
Bromochloromethane	110		92		70-130	18		20
2,2-Dichloropropane	110		100		63-133	10		20
1,2-Dibromoethane	98		97		70-130	1		20
1,3-Dichloropropane	100		100		70-130	0		20
1,1,1,2-Tetrachloroethane	99		98		64-130	1		20
Bromobenzene	99		95		70-130	4		20
n-Butylbenzene	110		110		53-136	0		20
sec-Butylbenzene	110		110		70-130	0		20
tert-Butylbenzene	110		100		70-130	10		20
o-Chlorotoluene	110		110		70-130	0		20
p-Chlorotoluene	110		110		70-130	0		20
1,2-Dibromo-3-chloropropane	84		84		41-144	0		20
Hexachlorobutadiene	95		90		63-130	5		20
Isopropylbenzene	110		100		70-130	10		20
p-Isopropyltoluene	100		100		70-130	0		20
Naphthalene	71		74		70-130	4		20
n-Propylbenzene	110		110		69-130	0		20
1,2,3-Trichlorobenzene	81		82		70-130	1		20
1,2,4-Trichlorobenzene	84		87		70-130	4		20
1,3,5-Trimethylbenzene	110		110		64-130	0		20
1,2,4-Trimethylbenzene	110		110		70-130	0		20
1,4-Dioxane	116		110		56-162	5		20
p-Diethylbenzene	99		97		70-130	2		20

Lab Control Sample Analysis

Batch Quality Control

Project Name: 2925 WESTCHESTER AVE

Project Number: 2925 WESTCHESTER AVE

Lab Number: L1953890

Report Date: 11/19/19

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 01 Batch: WG1310293-3 WG1310293-4								
p-Ethyltoluene	110		110		70-130	0		20
1,2,4,5-Tetramethylbenzene	89		90		70-130	1		20
Ethyl ether	100		100		59-134	0		20
trans-1,4-Dichloro-2-butene	**140**	Q	**140**	Q	70-130	0		20

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
1,2-Dichloroethane-d4	126		109		70-130
Toluene-d8	105		104		70-130
4-Bromofluorobenzene	109		109		70-130
Dibromofluoromethane	107		97		70-130

Project Name: 2925 WESTCHESTER AVE
Project Number: 2925 WESTCHESTER AVE

Lab Number: L1953890
Report Date: 11/19/19

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(*)*
L1953890-01A	Vial HCl preserved	A	NA		2.6	Y	Absent		NYTCL-8260(14)
L1953890-01B	Vial HCl preserved	A	NA		2.6	Y	Absent		NYTCL-8260(14)
L1953890-01C	Vial HCl preserved	A	NA		2.6	Y	Absent		NYTCL-8260(14)

*Values in parentheses indicate holding time in days

Project Name:	2925 WESTCHESTER AVE	**Lab Number:**	L1953890
Project Number:	2925 WESTCHESTER AVE	**Report Date:**	11/19/19

GLOSSARY

Acronyms

DL - Detection Limit: This value represents the level to which target analyte concentrations are reported as estimated values, when those target analyte concentrations are quantified below the limit of quantitation (LOQ). The DL includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.)

EDL - Estimated Detection Limit: This value represents the level to which target analyte concentrations are reported as estimated values, when those target analyte concentrations are quantified below the reporting limit (RL). The EDL includes any adjustments from dilutions, concentrations or moisture content, where applicable. The use of EDLs is specific to the analysis of PAHs using Solid-Phase Microextraction (SPME).

EMPC - Estimated Maximum Possible Concentration: The concentration that results from the signal present at the retention time of an analyte when the ions meet all of the identification criteria except the ion abundance ratio criteria. An EMPC is a worst-case estimate of the concentration.

EPA - Environmental Protection Agency.

LCS - Laboratory Control Sample: A sample matrix, free from the analytes of interest, spiked with verified known amounts of analytes or a material containing known and verified amounts of analytes.

LCSD - Laboratory Control Sample Duplicate: Refer to LCS.

LFB - Laboratory Fortified Blank: A sample matrix, free from the analytes of interest, spiked with verified known amounts of analytes or a material containing known and verified amounts of analytes.

LOD - Limit of Detection: This value represents the level to which a target analyte can reliably be detected for a specific analyte in a specific matrix by a specific method. The LOD includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.)

LOQ - Limit of Quantitation: The value at which an instrument can accurately measure an analyte at a specific concentration. The LOQ includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.)

Limit of Quantitation: The value at which an instrument can accurately measure an analyte at a specific concentration. The LOQ includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.)

MDL - Method Detection Limit: This value represents the level to which target analyte concentrations are reported as estimated values, when those target analyte concentrations are quantified below the reporting limit (RL). The MDL includes any adjustments from dilutions, concentrations or moisture content, where applicable.

MS - Matrix Spike Sample: A sample prepared by adding a known mass of target analyte to a specified amount of matrix sample for which an independent estimate of target analyte concentration is available. 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.

RL - Reporting Limit: The value at which an instrument can accurately measure an analyte at a specific concentration. The RL includes any adjustments from dilutions, concentrations or moisture content, where applicable.

RPD - Relative Percent Difference: The results from matrix and/or matrix spike duplicates are primarily designed to assess the precision of analytical results in a given matrix and are expressed as relative percent difference (RPD). Values which are less than five times the reporting limit for any individual parameter are evaluated by utilizing the absolute difference between the values; although the RPD value will be provided in the report.

SRM - Standard Reference Material: A reference sample of a known or certified value that is of the same or similar matrix as the associated field samples.

STLP - Semi-dynamic Tank Leaching Procedure per EPA Method 1315.

TEF - Toxic Equivalency Factors: The values assigned to each dioxin and furan to evaluate their toxicity relative to 2,3,7,8-TCDD.

TEQ - Toxic Equivalent: The measure of a sample's toxicity derived by multiplying each dioxin and furan by its corresponding TEF and then summing the resulting values.

TIC - Tentatively Identified Compound: A compound that has been identified to be present and is not part of the target compound list (TCL) for the method and/or program. All TICs are qualitatively identified and reported as estimated concentrations.

Footnotes

Report Format: DU Report with 'J' Qualifiers

Project Name:	2925 WESTCHESTER AVE	**Lab Number:**	L1953890
Project Number:	2925 WESTCHESTER AVE	**Report Date:**	11/19/19

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.

PFAS Total: With respect to PFAS analyses, the 'PFAS, Total (5)' result is defined as the summation of results for: PFHpA, PFHxS, PFOA, PFNA and PFOS. If a 'Total' result is requested, the results of its individual components will also be reported.

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

Data Qualifiers

A - Spectra identified as "Aldol 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.

G - The concentration may be biased high due to matrix interferences (i.e, co-elution) with non-target compound(s). The result should be considered estimated.

H - The analysis of pH was performed beyond the regulatory-required holding time of 15 minutes from the time of sample collection.

I - The lower value for the two columns has been reported due to obvious interference.

J - Estimated value. The Target analyte concentration is below the quantitation limit (RL), but above the Method Detection Limit (MDL) or Estimated Detection Limit (EDL) for SPME-related analyses. This represents an estimated concentration for Tentatively Identified Compounds (TICs).

M - Reporting Limit (RL) exceeds the MCP CAM Reporting Limit for this analyte.

ND - Not detected at the method detection limit (MDL) for the sample, or estimated detection limit (EDL) for SPME-related analyses.

NJ - Presumptive evidence of compound. This represents an estimated concentration for Tentatively Identified Compounds (TICs), where the identification is based on a mass spectral library search.

P - The RPD between the results for the two columns exceeds the method-specified criteria.

Q - The quality control sample exceeds the associated acceptance criteria. For DOD-related projects, LCS and/or Continuing Calibration Standard exceedences are also qualified on all associated sample results. Note: This flag is not applicable for matrix spike recoveries when the sample concentration is greater than 4x the spike added or for batch duplicate RPD when the sample concentrations are less than 5x the RL. (Metals only.)

R - Analytical results are from sample re-analysis.

RE - Analytical results are from sample re-extraction.

S - Analytical results are from modified screening analysis.

Report Format: DU Report with 'J' Qualifiers

Project Name:	2925 WESTCHESTER AVE	**Lab Number:**	L1953890
Project Number:	2925 WESTCHESTER AVE	**Report Date:**	11/19/19

REFERENCES

1 Test Methods for Evaluating Solid Waste: Physical/Chemical Methods. EPA SW-846. Third Edition. Updates I - IV, 2007.

LIMITATION OF LIABILITIES

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

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

Certification Information

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

Westborough Facility
EPA 624/624.1: m/p-xylene, o-xylene
EPA 8260C: NPW: 1,2,4,5-Tetramethylbenzene; 4-Ethyltoluene, Azobenzene; SCM: Iodomethane (methyl iodide), 1,2,4,5-Tetramethylbenzene; 4-Ethyltoluene.
EPA 8270D: NPW: Dimethylnaphthalene,1,4-Diphenylhydrazine; 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, SM4500Cl-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, **LACHAT 10-107-06-1-B**: Ammonia-N, **EPA 351.1, SM4500NO3-F, EPA 353.2**: Nitrate-N**, SM4500P-E, SM4500P-B, E, SM4500SO4-E, SM5220D, EPA 410.4, SM5210B, SM5310C, SM4500CL-D, EPA 1664, EPA 420.1, SM4500-CN-CE, SM2540D, EPA 300: Chloride, Sulfate, Nitrate.**
EPA 624.1: Volatile Halocarbons & Aromatics,
EPA 608.3: Chlordane, Toxaphene, Aldrin, alpha-BHC, beta-BHC, gamma-BHC, delta-BHC, Dieldrin, DDD, DDE, DDT, Endosulfan I, Endosulfan II, Endosulfan sulfate, Endrin, Endrin Aldehyde, Heptachlor, Heptachlor Epoxide, PCBs
EPA 625.1: SVOC (Acid/Base/Neutral Extractables), **EPA 600/4-81-045**: PCB-Oil.
Microbiology: **SM9223B-Colilert-QT; Enterolert-QT, SM9221E, EPA 1600, EPA 1603.**

Mansfield Facility:

Drinking Water
EPA 200.7: Al, Ba, Cd, Cr, Cu, Fe, Mn, Ni, Na, Ag, Ca, Zn. **EPA 200.8:** Al, Sb, As, Ba, Be, Cd, Cr, Cu, Pb, Mn, Ni, Se, Ag, TL, Zn. **EPA 245.1** Hg.
EPA 522.

Non-Potable Water
EPA 200.7: Al, Sb, As, Be, Cd, Ca, Cr, Co, Cu, Fe, Pb, Mg, Mn, Mo, Ni, K, Se, Ag, Na, Sr, TL, Ti, V, Zn.
EPA 200.8: Al, Sb**,** As, Be, Cd, Cr, Cu, Fe, Pb, Mn, Ni, K, Se, Ag, Na, TL, Zn.
EPA 245.1 Hg.
SM2340B

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

NEW YORK CHAIN OF CUSTODY

ALPHA ANALYTICAL

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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: 11/12/19

ALPHA Job #: L1953890

Client Information
Client: Tenen Environmental
Address: 121 West 27th Street Suite 702, NY, NY 10001
Phone: 646-606-2332
Fax: aplatt@tenen-env.com
Email: acarroll@tenen-env.com

Project Information
Project Name: 2925 Westchester Ave
Project Location: "
Project #
(Use Project name as Project #) ☒
Project Manager: A. Carroll
ALPHAQuote #:

Turn-Around Time
Standard ☒ Due Date:
Rush (only if pre approved) ☐ # of Days:

Deliverables
☐ ASP-A ☒ ASP-B
☐ EQuIS (1 File) ☐ EQuIS (4 File)
☐ Other

Regulatory Requirement
☒ NY TOGS ☐ NY Part 375
☒ AWQ Standards ☐ NY CP-51
☐ NY Restricted Use ☐ Other
☐ NY Unrestricted Use
☐ NYC Sewer Discharge

Billing Information
☒ Same as Client Info
PO #

Disposal Site Information
Please identify below location of applicable disposal facilities.
Disposal Facility:
☐ NJ ☐ NY
☐ Other:

These samples have been previously analyzed by Alpha ☐

Other project specific requirements/comments:

Please specify Metals or TAL.

ANALYSIS

Sample Filtration
☐ Done
☐ Lab to do
Preservation
☐ Lab to do
(Please Specify below)

ALPHA Lab ID (Lab Use Only)	Sample ID	Collection Date	Collection Time	Sample Matrix	Sampler's Initials	VOCs	Sample Specific Comments	Total Bottle
L1953890-01	MW-3	11/12/19	12:40	Water	AP	X		3

Preservative Code:
A = None
B = HCl
C = HNO_3
D = H_2SO_4
E = NaOH
F = MeOH
G = $NaHSO_4$
H = $Na_2S_2O_3$
K/E = Zn Ac/NaOH
O = Other

Container Code
P = Plastic
A = Amber Glass
V = Vial
G = Glass
B = Bacteria Cup
C = Cube
O = Other
E = Encore
D = BOD Bottle

Westboro: Certification No: MA935
Mansfield: Certification No: MA015

Container Type	V
Preservative	B

Relinquished By:	Date/Time	Received By:	Date/Time
A. Platt / Tenen	11/12/19 14:30	[signature]	11/12/19 14:30
[signature]	11/12/19 16:15	[signature]	11/12/19 16:45
[signature]	11/12/19 21:13	[signature]	11/12/19 21:13

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.)

Form No. 01-25 HC (rev. 30-Sept-2013)

ANALYTICAL REPORT

Lab Number:	L2008988
Client:	Tenen Environmental, LLC 121 West 27th Street Suite 702 New York City, NY 10001
ATTN:	Alana Carroll
Phone:	(646) 606-2332
Project Name:	2925 WESTCHESTER AVE.
Project Number:	2925 WESTCHESTER AVE
Report Date:	03/12/20

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: 2925 WESTCHESTER AVE.
Project Number: 2925 WESTCHESTER AVE

Lab Number: L2008988
Report Date: 03/12/20

Alpha Sample ID	Client ID	Matrix	Sample Location	Collection Date/Time	Receive Date
L2008988-01	SB-5 (0-1)	SOIL	2925 WESTCHESTER AVE.	02/27/20 09:15	02/28/20
L2008988-02	SB-5 (1-2)	SOIL	2925 WESTCHESTER AVE.	02/27/20 09:20	02/28/20
L2008988-03	SB-5 (2-3)	SOIL	2925 WESTCHESTER AVE.	02/27/20 09:25	02/28/20
L2008988-04	SB-5 (3-4)	SOIL	2925 WESTCHESTER AVE.	02/27/20 09:30	02/28/20
L2008988-05	SB-5-N (0-1)	SOIL	2925 WESTCHESTER AVE.	02/27/20 10:00	02/28/20
L2008988-06	SB-5-N (1-2)	SOIL	2925 WESTCHESTER AVE.	02/27/20 10:05	02/28/20
L2008988-07	SB-5-N (2-3)	SOIL	2925 WESTCHESTER AVE.	02/27/20 10:10	02/28/20
L2008988-08	SB-5-W (0-1)	SOIL	2925 WESTCHESTER AVE.	02/27/20 10:30	02/28/20
L2008988-09	SB-5-W (1-2)	SOIL	2925 WESTCHESTER AVE.	02/27/20 10:35	02/28/20
L2008988-10	SB-5-W (2-3)	SOIL	2925 WESTCHESTER AVE.	02/27/20 10:40	02/28/20
L2008988-11	SB-5-E (0-1)	SOIL	2925 WESTCHESTER AVE.	02/27/20 11:00	02/28/20
L2008988-12	SB-5-E (1-2)	SOIL	2925 WESTCHESTER AVE.	02/27/20 11:05	02/28/20
L2008988-13	SB-5-E (2-3)	SOIL	2925 WESTCHESTER AVE.	02/27/20 11:10	02/28/20
L2008988-14	SB-5-E2 (0-1)	SOIL	2925 WESTCHESTER AVE.	02/27/20 11:30	02/28/20
L2008988-15	SB-5-E2 (1-2)	SOIL	2925 WESTCHESTER AVE.	02/27/20 11:35	02/28/20
L2008988-16	SB-5-E2 (2-3)	SOIL	2925 WESTCHESTER AVE.	02/27/20 11:40	02/28/20
L2008988-17	SB-5-W2 (0-1)	SOIL	2925 WESTCHESTER AVE.	02/27/20 12:00	02/28/20
L2008988-18	SB-5-W2 (1-2)	SOIL	2925 WESTCHESTER AVE.	02/27/20 12:05	02/28/20
L2008988-19	SB-5-W2 (2-2.5)	SOIL	2925 WESTCHESTER AVE.	02/27/20 12:10	02/28/20
L2008988-20	SB-5-S (0-1)	SOIL	2925 WESTCHESTER AVE.	02/27/20 12:20	02/28/20
L2008988-21	SB-5-S (1-2)	SOIL	2925 WESTCHESTER AVE.	02/27/20 12:25	02/28/20
L2008988-22	SB-5-S (2-3)	SOIL	2925 WESTCHESTER AVE.	02/27/20 12:30	02/28/20

Project Name:	2925 WESTCHESTER AVE.	**Lab Number:**	L2008988
Project Number:	2925 WESTCHESTER AVE	**Report Date:**	03/12/20

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:	2925 WESTCHESTER AVE.	**Lab Number:**	L2008988
Project Number:	2925 WESTCHESTER AVE	**Report Date:**	03/12/20

Case Narrative (continued)

Report Submission

March 12, 2020: This final report includes the results of all requested analyses.

March 11, 2020: This preliminary report includes the results of the Volatile Organics analysis performed on L2008988-09.

March 11, 2020: This preliminary report includes the results of the Volatile Organics analysis performed on L2008988-07, -10, -17, -18, -21, and -22.

March 11, 2020: This preliminary report includes the results of the Volatile Organics analysis performed on L2008988-06.

March 10, 2020: This preliminary report includes the results of the Volatile Organics analysis performed on L2008988-05, -08, -11, and -20.

March 05, 2020: 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.

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: Tiffani Morrissey - Tiffani Morrissey

Title: Technical Director/Representative Date: 03/12/20

ORGANICS

VOLATILES

Project Name: 2925 WESTCHESTER AVE. **Lab Number:** L2008988

Project Number: 2925 WESTCHESTER A\ **Report Date:** 03/12/20

SAMPLE RESULTS

Lab ID: L2008988-01
Client ID: SB-5 (0-1)
Sample Location: 2925 WESTCHESTER AVE.

Date Collected: 02/27/20 09:15
Date Received: 02/28/20
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8260C
Analytical Date: 03/05/20 10:10
Analyst: MV
Percent Solids: 89%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 High - Westborough Lab						
Methylene chloride	ND		ug/kg	270	120	1
1,1-Dichloroethane	ND		ug/kg	54	7.9	1
Chloroform	ND		ug/kg	81	7.6	1
Carbon tetrachloride	ND		ug/kg	54	12.	1
1,2-Dichloropropane	ND		ug/kg	54	6.8	1
Dibromochloromethane	ND		ug/kg	54	7.6	1
1,1,2-Trichloroethane	ND		ug/kg	54	14.	1
Tetrachloroethene	3200		ug/kg	27	11.	1
Chlorobenzene	ND		ug/kg	27	6.9	1
Trichlorofluoromethane	ND		ug/kg	220	38.	1
1,2-Dichloroethane	ND		ug/kg	54	14.	1
1,1,1-Trichloroethane	ND		ug/kg	27	9.1	1
Bromodichloromethane	ND		ug/kg	27	5.9	1
trans-1,3-Dichloropropene	ND		ug/kg	54	15.	1
cis-1,3-Dichloropropene	ND		ug/kg	27	8.6	1
1,3-Dichloropropene, Total	ND		ug/kg	27	8.6	1
1,1-Dichloropropene	ND		ug/kg	27	8.6	1
Bromoform	ND		ug/kg	220	13.	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	27	9.0	1
Benzene	ND		ug/kg	27	9.0	1
Toluene	ND		ug/kg	54	29.	1
Ethylbenzene	ND		ug/kg	54	7.6	1
Chloromethane	ND		ug/kg	220	50.	1
Bromomethane	ND		ug/kg	110	32.	1
Vinyl chloride	ND		ug/kg	54	18.	1
Chloroethane	ND		ug/kg	110	24.	1
1,1-Dichloroethene	ND		ug/kg	54	13.	1
trans-1,2-Dichloroethene	18	J	ug/kg	81	7.4	1

Project Name: 2925 WESTCHESTER AVE. **Lab Number:** L2008988

Project Number: 2925 WESTCHESTER A\ **Report Date:** 03/12/20

SAMPLE RESULTS

Lab ID: L2008988-01 Date Collected: 02/27/20 09:15

Client ID: SB-5 (0-1) Date Received: 02/28/20

Sample Location: 2925 WESTCHESTER AVE. Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 High - Westborough Lab						
Trichloroethene	1800		ug/kg	27	7.4	1
1,2-Dichlorobenzene	ND		ug/kg	110	7.8	1
1,3-Dichlorobenzene	ND		ug/kg	110	8.0	1
1,4-Dichlorobenzene	ND		ug/kg	110	9.3	1
Methyl tert butyl ether	ND		ug/kg	110	11.	1
p/m-Xylene	ND		ug/kg	110	30.	1
o-Xylene	ND		ug/kg	54	16.	1
Xylenes, Total	ND		ug/kg	54	16.	1
cis-1,2-Dichloroethene	1500		ug/kg	54	9.5	1
1,2-Dichloroethene, Total	1500	J	ug/kg	54	7.4	1
Dibromomethane	ND		ug/kg	110	13.	1
Styrene	ND		ug/kg	54	11.	1
Dichlorodifluoromethane	ND		ug/kg	540	50.	1
Acetone	ND		ug/kg	540	260	1
Carbon disulfide	ND		ug/kg	540	250	1
2-Butanone	ND		ug/kg	540	120	1
Vinyl acetate	ND		ug/kg	540	120	1
4-Methyl-2-pentanone	ND		ug/kg	540	69.	1
1,2,3-Trichloropropane	ND		ug/kg	110	6.9	1
2-Hexanone	ND		ug/kg	540	64.	1
Bromochloromethane	ND		ug/kg	110	11.	1
2,2-Dichloropropane	ND		ug/kg	110	11.	1
1,2-Dibromoethane	ND		ug/kg	54	15.	1
1,3-Dichloropropane	ND		ug/kg	110	9.1	1
1,1,1,2-Tetrachloroethane	ND		ug/kg	27	7.2	1
Bromobenzene	ND		ug/kg	110	7.9	1
n-Butylbenzene	ND		ug/kg	54	9.1	1
sec-Butylbenzene	ND		ug/kg	54	7.9	1
tert-Butylbenzene	ND		ug/kg	110	6.4	1
o-Chlorotoluene	ND		ug/kg	110	10.	1
p-Chlorotoluene	ND		ug/kg	110	5.8	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	160	54.	1
Hexachlorobutadiene	ND		ug/kg	220	9.2	1
Isopropylbenzene	ND		ug/kg	54	5.9	1
p-Isopropyltoluene	ND		ug/kg	54	5.9	1
Naphthalene	ND		ug/kg	220	35.	1
Acrylonitrile	ND		ug/kg	220	62.	1

Project Name: 2925 WESTCHESTER AVE. **Lab Number:** L2008988

Project Number: 2925 WESTCHESTER A\ **Report Date:** 03/12/20

SAMPLE RESULTS

Lab ID: L2008988-01 Date Collected: 02/27/20 09:15

Client ID: SB-5 (0-1) Date Received: 02/28/20

Sample Location: 2925 WESTCHESTER AVE. Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 High - Westborough Lab						
n-Propylbenzene	ND		ug/kg	54	9.3	1
1,2,3-Trichlorobenzene	ND		ug/kg	110	17.	1
1,2,4-Trichlorobenzene	ND		ug/kg	110	15.	1
1,3,5-Trimethylbenzene	ND		ug/kg	110	10.	1
1,2,4-Trimethylbenzene	ND		ug/kg	110	18.	1
1,4-Dioxane	ND		ug/kg	4300	1900	1
p-Diethylbenzene	ND		ug/kg	110	9.6	1
p-Ethyltoluene	ND		ug/kg	110	21.	1
1,2,4,5-Tetramethylbenzene	ND		ug/kg	110	10.	1
Ethyl ether	ND		ug/kg	110	18.	1
trans-1,4-Dichloro-2-butene	ND		ug/kg	270	77.	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	95		70-130
Toluene-d8	93		70-130
4-Bromofluorobenzene	98		70-130
Dibromofluoromethane	101		70-130

Project Name: 2925 WESTCHESTER AVE. **Lab Number:** L2008988

Project Number: 2925 WESTCHESTER A\ **Report Date:** 03/12/20

SAMPLE RESULTS

Lab ID: L2008988-02
Client ID: SB-5 (1-2)
Sample Location: 2925 WESTCHESTER AVE.

Date Collected: 02/27/20 09:20
Date Received: 02/28/20
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8260C
Analytical Date: 03/04/20 19:49
Analyst: NLK
Percent Solids: 92%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
Methylene chloride	ND		ug/kg	4.4	2.0	1
1,1-Dichloroethane	ND		ug/kg	0.87	0.13	1
Chloroform	ND		ug/kg	1.3	0.12	1
Carbon tetrachloride	ND		ug/kg	0.87	0.20	1
1,2-Dichloropropane	ND		ug/kg	0.87	0.11	1
Dibromochloromethane	ND		ug/kg	0.87	0.12	1
1,1,2-Trichloroethane	ND		ug/kg	0.87	0.23	1
Tetrachloroethene	1.4		ug/kg	0.44	0.17	1
Chlorobenzene	ND		ug/kg	0.44	0.11	1
Trichlorofluoromethane	ND		ug/kg	3.5	0.61	1
1,2-Dichloroethane	ND		ug/kg	0.87	0.22	1
1,1,1-Trichloroethane	ND		ug/kg	0.44	0.15	1
Bromodichloromethane	ND		ug/kg	0.44	0.10	1
trans-1,3-Dichloropropene	ND		ug/kg	0.87	0.24	1
cis-1,3-Dichloropropene	ND		ug/kg	0.44	0.14	1
1,3-Dichloropropene, Total	ND		ug/kg	0.44	0.14	1
1,1-Dichloropropene	ND		ug/kg	0.44	0.14	1
Bromoform	ND		ug/kg	3.5	0.22	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	0.44	0.14	1
Benzene	ND		ug/kg	0.44	0.14	1
Toluene	ND		ug/kg	0.87	0.47	1
Ethylbenzene	ND		ug/kg	0.87	0.12	1
Chloromethane	ND		ug/kg	3.5	0.82	1
Bromomethane	ND		ug/kg	1.7	0.51	1
Vinyl chloride	ND		ug/kg	0.87	0.29	1
Chloroethane	ND		ug/kg	1.7	0.40	1
1,1-Dichloroethene	ND		ug/kg	0.87	0.21	1
trans-1,2-Dichloroethene	ND		ug/kg	1.3	0.12	1

Project Name: 2925 WESTCHESTER AVE. **Lab Number:** L2008988

Project Number: 2925 WESTCHESTER A\ **Report Date:** 03/12/20

SAMPLE RESULTS

Lab ID: L2008988-02 Date Collected: 02/27/20 09:20

Client ID: SB-5 (1-2) Date Received: 02/28/20

Sample Location: 2925 WESTCHESTER AVE. Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
Trichloroethene	0.20	J	ug/kg	0.44	0.12	1
1,2-Dichlorobenzene	ND		ug/kg	1.7	0.12	1
1,3-Dichlorobenzene	ND		ug/kg	1.7	0.13	1
1,4-Dichlorobenzene	ND		ug/kg	1.7	0.15	1
Methyl tert butyl ether	ND		ug/kg	1.7	0.18	1
p/m-Xylene	ND		ug/kg	1.7	0.49	1
o-Xylene	ND		ug/kg	0.87	0.25	1
Xylenes, Total	ND		ug/kg	0.87	0.25	1
cis-1,2-Dichloroethene	1.3		ug/kg	0.87	0.15	1
1,2-Dichloroethene, Total	1.3		ug/kg	0.87	0.12	1
Dibromomethane	ND		ug/kg	1.7	0.21	1
Styrene	ND		ug/kg	0.87	0.17	1
Dichlorodifluoromethane	ND		ug/kg	8.7	0.80	1
Acetone	ND		ug/kg	8.7	4.2	1
Carbon disulfide	ND		ug/kg	8.7	4.0	1
2-Butanone	ND		ug/kg	8.7	1.9	1
Vinyl acetate	ND		ug/kg	8.7	1.9	1
4-Methyl-2-pentanone	ND		ug/kg	8.7	1.1	1
1,2,3-Trichloropropane	ND		ug/kg	1.7	0.11	1
2-Hexanone	ND		ug/kg	8.7	1.0	1
Bromochloromethane	ND		ug/kg	1.7	0.18	1
2,2-Dichloropropane	ND		ug/kg	1.7	0.18	1
1,2-Dibromoethane	ND		ug/kg	0.87	0.24	1
1,3-Dichloropropane	ND		ug/kg	1.7	0.15	1
1,1,1,2-Tetrachloroethane	ND		ug/kg	0.44	0.12	1
Bromobenzene	ND		ug/kg	1.7	0.13	1
n-Butylbenzene	ND		ug/kg	0.87	0.15	1
sec-Butylbenzene	ND		ug/kg	0.87	0.13	1
tert-Butylbenzene	ND		ug/kg	1.7	0.10	1
o-Chlorotoluene	ND		ug/kg	1.7	0.17	1
p-Chlorotoluene	ND		ug/kg	1.7	0.09	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	2.6	0.87	1
Hexachlorobutadiene	ND		ug/kg	3.5	0.15	1
Isopropylbenzene	ND		ug/kg	0.87	0.10	1
p-Isopropyltoluene	ND		ug/kg	0.87	0.10	1
Naphthalene	ND		ug/kg	3.5	0.57	1
Acrylonitrile	ND		ug/kg	3.5	1.0	1

Project Name: 2925 WESTCHESTER AVE. **Lab Number:** L2008988

Project Number: 2925 WESTCHESTER A\ **Report Date:** 03/12/20

SAMPLE RESULTS

Lab ID: L2008988-02 Date Collected: 02/27/20 09:20

Client ID: SB-5 (1-2) Date Received: 02/28/20

Sample Location: 2925 WESTCHESTER AVE. 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	0.87	0.15	1
1,2,3-Trichlorobenzene	ND		ug/kg	1.7	0.28	1
1,2,4-Trichlorobenzene	ND		ug/kg	1.7	0.24	1
1,3,5-Trimethylbenzene	ND		ug/kg	1.7	0.17	1
1,2,4-Trimethylbenzene	ND		ug/kg	1.7	0.29	1
1,4-Dioxane	ND		ug/kg	70	31.	1
p-Diethylbenzene	ND		ug/kg	1.7	0.15	1
p-Ethyltoluene	ND		ug/kg	1.7	0.34	1
1,2,4,5-Tetramethylbenzene	ND		ug/kg	1.7	0.17	1
Ethyl ether	ND		ug/kg	1.7	0.30	1
trans-1,4-Dichloro-2-butene	ND		ug/kg	4.4	1.2	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	93		70-130
Toluene-d8	113		70-130
4-Bromofluorobenzene	112		70-130
Dibromofluoromethane	96		70-130

Project Name: 2925 WESTCHESTER AVE. **Lab Number:** L2008988

Project Number: 2925 WESTCHESTER A\ **Report Date:** 03/12/20

SAMPLE RESULTS

Lab ID: L2008988-03
Client ID: SB-5 (2-3)
Sample Location: 2925 WESTCHESTER AVE.

