SUPPLEMENTAL PHASE II ENVIRONMENTAL SITE ASSESSMENT

Vacant Lot
Beach 62nd Street,
Queens, New York

Prepared By
Preferred Environmental Services
323 Merrick Avenue
North Merrick, New York 11566
(516)546-1100 Fax (516) 213-8156

Prepared For

ABC NY

April 2023

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EXECUTIVE SUMMARY

This Phase II Environmental Site Assessment (ESA) was prepared by Preferred Environmental Services (Preferred) on behalf of ABC NY to investigate potential impacts to the subsurface soils, soil vapor, sediments and groundwater associated with the following Recognized Environmental Conditions (RECs) identified for the Subject Property during the Phase I and II LDD Studies completed by Environmental Business Consultants (EBC) and reviewed by Preferred:

- Historic Sanborn fire insurance maps of the Subject Property indicate that prior to 1912, the property was identified as an undeveloped wetland. This suggests that the presence of fill material on the property is likely. No information on the source or nature of fill material used on site is available, it is possible for the fill material used to have been contaminated, having the potential to have impacted subsurface soils, soil vapor and groundwater.

- Block 16014, Lot No. 1 of the Subject Property is listed on the E-designation database, having E-Hazmat and E-Air restrictions (E-215), determined on August of 2008. The Hazardous Materials designation indicates the potential for soil and groundwater beneath the Subject property to be impacted by the historical use of the Subject property and surrounding area. The Air E-designation requires newly developed structures at the property to have HVAC Stacks located 62 (No.2 fuel il) or 82 (No. 4 fuel oil) from the lot line facing Beach 59th Street or use natural gas and hot water (HVAC) systems. The E-designations on this property require an issuance of a Notice to Proceed by the NYC OER before the property can be redeveloped.

Based upon the above RECs, the following Phase II scope of work was proposed and implemented at the Subject Property:

- Installation of eight (8) soil borings, field screening and sampling of soils throughout the subject property. Three (3) of these soil borings were completed as soil vapor sampling points for the collection of soil vapor samples. Three (3) temporary groundwater monitoring well points were installed on the property for the collection and monitoring of groundwater at the Subject Property.

- Collection and laboratory analysis of sixteen (16) soil samples representative of the site for VOCs by USEPA 8260, SVOCs by USEPA Method 8270, RCRA Metals by USEPA Method Series 6010/7471, Pesticides, and PCBs.

- Collection and laboratory analysis of three (3) groundwater samples representative of the site for VOCs by USEPA 8260 and SVOCs by USEPA Method 8270, RCRA Metals (Total and Dissolved) by USEPA Method Series 6020/7470, Pesticides, and PCBs; and

- Completion of a limited soil vapor intrusion study consisting of the collection of three (3) soil vapor samples as well as one outdoor air sample for laboratory analysis for VOCs by EPA Method TO-15.

Based upon the laboratory analytical results, Preferred provides the following findings:

- Laboratory analysis of sixteen (16) soil samples collected throughout the Subject Property reported elevated concentration of contaminants including SVOCs, Pesticides, and metals in unsaturated soils in exceedance of their UUSCOs and/or RRSCOs;

- Laboratory analysis of three (3) groundwater samples reported elevated concentrations of petroleum and non-petroleum related compounds in one (1) sample at concentration exceeding applicable regulatory standards and guidance values. This sample (GW-3) was collected at the northeast corner of the Subject Property.

- Laboratory analysis of three (3) Sub-Slab Vapor Samples and One (1) outdoor air sample did not report elevated concentrations of VOCs in soil gas.

Based upon the above, Preferred provides the following recommendations:

- Based upon the presence of elevated SVOCs, pesticides and metals in soil samples and the presence of elevated tetrachloroethylene and dissolved metals in the groundwater sample GW-3, and the e-designation; Preferred recommends that NYCOER and/or NYSDEC be contacted to discuss further investigation for a remedial design for the proposed new development.

1.0 PROPERTY DESCRIPTION

The Subject Property is referred to by the street address of Beach 62nd Street, Queens, New York and is situated along the eastern and western side of Beach 62nd Street, north of its intersection with Beach Channel Drive (see **Figures in Appendix A)** The Subject Property is designated as Borough 4, Block 16011, Lot No.'s 1, 32 and 35, and Block 16014, Lot No.'s 1 and 22 on the New York City Land & Tax Maps.

At the time of Preferred's Phase II ESA in February 2023, the Subject Property could be best described as having two sides; the western side and the eastern side. The western side of Beach 62nd Street was being used as a parking lot for large trucks and trailers. The western property was not improved with any permanent or semipermanent structures. The eastern side was in use as a NYC Impound Lot at the time of Preferred's inspection. The property was improved by a small modular trailer on its south end along beach channel drive, and a 12ft by 12ft cinder block shed in the southeast portion of the site.

According to a review of United States Geological Survey (USGS) Topographic Map, Far Rockaway, New York Quadrangle (Figure 1), the Subject Property is located at a topographic elevation of approximately four (4) feet above mean sea level (amsl). Depth to groundwater at the Subject Property was identified within five (5) feet below grade surface. Regional groundwater flow is anticipated to vary based on tidal influences from the Great South Bay located less than 0.1mi to the northeast.

2.0 PHASE II ESA SCOPE OF WORK

The Phase II ESA scope of work was prepared to investigate potential impacts to the subsurface soils, soil vapor, sediments and groundwater associated with the following Recognized Environmental Conditions (RECs) identified for the Subject Property during the September 2021 LDD Study completed by EBC and reviewed by Preferred:

- Historic Sanborn fire insurance maps of the Subject Property indicate that prior to 1912, the property was identified as an undeveloped wetland. This suggests that the presence of fill material on the property is likely. Because no information on the source or nature of fill material used on site is available, it is possible for the fill material used to have been contaminated, having the potential to have impacted subsurface soils, soil vapor and groundwater.

- Block 16014, Lot No. 1 of the Subject Property is listed on the E-designation database, having E-Hazmat and E-Air restrictions (E-215), determined on August of 2008.The Hazardous Materials designation indicates the potential for soil and groundwater beneath the Subject property to be impacted by the historical use of the Subject property and surrounding area. The Air E-designation requires newly developed structures at the property to have HVAC Stacks located 62 (No.2 fuel il) or 82 (No. 4 fuel oil) from the lot line facing Beach 59th Street or use natural gas and hot water (HVAC) systems. The E-designations on this property require an issuance of a Notice to Proceed by the NYCOER before the property can be redeveloped.

Based upon the above RECs, the following Phase II scope of work was implemented at the Subject Property:

- Installation of eight (8) soil borings, field screening and sampling of soils throughout the subject property. Three (3) of these soil borings were completed as soil vapor sampling points for the collection of soil vapor samples. Three (3) temporary groundwater monitoring well points were installed on the property for the collection and monitoring of groundwater at the Subject Property.

- Collection and laboratory analysis of sixteen (16) soil samples for VOCs by USEPA 8260, SVOCs by USEPA Method 8270, RCRA Metals by USEPA Method Series 6010/7471, Pesticides, and PCBs.

- Collection and laboratory analysis of three (3) groundwater samples for VOCs by USEPA 8260 and SVOCs by USEPA Method 8270, RCRA Metals (Total and Dissolved) by USEPA Method Series 6020/7470, Pesticides, and PCBs; and

- Completion of a limited soil vapor intrusion study consisting of the collection of three (3) soil vapor as well as one outdoor air sample for laboratory analysis for VOCs by EPA Method TO-15.

3.0 FIELD SAMPLING ACTIVITIES

Preferred competed the Phase II ESA investigation activities on February 1 and 2, 2023. The Phase II ESA included the installation of eight (8) soil borings with the collection and field screening of soil samples from each of these soil borings, laboratory analysis of sixteen (16) soil samples, installation of three (3) temporary groundwater monitoring well points for the collection of groundwater samples, laboratory analysis of three (3) groundwater samples, and the completion of a Limited Soil Vapor Intrusion (SVI) Study which included the collection of three (3) soil vapor samples and one (1) outdoor air sample.

3.1 Soil Sampling

To evaluate potential impacts to soils associated with the previously identified RECs, eight (8) soil borings (SB-1 through SB-8) were installed utilizing a track-mounted direct push drill rig. Three (3) soil borings (SB-1, SB-2 and SB-3) were installed in the western lot of the Subject Property, With SB-1 being installed on the north end, SB-2 in the center, and SB-3 on the south end of the property. Five (5) soil borings (SB-4 through SB-8) were installed on the eastern lot of the Subject Property, installed from the northern end of the property to the southern end of the property respectively.

Prior to drilling, each soil boring was hand-cleared to a depth of six (6) feet bgs utilizing a manually operated stainless-steel hand auger to ensure that no subgrade utilities were present in the selected boring locations. Each of the soil borings were then installed to a terminal depth of ten (10) feet bgs utilizing the track mounted Geoprobe drill rig, with the exception of soil borings SB-7 and SB-8 which were installed to five (5) feet bgs by use of a manually operated stainless steel hand auger.

Soils encountered within each soil boring were continuously logged by Preferred's geologist for lithologic characteristics and were inspected for visual and/or olfactory evidence of environmental impacts. In addition, these soils were also field screened for the presence of VOCs utilizing a Photoionization Detector (PID).

Groundwater across the Subject Property was encountered at depths between 4.75 and 7 feet bgs.

Field evidence of environmental impacts to soils (e.g., petroleum odors and/or staining, slightly elevated PID responses, etc.) were noted in soil boring SB-1 from 7-10 feet bgs, SB-3 from 9-10 feet bgs, SB-5 from 7-10 feet bgs, and SB-6 from 8-10 feet bgs.

Based upon the field observations detailed above soil samples were collected from 0-2 ft bgs as well as the two (2) foot interval just above the groundwater interface from each soil boring installed on the Subject Property. Each of the soil samples collected were submitted for VOCs by USEPA Method 8260, SVOCs by USEPA Method 8270, RCRA Metals including Mercury by USEPA Method Series 6010/7471, Pesticides and PCBs.

3.2 Groundwater Sampling

Three (3) temporary groundwater monitoring wells (GW-1 through GW-3) were installed on the Subject Property for the collection of groundwater samples. GW-1 was installed on the northern end of the western lot of the Subject Property. GW-2 was installed on the southern end of the western lot of the Subject Property. GW-3 was installed in the northeast corner of the eastern lot of the Subject Property. After an adequate amount of groundwater was purged from the temporary wells via low flow sampling techniques to both produce analytically representative groundwater and to reduce turbidity, the groundwater samples were collected via dedicated disposable Teflon bailers and containerized in laboratory-supplied clean glassware.

The three (3) groundwater samples collected were submitted for laboratory analysis for VOCs by USEPA 8260, SVOCs by USEPA Method 8270, RCRA Metals (Total and Dissolved) including Mercury by USEPA Method Series 6020/7470, Pesticides, and PCBs.

3.3 Limited Soil Vapor Intrusion Study

Three (3) soil vapor sample points (SV-1through SV-3) were installed across the Subject Property. SV-1 was installed in the center of the western lot of the Subject Property. SV-2and SV-3 were installed in the northern and southern portions of the eastern lot of the Subject Property . The temporary vapor probes were constructed of ¼-inch diameter food-grade polyethylene tubing affixed to a stainless-steel soil vapor point installed to three (3) below grade surface. One (1) outdoor air sample was also collected as part of this Limited SVI.

The area surrounding the tubing in each sample location was sealed utilizing hydrated bentonite to ensure the sample would be representative of sub-slab vapor conditions. A helium tracer gas was introduced into the annular space between the tubing and a sealed enclosure (in the form of a 5-gallon plastic bucket, sealed with hydrated bentonite) to confirm the seal between the tubing and the concrete surface. A helium detector was utilized to screen for the presence of helium in the sample tubing during sample collection. The annular space within the soil vapor implant tubing was purged a minimum of one to three volumes of soil gas using a personal sampling pump prior to sample collection.

During purging and sampling, Preferred ensured that the flow rate did not exceed 0.2 liters per minute. A pre-set regulator and dedicated summa canister were used to procure the sub-slab soil vapor sample. The regulators were set to collect the soil vapor sample over an approximate 8-hour period with an ensured flow rate less than 0.2 liter per minute. Sufficient volume was collected to achieve the detection limits required to evaluate the data relative to the October 2006 NYSDOH Guidance for Evaluating Soil Vapor Intrusion. After collection, the sample location was field screened with a PID to provide real time data.

Upon completion of the soil vapor sample collection, the summa canisters were transported under strict chain-of-custody protocols to a NYSDOH-certified laboratory (York Analytical Laboratories) for analysis for VOCs by USEPA Method TO-15. The soil vapor probe locations were properly abandoned after completion of the Phase II ESA.

The laboratory analytical data summary tables are summarized in **Appendix B,** soil boring logs are provided as **Appendix C,** sampling logs are provided in **Appendix D**, a photographic log is provided as **Appendix E.**

4.0 LABORATORY ANALYTICAL RESULTS

All of the samples collected as part of this Phase II ESA were submitted for laboratory analysis to a New York State Department of Health (NYSDOH) ELAP-Certified Laboratory (York Analytical Laboratories) under appropriate chain of custody protocols. Laboratory Reports are provided as **Appendix F.**

4.1 Soil Sample Analytical Results

As previously noted, the soil samples representative of the 0-2ft bgs soil interval as well as the two (2) foot soil interval just above the soil-groundwater interphase from each of the eight (8) borings installed across the Subject Property were submitted for laboratory analysis for VOCs by USEPA 8260, SVOCs by USEPA Method 8270, RCRA Metals including Mercury by USEPA Method Series 6010/7471, Pesticides and PCBs.

The results of the laboratory analysis for the soil samples collected were compared to the NYSDEC Part 375 Unrestricted Use Soil Cleanup Objectives (UUSCOs), as well as the NYSDEC Part 375 Restricted Residential Use Soil Cleanup Objectives (RRUSCOs) set forth in 6 NYCRR PART 375 Environmental Remediation Programs Subparts 375-1 to 375- 4 & 375-6 Effective December 2006, and the USEPA Region 2 Underground Injection Control (UIC) SCOs.

Volatile Organic Compounds (VOCs)
As indicated in **Table 1b**, one (1) VOC (Acetone at 0.07 mg/kg) was reported above its UUSCO standard and guidance value (SGV) in sample SB-6(5-7'). It should be noted that Acetone is a known common laboratory contaminant. No additional VOCs were reported above their associated UUSCO SGVs, and therefore no VOCs were reported above their respective RRUSCO SGVs in any of the samples collected during the Phase II ESA.

Semi-Volatile Organic Compounds (SVOCs)
As indicated in **Table 2b**, one (1) SVOC; Benzo(k)anthracene, was reported above its UUSCO SGV in soil sample SB-5(0-2'). Additionally, seven (7) SVOCs including: Benzo(a)anthracene max 6.99 mg/kg; Benzo(a)pyrene max 6.27 mg/kg; Benzo(b)fluoranthene max 5.61 mg/kg; Benzo(k)fluoranthene max 5.53 mg/kg; Chrysene max 7.57 mg/kg; Dibenzo(a, h)anthracene max 1.3 mg/kg; and Ideno(1,2, 3-cd)pyrene max 4.17 mg/kg) were reported above their respective RRUSCO SGVs in samples SB-6(5-7') and SB-7(3-5'). No SVOCs were reported above their UUSCO or RRUSCO SGVs in any of the other soil samples.

Metals
As indicated in **Table 3a and 3b**, numerous metals including Arsenic, Barium, Cadmium, Copper, Lead, Nickel, Zinc and Mercury were reported above their RRUSCO and/or UUSCO SGVs in all 16 samples collected throughout the Subject Property during the Phase II ESA. The most notable exceedance of metals in soil was observed in sample SB-6(5-7') which had seven (7) compounds reported at or above their RRUSCO SGVs including lead (2,880 mg/kg) and mercury (2.13 mg/kg).

Pesticides
One (1) or more pesticides were identified at or above their respective UUSCO SGVs in ten (10) of the soil samples collected during the Phase II ESA. Pesticides identified included (4,4'-DDD, 4,4'-DDE, 4,4'-DDT and Dieldrin. No pesticides were identified above their respective RRUSCOs during the soil investigation.

PCBs
One (1) or more PCBs were reported above their method detection limits (MDLs) in two (2) samples (SB-1(3-5') and SB-7(0-2'). Total PCBs (0.112 mg/kg) were reported above the UUSCO SGV in SB-7(0-2'). No PCBs were reported above their RRUSCOs in any of the samples collected during the Phase II ESA.

4.2 Groundwater Sample Analytical Results

Groundwater samples GW-1, GW-2 and GW-3, collected to evaluate potential impacts associated with vehicle maintenance and the former cesspools at the Subject Property were submitted for VOCs by USEPA 8260, SVOCs by USEPA Method 8270, RCRA Metals (Total and Dissolved) by USEPA Method Series 6020/7470 and Pesticides/PCBs. The results of the laboratory analysis of the groundwater samples were compared to the NYSDEC TOGS 1.1.1 Groundwater Class GA Standards and Guidance Values (SGVs).

VOCs
As depicted in **Table 5,** no VOCs were reported above their MDLs in samples GW-1 and GW-2. Three (3) VOCs were reported above their MDLs in sample GW-3. Two (2) VOCs identified were reported at concentrations exceeding their SGVs, including cis-1,2-Dichloroethylene (7.02 micrograms per liter [ug/L]), and Tetrachloroethylene (24 ug/L). No other VOCs were reported at concentrations exceeding their applicable SGVs in and of the three (3) samples.

SVOCs
As depicted in **Table 6,** no SVOCs were reported above their MDLs in samples GW-2 and GW-3. One (1) SVOC (Bis(2-ethylhexyl)phthalate .579 ug/L) was reported above its MDL GW-1 but well below its SGV. No other SVOCs were reported at concentrations exceeding their applicable SGVs in either sample.

Metals
As indicated in **Table 7**, numerous dissolved metals including Lead Magnesium, Manganese, and Sodium were reported above their SGVs in all three (3) samples collected throughout the Subject Property during the Phase II ESA. The most notable exceedance of metals in groundwater was observed in sample GW-3 which had four (4) compounds reported at or above their SGVs including lead (151 ug/L).

Pesticides
As indicated in Table 8, no pesticides were reported above their MDLs in any of the groundwater samples procured during the Phase II ESA.

PCBs
As indicated in Table 8, no PCBs were reported above their MDLs in any of the groundwater samples procured during the Phase II ESA.

4.3 Sub-Slab Soil Vapor Sample Analytical Results

The three (3) sub-slab vapor samples and one (1) outdoor air sample collected during the Phase II ESA were submitted for laboratory analysis for VOCs by EPA Method TO-15 low level methodology. The results were compared to the NYSDOH Indoor Air Guidance Values for three (3) non-aromatic compounds, tetrachloroethylene (PCE) at 30 ug/m3, trichloroethylene (TCE) at 2 ug/m3, and methylene chloride at 60 ug/m3.

Additionally, a total of eight (8) related VOCs (1,1-dichloroethene, carbon tertachloride, cis-1,2-Dichloroethene, trichloroethylene (Matrix A); 1,1,1 Trichloroethane, methylene chloride, and tetrachloroethylene (PCE) (Matrix B); and vinyl chloride (Matrix C)) have guidance values associated with the NYSDOH Soil Vapor/Indoor Air Decision Matrices, as established in supplemental NYSDOH correspondence dated June 25, 2007, and updated as of May 2017 (included in **Appendix F**).

These matrices were developed by the NYSDOH to allow for decision-making relative to actions required to be undertaken with respect to vapor intrusion from sub-slab soil vapors into the interior of buildings. In addition to these select Air Guidance Values, the results of the laboratory analysis were also compared to NYSDOH recommended immediate action levels established in a correspondence dated August and September 2015.

As shown in the attached **Table 9**, several VOCs were detected in the three (3) soil vapor samples as well as the outdoor air sample at concentrations exceeding their associated laboratory MDL. No VOCs identified were in exceedance of any Air Guidance Values outlined by the NYSDOH.

Methylene Chloride was detected at a concentration of .66 micrograms per cubic meter (ug/m3) in outdoor air sample OA-1. As the Air Guidance Value for indoor air is 60 ug/m3and the immediate action level is 600 ug/m3, this minor detection of Methylene Chloride is not considered a concern.

Trichloroethylene (TCE) was not detected above its MDL in any of the four (4) samples submitted for laboratory analysis.

Tetrachloroethylene (PCE) was detected above its MDL in SV-1, SV-2 and SV-3, with a maximum concentration of 20mg/m3 identified in SV-3. The immediate action level for PCE in indoor air is 300 ug/m3, and the indoor air guidance value is 30 ug/m3. This minor detection of PCE is not considered a concern.

5.0 CONCLUSIONS AND RECOMMENDATIONS

Phase II ESA activities were conducted by Preferred on behalf of ABC NY for the property located at Beach 62nd Street, Queens, New York in February 2023. Based upon the results of the Phase II ESA, Preferred provides the following conclusions and recommendations:

- Laboratory analysis of sixteen (16) soil samples collected throughout the Subject Property reported elevated concentrations of contaminants including SVOCs, Pesticides, and metals in unsaturated soils in exceedance of their UUSCOs and/or RRSCOs;

- Laboratory analysis of three (3) groundwater samples reported elevated concentrations of petroleum and non-petroleum related compounds in one (1) sample at concentration exceeding applicable regulatory standards and guidance values. This sample (GW-3) was collected at the northeast corner of the Subject Property. Several dissolved metals were also identified at concentrations exceeding their applicable SGVs throughout the site; and

- Laboratory analysis of three (3) sub-slab vapor samples and one (1) outdoor air sample did not report elevated concentrations of VOCs in soil gas.

Based upon the above, Preferred provides the following recommendations:

- Based upon the presence of elevated SVOCs Pesticides and metals in soil samples and the presence of elevated VOCs including tetrachloroethylene, and dissolved metals in the groundwater sample procured throughout the Subject property, Preferred recommends that NYCOER and/or NYSDEC be contacted to discuss further investigation for a remedial design for the proposed new development.

This Phase II ESA has been prepared by:

Christopher P. Zweier

Christopher P. Zweier
Project Manager/Environmental Scientist

This Phase II ESA has been reviewed by:

Victoria D. Whelan

Victoria D. Whelan, NYS PG #000318
Senior Associate

Appendices

Appendix A

Figures

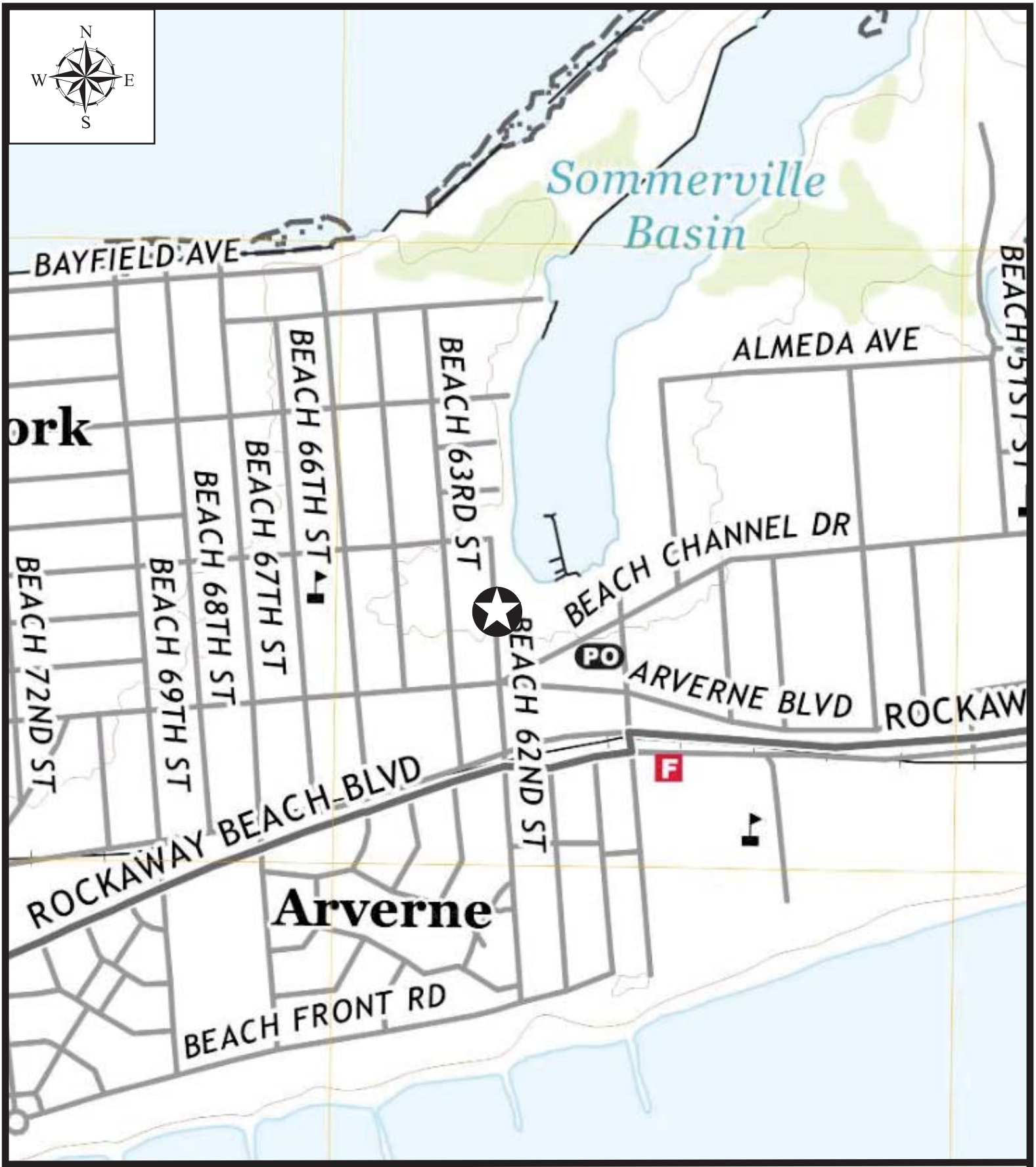


Figure 1 - Topographic Map

PREFERRED ENVIRONMENTAL SERVICES

323 Merrick Avenue - North Merrick, New York 11566
Tel: (516) 546-1100 Fax : (516) 213-8156

-Approximate Location of Subject Property

Source: United States Geologic Survey Far Rockaway Quadrangle

Scale: Not Available

Site: Beach 62nd Street, Rockaway, NY

Date: April 18, 2023

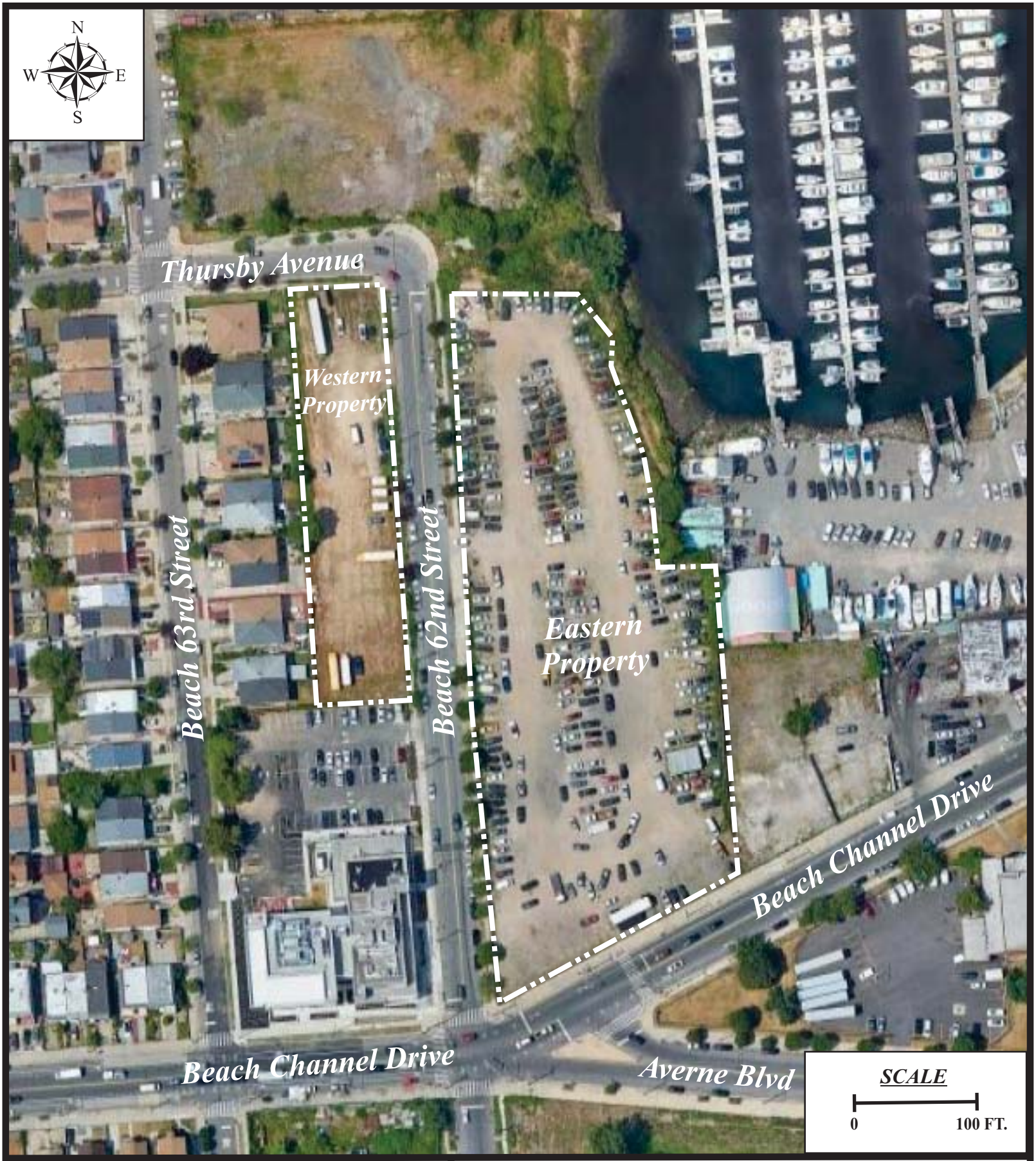


Figure 2 - Aerial Photograph

PREFERRED ENVIRONMENTAL SERVICES

323 Merrick Avenue - North Merrick, New York 11566
Tel: (516) 546-1100 Fax : (516) 213-8156

-Approximate Property Line

Source: Google Maps

Site: Beach 62nd Street, Rockaway, NY

Date: April 18, 2023

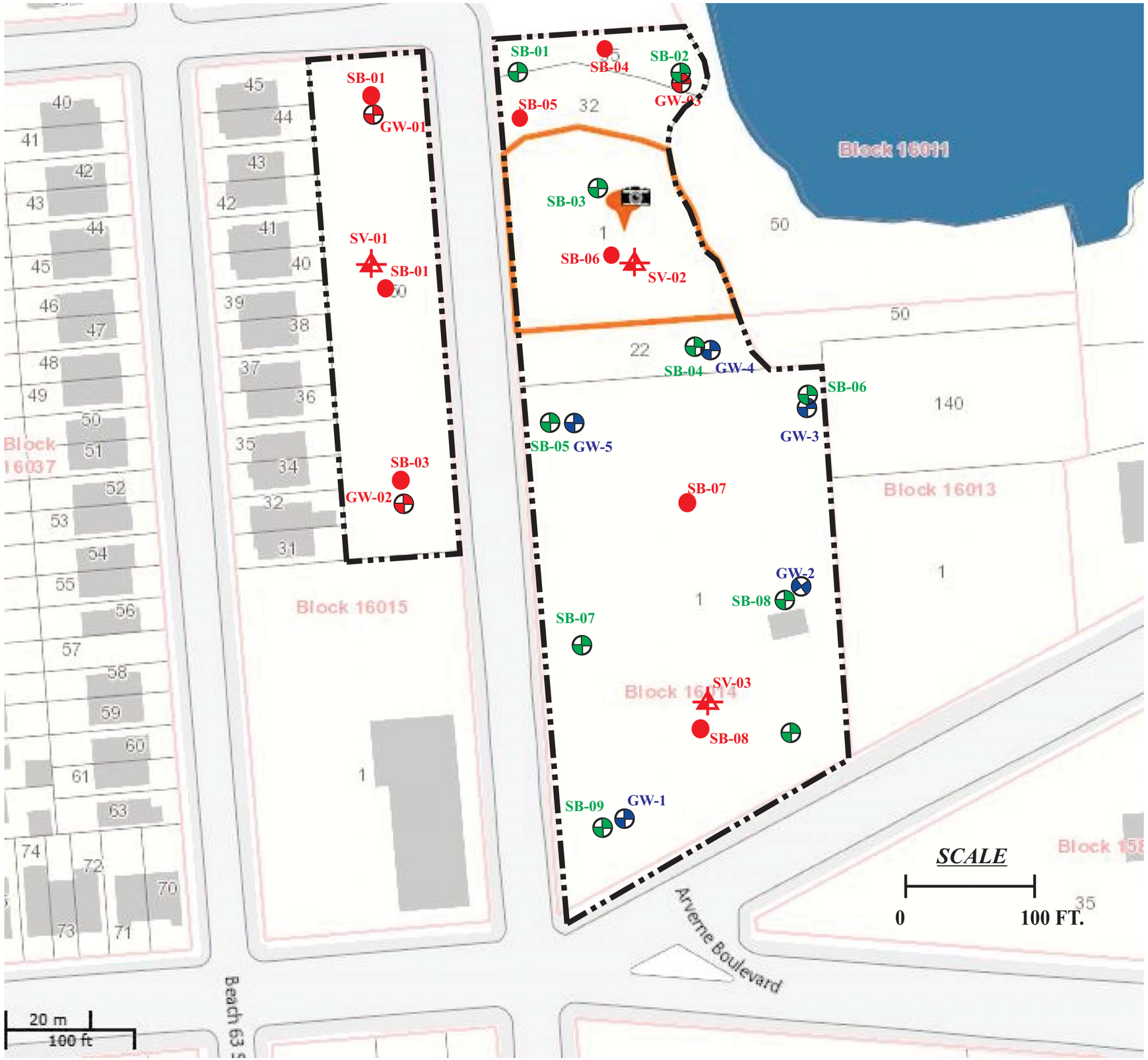


Figure 3 - Soil, Soil Vapor and Groundwater Sampling Locations

Site: ABC NY
Beach 62nd Street
Queens, New York

Date: January 2023

PREFERRED ENVIRONMENTAL SERVICES
323 Merrick Avenue - North Merrick, New York 11566
Tel: (516) 546-1100 Fax : (516) 213-8156

Sample ID	SB-1 (0-2 ft)		SB-1 (3-5 ft)	
York ID	23B0078-01		23B0078-02	
Sampling Date	2/1/2023 9:38:00 AM		2/1/2023 9:42:00 AM	
Client Matrix	Soil		Soil	
Compound	Result	Q	Result	Q
Metals, Target Analyte	mg/Kg		mg/Kg	
Arsenic	3.750		5.890	
Barium	105		**460**	
Cadmium	0.273	U	**2.650**	
Copper	32.200		**195**	
Lead	**413**		**708**	
Nickel	8.970		**31.300**	
Zinc	**142**		**945**	
Mercury by 7473	mg/Kg		mg/Kg	
Mercury	**0.195**		**0.369**	
Pesticides, 8081 target list	mg/Kg		mg/Kg	
Dilution Factor	5		5	
4,4'-DDE	0.00309	D	0.00230	D
4,4'-DDT	**0.00574**	D	**0.00410**	DP
Dieldrin	0.00373	D	0.00391	D

Sample ID	SB-5 (0-2 ft)	SB-5 (4-6 ft)
York ID	23B0078-09	23B0078-10
Sampling Date	2/1/2023 12:24:00 PM	2/1/2023 12:39:00 PM
Client Matrix	Soil	Soil
Compound	Result	
Metals, Target Analyte	mg/Kg	mg/Kg
Dilution Factor	1	1
Arsenic	**15.700**	12.300
Barium	**618**	**818**
Cadmium	2.210	0.819
Copper	**302**	**392**
Lead	**1,310**	**2,020**
Nickel	**34.400**	**34.700**
Zinc	**1,460**	**1,250**

Sample ID	SB-3 (0-2 ft)		SB-3 (4-6 ft)	
York ID	23B0078-05		23B0078-06	
Sampling Date	2/1/2023 10:41:00 AM		2/1/2023 10:46:00 AM	
Client Matrix	Soil		Soil	
Compound	Result	Q	Result	Q
Metals, Target Analyte	mg/Kg		mg/Kg	
Arsenic	3.850		**17.600**	
Barium	201		**1,330**	
Cadmium	0.818		1.720	
Copper	**72.100**		**208**	
Lead	**368**		**1,160**	
Nickel	14.300		28	
Zinc	**415**		**1,270**	
Mercury by 7473	mg/Kg		mg/Kg	
Mercury	**0.238**		**0.307**	
Pesticides, 8081 target list	mg/Kg		mg/Kg	
Dilution Factor	5		5	
4,4'-DDE	0.00197	DP	0.00220	U
4,4'-DDT	**0.00440**	D	**0.00403**	
Dieldrin	0.00189	U	0.00220	

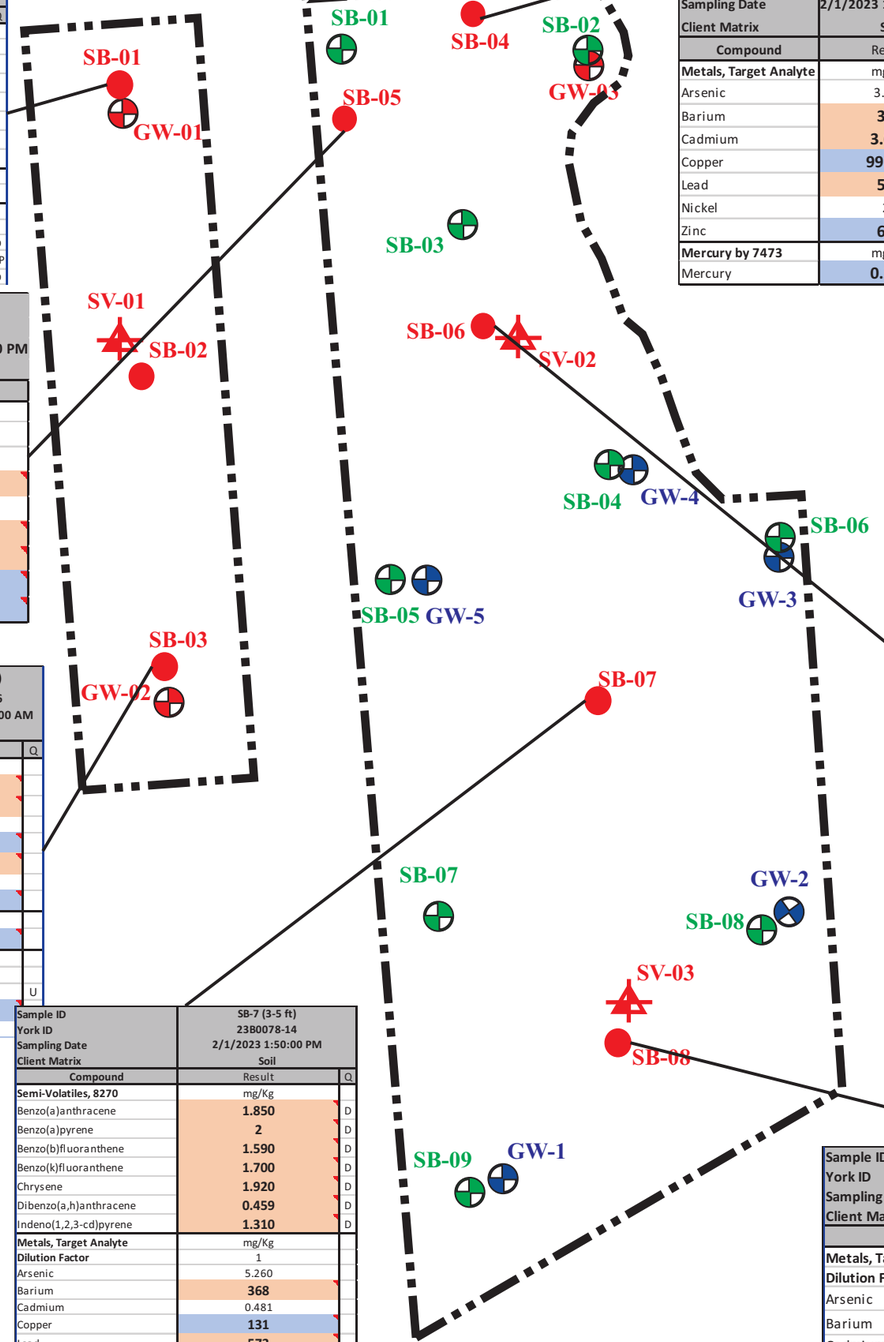
Sample ID	SB-4 (5-7 ft)
York ID	23B0078-08
Sampling Date	2/1/2023 12:08:00 PM
Client Matrix	Soil
Compound	Result
Metals, Target Analyte	mg/Kg
Arsenic	3.740
Barium	**367**
Cadmium	**3.690**
Copper	**99.200**
Lead	**532**
Nickel	24
Zinc	**682**
Mercury by 7473	mg/Kg
Mercury	**0.239**

Sample ID	SB-6 (5-7 ft)	
York ID	23B0078-12	
Sampling Date	2/1/2023 1:24:00 PM	
Client Matrix	Soil	
Compound	Result	Q
Volatile Organics, 8260	mg/Kg	
Dilution Factor	1	
Acetone	**0.0700**	
Semi-Volatiles, 8270	mg/Kg	
Benzo(a)anthracene	**6.990**	D
Benzo(a)pyrene	**6.270**	D
Benzo(b)fluoranthene	**5.610**	D
Benzo(k)fluoranthene	**5.530**	D
Chrysene	**7.570**	D
Dibenzo(a,h)anthracen	**1.300**	D
Indeno(1,2,3-cd)pyrene	**4.170**	D
Metals, Target Analyte	mg/Kg	
Dilution Factor	2	
Arsenic	**16.200**	
Barium	**1,490**	
Cadmium	**7.610**	
Copper	**470**	
Lead	**2,880**	
Nickel	**50.900**	
Zinc	**4,810**	D
Mercury by 7473	mg/Kg	
Mercury	**2.130**	

Sample ID	SB-7 (3-5 ft)	
York ID	23B0078-14	
Sampling Date	2/1/2023 1:50:00 PM	
Client Matrix	Soil	
Compound	Result	Q
Semi-Volatiles, 8270	mg/Kg	
Benzo(a)anthracene	**1.850**	D
Benzo(a)pyrene	**2**	D
Benzo(b)fluoranthene	**1.590**	D
Benzo(k)fluoranthene	**1.700**	D
Chrysene	**1.920**	D
Dibenzo(a,h)anthracene	**0.459**	D
Indeno(1,2,3-cd)pyrene	**1.310**	D
Metals, Target Analyte	mg/Kg	
Dilution Factor	1	
Arsenic	5.260	
Barium	**368**	
Cadmium	0.481	
Copper	**131**	
Lead	**573**	

Sample ID	SB-8 (3-5 ft)
York ID	23B0078-16
Sampling Date	2/1/2023 2:35:00 PM
Client Matrix	Soil
Compound	Result Q
Metals, Target Analyte	mg/Kg
Dilution Factor	1
Arsenic	**19.300**
Barium	**427**
Cadmium	1.380
Copper	**322**
Lead	**1,130**
Nickel	**35.800**
Zinc	**1,120**

Sample ID	NYSDEC Part 375 Unrestricted Use Soil Cleanup Objectives	NYSDEC Part 375 Restricted Use Soil Cleanup Objectives-Residential
York ID		
Sampling Date		
Client Matrix		
Compound		
Metals, Target Analyte	mg/Kg	mg/Kg
Arsenic	13	16
Barium	350	350
Cadmium	2.5	2.5
Copper	50	270
Lead	63	400
Nickel	30	140
Zinc	109	2200
Mercury by 7473	mg/Kg	mg/Kg
Mercury	0.18	0.81
Pesticides, 8081 target list	mg/Kg	mg/Kg
Dilution Factor		
4,4'-DDE	0.0033	1.8
4,4'-DDT	0.0033	1.7
Dieldrin	0.005	0.039



- Approximate Property Line
- 2018 Soil Sampling Location
- -2023 Soil Sampling Location
- -2023 Groundwater Sampling Location
- -Soil Vapor Sample Location
- -Approximate Location of 2018 Groundwater Sampling Location

SCALE

0 — 100 FT.

Figure 4 - Summary of 2023 Soil Results

Site: ABC NY
Beach 62nd Street
Queens, New York

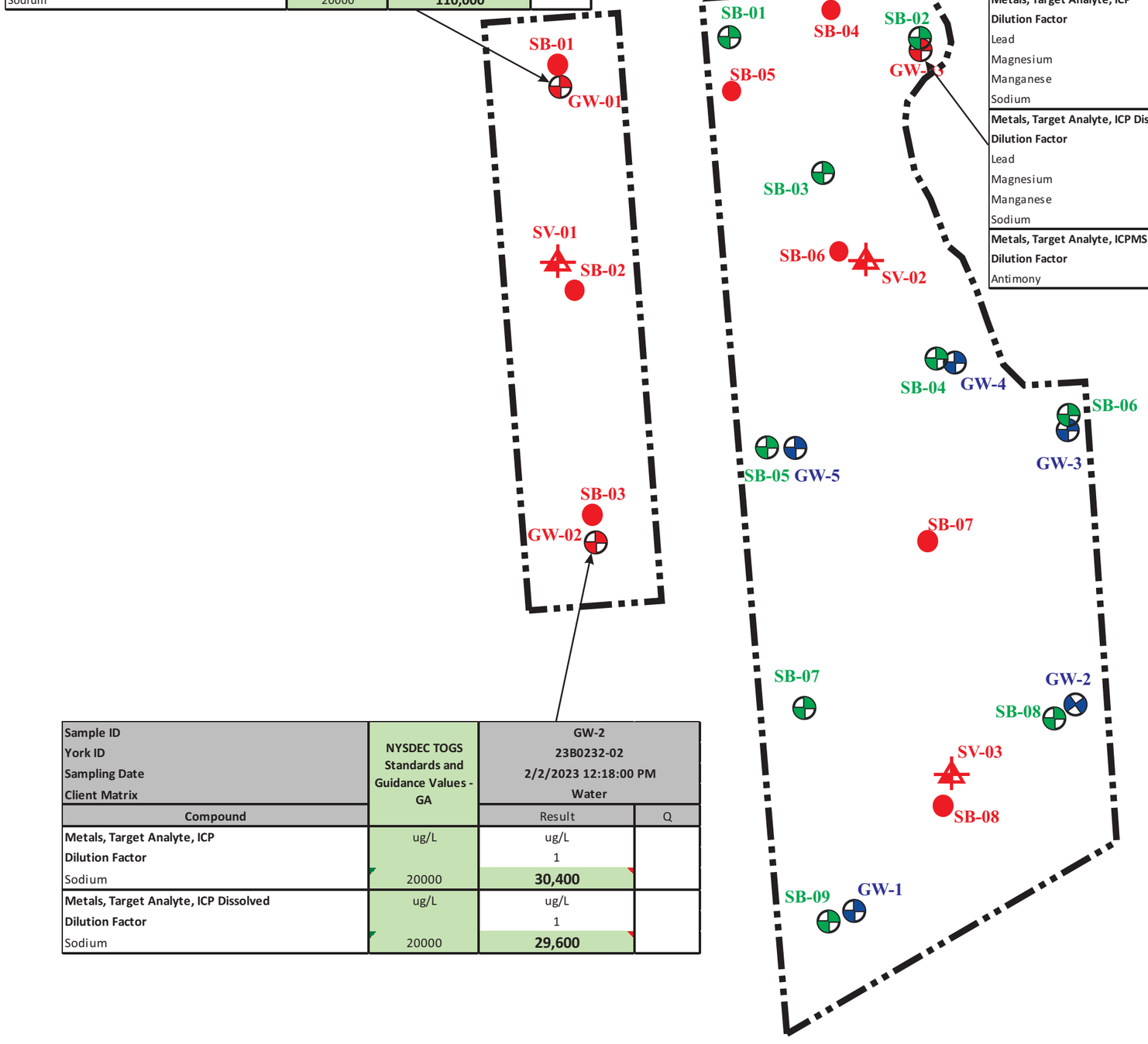
Date: February 2023

PREFERRED ENVIRONMENTAL SERVICES
323 Merrick Avenue - North Merrick, New York 11566
Tel: (516) 546-1100 Fax : (516) 213-8156

Sample ID	NYSDEC TOGS Standards and Guidance Values - GA	GW-1
York ID		23B0232-01
Sampling Date		2/2/2023 8:46:00 AM
Client Matrix		Water
Compound		Result / Q
Metals, Target Analyte, ICP	ug/L	ug/L
Dilution Factor		1
Sodium	20000	**114,000**
Metals, Target Analyte, ICP Dissolved	ug/L	ug/L
Dilution Factor		1
Sodium	20000	**110,000**

Sample ID	NYSDEC TOGS Standards and Guidance Values - GA	GW-3
York ID		23B0232-03
Sampling Date		2/2/2023 11:05:00 AM
Client Matrix		Water
Compound		Result / Q
VOA, 8260 LOW MASTER	ug/L	ug/L
Dilution Factor		1
cis-1,2-Dichloroethylene	5	**7.020**
Tetrachloroethylene	5	**24**
Metals, Target Analyte, ICP	ug/L	ug/L
Dilution Factor		10
Lead	25	**158**
Magnesium	35000	**829,000**
Manganese	300	**411**
Sodium	20000	**7,180,000** D
Metals, Target Analyte, ICP Dissolved	ug/L	ug/L
Dilution Factor		10
Lead	25	**151**
Magnesium	35000	**857,000**
Manganese	300	**414**
Sodium	20000	**6,840,000** D
Metals, Target Analyte, ICPMS	ug/L	ug/L
Dilution Factor		1
Antimony	3	**3.980**

Sample ID	NYSDEC TOGS Standards and Guidance Values - GA	GW-2
York ID		23B0232-02
Sampling Date		2/2/2023 12:18:00 PM
Client Matrix		Water
Compound		Result / Q
Metals, Target Analyte, ICP	ug/L	ug/L
Dilution Factor		1
Sodium	20000	**30,400**
Metals, Target Analyte, ICP Dissolved	ug/L	ug/L
Dilution Factor		1
Sodium	20000	**29,600**



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- Approximate Property Line
- 2018 Soil Sampling Location
-2023 Soil Sampling Location
-2023 Groundwater Sampling Location
-Soil Vapor Sample Location
-Approximate Location of 2018 Groundwater Sampling Location

SCALE

0 100 FT.