Date Collected: 02/27/20 09:25
Date Received: 02/28/20
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8260C
Analytical Date: 03/04/20 20:15
Analyst: NLK
Percent Solids: 94%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
Methylene chloride	ND		ug/kg	4.3	2.0	1
1,1-Dichloroethane	ND		ug/kg	0.86	0.12	1
Chloroform	ND		ug/kg	1.3	0.12	1
Carbon tetrachloride	ND		ug/kg	0.86	0.20	1
1,2-Dichloropropane	ND		ug/kg	0.86	0.11	1
Dibromochloromethane	ND		ug/kg	0.86	0.12	1
1,1,2-Trichloroethane	ND		ug/kg	0.86	0.23	1
Tetrachloroethene	1.2		ug/kg	0.43	0.17	1
Chlorobenzene	ND		ug/kg	0.43	0.11	1
Trichlorofluoromethane	ND		ug/kg	3.4	0.60	1
1,2-Dichloroethane	ND		ug/kg	0.86	0.22	1
1,1,1-Trichloroethane	ND		ug/kg	0.43	0.14	1
Bromodichloromethane	ND		ug/kg	0.43	0.09	1
trans-1,3-Dichloropropene	ND		ug/kg	0.86	0.23	1
cis-1,3-Dichloropropene	ND		ug/kg	0.43	0.14	1
1,3-Dichloropropene, Total	ND		ug/kg	0.43	0.14	1
1,1-Dichloropropene	ND		ug/kg	0.43	0.14	1
Bromoform	ND		ug/kg	3.4	0.21	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	0.43	0.14	1
Benzene	ND		ug/kg	0.43	0.14	1
Toluene	ND		ug/kg	0.86	0.46	1
Ethylbenzene	ND		ug/kg	0.86	0.12	1
Chloromethane	ND		ug/kg	3.4	0.80	1
Bromomethane	ND		ug/kg	1.7	0.50	1
Vinyl chloride	ND		ug/kg	0.86	0.29	1
Chloroethane	ND		ug/kg	1.7	0.39	1
1,1-Dichloroethene	ND		ug/kg	0.86	0.20	1
trans-1,2-Dichloroethene	ND		ug/kg	1.3	0.12	1

Project Name: 2925 WESTCHESTER AVE. **Lab Number:** L2008988

Project Number: 2925 WESTCHESTER A\ **Report Date:** 03/12/20

SAMPLE RESULTS

Lab ID: L2008988-03 Date Collected: 02/27/20 09:25

Client ID: SB-5 (2-3) Date Received: 02/28/20

Sample Location: 2925 WESTCHESTER AVE. 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	0.43	0.12	1
1,2-Dichlorobenzene	ND		ug/kg	1.7	0.12	1
1,3-Dichlorobenzene	ND		ug/kg	1.7	0.13	1
1,4-Dichlorobenzene	ND		ug/kg	1.7	0.15	1
Methyl tert butyl ether	ND		ug/kg	1.7	0.17	1
p/m-Xylene	ND		ug/kg	1.7	0.48	1
o-Xylene	ND		ug/kg	0.86	0.25	1
Xylenes, Total	ND		ug/kg	0.86	0.25	1
cis-1,2-Dichloroethene	0.38	J	ug/kg	0.86	0.15	1
1,2-Dichloroethene, Total	0.38	J	ug/kg	0.86	0.12	1
Dibromomethane	ND		ug/kg	1.7	0.20	1
Styrene	ND		ug/kg	0.86	0.17	1
Dichlorodifluoromethane	ND		ug/kg	8.6	0.78	1
Acetone	ND		ug/kg	8.6	4.1	1
Carbon disulfide	ND		ug/kg	8.6	3.9	1
2-Butanone	ND		ug/kg	8.6	1.9	1
Vinyl acetate	ND		ug/kg	8.6	1.8	1
4-Methyl-2-pentanone	ND		ug/kg	8.6	1.1	1
1,2,3-Trichloropropane	ND		ug/kg	1.7	0.11	1
2-Hexanone	ND		ug/kg	8.6	1.0	1
Bromochloromethane	ND		ug/kg	1.7	0.18	1
2,2-Dichloropropane	ND		ug/kg	1.7	0.17	1
1,2-Dibromoethane	ND		ug/kg	0.86	0.24	1
1,3-Dichloropropane	ND		ug/kg	1.7	0.14	1
1,1,1,2-Tetrachloroethane	ND		ug/kg	0.43	0.11	1
Bromobenzene	ND		ug/kg	1.7	0.12	1
n-Butylbenzene	ND		ug/kg	0.86	0.14	1
sec-Butylbenzene	ND		ug/kg	0.86	0.12	1
tert-Butylbenzene	ND		ug/kg	1.7	0.10	1
o-Chlorotoluene	ND		ug/kg	1.7	0.16	1
p-Chlorotoluene	ND		ug/kg	1.7	0.09	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	2.6	0.86	1
Hexachlorobutadiene	ND		ug/kg	3.4	0.14	1
Isopropylbenzene	ND		ug/kg	0.86	0.09	1
p-Isopropyltoluene	ND		ug/kg	0.86	0.09	1
Naphthalene	ND		ug/kg	3.4	0.56	1
Acrylonitrile	ND		ug/kg	3.4	0.98	1

Project Name: 2925 WESTCHESTER AVE. **Lab Number:** L2008988

Project Number: 2925 WESTCHESTER A\ **Report Date:** 03/12/20

SAMPLE RESULTS

Lab ID: L2008988-03 Date Collected: 02/27/20 09:25

Client ID: SB-5 (2-3) Date Received: 02/28/20

Sample Location: 2925 WESTCHESTER AVE. 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	0.86	0.15	1
1,2,3-Trichlorobenzene	ND		ug/kg	1.7	0.28	1
1,2,4-Trichlorobenzene	ND		ug/kg	1.7	0.23	1
1,3,5-Trimethylbenzene	ND		ug/kg	1.7	0.16	1
1,2,4-Trimethylbenzene	ND		ug/kg	1.7	0.29	1
1,4-Dioxane	ND		ug/kg	68	30.	1
p-Diethylbenzene	ND		ug/kg	1.7	0.15	1
p-Ethyltoluene	ND		ug/kg	1.7	0.33	1
1,2,4,5-Tetramethylbenzene	ND		ug/kg	1.7	0.16	1
Ethyl ether	ND		ug/kg	1.7	0.29	1
trans-1,4-Dichloro-2-butene	ND		ug/kg	4.3	1.2	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	113		70-130
Toluene-d8	110		70-130
4-Bromofluorobenzene	108		70-130
Dibromofluoromethane	100		70-130

Project Name: 2925 WESTCHESTER AVE. **Lab Number:** L2008988

Project Number: 2925 WESTCHESTER A\ **Report Date:** 03/12/20

SAMPLE RESULTS

Lab ID: L2008988-04
Client ID: SB-5 (3-4)
Sample Location: 2925 WESTCHESTER AVE.

Date Collected: 02/27/20 09:30
Date Received: 02/28/20
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8260C
Analytical Date: 03/04/20 20:41
Analyst: NLK
Percent Solids: 92%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
Methylene chloride	ND		ug/kg	4.4	2.0	1
1,1-Dichloroethane	ND		ug/kg	0.88	0.13	1
Chloroform	ND		ug/kg	1.3	0.12	1
Carbon tetrachloride	ND		ug/kg	0.88	0.20	1
1,2-Dichloropropane	ND		ug/kg	0.88	0.11	1
Dibromochloromethane	ND		ug/kg	0.88	0.12	1
1,1,2-Trichloroethane	ND		ug/kg	0.88	0.24	1
Tetrachloroethene	1.3		ug/kg	0.44	0.17	1
Chlorobenzene	ND		ug/kg	0.44	0.11	1
Trichlorofluoromethane	ND		ug/kg	3.5	0.62	1
1,2-Dichloroethane	ND		ug/kg	0.88	0.23	1
1,1,1-Trichloroethane	ND		ug/kg	0.44	0.15	1
Bromodichloromethane	ND		ug/kg	0.44	0.10	1
trans-1,3-Dichloropropene	ND		ug/kg	0.88	0.24	1
cis-1,3-Dichloropropene	ND		ug/kg	0.44	0.14	1
1,3-Dichloropropene, Total	ND		ug/kg	0.44	0.14	1
1,1-Dichloropropene	ND		ug/kg	0.44	0.14	1
Bromoform	ND		ug/kg	3.5	0.22	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	0.44	0.15	1
Benzene	ND		ug/kg	0.44	0.15	1
Toluene	ND		ug/kg	0.88	0.48	1
Ethylbenzene	ND		ug/kg	0.88	0.12	1
Chloromethane	ND		ug/kg	3.5	0.82	1
Bromomethane	ND		ug/kg	1.8	0.51	1
Vinyl chloride	ND		ug/kg	0.88	0.30	1
Chloroethane	ND		ug/kg	1.8	0.40	1
1,1-Dichloroethene	ND		ug/kg	0.88	0.21	1
trans-1,2-Dichloroethene	ND		ug/kg	1.3	0.12	1

Project Name: 2925 WESTCHESTER AVE. **Lab Number:** L2008988

Project Number: 2925 WESTCHESTER A\ **Report Date:** 03/12/20

SAMPLE RESULTS

Lab ID: L2008988-04 Date Collected: 02/27/20 09:30

Client ID: SB-5 (3-4) Date Received: 02/28/20

Sample Location: 2925 WESTCHESTER AVE. Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
Trichloroethene	0.13	J	ug/kg	0.44	0.12	1
1,2-Dichlorobenzene	ND		ug/kg	1.8	0.13	1
1,3-Dichlorobenzene	ND		ug/kg	1.8	0.13	1
1,4-Dichlorobenzene	ND		ug/kg	1.8	0.15	1
Methyl tert butyl ether	ND		ug/kg	1.8	0.18	1
p/m-Xylene	ND		ug/kg	1.8	0.50	1
o-Xylene	ND		ug/kg	0.88	0.26	1
Xylenes, Total	ND		ug/kg	0.88	0.26	1
cis-1,2-Dichloroethene	0.16	J	ug/kg	0.88	0.15	1
1,2-Dichloroethene, Total	0.16	J	ug/kg	0.88	0.12	1
Dibromomethane	ND		ug/kg	1.8	0.21	1
Styrene	ND		ug/kg	0.88	0.17	1
Dichlorodifluoromethane	ND		ug/kg	8.8	0.81	1
Acetone	ND		ug/kg	8.8	4.3	1
Carbon disulfide	ND		ug/kg	8.8	4.0	1
2-Butanone	ND		ug/kg	8.8	2.0	1
Vinyl acetate	ND		ug/kg	8.8	1.9	1
4-Methyl-2-pentanone	ND		ug/kg	8.8	1.1	1
1,2,3-Trichloropropane	ND		ug/kg	1.8	0.11	1
2-Hexanone	ND		ug/kg	8.8	1.0	1
Bromochloromethane	ND		ug/kg	1.8	0.18	1
2,2-Dichloropropane	ND		ug/kg	1.8	0.18	1
1,2-Dibromoethane	ND		ug/kg	0.88	0.25	1
1,3-Dichloropropane	ND		ug/kg	1.8	0.15	1
1,1,1,2-Tetrachloroethane	ND		ug/kg	0.44	0.12	1
Bromobenzene	ND		ug/kg	1.8	0.13	1
n-Butylbenzene	ND		ug/kg	0.88	0.15	1
sec-Butylbenzene	ND		ug/kg	0.88	0.13	1
tert-Butylbenzene	ND		ug/kg	1.8	0.10	1
o-Chlorotoluene	ND		ug/kg	1.8	0.17	1
p-Chlorotoluene	ND		ug/kg	1.8	0.10	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	2.6	0.88	1
Hexachlorobutadiene	ND		ug/kg	3.5	0.15	1
Isopropylbenzene	ND		ug/kg	0.88	0.10	1
p-Isopropyltoluene	ND		ug/kg	0.88	0.10	1
Naphthalene	ND		ug/kg	3.5	0.58	1
Acrylonitrile	ND		ug/kg	3.5	1.0	1

Project Name: 2925 WESTCHESTER AVE. **Lab Number:** L2008988

Project Number: 2925 WESTCHESTER A\ **Report Date:** 03/12/20

SAMPLE RESULTS

Lab ID: L2008988-04 Date Collected: 02/27/20 09:30

Client ID: SB-5 (3-4) Date Received: 02/28/20

Sample Location: 2925 WESTCHESTER AVE. 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	0.88	0.15	1
1,2,3-Trichlorobenzene	ND		ug/kg	1.8	0.28	1
1,2,4-Trichlorobenzene	ND		ug/kg	1.8	0.24	1
1,3,5-Trimethylbenzene	ND		ug/kg	1.8	0.17	1
1,2,4-Trimethylbenzene	ND		ug/kg	1.8	0.30	1
1,4-Dioxane	ND		ug/kg	71	31.	1
p-Diethylbenzene	ND		ug/kg	1.8	0.16	1
p-Ethyltoluene	ND		ug/kg	1.8	0.34	1
1,2,4,5-Tetramethylbenzene	ND		ug/kg	1.8	0.17	1
Ethyl ether	ND		ug/kg	1.8	0.30	1
trans-1,4-Dichloro-2-butene	ND		ug/kg	4.4	1.2	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	112		70-130
Toluene-d8	113		70-130
4-Bromofluorobenzene	112		70-130
Dibromofluoromethane	98		70-130

Project Name: 2925 WESTCHESTER AVE. **Lab Number:** L2008988

Project Number: 2925 WESTCHESTER A\ **Report Date:** 03/12/20

SAMPLE RESULTS

Lab ID: L2008988-05 D
Client ID: SB-5-N (0-1)
Sample Location: 2925 WESTCHESTER AVE.

Date Collected: 02/27/20 10:00
Date Received: 02/28/20
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8260C
Analytical Date: 03/08/20 19:00
Analyst: MV
Percent Solids: 77%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 High - Westborough Lab						
Methylene chloride	ND		ug/kg	940	430	2
1,1-Dichloroethane	ND		ug/kg	190	27.	2
Chloroform	ND		ug/kg	280	26.	2
Carbon tetrachloride	ND		ug/kg	190	43.	2
1,2-Dichloropropane	ND		ug/kg	190	24.	2
Dibromochloromethane	ND		ug/kg	190	26.	2
1,1,2-Trichloroethane	ND		ug/kg	190	50.	2
Tetrachloroethene	34000		ug/kg	94	37.	2
Chlorobenzene	ND		ug/kg	94	24.	2
Trichlorofluoromethane	ND		ug/kg	760	130	2
1,2-Dichloroethane	ND		ug/kg	190	48.	2
1,1,1-Trichloroethane	ND		ug/kg	94	32.	2
Bromodichloromethane	ND		ug/kg	94	21.	2
trans-1,3-Dichloropropene	ND		ug/kg	190	52.	2
cis-1,3-Dichloropropene	ND		ug/kg	94	30.	2
1,3-Dichloropropene, Total	ND		ug/kg	94	30.	2
1,1-Dichloropropene	ND		ug/kg	94	30.	2
Bromoform	ND		ug/kg	760	46.	2
1,1,2,2-Tetrachloroethane	ND		ug/kg	94	31.	2
Benzene	ND		ug/kg	94	31.	2
Toluene	ND		ug/kg	190	100	2
Ethylbenzene	ND		ug/kg	190	27.	2
Chloromethane	ND		ug/kg	760	180	2
Bromomethane	ND		ug/kg	380	110	2
Vinyl chloride	ND		ug/kg	190	63.	2
Chloroethane	ND		ug/kg	380	85.	2
1,1-Dichloroethene	ND		ug/kg	190	45.	2
trans-1,2-Dichloroethene	180	J	ug/kg	280	26.	2

Project Name: 2925 WESTCHESTER AVE. **Lab Number:** L2008988

Project Number: 2925 WESTCHESTER A\ **Report Date:** 03/12/20

SAMPLE RESULTS

Lab ID: L2008988-05 D
Client ID: SB-5-N (0-1)
Sample Location: 2925 WESTCHESTER AVE.

Date Collected: 02/27/20 10:00
Date Received: 02/28/20
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 High - Westborough Lab						
Trichloroethene	8100		ug/kg	94	26.	2
1,2-Dichlorobenzene	ND		ug/kg	380	27.	2
1,3-Dichlorobenzene	ND		ug/kg	380	28.	2
1,4-Dichlorobenzene	ND		ug/kg	380	32.	2
Methyl tert butyl ether	ND		ug/kg	380	38.	2
p/m-Xylene	ND		ug/kg	380	100	2
o-Xylene	ND		ug/kg	190	55.	2
Xylenes, Total	ND		ug/kg	190	55.	2
cis-1,2-Dichloroethene	10000		ug/kg	190	33.	2
1,2-Dichloroethene, Total	10000	J	ug/kg	190	26.	2
Dibromomethane	ND		ug/kg	380	45.	2
Styrene	ND		ug/kg	190	37.	2
Dichlorodifluoromethane	ND		ug/kg	1900	170	2
Acetone	ND		ug/kg	1900	910	2
Carbon disulfide	ND		ug/kg	1900	860	2
2-Butanone	ND		ug/kg	1900	420	2
Vinyl acetate	ND		ug/kg	1900	410	2
4-Methyl-2-pentanone	ND		ug/kg	1900	240	2
1,2,3-Trichloropropane	ND		ug/kg	380	24.	2
2-Hexanone	ND		ug/kg	1900	220	2
Bromochloromethane	ND		ug/kg	380	39.	2
2,2-Dichloropropane	ND		ug/kg	380	38.	2
1,2-Dibromoethane	ND		ug/kg	190	53.	2
1,3-Dichloropropane	ND		ug/kg	380	32.	2
1,1,1,2-Tetrachloroethane	ND		ug/kg	94	25.	2
Bromobenzene	ND		ug/kg	380	27.	2
n-Butylbenzene	ND		ug/kg	190	32.	2
sec-Butylbenzene	ND		ug/kg	190	28.	2
tert-Butylbenzene	ND		ug/kg	380	22.	2
o-Chlorotoluene	ND		ug/kg	380	36.	2
p-Chlorotoluene	ND		ug/kg	380	20.	2
1,2-Dibromo-3-chloropropane	ND		ug/kg	570	190	2
Hexachlorobutadiene	ND		ug/kg	760	32.	2
Isopropylbenzene	ND		ug/kg	190	21.	2
p-Isopropyltoluene	ND		ug/kg	190	21.	2
Naphthalene	ND		ug/kg	760	120	2
Acrylonitrile	ND		ug/kg	760	220	2

Project Name: 2925 WESTCHESTER AVE. **Lab Number:** L2008988

Project Number: 2925 WESTCHESTER A\ **Report Date:** 03/12/20

SAMPLE RESULTS

Lab ID: L2008988-05 D
Client ID: SB-5-N (0-1)
Sample Location: 2925 WESTCHESTER AVE.

Date Collected: 02/27/20 10:00
Date Received: 02/28/20
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 High - Westborough Lab						
n-Propylbenzene	ND		ug/kg	190	32.	2
1,2,3-Trichlorobenzene	ND		ug/kg	380	61.	2
1,2,4-Trichlorobenzene	ND		ug/kg	380	51.	2
1,3,5-Trimethylbenzene	ND		ug/kg	380	36.	2
1,2,4-Trimethylbenzene	ND		ug/kg	380	63.	2
1,4-Dioxane	ND		ug/kg	15000	6600	2
p-Diethylbenzene	ND		ug/kg	380	33.	2
p-Ethyltoluene	ND		ug/kg	380	73.	2
1,2,4,5-Tetramethylbenzene	ND		ug/kg	380	36.	2
Ethyl ether	ND		ug/kg	380	64.	2
trans-1,4-Dichloro-2-butene	ND		ug/kg	940	270	2

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	97		70-130
Toluene-d8	100		70-130
4-Bromofluorobenzene	98		70-130
Dibromofluoromethane	100		70-130

Project Name: 2925 WESTCHESTER AVE. **Lab Number:** L2008988

Project Number: 2925 WESTCHESTER A\ **Report Date:** 03/12/20

SAMPLE RESULTS

Lab ID: L2008988-06 D
Client ID: SB-5-N (1-2)
Sample Location: 2925 WESTCHESTER AVE.

Date Collected: 02/27/20 10:05
Date Received: 02/28/20
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8260C
Analytical Date: 03/10/20 23:07
Analyst: MV
Percent Solids: 84%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 High - Westborough Lab						
Methylene chloride	270	J	ug/kg	570	260	2
1,1-Dichloroethane	ND		ug/kg	110	16.	2
Chloroform	ND		ug/kg	170	16.	2
Carbon tetrachloride	ND		ug/kg	110	26.	2
1,2-Dichloropropane	ND		ug/kg	110	14.	2
Dibromochloromethane	ND		ug/kg	110	16.	2
1,1,2-Trichloroethane	ND		ug/kg	110	30.	2
Tetrachloroethene	22000		ug/kg	57	22.	2
Chlorobenzene	ND		ug/kg	57	14.	2
Trichlorofluoromethane	ND		ug/kg	450	79.	2
1,2-Dichloroethane	ND		ug/kg	110	29.	2
1,1,1-Trichloroethane	ND		ug/kg	57	19.	2
Bromodichloromethane	ND		ug/kg	57	12.	2
trans-1,3-Dichloropropene	ND		ug/kg	110	31.	2
cis-1,3-Dichloropropene	ND		ug/kg	57	18.	2
1,3-Dichloropropene, Total	ND		ug/kg	57	18.	2
1,1-Dichloropropene	ND		ug/kg	57	18.	2
Bromoform	ND		ug/kg	450	28.	2
1,1,2,2-Tetrachloroethane	ND		ug/kg	57	19.	2
Benzene	ND		ug/kg	57	19.	2
Toluene	ND		ug/kg	110	62.	2
Ethylbenzene	ND		ug/kg	110	16.	2
Chloromethane	ND		ug/kg	450	100	2
Bromomethane	ND		ug/kg	230	66.	2
Vinyl chloride	84	J	ug/kg	110	38.	2
Chloroethane	ND		ug/kg	230	51.	2
1,1-Dichloroethene	ND		ug/kg	110	27.	2
trans-1,2-Dichloroethene	260		ug/kg	170	16.	2

Project Name: 2925 WESTCHESTER AVE. **Lab Number:** L2008988

Project Number: 2925 WESTCHESTER A\ **Report Date:** 03/12/20

SAMPLE RESULTS

Lab ID: L2008988-06 D
Client ID: SB-5-N (1-2)
Sample Location: 2925 WESTCHESTER AVE.

Date Collected: 02/27/20 10:05
Date Received: 02/28/20
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 High - Westborough Lab						
Trichloroethene	26000		ug/kg	57	16.	2
1,2-Dichlorobenzene	ND		ug/kg	230	16.	2
1,3-Dichlorobenzene	ND		ug/kg	230	17.	2
1,4-Dichlorobenzene	ND		ug/kg	230	19.	2
Methyl tert butyl ether	ND		ug/kg	230	23.	2
p/m-Xylene	ND		ug/kg	230	63.	2
o-Xylene	ND		ug/kg	110	33.	2
Xylenes, Total	ND		ug/kg	110	33.	2
cis-1,2-Dichloroethene	12000		ug/kg	110	20.	2
1,2-Dichloroethene, Total	12000		ug/kg	110	16.	2
Dibromomethane	ND		ug/kg	230	27.	2
Styrene	ND		ug/kg	110	22.	2
Dichlorodifluoromethane	ND		ug/kg	1100	100	2
Acetone	680	J	ug/kg	1100	540	2
Carbon disulfide	ND		ug/kg	1100	520	2
2-Butanone	ND		ug/kg	1100	250	2
Vinyl acetate	ND		ug/kg	1100	240	2
4-Methyl-2-pentanone	ND		ug/kg	1100	140	2
1,2,3-Trichloropropane	ND		ug/kg	230	14.	2
2-Hexanone	ND		ug/kg	1100	130	2
Bromochloromethane	ND		ug/kg	230	23.	2
2,2-Dichloropropane	ND		ug/kg	230	23.	2
1,2-Dibromoethane	ND		ug/kg	110	32.	2
1,3-Dichloropropane	ND		ug/kg	230	19.	2
1,1,1,2-Tetrachloroethane	ND		ug/kg	57	15.	2
Bromobenzene	ND		ug/kg	230	16.	2
n-Butylbenzene	ND		ug/kg	110	19.	2
sec-Butylbenzene	ND		ug/kg	110	16.	2
tert-Butylbenzene	ND		ug/kg	230	13.	2
o-Chlorotoluene	ND		ug/kg	230	22.	2
p-Chlorotoluene	ND		ug/kg	230	12.	2
1,2-Dibromo-3-chloropropane	ND		ug/kg	340	110	2
Hexachlorobutadiene	ND		ug/kg	450	19.	2
Isopropylbenzene	ND		ug/kg	110	12.	2
p-Isopropyltoluene	14	J	ug/kg	110	12.	2
Naphthalene	ND		ug/kg	450	74.	2
Acrylonitrile	ND		ug/kg	450	130	2

Project Name: 2925 WESTCHESTER AVE. **Lab Number:** L2008988

Project Number: 2925 WESTCHESTER A\ **Report Date:** 03/12/20

SAMPLE RESULTS

Lab ID: L2008988-06 D
Client ID: SB-5-N (1-2)
Sample Location: 2925 WESTCHESTER AVE.

Date Collected: 02/27/20 10:05
Date Received: 02/28/20
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 High - Westborough Lab						
n-Propylbenzene	ND		ug/kg	110	19.	2
1,2,3-Trichlorobenzene	ND		ug/kg	230	36.	2
1,2,4-Trichlorobenzene	ND		ug/kg	230	31.	2
1,3,5-Trimethylbenzene	ND		ug/kg	230	22.	2
1,2,4-Trimethylbenzene	ND		ug/kg	230	38.	2
1,4-Dioxane	ND		ug/kg	9100	4000	2
p-Diethylbenzene	ND		ug/kg	230	20.	2
p-Ethyltoluene	ND		ug/kg	230	43.	2
1,2,4,5-Tetramethylbenzene	ND		ug/kg	230	22.	2
Ethyl ether	ND		ug/kg	230	39.	2
trans-1,4-Dichloro-2-butene	ND		ug/kg	570	160	2

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	111		70-130
Toluene-d8	95		70-130
4-Bromofluorobenzene	94		70-130
Dibromofluoromethane	102		70-130

Project Name: 2925 WESTCHESTER AVE. **Lab Number:** L2008988

Project Number: 2925 WESTCHESTER A\ **Report Date:** 03/12/20

SAMPLE RESULTS

Lab ID: L2008988-07
Client ID: SB-5-N (2-3)
Sample Location: 2925 WESTCHESTER AVE.

Date Collected: 02/27/20 10:10
Date Received: 02/28/20
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8260C
Analytical Date: 03/11/20 10:44
Analyst: AD
Percent Solids: 91%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 High - Westborough Lab						
Methylene chloride	ND		ug/kg	240	110	1
1,1-Dichloroethane	ND		ug/kg	47	6.9	1
Chloroform	ND		ug/kg	71	6.6	1
Carbon tetrachloride	ND		ug/kg	47	11.	1
1,2-Dichloropropane	ND		ug/kg	47	5.9	1
Dibromochloromethane	ND		ug/kg	47	6.6	1
1,1,2-Trichloroethane	ND		ug/kg	47	13.	1
Tetrachloroethene	650		ug/kg	24	9.3	1
Chlorobenzene	ND		ug/kg	24	6.0	1
Trichlorofluoromethane	ND		ug/kg	190	33.	1
1,2-Dichloroethane	ND		ug/kg	47	12.	1
1,1,1-Trichloroethane	ND		ug/kg	24	7.9	1
Bromodichloromethane	ND		ug/kg	24	5.2	1
trans-1,3-Dichloropropene	ND		ug/kg	47	13.	1
cis-1,3-Dichloropropene	ND		ug/kg	24	7.5	1
1,3-Dichloropropene, Total	ND		ug/kg	24	7.5	1
1,1-Dichloropropene	ND		ug/kg	24	7.5	1
Bromoform	ND		ug/kg	190	12.	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	24	7.9	1
Benzene	ND		ug/kg	24	7.9	1
Toluene	ND		ug/kg	47	26.	1
Ethylbenzene	ND		ug/kg	47	6.7	1
Chloromethane	ND		ug/kg	190	44.	1
Bromomethane	ND		ug/kg	95	28.	1
Vinyl chloride	ND		ug/kg	47	16.	1
Chloroethane	ND		ug/kg	95	21.	1
1,1-Dichloroethene	ND		ug/kg	47	11.	1
trans-1,2-Dichloroethene	8.3	J	ug/kg	71	6.5	1

Project Name: 2925 WESTCHESTER AVE. **Lab Number:** L2008988

Project Number: 2925 WESTCHESTER A\ **Report Date:** 03/12/20

SAMPLE RESULTS

Lab ID: L2008988-07 Date Collected: 02/27/20 10:10

Client ID: SB-5-N (2-3) Date Received: 02/28/20

Sample Location: 2925 WESTCHESTER AVE. Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 High - Westborough Lab						
Trichloroethene	670		ug/kg	24	6.5	1
1,2-Dichlorobenzene	ND		ug/kg	95	6.8	1
1,3-Dichlorobenzene	ND		ug/kg	95	7.0	1
1,4-Dichlorobenzene	ND		ug/kg	95	8.1	1
Methyl tert butyl ether	ND		ug/kg	95	9.5	1
p/m-Xylene	ND		ug/kg	95	26.	1
o-Xylene	ND		ug/kg	47	14.	1
Xylenes, Total	ND		ug/kg	47	14.	1
cis-1,2-Dichloroethene	570		ug/kg	47	8.3	1
1,2-Dichloroethene, Total	580	J	ug/kg	47	6.5	1
Dibromomethane	ND		ug/kg	95	11.	1
Styrene	ND		ug/kg	47	9.3	1
Dichlorodifluoromethane	ND		ug/kg	470	43.	1
Acetone	ND		ug/kg	470	230	1
Carbon disulfide	ND		ug/kg	470	220	1
2-Butanone	ND		ug/kg	470	100	1
Vinyl acetate	ND		ug/kg	470	100	1
4-Methyl-2-pentanone	ND		ug/kg	470	61.	1
1,2,3-Trichloropropane	ND		ug/kg	95	6.0	1
2-Hexanone	ND		ug/kg	470	56.	1
Bromochloromethane	ND		ug/kg	95	9.7	1
2,2-Dichloropropane	ND		ug/kg	95	9.6	1
1,2-Dibromoethane	ND		ug/kg	47	13.	1
1,3-Dichloropropane	ND		ug/kg	95	7.9	1
1,1,1,2-Tetrachloroethane	ND		ug/kg	24	6.3	1
Bromobenzene	ND		ug/kg	95	6.9	1
n-Butylbenzene	ND		ug/kg	47	7.9	1
sec-Butylbenzene	ND		ug/kg	47	6.9	1
tert-Butylbenzene	ND		ug/kg	95	5.6	1
o-Chlorotoluene	ND		ug/kg	95	9.1	1
p-Chlorotoluene	ND		ug/kg	95	5.1	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	140	47.	1
Hexachlorobutadiene	ND		ug/kg	190	8.0	1
Isopropylbenzene	ND		ug/kg	47	5.2	1
p-Isopropyltoluene	ND		ug/kg	47	5.2	1
Naphthalene	ND		ug/kg	190	31.	1
Acrylonitrile	ND		ug/kg	190	54.	1

Project Name: 2925 WESTCHESTER AVE. **Lab Number:** L2008988

Project Number: 2925 WESTCHESTER A\ **Report Date:** 03/12/20

SAMPLE RESULTS

Lab ID: L2008988-07 Date Collected: 02/27/20 10:10

Client ID: SB-5-N (2-3) Date Received: 02/28/20

Sample Location: 2925 WESTCHESTER AVE. Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 High - Westborough Lab						
n-Propylbenzene	ND		ug/kg	47	8.1	1
1,2,3-Trichlorobenzene	ND		ug/kg	95	15.	1
1,2,4-Trichlorobenzene	ND		ug/kg	95	13.	1
1,3,5-Trimethylbenzene	ND		ug/kg	95	9.2	1
1,2,4-Trimethylbenzene	ND		ug/kg	95	16.	1
1,4-Dioxane	ND		ug/kg	3800	1700	1
p-Diethylbenzene	ND		ug/kg	95	8.4	1
p-Ethyltoluene	ND		ug/kg	95	18.	1
1,2,4,5-Tetramethylbenzene	ND		ug/kg	95	9.1	1
Ethyl ether	ND		ug/kg	95	16.	1
trans-1,4-Dichloro-2-butene	ND		ug/kg	240	67.	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	106		70-130
Toluene-d8	91		70-130
4-Bromofluorobenzene	103		70-130
Dibromofluoromethane	122		70-130

Project Name: 2925 WESTCHESTER AVE. **Lab Number:** L2008988

Project Number: 2925 WESTCHESTER A\ **Report Date:** 03/12/20

SAMPLE RESULTS

Lab ID: L2008988-08
Client ID: SB-5-W (0-1)
Sample Location: 2925 WESTCHESTER AVE.