Figure 5 - Summary of 2023 Groundwater Results

Site: ABC NY
Beach 62nd Street
Queens, New York

Date: April 2023

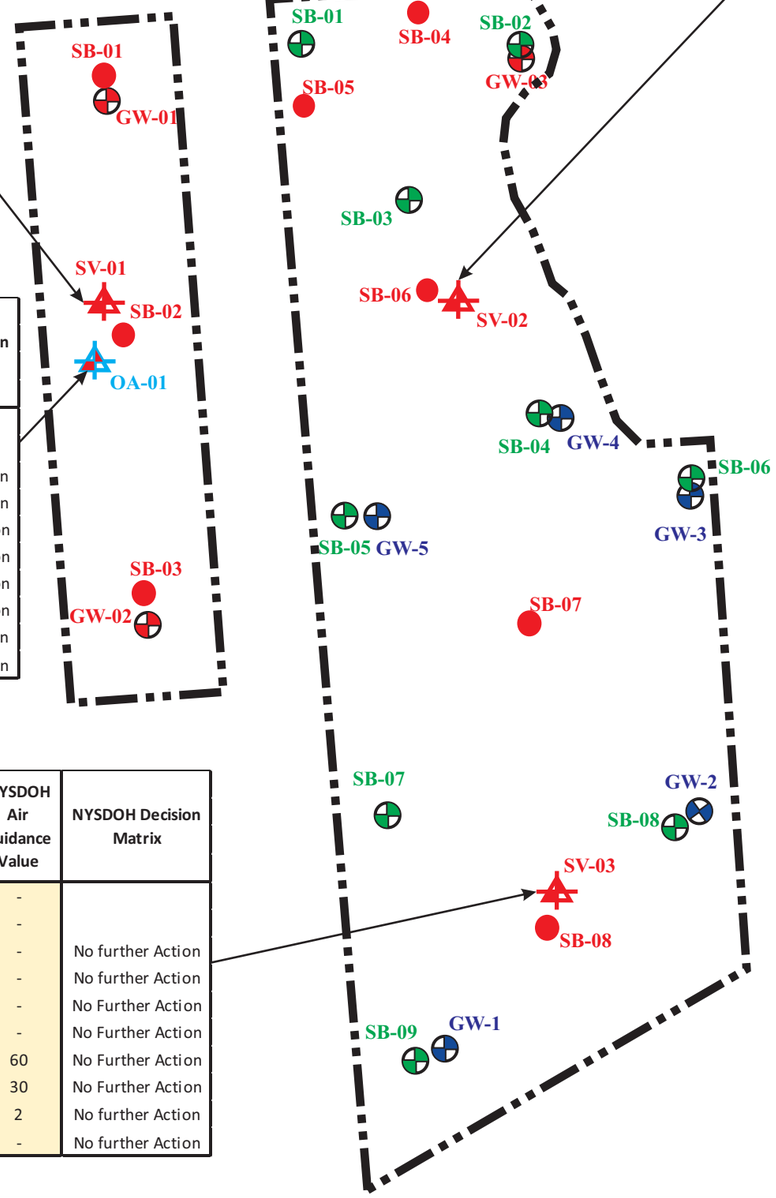
PREFERRED ENVIRONMENTAL SERVICES
323 Merrick Avenue - North Merrick, New York 11566
Tel: (516) 546-1100 Fax : (516) 213-8156

Sample ID	SV-1		NYSDOH Immediate Action Level	NYSDOH Air Guidance Value	NYSDOH Decision Matrix
Sampling Date	2/2/2023 12:15:00 PM				
Client Matrix	Soil Vapor				
Compound	Result	Q			
Volatile Organics, EPA TO15 Full List	ug/m3		-	-	
Dilution Factor	3.306		-	-	
1,1,1-Trichloroethane	1.800	U	100	-	No further Action
1,1-Dichloroethylene	0.330	U	6	-	No further Action
Carbon tetrachloride	0.520	U	6	-	No Further Action
cis-1,2-Dichloroethylene	0.330	U	6	-	No Further Action
Methylene chloride	2.300	U	600	60	No Further Action
Tetrachloroethylene	7	D	300	30	No Further Action
Trichloroethylene	0.440	U	20	2	No further Action
Vinyl Chloride	0.420	U	6	-	No further Action

Sample ID	SV-2		NYSDOH Immediate Action Level	NYSDOH Air Guidance Value	NYSDOH Decision Matrix
Sampling Date	2/2/2023 2:07:00 PM				
Client Matrix	Soil Vapor				
Compound	Result	Q			
Volatile Organics, EPA TO15 Full List	ug/m3		-	-	
Dilution Factor	3.192		-	-	
1,1,1-Trichloroethane	1.700	U	100	-	No further Action
1,1-Dichloroethylene	0.320	U	6	-	No further Action
Carbon tetrachloride	0.500	U	6	-	No Further Action
cis-1,2-Dichloroethylene	0.320	U	6	-	No Further Action
Methylene chloride	2.200	U	600	60	No Further Action
Tetrachloroethylene	17	D	300	30	No Further Action
Trichloroethylene	0.430	U	20	2	No further Action
Vinyl Chloride	0.410	U	6	-	No further Action

Sample ID	OA-1		NYSDOH Immediate Action Level	NYSDOH Air Guidance Value	NYSDOH Decision Matrix
Sampling Date	2/2/2023 1:26:00 PM				
Client Matrix	Outdoor Ambient Air				
Compound	Result	Q			
Volatile Organics, EPA TO15 Full List	ug/m3		-	-	
Dilution Factor	0.795		-	-	
1,1,1-Trichloroethane	0.430	U	100	-	No further Action
1,1-Dichloroethylene	0.0790	U	6	-	No further Action
Carbon tetrachloride	0.300	D	6	-	No Further Action
cis-1,2-Dichloroethylene	0.0790	U	6	-	No Further Action
Methylene chloride	0.660	D	600	60	No Further Action
Tetrachloroethylene	0.540	U	300	30	No Further Action
Trichloroethylene	0.110	U	20	2	No further Action
Vinyl Chloride	0.100	U	6	-	No further Action

Sample ID	SV-3		NYSDOH Immediate Action Level	NYSDOH Air Guidance Value	NYSDOH Decision Matrix
Sampling Date	2/2/2023 2:20:00 PM				
Client Matrix	Soil Vapor				
Compound	Result	Q			
Volatile Organics, EPA TO15 Full List	ug/m3		-	-	
Dilution Factor	16.01		-	-	
1,1,1-Trichloroethane	8.700	U	100	-	No further Action
1,1-Dichloroethylene	1.600	U	6	-	No further Action
Carbon tetrachloride	2.500	U	6	-	No Further Action
cis-1,2-Dichloroethylene	1.600	U	6	-	No Further Action
Methylene chloride	11	U	600	60	No Further Action
Tetrachloroethylene	20	D	300	30	No Further Action
Trichloroethylene	2.200	U	20	2	No further Action
Vinyl Chloride	2	U	6	-	No further Action



- Approximate Property Line
- 2018 Soil Sampling Location
- -2023 Soil Sampling Location
- -2023 Groundwater Sampling Location
- -Soil Vapor Sample Location
- -Outdoor Air Sample Location
- -Approximate Location of 2018 Groundwater Sampling Location

SCALE

0 — 100 FT.

Figure 6 - Summary of 2023 Soil Vapor Results

Site: ABC NY
Beach 62nd Street
Queens, New York

Date: April 2023

PREFERRED ENVIRONMENTAL SERVICES

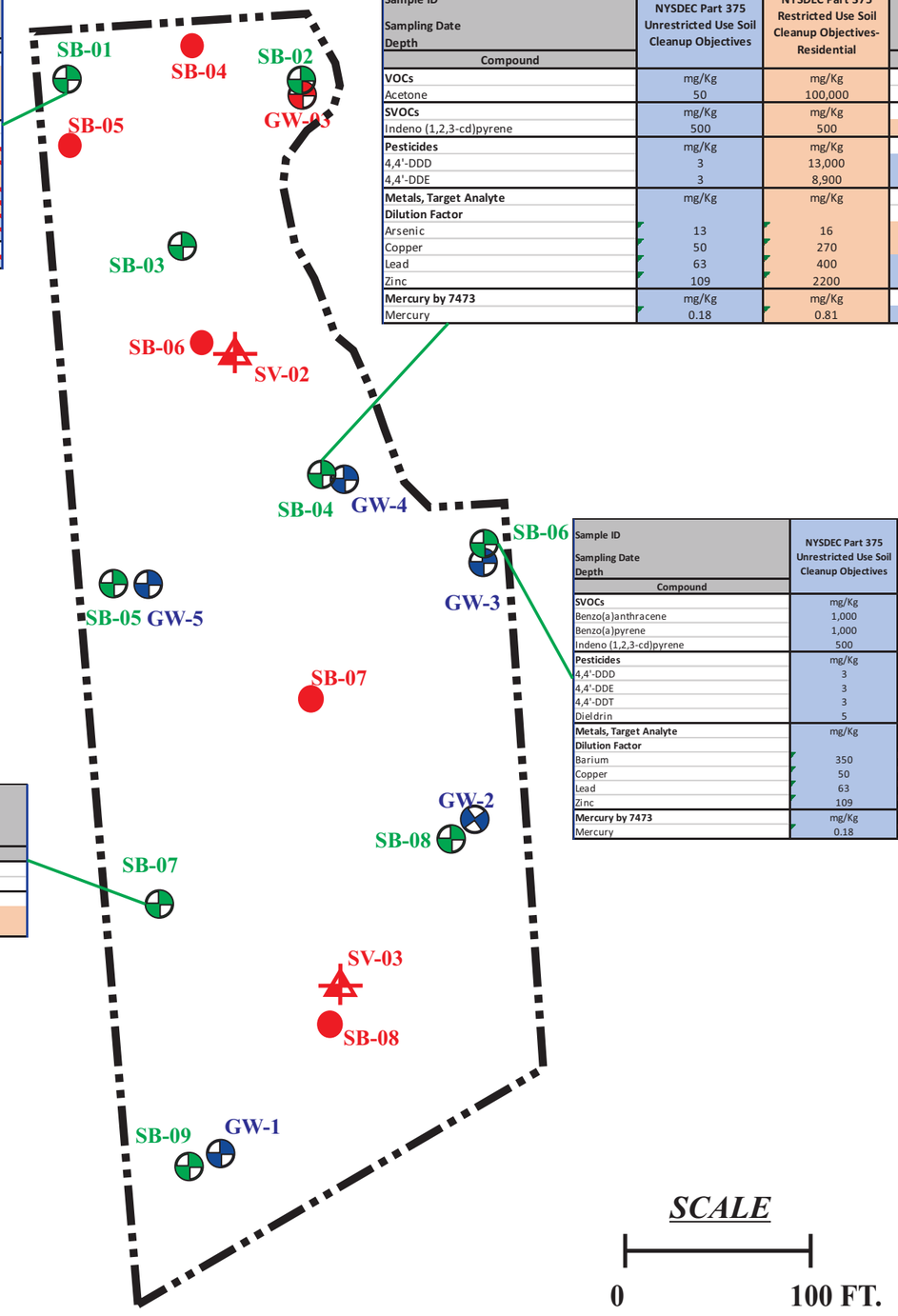
323 Merrick Avenue - North Merrick, New York 11566
Tel: (516) 546-1100 Fax : (516) 213-8156

Sample ID Sampling Date Depth	NYSDEC Part 375 Unrestricted Use Soil Cleanup Objectives	NYSDEC Part 375 Restricted Use Soil Cleanup Objectives-Residential	SB-1 2/23/2018 6 feet
Compound			Result
SVOCs	mg/Kg	mg/Kg	mg/Kg
Benzo(a)anthracene	1,000	1,000	1,000
Benzo(a)pyrene	1,000	1,000	1,200
Benzo(b)fluotanthene	1,000	1,000	1,100
Indeno (1,2,3-cd)pyrene	500	500	1,100
Metals, Target Analyte	mg/Kg	mg/Kg	mg/Kg
Dilution Factor			
Arsenic	13	16	23.800
Barium	350	350	1,790
Cadmium	2.5	2.5	2.950
Copper	50	270	246
Lead	63	400	1,590
Nickel	30	140	34.800
Zinc	109	2200	1,130
Mercury by 7473	mg/Kg	mg/Kg	
Mercury	0.18	0.81	0.190

Sample ID Sampling Date Depth	NYSDEC Part 375 Unrestricted Use Soil Cleanup Objectives	NYSDEC Part 375 Restricted Use Soil Cleanup Objectives-Residential	SB-4 2/23/2018 6 feet
Compound			Result
VOCs	mg/Kg	mg/Kg	mg/Kg
Acetone	50	100,000	
SVOCs	mg/Kg	mg/Kg	mg/Kg
Indeno (1,2,3-cd)pyrene	500	500	570
Pesticides	mg/Kg	mg/Kg	mg/Kg
4,4'-DDD	3	13,000	130
4,4'-DDE	3	8,900	49
Metals, Target Analyte	mg/Kg	mg/Kg	mg/Kg
Dilution Factor			
Arsenic	13	16	30.200
Copper	50	270	384
Lead	63	400	220
Zinc	109	2200	228
Mercury by 7473	mg/Kg	mg/Kg	
Mercury	0.18	0.81	0.450

Sample ID Sampling Date Depth	NYSDEC Part 375 Unrestricted Use Soil Cleanup Objectives	NYSDEC Part 375 Restricted Use Soil Cleanup Objectives-Residential	SB-6 2/23/2018 6 feet
Compound			Result
SVOCs	mg/Kg	mg/Kg	mg/Kg
Benzo(a)anthracene	1,000	1,000	1,500
Benzo(a)pyrene	1,000	1,000	1,200
Indeno (1,2,3-cd)pyrene	500	500	700
Pesticides	mg/Kg	mg/Kg	mg/Kg
4,4'-DDD	3	13,000	27
4,4'-DDE	3	8,900	7
4,4'-DDT	3	7,900	9
Dieldrin	5	200	5
Metals, Target Analyte	mg/Kg	mg/Kg	mg/Kg
Dilution Factor			
Barium	350	350	359
Copper	50	270	61
Lead	63	400	657
Zinc	109	2200	376
Mercury by 7473	mg/Kg	mg/Kg	
Mercury	0.18	0.81	0.260

Sample ID Sampling Date Depth	NYSDEC Part 375 Unrestricted Use Soil Cleanup Objectives	NYSDEC Part 375 Restricted Use Soil Cleanup Objectives-Residential	SB-7 2/23/2018 6 feet
Compound			Result
VOCs	mg/Kg	mg/Kg	mg/Kg
Acetone	50	100,000	120
SVOCs	mg/Kg	mg/Kg	mg/Kg
Benzo(a)anthracene	1,000	1,000	1,500
Indeno (1,2,3-cd)pyrene	500	500	540



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- Approximate Property Line

- 2018 Soil Sampling Location

-2023 Soil Sampling Location

-2023 Groundwater Sampling Location

-Proposed Soil Vapor Location

-Approximate Location of 2018 Groundwater Sampling Location

SCALE

0 100 FT.

Figure 7 - 2018 Soil Sample Results

Site: ABC NY
Beach 62nd Street
Queens, New York

Date: January 2023

PREFERRED ENVIRONMENTAL SERVICES

323 Merrick Avenue - North Merrick, New York 11566
Tel: (516) 546-1100 Fax : (516) 213-8156

Appendix B

Tables

Table 1a
Volatile Organic Compounds in Soil
Beach 62nd Street, Queens NY

Sample ID	NYSDEC Part 375 Unrestricted Use Soil Cleanup Objectives	NYSDEC Part 375 Restricted Use Soil Cleanup Objectives-Residential	SB-1 (0-2 ft)		SB-1 (3-5 ft)		SB-2 (0-2 ft)		SB-2 (5-7 ft)		SB-3 (0-2 ft)		SB-3 (4-6 ft)		SB-4 (0-2 ft)		SB-4 (5-7 ft)	
York ID			23B0078-01		23B0078-02		23B0078-03		23B0078-04		23B0078-05		23B0078-06		23B0078-07		23B0078-08	
Sampling Date			2/1/2023 9:38:00 AM		2/1/2023 9:42:00 AM		2/1/2023 10:11:00 AM		2/1/2023 10:15:00 AM		2/1/2023 10:41:00 AM		2/1/2023 10:46:00 AM		2/1/2023 12:03:00 PM		2/1/2023 12:08:00 PM	
Client Matrix			Soil		Soil		Soil		Soil		Soil		Soil		Soil		Soil	
Compound			Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q
Volatile Organics, 8260 - Comprehensive	mg/Kg	mg/Kg	mg/Kg		mg/Kg		mg/Kg		mg/Kg		mg/Kg		mg/Kg		mg/Kg		mg/Kg	
Dilution Factor			1		1		1		1		1		1		1		1	
1,1,1,2-Tetrachloroethane	~	~	0.00250	U	0.00240	U	0.00250	U	0.00260	U	0.00330	U	0.00510	U	0.00260	U	0.00270	U
1,1,1-Trichloroethane	0.68	100	0.00250	U	0.00240	U	0.00250	U	0.00260	U	0.00330	U	0.00510	U	0.00260	U	0.00270	U
1,1,2,2-Tetrachloroethane	~	~	0.00250	U	0.00240	U	0.00250	U	0.00260	U	0.00330	U	0.00510	U	0.00260	U	0.00270	U
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	~	~	0.00250	U	0.00240	U	0.00250	U	0.00260	U	0.00330	U	0.00510	U	0.00260	U	0.00270	U
1,1,2-Trichloroethane	~	~	0.00250	U	0.00240	U	0.00250	U	0.00260	U	0.00330	U	0.00510	U	0.00260	U	0.00270	U
1,1-Dichloroethane	0.27	19	0.00250	U	0.00240	U	0.00250	U	0.00260	U	0.00330	U	0.00510	U	0.00260	U	0.00270	U
1,1-Dichloroethylene	0.33	100	0.00250	U	0.00240	U	0.00250	U	0.00260	U	0.00330	U	0.00510	U	0.00260	U	0.00270	U
1,2,3-Trichlorobenzene	~	~	0.00250	U	0.00240	U	0.00250	U	0.00260	U	0.00330	U	0.00510	U	0.00260	U	0.00270	U
1,2,3-Trichloropropane	~	~	0.00250	U	0.00240	U	0.00250	U	0.00260	U	0.00330	U	0.00510	U	0.00260	U	0.00270	U
1,2,4-Trichlorobenzene	~	~	0.00250	U	0.00240	U	0.00250	U	0.00260	U	0.00330	U	0.00510	U	0.00260	U	0.00270	U
1,2,4-Trimethylbenzene	3.6	47	0.00250	U	0.00240	U	0.00250	U	0.00260	U	0.00330	U	0.00510	U	0.00260	U	0.00270	U
1,2-Dibromo-3-chloropropane	~	~	0.00250	U	0.00240	U	0.00250	U	0.00260	U	0.00330	U	0.00510	U	0.00260	U	0.00270	U
1,2-Dibromoethane	~	~	0.00250	U	0.00240	U	0.00250	U	0.00260	U	0.00330	U	0.00510	U	0.00260	U	0.00270	U
1,2-Dichlorobenzene	1.1	100	0.00250	U	0.00240	U	0.00250	U	0.00260	U	0.00330	U	0.00510	U	0.00260	U	0.00270	U
1,2-Dichloroethane	0.02	2.3	0.00250	U	0.00240	U	0.00250	U	0.00260	U	0.00330	U	0.00510	U	0.00260	U	0.00270	U
1,2-Dichloropropane	~	~	0.00250	U	0.00240	U	0.00250	U	0.00260	U	0.00330	U	0.00510	U	0.00260	U	0.00270	U
1,3,5-Trimethylbenzene	8.4	47	0.00250	U	0.00240	U	0.00250	U	0.00260	U	0.00330	U	0.00510	U	0.00260	U	0.00270	U
1,3-Dichlorobenzene	2.4	17	0.00250	U	0.00240	U	0.00250	U	0.00260	U	0.00330	U	0.00510	U	0.00260	U	0.00270	U
1,4-Dichlorobenzene	1.8	9.8	0.00250	U	0.00240	U	0.00250	U	0.00260	U	0.00330	U	0.00510	U	0.00260	U	0.00270	U
1,4-Dioxane	0.1	9.8	0.0500	U	0.0470	U	0.0510	U	0.0510	U	0.0650	U	0.100	U	0.0520	U	0.0550	U
2-Butanone	0.12	100	0.00250	U	0.00240	U	0.00250	U	0.00270	J	0.00330	U	0.00510	U	0.00260	U	0.00270	U
2-Hexanone	~	~	0.00250	U	0.00240	U	0.00250	U	0.00260	U	0.00330	U	0.00510	U	0.00260	U	0.00270	U
4-Methyl-2-pentanone	~	~	0.00250	U	0.00240	U	0.00250	U	0.00260	U	0.00330	U	0.00510	U	0.00260	U	0.00270	U
Acetone	0.05	100	0.00500	U	0.00470	U	0.00510	U	0.00980	J	0.00650	U	0.0100	U	0.00520	U	0.00560	J
Acrolein	~	~	0.00500	U	0.00470	U	0.00510	U	0.00510	U	0.00650	U	0.0100	U	0.00520	U	0.00550	U
Acrylonitrile	~	~	0.00250	U	0.00240	U	0.00250	U	0.00260	U	0.00330	U	0.00510	U	0.00260	U	0.00270	U
Benzene	0.06	2.9	0.00250	U	0.00240	U	0.00250	U	0.00260	U	0.00330	U	0.00510	U	0.00260	U	0.00270	U
Bromochloromethane	~	~	0.00250	U	0.00240	U	0.00250	U	0.00260	U	0.00330	U	0.00510	U	0.00260	U	0.00270	U
Bromodichloromethane	~	~	0.00250	U	0.00240	U	0.00250	U	0.00260	U	0.00330	U	0.00510	U	0.00260	U	0.00270	U
Bromoform	~	~	0.00250	U	0.00240	U	0.00250	U	0.00260	U	0.00330	U	0.00510	U	0.00260	U	0.00270	U
Bromomethane	~	~	0.00250	U	0.00240	U	0.00250	U	0.00260	U	0.00330	U	0.00510	U	0.00260	U	0.00270	U
Carbon disulfide	~	~	0.00250	U	0.00240	U	0.00250	U	0.00260	U	0.00330	U	0.00510	U	0.00260	U	0.00270	U
Carbon tetrachloride	0.76	1.4	0.00250	U	0.00240	U	0.00250	U	0.00260	U	0.00330	U	0.00510	U	0.00260	U	0.00270	U
Chlorobenzene	1.1	100	0.00250	U	0.00240	U	0.00250	U	0.00260	U	0.00330	U	0.00510	U	0.00260	U	0.00270	U
Chloroethane	~	~	0.00250	U	0.00240	U	0.00250	U	0.00260	U	0.00330	U	0.00510	U	0.00260	U	0.00270	U
Chloroform	0.37	10	0.00250	U	0.00240	U	0.00250	U	0.00260	U	0.00330	U	0.00510	U	0.00260	U	0.00270	U
Chloromethane	~	~	0.00250	U	0.00240	U	0.00250	U	0.00260	U	0.00330	U	0.00510	U	0.00260	U	0.00270	U
cis-1,2-Dichloroethylene	0.25	59	0.00250	U	0.00240	U	0.00250	U	0.00260	U	0.00330	U	0.00510	U	0.00260	U	0.00270	U
cis-1,3-Dichloropropylene	~	~	0.00250	U	0.00240	U	0.00250	U	0.00260	U	0.00330	U	0.00510	U	0.00260	U	0.00270	U
Cyclohexane	~	~	0.00250	U	0.00240	U	0.00250	U	0.00260	U	0.00330	U	0.00510	U	0.00260	U	0.00270	U
Dibromochloromethane	~	~	0.00250	U	0.00240	U	0.00250	U	0.00260	U	0.00330	U	0.00510	U	0.00260	U	0.00270	U
Dibromomethane	~	~	0.00250	U	0.00240	U	0.00250	U	0.00260	U	0.00330	U	0.00510	U	0.00260	U	0.00270	U
Dichlorodifluoromethane	~	~	0.00250	U	0.00240	U	0.00250	U	0.00260	U	0.00330	U	0.00510	U	0.00260	U	0.00270	U
Ethyl Benzene	1	30	0.00250	U	0.00240	U	0.00250	U	0.00260	U	0.00330	U	0.00510	U	0.00260	U	0.00270	U
Hexachlorobutadiene	~	~	0.00250	U	0.00240	U	0.00250	U	0.00260	U	0.00330	U	0.00510	U	0.00260	U	0.00270	U
Isopropylbenzene	~	~	0.00250	U	0.00240	U	0.00250	U	0.00260	U	0.00330	U	0.00510	U	0.00260	U	0.00270	U
Methyl acetate	~	~	0.00250	U	0.00240	U	0.00250	U	0.00260	U	0.00330	U	0.00510	U	0.00260	U	0.00270	U
Methyl tert-butyl ether (MTBE)	0.93	62	0.00250	U	0.00240	U	0.00250	U	0.00260	U	0.00330	U	0.00510	U	0.00260	U	0.00270	U
Methylcyclohexane	~	~	0.00250	U	0.00240	U	0.00250	U	0.00260	U	0.00330	U	0.00510	U	0.00260	U	0.00270	U
Methylene chloride	0.05	51	0.00500	U	0.00470	U	0.00510	U	0.00510	U	0.00650	U	0.0100	U	0.00520	U	0.00550	U
n-Butylbenzene	12	100	0.00250	U	0.00240	U	0.00250	U	0.00260	U	0.00330	U	0.00510	U	0.00260	U	0.00270	U
n-Propylbenzene	3.9	100	0.00250	U	0.00240	U	0.00250	U	0.00260	U	0.00330	U	0.00510	U	0.00260	U	0.00270	U
o-Xylene	~	~	0.00250	U	0.00240	U	0.00250	U	0.00260	U	0.00330	U	0.00510	U	0.00260	U	0.00270	U
p- & m- Xylenes	~	~	0.00500	U	0.00470	U	0.00510	U	0.00510	U	0.00650	U	0.0100	U	0.00520	U	0.00550	U
p-Isopropyltoluene	~	~	0.00250	U	0.00240	U	0.00250	U	0.00260	U	0.00330	U	0.00510	U	0.00260	U	0.00270	U
sec-Butylbenzene	11	100	0.00250	U	0.00240	U	0.00250	U	0.00260	U	0.00330	U	0.00510	U	0.00260	U	0.00270	U
Styrene	~	~	0.00250	U	0.00240	U	0.00250	U	0.00260	U	0.00330	U	0.00510	U	0.00260	U	0.00270	U
tert-Butyl alcohol (TBA)	~	~	0.00250	U	0.00240	U	0.00250	U	0.00260	U	0.00330	U	0.00510	U	0.00260	U	0.00270	U
tert-Butylbenzene	5.9	100	0.00250	U	0.00240	U	0.00250	U	0.00260	U	0.00330	U	0.00510	U	0.00260	U	0.00270	U
Tetrachloroethylene	1.3	5.5	0.00250	U	0.00240	U	0.00250	U	0.00260	U	0.00330	U	0.00510	U	0.00260	U	0.00270	U
Toluene	0.7	100	0.00250	U	0.00240	U	0.00340	J	0.00260	U	0.00330	U	0.00510	U	0.00260	U	0.00270	U
trans-1,2-Dichloroethylene	0.19	100	0.00250	U	0.00240	U	0.00250	U	0.00260	U	0.00330	U	0.00510	U	0.00260	U	0.00270	U
trans-1,3-Dichloropropylene	~	~	0.00250	U	0.00240	U	0.00250	U	0.00260	U	0.00330	U	0.00510	U	0.00260	U	0.00270	U
trans-1,4-dichloro-2-butene	~	~	0.00250	U	0.00240	U	0.00250	U	0.00260	U	0.00330	U	0.00510	U	0.00260	U	0.00270	U
Trichloroethylene	0.47	10	0.00250	U	0.00240	U	0.00250	U	0.00260	U	0.00330	U	0.00510	U	0.00260	U	0.00270	U
Trichlorofluoromethane	~	~	0.00250	U	0.00240	U	0.00250	U	0.00260	U	0.00330	U	0.00510	U	0.00260	U	0.00270	U
Vinyl Chloride	0.02	0.21	0.00250	U	0.00240	U	0.00250	U	0.00260	U	0.00330	U	0.00510	U	0.00260	U	0.00270	U
Xylenes, Total	0.26	100	0.00760	U	0.00710	U	0.00760	U	0.00770	U	0.00980	U	0.0150	U	0.00780	U	0.00820	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
P=this flag is used for pesticide and PCB (Aroclor) target compounds when there is a % difference for detected concentrations that exceed method dictated limits between the two GC columns used for analysis
NT=this indicates the analyte was not a target for this sample
~=this indicates that no regulatory limit has been established for this analyte