Date Collected: 02/27/20 10:30
Date Received: 02/28/20
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8260C
Analytical Date: 03/08/20 19:26
Analyst: MV
Percent Solids: 90%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 High - Westborough Lab						
Methylene chloride	ND		ug/kg	380	170	1
1,1-Dichloroethane	ND		ug/kg	76	11.	1
Chloroform	ND		ug/kg	110	11.	1
Carbon tetrachloride	ND		ug/kg	76	18.	1
1,2-Dichloropropane	ND		ug/kg	76	9.6	1
Dibromochloromethane	ND		ug/kg	76	11.	1
1,1,2-Trichloroethane	ND		ug/kg	76	20.	1
Tetrachloroethene	20000		ug/kg	38	15.	1
Chlorobenzene	ND		ug/kg	38	9.7	1
Trichlorofluoromethane	ND		ug/kg	300	53.	1
1,2-Dichloroethane	ND		ug/kg	76	20.	1
1,1,1-Trichloroethane	ND		ug/kg	38	13.	1
Bromodichloromethane	ND		ug/kg	38	8.3	1
trans-1,3-Dichloropropene	ND		ug/kg	76	21.	1
cis-1,3-Dichloropropene	ND		ug/kg	38	12.	1
1,3-Dichloropropene, Total	ND		ug/kg	38	12.	1
1,1-Dichloropropene	ND		ug/kg	38	12.	1
Bromoform	ND		ug/kg	300	19.	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	38	13.	1
Benzene	ND		ug/kg	38	13.	1
Toluene	ND		ug/kg	76	41.	1
Ethylbenzene	ND		ug/kg	76	11.	1
Chloromethane	ND		ug/kg	300	71.	1
Bromomethane	ND		ug/kg	150	44.	1
Vinyl chloride	ND		ug/kg	76	26.	1
Chloroethane	ND		ug/kg	150	34.	1
1,1-Dichloroethene	ND		ug/kg	76	18.	1
trans-1,2-Dichloroethene	54	J	ug/kg	110	10.	1

Project Name: 2925 WESTCHESTER AVE. **Lab Number:** L2008988

Project Number: 2925 WESTCHESTER A\ **Report Date:** 03/12/20

SAMPLE RESULTS

Lab ID: L2008988-08 Date Collected: 02/27/20 10:30

Client ID: SB-5-W (0-1) Date Received: 02/28/20

Sample Location: 2925 WESTCHESTER AVE. Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 High - Westborough Lab						
Trichloroethene	3300		ug/kg	38	10.	1
1,2-Dichlorobenzene	ND		ug/kg	150	11.	1
1,3-Dichlorobenzene	ND		ug/kg	150	11.	1
1,4-Dichlorobenzene	39	J	ug/kg	150	13.	1
Methyl tert butyl ether	ND		ug/kg	150	15.	1
p/m-Xylene	ND		ug/kg	150	43.	1
o-Xylene	ND		ug/kg	76	22.	1
Xylenes, Total	ND		ug/kg	76	22.	1
cis-1,2-Dichloroethene	2800		ug/kg	76	13.	1
1,2-Dichloroethene, Total	2900	J	ug/kg	76	10.	1
Dibromomethane	ND		ug/kg	150	18.	1
Styrene	ND		ug/kg	76	15.	1
Dichlorodifluoromethane	ND		ug/kg	760	70.	1
Acetone	ND		ug/kg	760	370	1
Carbon disulfide	ND		ug/kg	760	350	1
2-Butanone	ND		ug/kg	760	170	1
Vinyl acetate	ND		ug/kg	760	160	1
4-Methyl-2-pentanone	ND		ug/kg	760	98.	1
1,2,3-Trichloropropane	ND		ug/kg	150	9.7	1
2-Hexanone	ND		ug/kg	760	90.	1
Bromochloromethane	ND		ug/kg	150	16.	1
2,2-Dichloropropane	ND		ug/kg	150	15.	1
1,2-Dibromoethane	ND		ug/kg	76	21.	1
1,3-Dichloropropane	ND		ug/kg	150	13.	1
1,1,1,2-Tetrachloroethane	ND		ug/kg	38	10.	1
Bromobenzene	ND		ug/kg	150	11.	1
n-Butylbenzene	ND		ug/kg	76	13.	1
sec-Butylbenzene	ND		ug/kg	76	11.	1
tert-Butylbenzene	ND		ug/kg	150	9.0	1
o-Chlorotoluene	ND		ug/kg	150	14.	1
p-Chlorotoluene	ND		ug/kg	150	8.2	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	230	76.	1
Hexachlorobutadiene	ND		ug/kg	300	13.	1
Isopropylbenzene	ND		ug/kg	76	8.3	1
p-Isopropyltoluene	ND		ug/kg	76	8.3	1
Naphthalene	52	J	ug/kg	300	50.	1
Acrylonitrile	ND		ug/kg	300	88.	1

Project Name: 2925 WESTCHESTER AVE. **Lab Number:** L2008988

Project Number: 2925 WESTCHESTER A\ **Report Date:** 03/12/20

SAMPLE RESULTS

Lab ID: L2008988-08 Date Collected: 02/27/20 10:30

Client ID: SB-5-W (0-1) Date Received: 02/28/20

Sample Location: 2925 WESTCHESTER AVE. Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 High - Westborough Lab						
n-Propylbenzene	ND		ug/kg	76	13.	1
1,2,3-Trichlorobenzene	ND		ug/kg	150	25.	1
1,2,4-Trichlorobenzene	ND		ug/kg	150	21.	1
1,3,5-Trimethylbenzene	ND		ug/kg	150	15.	1
1,2,4-Trimethylbenzene	ND		ug/kg	150	26.	1
1,4-Dioxane	ND		ug/kg	6100	2700	1
p-Diethylbenzene	ND		ug/kg	150	14.	1
p-Ethyltoluene	ND		ug/kg	150	29.	1
1,2,4,5-Tetramethylbenzene	ND		ug/kg	150	14.	1
Ethyl ether	ND		ug/kg	150	26.	1
trans-1,4-Dichloro-2-butene	ND		ug/kg	380	110	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	94		70-130
Toluene-d8	99		70-130
4-Bromofluorobenzene	97		70-130
Dibromofluoromethane	99		70-130

Project Name: 2925 WESTCHESTER AVE. **Lab Number:** L2008988

Project Number: 2925 WESTCHESTER A\ **Report Date:** 03/12/20

SAMPLE RESULTS

Lab ID: L2008988-09
Client ID: SB-5-W (1-2)
Sample Location: 2925 WESTCHESTER AVE.

Date Collected: 02/27/20 10:35
Date Received: 02/28/20
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8260C
Analytical Date: 03/11/20 18:09
Analyst: AD
Percent Solids: 85%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 High - Westborough Lab						
Methylene chloride	ND		ug/kg	320	150	1
1,1-Dichloroethane	ND		ug/kg	64	9.3	1
Chloroform	ND		ug/kg	96	9.0	1
Carbon tetrachloride	ND		ug/kg	64	15.	1
1,2-Dichloropropane	ND		ug/kg	64	8.0	1
Dibromochloromethane	ND		ug/kg	64	9.0	1
1,1,2-Trichloroethane	ND		ug/kg	64	17.	1
Tetrachloroethene	16000		ug/kg	32	12.	1
Chlorobenzene	ND		ug/kg	32	8.1	1
Trichlorofluoromethane	ND		ug/kg	260	44.	1
1,2-Dichloroethane	ND		ug/kg	64	16.	1
1,1,1-Trichloroethane	ND		ug/kg	32	11.	1
Bromodichloromethane	ND		ug/kg	32	7.0	1
trans-1,3-Dichloropropene	ND		ug/kg	64	17.	1
cis-1,3-Dichloropropene	ND		ug/kg	32	10.	1
1,3-Dichloropropene, Total	ND		ug/kg	32	10.	1
1,1-Dichloropropene	ND		ug/kg	32	10.	1
Bromoform	ND		ug/kg	260	16.	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	32	11.	1
Benzene	ND		ug/kg	32	11.	1
Toluene	ND		ug/kg	64	35.	1
Ethylbenzene	ND		ug/kg	64	9.0	1
Chloromethane	ND		ug/kg	260	60.	1
Bromomethane	ND		ug/kg	130	37.	1
Vinyl chloride	ND		ug/kg	64	21.	1
Chloroethane	ND		ug/kg	130	29.	1
1,1-Dichloroethene	ND		ug/kg	64	15.	1
trans-1,2-Dichloroethene	140		ug/kg	96	8.8	1

Project Name: 2925 WESTCHESTER AVE. **Lab Number:** L2008988

Project Number: 2925 WESTCHESTER A\ **Report Date:** 03/12/20

SAMPLE RESULTS

Lab ID: L2008988-09 Date Collected: 02/27/20 10:35

Client ID: SB-5-W (1-2) Date Received: 02/28/20

Sample Location: 2925 WESTCHESTER AVE. Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 High - Westborough Lab						
Trichloroethene	3600		ug/kg	32	8.8	1
1,2-Dichlorobenzene	ND		ug/kg	130	9.2	1
1,3-Dichlorobenzene	ND		ug/kg	130	9.5	1
1,4-Dichlorobenzene	ND		ug/kg	130	11.	1
Methyl tert butyl ether	ND		ug/kg	130	13.	1
p/m-Xylene	ND		ug/kg	130	36.	1
o-Xylene	ND		ug/kg	64	19.	1
Xylenes, Total	ND		ug/kg	64	19.	1
cis-1,2-Dichloroethene	4400		ug/kg	64	11.	1
1,2-Dichloroethene, Total	4500		ug/kg	64	8.8	1
Dibromomethane	ND		ug/kg	130	15.	1
Styrene	ND		ug/kg	64	12.	1
Dichlorodifluoromethane	ND		ug/kg	640	59.	1
Acetone	ND		ug/kg	640	310	1
Carbon disulfide	ND		ug/kg	640	290	1
2-Butanone	ND		ug/kg	640	140	1
Vinyl acetate	ND		ug/kg	640	140	1
4-Methyl-2-pentanone	ND		ug/kg	640	82.	1
1,2,3-Trichloropropane	ND		ug/kg	130	8.1	1
2-Hexanone	ND		ug/kg	640	76.	1
Bromochloromethane	ND		ug/kg	130	13.	1
2,2-Dichloropropane	ND		ug/kg	130	13.	1
1,2-Dibromoethane	ND		ug/kg	64	18.	1
1,3-Dichloropropane	ND		ug/kg	130	11.	1
1,1,1,2-Tetrachloroethane	ND		ug/kg	32	8.5	1
Bromobenzene	ND		ug/kg	130	9.3	1
n-Butylbenzene	ND		ug/kg	64	11.	1
sec-Butylbenzene	ND		ug/kg	64	9.4	1
tert-Butylbenzene	ND		ug/kg	130	7.6	1
o-Chlorotoluene	ND		ug/kg	130	12.	1
p-Chlorotoluene	ND		ug/kg	130	6.9	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	190	64.	1
Hexachlorobutadiene	ND		ug/kg	260	11.	1
Isopropylbenzene	ND		ug/kg	64	7.0	1
p-Isopropyltoluene	ND		ug/kg	64	7.0	1
Naphthalene	ND		ug/kg	260	42.	1
Acrylonitrile	ND		ug/kg	260	74.	1

Project Name: 2925 WESTCHESTER AVE. **Lab Number:** L2008988

Project Number: 2925 WESTCHESTER A\ **Report Date:** 03/12/20

SAMPLE RESULTS

Lab ID: L2008988-09 Date Collected: 02/27/20 10:35

Client ID: SB-5-W (1-2) Date Received: 02/28/20

Sample Location: 2925 WESTCHESTER AVE. Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 High - Westborough Lab						
n-Propylbenzene	ND		ug/kg	64	11.	1
1,2,3-Trichlorobenzene	ND		ug/kg	130	21.	1
1,2,4-Trichlorobenzene	ND		ug/kg	130	17.	1
1,3,5-Trimethylbenzene	ND		ug/kg	130	12.	1
1,2,4-Trimethylbenzene	ND		ug/kg	130	21.	1
1,4-Dioxane	ND		ug/kg	5100	2200	1
p-Diethylbenzene	ND		ug/kg	130	11.	1
p-Ethyltoluene	ND		ug/kg	130	25.	1
1,2,4,5-Tetramethylbenzene	ND		ug/kg	130	12.	1
Ethyl ether	ND		ug/kg	130	22.	1
trans-1,4-Dichloro-2-butene	ND		ug/kg	320	91.	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	111		70-130
Toluene-d8	102		70-130
4-Bromofluorobenzene	96		70-130
Dibromofluoromethane	95		70-130

Project Name: 2925 WESTCHESTER AVE. **Lab Number:** L2008988

Project Number: 2925 WESTCHESTER A\ **Report Date:** 03/12/20

SAMPLE RESULTS

Lab ID: L2008988-10
Client ID: SB-5-W (2-3)
Sample Location: 2925 WESTCHESTER AVE.

Date Collected: 02/27/20 10:40
Date Received: 02/28/20
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8260C
Analytical Date: 03/11/20 11:09
Analyst: AD
Percent Solids: 89%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 High - Westborough Lab						
Methylene chloride	ND		ug/kg	240	110	1
1,1-Dichloroethane	ND		ug/kg	49	7.1	1
Chloroform	ND		ug/kg	74	6.9	1
Carbon tetrachloride	ND		ug/kg	49	11.	1
1,2-Dichloropropane	ND		ug/kg	49	6.1	1
Dibromochloromethane	ND		ug/kg	49	6.9	1
1,1,2-Trichloroethane	ND		ug/kg	49	13.	1
Tetrachloroethene	7000		ug/kg	24	9.6	1
Chlorobenzene	ND		ug/kg	24	6.2	1
Trichlorofluoromethane	ND		ug/kg	200	34.	1
1,2-Dichloroethane	ND		ug/kg	49	13.	1
1,1,1-Trichloroethane	ND		ug/kg	24	8.2	1
Bromodichloromethane	ND		ug/kg	24	5.4	1
trans-1,3-Dichloropropene	ND		ug/kg	49	13.	1
cis-1,3-Dichloropropene	ND		ug/kg	24	7.8	1
1,3-Dichloropropene, Total	ND		ug/kg	24	7.8	1
1,1-Dichloropropene	ND		ug/kg	24	7.8	1
Bromoform	ND		ug/kg	200	12.	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	24	8.1	1
Benzene	ND		ug/kg	24	8.1	1
Toluene	ND		ug/kg	49	27.	1
Ethylbenzene	ND		ug/kg	49	6.9	1
Chloromethane	ND		ug/kg	200	46.	1
Bromomethane	ND		ug/kg	98	28.	1
Vinyl chloride	ND		ug/kg	49	16.	1
Chloroethane	ND		ug/kg	98	22.	1
1,1-Dichloroethene	ND		ug/kg	49	12.	1
trans-1,2-Dichloroethene	84		ug/kg	74	6.7	1

Project Name: 2925 WESTCHESTER AVE. **Lab Number:** L2008988

Project Number: 2925 WESTCHESTER A\ **Report Date:** 03/12/20

SAMPLE RESULTS

Lab ID: L2008988-10 Date Collected: 02/27/20 10:40

Client ID: SB-5-W (2-3) Date Received: 02/28/20

Sample Location: 2925 WESTCHESTER AVE. Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 High - Westborough Lab						
Trichloroethene	1700		ug/kg	24	6.7	1
1,2-Dichlorobenzene	ND		ug/kg	98	7.1	1
1,3-Dichlorobenzene	ND		ug/kg	98	7.3	1
1,4-Dichlorobenzene	27	J	ug/kg	98	8.4	1
Methyl tert butyl ether	ND		ug/kg	98	9.9	1
p/m-Xylene	ND		ug/kg	98	27.	1
o-Xylene	ND		ug/kg	49	14.	1
Xylenes, Total	ND		ug/kg	49	14.	1
cis-1,2-Dichloroethene	3700		ug/kg	49	8.6	1
1,2-Dichloroethene, Total	3800		ug/kg	49	6.7	1
Dibromomethane	ND		ug/kg	98	12.	1
Styrene	ND		ug/kg	49	9.6	1
Dichlorodifluoromethane	ND		ug/kg	490	45.	1
Acetone	ND		ug/kg	490	240	1
Carbon disulfide	ND		ug/kg	490	220	1
2-Butanone	ND		ug/kg	490	110	1
Vinyl acetate	ND		ug/kg	490	100	1
4-Methyl-2-pentanone	ND		ug/kg	490	63.	1
1,2,3-Trichloropropane	ND		ug/kg	98	6.2	1
2-Hexanone	ND		ug/kg	490	58.	1
Bromochloromethane	ND		ug/kg	98	10.	1
2,2-Dichloropropane	ND		ug/kg	98	9.9	1
1,2-Dibromoethane	ND		ug/kg	49	14.	1
1,3-Dichloropropane	ND		ug/kg	98	8.2	1
1,1,1,2-Tetrachloroethane	ND		ug/kg	24	6.5	1
Bromobenzene	ND		ug/kg	98	7.1	1
n-Butylbenzene	ND		ug/kg	49	8.2	1
sec-Butylbenzene	ND		ug/kg	49	7.2	1
tert-Butylbenzene	ND		ug/kg	98	5.8	1
o-Chlorotoluene	ND		ug/kg	98	9.4	1
p-Chlorotoluene	ND		ug/kg	98	5.3	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	150	49.	1
Hexachlorobutadiene	ND		ug/kg	200	8.3	1
Isopropylbenzene	ND		ug/kg	49	5.4	1
p-Isopropyltoluene	ND		ug/kg	49	5.4	1
Naphthalene	ND		ug/kg	200	32.	1
Acrylonitrile	ND		ug/kg	200	56.	1

Project Name: 2925 WESTCHESTER AVE. **Lab Number:** L2008988

Project Number: 2925 WESTCHESTER A\ **Report Date:** 03/12/20

SAMPLE RESULTS

Lab ID: L2008988-10 Date Collected: 02/27/20 10:40

Client ID: SB-5-W (2-3) Date Received: 02/28/20

Sample Location: 2925 WESTCHESTER AVE. Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 High - Westborough Lab						
n-Propylbenzene	ND		ug/kg	49	8.4	1
1,2,3-Trichlorobenzene	ND		ug/kg	98	16.	1
1,2,4-Trichlorobenzene	ND		ug/kg	98	13.	1
1,3,5-Trimethylbenzene	ND		ug/kg	98	9.5	1
1,2,4-Trimethylbenzene	ND		ug/kg	98	16.	1
1,4-Dioxane	ND		ug/kg	3900	1700	1
p-Diethylbenzene	ND		ug/kg	98	8.7	1
p-Ethyltoluene	ND		ug/kg	98	19.	1
1,2,4,5-Tetramethylbenzene	ND		ug/kg	98	9.4	1
Ethyl ether	ND		ug/kg	98	17.	1
trans-1,4-Dichloro-2-butene	ND		ug/kg	240	70.	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	107		70-130
Toluene-d8	100		70-130
4-Bromofluorobenzene	109		70-130
Dibromofluoromethane	103		70-130

Project Name: 2925 WESTCHESTER AVE. **Lab Number:** L2008988

Project Number: 2925 WESTCHESTER A\ **Report Date:** 03/12/20

SAMPLE RESULTS

Lab ID: L2008988-11
Client ID: SB-5-E (0-1)
Sample Location: 2925 WESTCHESTER AVE.

Date Collected: 02/27/20 11:00
Date Received: 02/28/20
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8260C
Analytical Date: 03/08/20 17:42
Analyst: MV
Percent Solids: 80%

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	1.0	0.15	1
Chloroform	ND		ug/kg	1.6	0.15	1
Carbon tetrachloride	ND		ug/kg	1.0	0.24	1
1,2-Dichloropropane	ND		ug/kg	1.0	0.13	1
Dibromochloromethane	ND		ug/kg	1.0	0.15	1
1,1,2-Trichloroethane	ND		ug/kg	1.0	0.28	1
Tetrachloroethene	170		ug/kg	0.53	0.21	1
Chlorobenzene	ND		ug/kg	0.53	0.13	1
Trichlorofluoromethane	ND		ug/kg	4.2	0.73	1
1,2-Dichloroethane	ND		ug/kg	1.0	0.27	1
1,1,1-Trichloroethane	ND		ug/kg	0.53	0.18	1
Bromodichloromethane	ND		ug/kg	0.53	0.11	1
trans-1,3-Dichloropropene	ND		ug/kg	1.0	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	4.2	0.26	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	0.53	0.17	1
Benzene	ND		ug/kg	0.53	0.17	1
Toluene	ND		ug/kg	1.0	0.57	1
Ethylbenzene	ND		ug/kg	1.0	0.15	1
Chloromethane	ND		ug/kg	4.2	0.98	1
Bromomethane	ND		ug/kg	2.1	0.61	1
Vinyl chloride	0.50	J	ug/kg	1.0	0.35	1
Chloroethane	ND		ug/kg	2.1	0.48	1
1,1-Dichloroethene	ND		ug/kg	1.0	0.25	1
trans-1,2-Dichloroethene	0.36	J	ug/kg	1.6	0.14	1

Project Name: 2925 WESTCHESTER AVE. **Lab Number:** L2008988

Project Number: 2925 WESTCHESTER A\ **Report Date:** 03/12/20

SAMPLE RESULTS

Lab ID: L2008988-11 Date Collected: 02/27/20 11:00

Client ID: SB-5-E (0-1) Date Received: 02/28/20

Sample Location: 2925 WESTCHESTER AVE. Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
Trichloroethene	31		ug/kg	0.53	0.14	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	0.59	1
o-Xylene	ND		ug/kg	1.0	0.31	1
Xylenes, Total	ND		ug/kg	1.0	0.31	1
cis-1,2-Dichloroethene	52		ug/kg	1.0	0.18	1
1,2-Dichloroethene, Total	52	J	ug/kg	1.0	0.14	1
Dibromomethane	ND		ug/kg	2.1	0.25	1
Styrene	ND		ug/kg	1.0	0.21	1
Dichlorodifluoromethane	ND		ug/kg	10	0.96	1
Acetone	ND		ug/kg	10	5.1	1
Carbon disulfide	ND		ug/kg	10	4.8	1
2-Butanone	ND		ug/kg	10	2.3	1
Vinyl acetate	ND		ug/kg	10	2.3	1
4-Methyl-2-pentanone	ND		ug/kg	10	1.3	1
1,2,3-Trichloropropane	ND		ug/kg	2.1	0.13	1
2-Hexanone	ND		ug/kg	10	1.2	1
Bromochloromethane	ND		ug/kg	2.1	0.22	1
2,2-Dichloropropane	ND		ug/kg	2.1	0.21	1
1,2-Dibromoethane	ND		ug/kg	1.0	0.29	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	1.0	0.18	1
sec-Butylbenzene	ND		ug/kg	1.0	0.15	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	0.11	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	3.2	1.0	1
Hexachlorobutadiene	ND		ug/kg	4.2	0.18	1
Isopropylbenzene	ND		ug/kg	1.0	0.11	1
p-Isopropyltoluene	ND		ug/kg	1.0	0.11	1
Naphthalene	ND		ug/kg	4.2	0.68	1
Acrylonitrile	ND		ug/kg	4.2	1.2	1

Project Name: 2925 WESTCHESTER AVE. **Lab Number:** L2008988

Project Number: 2925 WESTCHESTER A\ **Report Date:** 03/12/20

SAMPLE RESULTS

Lab ID: L2008988-11 Date Collected: 02/27/20 11:00

Client ID: SB-5-E (0-1) Date Received: 02/28/20

Sample Location: 2925 WESTCHESTER AVE. 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	1.0	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	0.35	1
1,4-Dioxane	ND		ug/kg	84	37.	1
p-Diethylbenzene	ND		ug/kg	2.1	0.19	1
p-Ethyltoluene	ND		ug/kg	2.1	0.40	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

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	95		70-130
Toluene-d8	100		70-130
4-Bromofluorobenzene	99		70-130
Dibromofluoromethane	100		70-130

Project Name: 2925 WESTCHESTER AVE. **Lab Number:** L2008988

Project Number: 2925 WESTCHESTER A\ **Report Date:** 03/12/20

SAMPLE RESULTS

Lab ID: L2008988-17
Client ID: SB-5-W2 (0-1)
Sample Location: 2925 WESTCHESTER AVE.

Date Collected: 02/27/20 12:00
Date Received: 02/28/20
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8260C
Analytical Date: 03/11/20 11:34
Analyst: AD
Percent Solids: 81%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 High - Westborough Lab						
Methylene chloride	ND		ug/kg	370	170	1
1,1-Dichloroethane	ND		ug/kg	74	11.	1
Chloroform	ND		ug/kg	110	10.	1
Carbon tetrachloride	ND		ug/kg	74	17.	1
1,2-Dichloropropane	ND		ug/kg	74	9.3	1
Dibromochloromethane	ND		ug/kg	74	10.	1
1,1,2-Trichloroethane	ND		ug/kg	74	20.	1
Tetrachloroethene	8100		ug/kg	37	14.	1
Chlorobenzene	ND		ug/kg	37	9.4	1
Trichlorofluoromethane	ND		ug/kg	300	52.	1
1,2-Dichloroethane	ND		ug/kg	74	19.	1
1,1,1-Trichloroethane	ND		ug/kg	37	12.	1
Bromodichloromethane	ND		ug/kg	37	8.1	1
trans-1,3-Dichloropropene	ND		ug/kg	74	20.	1
cis-1,3-Dichloropropene	ND		ug/kg	37	12.	1
1,3-Dichloropropene, Total	ND		ug/kg	37	12.	1
1,1-Dichloropropene	ND		ug/kg	37	12.	1
Bromoform	ND		ug/kg	300	18.	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	37	12.	1
Benzene	ND		ug/kg	37	12.	1
Toluene	ND		ug/kg	74	40.	1
Ethylbenzene	ND		ug/kg	74	10.	1
Chloromethane	ND		ug/kg	300	69.	1
Bromomethane	ND		ug/kg	150	43.	1
Vinyl chloride	ND		ug/kg	74	25.	1
Chloroethane	ND		ug/kg	150	34.	1
1,1-Dichloroethene	ND		ug/kg	74	18.	1
trans-1,2-Dichloroethene	ND		ug/kg	110	10.	1

Project Name: 2925 WESTCHESTER AVE. **Lab Number:** L2008988

Project Number: 2925 WESTCHESTER A\ **Report Date:** 03/12/20

SAMPLE RESULTS

Lab ID: L2008988-17 Date Collected: 02/27/20 12:00

Client ID: SB-5-W2 (0-1) Date Received: 02/28/20

Sample Location: 2925 WESTCHESTER AVE. Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 High - Westborough Lab						
Trichloroethene	1400		ug/kg	37	10.	1
1,2-Dichlorobenzene	ND		ug/kg	150	11.	1
1,3-Dichlorobenzene	ND		ug/kg	150	11.	1
1,4-Dichlorobenzene	ND		ug/kg	150	13.	1
Methyl tert butyl ether	ND		ug/kg	150	15.	1
p/m-Xylene	ND		ug/kg	150	42.	1
o-Xylene	ND		ug/kg	74	22.	1
Xylenes, Total	ND		ug/kg	74	22.	1
cis-1,2-Dichloroethene	1300		ug/kg	74	13.	1
1,2-Dichloroethene, Total	1300		ug/kg	74	10.	1
Dibromomethane	ND		ug/kg	150	18.	1
Styrene	ND		ug/kg	74	14.	1
Dichlorodifluoromethane	ND		ug/kg	740	68.	1
Acetone	ND		ug/kg	740	360	1
Carbon disulfide	ND		ug/kg	740	340	1
2-Butanone	ND		ug/kg	740	160	1
Vinyl acetate	ND		ug/kg	740	160	1
4-Methyl-2-pentanone	ND		ug/kg	740	95.	1
1,2,3-Trichloropropane	ND		ug/kg	150	9.4	1
2-Hexanone	ND		ug/kg	740	88.	1
Bromochloromethane	ND		ug/kg	150	15.	1
2,2-Dichloropropane	ND		ug/kg	150	15.	1
1,2-Dibromoethane	ND		ug/kg	74	21.	1
1,3-Dichloropropane	ND		ug/kg	150	12.	1
1,1,1,2-Tetrachloroethane	ND		ug/kg	37	9.8	1
Bromobenzene	ND		ug/kg	150	11.	1
n-Butylbenzene	ND		ug/kg	74	12.	1
sec-Butylbenzene	ND		ug/kg	74	11.	1
tert-Butylbenzene	ND		ug/kg	150	8.8	1
o-Chlorotoluene	ND		ug/kg	150	14.	1
p-Chlorotoluene	ND		ug/kg	150	8.0	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	220	74.	1
Hexachlorobutadiene	ND		ug/kg	300	12.	1
Isopropylbenzene	ND		ug/kg	74	8.1	1
p-Isopropyltoluene	ND		ug/kg	74	8.1	1
Naphthalene	ND		ug/kg	300	48.	1
Acrylonitrile	ND		ug/kg	300	85.	1

Project Name: 2925 WESTCHESTER AVE. **Lab Number:** L2008988

Project Number: 2925 WESTCHESTER A\ **Report Date:** 03/12/20

SAMPLE RESULTS

Lab ID: L2008988-17 Date Collected: 02/27/20 12:00

Client ID: SB-5-W2 (0-1) Date Received: 02/28/20

Sample Location: 2925 WESTCHESTER AVE. Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 High - Westborough Lab						
n-Propylbenzene	ND		ug/kg	74	13.	1
1,2,3-Trichlorobenzene	ND		ug/kg	150	24.	1
1,2,4-Trichlorobenzene	ND		ug/kg	150	20.	1
1,3,5-Trimethylbenzene	ND		ug/kg	150	14.	1
1,2,4-Trimethylbenzene	ND		ug/kg	150	25.	1
1,4-Dioxane	ND		ug/kg	5900	2600	1
p-Diethylbenzene	ND		ug/kg	150	13.	1
p-Ethyltoluene	ND		ug/kg	150	28.	1
1,2,4,5-Tetramethylbenzene	ND		ug/kg	150	14.	1
Ethyl ether	ND		ug/kg	150	25.	1
trans-1,4-Dichloro-2-butene	ND		ug/kg	370	100	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	106		70-130
Toluene-d8	94		70-130
4-Bromofluorobenzene	104		70-130
Dibromofluoromethane	114		70-130

Project Name: 2925 WESTCHESTER AVE. **Lab Number:** L2008988

Project Number: 2925 WESTCHESTER A\ **Report Date:** 03/12/20

SAMPLE RESULTS

Lab ID: L2008988-18
Client ID: SB-5-W2 (1-2)
Sample Location: 2925 WESTCHESTER AVE.

Date Collected: 02/27/20 12:05
Date Received: 02/28/20
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8260C
Analytical Date: 03/11/20 12:23
Analyst: AD
Percent Solids: 89%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
Methylene chloride	ND		ug/kg	4.5	2.0	1
1,1-Dichloroethane	ND		ug/kg	0.89	0.13	1
Chloroform	ND		ug/kg	1.3	0.12	1
Carbon tetrachloride	ND		ug/kg	0.89	0.20	1
1,2-Dichloropropane	ND		ug/kg	0.89	0.11	1
Dibromochloromethane	ND		ug/kg	0.89	0.12	1
1,1,2-Trichloroethane	ND		ug/kg	0.89	0.24	1
Tetrachloroethene	33		ug/kg	0.45	0.18	1
Chlorobenzene	ND		ug/kg	0.45	0.11	1
Trichlorofluoromethane	ND		ug/kg	3.6	0.62	1
1,2-Dichloroethane	ND		ug/kg	0.89	0.23	1
1,1,1-Trichloroethane	ND		ug/kg	0.45	0.15	1
Bromodichloromethane	ND		ug/kg	0.45	0.10	1
trans-1,3-Dichloropropene	ND		ug/kg	0.89	0.24	1
cis-1,3-Dichloropropene	ND		ug/kg	0.45	0.14	1
1,3-Dichloropropene, Total	ND		ug/kg	0.45	0.14	1
1,1-Dichloropropene	ND		ug/kg	0.45	0.14	1
Bromoform	ND		ug/kg	3.6	0.22	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	0.45	0.15	1
Benzene	ND		ug/kg	0.45	0.15	1
Toluene	ND		ug/kg	0.89	0.48	1
Ethylbenzene	ND		ug/kg	0.89	0.12	1
Chloromethane	ND		ug/kg	3.6	0.83	1
Bromomethane	ND		ug/kg	1.8	0.52	1
Vinyl chloride	ND		ug/kg	0.89	0.30	1
Chloroethane	ND		ug/kg	1.8	0.40	1
1,1-Dichloroethene	ND		ug/kg	0.89	0.21	1
trans-1,2-Dichloroethene	ND		ug/kg	1.3	0.12	1

Project Name: 2925 WESTCHESTER AVE. **Lab Number:** L2008988

Project Number: 2925 WESTCHESTER A\ **Report Date:** 03/12/20

SAMPLE RESULTS

Lab ID: L2008988-18 Date Collected: 02/27/20 12:05

Client ID: SB-5-W2 (1-2) Date Received: 02/28/20

Sample Location: 2925 WESTCHESTER AVE. Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
Trichloroethene	8.9		ug/kg	0.45	0.12	1
1,2-Dichlorobenzene	ND		ug/kg	1.8	0.13	1
1,3-Dichlorobenzene	ND		ug/kg	1.8	0.13	1
1,4-Dichlorobenzene	ND		ug/kg	1.8	0.15	1
Methyl tert butyl ether	ND		ug/kg	1.8	0.18	1
p/m-Xylene	ND		ug/kg	1.8	0.50	1
o-Xylene	ND		ug/kg	0.89	0.26	1
Xylenes, Total	ND		ug/kg	0.89	0.26	1
cis-1,2-Dichloroethene	9.9		ug/kg	0.89	0.16	1
1,2-Dichloroethene, Total	9.9		ug/kg	0.89	0.12	1
Dibromomethane	ND		ug/kg	1.8	0.21	1
Styrene	ND		ug/kg	0.89	0.18	1
Dichlorodifluoromethane	ND		ug/kg	8.9	0.82	1
Acetone	ND		ug/kg	8.9	4.3	1
Carbon disulfide	ND		ug/kg	8.9	4.1	1
2-Butanone	ND		ug/kg	8.9	2.0	1
Vinyl acetate	ND		ug/kg	8.9	1.9	1
4-Methyl-2-pentanone	ND		ug/kg	8.9	1.1	1
1,2,3-Trichloropropane	ND		ug/kg	1.8	0.11	1
2-Hexanone	ND		ug/kg	8.9	1.0	1
Bromochloromethane	ND		ug/kg	1.8	0.18	1
2,2-Dichloropropane	ND		ug/kg	1.8	0.18	1
1,2-Dibromoethane	ND		ug/kg	0.89	0.25	1
1,3-Dichloropropane	ND		ug/kg	1.8	0.15	1
1,1,1,2-Tetrachloroethane	ND		ug/kg	0.45	0.12	1
Bromobenzene	ND		ug/kg	1.8	0.13	1
n-Butylbenzene	ND		ug/kg	0.89	0.15	1
sec-Butylbenzene	ND		ug/kg	0.89	0.13	1
tert-Butylbenzene	ND		ug/kg	1.8	0.10	1
o-Chlorotoluene	ND		ug/kg	1.8	0.17	1
p-Chlorotoluene	ND		ug/kg	1.8	0.10	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	2.7	0.89	1
Hexachlorobutadiene	ND		ug/kg	3.6	0.15	1
Isopropylbenzene	ND		ug/kg	0.89	0.10	1
p-Isopropyltoluene	ND		ug/kg	0.89	0.10	1
Naphthalene	ND		ug/kg	3.6	0.58	1
Acrylonitrile	ND		ug/kg	3.6	1.0	1

Project Name: 2925 WESTCHESTER AVE. **Lab Number:** L2008988

Project Number: 2925 WESTCHESTER A\ **Report Date:** 03/12/20

SAMPLE RESULTS

Lab ID: L2008988-18 Date Collected: 02/27/20 12:05

Client ID: SB-5-W2 (1-2) Date Received: 02/28/20

Sample Location: 2925 WESTCHESTER AVE. 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	0.89	0.15	1
1,2,3-Trichlorobenzene	ND		ug/kg	1.8	0.29	1
1,2,4-Trichlorobenzene	ND		ug/kg	1.8	0.24	1
1,3,5-Trimethylbenzene	ND		ug/kg	1.8	0.17	1
1,2,4-Trimethylbenzene	ND		ug/kg	1.8	0.30	1
1,4-Dioxane	ND		ug/kg	71	31.	1
p-Diethylbenzene	ND		ug/kg	1.8	0.16	1
p-Ethyltoluene	ND		ug/kg	1.8	0.34	1
1,2,4,5-Tetramethylbenzene	ND		ug/kg	1.8	0.17	1
Ethyl ether	ND		ug/kg	1.8	0.30	1
trans-1,4-Dichloro-2-butene	ND		ug/kg	4.5	1.3	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	113		70-130
Toluene-d8	80		70-130
4-Bromofluorobenzene	105		70-130
Dibromofluoromethane	104		70-130

Project Name: 2925 WESTCHESTER AVE. **Lab Number:** L2008988

Project Number: 2925 WESTCHESTER A\ **Report Date:** 03/12/20

SAMPLE RESULTS

Lab ID: L2008988-20
Client ID: SB-5-S (0-1)
Sample Location: 2925 WESTCHESTER AVE.

Date Collected: 02/27/20 12:20
Date Received: 02/28/20
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8260C
Analytical Date: 03/09/20 14:12
Analyst: JC
Percent Solids: 81%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 High - Westborough Lab						
Methylene chloride	ND		ug/kg	330	150	1
1,1-Dichloroethane	ND		ug/kg	67	9.7	1
Chloroform	ND		ug/kg	100	9.3	1
Carbon tetrachloride	ND		ug/kg	67	15.	1
1,2-Dichloropropane	ND		ug/kg	67	8.3	1
Dibromochloromethane	ND		ug/kg	67	9.3	1
1,1,2-Trichloroethane	ND		ug/kg	67	18.	1
Tetrachloroethene	1700		ug/kg	33	13.	1
Chlorobenzene	ND		ug/kg	33	8.5	1
Trichlorofluoromethane	ND		ug/kg	270	46.	1
1,2-Dichloroethane	ND		ug/kg	67	17.	1
1,1,1-Trichloroethane	ND		ug/kg	33	11.	1
Bromodichloromethane	ND		ug/kg	33	7.3	1
trans-1,3-Dichloropropene	ND		ug/kg	67	18.	1
cis-1,3-Dichloropropene	ND		ug/kg	33	10.	1
1,3-Dichloropropene, Total	ND		ug/kg	33	10.	1
1,1-Dichloropropene	ND		ug/kg	33	10.	1
Bromoform	ND		ug/kg	270	16.	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	33	11.	1
Benzene	ND		ug/kg	33	11.	1
Toluene	ND		ug/kg	67	36.	1
Ethylbenzene	ND		ug/kg	67	9.4	1
Chloromethane	ND		ug/kg	270	62.	1
Bromomethane	ND		ug/kg	130	39.	1
Vinyl chloride	250		ug/kg	67	22.	1
Chloroethane	ND		ug/kg	130	30.	1
1,1-Dichloroethene	ND		ug/kg	67	16.	1
trans-1,2-Dichloroethene	170		ug/kg	100	9.1	1

Project Name: 2925 WESTCHESTER AVE. **Lab Number:** L2008988

Project Number: 2925 WESTCHESTER A\ **Report Date:** 03/12/20

SAMPLE RESULTS

Lab ID: L2008988-20 Date Collected: 02/27/20 12:20

Client ID: SB-5-S (0-1) Date Received: 02/28/20

Sample Location: 2925 WESTCHESTER AVE. Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 High - Westborough Lab						
Trichloroethene	1300		ug/kg	33	9.1	1
1,2-Dichlorobenzene	ND		ug/kg	130	9.6	1
1,3-Dichlorobenzene	ND		ug/kg	130	9.9	1
1,4-Dichlorobenzene	ND		ug/kg	130	11.	1
Methyl tert butyl ether	ND		ug/kg	130	13.	1
p/m-Xylene	ND		ug/kg	130	37.	1
o-Xylene	ND		ug/kg	67	19.	1
Xylenes, Total	ND		ug/kg	67	19.	1
cis-1,2-Dichloroethene	15000		ug/kg	67	12.	1
1,2-Dichloroethene, Total	15000		ug/kg	67	9.1	1
Dibromomethane	ND		ug/kg	130	16.	1
Styrene	ND		ug/kg	67	13.	1
Dichlorodifluoromethane	ND		ug/kg	670	61.	1
Acetone	ND		ug/kg	670	320	1
Carbon disulfide	ND		ug/kg	670	300	1
2-Butanone	ND		ug/kg	670	150	1
Vinyl acetate	ND		ug/kg	670	140	1
4-Methyl-2-pentanone	ND		ug/kg	670	85.	1
1,2,3-Trichloropropane	ND		ug/kg	130	8.5	1
2-Hexanone	ND		ug/kg	670	79.	1
Bromochloromethane	ND		ug/kg	130	14.	1
2,2-Dichloropropane	ND		ug/kg	130	13.	1
1,2-Dibromoethane	ND		ug/kg	67	18.	1
1,3-Dichloropropane	ND		ug/kg	130	11.	1
1,1,1,2-Tetrachloroethane	ND		ug/kg	33	8.8	1
Bromobenzene	ND		ug/kg	130	9.7	1
n-Butylbenzene	ND		ug/kg	67	11.	1
sec-Butylbenzene	ND		ug/kg	67	9.7	1
tert-Butylbenzene	ND		ug/kg	130	7.9	1
o-Chlorotoluene	ND		ug/kg	130	13.	1
p-Chlorotoluene	ND		ug/kg	130	7.2	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	200	66.	1
Hexachlorobutadiene	ND		ug/kg	270	11.	1
Isopropylbenzene	ND		ug/kg	67	7.3	1
p-Isopropyltoluene	ND		ug/kg	67	7.3	1
Naphthalene	ND		ug/kg	270	43.	1
Acrylonitrile	ND		ug/kg	270	77.	1

Project Name: 2925 WESTCHESTER AVE. **Lab Number:** L2008988

Project Number: 2925 WESTCHESTER A\ **Report Date:** 03/12/20

SAMPLE RESULTS

Lab ID: L2008988-20 Date Collected: 02/27/20 12:20

Client ID: SB-5-S (0-1) Date Received: 02/28/20

Sample Location: 2925 WESTCHESTER AVE. Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 High - Westborough Lab						
n-Propylbenzene	ND		ug/kg	67	11.	1
1,2,3-Trichlorobenzene	ND		ug/kg	130	21.	1
1,2,4-Trichlorobenzene	ND		ug/kg	130	18.	1
1,3,5-Trimethylbenzene	ND		ug/kg	130	13.	1
1,2,4-Trimethylbenzene	ND		ug/kg	130	22.	1
1,4-Dioxane	ND		ug/kg	5300	2300	1
p-Diethylbenzene	ND		ug/kg	130	12.	1
p-Ethyltoluene	ND		ug/kg	130	26.	1
1,2,4,5-Tetramethylbenzene	ND		ug/kg	130	13.	1
Ethyl ether	ND		ug/kg	130	23.	1
trans-1,4-Dichloro-2-butene	ND		ug/kg	330	95.	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	95		70-130
Toluene-d8	100		70-130
4-Bromofluorobenzene	97		70-130
Dibromofluoromethane	99		70-130

Project Name: 2925 WESTCHESTER AVE. **Lab Number:** L2008988

Project Number: 2925 WESTCHESTER A\ **Report Date:** 03/12/20

SAMPLE RESULTS

Lab ID: L2008988-21
Client ID: SB-5-S (1-2)
Sample Location: 2925 WESTCHESTER AVE.

Date Collected: 02/27/20 12:25
Date Received: 02/28/20
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8260C
Analytical Date: 03/11/20 12:48
Analyst: AD
Percent Solids: 92%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
Methylene chloride	ND		ug/kg	4.5	2.0	1
1,1-Dichloroethane	ND		ug/kg	0.90	0.13	1
Chloroform	ND		ug/kg	1.3	0.12	1
Carbon tetrachloride	ND		ug/kg	0.90	0.21	1
1,2-Dichloropropane	ND		ug/kg	0.90	0.11	1
Dibromochloromethane	ND		ug/kg	0.90	0.12	1
1,1,2-Trichloroethane	ND		ug/kg	0.90	0.24	1
Tetrachloroethene	1.4		ug/kg	0.45	0.18	1
Chlorobenzene	ND		ug/kg	0.45	0.11	1
Trichlorofluoromethane	ND		ug/kg	3.6	0.62	1
1,2-Dichloroethane	ND		ug/kg	0.90	0.23	1
1,1,1-Trichloroethane	ND		ug/kg	0.45	0.15	1
Bromodichloromethane	ND		ug/kg	0.45	0.10	1
trans-1,3-Dichloropropene	ND		ug/kg	0.90	0.24	1
cis-1,3-Dichloropropene	ND		ug/kg	0.45	0.14	1
1,3-Dichloropropene, Total	ND		ug/kg	0.45	0.14	1
1,1-Dichloropropene	ND		ug/kg	0.45	0.14	1
Bromoform	ND		ug/kg	3.6	0.22	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	0.45	0.15	1
Benzene	ND		ug/kg	0.45	0.15	1
Toluene	ND		ug/kg	0.90	0.49	1
Ethylbenzene	ND		ug/kg	0.90	0.13	1
Chloromethane	ND		ug/kg	3.6	0.84	1
Bromomethane	ND		ug/kg	1.8	0.52	1
Vinyl chloride	1.5		ug/kg	0.90	0.30	1
Chloroethane	ND		ug/kg	1.8	0.41	1
1,1-Dichloroethene	ND		ug/kg	0.90	0.21	1
trans-1,2-Dichloroethene	ND		ug/kg	1.3	0.12	1

Project Name: 2925 WESTCHESTER AVE. **Lab Number:** L2008988

Project Number: 2925 WESTCHESTER A\ **Report Date:** 03/12/20

SAMPLE RESULTS

Lab ID: L2008988-21 Date Collected: 02/27/20 12:25

Client ID: SB-5-S (1-2) Date Received: 02/28/20

Sample Location: 2925 WESTCHESTER AVE. Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
Trichloroethene	0.25	J	ug/kg	0.45	0.12	1
1,2-Dichlorobenzene	ND		ug/kg	1.8	0.13	1
1,3-Dichlorobenzene	ND		ug/kg	1.8	0.13	1
1,4-Dichlorobenzene	ND		ug/kg	1.8	0.15	1
Methyl tert butyl ether	ND		ug/kg	1.8	0.18	1
p/m-Xylene	ND		ug/kg	1.8	0.50	1
o-Xylene	ND		ug/kg	0.90	0.26	1
Xylenes, Total	ND		ug/kg	0.90	0.26	1
cis-1,2-Dichloroethene	21		ug/kg	0.90	0.16	1
1,2-Dichloroethene, Total	21		ug/kg	0.90	0.12	1
Dibromomethane	ND		ug/kg	1.8	0.21	1
Styrene	ND		ug/kg	0.90	0.18	1
Dichlorodifluoromethane	ND		ug/kg	9.0	0.82	1
Acetone	ND		ug/kg	9.0	4.3	1
Carbon disulfide	ND		ug/kg	9.0	4.1	1
2-Butanone	ND		ug/kg	9.0	2.0	1
Vinyl acetate	ND		ug/kg	9.0	1.9	1
4-Methyl-2-pentanone	ND		ug/kg	9.0	1.1	1
1,2,3-Trichloropropane	ND		ug/kg	1.8	0.11	1
2-Hexanone	ND		ug/kg	9.0	1.1	1
Bromochloromethane	ND		ug/kg	1.8	0.18	1
2,2-Dichloropropane	ND		ug/kg	1.8	0.18	1
1,2-Dibromoethane	ND		ug/kg	0.90	0.25	1
1,3-Dichloropropane	ND		ug/kg	1.8	0.15	1
1,1,1,2-Tetrachloroethane	ND		ug/kg	0.45	0.12	1
Bromobenzene	ND		ug/kg	1.8	0.13	1
n-Butylbenzene	ND		ug/kg	0.90	0.15	1
sec-Butylbenzene	ND		ug/kg	0.90	0.13	1
tert-Butylbenzene	ND		ug/kg	1.8	0.11	1
o-Chlorotoluene	ND		ug/kg	1.8	0.17	1
p-Chlorotoluene	ND		ug/kg	1.8	0.10	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	2.7	0.90	1
Hexachlorobutadiene	ND		ug/kg	3.6	0.15	1
Isopropylbenzene	ND		ug/kg	0.90	0.10	1
p-Isopropyltoluene	ND		ug/kg	0.90	0.10	1
Naphthalene	ND		ug/kg	3.6	0.58	1
Acrylonitrile	ND		ug/kg	3.6	1.0	1

Project Name: 2925 WESTCHESTER AVE. **Lab Number:** L2008988

Project Number: 2925 WESTCHESTER A\ **Report Date:** 03/12/20

SAMPLE RESULTS

Lab ID: L2008988-21 Date Collected: 02/27/20 12:25

Client ID: SB-5-S (1-2) Date Received: 02/28/20

Sample Location: 2925 WESTCHESTER AVE. 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	0.90	0.15	1
1,2,3-Trichlorobenzene	ND		ug/kg	1.8	0.29	1
1,2,4-Trichlorobenzene	ND		ug/kg	1.8	0.24	1
1,3,5-Trimethylbenzene	ND		ug/kg	1.8	0.17	1
1,2,4-Trimethylbenzene	ND		ug/kg	1.8	0.30	1
1,4-Dioxane	ND		ug/kg	72	32.	1
p-Diethylbenzene	ND		ug/kg	1.8	0.16	1
p-Ethyltoluene	ND		ug/kg	1.8	0.34	1
1,2,4,5-Tetramethylbenzene	ND		ug/kg	1.8	0.17	1
Ethyl ether	ND		ug/kg	1.8	0.31	1
trans-1,4-Dichloro-2-butene	ND		ug/kg	4.5	1.3	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	104		70-130
Toluene-d8	101		70-130
4-Bromofluorobenzene	95		70-130
Dibromofluoromethane	94		70-130

Project Name: 2925 WESTCHESTER AVE. **Lab Number:** L2008988

Project Number: 2925 WESTCHESTER A\ **Report Date:** 03/12/20

SAMPLE RESULTS

Lab ID: L2008988-22
Client ID: SB-5-S (2-3)
Sample Location: 2925 WESTCHESTER AVE.

Date Collected: 02/27/20 12:30
Date Received: 02/28/20
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8260C
Analytical Date: 03/11/20 13:14
Analyst: AD
Percent Solids: 92%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
Methylene chloride	ND		ug/kg	4.5	2.1	1
1,1-Dichloroethane	ND		ug/kg	0.91	0.13	1
Chloroform	ND		ug/kg	1.4	0.13	1
Carbon tetrachloride	ND		ug/kg	0.91	0.21	1
1,2-Dichloropropane	ND		ug/kg	0.91	0.11	1
Dibromochloromethane	ND		ug/kg	0.91	0.13	1
1,1,2-Trichloroethane	ND		ug/kg	0.91	0.24	1
Tetrachloroethene	ND		ug/kg	0.45	0.18	1
Chlorobenzene	ND		ug/kg	0.45	0.12	1
Trichlorofluoromethane	ND		ug/kg	3.6	0.63	1
1,2-Dichloroethane	ND		ug/kg	0.91	0.23	1
1,1,1-Trichloroethane	ND		ug/kg	0.45	0.15	1
Bromodichloromethane	ND		ug/kg	0.45	0.10	1
trans-1,3-Dichloropropene	ND		ug/kg	0.91	0.25	1
cis-1,3-Dichloropropene	ND		ug/kg	0.45	0.14	1
1,3-Dichloropropene, Total	ND		ug/kg	0.45	0.14	1
1,1-Dichloropropene	ND		ug/kg	0.45	0.14	1
Bromoform	ND		ug/kg	3.6	0.22	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	0.45	0.15	1
Benzene	ND		ug/kg	0.45	0.15	1
Toluene	ND		ug/kg	0.91	0.49	1
Ethylbenzene	ND		ug/kg	0.91	0.13	1
Chloromethane	ND		ug/kg	3.6	0.84	1
Bromomethane	ND		ug/kg	1.8	0.53	1
Vinyl chloride	0.42	J	ug/kg	0.91	0.30	1
Chloroethane	ND		ug/kg	1.8	0.41	1
1,1-Dichloroethene	ND		ug/kg	0.91	0.22	1
trans-1,2-Dichloroethene	ND		ug/kg	1.4	0.12	1

Project Name: 2925 WESTCHESTER AVE. **Lab Number:** L2008988

Project Number: 2925 WESTCHESTER A\ **Report Date:** 03/12/20

SAMPLE RESULTS

Lab ID: L2008988-22 Date Collected: 02/27/20 12:30

Client ID: SB-5-S (2-3) Date Received: 02/28/20

Sample Location: 2925 WESTCHESTER AVE. 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	0.45	0.12	1
1,2-Dichlorobenzene	ND		ug/kg	1.8	0.13	1
1,3-Dichlorobenzene	ND		ug/kg	1.8	0.13	1
1,4-Dichlorobenzene	ND		ug/kg	1.8	0.15	1
Methyl tert butyl ether	ND		ug/kg	1.8	0.18	1
p/m-Xylene	ND		ug/kg	1.8	0.51	1
o-Xylene	ND		ug/kg	0.91	0.26	1
Xylenes, Total	ND		ug/kg	0.91	0.26	1
cis-1,2-Dichloroethene	7.4		ug/kg	0.91	0.16	1
1,2-Dichloroethene, Total	7.4		ug/kg	0.91	0.12	1
Dibromomethane	ND		ug/kg	1.8	0.22	1
Styrene	ND		ug/kg	0.91	0.18	1
Dichlorodifluoromethane	ND		ug/kg	9.1	0.83	1
Acetone	ND		ug/kg	9.1	4.4	1
Carbon disulfide	ND		ug/kg	9.1	4.1	1
2-Butanone	ND		ug/kg	9.1	2.0	1
Vinyl acetate	ND		ug/kg	9.1	1.9	1
4-Methyl-2-pentanone	ND		ug/kg	9.1	1.2	1
1,2,3-Trichloropropane	ND		ug/kg	1.8	0.12	1
2-Hexanone	ND		ug/kg	9.1	1.1	1
Bromochloromethane	ND		ug/kg	1.8	0.18	1
2,2-Dichloropropane	ND		ug/kg	1.8	0.18	1
1,2-Dibromoethane	ND		ug/kg	0.91	0.25	1
1,3-Dichloropropane	ND		ug/kg	1.8	0.15	1
1,1,1,2-Tetrachloroethane	ND		ug/kg	0.45	0.12	1
Bromobenzene	ND		ug/kg	1.8	0.13	1
n-Butylbenzene	ND		ug/kg	0.91	0.15	1
sec-Butylbenzene	ND		ug/kg	0.91	0.13	1
tert-Butylbenzene	ND		ug/kg	1.8	0.11	1
o-Chlorotoluene	ND		ug/kg	1.8	0.17	1
p-Chlorotoluene	ND		ug/kg	1.8	0.10	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	2.7	0.90	1
Hexachlorobutadiene	ND		ug/kg	3.6	0.15	1
Isopropylbenzene	ND		ug/kg	0.91	0.10	1
p-Isopropyltoluene	ND		ug/kg	0.91	0.10	1
Naphthalene	ND		ug/kg	3.6	0.59	1
Acrylonitrile	ND		ug/kg	3.6	1.0	1

Project Name: 2925 WESTCHESTER AVE. **Lab Number:** L2008988

Project Number: 2925 WESTCHESTER A\ **Report Date:** 03/12/20

SAMPLE RESULTS

Lab ID: L2008988-22 Date Collected: 02/27/20 12:30

Client ID: SB-5-S (2-3) Date Received: 02/28/20

Sample Location: 2925 WESTCHESTER AVE. 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	0.91	0.15	1
1,2,3-Trichlorobenzene	ND		ug/kg	1.8	0.29	1
1,2,4-Trichlorobenzene	ND		ug/kg	1.8	0.25	1
1,3,5-Trimethylbenzene	ND		ug/kg	1.8	0.17	1
1,2,4-Trimethylbenzene	ND		ug/kg	1.8	0.30	1
1,4-Dioxane	ND		ug/kg	72	32.	1
p-Diethylbenzene	ND		ug/kg	1.8	0.16	1
p-Ethyltoluene	ND		ug/kg	1.8	0.35	1
1,2,4,5-Tetramethylbenzene	ND		ug/kg	1.8	0.17	1
Ethyl ether	ND		ug/kg	1.8	0.31	1
trans-1,4-Dichloro-2-butene	ND		ug/kg	4.5	1.3	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	98		70-130
Toluene-d8	99		70-130
4-Bromofluorobenzene	104		70-130
Dibromofluoromethane	101		70-130

Project Name: 2925 WESTCHESTER AVE. **Lab Number:** L2008988

Project Number: 2925 WESTCHESTER AVE **Report Date:** 03/12/20

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260C
Analytical Date: 03/04/20 19:19
Analyst: AD

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 02-04 Batch: WG1347469-5					
Methylene chloride	ND		ug/kg	5.0	2.3
1,1-Dichloroethane	ND		ug/kg	1.0	0.14
Chloroform	0.14	J	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	0.64	J	ug/kg	2.0	0.58
Vinyl chloride	ND		ug/kg	1.0	0.34
Chloroethane	ND		ug/kg	2.0	0.45
1,1-Dichloroethene	ND		ug/kg	1.0	0.24
trans-1,2-Dichloroethene	ND		ug/kg	1.5	0.14
Trichloroethene	ND		ug/kg	0.50	0.14

Project Name: 2925 WESTCHESTER AVE. **Lab Number:** L2008988

Project Number: 2925 WESTCHESTER AVE **Report Date:** 03/12/20

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260C
Analytical Date: 03/04/20 19:19
Analyst: AD

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 02-04 Batch: WG1347469-5					
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	ND		ug/kg	1.0	0.20
Dichlorodifluoromethane	ND		ug/kg	10	0.92
Acetone	ND		ug/kg	10	4.8
Carbon disulfide	ND		ug/kg	10	4.6
2-Butanone	ND		ug/kg	10	2.2
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: 2925 WESTCHESTER AVE. **Lab Number:** L2008988

Project Number: 2925 WESTCHESTER AVE **Report Date:** 03/12/20

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260C
Analytical Date: 03/04/20 19:19
Analyst: AD

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 02-04 Batch: WG1347469-5					
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

Surrogate	%Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	110		70-130
Toluene-d8	110		70-130
4-Bromofluorobenzene	110		70-130
Dibromofluoromethane	101		70-130

Project Name: 2925 WESTCHESTER AVE. **Lab Number:** L2008988

Project Number: 2925 WESTCHESTER AVE **Report Date:** 03/12/20

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260C
Analytical Date: 03/05/20 07:09
Analyst: MV

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by EPA 5035 High - Westborough Lab for sample(s): 01 Batch: WG1347589-5					
Methylene chloride	ND		ug/kg	250	110
1,1-Dichloroethane	ND		ug/kg	50	7.2
Chloroform	ND		ug/kg	75	7.0
Carbon tetrachloride	ND		ug/kg	50	12.
1,2-Dichloropropane	ND		ug/kg	50	6.2
Dibromochloromethane	ND		ug/kg	50	7.0
1,1,2-Trichloroethane	ND		ug/kg	50	13.
Tetrachloroethene	ND		ug/kg	25	9.8
Chlorobenzene	ND		ug/kg	25	6.4
Trichlorofluoromethane	ND		ug/kg	200	35.
1,2-Dichloroethane	ND		ug/kg	50	13.
1,1,1-Trichloroethane	ND		ug/kg	25	8.4
Bromodichloromethane	ND		ug/kg	25	5.4
trans-1,3-Dichloropropene	ND		ug/kg	50	14.
cis-1,3-Dichloropropene	ND		ug/kg	25	7.9
1,3-Dichloropropene, Total	ND		ug/kg	25	7.9
1,1-Dichloropropene	ND		ug/kg	25	8.0
Bromoform	ND		ug/kg	200	12.
1,1,2,2-Tetrachloroethane	ND		ug/kg	25	8.3
Benzene	ND		ug/kg	25	8.3
Toluene	ND		ug/kg	50	27.
Ethylbenzene	ND		ug/kg	50	7.0
Chloromethane	ND		ug/kg	200	47.
Bromomethane	ND		ug/kg	100	29.
Vinyl chloride	ND		ug/kg	50	17.
Chloroethane	ND		ug/kg	100	23.
1,1-Dichloroethene	ND		ug/kg	50	12.
trans-1,2-Dichloroethene	ND		ug/kg	75	6.8
Trichloroethene	ND		ug/kg	25	6.8

Project Name: 2925 WESTCHESTER AVE. **Lab Number:** L2008988

Project Number: 2925 WESTCHESTER AVE **Report Date:** 03/12/20

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260C
Analytical Date: 03/05/20 07:09
Analyst: MV

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by EPA 5035 High - Westborough Lab for sample(s): 01 Batch: WG1347589-5					
1,2-Dichlorobenzene	ND		ug/kg	100	7.2
1,3-Dichlorobenzene	ND		ug/kg	100	7.4
1,4-Dichlorobenzene	ND		ug/kg	100	8.6
Methyl tert butyl ether	ND		ug/kg	100	10.
p/m-Xylene	ND		ug/kg	100	28.
o-Xylene	ND		ug/kg	50	14.
Xylenes, Total	ND		ug/kg	50	14.
cis-1,2-Dichloroethene	ND		ug/kg	50	8.8
1,2-Dichloroethene, Total	ND		ug/kg	50	6.8
Dibromomethane	ND		ug/kg	100	12.
Styrene	ND		ug/kg	50	9.8
Dichlorodifluoromethane	ND		ug/kg	500	46.
Acetone	ND		ug/kg	500	240
Carbon disulfide	ND		ug/kg	500	230
2-Butanone	ND		ug/kg	500	110
Vinyl acetate	ND		ug/kg	500	110
4-Methyl-2-pentanone	ND		ug/kg	500	64.
1,2,3-Trichloropropane	ND		ug/kg	100	6.4
2-Hexanone	ND		ug/kg	500	59.
Bromochloromethane	ND		ug/kg	100	10.
2,2-Dichloropropane	ND		ug/kg	100	10.
1,2-Dibromoethane	ND		ug/kg	50	14.
1,3-Dichloropropane	ND		ug/kg	100	8.4
1,1,1,2-Tetrachloroethane	ND		ug/kg	25	6.6
Bromobenzene	ND		ug/kg	100	7.2
n-Butylbenzene	ND		ug/kg	50	8.4
sec-Butylbenzene	ND		ug/kg	50	7.3
tert-Butylbenzene	ND		ug/kg	100	5.9
o-Chlorotoluene	ND		ug/kg	100	9.6

Project Name: 2925 WESTCHESTER AVE. **Lab Number:** L2008988

Project Number: 2925 WESTCHESTER AVE **Report Date:** 03/12/20

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260C
Analytical Date: 03/05/20 07:09
Analyst: MV

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by EPA 5035 High - Westborough Lab for sample(s): 01 Batch: WG1347589-5					
p-Chlorotoluene	ND		ug/kg	100	5.4
1,2-Dibromo-3-chloropropane	ND		ug/kg	150	50.
Hexachlorobutadiene	ND		ug/kg	200	8.4
Isopropylbenzene	ND		ug/kg	50	5.4
p-Isopropyltoluene	ND		ug/kg	50	5.4
Naphthalene	ND		ug/kg	200	32.
Acrylonitrile	ND		ug/kg	200	58.
n-Propylbenzene	ND		ug/kg	50	8.6
1,2,3-Trichlorobenzene	ND		ug/kg	100	16.
1,2,4-Trichlorobenzene	ND		ug/kg	100	14.
1,3,5-Trimethylbenzene	ND		ug/kg	100	9.6
1,2,4-Trimethylbenzene	ND		ug/kg	100	17.
1,4-Dioxane	ND		ug/kg	4000	1800
p-Diethylbenzene	ND		ug/kg	100	8.8
p-Ethyltoluene	ND		ug/kg	100	19.
1,2,4,5-Tetramethylbenzene	ND		ug/kg	100	9.6
Ethyl ether	ND		ug/kg	100	17.
trans-1,4-Dichloro-2-butene	ND		ug/kg	250	71.