Table 1b
Volatile Organic Compounds in Soil
Beach 62nd Street, Queens NY

Sample ID			SB-5 (0-2 ft)		SB-5 (4-6 ft)		SB-6 (0-2 ft)		SB-6 (5-7 ft)		SB-7 (0-2 ft)		SB-7 (3-5 ft)		SB-8 (0-2 ft)		SB-8 (3-5 ft)	
York ID	NYSDEC Part 375 Unrestricted Use Soil Cleanup Objectives	NYSDEC Part 375 Restricted Use Soil Cleanup Objectives-Residential	23B0078-09		23B0078-10		23B0078-11		23B0078-12		23B0078-13		23B0078-14		23B0078-15		23B0078-16	
Sampling Date			2/1/2023 12:24:00 PM		2/1/2023 12:39:00 PM		2/1/2023 1:19:00 PM		2/1/2023 1:24:00 PM		2/1/2023 1:40:00 PM		2/1/2023 1:50:00 PM		2/1/2023 2:28:00 PM		2/1/2023 2:35:00 PM	
Client Matrix			Soil		Soil		Soil		Soil		Soil		Soil		Soil		Soil	
Compound			Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q
Volatile Organics, 8260 - Comprehensive	mg/Kg	mg/Kg	mg/Kg		mg/Kg		mg/Kg		mg/Kg		mg/Kg		mg/Kg		mg/Kg		mg/Kg	
Dilution Factor			1		1		1		1		1		1		1		1	
1,1,1,2-Tetrachloroethane	~	~	0.00270	U	0.00290	U	0.00250	U	0.00350	U	0.00250	U	0.00290	U	0.00210	U	0.00270	U
1,1,1-Trichloroethane	0.68	100	0.00270	U	0.00290	U	0.00250	U	0.00350	U	0.00250	U	0.00290	U	0.00210	U	0.00270	U
1,1,2,2-Tetrachloroethane	~	~	0.00270	U	0.00290	U	0.00250	U	0.00350	U	0.00250	U	0.00290	U	0.00210	U	0.00270	U
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	~	~	0.00270	U	0.00290	U	0.00250	U	0.00350	U	0.00250	U	0.00290	U	0.00210	U	0.00270	U
1,1,2-Trichloroethane	~	~	0.00270	U	0.00290	U	0.00250	U	0.00350	U	0.00250	U	0.00290	U	0.00210	U	0.00270	U
1,1-Dichloroethane	0.27	19	0.00270	U	0.00290	U	0.00250	U	0.00350	U	0.00250	U	0.00290	U	0.00210	U	0.00270	U
1,1-Dichloroethylene	0.33	100	0.00270	U	0.00290	U	0.00250	U	0.00350	U	0.00250	U	0.00290	U	0.00210	U	0.00270	U
1,2,3-Trichlorobenzene	~	~	0.00270	U	0.00290	U	0.00250	U	0.00350	U	0.00250	U	0.00290	U	0.00210	U	0.00270	U
1,2,3-Trichloropropane	~	~	0.00270	U	0.00290	U	0.00250	U	0.00350	U	0.00250	U	0.00290	U	0.00210	U	0.00270	U
1,2,4-Trichlorobenzene	~	~	0.00270	U	0.00290	U	0.00250	U	0.00350	U	0.00250	U	0.00290	U	0.00210	U	0.00270	U
1,2,4-Trimethylbenzene	3.6	47	0.00270	U	0.00290	U	0.00250	U	0.00350	U	0.00250	U	0.00290	U	0.00210	U	0.00270	U
1,2-Dibromo-3-chloropropane	~	~	0.00270	U	0.00290	U	0.00250	U	0.00350	U	0.00250	U	0.00290	U	0.00210	U	0.00270	U
1,2-Dibromoethane	~	~	0.00270	U	0.00290	U	0.00250	U	0.00350	U	0.00250	U	0.00290	U	0.00210	U	0.00270	U
1,2-Dichlorobenzene	1.1	100	0.00270	U	0.00290	U	0.00250	U	0.00350	U	0.00250	U	0.00290	U	0.00210	U	0.00270	U
1,2-Dichloroethane	0.02	2.3	0.00270	U	0.00290	U	0.00250	U	0.00350	U	0.00250	U	0.00290	U	0.00210	U	0.00270	U
1,2-Dichloropropane	~	~	0.00270	U	0.00290	U	0.00250	U	0.00350	U	0.00250	U	0.00290	U	0.00210	U	0.00270	U
1,3,5-Trimethylbenzene	8.4	47	0.00270	U	0.00290	U	0.00250	U	0.00350	U	0.00250	U	0.00290	U	0.00210	U	0.00270	U
1,3-Dichlorobenzene	2.4	17	0.00270	U	0.00290	U	0.00250	U	0.00350	U	0.00250	U	0.00290	U	0.00210	U	0.00270	U
1,4-Dichlorobenzene	1.8	9.8	0.00270	U	0.00290	U	0.00250	U	0.00350	U	0.00250	U	0.00290	U	0.00210	U	0.00270	U
1,4-Dioxane	0.1	9.8	0.0530	U	0.0580	U	0.0500	U	0.0700	U	0.0500	U	0.0570	U	0.0430	U	0.0530	U
2-Butanone	0.12	100	0.00270	U	0.00290	U	0.00250	U	0.0190		0.00250	U	0.00290	U	0.00470		0.00700	
2-Hexanone	~	~	0.00270	U	0.00290	U	0.00250	U	0.00350	U	0.00250	U	0.00290	U	0.00210	U	0.00270	U
4-Methyl-2-pentanone	~	~	0.00270	U	0.00290	U	0.00250	U	0.00350	U	0.00250	U	0.00290	U	0.00210	U	0.00270	U
Acetone	0.05	100	0.00530	U	0.00580	U	0.00500	U	**0.0700**		0.00500	U	0.00570	U	0.0210		0.0290	
Acrolein	~	~	0.00530	U	0.00580	U	0.00500	U	0.00700	U	0.00500	U	0.00570	U	0.00430	U	0.00530	U
Acrylonitrile	~	~	0.00270	U	0.00290	U	0.00250	U	0.00350	U	0.00250	U	0.00290	U	0.00210	U	0.00270	U
Benzene	0.06	2.9	0.00270	U	0.00290	U	0.00250	U	0.00350	U	0.00250	U	0.00290	U	0.00210	U	0.00270	U
Bromochloromethane	~	~	0.00270	U	0.00290	U	0.00250	U	0.00350	U	0.00250	U	0.00290	U	0.00210	U	0.00270	U
Bromodichloromethane	~	~	0.00270	U	0.00290	U	0.00250	U	0.00350	U	0.00250	U	0.00290	U	0.00210	U	0.00270	U
Bromoform	~	~	0.00270	U	0.00290	U	0.00250	U	0.00350	U	0.00250	U	0.00290	U	0.00210	U	0.00270	U
Bromomethane	~	~	0.00270	U	0.00290	U	0.00250	U	0.00350	U	0.00250	U	0.00290	U	0.00210	U	0.00270	U
Carbon disulfide	~	~	0.00270	U	0.00290	U	0.00250	U	0.00350	U	0.00250	U	0.00290	U	0.00210	U	0.00270	U
Carbon tetrachloride	0.76	1.4	0.00270	U	0.00290	U	0.00250	U	0.00350	U	0.00250	U	0.00290	U	0.00210	U	0.00270	U
Chlorobenzene	1.1	100	0.00270	U	0.00290	U	0.00250	U	0.00350	U	0.00250	U	0.00290	U	0.00210	U	0.00270	U
Chloroethane	~	~	0.00270	U	0.00290	U	0.00250	U	0.00350	U	0.00250	U	0.00290	U	0.00210	U	0.00270	U
Chloroform	0.37	10	0.00270	U	0.00290	U	0.00250	U	0.00350	U	0.00250	U	0.00290	U	0.00210	U	0.00270	U
Chloromethane	~	~	0.00270	U	0.00290	U	0.00250	U	0.00350	U	0.00250	U	0.00290	U	0.00210	U	0.00270	U
cis-1,2-Dichloroethylene	0.25	59	0.00270	U	0.00290	U	0.00250	U	0.00350	U	0.00250	U	0.00290	U	0.00210	U	0.00270	U
cis-1,3-Dichloropropylene	~	~	0.00270	U	0.00290	U	0.00250	U	0.00350	U	0.00250	U	0.00290	U	0.00210	U	0.00270	U
Cyclohexane	~	~	0.00270	U	0.00290	U	0.00250	U	0.00350	U	0.00250	U	0.00290	U	0.00210	U	0.00270	U
Dibromochloromethane	~	~	0.00270	U	0.00290	U	0.00250	U	0.00350	U	0.00250	U	0.00290	U	0.00210	U	0.00270	U
Dibromomethane	~	~	0.00270	U	0.00290	U	0.00250	U	0.00350	U	0.00250	U	0.00290	U	0.00210	U	0.00270	U
Dichlorodifluoromethane	~	~	0.00270	U	0.00290	U	0.00250	U	0.00350	U	0.00250	U	0.00290	U	0.00210	U	0.00270	U
Ethyl Benzene	1	30	0.00270	U	0.00290	U	0.00250	U	0.00350	U	0.00250	U	0.00290	U	0.00210	U	0.00270	U
Hexachlorobutadiene	~	~	0.00270	U	0.00290	U	0.00250	U	0.00350	U	0.00250	U	0.00290	U	0.00210	U	0.00270	U
Isopropylbenzene	~	~	0.00270	U	0.00290	U	0.00250	U	0.00350	U	0.00250	U	0.00290	U	0.00210	U	0.00270	U
Methyl acetate	~	~	0.00270	U	0.00290	U	0.00250	U	0.00350	U	0.00250	U	0.00290	U	0.00210	U	0.00270	U
Methyl tert-butyl ether (MTBE)	0.93	62	0.00270	U	0.00290	U	0.00250	U	0.00350	U	0.00250	U	0.00290	U	0.00210	U	0.00270	U
Methylcyclohexane	~	~	0.00270	U	0.00290	U	0.00250	U	0.00350	U	0.00250	U	0.00290	U	0.00210	U	0.00270	U
Methylene chloride	0.05	51	0.00530	U	0.00580	U	0.00500	U	0.00700	U	0.00500	U	0.00570	U	0.00430	U	0.00530	U
n-Butylbenzene	12	100	0.00270	U	0.00290	U	0.00250	U	0.00350	U	0.00250	U	0.00290	U	0.00210	U	0.00270	U
n-Propylbenzene	3.9	100	0.00270	U	0.00290	U	0.00250	U	0.00350	U	0.00250	U	0.00290	U	0.00210	U	0.00270	U
o-Xylene	~	~	0.00270	U	0.00290	U	0.00250	U	0.00350	U	0.00250	U	0.00290	U	0.00210	U	0.00270	U
p- & m- Xylenes	~	~	0.00530	U	0.00580	U	0.00500	U	0.00700	U	0.00500	U	0.00570	U	0.00430	U	0.00530	U
p-Isopropyltoluene	~	~	0.00270	U	0.00290	U	0.00250	U	0.00350	U	0.00250	U	0.00290	U	0.00210	U	0.00270	U
sec-Butylbenzene	11	100	0.00270	U	0.00290	U	0.00250	U	0.00350	U	0.00250	U	0.00290	U	0.00210	U	0.00270	U
Styrene	~	~	0.00270	U	0.00290	U	0.00250	U	0.00350	U	0.00250	U	0.00290	U	0.00210	U	0.00270	U
tert-Butyl alcohol (TBA)	~	~	0.00270	U	0.00290	U	0.00250	U	0.00350	U	0.00250	U	0.00290	U	0.00210	U	0.00270	U
tert-Butylbenzene	5.9	100	0.00270	U	0.00290	U	0.00250	U	0.00350	U	0.00250	U	0.00290	U	0.00210	U	0.00270	U
Tetrachloroethylene	1.3	5.5	0.00270	U	0.00290	U	0.00250	U	0.00350	U	0.00250	U	0.00290	U	0.00210	U	0.00270	U
Toluene	0.7	100	0.00270	U	0.00290	U	0.00250	U	0.00350	U	0.00250	U	0.00290	U	0.00210	U	0.00270	U
trans-1,2-Dichloroethylene	0.19	100	0.00270	U	0.00290	U	0.00250	U	0.00350	U	0.00250	U	0.00290	U	0.00210	U	0.00270	U
trans-1,3-Dichloropropylene	~	~	0.00270	U	0.00290	U	0.00250	U	0.00350	U	0.00250	U	0.00290	U	0.00210	U	0.00270	U
trans-1,4-dichloro-2-butene	~	~	0.00270	U	0.00290	U	0.00250	U	0.00350	U	0.00250	U	0.00290	U	0.00210	U	0.00270	U
Trichloroethylene	0.47	10	0.00270	U	0.00290	U	0.00250	U	0.00350	U	0.00250	U	0.00290	U	0.00210	U	0.00270	U
Trichlorofluoromethane	~	~	0.00270	U	0.00290	U	0.00250	U	0.00350	U	0.00250	U	0.00290	U	0.00210	U	0.00270	U
Vinyl Chloride	0.02	0.21	0.00270	U	0.00290	U	0.00250	U	0.00350	U	0.00250	U	0.00290	U	0.00210	U	0.00270	U
Xylenes, Total	0.26	100	0.00800	U	0.00870	U	0.00750	U	0.0110	U	0.00740	U	0.00860	U	0.00640	U	0.00800	U

NOTES:
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Q is the Qualifier Column with definitions as follows:
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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
P=this flag is used for pesticide and PCB (Aroclor) target compounds when there is a % difference for detected concentrations that exceed method dictated limits between the two GC columns used for analysis
NT=this indicates the analyte was not a target for this sample
~=this indicates that no regulatory limit has been established for this analyte

Table 2a
Semi-Volatile Organic Compounds in Soil
Beach 62nd Street, Queens NY

Sample ID			SB-1 (0-2 ft)		SB-1 (3-5 ft)		SB-2 (0-2 ft)		SB-2 (5-7 ft)		SB-3 (0-2 ft)		SB-3 (4-6 ft)		SB-4 (0-2 ft)		SB-4 (5-7 ft)	
York ID	NYSDEC Part 375 Unrestricted Use Soil Cleanup Objectives	NYSDEC Part 375 Restricted Use Soil Cleanup Objectives-Residential	23B0078-01		23B0078-02		23B0078-03		23B0078-04		23B0078-05		23B0078-06		23B0078-07		23B0078-08	
Sampling Date			2/1/2023 9:38:00 AM		2/1/2023 9:42:00 AM		2/1/2023 10:11:00 AM		2/1/2023 10:15:00 AM		2/1/2023 10:41:00 AM		2/1/2023 10:46:00 AM		2/1/2023 12:03:00 PM		2/1/2023 12:08:00 PM	
Client Matrix			Soil		Soil		Soil		Soil		Soil		Soil		Soil		Soil	
Compound			Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q
Semi-Volatiles, 8270 - Comprehensive	mg/Kg	mg/Kg	mg/Kg		mg/Kg		mg/Kg		mg/Kg		mg/Kg		mg/Kg		mg/Kg		mg/Kg	
Dilution Factor			2		10		2		2		2		2		2		2	
1,1-Biphenyl	~	~	0.0456	U	0.239	U	0.0459	U	0.0458	U	0.0479	U	0.0556	U	0.0460	U	0.0470	U
1,2,4,5-Tetrachlorobenzene	~	~	0.0909	U	0.477	U	0.0916	U	0.0913	U	0.0956	U	0.111	U	0.0918	U	0.0938	U
1,2,4-Trichlorobenzene	~	~	0.0456	U	0.239	U	0.0459	U	0.0458	U	0.0479	U	0.0556	U	0.0460	U	0.0470	U
1,2-Dichlorobenzene	1.1	100	0.0456	U	0.239	U	0.0459	U	0.0458	U	0.0479	U	0.0556	U	0.0460	U	0.0470	U
1,2-Diphenylhydrazine (as Azobenzene)	~	~	0.0456	U	0.239	U	0.0459	U	0.0458	U	0.0479	U	0.0556	U	0.0460	U	0.0470	U
1,3-Dichlorobenzene	2.4	17	0.0456	U	0.239	U	0.0459	U	0.0458	U	0.0479	U	0.0556	U	0.0460	U	0.0470	U
1,4-Dichlorobenzene	1.8	9.8	0.0456	U	0.239	U	0.0459	U	0.0458	U	0.0479	U	0.0556	U	0.0460	U	0.0470	U
2,3,4,6-Tetrachlorophenol	~	~	0.0909	U	0.477	U	0.0916	U	0.0913	U	0.0956	U	0.111	U	0.0918	U	0.0938	U
2,4,5-Trichlorophenol	~	~	0.0456	U	0.239	U	0.0459	U	0.0458	U	0.0479	U	0.0556	U	0.0460	U	0.0470	U
2,4,6-Trichlorophenol	~	~	0.0456	U	0.239	U	0.0459	U	0.0458	U	0.0479	U	0.0556	U	0.0460	U	0.0470	U
2,4-Dichlorophenol	~	~	0.0456	U	0.239	U	0.0459	U	0.0458	U	0.0479	U	0.0556	U	0.0460	U	0.0470	U
2,4-Dimethylphenol	~	~	0.0456	U	0.239	U	0.0459	U	0.0458	U	0.0479	U	0.0556	U	0.0460	U	0.0470	U
2,4-Dinitrophenol	~	~	0.0909	U	0.477	U	0.0916	U	0.0913	U	0.0956	U	0.111	U	0.0918	U	0.0938	U
2,4-Dinitrotoluene	~	~	0.0456	U	0.239	U	0.0459	U	0.0458	U	0.0479	U	0.0556	U	0.0460	U	0.0470	U
2,6-Dinitrotoluene	~	~	0.0456	U	0.239	U	0.0459	U	0.0458	U	0.0479	U	0.0556	U	0.0460	U	0.0470	U
2-Chloronaphthalene	~	~	0.0456	U	0.239	U	0.0459	U	0.0458	U	0.0479	U	0.0556	U	0.0460	U	0.0470	U
2-Chlorophenol	~	~	0.0456	U	0.239	U	0.0459	U	0.0458	U	0.0479	U	0.0556	U	0.0460	U	0.0470	U
2-Methylnaphthalene	~	~	0.0456	U	0.239	U	0.0459	U	0.0458	U	0.0479	U	0.0556	U	0.0460	U	0.0470	U
2-Methylphenol	0.33	100	0.0456	U	0.239	U	0.0459	U	0.0458	U	0.0479	U	0.0556	U	0.0460	U	0.0470	U
2-Nitroaniline	~	~	0.0909	U	0.477	U	0.0916	U	0.0913	U	0.0956	U	0.111	U	0.0918	U	0.0938	U
2-Nitrophenol	~	~	0.0456	U	0.239	U	0.0459	U	0.0458	U	0.0479	U	0.0556	U	0.0460	U	0.0470	U
3- & 4-Methylphenols	0.33	34	0.0456	U	0.239	U	0.0459	U	0.0458	U	0.0479	U	0.0556	U	0.0460	U	0.0470	U
3,3-Dichlorobenzidine	~	~	0.0456	U	0.239	U	0.0459	U	0.0458	U	0.0479	U	0.0556	U	0.0460	U	0.0470	U
3-Nitroaniline	~	~	0.0909	U	0.477	U	0.0916	U	0.0913	U	0.0956	U	0.111	U	0.0918	U	0.0938	U
4,6-Dinitro-2-methylphenol	~	~	0.0909	U	0.477	U	0.0916	U	0.0913	U	0.0956	U	0.111	U	0.0918	U	0.0938	U
4-Bromophenyl phenyl ether	~	~	0.0456	U	0.239	U	0.0459	U	0.0458	U	0.0479	U	0.0556	U	0.0460	U	0.0470	U
4-Chloro-3-methylphenol	~	~	0.0456	U	0.239	U	0.0459	U	0.0458	U	0.0479	U	0.0556	U	0.0460	U	0.0470	U
4-Chloroaniline	~	~	0.0456	U	0.239	U	0.0459	U	0.0458	U	0.0479	U	0.0556	U	0.0460	U	0.0470	U
4-Chlorophenyl phenyl ether	~	~	0.0456	U	0.239	U	0.0459	U	0.0458	U	0.0479	U	0.0556	U	0.0460	U	0.0470	U
4-Nitroaniline	~	~	0.0909	U	0.477	U	0.0916	U	0.0913	U	0.0956	U	0.111	U	0.0918	U	0.0938	U
4-Nitrophenol	~	~	0.0909	U	0.477	U	0.0916	U	0.0913	U	0.0956	U	0.111	U	0.0918	U	0.0938	U
Acenaphthene	20	100	0.0456	U	0.239	U	0.0459	U	0.0458	U	0.0479	U	0.0556	U	0.0661	JD	0.0470	U
Acenaphthylene	100	100	0.0545	JD	0.239	U	0.0459	U	0.0458	U	0.0680	JD	0.0556	U	0.0668	JD	0.0577	JD
Acetophenone	~	~	0.0456	U	0.239	U	0.0459	U	0.0458	U	0.0479	U	0.0556	U	0.0460	U	0.0470	U
Aniline	~	~	0.182	U	0.956	U	0.183	U	0.183	U	0.191	U	0.222	U	0.184	U	0.188	U
Anthracene	100	100	0.0930	D	0.239	U	0.172	D	0.0664	JD	0.122	D	0.0994	JD	0.288	D	0.100	D
Atrazine	~	~	0.0456	U	0.239	U	0.0459	U	0.0458	U	0.0479	U	0.0556	U	0.0460	U	0.0470	U
Benzaldehyde	~	~	0.0456	U	0.239	U	0.0459	U	0.0458	U	0.0479	U	0.0556	U	0.0460	U	0.0470	U
Benzidine	~	~	0.182	U	0.956	U	0.183	U	0.183	U	0.191	U	0.222	U	0.184	U	0.188	U
Benzo(a)anthracene	1	1	0.350	D	0.239	U	0.213	D	0.258	D	0.584	D	0.331	D	0.506	D	0.322	D
Benzo(a)pyrene	1	1	0.310	D	0.239	U	0.192	D	0.243	D	0.659	D	0.286	D	0.509	D	0.289	D
Benzo(b)fluoranthene	1	1	0.275	D	0.239	U	0.168	D	0.224	D	0.571	D	0.249	D	0.440	D	0.267	D
Benzo(g,h,i)perylene	100	100	0.225	D	0.239	U	0.149	D	0.162	D	0.410	D	0.178	D	0.301	D	0.166	D
Benzo(k)fluoranthene	0.8	1	0.275	D	0.239	U	0.171	D	0.204	D	0.569	D	0.244	D	0.397	D	0.272	D
Benzoic acid	~	~	0.0456	U	0.239	U	0.0459	U	0.0458	U	0.0479	U	0.0556	U	0.0460	U	0.0470	U
Benzyl alcohol	~	~	0.0456	U	0.239	U	0.0459	U	0.0458	U	0.0479	U	0.0556	U	0.0460	U	0.0470	U
Benzyl butyl phthalate	~	~	0.0456	U	0.239	U	0.146	D	0.0458	U	0.0479	U	0.0556	U	0.0460	U	0.0470	U
Bis(2-chloroethoxy)methane	~	~	0.0456	U	0.239	U	0.0459	U	0.0458	U	0.0479	U	0.0556	U	0.0460	U	0.0470	U
Bis(2-chloroethyl)ether	~	~	0.0456	U	0.239	U	0.0459	U	0.0458	U	0.0479	U	0.0556	U	0.0460	U	0.0470	U
Bis(2-chloroisopropyl)ether	~	~	0.0456	U	0.239	U	0.0459	U	0.0458	U	0.0479	U	0.0556	U	0.0460	U	0.0470	U
Bis(2-ethylhexyl)phthalate	~	~	0.0603	JD	0.239	U	0.0459	U	0.105	D	0.0558	JD	0.0556	U	0.0631	JD	0.0735	JD
Caprolactam	~	~	0.0909	U	0.477	U	0.0916	U	0.0913	U	0.0956	U	0.111	U	0.0918	U	0.0938	U
Carbazole	~	~	0.0456	U	0.239	U	0.0459	U	0.0458	U	0.0479	U	0.0556	U	0.0690	JD	0.0470	U
Chrysene	1	1	0.348	D	0.239	U	0.209	D	0.258	D	0.594	D	0.322	D	0.517	D	0.294	D
Dibenzo(a,h)anthracene	0.33	0.33	0.0785	JD	0.239	U	0.0459	U	0.0458	U	0.0756	JD	0.0556	U	0.0506	JD	0.0470	U
Dibenzofuran	7	14	0.0456	U	0.239	U	0.0459	U	0.0458	U	0.0479	U	0.0556	U	0.0460	U	0.0470	U
Diethyl phthalate	~	~	0.0456	U	0.239	U	0.0459	U	0.0458	U	0.0479	U	0.0556	U	0.0460	U	0.0470	U
Dimethyl phthalate	~	~	0.0456	U	0.239	U	0.0459	U	0.0458	U	0.0479	U	0.0556	U	0.0460	U	0.0470	U
Di-n-butyl phthalate	~	~	0.0456	U	0.239	U	0.0459	U	0.0458	U	0.0479	U	0.0556	U	0.0460	U	0.0470	U
Di-n-octyl phthalate	~	~	0.0456	U	0.239	U	0.0459	U	0.0458	U	0.0479	U	0.0556	U	0.0460	U	0.0470	U
Diphenylamine	~	~	0.0909	U	0.477	U	0.0916	U	0.0913	U	0.0956	U	0.111	U	0.0918	U	0.0938	U
Fluoranthene	100	100	0.639	D	0.286	JD	0.370	D	0.450	D	1.010	D	0.681	D	1.040	D	0.603	D
Fluorene	30	100	0.0456	U	0.239	U	0.0459	U	0.0458	U	0.0479	U	0.0556	U	0.0895	JD	0.0470	U
Hexachlorobenzene	0.33	0.33	0.0456	U	0.239	U	0.0459	U	0.0458	U	0.0479	U	0.0556	U	0.0460	U	0.0470	U
Hexachlorobutadiene	~	~	0.0456	U	0.239	U	0.0459	U	0.0458	U	0.0479	U	0.0556	U	0.0460	U	0.0470	U
Hexachlorocyclopentadiene	~	~	0.0456	U	0.239	U	0.0459	U	0.0458	U	0.0479	U	0.0556	U	0.0460	U	0.0470	U
Hexachloroethane	~	~	0.0456	U	0.239	U	0.0459	U	0.0458	U	0.0479	U	0.0556	U	0.0460	U	0.0470	U
Indeno(1,2,3-cd)pyrene	0.5	0.5	0.192	D	0.239	U	0.119	D	0.169	D	0.431	D	0.197	D	0.307	D	0.193	D
Isophorone	~	~	0.0456	U	0.239	U	0.0459	U	0.0458	U	0.0479	U	0.0556	U	0.0460	U	0.0470	U
Naphthalene	12	100	0.0456	U	0.239	U	0.0459	U	0.0458	U	0.0479	U	0.0556	U	0.0460	U	0.0772	JD
Nitrobenzene	~	~	0.0456	U	0.239	U	0.0459	U	0.0458	U	0.0479	U	0.0556	U	0.0460	U	0.0470	U
N-Nitrosodimethylamine	~	~	0.0456	U	0.239	U	0.0459	U	0.0458	U	0.0479	U	0.0556	U	0.0460	U	0.0470	U
N-nitroso-di-n-propylamine	~	~	0.0456	U	0.239	U	0.0459	U	0.0458	U	0.0479	U	0.0556	U	0.0460	U	0.0470	U
N-Nitrosodiphenylamine	~	~	0.0456	U	0.239	U	0.0459	U	0.0458	U	0.0479	U	0.0556	U	0.0460	U	0.0470	U
Pentachlorophenol	0.8	2.4	0.0456	U	0.239	U	0.0459	U	0.0458	U	0.0479	U	0.0556	U	0.0460	U	0.0470	U
Phenanthrene	100	100	0.335	D	0.239	U	0.167	D	0.225	D	0.409	D	0.430	D	0.811	D	0.255	D
Phenol	0.33	100	0.0456	U	0.239	U	0.0459	U	0.0458	U	0.0479	U	0.0556	U	0.0460	U	0.0470	U
Pyrene	100	100	0.642	D	0.313	JD	0.361	D	0.410	D	1.040	D	0.672	D	1.040	D	0.525	D