Surrogate	%Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	94		70-130
Toluene-d8	93		70-130
4-Bromofluorobenzene	98		70-130
Dibromofluoromethane	100		70-130

Project Name: 2925 WESTCHESTER AVE. **Lab Number:** L2008988

Project Number: 2925 WESTCHESTER AVE **Report Date:** 03/12/20

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260C
Analytical Date: 03/08/20 11:36
Analyst: AD

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by EPA 5035 Low - Westborough Lab for sample(s): 11 Batch: WG1348809-5					
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: 2925 WESTCHESTER AVE. **Lab Number:** L2008988

Project Number: 2925 WESTCHESTER AVE **Report Date:** 03/12/20

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260C
Analytical Date: 03/08/20 11:36
Analyst: AD

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by EPA 5035 Low - Westborough Lab for sample(s): 11 Batch: WG1348809-5					
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	0.20	J	ug/kg	2.0	0.20
p/m-Xylene	ND		ug/kg	2.0	0.56
o-Xylene	ND		ug/kg	1.0	0.29
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	ND		ug/kg	1.0	0.20
Dichlorodifluoromethane	ND		ug/kg	10	0.92
Acetone	ND		ug/kg	10	4.8
Carbon disulfide	ND		ug/kg	10	4.6
2-Butanone	ND		ug/kg	10	2.2
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: 2925 WESTCHESTER AVE. **Lab Number:** L2008988

Project Number: 2925 WESTCHESTER AVE **Report Date:** 03/12/20

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260C
Analytical Date: 03/08/20 11:36
Analyst: AD

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by EPA 5035 Low - Westborough Lab for sample(s): 11 Batch: WG1348809-5					
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

Surrogate	%Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	93		70-130
Toluene-d8	92		70-130
4-Bromofluorobenzene	96		70-130
Dibromofluoromethane	103		70-130

Project Name: 2925 WESTCHESTER AVE. **Lab Number:** L2008988

Project Number: 2925 WESTCHESTER AVE **Report Date:** 03/12/20

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260C
Analytical Date: 03/08/20 11:36
Analyst: AD

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by EPA 5035 High - Westborough Lab for sample(s): 05,08 Batch: WG1348811-5					
Methylene chloride	ND		ug/kg	250	110
1,1-Dichloroethane	ND		ug/kg	50	7.2
Chloroform	ND		ug/kg	75	7.0
Carbon tetrachloride	ND		ug/kg	50	12.
1,2-Dichloropropane	ND		ug/kg	50	6.2
Dibromochloromethane	ND		ug/kg	50	7.0
1,1,2-Trichloroethane	ND		ug/kg	50	13.
Tetrachloroethene	ND		ug/kg	25	9.8
Chlorobenzene	ND		ug/kg	25	6.4
Trichlorofluoromethane	ND		ug/kg	200	35.
1,2-Dichloroethane	ND		ug/kg	50	13.
1,1,1-Trichloroethane	ND		ug/kg	25	8.4
Bromodichloromethane	ND		ug/kg	25	5.4
trans-1,3-Dichloropropene	ND		ug/kg	50	14.
cis-1,3-Dichloropropene	ND		ug/kg	25	7.9
1,3-Dichloropropene, Total	ND		ug/kg	25	7.9
1,1-Dichloropropene	ND		ug/kg	25	8.0
Bromoform	ND		ug/kg	200	12.
1,1,2,2-Tetrachloroethane	ND		ug/kg	25	8.3
Benzene	ND		ug/kg	25	8.3
Toluene	ND		ug/kg	50	27.
Ethylbenzene	ND		ug/kg	50	7.0
Chloromethane	ND		ug/kg	200	47.
Bromomethane	ND		ug/kg	100	29.
Vinyl chloride	ND		ug/kg	50	17.
Chloroethane	ND		ug/kg	100	23.
1,1-Dichloroethene	ND		ug/kg	50	12.
trans-1,2-Dichloroethene	ND		ug/kg	75	6.8
Trichloroethene	ND		ug/kg	25	6.8

Project Name: 2925 WESTCHESTER AVE. **Lab Number:** L2008988

Project Number: 2925 WESTCHESTER AVE **Report Date:** 03/12/20

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260C
Analytical Date: 03/08/20 11:36
Analyst: AD

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by EPA 5035 High - Westborough Lab for sample(s): 05,08 Batch: WG1348811-5					
1,2-Dichlorobenzene	ND		ug/kg	100	7.2
1,3-Dichlorobenzene	ND		ug/kg	100	7.4
1,4-Dichlorobenzene	ND		ug/kg	100	8.6
Methyl tert butyl ether	10	J	ug/kg	100	10.
p/m-Xylene	ND		ug/kg	100	28.
o-Xylene	ND		ug/kg	50	14.
Xylenes, Total	ND		ug/kg	50	14.
cis-1,2-Dichloroethene	ND		ug/kg	50	8.8
1,2-Dichloroethene, Total	ND		ug/kg	50	6.8
Dibromomethane	ND		ug/kg	100	12.
Styrene	ND		ug/kg	50	9.8
Dichlorodifluoromethane	ND		ug/kg	500	46.
Acetone	ND		ug/kg	500	240
Carbon disulfide	ND		ug/kg	500	230
2-Butanone	ND		ug/kg	500	110
Vinyl acetate	ND		ug/kg	500	110
4-Methyl-2-pentanone	ND		ug/kg	500	64.
1,2,3-Trichloropropane	ND		ug/kg	100	6.4
2-Hexanone	ND		ug/kg	500	59.
Bromochloromethane	ND		ug/kg	100	10.
2,2-Dichloropropane	ND		ug/kg	100	10.
1,2-Dibromoethane	ND		ug/kg	50	14.
1,3-Dichloropropane	ND		ug/kg	100	8.4
1,1,1,2-Tetrachloroethane	ND		ug/kg	25	6.6
Bromobenzene	ND		ug/kg	100	7.2
n-Butylbenzene	ND		ug/kg	50	8.4
sec-Butylbenzene	ND		ug/kg	50	7.3
tert-Butylbenzene	ND		ug/kg	100	5.9
o-Chlorotoluene	ND		ug/kg	100	9.6

Project Name: 2925 WESTCHESTER AVE. **Lab Number:** L2008988

Project Number: 2925 WESTCHESTER AVE **Report Date:** 03/12/20

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260C
Analytical Date: 03/08/20 11:36
Analyst: AD

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by EPA 5035 High - Westborough Lab for sample(s): 05,08 Batch: WG1348811-5					
p-Chlorotoluene	ND		ug/kg	100	5.4
1,2-Dibromo-3-chloropropane	ND		ug/kg	150	50.
Hexachlorobutadiene	ND		ug/kg	200	8.4
Isopropylbenzene	ND		ug/kg	50	5.4
p-Isopropyltoluene	ND		ug/kg	50	5.4
Naphthalene	ND		ug/kg	200	32.
Acrylonitrile	ND		ug/kg	200	58.
n-Propylbenzene	ND		ug/kg	50	8.6
1,2,3-Trichlorobenzene	ND		ug/kg	100	16.
1,2,4-Trichlorobenzene	ND		ug/kg	100	14.
1,3,5-Trimethylbenzene	ND		ug/kg	100	9.6
1,2,4-Trimethylbenzene	ND		ug/kg	100	17.
1,4-Dioxane	ND		ug/kg	4000	1800
p-Diethylbenzene	ND		ug/kg	100	8.8
p-Ethyltoluene	ND		ug/kg	100	19.
1,2,4,5-Tetramethylbenzene	ND		ug/kg	100	9.6
Ethyl ether	ND		ug/kg	100	17.
trans-1,4-Dichloro-2-butene	ND		ug/kg	250	71.

Surrogate	%Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	93		70-130
Toluene-d8	92		70-130
4-Bromofluorobenzene	96		70-130
Dibromofluoromethane	103		70-130

Project Name: 2925 WESTCHESTER AVE. **Lab Number:** L2008988

Project Number: 2925 WESTCHESTER AVE **Report Date:** 03/12/20

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260C
Analytical Date: 03/09/20 06:24
Analyst: MV

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by EPA 5035 High - Westborough Lab for sample(s): 20 Batch: WG1348968-5					
Methylene chloride	ND		ug/kg	250	110
1,1-Dichloroethane	ND		ug/kg	50	7.2
Chloroform	ND		ug/kg	75	7.0
Carbon tetrachloride	ND		ug/kg	50	12.
1,2-Dichloropropane	ND		ug/kg	50	6.2
Dibromochloromethane	ND		ug/kg	50	7.0
1,1,2-Trichloroethane	ND		ug/kg	50	13.
Tetrachloroethene	ND		ug/kg	25	9.8
Chlorobenzene	ND		ug/kg	25	6.4
Trichlorofluoromethane	ND		ug/kg	200	35.
1,2-Dichloroethane	ND		ug/kg	50	13.
1,1,1-Trichloroethane	ND		ug/kg	25	8.4
Bromodichloromethane	ND		ug/kg	25	5.4
trans-1,3-Dichloropropene	ND		ug/kg	50	14.
cis-1,3-Dichloropropene	ND		ug/kg	25	7.9
1,3-Dichloropropene, Total	ND		ug/kg	25	7.9
1,1-Dichloropropene	ND		ug/kg	25	8.0
Bromoform	ND		ug/kg	200	12.
1,1,2,2-Tetrachloroethane	ND		ug/kg	25	8.3
Benzene	ND		ug/kg	25	8.3
Toluene	ND		ug/kg	50	27.
Ethylbenzene	ND		ug/kg	50	7.0
Chloromethane	ND		ug/kg	200	47.
Bromomethane	ND		ug/kg	100	29.
Vinyl chloride	ND		ug/kg	50	17.
Chloroethane	ND		ug/kg	100	23.
1,1-Dichloroethene	ND		ug/kg	50	12.
trans-1,2-Dichloroethene	ND		ug/kg	75	6.8
Trichloroethene	ND		ug/kg	25	6.8

Project Name: 2925 WESTCHESTER AVE. **Lab Number:** L2008988

Project Number: 2925 WESTCHESTER AVE **Report Date:** 03/12/20

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260C
Analytical Date: 03/09/20 06:24
Analyst: MV

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by EPA 5035 High - Westborough Lab for sample(s): 20 Batch: WG1348968-5					
1,2-Dichlorobenzene	ND		ug/kg	100	7.2
1,3-Dichlorobenzene	ND		ug/kg	100	7.4
1,4-Dichlorobenzene	ND		ug/kg	100	8.6
Methyl tert butyl ether	ND		ug/kg	100	10.
p/m-Xylene	ND		ug/kg	100	28.
o-Xylene	ND		ug/kg	50	14.
Xylenes, Total	ND		ug/kg	50	14.
cis-1,2-Dichloroethene	ND		ug/kg	50	8.8
1,2-Dichloroethene, Total	ND		ug/kg	50	6.8
Dibromomethane	ND		ug/kg	100	12.
Styrene	ND		ug/kg	50	9.8
Dichlorodifluoromethane	ND		ug/kg	500	46.
Acetone	ND		ug/kg	500	240
Carbon disulfide	ND		ug/kg	500	230
2-Butanone	ND		ug/kg	500	110
Vinyl acetate	ND		ug/kg	500	110
4-Methyl-2-pentanone	ND		ug/kg	500	64.
1,2,3-Trichloropropane	ND		ug/kg	100	6.4
2-Hexanone	ND		ug/kg	500	59.
Bromochloromethane	ND		ug/kg	100	10.
2,2-Dichloropropane	ND		ug/kg	100	10.
1,2-Dibromoethane	ND		ug/kg	50	14.
1,3-Dichloropropane	ND		ug/kg	100	8.4
1,1,1,2-Tetrachloroethane	ND		ug/kg	25	6.6
Bromobenzene	ND		ug/kg	100	7.2
n-Butylbenzene	ND		ug/kg	50	8.4
sec-Butylbenzene	ND		ug/kg	50	7.3
tert-Butylbenzene	ND		ug/kg	100	5.9
o-Chlorotoluene	ND		ug/kg	100	9.6

Project Name: 2925 WESTCHESTER AVE. **Lab Number:** L2008988

Project Number: 2925 WESTCHESTER AVE **Report Date:** 03/12/20

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260C
Analytical Date: 03/09/20 06:24
Analyst: MV

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by EPA 5035 High - Westborough Lab for sample(s): 20 Batch: WG1348968-5					
p-Chlorotoluene	ND		ug/kg	100	5.4
1,2-Dibromo-3-chloropropane	ND		ug/kg	150	50.
Hexachlorobutadiene	ND		ug/kg	200	8.4
Isopropylbenzene	ND		ug/kg	50	5.4
p-Isopropyltoluene	ND		ug/kg	50	5.4
Naphthalene	ND		ug/kg	200	32.
Acrylonitrile	ND		ug/kg	200	58.
n-Propylbenzene	ND		ug/kg	50	8.6
1,2,3-Trichlorobenzene	ND		ug/kg	100	16.
1,2,4-Trichlorobenzene	ND		ug/kg	100	14.
1,3,5-Trimethylbenzene	ND		ug/kg	100	9.6
1,2,4-Trimethylbenzene	ND		ug/kg	100	17.
1,4-Dioxane	ND		ug/kg	4000	1800
p-Diethylbenzene	ND		ug/kg	100	8.8
p-Ethyltoluene	ND		ug/kg	100	19.
1,2,4,5-Tetramethylbenzene	ND		ug/kg	100	9.6
Ethyl ether	ND		ug/kg	100	17.
trans-1,4-Dichloro-2-butene	ND		ug/kg	250	71.

Surrogate	%Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	95		70-130
Toluene-d8	100		70-130
4-Bromofluorobenzene	98		70-130
Dibromofluoromethane	99		70-130

Project Name: 2925 WESTCHESTER AVE. **Lab Number:** L2008988

Project Number: 2925 WESTCHESTER AVE **Report Date:** 03/12/20

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260C
Analytical Date: 03/10/20 16:04
Analyst: AD

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by EPA 5035 High - Westborough Lab for sample(s): 06 Batch: WG1349562-5					
Methylene chloride	ND		ug/kg	250	110
1,1-Dichloroethane	ND		ug/kg	50	7.2
Chloroform	ND		ug/kg	75	7.0
Carbon tetrachloride	ND		ug/kg	50	12.
1,2-Dichloropropane	ND		ug/kg	50	6.2
Dibromochloromethane	ND		ug/kg	50	7.0
1,1,2-Trichloroethane	ND		ug/kg	50	13.
Tetrachloroethene	ND		ug/kg	25	9.8
Chlorobenzene	ND		ug/kg	25	6.4
Trichlorofluoromethane	ND		ug/kg	200	35.
1,2-Dichloroethane	ND		ug/kg	50	13.
1,1,1-Trichloroethane	ND		ug/kg	25	8.4
Bromodichloromethane	ND		ug/kg	25	5.4
trans-1,3-Dichloropropene	ND		ug/kg	50	14.
cis-1,3-Dichloropropene	ND		ug/kg	25	7.9
1,3-Dichloropropene, Total	ND		ug/kg	25	7.9
1,1-Dichloropropene	ND		ug/kg	25	8.0
Bromoform	ND		ug/kg	200	12.
1,1,2,2-Tetrachloroethane	ND		ug/kg	25	8.3
Benzene	ND		ug/kg	25	8.3
Toluene	ND		ug/kg	50	27.
Ethylbenzene	ND		ug/kg	50	7.0
Chloromethane	ND		ug/kg	200	47.
Bromomethane	ND		ug/kg	100	29.
Vinyl chloride	ND		ug/kg	50	17.
Chloroethane	ND		ug/kg	100	23.
1,1-Dichloroethene	ND		ug/kg	50	12.
trans-1,2-Dichloroethene	ND		ug/kg	75	6.8
Trichloroethene	ND		ug/kg	25	6.8

Project Name: 2925 WESTCHESTER AVE. **Lab Number:** L2008988

Project Number: 2925 WESTCHESTER AVE **Report Date:** 03/12/20

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260C
Analytical Date: 03/10/20 16:04
Analyst: AD

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by EPA 5035 High - Westborough Lab for sample(s): 06 Batch: WG1349562-5					
1,2-Dichlorobenzene	ND		ug/kg	100	7.2
1,3-Dichlorobenzene	ND		ug/kg	100	7.4
1,4-Dichlorobenzene	ND		ug/kg	100	8.6
Methyl tert butyl ether	12	J	ug/kg	100	10.
p/m-Xylene	ND		ug/kg	100	28.
o-Xylene	ND		ug/kg	50	14.
Xylenes, Total	ND		ug/kg	50	14.
cis-1,2-Dichloroethene	ND		ug/kg	50	8.8
1,2-Dichloroethene, Total	ND		ug/kg	50	6.8
Dibromomethane	ND		ug/kg	100	12.
Styrene	ND		ug/kg	50	9.8
Dichlorodifluoromethane	ND		ug/kg	500	46.
Acetone	ND		ug/kg	500	240
Carbon disulfide	ND		ug/kg	500	230
2-Butanone	ND		ug/kg	500	110
Vinyl acetate	ND		ug/kg	500	110
4-Methyl-2-pentanone	ND		ug/kg	500	64.
1,2,3-Trichloropropane	ND		ug/kg	100	6.4
2-Hexanone	ND		ug/kg	500	59.
Bromochloromethane	ND		ug/kg	100	10.
2,2-Dichloropropane	ND		ug/kg	100	10.
1,2-Dibromoethane	ND		ug/kg	50	14.
1,3-Dichloropropane	ND		ug/kg	100	8.4
1,1,1,2-Tetrachloroethane	ND		ug/kg	25	6.6
Bromobenzene	ND		ug/kg	100	7.2
n-Butylbenzene	ND		ug/kg	50	8.4
sec-Butylbenzene	ND		ug/kg	50	7.3
tert-Butylbenzene	ND		ug/kg	100	5.9
o-Chlorotoluene	ND		ug/kg	100	9.6

Project Name: 2925 WESTCHESTER AVE. **Lab Number:** L2008988

Project Number: 2925 WESTCHESTER AVE **Report Date:** 03/12/20

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260C
Analytical Date: 03/10/20 16:04
Analyst: AD

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by EPA 5035 High - Westborough Lab for sample(s): 06 Batch: WG1349562-5					
p-Chlorotoluene	ND		ug/kg	100	5.4
1,2-Dibromo-3-chloropropane	ND		ug/kg	150	50.
Hexachlorobutadiene	ND		ug/kg	200	8.4
Isopropylbenzene	ND		ug/kg	50	5.4
p-Isopropyltoluene	ND		ug/kg	50	5.4
Naphthalene	ND		ug/kg	200	32.
Acrylonitrile	ND		ug/kg	200	58.
n-Propylbenzene	ND		ug/kg	50	8.6
1,2,3-Trichlorobenzene	ND		ug/kg	100	16.
1,2,4-Trichlorobenzene	ND		ug/kg	100	14.
1,3,5-Trimethylbenzene	ND		ug/kg	100	9.6
1,2,4-Trimethylbenzene	ND		ug/kg	100	17.
1,4-Dioxane	ND		ug/kg	4000	1800
p-Diethylbenzene	ND		ug/kg	100	8.8
p-Ethyltoluene	ND		ug/kg	100	19.
1,2,4,5-Tetramethylbenzene	ND		ug/kg	100	9.6
Ethyl ether	ND		ug/kg	100	17.
trans-1,4-Dichloro-2-butene	ND		ug/kg	250	71.

Surrogate	%Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	102		70-130
Toluene-d8	95		70-130
4-Bromofluorobenzene	92		70-130
Dibromofluoromethane	102		70-130

Project Name: 2925 WESTCHESTER AVE. **Lab Number:** L2008988

Project Number: 2925 WESTCHESTER AVE **Report Date:** 03/12/20

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260C
Analytical Date: 03/11/20 04:53
Analyst: MV

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by EPA 5035 Low - Westborough Lab for sample(s): 18,21-22 Batch: WG1349610-5					
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: 2925 WESTCHESTER AVE. **Lab Number:** L2008988

Project Number: 2925 WESTCHESTER AVE **Report Date:** 03/12/20

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260C
Analytical Date: 03/11/20 04:53
Analyst: MV

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by EPA 5035 Low - Westborough Lab for sample(s): 18,21-22 Batch: WG1349610-5					
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	ND		ug/kg	1.0	0.20
Dichlorodifluoromethane	ND		ug/kg	10	0.92
Acetone	ND		ug/kg	10	4.8
Carbon disulfide	ND		ug/kg	10	4.6
2-Butanone	ND		ug/kg	10	2.2
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: 2925 WESTCHESTER AVE. **Lab Number:** L2008988

Project Number: 2925 WESTCHESTER AVE **Report Date:** 03/12/20

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260C
Analytical Date: 03/11/20 04:53
Analyst: MV

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by EPA 5035 Low - Westborough Lab for sample(s): 18,21-22 Batch: WG1349610-5					
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

Surrogate	%Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	103		70-130
Toluene-d8	99		70-130
4-Bromofluorobenzene	100		70-130
Dibromofluoromethane	84		70-130

Project Name: 2925 WESTCHESTER AVE. **Lab Number:** L2008988

Project Number: 2925 WESTCHESTER AVE **Report Date:** 03/12/20

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260C
Analytical Date: 03/11/20 04:53
Analyst: MV

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by EPA 5035 High - Westborough Lab for sample(s): 07,10,17 Batch: WG1349926-5					
Methylene chloride	ND		ug/kg	250	110
1,1-Dichloroethane	ND		ug/kg	50	7.2
Chloroform	ND		ug/kg	75	7.0
Carbon tetrachloride	ND		ug/kg	50	12.
1,2-Dichloropropane	ND		ug/kg	50	6.2
Dibromochloromethane	ND		ug/kg	50	7.0
1,1,2-Trichloroethane	ND		ug/kg	50	13.
Tetrachloroethene	ND		ug/kg	25	9.8
Chlorobenzene	ND		ug/kg	25	6.4
Trichlorofluoromethane	ND		ug/kg	200	35.
1,2-Dichloroethane	ND		ug/kg	50	13.
1,1,1-Trichloroethane	ND		ug/kg	25	8.4
Bromodichloromethane	ND		ug/kg	25	5.4
trans-1,3-Dichloropropene	ND		ug/kg	50	14.
cis-1,3-Dichloropropene	ND		ug/kg	25	7.9
1,3-Dichloropropene, Total	ND		ug/kg	25	7.9
1,1-Dichloropropene	ND		ug/kg	25	8.0
Bromoform	ND		ug/kg	200	12.
1,1,2,2-Tetrachloroethane	ND		ug/kg	25	8.3
Benzene	ND		ug/kg	25	8.3
Toluene	ND		ug/kg	50	27.
Ethylbenzene	ND		ug/kg	50	7.0
Chloromethane	ND		ug/kg	200	47.
Bromomethane	ND		ug/kg	100	29.
Vinyl chloride	ND		ug/kg	50	17.
Chloroethane	ND		ug/kg	100	23.
1,1-Dichloroethene	ND		ug/kg	50	12.
trans-1,2-Dichloroethene	ND		ug/kg	75	6.8
Trichloroethene	ND		ug/kg	25	6.8

Project Name: 2925 WESTCHESTER AVE. **Lab Number:** L2008988

Project Number: 2925 WESTCHESTER AVE **Report Date:** 03/12/20

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260C
Analytical Date: 03/11/20 04:53
Analyst: MV

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by EPA 5035 High - Westborough Lab for sample(s): 07,10,17 Batch: WG1349926-5					
1,2-Dichlorobenzene	ND		ug/kg	100	7.2
1,3-Dichlorobenzene	ND		ug/kg	100	7.4
1,4-Dichlorobenzene	ND		ug/kg	100	8.6
Methyl tert butyl ether	ND		ug/kg	100	10.
p/m-Xylene	ND		ug/kg	100	28.
o-Xylene	ND		ug/kg	50	14.
Xylenes, Total	ND		ug/kg	50	14.
cis-1,2-Dichloroethene	ND		ug/kg	50	8.8
1,2-Dichloroethene, Total	ND		ug/kg	50	6.8
Dibromomethane	ND		ug/kg	100	12.
Styrene	ND		ug/kg	50	9.8
Dichlorodifluoromethane	ND		ug/kg	500	46.
Acetone	ND		ug/kg	500	240
Carbon disulfide	ND		ug/kg	500	230
2-Butanone	ND		ug/kg	500	110
Vinyl acetate	ND		ug/kg	500	110
4-Methyl-2-pentanone	ND		ug/kg	500	64.
1,2,3-Trichloropropane	ND		ug/kg	100	6.4
2-Hexanone	ND		ug/kg	500	59.
Bromochloromethane	ND		ug/kg	100	10.
2,2-Dichloropropane	ND		ug/kg	100	10.
1,2-Dibromoethane	ND		ug/kg	50	14.
1,3-Dichloropropane	ND		ug/kg	100	8.4
1,1,1,2-Tetrachloroethane	ND		ug/kg	25	6.6
Bromobenzene	ND		ug/kg	100	7.2
n-Butylbenzene	ND		ug/kg	50	8.4
sec-Butylbenzene	ND		ug/kg	50	7.3
tert-Butylbenzene	ND		ug/kg	100	5.9
o-Chlorotoluene	ND		ug/kg	100	9.6

Project Name: 2925 WESTCHESTER AVE. **Lab Number:** L2008988

Project Number: 2925 WESTCHESTER AVE **Report Date:** 03/12/20

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260C
Analytical Date: 03/11/20 04:53
Analyst: MV

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by EPA 5035 High - Westborough Lab for sample(s): 07,10,17 Batch: WG1349926-5					
p-Chlorotoluene	ND		ug/kg	100	5.4
1,2-Dibromo-3-chloropropane	ND		ug/kg	150	50.
Hexachlorobutadiene	ND		ug/kg	200	8.4
Isopropylbenzene	ND		ug/kg	50	5.4
p-Isopropyltoluene	ND		ug/kg	50	5.4
Naphthalene	ND		ug/kg	200	32.
Acrylonitrile	ND		ug/kg	200	58.
n-Propylbenzene	ND		ug/kg	50	8.6
1,2,3-Trichlorobenzene	ND		ug/kg	100	16.
1,2,4-Trichlorobenzene	ND		ug/kg	100	14.
1,3,5-Trimethylbenzene	ND		ug/kg	100	9.6
1,2,4-Trimethylbenzene	ND		ug/kg	100	17.
1,4-Dioxane	ND		ug/kg	4000	1800
p-Diethylbenzene	ND		ug/kg	100	8.8
p-Ethyltoluene	ND		ug/kg	100	19.
1,2,4,5-Tetramethylbenzene	ND		ug/kg	100	9.6
Ethyl ether	ND		ug/kg	100	17.
trans-1,4-Dichloro-2-butene	ND		ug/kg	250	71.

Surrogate	%Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	103		70-130
Toluene-d8	99		70-130
4-Bromofluorobenzene	100		70-130
Dibromofluoromethane	84		70-130

Project Name: 2925 WESTCHESTER AVE. **Lab Number:** L2008988

Project Number: 2925 WESTCHESTER AVE **Report Date:** 03/12/20

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260C
Analytical Date: 03/11/20 16:41
Analyst: AD

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by EPA 5035 High - Westborough Lab for sample(s): 09 Batch: WG1349943-5					
Methylene chloride	ND		ug/kg	250	110
1,1-Dichloroethane	ND		ug/kg	50	7.2
Chloroform	ND		ug/kg	75	7.0
Carbon tetrachloride	ND		ug/kg	50	12.
1,2-Dichloropropane	ND		ug/kg	50	6.2
Dibromochloromethane	ND		ug/kg	50	7.0
1,1,2-Trichloroethane	ND		ug/kg	50	13.
Tetrachloroethene	ND		ug/kg	25	9.8
Chlorobenzene	ND		ug/kg	25	6.4
Trichlorofluoromethane	ND		ug/kg	200	35.
1,2-Dichloroethane	ND		ug/kg	50	13.
1,1,1-Trichloroethane	ND		ug/kg	25	8.4
Bromodichloromethane	ND		ug/kg	25	5.4
trans-1,3-Dichloropropene	ND		ug/kg	50	14.
cis-1,3-Dichloropropene	ND		ug/kg	25	7.9
1,3-Dichloropropene, Total	ND		ug/kg	25	7.9
1,1-Dichloropropene	ND		ug/kg	25	8.0
Bromoform	ND		ug/kg	200	12.
1,1,2,2-Tetrachloroethane	ND		ug/kg	25	8.3
Benzene	ND		ug/kg	25	8.3
Toluene	ND		ug/kg	50	27.
Ethylbenzene	ND		ug/kg	50	7.0
Chloromethane	ND		ug/kg	200	47.
Bromomethane	ND		ug/kg	100	29.
Vinyl chloride	ND		ug/kg	50	17.
Chloroethane	ND		ug/kg	100	23.
1,1-Dichloroethene	ND		ug/kg	50	12.
trans-1,2-Dichloroethene	ND		ug/kg	75	6.8
Trichloroethene	ND		ug/kg	25	6.8

Project Name: 2925 WESTCHESTER AVE. **Lab Number:** L2008988

Project Number: 2925 WESTCHESTER AVE **Report Date:** 03/12/20

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260C
Analytical Date: 03/11/20 16:41
Analyst: AD

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by EPA 5035 High - Westborough Lab for sample(s): 09 Batch: WG1349943-5					
1,2-Dichlorobenzene	ND		ug/kg	100	7.2
1,3-Dichlorobenzene	ND		ug/kg	100	7.4
1,4-Dichlorobenzene	ND		ug/kg	100	8.6
Methyl tert butyl ether	12	J	ug/kg	100	10.
p/m-Xylene	ND		ug/kg	100	28.
o-Xylene	ND		ug/kg	50	14.
Xylenes, Total	ND		ug/kg	50	14.
cis-1,2-Dichloroethene	ND		ug/kg	50	8.8
1,2-Dichloroethene, Total	ND		ug/kg	50	6.8
Dibromomethane	ND		ug/kg	100	12.
Styrene	ND		ug/kg	50	9.8
Dichlorodifluoromethane	ND		ug/kg	500	46.
Acetone	ND		ug/kg	500	240
Carbon disulfide	ND		ug/kg	500	230
2-Butanone	ND		ug/kg	500	110
Vinyl acetate	ND		ug/kg	500	110
4-Methyl-2-pentanone	ND		ug/kg	500	64.
1,2,3-Trichloropropane	ND		ug/kg	100	6.4
2-Hexanone	ND		ug/kg	500	59.
Bromochloromethane	ND		ug/kg	100	10.
2,2-Dichloropropane	ND		ug/kg	100	10.
1,2-Dibromoethane	ND		ug/kg	50	14.
1,3-Dichloropropane	ND		ug/kg	100	8.4
1,1,1,2-Tetrachloroethane	ND		ug/kg	25	6.6
Bromobenzene	ND		ug/kg	100	7.2
n-Butylbenzene	ND		ug/kg	50	8.4
sec-Butylbenzene	ND		ug/kg	50	7.3
tert-Butylbenzene	ND		ug/kg	100	5.9
o-Chlorotoluene	ND		ug/kg	100	9.6

Project Name: 2925 WESTCHESTER AVE. **Lab Number:** L2008988

Project Number: 2925 WESTCHESTER AVE **Report Date:** 03/12/20

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260C
Analytical Date: 03/11/20 16:41
Analyst: AD

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by EPA 5035 High - Westborough Lab for sample(s): 09 Batch: WG1349943-5					
p-Chlorotoluene	ND		ug/kg	100	5.4
1,2-Dibromo-3-chloropropane	ND		ug/kg	150	50.
Hexachlorobutadiene	ND		ug/kg	200	8.4
Isopropylbenzene	ND		ug/kg	50	5.4
p-Isopropyltoluene	ND		ug/kg	50	5.4
Naphthalene	ND		ug/kg	200	32.
Acrylonitrile	ND		ug/kg	200	58.
n-Propylbenzene	ND		ug/kg	50	8.6
1,2,3-Trichlorobenzene	ND		ug/kg	100	16.
1,2,4-Trichlorobenzene	ND		ug/kg	100	14.
1,3,5-Trimethylbenzene	ND		ug/kg	100	9.6
1,2,4-Trimethylbenzene	ND		ug/kg	100	17.
1,4-Dioxane	ND		ug/kg	4000	1800
p-Diethylbenzene	ND		ug/kg	100	8.8
p-Ethyltoluene	ND		ug/kg	100	19.
1,2,4,5-Tetramethylbenzene	ND		ug/kg	100	9.6
Ethyl ether	ND		ug/kg	100	17.
trans-1,4-Dichloro-2-butene	ND		ug/kg	250	71.