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
I=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
P=this flag is used for pesticide and PCB (Aroclor) target compounds when there is a % difference for detected concentrations that exceed method dictated limits between the two GC columns used for analysis

Table 2b
Semi-Volatile Organic Compounds in Soil
Beach 62nd Street, Queens NY

Sample ID York ID Sampling Date Client Matrix	NYSDEC Part 375 Unrestricted Use Soil Cleanup Objectives	NYSDEC Part 375 Restricted Use Soil Cleanup Objectives-Residential	SB-5 (0-2 ft) 2380078-09 2/1/2023 12:24:00 PM Soil		SB-5 (4-6 ft) 2380078-10 2/1/2023 12:39:00 PM Soil		SB-6 (0-2 ft) 2380078-11 2/1/2023 1:19:00 PM Soil		SB-6 (5-7 ft) 2380078-12 2/1/2023 1:24:00 PM Soil		SB-7 (0-2 ft) 2380078-13 2/1/2023 1:40:00 PM Soil		SB-7 (3-5 ft) 2380078-14 2/1/2023 1:50:00 PM Soil		SB-8 (0-2 ft) 2380078-15 2/1/2023 2:28:00 PM Soil		SB-8 (3-5 ft) 2380078-16 2/1/2023 2:35:00 PM Soil	
Compound			Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q
Semi-Volatiles, 8270 - Comprehensive	mg/Kg	mg/Kg	mg/Kg		mg/Kg		mg/Kg		mg/Kg		mg/Kg		mg/Kg		mg/Kg		mg/Kg	
Dilution Factor			2		2		2		20		2		2		2		2	
1,1-Biphenyl	~	~	0.0492	U	0.0543	U	0.0460	U	0.159	D	0.0448	U	0.0539	U	0.0450	U	0.0490	U
1,2,4,5-Tetrachlorobenzene	~	~	0.0981	U	0.108	U	0.0919	U	0.115	U	0.0893	U	0.108	U	0.0898	U	0.0977	U
1,2,4-Trichlorobenzene	~	~	0.0492	U	0.0543	U	0.0460	U	0.0575	U	0.0448	U	0.0539	U	0.0450	U	0.0490	U
1,2-Dichlorobenzene	1.1	100	0.0492	U	0.0543	U	0.0460	U	0.0575	U	0.0448	U	0.0539	U	0.0450	U	0.0490	U
1,2-Diphenylhydrazine (as Azobenzene)	~	~	0.0492	U	0.0543	U	0.0460	U	0.0575	U	0.0448	U	0.0539	U	0.0450	U	0.0490	U
1,3-Dichlorobenzene	2.4	17	0.0492	U	0.0543	U	0.0460	U	0.0575	U	0.0448	U	0.0539	U	0.0450	U	0.0490	U
1,4-Dichlorobenzene	1.8	9.8	0.0492	U	0.0543	U	0.0460	U	0.0575	U	0.0448	U	0.0539	U	0.0450	U	0.0490	U
2,3,4,6-Tetrachlorophenol	~	~	0.0981	U	0.108	U	0.0919	U	0.115	U	0.0893	U	0.108	U	0.0898	U	0.0977	U
2,4,5-Trichlorophenol	~	~	0.0492	U	0.0543	U	0.0460	U	0.0575	U	0.0448	U	0.0539	U	0.0450	U	0.0490	U
2,4,6-Trichlorophenol	~	~	0.0492	U	0.0543	U	0.0460	U	0.0575	U	0.0448	U	0.0539	U	0.0450	U	0.0490	U
2,4-Dichlorophenol	~	~	0.0492	U	0.0543	U	0.0460	U	0.0575	U	0.0448	U	0.0539	U	0.0450	U	0.0490	U
2,4-Dimethylphenol	~	~	0.0492	U	0.0543	U	0.0460	U	0.0575	U	0.0448	U	0.0539	U	0.0450	U	0.0490	U
2,4-Dinitrophenol	~	~	0.0981	U	0.108	U	0.0919	U	0.115	U	0.0893	U	0.108	U	0.0898	U	0.0977	U
2,4-Dinitrotoluene	~	~	0.0492	U	0.0543	U	0.0460	U	0.0575	U	0.0448	U	0.0539	U	0.0450	U	0.0490	U
2,6-Dinitrotoluene	~	~	0.0492	U	0.0543	U	0.0460	U	0.0575	U	0.0448	U	0.0539	U	0.0450	U	0.0490	U
2-Chloronaphthalene	~	~	0.0492	U	0.0543	U	0.0460	U	0.0575	U	0.0448	U	0.0539	U	0.0450	U	0.0490	U
2-Chlorophenol	~	~	0.0492	U	0.0543	U	0.0460	U	0.0575	U	0.0448	U	0.0539	U	0.0450	U	0.0490	U
2-Methylnaphthalene	~	~	0.0492	U	0.0543	U	0.0460	U	0.559	D	0.0448	U	0.0791	JD	0.0450	U	0.0490	U
2-Methylphenol	0.33	100	0.0492	U	0.0543	U	0.0460	U	0.0575	U	0.0448	U	0.0539	U	0.0450	U	0.0490	U
2-Nitroaniline	~	~	0.0981	U	0.108	U	0.0919	U	0.115	U	0.0893	U	0.108	U	0.0898	U	0.0977	U
2-Nitrophenol	~	~	0.0492	U	0.0543	U	0.0460	U	0.0575	U	0.0448	U	0.0539	U	0.0450	U	0.0490	U
3- & 4-Methylphenols	0.33	34	0.0492	U	0.0543	U	0.0460	U	0.0575	U	0.0448	U	0.0539	U	0.0450	U	0.0490	U
3,3-Dichlorobenzidine	~	~	0.0492	U	0.0543	U	0.0460	U	0.0575	U	0.0448	U	0.0539	U	0.0450	U	0.0490	U
3-Nitroaniline	~	~	0.0981	U	0.108	U	0.0919	U	0.115	U	0.0893	U	0.108	U	0.0898	U	0.0977	U
4,6-Dinitro-2-methylphenol	~	~	0.0981	U	0.108	U	0.0919	U	0.115	U	0.0893	U	0.108	U	0.0898	U	0.0977	U
4-Bromophenyl phenyl ether	~	~	0.0492	U	0.0543	U	0.0460	U	0.0575	U	0.0448	U	0.0539	U	0.0450	U	0.0490	U
4-Chloro-3-methylphenol	~	~	0.0492	U	0.0543	U	0.0460	U	0.0575	U	0.0448	U	0.0539	U	0.0450	U	0.0490	U
4-Chloroaniline	~	~	0.0492	U	0.0543	U	0.0460	U	0.0575	U	0.0448	U	0.0539	U	0.0450	U	0.0490	U
4-Chlorophenyl phenyl ether	~	~	0.0492	U	0.0543	U	0.0460	U	0.0575	U	0.0448	U	0.0539	U	0.0450	U	0.0490	U
4-Nitroaniline	~	~	0.0981	U	0.108	U	0.0919	U	0.115	U	0.0893	U	0.108	U	0.0898	U	0.0977	U
4-Nitrophenol	~	~	0.0981	U	0.108	U	0.0919	U	0.115	U	0.0893	U	0.108	U	0.0898	U	0.0977	U
Acenaphthene	20	100	0.0862	JD	0.0543	U	0.0460	U	1.180	D	0.0448	U	0.245	D	0.0450	U	0.0490	U
Acenaphthylene	100	100	0.0698	JD	0.0543	U	0.0837	JD	0.602	D	0.0448	U	0.278	D	0.0467	JD	0.0490	U
Acetophenone	~	~	0.0492	U	0.0543	U	0.0460	U	0.0575	U	0.0448	U	0.0539	U	0.0450	U	0.0490	U
Aniline	~	~	0.196	U	0.217	U	0.184	U	0.230	U	0.179	U	0.215	U	0.180	U	0.196	U
Anthracene	100	100	0.258	D	0.0543	U	0.195	D	2.470	D	0.0650	JD	0.683	D	0.0450	U	0.109	D
Atrazine	~	~	0.0492	U	0.0543	U	0.0460	U	0.0575	U	0.0448	U	0.0539	U	0.0450	U	0.0490	U
Benzaldehyde	~	~	0.0492	U	0.0543	U	0.0460	U	0.0575	U	0.0448	U	0.0539	U	0.0450	U	0.0490	U
Benzidine	~	~	0.196	U	0.217	U	0.184	U	0.230	U	0.179	U	0.215	U	0.180	U	0.196	U
Benzo(a)anthracene	1	1	0.922	D	0.117	D	0.671	D	**6.990**	D	0.296	D	**1.850**	D	0.108	D	0.359	D
Benzo(a)pyrene	1	1	0.829	D	0.104	JD	0.555	D	**6.270**	D	0.289	D	**2**	D	0.138	D	0.300	D
Benzo(b)fluoranthene	1	1	0.846	D	0.102	JD	0.548	D	**5.610**	D	0.270	D	**1.590**	D	0.127	D	0.280	D
Benzo(g,h,i)perylene	100	100	0.455	D	0.0641	JD	0.292	D	3.510	D	0.223	D	1.470	D	0.144	D	0.180	D
Benzo(k)fluoranthene	0.8	1	**0.851**	D	0.0978	JD	0.468	D	**5.530**	D	0.231	D	**1.700**	D	0.113	D	0.270	D
Benzoic acid	~	~	0.0492	U	0.0543	U	0.0460	U	0.0575	U	0.0448	U	0.0539	U	0.0450	U	0.0490	U
Benzyl alcohol	~	~	0.0492	U	0.0543	U	0.0460	U	0.0575	U	0.0448	U	0.0539	U	0.0450	U	0.0490	U
Benzyl butyl phthalate	~	~	0.0492	U	0.0543	U	0.0460	U	0.0575	U	0.0448	U	0.0539	U	0.0450	U	0.120	D
Bis(2-chloroethoxy)methane	~	~	0.0492	U	0.0543	U	0.0460	U	0.0575	U	0.0448	U	0.0539	U	0.0450	U	0.0490	U
Bis(2-chloroethyl)ether	~	~	0.0492	U	0.0543	U	0.0460	U	0.0575	U	0.0448	U	0.0539	U	0.0450	U	0.0490	U
Bis(2-chloroisopropyl)ether	~	~	0.0492	U	0.0543	U	0.0460	U	0.0575	U	0.0448	U	0.0539	U	0.0450	U	0.0490	U
Bis(2-ethylhexyl)phthalate	~	~	0.0557	JD	0.0580	JD	0.105	D	2.350	D	1.270	D	0.0539	U	0.0450	U	0.420	D
Caprolactam	~	~	0.0981	U	0.108	U	0.0919	U	0.115	U	0.0893	U	0.108	U	0.0898	U	0.0977	U
Carbazole	~	~	0.169	D	0.0543	U	0.0712	JD	1.240	D	0.0448	U	0.360	D	0.0450	U	0.0490	U
Chrysene	1	1	0.942	D	0.109	D	0.680	D	**7.570**	D	0.288	D	**1.920**	D	0.151	D	0.362	D
Dibenzo(a,h)anthracene	0.33	0.33	0.0902	JD	0.0543	U	0.0632	JD	**1.300**	D	0.0735	JD	**0.459**	D	0.0450	U	0.0664	JD
Dibenzofuran	7	14	0.0492	U	0.0543	U	0.0460	U	1.030	D	0.0448	U	0.143	D	0.0450	U	0.0490	U
Diethyl phthalate	~	~	0.0492	U	0.0543	U	0.0460	U	0.0575	U	0.0448	U	0.0539	U	0.0450	U	0.0490	U
Dimethyl phthalate	~	~	0.0492	U	0.0543	U	0.0460	U	0.0575	U	0.0448	U	0.0539	U	0.0450	U	0.0490	U
Di-n-butyl phthalate	~	~	0.119	D	0.0543	U	0.0460	U	0.0575	U	0.0650	JD	0.0539	U	0.0450	U	0.0490	U
Di-n-octyl phthalate	~	~	0.0492	U	0.0543	U	0.0460	U	0.0575	U	0.0448	U	0.0539	U	0.0450	U	0.471	D
Diphenylamine	~	~	0.0981	U	0.108	U	0.0919	U	0.115	U	0.0893	U	0.108	U	0.0898	U	0.0977	U
Fluoranthene	100	100	1.890	D	0.169	D	1.240	D	18.200	D	0.462	D	2.960	D	0.134	D	0.581	D
Fluorene	30	100	0.0784	JD	0.0543	U	0.0499	JD	1.320	D	0.0448	U	0.221	D	0.0450	U	0.0490	U
Hexachlorobenzene	0.33	0.33	0.0492	U	0.0543	U	0.0460	U	0.0575	U	0.0448	U	0.0539	U	0.0450	U	0.0490	U
Hexachlorobutadiene	~	~	0.0492	U	0.0543	U	0.0460	U	0.0575	U	0.0448	U	0.0539	U	0.0450	U	0.0490	U
Hexachlorocyclopentadiene	~	~	0.0492	U	0.0543	U	0.0460	U	0.0575	U	0.0448	U	0.0539	U	0.0450	U	0.0490	U
Hexachloroethane	~	~	0.0492	U	0.0543	U	0.0460	U	0.0575	U	0.0448	U	0.0539	U	0.0450	U	0.0490	U
Indeno(1,2,3-cd)pyrene	0.5	0.5	0.470	D	0.0788	JD	0.343	D	**4.170**	D	0.223	D	**1.310**	D	0.116	D	0.205	D
Isophorone	~	~	0.0492	U	0.0543	U	0.0460	U	0.0575	U	0.0448	U	0.0539	U	0.0450	U	0.0490	U
Naphthalene	12	100	0.0492	U	0.0543	U	0.0460	U	0.951	D	0.0448	U	0.168	D	0.0450	U	0.0490	U
Nitrobenzene	~	~	0.0492	U	0.0543	U	0.0460	U	0.0575	U	0.0448	U	0.0539	U	0.0450	U	0.0490	U
N-Nitrosodimethylamine	~	~	0.0492	U	0.0543	U	0.0460	U	0.0575	U	0.0448	U	0.0539	U	0.0450	U	0.0490	U
N-nitroso-di-n-propylamine	~	~	0.0492	U	0.0543	U	0.0460	U	0.0575	U	0.0448	U	0.0539	U	0.0450	U	0.0490	U
N-Nitrosodiphenylamine	~	~	0.0492	U	0.0543	U	0.0460	U	0.0575	U	0.0448	U	0.0539	U	0.0450	U	0.0490	U
Pentachlorophenol	0.8	2.4	0.0492	U	0.0543	U	0.0460	U	0.0575	U	0.0448	U	0.0539	U	0.0450	U	0.0490	U
Phenanthrene	100	100	1.090	D	0.0788	JD	0.707	D	16.700	D	0.236	D	2.330	D	0.0603	JD	0.411	D
Phenol	0.33	100	0.0492	U	0.0543	U	0.0460	U	0.0575	U	0.0448	U	0.0539	U	0.0450	U	0.0490	U
Pyrene	100	100	1.700	D	0.171	D	1.240	D	16	D	0.505	D	2.900	D	0.172	D	0.703	D

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I=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
P=this flag is used for pesticide and PCB (Aroclor) target compounds when there is a % difference for detected concentrations that exceed method dictated limits between the two GC columns used for analysis
NT=this indicates the analyte was not a target for this sample
~=this indicates that no regulatory limit has been established for this analyte

Table 3a
Inorganic Constituents in Soil
Beach 62nd Street, Queens NY

Sample ID			SB-1 (0-2 ft)		SB-1 (3-5 ft)		SB-2 (0-2 ft)		SB-2 (5-7 ft)		SB-3 (0-2 ft)		SB-3 (4-6 ft)		SB-4 (0-2 ft)		SB-4 (5-7 ft)	
York ID			23B0078-01		23B0078-02		23B0078-03		23B0078-04		23B0078-05		23B0078-06		23B0078-07		23B0078-08	
Sampling Date			2/1/2023 9:38:00 AM		2/1/2023 9:42:00 AM		2/1/2023 10:11:00 AM		2/1/2023 10:15:00 AM		2/1/2023 10:41:00 AM		2/1/2023 10:46:00 AM		2/1/2023 12:03:00 PM		2/1/2023 12:08:00 PM	
Client Matrix	NYSDEC Part 375 Unrestricted Use Soil Cleanup Objectives	NYSDEC Part 375 Restricted Use Soil Cleanup Objectives-Residential	Soil		Soil		Soil		Soil		Soil		Soil		Soil		Soil	
Compound			Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q
Metals, Target Analyte	mg/Kg	mg/Kg	mg/Kg		mg/Kg		mg/Kg		mg/Kg		mg/Kg		mg/Kg		mg/Kg		mg/Kg	
Dilution Factor			1		1		1		1		1		1		1		1	
Aluminum	~	~	4,720		4,030		5,150		2,250		4,600		7,140		5,130		2,530	
Antimony	~	~	2.280	U	7.150		2.290	U	2.300	U	2.400	U	11.400		2.310	U	3.670	
Arsenic	13	16	3.750		5.890		2.540		1.380	U	3.850		**17.600**		3.510		3.740	
Barium	350	350	105		**460**		105		62.400		201		**1,330**		60.200		**367**	
Beryllium	7.2	14	0.323		0.328		0.385		0.241		0.385		0.678		0.387		0.228	
Cadmium	2.5	2.5	0.273	U	**2.650**		0.275	U	0.276	U	0.818		1.720		0.277	U	**3.690**	
Calcium	~	~	7,100		10,800		6,630		2,270		8,870		7,810		24,500		12,200	
Chromium	~	~	10.800		19.800		11.600		8.320		14		29		13.800		15.200	
Cobalt	~	~	3.340		16.700		3.180		2.190		4.390		10.700		4.120		4.590	
Copper	50	270	32.200		**195**		20.700		15.200		**72.100**		**208**		28.100		**99.200**	
Iron	~	~	9,450		46,000		10,700		6,060		16,400		60,800		12,200		35,100	
Lead	63	400	**413**		**708**		**185**		**283**		**368**		**1,160**		**101**		**532**	
Magnesium	~	~	3,820		3,830		1,610		879		2,310		1,600		6,550		1,050	
Manganese	1600	2000	97.200		310		185		54.100		219		343		142		173	
Nickel	30	140	8.970		**31.300**		8.270		5.760		14.300		28		11.500		24	
Potassium	~	~	437	B	445	B	407	B	531	B	647	B	751	B	701	B	527	B
Selenium	3.9	36	2.280	U	2.390	U	2.290	U	2.300	U	2.400	U	2.790	U	2.310	U	2.380	U
Silver	2	36	0.459	U	0.482	U	0.463	U	0.463	U	0.483	U	0.563	U	0.465	U	0.480	U
Sodium	~	~	60.600		291		70.800		54.400		98.900		265		144		227	
Thallium	~	~	2.280	U	2.390	U	2.290	U	2.300	U	2.400	U	2.940		2.310	U	2.380	U
Vanadium	~	~	15.300		23.300		16.300		8.280		19		30.600		22.700		8.720	
Zinc	109	2200	**142**		**945**		**123**		**234**		**415**		**1,270**		97.300		**682**	
Mercury by 7473	mg/Kg	mg/Kg	mg/Kg		mg/Kg		mg/Kg		mg/Kg		mg/Kg		mg/Kg		mg/Kg		mg/Kg	
Dilution Factor			1		1		1		1		1		1		1		1	
Mercury	0.18	0.81	**0.195**		**0.369**		0.115		0.0810		**0.238**		**0.307**		**0.250**		**0.239**	

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B=analyte found in the analysis batch blank
E=result is estimated and cannot be accurately reported due to levels encountered or interferences
P=this flag is used for pesticide and PCB (Aroclor) target compounds when there is a % difference for detected concentrations that exceed method dictated limits between the two GC columns used for analysis