Surrogate	%Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	110		70-130
Toluene-d8	92		70-130
4-Bromofluorobenzene	114		70-130
Dibromofluoromethane	91		70-130

Lab Control Sample Analysis
Batch Quality Control

Project Name: 2925 WESTCHESTER AVE.
Project Number: 2925 WESTCHESTER AVE

Lab Number: L2008988
Report Date: 03/12/20

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 02-04 Batch: WG1347469-3 WG1347469-4								
Methylene chloride	99		100		70-130	1		30
1,1-Dichloroethane	116		116		70-130	0		30
Chloroform	103		102		70-130	1		30
Carbon tetrachloride	91		92		70-130	1		30
1,2-Dichloropropane	109		109		70-130	0		30
Dibromochloromethane	103		103		70-130	0		30
1,1,2-Trichloroethane	111		113		70-130	2		30
Tetrachloroethene	101		100		70-130	1		30
Chlorobenzene	100		100		70-130	0		30
Trichlorofluoromethane	71		72		70-139	1		30
1,2-Dichloroethane	108		106		70-130	2		30
1,1,1-Trichloroethane	99		100		70-130	1		30
Bromodichloromethane	97		98		70-130	1		30
trans-1,3-Dichloropropene	120		121		70-130	1		30
cis-1,3-Dichloropropene	105		106		70-130	1		30
1,1-Dichloropropene	103		103		70-130	0		30
Bromoform	92		90		70-130	2		30
1,1,2,2-Tetrachloroethane	104		104		70-130	0		30
Benzene	99		99		70-130	0		30
Toluene	108		107		70-130	1		30
Ethylbenzene	108		108		70-130	0		30
Chloromethane	**138**	Q	**144**	Q	52-130	4		30
Bromomethane	99		101		57-147	2		30

Lab Control Sample Analysis

Batch Quality Control

Project Name: 2925 WESTCHESTER AVE.

Project Number: 2925 WESTCHESTER AVE

Lab Number: L2008988

Report Date: 03/12/20

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 02-04 Batch: WG1347469-3 WG1347469-4								
Vinyl chloride	86		87		67-130	1		30
Chloroethane	86		84		50-151	2		30
1,1-Dichloroethene	102		103		65-135	1		30
trans-1,2-Dichloroethene	104		102		70-130	2		30
Trichloroethene	98		97		70-130	1		30
1,2-Dichlorobenzene	100		99		70-130	1		30
1,3-Dichlorobenzene	103		100		70-130	3		30
1,4-Dichlorobenzene	98		96		70-130	2		30
Methyl tert butyl ether	104		106		66-130	2		30
p/m-Xylene	105		104		70-130	1		30
o-Xylene	105		105		70-130	0		30
cis-1,2-Dichloroethene	100		101		70-130	1		30
Dibromomethane	97		96		70-130	1		30
Styrene	107		107		70-130	0		30
Dichlorodifluoromethane	103		115		30-146	11		30
Acetone	**145**	Q	132		54-140	9		30
Carbon disulfide	103		102		59-130	1		30
2-Butanone	100		102		70-130	2		30
Vinyl acetate	**131**	Q	**133**	Q	70-130	2		30
4-Methyl-2-pentanone	118		119		70-130	1		30
1,2,3-Trichloropropane	102		104		68-130	2		30
2-Hexanone	124		125		70-130	1		30
Bromochloromethane	90		90		70-130	0		30

Lab Control Sample Analysis

Batch Quality Control

Project Name: 2925 WESTCHESTER AVE.

Project Number: 2925 WESTCHESTER AVE

Lab Number: L2008988

Report Date: 03/12/20

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 02-04 Batch: WG1347469-3 WG1347469-4								
2,2-Dichloropropane	101		100		70-130	1		30
1,2-Dibromoethane	107		108		70-130	1		30
1,3-Dichloropropane	113		114		69-130	1		30
1,1,1,2-Tetrachloroethane	101		101		70-130	0		30
Bromobenzene	100		98		70-130	2		30
n-Butylbenzene	114		111		70-130	3		30
sec-Butylbenzene	101		101		70-130	0		30
tert-Butylbenzene	98		97		70-130	1		30
o-Chlorotoluene	108		106		70-130	2		30
p-Chlorotoluene	107		106		70-130	1		30
1,2-Dibromo-3-chloropropane	98		97		68-130	1		30
Hexachlorobutadiene	106		104		67-130	2		30
Isopropylbenzene	104		101		70-130	3		30
p-Isopropyltoluene	104		102		70-130	2		30
Naphthalene	98		98		70-130	0		30
Acrylonitrile	116		115		70-130	1		30
n-Propylbenzene	109		108		70-130	1		30
1,2,3-Trichlorobenzene	103		101		70-130	2		30
1,2,4-Trichlorobenzene	110		106		70-130	4		30
1,3,5-Trimethylbenzene	106		103		70-130	3		30
1,2,4-Trimethylbenzene	105		103		70-130	2		30
1,4-Dioxane	93		98		65-136	5		30
p-Diethylbenzene	109		107		70-130	2		30

Lab Control Sample Analysis
Batch Quality Control

Project Name: 2925 WESTCHESTER AVE.
Project Number: 2925 WESTCHESTER AVE

Lab Number: L2008988
Report Date: 03/12/20

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 02-04 Batch: WG1347469-3 WG1347469-4								
p-Ethyltoluene	110		108		70-130	2		30
1,2,4,5-Tetramethylbenzene	108		106		70-130	2		30
Ethyl ether	111		114		67-130	3		30
trans-1,4-Dichloro-2-butene	129		130		70-130	1		30

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
1,2-Dichloroethane-d4	109		110		70-130
Toluene-d8	108		109		70-130
4-Bromofluorobenzene	106		105		70-130
Dibromofluoromethane	101		103		70-130

Lab Control Sample Analysis
Batch Quality Control

Project Name: 2925 WESTCHESTER AVE.
Project Number: 2925 WESTCHESTER AVE

Lab Number: L2008988
Report Date: 03/12/20

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by EPA 5035 High - Westborough Lab Associated sample(s): 01 Batch: WG1347589-3 WG1347589-4								
Methylene chloride	107		109		70-130	2		30
1,1-Dichloroethane	109		113		70-130	4		30
Chloroform	104		111		70-130	7		30
Carbon tetrachloride	103		106		70-130	3		30
1,2-Dichloropropane	108		111		70-130	3		30
Dibromochloromethane	107		111		70-130	4		30
1,1,2-Trichloroethane	100		102		70-130	2		30
Tetrachloroethene	103		105		70-130	2		30
Chlorobenzene	96		98		70-130	2		30
Trichlorofluoromethane	**47**	Q	**49**	Q	70-139	4		30
1,2-Dichloroethane	106		109		70-130	3		30
1,1,1-Trichloroethane	101		105		70-130	4		30
Bromodichloromethane	101		104		70-130	3		30
trans-1,3-Dichloropropene	98		101		70-130	3		30
cis-1,3-Dichloropropene	101		104		70-130	3		30
1,1-Dichloropropene	96		99		70-130	3		30
Bromoform	106		109		70-130	3		30
1,1,2,2-Tetrachloroethane	94		96		70-130	2		30
Benzene	99		102		70-130	3		30
Toluene	96		99		70-130	3		30
Ethylbenzene	92		95		70-130	3		30
Chloromethane	115		113		52-130	2		30
Bromomethane	68		65		57-147	5		30

Lab Control Sample Analysis
Batch Quality Control

Project Name: 2925 WESTCHESTER AVE.
Project Number: 2925 WESTCHESTER AVE

Lab Number: L2008988
Report Date: 03/12/20

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by EPA 5035 High - Westborough Lab Associated sample(s): 01 Batch: WG1347589-3 WG1347589-4								
Vinyl chloride	77		75		67-130	3		30
Chloroethane	63		64		50-151	2		30
1,1-Dichloroethene	103		104		65-135	1		30
trans-1,2-Dichloroethene	105		107		70-130	2		30
Trichloroethene	100		103		70-130	3		30
1,2-Dichlorobenzene	96		98		70-130	2		30
1,3-Dichlorobenzene	93		96		70-130	3		30
1,4-Dichlorobenzene	92		94		70-130	2		30
Methyl tert butyl ether	107		109		66-130	2		30
p/m-Xylene	93		95		70-130	2		30
o-Xylene	93		95		70-130	2		30
cis-1,2-Dichloroethene	107		110		70-130	3		30
Dibromomethane	100		103		70-130	3		30
Styrene	91		94		70-130	3		30
Dichlorodifluoromethane	82		82		30-146	0		30
Acetone	128		131		54-140	2		30
Carbon disulfide	93		95		59-130	2		30
2-Butanone	107		110		70-130	3		30
Vinyl acetate	102		104		70-130	2		30
4-Methyl-2-pentanone	107		107		70-130	0		30
1,2,3-Trichloropropane	93		95		68-130	2		30
2-Hexanone	99		101		70-130	2		30
Bromochloromethane	112		114		70-130	2		30

Lab Control Sample Analysis
Batch Quality Control

Project Name: 2925 WESTCHESTER AVE.
Project Number: 2925 WESTCHESTER AVE

Lab Number: L2008988
Report Date: 03/12/20

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by EPA 5035 High - Westborough Lab Associated sample(s): 01 Batch: WG1347589-3 WG1347589-4								
2,2-Dichloropropane	95		98		70-130	3		30
1,2-Dibromoethane	103		106		70-130	3		30
1,3-Dichloropropane	99		101		69-130	2		30
1,1,1,2-Tetrachloroethane	103		106		70-130	3		30
Bromobenzene	101		104		70-130	3		30
n-Butylbenzene	83		85		70-130	2		30
sec-Butylbenzene	89		92		70-130	3		30
tert-Butylbenzene	94		96		70-130	2		30
o-Chlorotoluene	92		94		70-130	2		30
p-Chlorotoluene	92		94		70-130	2		30
1,2-Dibromo-3-chloropropane	100		104		68-130	4		30
Hexachlorobutadiene	112		114		67-130	2		30
Isopropylbenzene	92		94		70-130	2		30
p-Isopropyltoluene	90		92		70-130	2		30
Naphthalene	97		98		70-130	1		30
Acrylonitrile	124		128		70-130	3		30
n-Propylbenzene	88		90		70-130	2		30
1,2,3-Trichlorobenzene	102		103		70-130	1		30
1,2,4-Trichlorobenzene	98		99		70-130	1		30
1,3,5-Trimethylbenzene	92		95		70-130	3		30
1,2,4-Trimethylbenzene	92		95		70-130	3		30
1,4-Dioxane	111		119		65-136	7		30
p-Diethylbenzene	91		93		70-130	2		30

Lab Control Sample Analysis

Batch Quality Control

Project Name: 2925 WESTCHESTER AVE.

Project Number: 2925 WESTCHESTER AVE

Lab Number: L2008988

Report Date: 03/12/20

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by EPA 5035 High - Westborough Lab Associated sample(s): 01 Batch: WG1347589-3 WG1347589-4								
p-Ethyltoluene	93		95		70-130	2		30
1,2,4,5-Tetramethylbenzene	93		96		70-130	3		30
Ethyl ether	**62**	Q	**64**	Q	67-130	3		30
trans-1,4-Dichloro-2-butene	99		102		70-130	3		30

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
1,2-Dichloroethane-d4	93		92		70-130
Toluene-d8	94		93		70-130
4-Bromofluorobenzene	99		98		70-130
Dibromofluoromethane	101		102		70-130

Lab Control Sample Analysis
Batch Quality Control

Project Name: 2925 WESTCHESTER AVE.
Project Number: 2925 WESTCHESTER AVE

Lab Number: L2008988
Report Date: 03/12/20

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by EPA 5035 Low - Westborough Lab Associated sample(s): 11 Batch: WG1348809-3 WG1348809-4								
Methylene chloride	112		112		70-130	0		30
1,1-Dichloroethane	113		113		70-130	0		30
Chloroform	111		107		70-130	4		30
Carbon tetrachloride	106		107		70-130	1		30
1,2-Dichloropropane	111		113		70-130	2		30
Dibromochloromethane	110		112		70-130	2		30
1,1,2-Trichloroethane	101		103		70-130	2		30
Tetrachloroethene	108		108		70-130	0		30
Chlorobenzene	98		99		70-130	1		30
Trichlorofluoromethane	**48**	Q	**47**	Q	70-139	2		30
1,2-Dichloroethane	109		109		70-130	0		30
1,1,1-Trichloroethane	104		105		70-130	1		30
Bromodichloromethane	104		106		70-130	2		30
trans-1,3-Dichloropropene	103		103		70-130	0		30
cis-1,3-Dichloropropene	107		109		70-130	2		30
1,1-Dichloropropene	101		100		70-130	1		30
Bromoform	108		108		70-130	0		30
1,1,2,2-Tetrachloroethane	94		94		70-130	0		30
Benzene	102		103		70-130	1		30
Toluene	98		99		70-130	1		30
Ethylbenzene	93		95		70-130	2		30
Chloromethane	114		112		52-130	2		30
Bromomethane	66		62		57-147	6		30

Lab Control Sample Analysis
Batch Quality Control

Project Name: 2925 WESTCHESTER AVE.
Project Number: 2925 WESTCHESTER AVE

Lab Number: L2008988
Report Date: 03/12/20

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by EPA 5035 Low - Westborough Lab Associated sample(s): 11 Batch: WG1348809-3 WG1348809-4								
Vinyl chloride	75		74		67-130	1		30
Chloroethane	62		61		50-151	2		30
1,1-Dichloroethene	107		106		65-135	1		30
trans-1,2-Dichloroethene	110		109		70-130	1		30
Trichloroethene	106		106		70-130	0		30
1,2-Dichlorobenzene	99		99		70-130	0		30
1,3-Dichlorobenzene	99		98		70-130	1		30
1,4-Dichlorobenzene	98		98		70-130	0		30
Methyl tert butyl ether	112		111		66-130	1		30
p/m-Xylene	94		95		70-130	1		30
o-Xylene	93		94		70-130	1		30
cis-1,2-Dichloroethene	111		111		70-130	0		30
Dibromomethane	104		105		70-130	1		30
Styrene	92		93		70-130	1		30
Dichlorodifluoromethane	76		76		30-146	0		30
Acetone	**152**	Q	136		54-140	11		30
Carbon disulfide	98		98		59-130	0		30
2-Butanone	123		116		70-130	6		30
Vinyl acetate	111		111		70-130	0		30
4-Methyl-2-pentanone	109		108		70-130	1		30
1,2,3-Trichloropropane	93		92		68-130	1		30
2-Hexanone	104		102		70-130	2		30
Bromochloromethane	116		116		70-130	0		30

Lab Control Sample Analysis
Batch Quality Control

Project Name: 2925 WESTCHESTER AVE.
Project Number: 2925 WESTCHESTER AVE

Lab Number: L2008988
Report Date: 03/12/20

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by EPA 5035 Low - Westborough Lab Associated sample(s): 11 Batch: WG1348809-3 WG1348809-4								
2,2-Dichloropropane	103		102		70-130	1		30
1,2-Dibromoethane	104		106		70-130	2		30
1,3-Dichloropropane	99		101		69-130	2		30
1,1,1,2-Tetrachloroethane	105		106		70-130	1		30
Bromobenzene	102		103		70-130	1		30
n-Butylbenzene	87		87		70-130	0		30
sec-Butylbenzene	88		89		70-130	1		30
tert-Butylbenzene	92		92		70-130	0		30
o-Chlorotoluene	92		93		70-130	1		30
p-Chlorotoluene	94		94		70-130	0		30
1,2-Dibromo-3-chloropropane	104		105		68-130	1		30
Hexachlorobutadiene	118		118		67-130	0		30
Isopropylbenzene	91		91		70-130	0		30
p-Isopropyltoluene	92		92		70-130	0		30
Naphthalene	100		100		70-130	0		30
Acrylonitrile	**136**	Q	**135**	Q	70-130	1		30
n-Propylbenzene	89		89		70-130	0		30
1,2,3-Trichlorobenzene	111		112		70-130	1		30
1,2,4-Trichlorobenzene	114		114		70-130	0		30
1,3,5-Trimethylbenzene	93		93		70-130	0		30
1,2,4-Trimethylbenzene	94		94		70-130	0		30
1,4-Dioxane	116		120		65-136	3		30
p-Diethylbenzene	97		97		70-130	0		30

Lab Control Sample Analysis
Batch Quality Control

Project Name: 2925 WESTCHESTER AVE.
Project Number: 2925 WESTCHESTER AVE

Lab Number: L2008988
Report Date: 03/12/20

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by EPA 5035 Low - Westborough Lab Associated sample(s): 11 Batch: WG1348809-3 WG1348809-4								
p-Ethyltoluene	95		95		70-130	0		30
1,2,4,5-Tetramethylbenzene	99		99		70-130	0		30
Ethyl ether	**63**	Q	**62**	Q	67-130	2		30
trans-1,4-Dichloro-2-butene	107		105		70-130	2		30

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
1,2-Dichloroethane-d4	91		93		70-130
Toluene-d8	91		92		70-130
4-Bromofluorobenzene	98		98		70-130
Dibromofluoromethane	104		104		70-130

Lab Control Sample Analysis
Batch Quality Control

Project Name: 2925 WESTCHESTER AVE.
Project Number: 2925 WESTCHESTER AVE

Lab Number: L2008988
Report Date: 03/12/20

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by EPA 5035 High - Westborough Lab Associated sample(s): 05,08 Batch: WG1348811-3 WG1348811-4								
Methylene chloride	112		112		70-130	0		30
1,1-Dichloroethane	113		113		70-130	0		30
Chloroform	111		107		70-130	4		30
Carbon tetrachloride	106		107		70-130	1		30
1,2-Dichloropropane	111		113		70-130	2		30
Dibromochloromethane	110		112		70-130	2		30
1,1,2-Trichloroethane	101		103		70-130	2		30
Tetrachloroethene	108		108		70-130	0		30
Chlorobenzene	98		99		70-130	1		30
Trichlorofluoromethane	**48**	Q	**47**	Q	70-139	2		30
1,2-Dichloroethane	109		109		70-130	0		30
1,1,1-Trichloroethane	104		105		70-130	1		30
Bromodichloromethane	104		106		70-130	2		30
trans-1,3-Dichloropropene	103		103		70-130	0		30
cis-1,3-Dichloropropene	107		109		70-130	2		30
1,1-Dichloropropene	101		100		70-130	1		30
Bromoform	108		108		70-130	0		30
1,1,2,2-Tetrachloroethane	94		94		70-130	0		30
Benzene	102		103		70-130	1		30
Toluene	98		99		70-130	1		30
Ethylbenzene	93		95		70-130	2		30
Chloromethane	114		112		52-130	2		30
Bromomethane	66		62		57-147	6		30

Lab Control Sample Analysis
Batch Quality Control

Project Name: 2925 WESTCHESTER AVE.
Project Number: 2925 WESTCHESTER AVE

Lab Number: L2008988
Report Date: 03/12/20

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by EPA 5035 High - Westborough Lab Associated sample(s): 05,08 Batch: WG1348811-3 WG1348811-4								
Vinyl chloride	75		74		67-130	1		30
Chloroethane	62		61		50-151	2		30
1,1-Dichloroethene	107		106		65-135	1		30
trans-1,2-Dichloroethene	110		109		70-130	1		30
Trichloroethene	106		106		70-130	0		30
1,2-Dichlorobenzene	99		99		70-130	0		30
1,3-Dichlorobenzene	99		98		70-130	1		30
1,4-Dichlorobenzene	98		98		70-130	0		30
Methyl tert butyl ether	112		111		66-130	1		30
p/m-Xylene	94		95		70-130	1		30
o-Xylene	93		94		70-130	1		30
cis-1,2-Dichloroethene	111		111		70-130	0		30
Dibromomethane	104		105		70-130	1		30
Styrene	92		93		70-130	1		30
Dichlorodifluoromethane	76		76		30-146	0		30
Acetone	**152**	Q	136		54-140	11		30
Carbon disulfide	98		98		59-130	0		30
2-Butanone	123		116		70-130	6		30
Vinyl acetate	111		111		70-130	0		30
4-Methyl-2-pentanone	109		108		70-130	1		30
1,2,3-Trichloropropane	93		92		68-130	1		30
2-Hexanone	104		102		70-130	2		30
Bromochloromethane	116		116		70-130	0		30

Lab Control Sample Analysis
Batch Quality Control

Project Name: 2925 WESTCHESTER AVE.
Project Number: 2925 WESTCHESTER AVE

Lab Number: L2008988
Report Date: 03/12/20

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by EPA 5035 High - Westborough Lab Associated sample(s): 05,08 Batch: WG1348811-3 WG1348811-4								
2,2-Dichloropropane	103		102		70-130	1		30
1,2-Dibromoethane	104		106		70-130	2		30
1,3-Dichloropropane	99		101		69-130	2		30
1,1,1,2-Tetrachloroethane	105		106		70-130	1		30
Bromobenzene	102		103		70-130	1		30
n-Butylbenzene	87		87		70-130	0		30
sec-Butylbenzene	88		89		70-130	1		30
tert-Butylbenzene	92		92		70-130	0		30
o-Chlorotoluene	92		93		70-130	1		30
p-Chlorotoluene	94		94		70-130	0		30
1,2-Dibromo-3-chloropropane	104		105		68-130	1		30
Hexachlorobutadiene	118		118		67-130	0		30
Isopropylbenzene	91		91		70-130	0		30
p-Isopropyltoluene	92		92		70-130	0		30
Naphthalene	100		100		70-130	0		30
Acrylonitrile	**136**	Q	**135**	Q	70-130	1		30
n-Propylbenzene	89		89		70-130	0		30
1,2,3-Trichlorobenzene	111		112		70-130	1		30
1,2,4-Trichlorobenzene	114		114		70-130	0		30
1,3,5-Trimethylbenzene	93		93		70-130	0		30
1,2,4-Trimethylbenzene	94		94		70-130	0		30
1,4-Dioxane	116		120		65-136	3		30
p-Diethylbenzene	97		97		70-130	0		30

Lab Control Sample Analysis
Batch Quality Control

Project Name: 2925 WESTCHESTER AVE.
Project Number: 2925 WESTCHESTER AVE

Lab Number: L2008988
Report Date: 03/12/20

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by EPA 5035 High - Westborough Lab Associated sample(s): 05,08 Batch: WG1348811-3 WG1348811-4								
p-Ethyltoluene	95		95		70-130	0		30
1,2,4,5-Tetramethylbenzene	99		99		70-130	0		30
Ethyl ether	**63**	Q	**62**	Q	67-130	2		30
trans-1,4-Dichloro-2-butene	107		105		70-130	2		30

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
1,2-Dichloroethane-d4	91		93		70-130
Toluene-d8	91		92		70-130
4-Bromofluorobenzene	98		98		70-130
Dibromofluoromethane	104		104		70-130

Lab Control Sample Analysis
Batch Quality Control

Project Name: 2925 WESTCHESTER AVE.
Project Number: 2925 WESTCHESTER AVE

Lab Number: L2008988
Report Date: 03/12/20

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by EPA 5035 High - Westborough Lab Associated sample(s): 20 Batch: WG1348968-3 WG1348968-4								
Methylene chloride	90		93		70-130	3		30
1,1-Dichloroethane	91		93		70-130	2		30
Chloroform	86		88		70-130	2		30
Carbon tetrachloride	91		92		70-130	1		30
1,2-Dichloropropane	89		93		70-130	4		30
Dibromochloromethane	102		105		70-130	3		30
1,1,2-Trichloroethane	94		97		70-130	3		30
Tetrachloroethene	104		105		70-130	1		30
Chlorobenzene	91		93		70-130	2		30
Trichlorofluoromethane	**42**	Q	**43**	Q	70-139	2		30
1,2-Dichloroethane	86		89		70-130	3		30
1,1,1-Trichloroethane	87		89		70-130	2		30
Bromodichloromethane	83		86		70-130	4		30
trans-1,3-Dichloropropene	94		97		70-130	3		30
cis-1,3-Dichloropropene	85		88		70-130	3		30
1,1-Dichloropropene	85		86		70-130	1		30
Bromoform	104		108		70-130	4		30
1,1,2,2-Tetrachloroethane	92		95		70-130	3		30
Benzene	82		85		70-130	4		30
Toluene	92		93		70-130	1		30
Ethylbenzene	88		90		70-130	2		30
Chloromethane	92		94		52-130	2		30
Bromomethane	**53**	Q	**51**	Q	57-147	4		30

Lab Control Sample Analysis
Batch Quality Control

Project Name: 2925 WESTCHESTER AVE.
Project Number: 2925 WESTCHESTER AVE

Lab Number: L2008988
Report Date: 03/12/20

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by EPA 5035 High - Westborough Lab Associated sample(s): 20 Batch: WG1348968-3 WG1348968-4								
Vinyl chloride	**63**	Q	**64**	Q	67-130	2		30
Chloroethane	**49**	Q	50		50-151	2		30
1,1-Dichloroethene	92		93		65-135	1		30
trans-1,2-Dichloroethene	89		91		70-130	2		30
Trichloroethene	86		88		70-130	2		30
1,2-Dichlorobenzene	97		100		70-130	3		30
1,3-Dichlorobenzene	97		99		70-130	2		30
1,4-Dichlorobenzene	97		98		70-130	1		30
Methyl tert butyl ether	89		92		66-130	3		30
p/m-Xylene	89		91		70-130	2		30
o-Xylene	86		89		70-130	3		30
cis-1,2-Dichloroethene	89		92		70-130	3		30
Dibromomethane	83		87		70-130	5		30
Styrene	85		88		70-130	3		30
Dichlorodifluoromethane	69		70		30-146	1		30
Acetone	116		116		54-140	0		30
Carbon disulfide	81		83		59-130	2		30
2-Butanone	95		96		70-130	1		30
Vinyl acetate	86		89		70-130	3		30
4-Methyl-2-pentanone	100		101		70-130	1		30
1,2,3-Trichloropropane	90		92		68-130	2		30
2-Hexanone	94		96		70-130	2		30
Bromochloromethane	92		96		70-130	4		30

Lab Control Sample Analysis

Batch Quality Control

Project Name: 2925 WESTCHESTER AVE.

Project Number: 2925 WESTCHESTER AVE

Lab Number: L2008988

Report Date: 03/12/20

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by EPA 5035 High - Westborough Lab Associated sample(s): 20 Batch: WG1348968-3 WG1348968-4								
2,2-Dichloropropane	85		86		70-130	1		30
1,2-Dibromoethane	97		99		70-130	2		30
1,3-Dichloropropane	92		96		69-130	4		30
1,1,1,2-Tetrachloroethane	97		100		70-130	3		30
Bromobenzene	100		103		70-130	3		30
n-Butylbenzene	89		90		70-130	1		30
sec-Butylbenzene	91		93		70-130	2		30
tert-Butylbenzene	94		95		70-130	1		30
o-Chlorotoluene	91		94		70-130	3		30
p-Chlorotoluene	93		95		70-130	2		30
1,2-Dibromo-3-chloropropane	100		105		68-130	5		30
Hexachlorobutadiene	119		122		67-130	2		30
Isopropylbenzene	92		94		70-130	2		30
p-Isopropyltoluene	93		95		70-130	2		30
Naphthalene	98		101		70-130	3		30
Acrylonitrile	106		111		70-130	5		30
n-Propylbenzene	90		92		70-130	2		30
1,2,3-Trichlorobenzene	111		112		70-130	1		30
1,2,4-Trichlorobenzene	113		114		70-130	1		30
1,3,5-Trimethylbenzene	93		96		70-130	3		30
1,2,4-Trimethylbenzene	94		95		70-130	1		30
1,4-Dioxane	103		107		65-136	4		30
p-Diethylbenzene	98		98		70-130	0		30

Lab Control Sample Analysis
Batch Quality Control

Project Name: 2925 WESTCHESTER AVE.
Project Number: 2925 WESTCHESTER AVE

Lab Number: L2008988
Report Date: 03/12/20

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by EPA 5035 High - Westborough Lab Associated sample(s): 20 Batch: WG1348968-3 WG1348968-4								
p-Ethyltoluene	96		98		70-130	2		30
1,2,4,5-Tetramethylbenzene	98		100		70-130	2		30
Ethyl ether	**49**	Q	**51**	Q	67-130	4		30
trans-1,4-Dichloro-2-butene	104		106		70-130	2		30

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
1,2-Dichloroethane-d4	92		92		70-130
Toluene-d8	102		100		70-130
4-Bromofluorobenzene	100		100		70-130
Dibromofluoromethane	99		100		70-130

Lab Control Sample Analysis
Batch Quality Control

Project Name: 2925 WESTCHESTER AVE.
Project Number: 2925 WESTCHESTER AVE

Lab Number: L2008988
Report Date: 03/12/20

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by EPA 5035 High - Westborough Lab Associated sample(s): 06 Batch: WG1349562-3 WG1349562-4								
Methylene chloride	108		102		70-130	6		30
1,1-Dichloroethane	102		94		70-130	8		30
Chloroform	104		96		70-130	8		30
Carbon tetrachloride	97		89		70-130	9		30
1,2-Dichloropropane	106		100		70-130	6		30
Dibromochloromethane	100		93		70-130	7		30
1,1,2-Trichloroethane	100		92		70-130	8		30
Tetrachloroethene	101		93		70-130	8		30
Chlorobenzene	102		93		70-130	9		30
Trichlorofluoromethane	94		84		70-139	11		30
1,2-Dichloroethane	102		97		70-130	5		30
1,1,1-Trichloroethane	99		90		70-130	10		30
Bromodichloromethane	101		93		70-130	8		30
trans-1,3-Dichloropropene	103		96		70-130	7		30
cis-1,3-Dichloropropene	106		99		70-130	7		30
1,1-Dichloropropene	98		90		70-130	9		30
Bromoform	93		86		70-130	8		30
1,1,2,2-Tetrachloroethane	89		83		70-130	7		30
Benzene	102		94		70-130	8		30
Toluene	98		90		70-130	9		30
Ethylbenzene	102		93		70-130	9		30
Chloromethane	86		78		52-130	10		30
Bromomethane	103		91		57-147	12		30

Lab Control Sample Analysis

Batch Quality Control

Project Name: 2925 WESTCHESTER AVE.

Project Number: 2925 WESTCHESTER AVE

Lab Number: L2008988

Report Date: 03/12/20

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by EPA 5035 High - Westborough Lab Associated sample(s): 06 Batch: WG1349562-3 WG1349562-4								
Vinyl chloride	90		81		67-130	11		30
Chloroethane	99		89		50-151	11		30
1,1-Dichloroethene	96		88		65-135	9		30
trans-1,2-Dichloroethene	99		92		70-130	7		30
Trichloroethene	98		91		70-130	7		30
1,2-Dichlorobenzene	104		94		70-130	10		30
1,3-Dichlorobenzene	104		92		70-130	12		30
1,4-Dichlorobenzene	104		94		70-130	10		30
Methyl tert butyl ether	106		103		66-130	3		30
p/m-Xylene	98		89		70-130	10		30
o-Xylene	102		93		70-130	9		30
cis-1,2-Dichloroethene	103		95		70-130	8		30
Dibromomethane	103		96		70-130	7		30
Styrene	104		96		70-130	8		30
Dichlorodifluoromethane	59		54		30-146	9		30
Acetone	96		96		54-140	0		30
Carbon disulfide	95		87		59-130	9		30
2-Butanone	91		88		70-130	3		30
Vinyl acetate	102		99		70-130	3		30
4-Methyl-2-pentanone	85		81		70-130	5		30
1,2,3-Trichloropropane	91		86		68-130	6		30
2-Hexanone	80		80		70-130	0		30
Bromochloromethane	108		102		70-130	6		30

Lab Control Sample Analysis

Batch Quality Control

Project Name: 2925 WESTCHESTER AVE.

Project Number: 2925 WESTCHESTER AVE

Lab Number: L2008988

Report Date: 03/12/20

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by EPA 5035 High - Westborough Lab Associated sample(s): 06 Batch: WG1349562-3 WG1349562-4								
2,2-Dichloropropane	102		94		70-130	8		30
1,2-Dibromoethane	98		93		70-130	5		30
1,3-Dichloropropane	102		96		69-130	6		30
1,1,1,2-Tetrachloroethane	104		97		70-130	7		30
Bromobenzene	100		90		70-130	11		30
n-Butylbenzene	101		89		70-130	13		30
sec-Butylbenzene	99		86		70-130	14		30
tert-Butylbenzene	97		86		70-130	12		30
o-Chlorotoluene	116		102		70-130	13		30
p-Chlorotoluene	100		88		70-130	13		30
1,2-Dibromo-3-chloropropane	76		77		68-130	1		30
Hexachlorobutadiene	99		87		67-130	13		30
Isopropylbenzene	99		86		70-130	14		30
p-Isopropyltoluene	101		89		70-130	13		30
Naphthalene	98		92		70-130	6		30
Acrylonitrile	87		86		70-130	1		30
n-Propylbenzene	99		87		70-130	13		30
1,2,3-Trichlorobenzene	111		101		70-130	9		30
1,2,4-Trichlorobenzene	112		102		70-130	9		30
1,3,5-Trimethylbenzene	101		88		70-130	14		30
1,2,4-Trimethylbenzene	101		91		70-130	10		30
1,4-Dioxane	97		92		65-136	5		30
p-Diethylbenzene	102		90		70-130	13		30

Lab Control Sample Analysis
Batch Quality Control

Project Name: 2925 WESTCHESTER AVE.
Project Number: 2925 WESTCHESTER AVE

Lab Number: L2008988
Report Date: 03/12/20

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by EPA 5035 High - Westborough Lab Associated sample(s): 06 Batch: WG1349562-3 WG1349562-4								
p-Ethyltoluene	99		88		70-130	12		30
1,2,4,5-Tetramethylbenzene	112		102		70-130	9		30
Ethyl ether	109		102		67-130	7		30
trans-1,4-Dichloro-2-butene	79		77		70-130	3		30

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
1,2-Dichloroethane-d4	99		99		70-130
Toluene-d8	96		96		70-130
4-Bromofluorobenzene	95		93		70-130
Dibromofluoromethane	103		101		70-130

Lab Control Sample Analysis
Batch Quality Control

Project Name: 2925 WESTCHESTER AVE.
Project Number: 2925 WESTCHESTER AVE

Lab Number: L2008988
Report Date: 03/12/20

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by EPA 5035 Low - Westborough Lab Associated sample(s): 18,21-22 Batch: WG1349610-3 WG1349610-4								
Methylene chloride	103		104		70-130	1		30
1,1-Dichloroethane	121		121		70-130	0		30
Chloroform	109		110		70-130	1		30
Carbon tetrachloride	101		103		70-130	2		30
1,2-Dichloropropane	121		115		70-130	5		30
Dibromochloromethane	100		100		70-130	0		30
1,1,2-Trichloroethane	105		104		70-130	1		30
Tetrachloroethene	101		89		70-130	13		30
Chlorobenzene	106		104		70-130	2		30
Trichlorofluoromethane	94		93		70-139	1		30
1,2-Dichloroethane	114		116		70-130	2		30
1,1,1-Trichloroethane	105		107		70-130	2		30
Bromodichloromethane	108		105		70-130	3		30
trans-1,3-Dichloropropene	104		92		70-130	12		30
cis-1,3-Dichloropropene	110		101		70-130	9		30
1,1-Dichloropropene	114		113		70-130	1		30
Bromoform	102		105		70-130	3		30
1,1,2,2-Tetrachloroethane	107		112		70-130	5		30
Benzene	112		112		70-130	0		30
Toluene	108		106		70-130	2		30
Ethylbenzene	104		103		70-130	1		30
Chloromethane	124		122		52-130	2		30
Bromomethane	119		117		57-147	2		30

Lab Control Sample Analysis
Batch Quality Control

Project Name: 2925 WESTCHESTER AVE.
Project Number: 2925 WESTCHESTER AVE

Lab Number: L2008988
Report Date: 03/12/20

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by EPA 5035 Low - Westborough Lab Associated sample(s): 18,21-22 Batch: WG1349610-3 WG1349610-4								
Vinyl chloride	99		97		67-130	2		30
Chloroethane	86		85		50-151	1		30
1,1-Dichloroethene	109		109		65-135	0		30
trans-1,2-Dichloroethene	111		111		70-130	0		30
Trichloroethene	111		111		70-130	0		30
1,2-Dichlorobenzene	103		98		70-130	5		30
1,3-Dichlorobenzene	105		102		70-130	3		30
1,4-Dichlorobenzene	101		99		70-130	2		30
Methyl tert butyl ether	104		106		66-130	2		30
p/m-Xylene	105		105		70-130	0		30
o-Xylene	104		109		70-130	5		30
cis-1,2-Dichloroethene	112		112		70-130	0		30
Dibromomethane	104		100		70-130	4		30
Styrene	101		107		70-130	6		30
Dichlorodifluoromethane	120		120		30-146	0		30
Acetone	130		134		54-140	3		30
Carbon disulfide	107		108		59-130	1		30
2-Butanone	118		124		70-130	5		30
Vinyl acetate	**134**	Q	**138**	Q	70-130	3		30
4-Methyl-2-pentanone	109		97		70-130	12		30
1,2,3-Trichloropropane	106		110		68-130	4		30
2-Hexanone	122		129		70-130	6		30
Bromochloromethane	111		113		70-130	2		30

Lab Control Sample Analysis
Batch Quality Control

Project Name: 2925 WESTCHESTER AVE.
Project Number: 2925 WESTCHESTER AVE

Lab Number: L2008988
Report Date: 03/12/20

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by EPA 5035 Low - Westborough Lab Associated sample(s): 18,21-22 Batch: WG1349610-3 WG1349610-4								
2,2-Dichloropropane	101		100		70-130	1		30
1,2-Dibromoethane	104		106		70-130	2		30
1,3-Dichloropropane	107		106		69-130	1		30
1,1,1,2-Tetrachloroethane	111		112		70-130	1		30
Bromobenzene	103		104		70-130	1		30
n-Butylbenzene	103		88		70-130	16		30
sec-Butylbenzene	107		105		70-130	2		30
tert-Butylbenzene	105		105		70-130	0		30
o-Chlorotoluene	106		103		70-130	3		30
p-Chlorotoluene	105		103		70-130	2		30
1,2-Dibromo-3-chloropropane	90		91		68-130	1		30
Hexachlorobutadiene	94		88		67-130	7		30
Isopropylbenzene	106		105		70-130	1		30
p-Isopropyltoluene	106		104		70-130	2		30
Naphthalene	105		97		70-130	8		30
Acrylonitrile	125		130		70-130	4		30
n-Propylbenzene	105		104		70-130	1		30
1,2,3-Trichlorobenzene	96		88		70-130	9		30
1,2,4-Trichlorobenzene	93		83		70-130	11		30
1,3,5-Trimethylbenzene	104		103		70-130	1		30
1,2,4-Trimethylbenzene	104		102		70-130	2		30
1,4-Dioxane	100		103		65-136	3		30
p-Diethylbenzene	106		98		70-130	8		30

Lab Control Sample Analysis
Batch Quality Control

Project Name: 2925 WESTCHESTER AVE.
Project Number: 2925 WESTCHESTER AVE

Lab Number: L2008988
Report Date: 03/12/20

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by EPA 5035 Low - Westborough Lab Associated sample(s): 18,21-22 Batch: WG1349610-3 WG1349610-4								
p-Ethyltoluene	107		104		70-130	3		30
1,2,4,5-Tetramethylbenzene	102		96		70-130	6		30
Ethyl ether	110		112		67-130	2		30
trans-1,4-Dichloro-2-butene	109		113		70-130	4		30

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
1,2-Dichloroethane-d4	102		105		70-130
Toluene-d8	101		98		70-130
4-Bromofluorobenzene	103		103		70-130
Dibromofluoromethane	100		100		70-130

Lab Control Sample Analysis
Batch Quality Control

Project Name: 2925 WESTCHESTER AVE.
Project Number: 2925 WESTCHESTER AVE

Lab Number: L2008988
Report Date: 03/12/20

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by EPA 5035 High - Westborough Lab Associated sample(s): 07,10,17 Batch: WG1349926-3 WG1349926-4								
Methylene chloride	103		104		70-130	1		30
1,1-Dichloroethane	121		121		70-130	0		30
Chloroform	109		110		70-130	1		30
Carbon tetrachloride	101		103		70-130	2		30
1,2-Dichloropropane	121		115		70-130	5		30
Dibromochloromethane	100		100		70-130	0		30
1,1,2-Trichloroethane	105		104		70-130	1		30
Tetrachloroethene	101		89		70-130	13		30
Chlorobenzene	106		104		70-130	2		30
Trichlorofluoromethane	94		93		70-139	1		30
1,2-Dichloroethane	114		116		70-130	2		30
1,1,1-Trichloroethane	105		107		70-130	2		30
Bromodichloromethane	108		105		70-130	3		30
trans-1,3-Dichloropropene	104		92		70-130	12		30
cis-1,3-Dichloropropene	110		101		70-130	9		30
1,1-Dichloropropene	114		113		70-130	1		30
Bromoform	102		105		70-130	3		30
1,1,2,2-Tetrachloroethane	107		112		70-130	5		30
Benzene	112		112		70-130	0		30
Toluene	108		106		70-130	2		30
Ethylbenzene	104		103		70-130	1		30
Chloromethane	124		122		52-130	2		30
Bromomethane	119		117		57-147	2		30

Lab Control Sample Analysis
Batch Quality Control

Project Name: 2925 WESTCHESTER AVE.
Project Number: 2925 WESTCHESTER AVE

Lab Number: L2008988
Report Date: 03/12/20

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by EPA 5035 High - Westborough Lab Associated sample(s): 07,10,17 Batch: WG1349926-3 WG1349926-4								
Vinyl chloride	99		97		67-130	2		30
Chloroethane	86		85		50-151	1		30
1,1-Dichloroethene	109		109		65-135	0		30
trans-1,2-Dichloroethene	111		111		70-130	0		30
Trichloroethene	111		111		70-130	0		30
1,2-Dichlorobenzene	103		98		70-130	5		30
1,3-Dichlorobenzene	105		102		70-130	3		30
1,4-Dichlorobenzene	101		99		70-130	2		30
Methyl tert butyl ether	104		106		66-130	2		30
p/m-Xylene	105		105		70-130	0		30
o-Xylene	104		109		70-130	5		30
cis-1,2-Dichloroethene	112		112		70-130	0		30
Dibromomethane	104		100		70-130	4		30
Styrene	101		107		70-130	6		30
Dichlorodifluoromethane	120		120		30-146	0		30
Acetone	130		134		54-140	3		30
Carbon disulfide	107		108		59-130	1		30
2-Butanone	118		124		70-130	5		30
Vinyl acetate	**134**	Q	**138**	Q	70-130	3		30
4-Methyl-2-pentanone	109		97		70-130	12		30
1,2,3-Trichloropropane	106		110		68-130	4		30
2-Hexanone	122		129		70-130	6		30
Bromochloromethane	111		113		70-130	2		30

Lab Control Sample Analysis

Batch Quality Control

Project Name: 2925 WESTCHESTER AVE.

Project Number: 2925 WESTCHESTER AVE

Lab Number: L2008988

Report Date: 03/12/20

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by EPA 5035 High - Westborough Lab Associated sample(s): 07,10,17 Batch: WG1349926-3 WG1349926-4								
2,2-Dichloropropane	101		100		70-130	1		30
1,2-Dibromoethane	104		106		70-130	2		30
1,3-Dichloropropane	107		106		69-130	1		30
1,1,1,2-Tetrachloroethane	111		112		70-130	1		30
Bromobenzene	103		104		70-130	1		30
n-Butylbenzene	103		88		70-130	16		30
sec-Butylbenzene	107		105		70-130	2		30
tert-Butylbenzene	105		105		70-130	0		30
o-Chlorotoluene	106		103		70-130	3		30
p-Chlorotoluene	105		103		70-130	2		30
1,2-Dibromo-3-chloropropane	90		91		68-130	1		30
Hexachlorobutadiene	94		88		67-130	7		30
Isopropylbenzene	106		105		70-130	1		30
p-Isopropyltoluene	106		104		70-130	2		30
Naphthalene	105		97		70-130	8		30
Acrylonitrile	125		130		70-130	4		30
n-Propylbenzene	105		104		70-130	1		30
1,2,3-Trichlorobenzene	96		88		70-130	9		30
1,2,4-Trichlorobenzene	93		83		70-130	11		30
1,3,5-Trimethylbenzene	104		103		70-130	1		30
1,2,4-Trimethylbenzene	104		102		70-130	2		30
1,4-Dioxane	100		103		65-136	3		30
p-Diethylbenzene	106		98		70-130	8		30

Lab Control Sample Analysis
Batch Quality Control

Project Name: 2925 WESTCHESTER AVE.
Project Number: 2925 WESTCHESTER AVE

Lab Number: L2008988
Report Date: 03/12/20

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by EPA 5035 High - Westborough Lab Associated sample(s): 07,10,17 Batch: WG1349926-3 WG1349926-4								
p-Ethyltoluene	107		104		70-130	3		30
1,2,4,5-Tetramethylbenzene	102		96		70-130	6		30
Ethyl ether	110		112		67-130	2		30
trans-1,4-Dichloro-2-butene	109		113		70-130	4		30

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
1,2-Dichloroethane-d4	102		105		70-130
Toluene-d8	101		98		70-130
4-Bromofluorobenzene	103		103		70-130
Dibromofluoromethane	100		100		70-130

Lab Control Sample Analysis
Batch Quality Control

Project Name: 2925 WESTCHESTER AVE.
Project Number: 2925 WESTCHESTER AVE

Lab Number: L2008988
Report Date: 03/12/20

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by EPA 5035 High - Westborough Lab Associated sample(s): 09 Batch: WG1349943-3 WG1349943-4								
Methylene chloride	91		89		70-130	2		30
1,1-Dichloroethane	106		106		70-130	0		30
Chloroform	95		94		70-130	1		30
Carbon tetrachloride	96		94		70-130	2		30
1,2-Dichloropropane	120		104		70-130	14		30
Dibromochloromethane	88		87		70-130	1		30
1,1,2-Trichloroethane	95		92		70-130	3		30
Tetrachloroethene	86		86		70-130	0		30
Chlorobenzene	97		94		70-130	3		30
Trichlorofluoromethane	103		86		70-139	18		30
1,2-Dichloroethane	102		104		70-130	2		30
1,1,1-Trichloroethane	91		90		70-130	1		30
Bromodichloromethane	104		93		70-130	11		30
trans-1,3-Dichloropropene	100		100		70-130	0		30
cis-1,3-Dichloropropene	107		95		70-130	12		30
1,1-Dichloropropene	94		93		70-130	1		30
Bromoform	101		90		70-130	12		30
1,1,2,2-Tetrachloroethane	104		90		70-130	14		30
Benzene	92		91		70-130	1		30
Toluene	102		93		70-130	9		30
Ethylbenzene	100		99		70-130	1		30
Chloromethane	116		111		52-130	4		30
Bromomethane	125		116		57-147	7		30

Lab Control Sample Analysis

Batch Quality Control

Project Name: 2925 WESTCHESTER AVE.

Project Number: 2925 WESTCHESTER AVE

Lab Number: L2008988

Report Date: 03/12/20

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by EPA 5035 High - Westborough Lab Associated sample(s): 09 Batch: WG1349943-3 WG1349943-4								
Vinyl chloride	107		101		67-130	6		30
Chloroethane	113		106		50-151	6		30
1,1-Dichloroethene	88		87		65-135	1		30
trans-1,2-Dichloroethene	94		91		70-130	3		30
Trichloroethene	89		89		70-130	0		30
1,2-Dichlorobenzene	101		112		70-130	10		30
1,3-Dichlorobenzene	101		105		70-130	4		30
1,4-Dichlorobenzene	102		100		70-130	2		30
Methyl tert butyl ether	96		94		66-130	2		30
p/m-Xylene	93		94		70-130	1		30
o-Xylene	87		90		70-130	3		30
cis-1,2-Dichloroethene	92		92		70-130	0		30
Dibromomethane	99		91		70-130	8		30
Styrene	88		91		70-130	3		30
Dichlorodifluoromethane	67		66		30-146	2		30
Acetone	112		98		54-140	13		30
Carbon disulfide	87		85		59-130	2		30
2-Butanone	101		92		70-130	9		30
Vinyl acetate	102		101		70-130	1		30
4-Methyl-2-pentanone	110		108		70-130	2		30
1,2,3-Trichloropropane	106		100		68-130	6		30
2-Hexanone	103		108		70-130	5		30
Bromochloromethane	86		87		70-130	1		30

Lab Control Sample Analysis

Batch Quality Control

Project Name: 2925 WESTCHESTER AVE.

Project Number: 2925 WESTCHESTER AVE

Lab Number: L2008988

Report Date: 03/12/20

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by EPA 5035 High - Westborough Lab Associated sample(s): 09 Batch: WG1349943-3 WG1349943-4								
2,2-Dichloropropane	97		95		70-130	2		30
1,2-Dibromoethane	92		101		70-130	9		30
1,3-Dichloropropane	99		96		69-130	3		30
1,1,1,2-Tetrachloroethane	86		88		70-130	2		30
Bromobenzene	105		98		70-130	7		30
n-Butylbenzene	107		103		70-130	4		30
sec-Butylbenzene	104		110		70-130	6		30
tert-Butylbenzene	102		100		70-130	2		30
o-Chlorotoluene	108		103		70-130	5		30
p-Chlorotoluene	109		102		70-130	7		30
1,2-Dibromo-3-chloropropane	96		98		68-130	2		30
Hexachlorobutadiene	109		104		67-130	5		30
Isopropylbenzene	110		102		70-130	8		30
p-Isopropyltoluene	104		114		70-130	9		30
Naphthalene	98		97		70-130	1		30
Acrylonitrile	111		111		70-130	0		30
n-Propylbenzene	109		100		70-130	9		30
1,2,3-Trichlorobenzene	102		107		70-130	5		30
1,2,4-Trichlorobenzene	121		108		70-130	11		30
1,3,5-Trimethylbenzene	109		103		70-130	6		30
1,2,4-Trimethylbenzene	108		112		70-130	4		30
1,4-Dioxane	122		112		65-136	9		30
p-Diethylbenzene	111		106		70-130	5		30

Lab Control Sample Analysis
Batch Quality Control

Project Name: 2925 WESTCHESTER AVE.
Project Number: 2925 WESTCHESTER AVE

Lab Number: L2008988
Report Date: 03/12/20

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by EPA 5035 High - Westborough Lab Associated sample(s): 09 Batch: WG1349943-3 WG1349943-4								
p-Ethyltoluene	115		104		70-130	10		30
1,2,4,5-Tetramethylbenzene	109		109		70-130	0		30
Ethyl ether	96		93		67-130	3		30
trans-1,4-Dichloro-2-butene	123		126		70-130	2		30

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
1,2-Dichloroethane-d4	105		109		70-130
Toluene-d8	102		100		70-130
4-Bromofluorobenzene	109		98		70-130
Dibromofluoromethane	96		97		70-130

INORGANICS
&
MISCELLANEOUS

Project Name: 2925 WESTCHESTER AVE.
Project Number: 2925 WESTCHESTER AVE

Lab Number: L2008988
Report Date: 03/12/20

SAMPLE RESULTS

Lab ID: L2008988-01
Client ID: SB-5 (0-1)
Sample Location: 2925 WESTCHESTER AVE.

Date Collected: 02/27/20 09:15
Date Received: 02/28/20
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	89.3		%	0.100	NA	1	-	02/29/20 11:04	121,2540G	RI

Project Name: 2925 WESTCHESTER AVE.
Project Number: 2925 WESTCHESTER AVE

Lab Number: L2008988
Report Date: 03/12/20

SAMPLE RESULTS

Lab ID: L2008988-02
Client ID: SB-5 (1-2)
Sample Location: 2925 WESTCHESTER AVE.

Date Collected: 02/27/20 09:20
Date Received: 02/28/20
Field Prep: Not Specified

Sample Depth:
Matrix: Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	91.6		%	0.100	NA	1	-	02/29/20 11:04	121,2540G	RI

Project Name: 2925 WESTCHESTER AVE.
Project Number: 2925 WESTCHESTER AVE

Lab Number: L2008988
Report Date: 03/12/20

SAMPLE RESULTS

Lab ID: L2008988-03
Client ID: SB-5 (2-3)
Sample Location: 2925 WESTCHESTER AVE.

Date Collected: 02/27/20 09:25
Date Received: 02/28/20
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	93.5		%	0.100	NA	1	-	02/29/20 11:04	121,2540G	RI

Project Name: 2925 WESTCHESTER AVE.
Project Number: 2925 WESTCHESTER AVE

Lab Number: L2008988
Report Date: 03/12/20

SAMPLE RESULTS

Lab ID: L2008988-04
Client ID: SB-5 (3-4)
Sample Location: 2925 WESTCHESTER AVE.

Date Collected: 02/27/20 09:30
Date Received: 02/28/20
Field Prep: Not Specified

Sample Depth:
Matrix: Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	91.5		%	0.100	NA	1	-	02/29/20 11:04	121,2540G	RI

Project Name: 2925 WESTCHESTER AVE.
Project Number: 2925 WESTCHESTER AVE

Lab Number: L2008988
Report Date: 03/12/20

SAMPLE RESULTS

Lab ID: L2008988-05
Client ID: SB-5-N (0-1)
Sample Location: 2925 WESTCHESTER AVE.

Date Collected: 02/27/20 10:00
Date Received: 02/28/20
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	77.3		%	0.100	NA	1	-	03/06/20 12:44	121,2540G	RI

Project Name: 2925 WESTCHESTER AVE.
Project Number: 2925 WESTCHESTER AVE

Lab Number: L2008988
Report Date: 03/12/20

SAMPLE RESULTS

Lab ID: L2008988-06
Client ID: SB-5-N (1-2)
Sample Location: 2925 WESTCHESTER AVE.

Date Collected: 02/27/20 10:05
Date Received: 02/28/20
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	84.1		%	0.100	NA	1	-	03/11/20 00:55	121,2540G	YA

Project Name: 2925 WESTCHESTER AVE.
Project Number: 2925 WESTCHESTER AVE

Lab Number: L2008988
Report Date: 03/12/20

SAMPLE RESULTS

Lab ID: L2008988-07
Client ID: SB-5-N (2-3)
Sample Location: 2925 WESTCHESTER AVE.

Date Collected: 02/27/20 10:10
Date Received: 02/28/20
Field Prep: Not Specified

Sample Depth:
Matrix: Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	90.9		%	0.100	NA	1	-	03/11/20 00:55	121,2540G	YA

Project Name: 2925 WESTCHESTER AVE.
Project Number: 2925 WESTCHESTER AVE

Lab Number: L2008988
Report Date: 03/12/20

SAMPLE RESULTS

Lab ID: L2008988-08
Client ID: SB-5-W (0-1)
Sample Location: 2925 WESTCHESTER AVE.

Date Collected: 02/27/20 10:30
Date Received: 02/28/20
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	89.5		%	0.100	NA	1	-	03/06/20 12:44	121,2540G	RI

Project Name: 2925 WESTCHESTER AVE.
Project Number: 2925 WESTCHESTER AVE

Lab Number: L2008988
Report Date: 03/12/20

SAMPLE RESULTS

Lab ID: L2008988-09
Client ID: SB-5-W (1-2)
Sample Location: 2925 WESTCHESTER AVE.

Date Collected: 02/27/20 10:35
Date Received: 02/28/20
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	85.4		%	0.100	NA	1	-	03/11/20 00:55	121,2540G	YA

Project Name: 2925 WESTCHESTER AVE.
Project Number: 2925 WESTCHESTER AVE

Lab Number: L2008988
Report Date: 03/12/20

SAMPLE RESULTS

Lab ID: L2008988-10
Client ID: SB-5-W (2-3)
Sample Location: 2925 WESTCHESTER AVE.

Date Collected: 02/27/20 10:40
Date Received: 02/28/20
Field Prep: Not Specified

Sample Depth:
Matrix: Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	89.4		%	0.100	NA	1	-	03/11/20 00:55	121,2540G	YA

Project Name: 2925 WESTCHESTER AVE.
Project Number: 2925 WESTCHESTER AVE

Lab Number: L2008988
Report Date: 03/12/20

SAMPLE RESULTS

Lab ID: L2008988-11
Client ID: SB-5-E (0-1)
Sample Location: 2925 WESTCHESTER AVE.

Date Collected: 02/27/20 11:00
Date Received: 02/28/20
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	80.2		%	0.100	NA	1	-	03/06/20 12:44	121,2540G	RI

Project Name: 2925 WESTCHESTER AVE.
Project Number: 2925 WESTCHESTER AVE

Lab Number: L2008988
Report Date: 03/12/20

SAMPLE RESULTS

Lab ID: L2008988-17
Client ID: SB-5-W2 (0-1)
Sample Location: 2925 WESTCHESTER AVE.

Date Collected: 02/27/20 12:00
Date Received: 02/28/20
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	80.8		%	0.100	NA	1	-	03/11/20 00:55	121,2540G	YA

Project Name: 2925 WESTCHESTER AVE.
Project Number: 2925 WESTCHESTER AVE

Lab Number: L2008988
Report Date: 03/12/20

SAMPLE RESULTS

Lab ID: L2008988-18
Client ID: SB-5-W2 (1-2)
Sample Location: 2925 WESTCHESTER AVE.

Date Collected: 02/27/20 12:05
Date Received: 02/28/20
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	88.7		%	0.100	NA	1	-	03/11/20 00:55	121,2540G	YA

Project Name: 2925 WESTCHESTER AVE.
Project Number: 2925 WESTCHESTER AVE

Lab Number: L2008988
Report Date: 03/12/20

SAMPLE RESULTS

Lab ID: L2008988-20
Client ID: SB-5-S (0-1)
Sample Location: 2925 WESTCHESTER AVE.

Date Collected: 02/27/20 12:20
Date Received: 02/28/20
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	81.0		%	0.100	NA	1	-	03/06/20 12:44	121,2540G	RI

Project Name: 2925 WESTCHESTER AVE.
Project Number: 2925 WESTCHESTER AVE

Lab Number: L2008988
Report Date: 03/12/20

SAMPLE RESULTS

Lab ID: L2008988-21
Client ID: SB-5-S (1-2)
Sample Location: 2925 WESTCHESTER AVE.

Date Collected: 02/27/20 12:25
Date Received: 02/28/20
Field Prep: Not Specified

Sample Depth:
Matrix: Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	92.0		%	0.100	NA	1	-	03/11/20 00:55	121,2540G	YA

Project Name: 2925 WESTCHESTER AVE.
Project Number: 2925 WESTCHESTER AVE

Lab Number: L2008988
Report Date: 03/12/20

SAMPLE RESULTS

Lab ID: L2008988-22
Client ID: SB-5-S (2-3)
Sample Location: 2925 WESTCHESTER AVE.

Date Collected: 02/27/20 12:30
Date Received: 02/28/20
Field Prep: Not Specified

Sample Depth:
Matrix: Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	92.4		%	0.100	NA	1	-	03/11/20 00:55	121,2540G	YA

Lab Duplicate Analysis

Batch Quality Control

Project Name: 2925 WESTCHESTER AVE.

Project Number: 2925 WESTCHESTER AVE

Lab Number: L2008988

Report Date: 03/12/20

Parameter	Native Sample	Duplicate Sample	Units	RPD	Qual	RPD Limits
General Chemistry - Westborough Lab Associated sample(s): 01-04 QC Batch ID: WG1345724-1 QC Sample: L2009085-01 Client ID: DUP Sample						
Solids, Total	85.4	86.0	%	1		20
General Chemistry - Westborough Lab Associated sample(s): 05,08,11,20 QC Batch ID: WG1348102-1 QC Sample: L2009909-01 Client ID: DUP Sample						
Solids, Total	82.3	79.3	%	4		20
General Chemistry - Westborough Lab Associated sample(s): 06-07,09-10,17-18,21-22 QC Batch ID: WG1349530-1 QC Sample: L2008988-06 Client ID: SB-5-N (1-2)						
Solids, Total	84.1	82.4	%	2		20

Project Name: 2925 WESTCHESTER AVE.
Project Number: 2925 WESTCHESTER AVE

Lab Number: L2008988
Report Date: 03/12/20

Sample Receipt and Container Information

Were project specific reporting limits specified? YES

Cooler Information

Cooler	Custody Seal
A	Absent

Container Information

Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
L2008988-01A	5 gram Encore Sampler	A	NA		2.4	Y	Absent		NYTCL-8260HLW(14)
L2008988-01B	5 gram Encore Sampler	A	NA		2.4	Y	Absent		NYTCL-8260HLW(14)
L2008988-01C	5 gram Encore Sampler	A	NA		2.4	Y	Absent		NYTCL-8260HLW(14)
L2008988-01D	Plastic 2oz unpreserved for TS	A	NA		2.4	Y	Absent		TS(7)
L2008988-01X	Vial MeOH preserved split	A	NA		2.4	Y	Absent		NYTCL-8260HLW(14)
L2008988-01Y	Vial Water preserved split	A	NA		2.4	Y	Absent	29-FEB-20 04:06	NYTCL-8260HLW(14)
L2008988-01Z	Vial Water preserved split	A	NA		2.4	Y	Absent	29-FEB-20 04:06	NYTCL-8260HLW(14)
L2008988-02A	5 gram Encore Sampler	A	NA		2.4	Y	Absent		NYTCL-8260HLW(14)
L2008988-02B	5 gram Encore Sampler	A	NA		2.4	Y	Absent		NYTCL-8260HLW(14)
L2008988-02C	5 gram Encore Sampler	A	NA		2.4	Y	Absent		NYTCL-8260HLW(14)
L2008988-02D	Plastic 2oz unpreserved for TS	A	NA		2.4	Y	Absent		TS(7)
L2008988-02X	Vial MeOH preserved split	A	NA		2.4	Y	Absent		NYTCL-8260HLW(14)
L2008988-02Y	Vial Water preserved split	A	NA		2.4	Y	Absent	29-FEB-20 04:06	NYTCL-8260HLW(14)
L2008988-02Z	Vial Water preserved split	A	NA		2.4	Y	Absent	29-FEB-20 04:06	NYTCL-8260HLW(14)
L2008988-03A	5 gram Encore Sampler	A	NA		2.4	Y	Absent		NYTCL-8260HLW(14)
L2008988-03B	5 gram Encore Sampler	A	NA		2.4	Y	Absent		NYTCL-8260HLW(14)
L2008988-03C	5 gram Encore Sampler	A	NA		2.4	Y	Absent		NYTCL-8260HLW(14)
L2008988-03D	Plastic 2oz unpreserved for TS	A	NA		2.4	Y	Absent		TS(7)
L2008988-03X	Vial MeOH preserved split	A	NA		2.4	Y	Absent		NYTCL-8260HLW(14)
L2008988-03Y	Vial Water preserved split	A	NA		2.4	Y	Absent	29-FEB-20 04:06	NYTCL-8260HLW(14)
L2008988-03Z	Vial Water preserved split	A	NA		2.4	Y	Absent	29-FEB-20 04:06	NYTCL-8260HLW(14)
L2008988-04A	5 gram Encore Sampler	A	NA		2.4	Y	Absent		NYTCL-8260HLW(14)
L2008988-04B	5 gram Encore Sampler	A	NA		2.4	Y	Absent		NYTCL-8260HLW(14)