Table 3b
Inorganic Compounds in Soil
Beach 62nd Street, Queens NY

Sample ID York ID Sampling Date Client Matrix	NYSDEC Part 375 Unrestricted Use Soil Cleanup Objectives	NYSDEC Part 375 Restricted Use Soil Cleanup Objectives-Residential	SB-5 (0-2 ft) 23B0078-09 2/1/2023 12:24:00 PM Soil		SB-5 (4-6 ft) 23B0078-10 2/1/2023 12:39:00 PM Soil		SB-6 (0-2 ft) 23B0078-11 2/1/2023 1:19:00 PM Soil		SB-6 (5-7 ft) 23B0078-12 2/1/2023 1:24:00 PM Soil		SB-7 (0-2 ft) 23B0078-13 2/1/2023 1:40:00 PM Soil		SB-7 (3-5 ft) 23B0078-14 2/1/2023 1:50:00 PM Soil		SB-8 (0-2 ft) 23B0078-15 2/1/2023 2:28:00 PM Soil		SB-8 (3-5 ft) 23B0078-16 2/1/2023 2:35:00 PM Soil	
Compound			Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q
Metals, Target Analyte	mg/Kg	mg/Kg	mg/Kg		mg/Kg		mg/Kg		mg/Kg		mg/Kg		mg/Kg		mg/Kg		mg/Kg	
Dilution Factor			1		1		1		2		1		1		1		1	
Aluminum	~	~	4,580		5,940		6,560		6,940		2,360		2,550		4,130		5,160	
Antimony	~	~	8.610		7.220		2.330	U	19.200		2.280	U	4.530		2.270	U	15	
Arsenic	13	16	**15.700**		12.300		4.730		**16.200**		2.080		5.260		4.440		**19.300**	
Barium	350	350	**618**		**818**		242		**1,490**		56.900		**368**		63.300		**427**	
Beryllium	7.2	14	0.340		0.557		0.484		0.527		0.216		0.230		0.320		0.225	
Cadmium	2.5	2.5	2.210		0.819		0.643		**7.610**		0.357		0.481		0.329		1.380	
Calcium	~	~	24,700		21,200		16,600		27,100		4,770		5,580		24,500		7,760	
Chromium	~	~	26		18.400		16.400		46		8.170		15.200		14.900		19.500	
Cobalt	~	~	7.510		9.350		6.020		13.400		2.370		5.020		6.430		7.810	
Copper	50	270	**302**		**392**		**72**		**470**		27.500		**131**		35.900		**322**	
Iron	~	~	52,300		50,800		19,300		97,000		7,210		30,500		16,300		58,800	
Lead	63	400	**1,310**		**2,020**		**365**		**2,880**		**104**		**573**		**118**		**1,130**	
Magnesium	~	~	6,830		1,330		3,710		2,720		1,470		1,520		12,800		3,030	
Manganese	1600	2000	392		397		261		722		83.700		182		173		354	
Nickel	30	140	**34.400**		**34.700**		15.800		**50.900**		9.110		15.100		16.700		**35.800**	
Potassium	~	~	704	B	978	B	930	B	1,350	B	402	B	430	B	524	B	373	B
Selenium	3.9	36	2.480	U	2.750	U	2.330	U	2.920	U	2.280	U	2.710	U	2.270	U	2.450	U
Silver	2	36	0.500	U	0.555	U	0.470	U	0.588	U	0.459	U	0.547	U	0.458	U	0.494	U
Sodium	~	~	577		670		162		969		66.600		150		171		186	
Thallium	~	~	2.530		2.790		2.330	U	5.720		2.280	U	2.710	U	2.270	U	3.120	
Vanadium	~	~	18.300		20.300		23.400		25		10		12.600		38.600		12.500	
Zinc	109	2200	**1,460**		**1,250**		**354**		**4,810**	D	**160**		**890**		**137**		**1,120**	
Mercury by 7473	mg/Kg	mg/Kg	mg/Kg		mg/Kg		mg/Kg		mg/Kg		mg/Kg		mg/Kg		mg/Kg		mg/Kg	
Dilution Factor			1		1		1		1		1		1		1		1	
Mercury	0.18	0.81	**0.577**		**0.684**		**0.395**		**2.130**		0.0895		**0.594**		0.0489		**0.312**	

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B=analyte found in the analysis batch blank
E=result is estimated and cannot be accurately reported due to levels encountered or interferences
P=this flag is used for pesticide and PCB (Aroclor) target compounds when there is a % difference for detected concentrations that exceed method dictated limits between the two GC columns used for analysis
NT=this indicates the analyte was not a target for this sample
~=this indicates that no regulatory limit has been established for this analyte

Table 4a
Pesticides and PCBs in Soil
Beach 62nd Street, Queens NY

Sample ID York ID Sampling Date Client Matrix	NYSDEC Part 375 Unrestricted Use Soil Cleanup Objectives	NYSDEC Part 375 Restricted Use Soil Cleanup Objectives-Residential	SB-1 (0-2 ft) 23B0078-01 2/1/2023 9:38:00 AM Soil		SB-1 (3-5 ft) 23B0078-02 2/1/2023 9:42:00 AM Soil		SB-2 (0-2 ft) 23B0078-03 2/1/2023 10:11:00 AM Soil		SB-2 (5-7 ft) 23B0078-04 2/1/2023 10:15:00 AM Soil		SB-3 (0-2 ft) 23B0078-05 2/1/2023 10:41:00 AM Soil		SB-3 (4-6 ft) 23B0078-06 2/1/2023 10:46:00 AM Soil		SB-4 (0-2 ft) 23B0078-07 2/1/2023 12:03:00 PM Soil		SB-4 (5-7 ft) 23B0078-08 2/1/2023 12:08:00 PM Soil	
Compound			Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q
Pesticides, 8081 target list	mg/Kg	mg/Kg	mg/Kg		mg/Kg		mg/Kg		mg/Kg		mg/Kg		mg/Kg		mg/Kg		mg/Kg	
Dilution Factor			5		5		5		5		5		5		5		5	
4,4'-DDD	0.0033	2.6	0.00176	U	0.00186	U	0.00179	U	0.00178	U	0.00189	U	0.00220	U	0.00231	D	0.00188	U
4,4'-DDE	0.0033	1.8	0.00309	D	0.00230	D	0.00279	D	0.00178	UP	0.00197	DP	0.00220	U	**0.00509**	D	0.00188	U
4,4'-DDT	0.0033	1.7	**0.00574**	D	**0.00410**	DP	**0.00360**	D	0.00243	D	**0.00440**	D	**0.00403**	D	**0.00625**	D	0.00188	U
Aldrin	0.005	0.019	0.00176	U	0.00186	U	0.00179	U	0.00178	U	0.00189	U	0.00220	U	0.00179	U	0.00188	U
alpha-BHC	0.02	0.097	0.00176	U	0.00186	U	0.00179	U	0.00178	U	0.00189	U	0.00220	U	0.00179	U	0.00188	U
beta-BHC	0.036	0.072	0.00176	U	0.00186	U	0.00179	U	0.00178	U	0.00189	U	0.00220	U	0.00179	U	0.00188	U
Chlordane, total	~	~	0.127	D	0.104	D	0.248	D	0.0355	U	0.119	D	0.0439	U	0.394	D	0.0376	UP
delta-BHC	0.04	100	0.00176	U	0.00186	U	0.00179	U	0.00178	U	0.00189	U	0.00220	U	0.00179	U	0.00188	U
Dieldrin	0.005	0.039	0.00373	D	0.00391	D	0.00297	D	0.00178	U	0.00189	U	0.00220	U	**0.0103**	D	0.00188	U
Endosulfan I	2.4	4.8	0.00176	U	0.00186	U	0.00179	U	0.00178	U	0.00189	U	0.00220	U	0.00179	U	0.00188	U
Endosulfan II	2.4	4.8	0.00176	U	0.00186	U	0.00179	U	0.00178	U	0.00189	U	0.00220	U	0.00179	U	0.00188	U
Endosulfan sulfate	2.4	4.8	0.00176	U	0.00186	U	0.00179	U	0.00178	U	0.00189	U	0.00220	U	0.00179	U	0.00188	U
Endrin	0.014	2.2	0.00176	U	0.00186	U	0.00179	U	0.00178	U	0.00189	U	0.00220	U	0.00179	U	0.00188	U
Endrin aldehyde	~	~	0.00176	U	0.00186	U	0.00179	U	0.00178	U	0.00189	U	0.00220	U	0.00179	U	0.00188	U
Endrin ketone	~	~	0.00176	U	0.00186	U	0.00179	U	0.00178	U	0.00189	U	0.00220	U	0.00179	U	0.00188	U
gamma-BHC (Lindane)	0.1	0.28	0.00176	U	0.00186	U	0.00179	U	0.00178	U	0.00189	U	0.00220	U	0.00179	U	0.00188	U
Heptachlor	0.042	0.42	0.00176	U	0.00186	U	0.00179	U	0.00178	U	0.00189	U	0.00220	U	0.00636	DP	0.00188	U
Heptachlor epoxide	~	~	0.00176	U	0.00186	U	0.00179	U	0.00178	U	0.00189	U	0.00220	U	0.00179	U	0.00188	U
Methoxychlor	~	~	0.00882	U	0.00929	U	0.00897	U	0.00889	U	0.00945	U	0.0110	U	0.00896	U	0.00940	U
Toxaphene	~	~	0.0892	U	0.0940	U	0.0908	U	0.0899	U	0.0957	U	0.111	U	0.0907	U	0.0952	U
Polychlorinated Biphenyls (PCB)	mg/Kg	mg/Kg	mg/Kg		mg/Kg		mg/Kg		mg/Kg		mg/Kg		mg/Kg		mg/Kg		mg/Kg	
Dilution Factor			1		1		1		1		1		1		1		1	
Aroclor 1016	~	~	0.0178	U	0.0188	U	0.0181	U	0.0179	U	0.0191	U	0.0222	U	0.0181	U	0.0190	U
Aroclor 1221	~	~	0.0178	U	0.0188	U	0.0181	U	0.0179	U	0.0191	U	0.0222	U	0.0181	U	0.0190	U
Aroclor 1232	~	~	0.0178	U	0.0188	U	0.0181	U	0.0179	U	0.0191	U	0.0222	U	0.0181	U	0.0190	U
Aroclor 1242	~	~	0.0178	U	0.0188	U	0.0181	U	0.0179	U	0.0191	U	0.0222	U	0.0181	U	0.0190	U
Aroclor 1248	~	~	0.0178	U	0.0188	U	0.0181	U	0.0179	U	0.0191	U	0.0222	U	0.0181	U	0.0190	U
Aroclor 1254	~	~	0.0178	U	0.0188	U	0.0181	U	0.0179	U	0.0191	U	0.0222	U	0.0181	U	0.0190	U
Aroclor 1260	~	~	0.0178	U	0.0323		0.0181	U	0.0179	U	0.0191	U	0.0222	U	0.0197		0.0190	U
Total PCBs	0.1	1	0.0178	U	0.0323		0.0181	U	0.0179	U	0.0191	U	0.0222	U	0.0197		0.0190	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
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
P=this flag is used for pesticide and PCB (Aroclor) target compounds when there is a % difference for detected concentrations that exceed method dictated limits between the two GC columns used for analysis

Table 4b
Pesticides and PCBs in Soil
Beach 62nd Street, Queens NY

Sample ID York ID Sampling Date Client Matrix	NYSDEC Part 375 Unrestricted Use Soil Cleanup Objectives	NYSDEC Part 375 Restricted Use Soil Cleanup Objectives-Residential	SB-5 (0-2 ft) 23B0078-09 2/1/2023 12:24:00 PM Soil		SB-5 (4-6 ft) 23B0078-10 2/1/2023 12:39:00 PM Soil		SB-6 (0-2 ft) 23B0078-11 2/1/2023 1:19:00 PM Soil		SB-6 (5-7 ft) 23B0078-12 2/1/2023 1:24:00 PM Soil		SB-7 (0-2 ft) 23B0078-13 2/1/2023 1:40:00 PM Soil		SB-7 (3-5 ft) 23B0078-14 2/1/2023 1:50:00 PM Soil		SB-8 (0-2 ft) 23B0078-15 2/1/2023 2:28:00 PM Soil		SB-8 (3-5 ft) 23B0078-16 2/1/2023 2:35:00 PM Soil	
Compound			Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q
Pesticides, 8081 target list	mg/Kg	mg/Kg	mg/Kg		mg/Kg		mg/Kg		mg/Kg		mg/Kg		mg/Kg		mg/Kg		mg/Kg	
Dilution Factor			5		5		5		5		5		5		5		5	
4,4'-DDD	0.0033	2.6	0.00192	U	0.00215	U	0.00184	U	**0.0130**	D	0.00180	U	0.00211	U	0.00177	U	0.00193	U
4,4'-DDE	0.0033	1.8	0.00192	U	0.00215	U	0.00223	D	**0.0255**	D	**0.00386**	D	0.00211	U	0.00177	U	0.00193	UP
4,4'-DDT	0.0033	1.7	0.00205	D	0.00215	U	**0.0103**	D	**0.0529**	D	**0.00619**	D	**0.00609**	D	0.00184	D	0.00193	UP
Aldrin	0.005	0.019	0.00192	U	0.00215	U	0.00184	U	0.00230	U	0.00180	U	0.00211	U	0.00177	U	0.00193	U
alpha-BHC	0.02	0.097	0.00192	U	0.00215	U	0.00184	U	0.00230	U	0.00180	U	0.00211	U	0.00177	U	0.00193	U
beta-BHC	0.036	0.072	0.00192	U	0.00215	U	0.00184	U	0.00230	U	0.00180	U	0.00211	U	0.00177	U	0.00193	U
Chlordane, total	~	~	0.0384	U	0.0430	U	0.0936	D	0.0460	U	0.0359	U	0.0423	U	0.0354	U	0.0387	U
delta-BHC	0.04	100	0.00192	U	0.00215	U	0.00184	U	0.00230	U	0.00180	U	0.00211	U	0.00177	U	0.00193	U
Dieldrin	0.005	0.039	0.00218	D	0.00215	U	0.00330	D	0.00465	D	0.00365	D	0.00211	U	0.00264	D	0.00193	UP
Endosulfan I	2.4	4.8	0.00192	U	0.00215	U	0.00184	U	0.00230	U	0.00180	U	0.00211	U	0.00177	U	0.00193	U
Endosulfan II	2.4	4.8	0.00192	U	0.00215	U	0.00184	U	0.00230	U	0.00180	U	0.00211	U	0.00177	U	0.00193	U
Endosulfan sulfate	2.4	4.8	0.00192	U	0.00215	U	0.00184	U	0.00230	U	0.00180	U	0.00211	U	0.00177	U	0.00193	U
Endrin	0.014	2.2	0.00192	U	0.00215	U	0.00184	U	0.00230	U	0.00180	U	0.00211	U	0.00177	U	0.00193	U
Endrin aldehyde	~	~	0.00192	U	0.00215	U	0.00184	U	0.00230	U	0.00180	U	0.00211	U	0.00177	U	0.00193	U
Endrin ketone	~	~	0.00192	U	0.00215	U	0.00184	U	0.00230	U	0.00180	U	0.00211	U	0.00177	U	0.00193	U
gamma-BHC (Lindane)	0.1	0.28	0.00192	U	0.00215	U	0.00184	U	0.00230	U	0.00180	U	0.00211	U	0.00177	U	0.00193	U
Heptachlor	0.042	0.42	0.00192	U	0.00215	U	0.00184	U	0.00230	U	0.00180	U	0.00211	U	0.00198	D	0.00193	U
Heptachlor epoxide	~	~	0.00281	D	0.00215	U	0.00184	U	0.00230	U	0.00333	DP	0.00211	U	0.00177	U	0.00193	U
Methoxychlor	~	~	0.00961	U	0.0108	U	0.00921	U	0.0115	U	0.00898	U	0.0106	U	0.00886	U	0.00967	U
Toxaphene	~	~	0.0972	U	0.109	U	0.0932	U	0.116	U	0.0909	U	0.107	U	0.0896	U	0.0979	U
Polychlorinated Biphenyls (PCB)	mg/Kg	mg/Kg	mg/Kg		mg/Kg		mg/Kg		mg/Kg		mg/Kg		mg/Kg		mg/Kg		mg/Kg	
Dilution Factor			1		1		1		1		1		1		1		1	
Aroclor 1016	~	~	0.0194	U	0.0217	U	0.0186	U	0.0232	U	0.0181	U	0.0214	U	0.0179	U	0.0195	U
Aroclor 1221	~	~	0.0194	U	0.0217	U	0.0186	U	0.0232	U	0.0181	U	0.0214	U	0.0179	U	0.0195	U
Aroclor 1232	~	~	0.0194	U	0.0217	U	0.0186	U	0.0232	U	0.0181	U	0.0214	U	0.0179	U	0.0195	U
Aroclor 1242	~	~	0.0194	U	0.0217	U	0.0186	U	0.0232	U	0.0181	U	0.0214	U	0.0179	U	0.0195	U
Aroclor 1248	~	~	0.0194	U	0.0217	U	0.0186	U	0.0232	U	0.0181	U	0.0214	U	0.0179	U	0.0195	U
Aroclor 1254	~	~	0.0194	U	0.0217	U	0.0186	U	0.0232	U	0.0823		0.0214	U	0.0179	U	0.0195	U
Aroclor 1260	~	~	0.0194	U	0.0217	U	0.0186	U	0.0232	U	0.0293		0.0214	U	0.0179	U	0.0195	U
Total PCBs	0.1	1	0.0194	U	0.0217	U	0.0186	U	0.0232	U	**0.112**		0.0214	U	0.0179	U	0.0195	U

NOTES:
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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
P=this flag is used for pesticide and PCB (Aroclor) target compounds when there is a % difference for detected concentrations that exceed method dictated limits between the two GC columns used for analysis
NT=this indicates the analyte was not a target for this sample
~=this indicates that no regulatory limit has been established for this analyte

Table 5
Volatile Organic Compounds in Groundwater
Beach 62nd Street, Queens NY

Sample ID		GW-1		GW-2		GW-3	
York ID	NYSDEC TOGS	23B0232-01		23B0232-02		23B0232-03	
Sampling Date	Standards and	2/2/2023 8:46:00 AM		2/2/2023 12:18:00 PM		2/2/2023 11:05:00 AM	
Client Matrix	Guidance Values - GA	Water		Water		Water	
Compound		Result	Q	Result	Q	Result	Q
VOA, 8260 LOW MASTER	ug/L	ug/L		ug/L		ug/L	
Dilution Factor		1		1		1	
1,1,1,2-Tetrachloroethane	5	0.216	U	0.216	U	0.216	U
1,1,1-Trichloroethane	5	0.266	U	0.266	U	0.266	U
1,1,2,2-Tetrachloroethane	5	0.256	U	0.256	U	0.256	U
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	5	0.286	U	0.286	U	0.286	U
1,1,2-Trichloroethane	1	0.249	U	0.249	U	0.249	U
1,1-Dichloroethane	5	0.272	U	0.272	U	0.272	U
1,1-Dichloroethylene	5	0.327	U	0.327	U	0.327	U
1,2,3-Trichlorobenzene	5	0.222	U	0.222	U	0.222	U
1,2,3-Trichloropropane	0.04	0.273	U	0.273	U	0.273	U
1,2,4-Trichlorobenzene	5	0.138	U	0.138	U	0.138	U
1,2,4-Trimethylbenzene	5	0.310	U	0.310	U	0.310	U
1,2-Dibromo-3-chloropropane	0.04	0.432	U	0.432	U	0.432	U
1,2-Dibromoethane	0.0006	0.215	U	0.215	U	0.215	U
1,2-Dichlorobenzene	3	0.270	U	0.270	U	0.270	U
1,2-Dichloroethane	0.6	0.377	U	0.377	U	0.377	U
1,2-Dichloropropane	1	0.327	U	0.327	U	0.327	U
1,3,5-Trimethylbenzene	5	0.347	U	0.347	U	0.347	U
1,3-Dichlorobenzene	3	0.283	U	0.283	U	0.283	U
1,3-Dichloropropane	5	0.260	U	0.260	U	0.260	U
1,4-Dichlorobenzene	3	0.311	U	0.311	U	0.311	U
1,4-Dioxane	~	35.300	U	35.300	U	35.300	U
2-Butanone	50	0.421	U	0.421	U	0.421	U
2-Hexanone	50	0.320	U	0.320	U	0.320	U
4-Methyl-2-pentanone	~	0.365	U	0.365	U	0.365	U
Acetone	50	1.340	U	1.340	U	1.340	U
Acrolein	~	0.447	U	0.447	U	0.447	U
Acrylonitrile	~	0.422	U	0.422	U	0.422	U
Benzene	1	0.279	U	0.279	U	0.279	U
Bromochloromethane	5	0.354	U	0.354	U	0.354	U
Bromodichloromethane	50	0.245	U	0.245	U	0.245	U
Bromoform	50	0.163	U	0.163	U	0.163	U
Bromomethane	5	0.119	U	0.119	U	0.119	U
Carbon disulfide	~	0.362	U	0.362	U	0.362	U
Carbon tetrachloride	5	0.204	U	0.204	U	0.204	U
Chlorobenzene	5	0.284	U	0.284	U	0.284	U
Chloroethane	5	0.448	U	0.448	U	0.448	U
Chloroform	7	0.243	U	0.243	U	0.243	U
Chloromethane	5	0.372	U	0.372	U	0.372	U
cis-1,2-Dichloroethylene	5	0.294	U	0.294	U	**7.020**	
cis-1,3-Dichloropropylene	0.4	0.262	U	0.262	U	0.262	U
Cyclohexane	~	0.491	U	0.491	U	0.491	U
Dibromochloromethane	50	0.146	U	0.146	U	0.146	U
Dibromomethane	~	0.203	U	0.203	U	0.203	U
Dichlorodifluoromethane	5	0.451	U	0.451	U	0.451	U
Ethyl Benzene	5	0.290	U	0.290	U	0.290	U
Hexachlorobutadiene	0.5	0.241	U	0.241	U	0.241	U
Isopropylbenzene	5	0.405	U	0.405	U	0.405	U
Methyl acetate	~	0.442	U	0.442	U	0.442	U
Methyl tert-butyl ether (MTBE)	10	0.244	U	0.244	U	0.244	U
Methylcyclohexane	~	0.477	U	0.477	U	0.477	U
Methylene chloride	5	0.397	U	0.397	U	0.397	U
Naphthalene	10	0.212	U	0.212	U	0.212	U
n-Butylbenzene	5	0.399	U	0.399	U	0.399	U
n-Propylbenzene	5	0.384	U	0.384	U	0.384	U
o-Xylene	5	0.261	U	0.261	U	0.261	U
p- & m- Xylenes	~	0.578	U	0.578	U	0.578	U
p-Diethylbenzene	~	0.341	U	0.341	U	0.341	U
p-Ethyltoluene	~	0.200	U	0.200	U	0.200	U
p-Isopropyltoluene	5	0.377	U	0.377	U	0.377	U
sec-Butylbenzene	5	0.444	U	0.444	U	0.444	U
Styrene	5	0.255	U	0.255	U	0.255	U
tert-Butyl alcohol (TBA)	~	0.608	U	0.608	U	0.608	U
tert-Butylbenzene	5	0.367	U	0.367	U	0.367	U
Tetrachloroethylene	5	0.239	U	0.239	U	**24**	
Toluene	5	0.346	U	0.346	U	0.346	U
trans-1,2-Dichloroethylene	5	0.279	U	0.279	U	0.279	U
trans-1,3-Dichloropropylene	0.4	0.229	U	0.229	U	0.229	U
Trichloroethylene	5	0.249	U	0.249	U	2.960	
Trichlorofluoromethane	5	0.337	U	0.337	U	0.337	U
Vinyl Chloride	2	0.469	U	0.469	U	0.469	U
Xylenes, Total	5	0.836	U	0.836	U	0.836	U

NOTES:
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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
P=this flag is used for pesticide and PCB (Aroclor) target compounds when there is a % difference for detected concentrations that exceed method dictated limits between the two GC columns used for analysis
NT=this indicates the analyte was not a target for this sample
~=this indicates that no regulatory limit has been established for this analyte

Table 6
Semi-Volatile Organic Compounds in Groundwater
Beach 62nd Street, Queens NY