*Values in parentheses indicate holding time in days

Project Name: 2925 WESTCHESTER AVE.
Project Number: 2925 WESTCHESTER AVE

Lab Number: L2008988
Report Date: 03/12/20

Container Information

Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
L2008988-04C	5 gram Encore Sampler	A	NA		2.4	Y	Absent		NYTCL-8260HLW(14)
L2008988-04D	Plastic 2oz unpreserved for TS	A	NA		2.4	Y	Absent		TS(7)
L2008988-04X	Vial MeOH preserved split	A	NA		2.4	Y	Absent		NYTCL-8260HLW(14)
L2008988-04Y	Vial Water preserved split	A	NA		2.4	Y	Absent	29-FEB-20 04:06	NYTCL-8260HLW(14)
L2008988-04Z	Vial Water preserved split	A	NA		2.4	Y	Absent	29-FEB-20 04:06	NYTCL-8260HLW(14)
L2008988-05A	5 gram Encore Sampler	A	NA		2.4	Y	Absent		NYTCL-8260HLW(14)
L2008988-05B	5 gram Encore Sampler	A	NA		2.4	Y	Absent		NYTCL-8260HLW(14)
L2008988-05C	5 gram Encore Sampler	A	NA		2.4	Y	Absent		NYTCL-8260HLW(14)
L2008988-05D	Plastic 2oz unpreserved for TS	A	NA		2.4	Y	Absent		TS(7)
L2008988-05X	Vial MeOH preserved split	A	NA		2.4	Y	Absent		NYTCL-8260HLW(14)
L2008988-05Y	Vial Water preserved split	A	NA		2.4	Y	Absent	29-FEB-20 04:06	NYTCL-8260HLW(14)
L2008988-05Z	Vial Water preserved split	A	NA		2.4	Y	Absent	29-FEB-20 04:06	NYTCL-8260HLW(14)
L2008988-06A	5 gram Encore Sampler	A	NA		2.4	Y	Absent		NYTCL-8260HLW(14)
L2008988-06B	5 gram Encore Sampler	A	NA		2.4	Y	Absent		NYTCL-8260HLW(14)
L2008988-06C	5 gram Encore Sampler	A	NA		2.4	Y	Absent		NYTCL-8260HLW(14)
L2008988-06D	Plastic 2oz unpreserved for TS	A	NA		2.4	Y	Absent		TS(7)
L2008988-06X	Vial MeOH preserved split	A	NA		2.4	Y	Absent		NYTCL-8260HLW(14)
L2008988-06Y	Vial Water preserved split	A	NA		2.4	Y	Absent	29-FEB-20 04:06	NYTCL-8260HLW(14)
L2008988-06Z	Vial Water preserved split	A	NA		2.4	Y	Absent	29-FEB-20 04:06	NYTCL-8260HLW(14)
L2008988-07A	5 gram Encore Sampler	A	NA		2.4	Y	Absent		NYTCL-8260HLW(14)
L2008988-07B	5 gram Encore Sampler	A	NA		2.4	Y	Absent		NYTCL-8260HLW(14)
L2008988-07C	5 gram Encore Sampler	A	NA		2.4	Y	Absent		NYTCL-8260HLW(14)
L2008988-07D	Plastic 2oz unpreserved for TS	A	NA		2.4	Y	Absent		HOLD-CONTINGENCY(14),TS(7)
L2008988-07X	Vial MeOH preserved split	A	NA		2.4	Y	Absent		NYTCL-8260HLW(14)
L2008988-07Y	Vial Water preserved split	A	NA		2.4	Y	Absent	29-FEB-20 04:06	NYTCL-8260HLW(14)
L2008988-07Z	Vial Water preserved split	A	NA		2.4	Y	Absent	29-FEB-20 04:06	NYTCL-8260HLW(14)
L2008988-08A	5 gram Encore Sampler	A	NA		2.4	Y	Absent		NYTCL-8260HLW(14)
L2008988-08B	5 gram Encore Sampler	A	NA		2.4	Y	Absent		NYTCL-8260HLW(14)

*Values in parentheses indicate holding time in days

Container Information

Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
L2008988-08C	5 gram Encore Sampler	A	NA		2.4	Y	Absent		NYTCL-8260HLW(14)
L2008988-08D	Plastic 2oz unpreserved for TS	A	NA		2.4	Y	Absent		TS(7)
L2008988-08X	Vial MeOH preserved split	A	NA		2.4	Y	Absent		NYTCL-8260HLW(14)
L2008988-08Y	Vial Water preserved split	A	NA		2.4	Y	Absent	29-FEB-20 04:06	NYTCL-8260HLW(14)
L2008988-08Z	Vial Water preserved split	A	NA		2.4	Y	Absent	29-FEB-20 04:06	NYTCL-8260HLW(14)
L2008988-09A	5 gram Encore Sampler	A	NA		2.4	Y	Absent		NYTCL-8260HLW(14)
L2008988-09B	5 gram Encore Sampler	A	NA		2.4	Y	Absent		NYTCL-8260HLW(14)
L2008988-09C	5 gram Encore Sampler	A	NA		2.4	Y	Absent		NYTCL-8260HLW(14)
L2008988-09D	Plastic 2oz unpreserved for TS	A	NA		2.4	Y	Absent		HOLD-CONTINGENCY(14),TS(7)
L2008988-09X	Vial MeOH preserved split	A	NA		2.4	Y	Absent		NYTCL-8260HLW(14)
L2008988-09Y	Vial Water preserved split	A	NA		2.4	Y	Absent	29-FEB-20 04:06	NYTCL-8260HLW(14)
L2008988-09Z	Vial Water preserved split	A	NA		2.4	Y	Absent	29-FEB-20 04:06	NYTCL-8260HLW(14)
L2008988-10A	5 gram Encore Sampler	A	NA		2.4	Y	Absent		NYTCL-8260HLW(14)
L2008988-10B	5 gram Encore Sampler	A	NA		2.4	Y	Absent		NYTCL-8260HLW(14)
L2008988-10C	5 gram Encore Sampler	A	NA		2.4	Y	Absent		NYTCL-8260HLW(14)
L2008988-10D	Plastic 2oz unpreserved for TS	A	NA		2.4	Y	Absent		HOLD-CONTINGENCY(14),TS(7)
L2008988-10X	Vial MeOH preserved split	A	NA		2.4	Y	Absent		NYTCL-8260HLW(14)
L2008988-10Y	Vial Water preserved split	A	NA		2.4	Y	Absent	29-FEB-20 04:06	NYTCL-8260HLW(14)
L2008988-10Z	Vial Water preserved split	A	NA		2.4	Y	Absent	29-FEB-20 04:06	NYTCL-8260HLW(14)
L2008988-11A	5 gram Encore Sampler	A	NA		2.4	Y	Absent		NYTCL-8260HLW(14)
L2008988-11B	5 gram Encore Sampler	A	NA		2.4	Y	Absent		NYTCL-8260HLW(14)
L2008988-11C	5 gram Encore Sampler	A	NA		2.4	Y	Absent		NYTCL-8260HLW(14)
L2008988-11D	Plastic 2oz unpreserved for TS	A	NA		2.4	Y	Absent		TS(7)
L2008988-11X	Vial MeOH preserved split	A	NA		2.4	Y	Absent		NYTCL-8260HLW(14)
L2008988-11Y	Vial Water preserved split	A	NA		2.4	Y	Absent	29-FEB-20 05:10	NYTCL-8260HLW(14)
L2008988-11Z	Vial Water preserved split	A	NA		2.4	Y	Absent	29-FEB-20 05:10	NYTCL-8260HLW(14)
L2008988-12A	5 gram Encore Sampler	A	NA		2.4	Y	Absent		HOLD-8260HLW(14)
L2008988-12B	5 gram Encore Sampler	A	NA		2.4	Y	Absent		HOLD-8260HLW(14)

*Values in parentheses indicate holding time in days

Container Information

Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
L2008988-12C	5 gram Encore Sampler	A	NA		2.4	Y	Absent		HOLD-8260HLW(14)
L2008988-12D	Plastic 2oz unpreserved for TS	A	NA		2.4	Y	Absent		HOLD-CONTINGENCY(14)
L2008988-12X	Vial MeOH preserved split	A	NA		2.4	Y	Absent		HOLD-8260HLW(14)
L2008988-12Y	Vial Water preserved split	A	NA		2.4	Y	Absent	29-FEB-20 05:10	HOLD-8260HLW(14)
L2008988-12Z	Vial Water preserved split	A	NA		2.4	Y	Absent	29-FEB-20 05:10	HOLD-8260HLW(14)
L2008988-13A	5 gram Encore Sampler	A	NA		2.4	Y	Absent		HOLD-8260HLW(14)
L2008988-13B	5 gram Encore Sampler	A	NA		2.4	Y	Absent		HOLD-8260HLW(14)
L2008988-13C	5 gram Encore Sampler	A	NA		2.4	Y	Absent		HOLD-8260HLW(14)
L2008988-13D	Plastic 2oz unpreserved for TS	A	NA		2.4	Y	Absent		HOLD-CONTINGENCY(14)
L2008988-13X	Vial MeOH preserved split	A	NA		2.4	Y	Absent		HOLD-8260HLW(14)
L2008988-13Y	Vial Water preserved split	A	NA		2.4	Y	Absent	29-FEB-20 05:10	HOLD-8260HLW(14)
L2008988-13Z	Vial Water preserved split	A	NA		2.4	Y	Absent	29-FEB-20 05:10	HOLD-8260HLW(14)
L2008988-14A	5 gram Encore Sampler	A	NA		2.4	Y	Absent		HOLD-8260HLW(14)
L2008988-14B	5 gram Encore Sampler	A	NA		2.4	Y	Absent		HOLD-8260HLW(14)
L2008988-14C	5 gram Encore Sampler	A	NA		2.4	Y	Absent		HOLD-8260HLW(14)
L2008988-14D	Plastic 2oz unpreserved for TS	A	NA		2.4	Y	Absent		HOLD-CONTINGENCY(14)
L2008988-14X	Vial MeOH preserved split	A	NA		2.4	Y	Absent		HOLD-8260HLW(14)
L2008988-14Y	Vial Water preserved split	A	NA		2.4	Y	Absent	29-FEB-20 05:10	HOLD-8260HLW(14)
L2008988-14Z	Vial Water preserved split	A	NA		2.4	Y	Absent	29-FEB-20 05:10	HOLD-8260HLW(14)
L2008988-15A	5 gram Encore Sampler	A	NA		2.4	Y	Absent		HOLD-8260HLW(14)
L2008988-15B	5 gram Encore Sampler	A	NA		2.4	Y	Absent		HOLD-8260HLW(14)
L2008988-15C	5 gram Encore Sampler	A	NA		2.4	Y	Absent		HOLD-8260HLW(14)
L2008988-15D	Plastic 2oz unpreserved for TS	A	NA		2.4	Y	Absent		HOLD-CONTINGENCY(14)
L2008988-15X	Vial MeOH preserved split	A	NA		2.4	Y	Absent		HOLD-8260HLW(14)
L2008988-15Y	Vial Water preserved split	A	NA		2.4	Y	Absent	29-FEB-20 05:10	HOLD-8260HLW(14)
L2008988-15Z	Vial Water preserved split	A	NA		2.4	Y	Absent	29-FEB-20 05:10	HOLD-8260HLW(14)
L2008988-16A	5 gram Encore Sampler	A	NA		2.4	Y	Absent		HOLD-8260HLW(14)
L2008988-16B	5 gram Encore Sampler	A	NA		2.4	Y	Absent		HOLD-8260HLW(14)

*Values in parentheses indicate holding time in days

Project Name: 2925 WESTCHESTER AVE.
Project Number: 2925 WESTCHESTER AVE

Lab Number: L2008988
Report Date: 03/12/20

Container Information

Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
L2008988-16C	5 gram Encore Sampler	A	NA		2.4	Y	Absent		HOLD-8260HLW(14)
L2008988-16D	Plastic 2oz unpreserved for TS	A	NA		2.4	Y	Absent		HOLD-CONTINGENCY(14)
L2008988-16X	Vial MeOH preserved split	A	NA		2.4	Y	Absent		HOLD-8260HLW(14)
L2008988-16Y	Vial Water preserved split	A	NA		2.4	Y	Absent	29-FEB-20 05:10	HOLD-8260HLW(14)
L2008988-16Z	Vial Water preserved split	A	NA		2.4	Y	Absent	29-FEB-20 05:10	HOLD-8260HLW(14)
L2008988-17A	5 gram Encore Sampler	A	NA		2.4	Y	Absent		NYTCL-8260HLW(14)
L2008988-17B	5 gram Encore Sampler	A	NA		2.4	Y	Absent		NYTCL-8260HLW(14)
L2008988-17C	5 gram Encore Sampler	A	NA		2.4	Y	Absent		NYTCL-8260HLW(14)
L2008988-17D	Plastic 2oz unpreserved for TS	A	NA		2.4	Y	Absent		HOLD-CONTINGENCY(14),TS(7)
L2008988-17X	Vial MeOH preserved split	A	NA		2.4	Y	Absent		NYTCL-8260HLW(14)
L2008988-17Y	Vial Water preserved split	A	NA		2.4	Y	Absent	29-FEB-20 05:10	NYTCL-8260HLW(14)
L2008988-17Z	Vial Water preserved split	A	NA		2.4	Y	Absent	29-FEB-20 05:10	NYTCL-8260HLW(14)
L2008988-18A	5 gram Encore Sampler	A	NA		2.4	Y	Absent		NYTCL-8260HLW(14)
L2008988-18B	5 gram Encore Sampler	A	NA		2.4	Y	Absent		NYTCL-8260HLW(14)
L2008988-18C	5 gram Encore Sampler	A	NA		2.4	Y	Absent		NYTCL-8260HLW(14)
L2008988-18D	Plastic 2oz unpreserved for TS	A	NA		2.4	Y	Absent		HOLD-CONTINGENCY(14),TS(7)
L2008988-18X	Vial MeOH preserved split	A	NA		2.4	Y	Absent		NYTCL-8260HLW(14)
L2008988-18Y	Vial Water preserved split	A	NA		2.4	Y	Absent	29-FEB-20 05:10	NYTCL-8260HLW(14)
L2008988-18Z	Vial Water preserved split	A	NA		2.4	Y	Absent	29-FEB-20 05:10	NYTCL-8260HLW(14)
L2008988-19A	5 gram Encore Sampler	A	NA		2.4	Y	Absent		HOLD-8260HLW(14)
L2008988-19B	5 gram Encore Sampler	A	NA		2.4	Y	Absent		HOLD-8260HLW(14)
L2008988-19C	5 gram Encore Sampler	A	NA		2.4	Y	Absent		HOLD-8260HLW(14)
L2008988-19D	Plastic 2oz unpreserved for TS	A	NA		2.4	Y	Absent		HOLD-CONTINGENCY(14)
L2008988-19X	Vial MeOH preserved split	A	NA		2.4	Y	Absent		HOLD-8260HLW(14)
L2008988-19Y	Vial Water preserved split	A	NA		2.4	Y	Absent	29-FEB-20 05:10	HOLD-8260HLW(14)
L2008988-19Z	Vial Water preserved split	A	NA		2.4	Y	Absent	29-FEB-20 05:10	HOLD-8260HLW(14)
L2008988-20A	5 gram Encore Sampler	A	NA		2.4	Y	Absent		NYTCL-8260HLW(14)
L2008988-20B	5 gram Encore Sampler	A	NA		2.4	Y	Absent		NYTCL-8260HLW(14)

*Values in parentheses indicate holding time in days

Project Name: 2925 WESTCHESTER AVE.
Project Number: 2925 WESTCHESTER AVE

Lab Number: L2008988
Report Date: 03/12/20

Container Information

Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
L2008988-20C	5 gram Encore Sampler	A	NA		2.4	Y	Absent		NYTCL-8260HLW(14)
L2008988-20D	Plastic 2oz unpreserved for TS	A	NA		2.4	Y	Absent		TS(7)
L2008988-20X	Vial MeOH preserved split	A	NA		2.4	Y	Absent		NYTCL-8260HLW(14)
L2008988-20Y	Vial Water preserved split	A	NA		2.4	Y	Absent	29-FEB-20 05:10	NYTCL-8260HLW(14)
L2008988-20Z	Vial Water preserved split	A	NA		2.4	Y	Absent	29-FEB-20 05:10	NYTCL-8260HLW(14)
L2008988-21A	5 gram Encore Sampler	A	NA		2.4	Y	Absent		NYTCL-8260HLW(14)
L2008988-21B	5 gram Encore Sampler	A	NA		2.4	Y	Absent		NYTCL-8260HLW(14)
L2008988-21C	5 gram Encore Sampler	A	NA		2.4	Y	Absent		NYTCL-8260HLW(14)
L2008988-21D	Plastic 2oz unpreserved for TS	A	NA		2.4	Y	Absent		HOLD-CONTINGENCY(14),TS(7)
L2008988-21X	Vial MeOH preserved split	A	NA		2.4	Y	Absent		NYTCL-8260HLW(14)
L2008988-21Y	Vial Water preserved split	A	NA		2.4	Y	Absent	29-FEB-20 05:10	NYTCL-8260HLW(14)
L2008988-21Z	Vial Water preserved split	A	NA		2.4	Y	Absent	29-FEB-20 05:10	NYTCL-8260HLW(14)
L2008988-22A	5 gram Encore Sampler	A	NA		2.4	Y	Absent		NYTCL-8260HLW(14)
L2008988-22B	5 gram Encore Sampler	A	NA		2.4	Y	Absent		NYTCL-8260HLW(14)
L2008988-22C	5 gram Encore Sampler	A	NA		2.4	Y	Absent		NYTCL-8260HLW(14)
L2008988-22D	Plastic 2oz unpreserved for TS	A	NA		2.4	Y	Absent		HOLD-CONTINGENCY(14),TS(7)
L2008988-22X	Vial MeOH preserved split	A	NA		2.4	Y	Absent		NYTCL-8260HLW(14)
L2008988-22Y	Vial Water preserved split	A	NA		2.4	Y	Absent	29-FEB-20 05:10	NYTCL-8260HLW(14)
L2008988-22Z	Vial Water preserved split	A	NA		2.4	Y	Absent	29-FEB-20 05:10	NYTCL-8260HLW(14)

*Values in parentheses indicate holding time in days

Project Name:	2925 WESTCHESTER AVE.	**Lab Number:**	L2008988
Project Number:	2925 WESTCHESTER AVE	**Report Date:**	03/12/20

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.

RL - Reporting Limit: The value at which an instrument can accurately measure an analyte at a specific concentration. The RL includes any adjustments from dilutions, concentrations or moisture content, where applicable.

RPD - Relative Percent Difference: The results from matrix and/or matrix spike duplicates are primarily designed to assess the precision of analytical results in a given matrix and are expressed as relative percent difference (RPD). Values which are less than five times the reporting limit for any individual parameter are evaluated by utilizing the absolute difference between the values; although the RPD value will be provided in the report.

SRM - Standard Reference Material: A reference sample of a known or certified value that is of the same or similar matrix as the associated field samples.

STLP - Semi-dynamic Tank Leaching Procedure per EPA Method 1315.

TEF - Toxic Equivalency Factors: The values assigned to each dioxin and furan to evaluate their toxicity relative to 2,3,7,8-TCDD.

TEQ - Toxic Equivalent: The measure of a sample's toxicity derived by multiplying each dioxin and furan by its corresponding TEF and then summing the resulting values.

TIC - Tentatively Identified Compound: A compound that has been identified to be present and is not part of the target compound list (TCL) for the method and/or program. All TICs are qualitatively identified and reported as estimated concentrations.

Footnotes

Report Format: DU Report with 'J' Qualifiers

Project Name:	2925 WESTCHESTER AVE.	**Lab Number:**	L2008988
Project Number:	2925 WESTCHESTER AVE	**Report Date:**	03/12/20

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. 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.

G - The concentration may be biased high due to matrix interferences (i.e, co-elution) with non-target compound(s). The result should be considered estimated.

H - The analysis of pH was performed beyond the regulatory-required holding time of 15 minutes from the time of sample collection.

I - The lower value for the two columns has been reported due to obvious interference.

J - Estimated value. The Target analyte concentration is below the quantitation limit (RL), but above the Method Detection Limit (MDL) or Estimated Detection Limit (EDL) for SPME-related analyses. This represents an estimated concentration for Tentatively Identified Compounds (TICs).

M - Reporting Limit (RL) exceeds the MCP CAM Reporting Limit for this analyte.

ND - Not detected at the method detection limit (MDL) for the sample, or estimated detection limit (EDL) for SPME-related analyses.

NJ - Presumptive evidence of compound. This represents an estimated concentration for Tentatively Identified Compounds (TICs), where the identification is based on a mass spectral library search.

P - The RPD between the results for the two columns exceeds the method-specified criteria.

Q - The quality control sample exceeds the associated acceptance criteria. For DOD-related projects, LCS and/or Continuing Calibration

Report Format: DU Report with 'J' Qualifiers

Project Name:	2925 WESTCHESTER AVE.	**Lab Number:**	L2008988
Project Number:	2925 WESTCHESTER AVE	**Report Date:**	03/12/20

Data Qualifiers

Standard exceedences are also qualified on all associated sample results. Note: This flag is not applicable for matrix spike recoveries when the sample concentration is greater than 4x the spike added or for batch duplicate RPD when the sample concentrations are less than 5x the RL. (Metals only.)

R - Analytical results are from sample re-analysis.

RE - Analytical results are from sample re-extraction.

S - Analytical results are from modified screening analysis.

Report Format: DU Report with 'J' Qualifiers

Project Name:	2925 WESTCHESTER AVE.	**Lab Number:**	L2008988
Project Number:	2925 WESTCHESTER AVE	**Report Date:**	03/12/20

REFERENCES

1 Test Methods for Evaluating Solid Waste: Physical/Chemical Methods. EPA SW-846. Third Edition. Updates I - IV, 2007.

121 Standard Methods for the Examination of Water and Wastewater. APHA-AWWA-WEF. Standard Methods Online.

LIMITATION OF LIABILITIES

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

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

Certification Information

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

Westborough Facility
EPA 624/624.1: m/p-xylene, o-xylene
EPA 8260C: NPW: 1,2,4,5-Tetramethylbenzene; 4-Ethyltoluene, Azobenzene; SCM: Iodomethane (methyl iodide), 1,2,4,5-Tetramethylbenzene; 4-Ethyltoluene.
EPA 8270D: NPW: Dimethylnaphthalene,1,4-Diphenylhydrazine; 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.
EPA TO-12 Non-methane organics
EPA 3C Fixed gases
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, SM4500Cl-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, **LACHAT 10-107-06-1-B**: Ammonia-N, **EPA 351.1, SM4500NO3-F, EPA 353.2**: Nitrate-N**, SM4500P-E, SM4500P-B, E, SM4500SO4-E, SM5220D, EPA 410.4, SM5210B, SM5310C, SM4500CL-D, EPA 1664, EPA 420.1, SM4500-CN-CE, SM2540D, EPA 300: Chloride, Sulfate, Nitrate.**
EPA 624.1: Volatile Halocarbons & Aromatics,
EPA 608.3: Chlordane, Toxaphene, Aldrin, alpha-BHC, beta-BHC, gamma-BHC, delta-BHC, Dieldrin, DDD, DDE, DDT, Endosulfan I, Endosulfan II, Endosulfan sulfate, Endrin, Endrin Aldehyde, Heptachlor, Heptachlor Epoxide, PCBs
EPA 625.1: SVOC (Acid/Base/Neutral Extractables), **EPA 600/4-81-045**: PCB-Oil.
Microbiology: **SM9223B-Colilert-QT; Enterolert-QT, SM9221E, EPA 1600, EPA 1603.**

Mansfield Facility:

Drinking Water
EPA 200.7: Al, Ba, Cd, Cr, Cu, Fe, Mn, Ni, Na, Ag, Ca, Zn. **EPA 200.8:** Al, Sb, As, Ba, Be, Cd, Cr, Cu, Pb, Mn, Ni, Se, Ag, TL, Zn. **EPA 245.1** Hg.
EPA 522.

Non-Potable Water
EPA 200.7: Al, Sb, As, Be, Cd, Ca, Cr, Co, Cu, Fe, Pb, Mg, Mn, Mo, Ni, K, Se, Ag, Na, Sr, TL, Ti, V, Zn.
EPA 200.8: Al, Sb**,** As, Be, Cd, Cr, Cu, Fe, Pb, Mn, Ni, K, Se, Ag, Na, TL, Zn.
EPA 245.1 Hg.
SM2340B

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

ALPHA

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

NEW YORK CHAIN OF CUSTODY

Service Centers
Mahwah, NJ 07430: 35 Whitney Rd, Suite 5
Albany, NY 12205: 14 Walker Way
Tonawanda, NY 14150: 275 Cooper Ave, Suite 105

Page 1 of 3

Date Rec'd in Lab: 2/28/20

ALPHA Job #: L2008988

Client Information
Client: Tenen Environmental
Address: 121 West 27th Street
Suite 702, NY, NY 10001
Phone: 646-606-2332
Fax: aplatt@tenen-env.com
Email: acarroll@tenen-env.com

Project Information
Project Name: 2925 Westchester Ave
Project Location: " "
Project #
(Use Project name as Project #) ☒
Project Manager: A. Carroll
ALPHAQuote #:

Turn-Around Time
Standard ☒ Due Date:
Rush (only if pre approved) ☐ # of Days:

Deliverables
☐ ASP-A ☒ ASP-B
☐ EQuIS (1 File) ☐ EQuIS (4 File)
☐ Other

Regulatory Requirement
☐ NY TOGS ☒ NY Part 375
☐ AWQ Standards ☒ NY CP-51
☐ NY Restricted Use ☐ Other
☐ NY Unrestricted Use
☐ NYC Sewer Discharge

Billing Information
☒ Same as Client Info
PO #

Disposal Site Information
Please identify below location of applicable disposal facilities.
Disposal Facility:
☐ NJ ☐ NY
☐ Other:

These samples have been previously analyzed by Alpha ☐

Other project specific requirements/comments:

HOLD all samples EXCEPT SB-5(0-1), SB-5(1-2), SB-5(2-3), & SB-5 (3-4)

Please specify Metals or TAL.

ALPHA Lab ID (Lab Use Only)	Sample ID	Collection Date	Collection Time	Sample Matrix	Sampler's Initials	ANALYSIS VOCs	Total # Bottles
08988-01	SB-5 (0-1)	2/27/20	9:15	Soil	AP	X	4
-02	SB-5 (1-2)		9:20			X	4
-03	SB-5 (2-3)		9:25			X	4
-04	SB-5 (3-4)		9:30			X	4
-05	SB-5-N (0-1)		10:00				4
-06	SB-5-N (1-2)		10:05				4
-07	SB-5-N (2-3)		10:10				4
-08	SB-5-W (0-1)		10:30				4
-09	SB-5-W (1-2)		10:35				4
-10	SB-5-W (2-3)		10:40				4

HOLD

Sample Filtration
☐ Done
☐ Lab to do
Preservation
☐ Lab to do
(Please Specify below)

Sample Specific Comments

Preservative Code:
A = None
B = HCl
C = HNO_3
D = H_2SO_4
E = NaOH
F = MeOH
G = $NaHSO_4$
H = $Na_2S_2O_3$
K/E = Zn Ac/NaOH
O = Other

Container Code
P = Plastic
A = Amber Glass
V = Vial
G = Glass
B = Bacteria Cup
C = Cube
O = Other
E = Encore
D = BOD Bottle

Westboro: Certification No: MA935
Mansfield: Certification No: MA015

Container Type: E
Preservative: A

Relinquished By:	Date/Time	Received By:	Date/Time
A. Platt / Tenen	2/28/20 14:05		2/28/20 14:05
	2/28/20 13:45		2/28/20 16:30
	2/28/20 21:55		2/29/20 2:55

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.)

Form No: 01-25 HC (rev. 30-Sept-2013)

ALPHA ANALYTICAL

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

NEW YORK CHAIN OF CUSTODY

Service Centers
Mahwah, NJ 07430: 35 Whitney Rd, Suite 5
Albany, NY 12205: 14 Walker Way
Tonawanda, NY 14150: 275 Cooper Ave, Suite 105

Page 2 of 3

Date Rec'd in Lab: 2/28/20

ALPHA Job #: L2008988

Client Information
Client: Tenen Environmental
Address: 121 West 27th Street
Suite 702, NY, NY 10001
Phone: 646-606-2332
Fax: aplatt@tenen-env.com
Email: acarroll@tenen-env.com

Project Information
Project Name: 2925 Westchester Ave
Project Location: "
Project #
(Use Project name as Project #) ☒
Project Manager: A. Carroll
ALPHAQuote #:

Turn-Around Time
Standard ☒ Due Date:
Rush (only if pre approved) ☐ # of Days:

These samples have been previously analyzed by Alpha ☐

Other project specific requirements/comments:
HOLD all samples EXCEPT SB-5(0-1), SB-5(1-2), SB-5(2-3), & SB-5(3-4)

Please specify Metals or TAL.

Deliverables
☐ ASP-A ☒ ASP-B
☐ EQuIS (1 File) ☐ EQuIS (4 File)
☐ Other

Regulatory Requirement
☐ NY TOGS ☒ NY Part 375
☐ AWQ Standards ☒ NY CP-51
☐ NY Restricted Use ☐ Other
☐ NY Unrestricted Use
☐ NYC Sewer Discharge

Billing Information
☒ Same as Client Info
PO #

Disposal Site Information
Please identify below location of applicable disposal facilities.
Disposal Facility:
☐ NJ ☐ NY
☐ Other:

Sample Filtration
☐ Done
☐ Lab to do
Preservation
☐ Lab to do
(Please Specify below)

ALPHA Lab ID (Lab Use Only)	Sample ID	Collection Date	Collection Time	Sample Matrix	Sampler's Initials	VOCs	Sample Specific Comments	Total Bottles
08988-11	SB-5-E (0-1)	2/27/20	11:00	SO:1	AP			4
-12	SB-5-E (1-2)		11:05					4
-13	SB-5-E (2-3)		11:10					4
-14	SB-5-E2 (0-1)		11:30					4
-15	SB-5-E2 (1-2)		11:35					4
-16	SB-5-E2 (2-3)		11:40					4
-17	SB-5-W2 (0-1)		12:00					4
-18	SB-5-W2 (1-2)		12:05					4
-19	SB-5-W2 (2-2.5)		12:10					4
-20	SB-5-S (0-1)	↓	12:20	↓	↓			4

HOLD
ANALYSIS

Container Type
Preservative

Preservative Code:
A = None
B = HCl
C = HNO_3
D = H_2SO_4
E = NaOH
F = MeOH
G = $NaHSO_4$
H = $Na_2S_2O_3$
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

Relinquished By:	Date/Time	Received By:	Date/Time
A. Platt / Tenen	2/28/20 14:05		2/28/20 14:05
	2/28/20 13 VS		2/28/20 16:30
	2/28/20 2055		2/28/20 2055

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Page 3 of 3

Date Rec'd in Lab: 2/28/20

ALPHA Job #: L2008988

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Suite 702, NY, NY 10001
Phone: 646-606-2332
Fax: aplatt@tenen-env.com
Email: acarroll@tenen-env.com

Project Information
Project Name: 2925 Westchester Ave
Project Location: " "
Project #
(Use Project name as Project #) ☒
Project Manager: A. Carroll
ALPHAQuote #:

Turn-Around Time
Standard ☒ Due Date:
Rush (only if pre approved) ☐ # of Days:

Deliverables
☐ ASP-A ☒ ASP-B
☐ EQuIS (1 File) ☐ EQuIS (4 File)
☐ Other

Billing Information
☒ Same as Client Info
PO #

Regulatory Requirement
☐ NY TOGS ☒ NY Part 375
☐ AWQ Standards ☒ NY CP-51
☐ NY Restricted Use ☐ Other
☐ NY Unrestricted Use
☐ NYC Sewer Discharge

Disposal Site Information
Please identify below location of applicable disposal facilities.
Disposal Facility:
☐ NJ ☐ NY
☐ Other:

These samples have been previously analyzed by Alpha ☐

Other project specific requirements/comments:

HOLD all samples EXCEPT SB-5 (0-1), SB-5 (1-2), SB-5 (2-3), & SB-5 (3-4)

Please specify Metals or TAL.

ANALYSIS

Sample Filtration
☐ Done
☐ Lab to do
Preservation
☐ Lab to do
(Please Specify below)

ALPHA Lab ID (Lab Use Only)	Sample ID	Collection Date	Collection Time	Sample Matrix	Sampler's Initials	VOCs	Sample Specific Comments	Total # Bottles
08988-21	SB-5-5 (1-2)	2/27/20	12:25	Soil	AP	HOLD ANALYSIS		4
-22	SB-5-5 (2-3)	↓	12:30	↓	↓			4

Preservative Code:
A = None
B = HCl
C = HNO_3
D = H_2SO_4
E = NaOH
F = MeOH
G = $NaHSO_4$
H = $Na_2S_2O_3$
K/E = Zn Ac/NaOH
O = Other

Container Code
P = Plastic
A = Amber Glass
V = Vial
G = Glass
B = Bacteria Cup
C = Cube
O = Other
E = Encore
D = BOD Bottle

Westboro: Certification No: MA935
Mansfield: Certification No: MA015

Container Type: E
Preservative: A

Relinquished By:	Date/Time	Received By:	Date/Time
A. Platt / Tenen	2/28/20 14:05		2/28/20 14:05
	2/28/20 13:55		2/28/20 16:30
	2/28/20 20:55		2/28/20 20:55

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