Sample ID		GW-1		GW-2		GW-3	
York ID	NYSDEC TOGS	23B0232-01		23B0232-02		23B0232-03	
Sampling Date	Standards and	2/2/2023 8:46:00 AM		2/2/2023 12:18:00 PM		2/2/2023 11:05:00 AM	
Client Matrix	Guidance Values - GA	Water		Water		Water	
Compound		Result	Q	Result	Q	Result	Q
SVOA, 8270 LOW MASTER	ug/L	ug/L		ug/L		ug/L	
Dilution Factor		1		1		1	
1,1-Biphenyl	~	2.630	U	2.500	U	2.500	U
1,2,4,5-Tetrachlorobenzene	~	2.630	U	2.500	U	2.500	U
1,2,4-Trichlorobenzene	5	2.630	U	2.500	U	2.500	U
1,2-Dichlorobenzene	3	2.630	U	2.500	U	2.500	U
1,2-Diphenylhydrazine (as Azobenzene)	~	2.630	U	2.500	U	2.500	U
1,3-Dichlorobenzene	3	2.630	U	2.500	U	2.500	U
1,4-Dichlorobenzene	3	2.630	U	2.500	U	2.500	U
2,3,4,6-Tetrachlorophenol	~	2.630	U	2.500	U	2.500	U
2,4,5-Trichlorophenol	1	2.630	U	2.500	U	2.500	U
2,4,6-Trichlorophenol	1	2.630	U	2.500	U	2.500	U
2,4-Dichlorophenol	5	2.630	U	2.500	U	2.500	U
2,4-Dimethylphenol	50	2.630	U	2.500	U	2.500	U
2,4-Dinitrophenol	10	2.630	U	2.500	U	2.500	U
2,4-Dinitrotoluene	5	2.630	U	2.500	U	2.500	U
2,6-Dinitrotoluene	5	2.630	U	2.500	U	2.500	U
2-Chloronaphthalene	10	2.630	U	2.500	U	2.500	U
2-Chlorophenol	1	2.630	U	2.500	U	2.500	U
2-Methylnaphthalene	~	2.630	U	2.500	U	2.500	U
2-Methylphenol	1	2.630	U	2.500	U	2.500	U
2-Nitroaniline	5	2.630	U	2.500	U	2.500	U
2-Nitrophenol	1	2.630	U	2.500	U	2.500	U
3- & 4-Methylphenols	1	2.630	U	2.500	U	2.500	U
3,3-Dichlorobenzidine	5	2.630	U	2.500	U	2.500	U
3-Nitroaniline	5	2.630	U	2.500	U	2.500	U
4,6-Dinitro-2-methylphenol	~	2.630	U	2.500	U	2.500	U
4-Bromophenyl phenyl ether	~	2.630	U	2.500	U	2.500	U
4-Chloro-3-methylphenol	1	2.630	U	2.500	U	2.500	U
4-Chloroaniline	5	2.630	U	2.500	U	2.500	U
4-Chlorophenyl phenyl ether	~	2.630	U	2.500	U	2.500	U
4-Nitroaniline	5	2.630	U	2.500	U	2.500	U
4-Nitrophenol	1	5.260	U	5	U	5	U
Acetophenone	~	2.630	U	2.500	U	2.500	U
Alpha Terpineol	~	5.260	U	5	U	5	U
Aniline	5	2.630	U	2.500	U	2.500	U
Benzaldehyde	~	2.630	U	2.500	U	2.500	U
Benzidine	~	5.260	U	5	U	5	U
Benzoic acid	~	2.630	U	2.500	U	2.500	U
Benzyl alcohol	~	2.630	U	2.500	U	2.500	U
Benzyl butyl phthalate	50	2.630	U	2.500	U	2.500	U
Bis(2-chloroethoxy)methane	5	2.630	U	2.500	U	2.500	U
Bis(2-chloroethyl)ether	1	1.050	U	1	U	1	U
Bis(2-chloroisopropyl)ether	5	2.630	U	2.500	U	2.500	U
Caprolactam	~	2.630	U	2.500	U	2.500	U
Carbazole	~	2.630	U	2.500	U	2.500	U
Dibenzofuran	~	2.630	U	2.500	U	2.500	U
Diethyl phthalate	50	2.630	U	2.500	U	2.500	U
Dimethyl phthalate	50	2.630	U	2.500	U	2.500	U
Di-n-butyl phthalate	50	2.630	U	2.500	U	2.500	U
Di-n-octyl phthalate	50	2.630	U	2.500	U	2.500	U
Hexachlorocyclopentadiene	5	5.260	U	5	U	5	U
Isophorone	50	2.630	U	2.500	U	2.500	U
N-nitroso-di-n-propylamine	~	2.630	U	2.500	U	2.500	U
N-Nitrosodiphenylamine	50	2.630	U	2.500	U	2.500	U
Phenol	1	2.630	U	2.500	U	2.500	U
SVOA, 8270 SIM MASTER	ug/L	ug/L		ug/L		ug/L	
Dilution Factor		1		1		1	
Acenaphthene	20	0.0526	U	0.0500	U	0.0500	U
Acenaphthylene	~	0.0526	U	0.0500	U	0.0500	U
Anthracene	50	0.0526	U	0.0500	U	0.0500	U
Atrazine	~	0.526	U	0.500	U	0.500	U
Benzo(a)anthracene	0.002	0.0526	U	0.0500	U	0.0500	U
Benzo(a)pyrene	0.002	0.0526	U	0.0500	U	0.0500	U
Benzo(b)fluoranthene	0.002	0.0526	U	0.0500	U	0.0500	U
Benzo(g,h,i)perylene	~	0.0526	U	0.0500	U	0.0500	U
Benzo(k)fluoranthene	0.002	0.0526	U	0.0500	U	0.0500	U
Bis(2-ethylhexyl)phthalate	5	0.579		0.500	U	0.500	U
Chrysene	0.002	0.0526	U	0.0500	U	0.0500	U
Dibenzo(a,h)anthracene	~	0.0526	U	0.0500	U	0.0500	U
Fluoranthene	50	0.0526	U	0.0500	U	0.0500	U
Fluorene	50	0.0526	U	0.0500	U	0.0500	U
Hexachlorobenzene	0.04	0.0211	U	0.0200	U	0.0200	U
Hexachlorobutadiene	0.5	0.526	U	0.500	U	0.500	U
Hexachloroethane	5	0.526	U	0.500	U	0.500	U
Indeno(1,2,3-cd)pyrene	0.002	0.0526	U	0.0500	U	0.0500	U
Naphthalene	10	0.0526	U	0.0500	U	0.0500	U
Nitrobenzene	0.4	0.263	U	0.250	U	0.250	U
N-Nitrosodimethylamine	~	0.526	U	0.500	U	0.500	U
Pentachlorophenol	1	0.263	U	0.250	U	0.250	U
Phenanthrene	50	0.0526	U	0.0500	U	0.0500	U
Pyrene	50	0.0526	U	0.0500	U	0.0500	U

NOTES:
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Table 7
Total and Dissolved Metals in Groundwater
Beach 62nd Street, Queens NY

Sample ID York ID Sampling Date Client Matrix	NYSDEC TOGS Standards and Guidance Values - GA	GW-1 23B0232-01 2/2/2023 8:46:00 AM Water		GW-2 23B0232-02 2/2/2023 12:18:00 PM Water		GW-3 23B0232-03 2/2/2023 11:05:00 AM Water	
Compound		Result	Q	Result	Q	Result	Q
Metals, Target Analyte, ICP	ug/L	ug/L		ug/L		ug/L	
Dilution Factor		1		1		10	
Aluminum	~	97.600		55.600	U	398	
Barium	1000	325		78.100		127	
Calcium	~	157,000		101,000		370,000	
Chromium	50	5.560	U	5.560	U	5.560	U
Cobalt	~	4.440	U	4.440	U	4.440	U
Copper	200	22.200	U	22.200	U	198	
Iron	~	9,030		278	U	7,350	
Lead	25	5.560	U	5.560	U	**158**	
Magnesium	35000	26,800		10,100		**829,000**	
Manganese	300	262		33		**411**	
Nickel	100	11.100	U	11.100	U	41.400	
Potassium	~	29,800	B	5,520	B	256,000	BD
Silver	50	5.560	U	5.560	U	5.560	U
Sodium	20000	**114,000**		**30,400**		**7,180,000**	D
Vanadium	~	11.100	U	11.100	U	11.100	U
Zinc	2000	27.800	U	124		1,120	
Metals, Target Analyte, ICP Dissolved	ug/L	ug/L		ug/L		ug/L	
Dilution Factor		1		1		10	
Aluminum	~	100		55.600	U	322	
Barium	1000	321		80.400		59.900	
Calcium	~	154,000		101,000		351,000	
Chromium	50	5.560	U	5.560	U	5.560	U
Cobalt	~	4.440	U	4.440	U	4.440	U
Copper	200	22.200	U	22.200	U	186	
Iron	~	8,640		278	U	6,340	
Lead	25	5.560	U	5.560	U	**151**	
Magnesium	35000	26,200		10,200		**857,000**	
Manganese	300	255		33		**414**	
Nickel	100	11.100	U	11.100	U	38.700	
Potassium	~	29,200		5,660		276,000	
Silver	50	5.560	U	5.560	U	5.740	
Sodium	20000	**110,000**		**29,600**		**6,840,000**	D
Vanadium	~	11.100	U	11.100	U	11.100	U
Zinc	2000	27.800	U	164		1,110	
Metals, Target Analyte, ICPMS	ug/L	ug/L		ug/L		ug/L	
Dilution Factor		1		1		1	
Antimony	3	1.110	U	1.110	U	**3.980**	
Arsenic	25	1.110	U	1.110	U	3.090	
Beryllium	3	0.333	U	0.333	U	0.333	U
Cadmium	5	0.556	U	0.556	U	2.520	
Selenium	10	1.110	U	7.410		1.110	U
Thallium	~	1.110	U	1.110	U	1.110	U
Metals, Target Analyte, ICPMS Dissolved	ug/L	ug/L		ug/L		ug/L	
Dilution Factor		1		1		1	
Antimony	3	1.110	U	1.110	U	1.110	U
Arsenic	25	1.110	U	1.110	U	1.110	U
Beryllium	3	0.333	U	0.333	U	0.333	U
Cadmium	5	0.556	U	0.556	U	0.556	U
Selenium	10	1.110	U	6.590		1.110	U
Thallium	~	1.110	U	1.110	U	1.110	U
Mercury by 7470/7471	ug/L	ug/L		ug/L		ug/L	
Dilution Factor		1		1		1	
Mercury	0.7	0.200	U	0.200	U	0.200	U
Mercury, Dissolved	ug/L	ug/L		ug/L		ug/L	
Dilution Factor		1		1		1	
Mercury	0.7	0.200	U	0.200	U	0.200	U

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B=analyte found in the analysis batch blank
E=result is estimated and cannot be accurately reported due to levels encountered or interferences
P=this flag is used for pesticide and PCB (Aroclor) target compounds when there is a % difference for detected concentrations that exceed method dictated limits between the two GC columns used for analysis
NT=this indicates the analyte was not a target for this sample
~=this indicates that no regulatory limit has been established for this analyte

Table 8
Pesticides and PCBs in Groundwater
Beach 62nd Street, Queens NY

Sample ID York ID Sampling Date Client Matrix	NYSDEC TOGS Standards and Guidance Values - GA	GW-1 23B0232-01 2/2/2023 8:46:00 AM Water		GW-2 23B0232-02 2/2/2023 12:18:00 PM Water		GW-3 23B0232-03 2/2/2023 11:05:00 AM Water	
Compound		Result	Q	Result	Q	Result	Q
PEST, 8081 MASTER	ug/L	ug/L		ug/L		ug/L	
Dilution Factor		1		1		1	
4,4'-DDD	0.3	0.00410	U	0.00410	U	0.00410	U
4,4'-DDE	0.2	0.00410	U	0.00410	U	0.00410	U
4,4'-DDT	0.2	0.00410	U	0.00410	U	0.00410	U
Aldrin	~	0.00410	U	0.00410	U	0.00410	U
alpha-BHC	0.01	0.00410	U	0.00410	U	0.00410	U
alpha-Chlordane	~	0.00410	U	0.00410	U	0.00410	U
beta-BHC	0.04	0.00410	U	0.00410	U	0.00410	U
Chlordane, total	0.05	0.205	U	0.205	U	0.205	U
delta-BHC	0.04	0.00410	U	0.00410	U	0.00410	U
Dieldrin	0.004	0.00205	U	0.00205	U	0.00205	U
Endosulfan I	~	0.00410	U	0.00410	U	0.00410	U
Endosulfan II	~	0.00410	U	0.00410	U	0.00410	U
Endosulfan sulfate	~	0.00410	U	0.00410	U	0.00410	U
Endrin	~	0.00410	U	0.00410	U	0.00410	U
Endrin aldehyde	5	0.0103	U	0.0103	U	0.0103	U
Endrin ketone	5	0.0103	U	0.0103	U	0.0103	U
gamma-BHC (Lindane)	0.05	0.00410	U	0.00410	U	0.00410	U
gamma-Chlordane	~	0.0103	U	0.0103	U	0.0103	U
Heptachlor	0.04	0.00410	U	0.00410	U	0.00410	U
Heptachlor epoxide	0.03	0.00410	U	0.00410	U	0.00410	U
Methoxychlor	35	0.00410	U	0.00410	U	0.00410	U
Toxaphene	0.06	0.103	U	0.103	U	0.103	U
PCB, 8082 MASTER	ug/L	ug/L		ug/L		ug/L	
Dilution Factor		1		1		1	
Aroclor 1016	~	0.0513	U	0.0513	U	0.0513	U
Aroclor 1221	~	0.0513	U	0.0513	U	0.0513	U
Aroclor 1232	~	0.0513	U	0.0513	U	0.0513	U
Aroclor 1242	~	0.0513	U	0.0513	U	0.0513	U
Aroclor 1248	~	0.0513	U	0.0513	U	0.0513	U
Aroclor 1254	~	0.0513	U	0.0513	U	0.0513	U
Aroclor 1260	~	0.0513	U	0.0513	U	0.0513	U
Aroclor 1262	~	0.0513	U	0.0513	U	0.0513	U
Aroclor 1268	~	0.0513	U	0.0513	U	0.0513	U
Total PCBs	0.09	0.0513	U	0.0513	U	0.0513	U

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Table 9
Soil Vapor Sample Results
Beach 62nd Street, Queens NY

Sample ID	SV-1		SV-2		SV-3		OA-1		NYSDOH Immediate Action Level	NYSDOH Air Guidance Value	NYSDOH Decision Matrix
Sampling Date	2/2/2023 12:15:00 PM		2/2/2023 2:07:00 PM		2/2/2023 2:20:00 PM		2/2/2023 1:26:00 PM				
Client Matrix	Soil Vapor		Soil Vapor		Soil Vapor		Outdoor Ambient Air				
Compound	Result	Q	Result	Q	Result	Q	Result	Q			
Volatile Organics, EPA TO15 Full List	ug/m3		ug/m3		ug/m3		ug/m3		-	-	
Dilution Factor	3.306		3.192		16.01		0.795		-	-	
1,1,1,2-Tetrachloroethane	2.300	U	2.200	U	11	U	0.550	U	-	-	
1,1,1-Trichloroethane	1.800	U	1.700	U	8.700	U	0.430	U	100	-	No further Action
1,1,2,2-Tetrachloroethane	2.300	U	2.200	U	11	U	0.550	U	-	-	
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	2.500	U	2.400	U	12	U	0.610	U	-	-	
1,1,2-Trichloroethane	1.800	U	1.700	U	8.700	U	0.430	U	-	-	
1,1-Dichloroethane	1.300	U	1.300	U	6.500	U	0.320	U	-	-	
1,1-Dichloroethylene	0.330	U	0.320	U	1.600	U	0.0790	U	6	-	No further Action
1,2,4-Trichlorobenzene	2.500	U	2.400	U	12	U	0.590	U	-	-	
1,2,4-Trimethylbenzene	1.600	U	5.200	D	7.900	U	0.390	U	-	-	
1,2-Dibromoethane	2.500	U	2.500	U	12	U	0.610	U	-	-	
1,2-Dichlorobenzene	2	U	1.900	U	9.600	U	0.480	U	-	-	
1,2-Dichloroethane	1.300	U	1.300	U	6.500	U	0.320	U	-	-	
1,2-Dichloropropane	1.500	U	1.500	U	7.400	U	0.370	U	-	-	
1,2-Dichlorotetrafluoroethane	2.300	U	2.200	U	11	U	0.560	U	-	-	
1,3,5-Trimethylbenzene	1.600	U	1.900	D	7.900	U	0.390	U	-	-	
1,3-Butadiene	2.900	D	2.100	U	11	U	0.530	U	-	-	
1,3-Dichlorobenzene	2	U	1.900	U	9.600	U	0.480	U	-	-	
1,3-Dichloropropane	1.500	U	1.500	U	7.400	U	0.370	U	-	-	
1,4-Dichlorobenzene	2	U	1.900	U	9.600	U	0.480	U	-	-	
1,4-Dioxane	2.400	U	2.300	U	12	U	0.570	U	-	-	
2-Butanone	120	D	11	D	100	D	0.330	D	-	-	
2-Hexanone	8.400	D	2.600	U	13	U	0.650	U	-	-	
3-Chloropropene	5.200	U	5	U	25	U	1.200	U	-	-	
4-Methyl-2-pentanone	2.800	D	1.800	D	6.600	U	0.330	U	-	-	
Acetone	240	D	160	D	340	D	2.900	D	-	-	
Acrylonitrile	0.720	U	0.690	U	4.900	D	0.170	U	-	-	
Benzene	3.300	D	4.700	D	9.200	D	0.460	D	-	-	
Benzyl chloride	1.700	U	1.700	U	8.300	U	0.410	U	-	-	
Bromodichloromethane	2.200	U	2.100	U	11	U	0.530	U	-	-	
Bromoform	3.400	U	3.300	U	17	U	0.820	U	-	-	
Bromomethane	1.300	U	1.200	U	6.200	U	0.310	U	-	-	
Carbon disulfide	16	D	6.700	D	23	D	0.250	U	-	-	
Carbon tetrachloride	0.520	U	0.500	U	2.500	U	0.300	D	6	-	No Further Action
Chlorobenzene	1.500	U	1.500	U	7.400	U	0.370	U	-	-	
Chloroethane	0.870	U	0.840	U	4.200	U	0.210	U	-	-	
Chloroform	1.600	U	1.600	U	7.800	U	0.390	U	-	-	
Chloromethane	0.820	D	0.730	D	3.300	U	0.950	D	-	-	
cis-1,2-Dichloroethylene	0.330	U	0.320	U	1.600	U	0.0790	U	6	-	
cis-1,3-Dichloropropylene	1.500	U	1.400	U	7.300	U	0.360	U	-	-	
Cyclohexane	1.100	U	2.400	D	28	D	0.270	U	-	-	
Dibromochloromethane	2.800	U	2.700	U	14	U	0.680	U	-	-	
Dichlorodifluoromethane	1.600	D	2.700	D	7.900	U	1.700	D	-	-	
Ethyl acetate	2.400	U	2.300	U	12	U	0.570	U	-	-	
Ethyl Benzene	11	D	11	D	9	D	0.350	U	-	-	
Hexachlorobutadiene	3.500	U	3.400	U	17	U	0.850	U	-	-	
Isopropanol	29	BD	25	BD	27	D	2.600	D	-	-	
Methyl Methacrylate	1.400	U	1.300	U	6.600	U	0.330	U	-	-	
Methyl tert-butyl ether (MTBE)	1.200	U	1.200	U	5.800	U	0.290	U	-	-	
Methylene chloride	2.300	U	2.200	U	11	U	0.660	D	600	60	No Further Action
n-Heptane	2.600	D	300	D	47	D	0.330	U	-	-	
n-Hexane	5.500	D	93	D	160	D	0.280	U	-	-	
o-Xylene	8.800	D	12	D	7.600	D	0.350	U	-	-	
p- & m- Xylenes	39	D	38	D	33	D	0.690	U	-	-	
p-Ethyltoluene	1.600	U	3.900	D	7.900	U	0.390	U	-	-	
Propylene	78	D	130	D	750	D	0.140	U	-	-	
Styrene	1.400	U	1.400	U	6.800	U	0.340	U	-	-	
Tetrachloroethylene	7	D	17	D	20	D	0.540	U	300	30	No Further Action
Tetrahydrofuran	3	D	3.100	D	9.400	U	0.470	U	-	-	
Toluene	72	D	51	D	43	D	0.450	D	-	-	
trans-1,2-Dichloroethylene	1.300	U	1.300	U	6.300	U	0.320	U	-	-	
trans-1,3-Dichloropropylene	1.500	U	1.400	U	7.300	U	0.360	U	-	-	
Trichloroethylene	0.440	U	0.430	U	2.200	U	0.110	U	20	2	No further Action
Trichlorofluoromethane (Freon 11)	1.900	U	1.800	U	9	U	0.890	D	-	-	
Vinyl acetate	1.200	U	1.100	U	5.600	U	0.280	U	-	-	
Vinyl bromide	1.400	U	1.400	U	7	U	0.350	U	-	-	
Vinyl Chloride	0.420	U	0.410	U	2	U	0.100	U	6	-	No further Action

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Appendix C

Soil Boring Logs

PREFERRED ENVIRONMENTAL SERVICES
323 Merrick Avenue - North Merrick, New York 11566
Tel: (516) 546-1100 Fax : (516) 213-8156

PROJECT: Beach 62nd Street

LOCATION: Beach 62nd Street, Rockaway, NY

DATE: 2/1/23

PROJECT NO.:

SOIL BORING LOG

Soil Boring ID: SB-1

SHEET 1 OF 1

GPS Coordinates:

LOGGED BY: Ryan Crowley

GROUND SURFACE ELEVATION:

MEASURING POINT ELEVATION:

START DATE: 2/1/23

DRILLING CO.: Coastal Environmental Solutions

FINISH DATE: 2/1/23

DRILLERS NAME: John

SAMPLING METHOD:

DRILLING METHOD AND RIG TYPE: Geoprobe 6011DT

DEPTH (FT)	WELL DIAGRAM	SAMPLE DEPTH (FT)	SAMPLE REC. (IN.)	SAMPLE BLOWS/6 IN.	SAMPLE PID (PPM)	COLLECTION TIME	GRAPHIC LOG	MATERIAL DESCRIPTION
1					0.0			Brown silty sand with trace gravel, no odor
2					0.0			
3			Hand-clear		0.0			Black silty sand with trace gravel/asphalt, no odor
4					0.0			Brown/Black silty sand with trace gravel, no odor. Glass and brick pieces present
5					0.0			Light brown sand, saturated, no odor. Wet at about 4.75'
6					0.0			
7					0.0			Grey sand, saturated, minor organic odor
8			48"		2.4			
9					8.2			Gray clay, saturated, strong organic odor with organics present
10					10.5			
								End of Boring
11								
12								
13								
14								
15								

UNIFIED SOIL CLASSIFICATION AND SYMBOL CHART

GW	Well-Graded Gravels, Gravel - Sand Mixtures, Little or No Fines
GP	Poorly-Graded Gravels, Gravel- Sand Mixtures, Little or No Fines
GM	Silty Gravels, Gravel - Sand - Silt Mixtures
GC	Clayey Gravels, Gravel- Sand- Clay Mixtures
SW	Well-Graded Sands, Gravelly Sands, Little or No Fines
SP	Poorly-Graded Sands, Gravelly Sand, Little or no Fines
SM	Silty Sands, Sand - Silt Mixtures
SC	Clayey Sands, Sand - Clay Mixtures
ML	Inorganic Silts and Very Fine Sands, Rock Flour, Silty or Clayey Fine Sands or Clayey Silts with Slight Plasticity
CL	Inorganic Clays of Low Medium Plasticity, Gravelly Clays, Sandy Clays, Silty Clays, Lean Clays
OL	Organic Silts and Organic Silty Clays of Low Plasticity
MH	Inorganic Silts, Micaceous or Diatomaceous Fine Sand or Silty Sands
CH	Inorganic class of High Plasticity
OH	Organic Clays of Medium to High Plasticity, Organic Silts
PT	Peat, Humus, Swamp Soils with High Organic Contents
FILL	Fill Material

Notes: feet bgs= feet below grade surface

Monitoring Well Construction Details

Monitoring Well ID:	N/A
Depth (ft.):	N/A
Dia. (in.):	N/A
Well Material:	N/A
Screen Slot Size:	N/A
Screen Interval:	N/A
Riser Interval:	N/A
Depth/Type Pack:	N/A
Depth/Type Seal:	N/A
Backfill Over Seal:	N/A
Surface Seal:	N/A
Well Endcap:	N/A
Well Cap:	N/A
Manhole:	N/A

PREFERRED ENVIRONMENTAL SERVICES
323 Merrick Avenue - North Merrick, New York 11566
Tel: (516) 546-1100 Fax : (516) 213-8156

PROJECT: Beach 62nd Street
LOCATION: Beach 62nd Street, Rockaway, NY
DATE: 2/1/23
PROJECT NO.:

SOIL BORING LOG
Soil Boring ID: SB-2
SHEET 1 OF 1

GPS Coordinates:
GROUND SURFACE ELEVATION:
START DATE: 2/1/23
FINISH DATE: 2/1/23
SAMPLING METHOD:

LOGGED BY: Ryan Crowley
MEASURING POINT ELEVATION:
DRILLING CO.: Coastal Environmental Solutions
DRILLERS NAME: John
DRILLING METHOD AND RIG TYPE: Geoprobe 6011DT

DEPTH (FT)	WELL DIAGRAM	SAMPLE DEPTH (FT)	SAMPLE REC. (IN.)	SAMPLE BLOWS/6 IN.	SAMPLE PID (PPM)	COLLECTION TIME	GRAPHIC LOG	MATERIAL DESCRIPTION
1			Hand-clear		0.0			Brown silty sand with tracel gravel, no odor
2					0.0			
3					0.0			Beige sand with trace gravel, no odor
4					0.0			
5					0.0			Black silty sand with trace gravel and glass, no odor
6					0.0			
7					0.0			Beige sand, water at 7' bgs. No odor
8			55"		0.0			Beige sand, saturated, no odor
9					0.0			Grey sand, saturated, no odor
10					0.0			
End of Boring								
11								
12								
13								
14								
15								

Notes: feet bgs= feet below grade surface

UNIFIED SOIL CLASSIFICATION AND SYMBOL CHART

GW	Well-Graded Gravels, Gravel - Sand Mixtures, Little or No Fines
GP	Poorly-Graded Gravels, Gravel- Sand Mixtures, Little or No Fines
GM	Silty Gravels, Gravel - Sand - Silt Mixtures
GC	Clayey Gravels, Gravel- Sand- Clay Mixtures
SW	Well-Graded Sands, Gravelly Sands, Little or No Fines
SP	Poorly-Graded Sands, Gravelly Sand, Little or no Fines
SM	Silty Sands, Sand - Silt Mixtures
SC	Clayey Sands, Sand - Clay Mixtures
ML	Inorganic Silts and Very Fine Sands, Rock Flour, Silty or Clayey Fine Sands or Clayey Silts with Slight Plasticity
CL	Inorganic Clays of Low Medium Plasticity, Gravelly Clays, Sandy Clays, Silty Clays, Lean Clays
OL	Organic Silts and Organic Silty Clays of Low Plasticity
MH	Inorganic Silts, Micaceous or Diatomaceous Fine Sand or Silty Sands
CH	Inorganic class of High Plasticity
OH	Organic Clays of Medium to High Plasticity, Organic Silts
PT	Peat, Humus, Swamp Soils with High Organic Contents
FILL	Fill Material

Monitoring Well Construction Details

Monitoring Well ID:	N/A
Depth (ft.):	N/A
Dia. (in.):	N/A
Well Material:	N/A
Screen Slot Size:	N/A
Screen Interval:	N/A
Riser Interval:	N/A
Depth/Type Pack:	N/A
Depth/Type Seal:	N/A
Backfill Over Seal:	N/A
Surface Seal:	N/A
Well Endcap:	N/A
Well Cap:	N/A
Manhole:	N/A

PREFERRED ENVIRONMENTAL SERVICES
323 Merrick Avenue - North Merrick, New York 11566
Tel: (516) 546-1100 Fax : (516) 213-8156

PROJECT: Beach 62nd Street
LOCATION: Beach 62nd Street, Rockaway, NY
DATE: 2/1/23
PROJECT NO.:

SOIL BORING LOG
Soil Boring ID: SB-3
SHEET 1 **OF** 1

GPS Coordinates:
GROUND SURFACE ELEVATION:
START DATE: 2/1/23
FINISH DATE: 2/1/23
SAMPLING METHOD:

LOGGED BY: Ryan Crowley
MEASURING POINT ELEVATION:
DRILLING CO.: Coastal Environmental Solutions
DRILLERS NAME: John
DRILLING METHOD AND RIG TYPE: Geoprobe 6011DT

DEPTH (FT)	WELL DIAGRAM	SAMPLE DEPTH (FT)	SAMPLE REC. (IN.)	SAMPLE BLOWS/6 IN.	SAMPLE PID (PPM)	COLLECTION TIME	GRAPHIC LOG	MATERIAL DESCRIPTION
1					0.0			Brown silty sand with trace gravel, no odor
2					0.0			
3			Hand-clear		0.0			Fill material (glass and brick) and brown silty sand with trace gravel. No odor.
4					0.0			
5					0.0			Fill material (glass and brick) and brown silty sand with trace gravel. No odor. Water at 6' bgs.
6					0.0			
7					0.0			Grey sand, saturated, no odor.
8			41"		0.0			
9					0.0			Dark grey sand, saturated, minor organic odor
10					4.5			Grey clay, saturated, strong organic odor with organics present
								End of Boring
11								
12								
13								
14								
15								

Notes: feet bgs= feet below grade surface

UNIFIED SOIL CLASSIFICATION AND SYMBOL CHART

GW	Well-Graded Gravels, Gravel - Sand Mixtures, Little or No Fines
GP	Poorly-Graded Gravels, Gravel- Sand Mixtures, Little or No Fines
GM	Silty Gravels, Gravel - Sand - Silt Mixtures
GC	Clayey Gravels, Gravel- Sand- Clay Mixtures
SW	Well-Graded Sands, Gravelly Sands, Little or No Fines
SP	Poorly-Graded Sands, Gravelly Sand, Little or no Fines
SM	Silty Sands, Sand - Silt Mixtures
SC	Clayey Sands, Sand - Clay Mixtures
ML	Inorganic Silts and Very Fine Sands, Rock Flour, Silty or Clayey Fine Sands or Clayey Silts with Slight Plasticity
CL	Inorganic Clays of Low Medium Plasticity, Gravelly Clays, Sandy Clays, Silty Clays, Lean Clays
OL	Organic Silts and Organic Silty Clays of Low Plasticity
MH	Inorganic Silts, Micaceous or Diatomaceous Fine Sand or Silty Sands
CH	Inorganic class of High Plasticity
OH	Organic Clays of Medium to High Plasticity, Organic Silts
PT	Peat, Humus, Swamp Soils with High Organic Contents
FILL	Fill Material

Monitoring Well Construction Details

Monitoring Well ID:	N/A
Depth (ft.):	N/A
Dia. (in.):	N/A
Well Material:	N/A
Screen Slot Size:	N/A
Screen Interval:	N/A
Riser Interval:	N/A
Depth/Type Pack:	N/A
Depth/Type Seal:	N/A
Backfill Over Seal:	N/A
Surface Seal:	N/A
Well Endcap:	N/A
Well Cap:	N/A
Manhole:	N/A

PREFERRED ENVIRONMENTAL SERVICES
323 Merrick Avenue - North Merrick, New York 11566
Tel: (516) 546-1100 Fax : (516) 213-8156

PROJECT: Beach 62nd Street

LOCATION: Beach 62nd Street, Rockaway, NY

DATE: 2/1/23

PROJECT NO.:

SOIL BORING LOG

Soil Boring ID: SB-4

SHEET 1 OF 1

GPS Coordinates:

GROUND SURFACE ELEVATION:

START DATE: 2/1/23

FINISH DATE: 2/1/23

SAMPLING METHOD:

LOGGED BY: Ryan Crowley

MEASURING POINT ELEVATION:

DRILLING CO.: Coastal Environmental Solutions

DRILLERS NAME: John

DRILLING METHOD AND RIG TYPE: Geoprobe 6011DT

DEPTH (FT)	WELL DIAGRAM	SAMPLE DEPTH (FT)	SAMPLE REC. (IN.)	SAMPLE BLOWS/6 IN.	SAMPLE PID (PPM)	COLLECTION TIME	GRAPHIC LOG	MATERIAL DESCRIPTION
1			Hand-clear		0.0			Brown silty sand with trace gravel, no odor
2					0.0			
3					0.0			Light brown silty sand with trace gravel, no odor
4					0.0			
5					0.0			Light brown silty sand with fill material (concrete pieces), no odor
6					0.0			
7			31"		0.0			Light brown silty sand with fill material (concrete pieces), no odor. Water at 7' bgs.
8					0.1			Black medium coarse sand with moderate gravel and organics (wood). Minor organic odor, saturated.
9					0.2			Grey sand, saturated, no odor
10					0.0			
End of Boring								
11								
12								
13								
14								
15								

Notes: feet bgs= feet below grade surface

UNIFIED SOIL CLASSIFICATION AND SYMBOL CHART

GW	Well-Graded Gravels, Gravel - Sand Mixtures, Little or No Fines
GP	Poorly-Graded Gravels, Gravel- Sand Mixtures, Little or No Fines
GM	Silty Gravels, Gravel - Sand - Silt Mixtures
GC	Clayey Gravels, Gravel- Sand- Clay Mixtures
SW	Well-Graded Sands, Gravelly Sands, Little or No Fines
SP	Poorly-Graded Sands, Gravelly Sand, Little or no Fines
SM	Silty Sands, Sand - Silt Mixtures
SC	Clayey Sands, Sand - Clay Mixtures
ML	Inorganic Silts and Very Fine Sands, Rock Flour, Silty or Clayey Fine Sands or Clayey Silts with Slight Plasticity
CL	Inorganic Clays of Low Medium Plasticity, Gravelly Clays, Sandy Clays, Silty Clays, Lean Clays
OL	Organic Silts and Organic Silty Clays of Low Plasticity
MH	Inorganic Silts, Micaceous or Diatomaceous Fine Sand or Silty Sands
CH	Inorganic class of High Plasticity
OH	Organic Clays of Medium to High Plasticity, Organic Silts
PT	Peat, Humus, Swamp Soils with High Organic Contents
FILL	Fill Material

Monitoring Well Construction Details

Monitoring Well ID:	N/A
Depth (ft.):	N/A
Dia. (in.):	N/A
Well Material:	N/A
Screen Slot Size:	N/A
Screen Interval:	N/A
Riser Interval:	N/A
Depth/Type Pack:	N/A
Depth/Type Seal:	N/A
Backfill Over Seal:	N/A
Surface Seal:	N/A
Well Endcap:	N/A
Well Cap:	N/A
Manhole:	N/A

PREFERRED ENVIRONMENTAL SERVICES
323 Merrick Avenue - North Merrick, New York 11566
Tel: (516) 546-1100 Fax : (516) 213-8156

PROJECT: Beach 62nd Street

LOCATION: Beach 62nd Street, Rockaway, NY

DATE: 2/1/23

PROJECT NO.:

SOIL BORING LOG

Soil Boring ID: SB-5

SHEET 1 OF 1

GPS Coordinates:

GROUND SURFACE ELEVATION:

START DATE: 2/1/23

FINISH DATE: 2/1/23

SAMPLING METHOD:

LOGGED BY: Ryan Crowley

MEASURING POINT ELEVATION:

DRILLING CO.: Coastal Environmental Solutions

DRILLERS NAME: John

DRILLING METHOD AND RIG TYPE: Geoprobe 6011DT

DEPTH (FT)	WELL DIAGRAM	SAMPLE DEPTH (FT)	SAMPLE REC. (IN.)	SAMPLE BLOWS/6 IN.	SAMPLE PID (PPM)	COLLECTION TIME	GRAPHIC LOG	MATERIAL DESCRIPTION
1			Hand-clear		0.0			Brown silty sand with trace gravel, no odor
2					0.0			
3					0.0			Brown silty sand with trace gravel, no odor
4					0.0			
5					0.0			Assorted color fill material (stone, glass), and brown silty sand with trace gravel. No odor. Water at 6' bgs.
6					0.0			
7			53"		0.0			Grey sand, saturated, no odor
8					19.4			
9					21.3			Grey clay, saturated, strong organic odor with organics present
10					7.8			
								End of Boring
11								
12								
13								
14								
15								

Notes: feet bgs= feet below grade surface

UNIFIED SOIL CLASSIFICATION AND SYMBOL CHART

GW	Well-Graded Gravels, Gravel - Sand Mixtures, Little or No Fines
GP	Poorly-Graded Gravels, Gravel- Sand Mixtures, Little or No Fines
GM	Silty Gravels, Gravel - Sand - Silt Mixtures
GC	Clayey Gravels, Gravel- Sand- Clay Mixtures
SW	Well-Graded Sands, Gravelly Sands, Little or No Fines
SP	Poorly-Graded Sands, Gravelly Sand, Little or no Fines
SM	Silty Sands, Sand - Silt Mixtures
SC	Clayey Sands, Sand - Clay Mixtures
ML	Inorganic Silts and Very Fine Sands, Rock Flour, Silty or Clayey Fine Sands or Clayey Silts with Slight Plasticity
CL	Inorganic Clays of Low Medium Plasticity, Gravelly Clays, Sandy Clays, Silty Clays, Lean Clays
OL	Organic Silts and Organic Silty Clays of Low Plasticity
MH	Inorganic Silts, Micaceous or Diatomaceous Fine Sand or Silty Sands
CH	Inorganic class of High Plasticity
OH	Organic Clays of Medium to High Plasticity, Organic Silts
PT	Peat, Humus, Swamp Soils with High Organic Contents
FILL	Fill Material

Monitoring Well Construction Details

Monitoring Well ID:	N/A
Depth (ft.):	N/A
Dia. (in.):	N/A
Well Material:	N/A
Screen Slot Size:	N/A
Screen Interval:	N/A
Riser Interval:	N/A
Depth/Type Pack:	N/A
Depth/Type Seal:	N/A
Backfill Over Seal:	N/A
Surface Seal:	N/A
Well Endcap:	N/A
Well Cap:	N/A
Manhole:	N/A

PREFERRED ENVIRONMENTAL SERVICES
323 Merrick Avenue - North Merrick, New York 11566
Tel: (516) 546-1100 Fax : (516) 213-8156

PROJECT: Beach 62nd Street
LOCATION: Beach 62nd Street, Rockaway, NY
DATE: 2/1/23
PROJECT NO.:

SOIL BORING LOG
Soil Boring ID: SB-6
SHEET 1 **OF** 1

GPS Coordinates:
GROUND SURFACE ELEVATION:
START DATE: 2/1/23
FINISH DATE: 2/1/23
SAMPLING METHOD:

LOGGED BY: Ryan Crowley
MEASURING POINT ELEVATION:
DRILLING CO.: Coastal Environmental Solutions
DRILLERS NAME: John
DRILLING METHOD AND RIG TYPE: Geoprobe 6011DT

DEPTH (FT)	WELL DIAGRAM	SAMPLE DEPTH (FT)	SAMPLE REC. (IN.)	SAMPLE BLOWS/6 IN.	SAMPLE PID (PPM)	COLLECTION TIME	GRAPHIC LOG	MATERIAL DESCRIPTION
1					0.0			Brown silty sand with gravel, no odor
2					0.0			
3			Hand-clear		0.0			Dark brown silty sand with trace gravel, no odor
4					0.0			
5					0.0			Dark brown silty sand with fill material (glass, stone, asphalt, plastic). No odor
6					0.0			
7					0.0			Dark brown silty sand with fill material (glass, stone, asphalt, plastic). No odor. Water at 7' bgs
8			50"		0.4			Grey sand, saturated, moderate organic odor
9					7.8			Grey clay, saturated, strong organic odor with organics present
10					11.5			
		End of Boring						
11								
12								
13								
14								
15								

Notes: feet bgs= feet below grade surface

UNIFIED SOIL CLASSIFICATION AND SYMBOL CHART

GW	Well-Graded Gravels, Gravel - Sand Mixtures, Little or No Fines
GP	Poorly-Graded Gravels, Gravel- Sand Mixtures, Little or No Fines
GM	Silty Gravels, Gravel - Sand - Silt Mixtures
GC	Clayey Gravels, Gravel- Sand- Clay Mixtures
SW	Well-Graded Sands, Gravelly Sands, Little or No Fines
SP	Poorly-Graded Sands, Gravelly Sand, Little or no Fines
SM	Silty Sands, Sand - Silt Mixtures
SC	Clayey Sands, Sand - Clay Mixtures
ML	Inorganic Silts and Very Fine Sands, Rock Flour, Silty or Clayey Fine Sands or Clayey Silts with Slight Plasticity
CL	Inorganic Clays of Low Medium Plasticity, Gravelly Clays, Sandy Clays, Silty Clays, Lean Clays
OL	Organic Silts and Organic Silty Clays of Low Plasticity
MH	Inorganic Silts, Micaceous or Diatomaceous Fine Sand or Silty Sands
CH	Inorganic class of High Plasticity
OH	Organic Clays of Medium to High Plasticity, Organic Silts
PT	Peat, Humus, Swamp Soils with High Organic Contents
FILL	Fill Material

Monitoring Well Construction Details

Monitoring Well ID:	N/A
Depth (ft.):	N/A
Dia. (in.):	N/A
Well Material:	N/A
Screen Slot Size:	N/A
Screen Interval:	N/A
Riser Interval:	N/A
Depth/Type Pack:	N/A
Depth/Type Seal:	N/A
Backfill Over Seal:	N/A
Surface Seal:	N/A
Well Endcap:	N/A
Well Cap:	N/A
Manhole:	N/A

PREFERRED ENVIRONMENTAL SERVICES
323 Merrick Avenue - North Merrick, New York 11566
Tel: (516) 546-1100 Fax : (516) 213-8156

PROJECT: Beach 62nd Street
LOCATION: Beach 62nd Street, Rockaway, NY
DATE: 2/1/23
PROJECT NO.:

SOIL BORING LOG
Soil Boring ID: SB-7
SHEET 1 **OF** 1

GPS Coordinates:
GROUND SURFACE ELEVATION:
START DATE: 2/1/23
FINISH DATE: 2/1/23
SAMPLING METHOD:

LOGGED BY: Ryan Crowley
MEASURING POINT ELEVATION:
DRILLING CO.: Coastal Environmental Solutions
DRILLERS NAME: John
DRILLING METHOD AND RIG TYPE: Geoprobe 6011DT

DEPTH (FT)	WELL DIAGRAM	SAMPLE DEPTH (FT)	SAMPLE REC. (IN.)	SAMPLE BLOWS/6 IN.	SAMPLE PID (PPM)	COLLECTION TIME	GRAPHIC LOG	MATERIAL DESCRIPTION
1			Hand-clear		0.0			Brown silty sand with trace gravel, no odor
2					0.0			
3					0.0			Brown silty sand with trace gravel, no odor. Obstruction at ~3' bgs.
4			30"		0.1			
5					0.2			Dark brown silty sand with fill material (stone, glass, brick), no odor. Water at 5' bgs
		End of Boring						
6								
7								
8								
9								
10								
11								
12								
13								
14								
15								

Notes: feet bgs= feet below grade surface

UNIFIED SOIL CLASSIFICATION AND SYMBOL CHART

GW	Well-Graded Gravels, Gravel - Sand Mixtures, Little or No Fines
GP	Poorly-Graded Gravels, Gravel- Sand Mixtures, Little or No Fines
GM	Silty Gravels, Gravel - Sand - Silt Mixtures
GC	Clayey Gravels, Gravel- Sand- Clay Mixtures
SW	Well-Graded Sands, Gravelly Sands, Little or No Fines
SP	Poorly-Graded Sands, Gravelly Sand, Little or no Fines
SM	Silty Sands, Sand - Silt Mixtures
SC	Clayey Sands, Sand - Clay Mixtures
ML	Inorganic Silts and Very Fine Sands, Rock Flour, Silty or Clayey Fine Sands or Clayey Silts with Slight Plasticity
CL	Inorganic Clays of Low Medium Plasticity, Gravelly Clays, Sandy Clays, Silty Clays, Lean Clays
OL	Organic Silts and Organic Silty Clays of Low Plasticity
MH	Inorganic Silts, Micaceous or Diatomaceous Fine Sand or Silty Sands
CH	Inorganic class of High Plasticity
OH	Organic Clays of Medium to High Plasticity, Organic Silts
PT	Peat, Humus, Swamp Soils with High Organic Contents
FILL	Fill Material

Monitoring Well Construction Details

Monitoring Well ID:	N/A
Depth (ft.):	N/A
Dia. (in.):	N/A
Well Material:	N/A
Screen Slot Size:	N/A
Screen Interval:	N/A
Riser Interval:	N/A
Depth/Type Pack:	N/A
Depth/Type Seal:	N/A
Backfill Over Seal:	N/A
Surface Seal:	N/A
Well Endcap:	N/A
Well Cap:	N/A
Manhole:	N/A

PREFERRED ENVIRONMENTAL SERVICES
323 Merrick Avenue - North Merrick, New York 11566
Tel: (516) 546-1100 Fax : (516) 213-8156

PROJECT: Beach 62nd Street
LOCATION: Beach 62nd Street, Rockaway, NY
DATE: 2/1/23
PROJECT NO.:

SOIL BORING LOG
Soil Boring ID: SB-8
SHEET 1 **OF** 1

GPS Coordinates:
GROUND SURFACE ELEVATION:
START DATE: 2/1/23
FINISH DATE: 2/1/23
SAMPLING METHOD:

LOGGED BY: Ryan Crowley
MEASURING POINT ELEVATION:
DRILLING CO.: Coastal Environmental Solutions
DRILLERS NAME: John
DRILLING METHOD AND RIG TYPE: Geoprobe 6011DT

DEPTH (FT)	WELL DIAGRAM	SAMPLE DEPTH (FT)	SAMPLE REC. (IN.)	SAMPLE BLOWS/6 IN.	SAMPLE PID (PPM)	COLLECTION TIME	GRAPHIC LOG	MATERIAL DESCRIPTION
1					0.0			Dark brown silty sand with trace gravel, no odor
2					0.0			Black silty sand with trace gravel, no odor
3			46"		0.0			Grey sand, no odor
4					0.1			
5					0.0			Dark brown silty sand with fill material (stone and glass), no odor. Water at 5' bgs
		End of Boring						
6								
7								
8								
9								
10								
11								
12								
13								
14								
15								

Notes: feet bgs= feet below grade surface

UNIFIED SOIL CLASSIFICATION AND SYMBOL CHART

GW	Well-Graded Gravels, Gravel - Sand Mixtures, Little or No Fines
GP	Poorly-Graded Gravels, Gravel- Sand Mixtures, Little or No Fines
GM	Silty Gravels, Gravel - Sand - Silt Mixtures
GC	Clayey Gravels, Gravel- Sand- Clay Mixtures
SW	Well-Graded Sands, Gravelly Sands, Little or No Fines
SP	Poorly-Graded Sands, Gravelly Sand, Little or no Fines
SM	Silty Sands, Sand - Silt Mixtures
SC	Clayey Sands, Sand - Clay Mixtures
ML	Inorganic Silts and Very Fine Sands, Rock Flour, Silty or Clayey Fine Sands or Clayey Silts with Slight Plasticity
CL	Inorganic Clays of Low Medium Plasticity, Gravelly Clays, Sandy Clays, Silty Clays, Lean Clays
OL	Organic Silts and Organic Silty Clays of Low Plasticity
MH	Inorganic Silts, Micaceous or Diatomaceous Fine Sand or Silty Sands
CH	Inorganic class of High Plasticity
OH	Organic Clays of Medium to High Plasticity, Organic Silts
PT	Peat, Humus, Swamp Soils with High Organic Contents
FILL	Fill Material

Monitoring Well Construction Details

Monitoring Well ID:	N/A
Depth (ft.):	N/A
Dia. (in.):	N/A
Well Material:	N/A
Screen Slot Size:	N/A
Screen Interval:	N/A
Riser Interval:	N/A
Depth/Type Pack:	N/A
Depth/Type Seal:	N/A
Backfill Over Seal:	N/A
Surface Seal:	N/A
Well Endcap:	N/A
Well Cap:	N/A
Manhole:	N/A

Appendix D

Field Sampling Logs

FIELD OBSERVATION LOG
GROUNDWATER SAMPLING RECORD

SITE 6 62nd Street, Rockaway, NY DATE 2/2/23

SAMPLE ID: GW-1
WELL ID: GW-1
SAMPLERS: AC

Time On-site: 8:02am / 8:02am
Time Off-site:

Depth of well (from top of casing): 9.37 Time: 8:05am
Initial static water level (from top of casing): 5.62 Time: 8:05am

Purging Method

Airlift	___	Centrifugal	___
Bailer	___	Pos. Displ.	___
Submersible	___	Disposable	___
Pump		Bladder Pump	
peri pump	✓	(Low Flow)	

Well Volume Calculation:
2 in. casing: _____ ft. of water x 0.16 = _____ gallons
3 in. casing: _____ ft. of water x 0.36 = _____ gallons
4 in. casing: _____ ft. of water x 0.65 = _____ gallons
1 in. casing: 3.75 ft. of water

volume of water removed: _____ gal. (Drawdown < 0.1m)
>3 volumes: yes ___ no ___ purged dry? yes ___ no ___

Field Tests

Volume of Purge Water (in ml) (readings every 3-5 minutes)	pH (+/- 0.1)	Temp (°C)	Spec. Cond. (ms/cm) (+/- 3%)	Turbidity (NTUs) (+/- 10%)	Dissolved Oxygen (mg/l) (+/- 10%)	ORP (mv) (+/- 10 mv)
8:16 0	6.81	9.07	0.807	6.30	1.95	-197
8:21 1,500	7.19	10.10	0.809	27.0	10.86	-214
8:26 3,000	7.23	10.33	0.798	97.7	10.11	-214
8:31 4,500	7.22	10.40	0.816	52.3	9.75	-226
8:36 6,000	7.22	10.43	0.820	32.2	8.08	-230
8:41 7500	7.21	10.50	0.815	14.2	7.94	-235
8:46 9000	7.21	10.53	0.816	0.0	7.88	-239

Sampling
Time of Sample Collection: 08:46

Method:
___ Stainless steel bailer
___ Teflon bailer
___ Pos. Disp. Pump
___ Disposable bailer
___ Dedicated pump
___ Other: Disposable Bladder Pump (Low Flow)

Analyses:
___ TCL VOCs 602 _____ 503 _____ Other _____
___ TCL SVOCs
___ Target Analyte List Metals
___ Alkalinity

Observations
Weather/Temperature: 29°F - Partly cloudy - wind - 3mph NE
Sample description: _____
Free Product? yes ___ no ___ describe _____
Sheen? yes ___ no ___ describe _____
Odor? yes ___ no ___ describe _____

Comments:

FIELD OBSERVATION LOG
GROUNDWATER SAMPLING RECORD

SITE B 62nd Street, Rockaway, NY DATE 2/2/23

SAMPLE ID: GW-2
WELL ID: GW-2
SAMPLERS: RC

	Time On-site:	Time Off-site:
	11:35am	
	11:35am	

Depth of well (from top of casing): 8.89 Time: 11:42am
Initial static water level (from top of casing): 6.13 Time: 11:42am

Purging Method

Airlift	____	Centrifugal	____
Bailer	____	Pos. Displ.	____
Submersible Pump	____	Disposable Bladder Pump (Low Flow)	____
peri pump ✓			

Well Volume Calculation:
2 in. casing: _____ ft. of water x 0.16 = _____ gallons
3 in. casing: _____ ft. of water x 0.36 = _____ gallons
4 in. casing: _____ ft. of water x 0.65 = _____ gallons
1 in casing: 2.76 ft. of water

volume of water removed: _____ gal.
(Drawdown < 0.1m)
>3 volumes: yes ____ no ____
purged dry? yes ____ no ____

Field Tests

	Volume of Purge Water (in ml) (readings every 3-5 minutes)	pH (+/- 0.1)	Temp (°C)	Spec. Cond. (ms/cm) (+/- 3%)	Turbidity (NTUs) (+/- 10%)	Dissolved Oxygen (mg/l) (+/- 10%)	ORP (mv) (+/- 10 mv)
1153	0	7.77	11.74	0.732	72.7	2.20	-102
1158	1,500	7.39	12.25	0.399	9.0	0.40	-190
1203	3000	7.32	12.28	0.395	1.2	0.13	-230
1208	4500	7.20	12.33	0.395	0.9	0.00	-236
1213	6000	7.19	12.28	0.394	0.0	0.00	-237
1218	7,500	7.17	12.30	0.394	0.0	0.00	-235

Sampling
Time of Sample Collection: 1218

Method:
____ Stainless steel bailer
____ Teflon bailer
____ Pos. Disp. Pump
____ Disposable bailer
____ Dedicated pump
____ Other: Disposable Bladder Pump (Low Flow)

Analyses:
____ TCL VOCs 602 _____ 503 _____ Other _____
____ TCL SVOCs
____ Target Analyte List Metals
____ Alkalinity

Observations
Weather/Temperature: 35°F - Sunny - Wind - 10mph NE
Sample description: _____
Free Product? yes ____ no ____ describe _____
Sheen? yes ____ no ____ describe _____
Odor? yes ____ no ____ describe _____

Comments:

FIELD OBSERVATION LOG
GROUNDWATER SAMPLING RECORD

SITE 56 2nd Street, Rockaway, NY DATE 2/2/25

SAMPLE ID: GW-3
WELL ID: GW-3
SAMPLERS: RC

Time On-site: 10:24am / 10:24am
Time Off-site:

Depth of well (from top of casing): 9.98 Time: 10:28am
Initial static water level (from top of casing): 6.46 Time: 10:28am

Purging Method

Airlift	___	Centrifugal	___
Bailer	___	Pos. Displ.	___
Submersible Pump	___	Disposable Bladder Pump (Low Flow)	___
peri pump ✓			

Well Volume Calculation:
2 in. casing: _____ ft. of water x 0.16 = _____ gallons
3 in. casing: _____ ft. of water x 0.36 = _____ gallons
4 in. casing: _____ ft. of water x 0.65 = _____ gallons
1 in casing: 3.02 ft. of water

volume of water removed: _____ gal. (Drawdown < 0.1m) >3 volumes: yes ___ no ___ purged dry? yes ___ no ___

Field Tests

	Volume of Purge Water (in ml) (readings every 3-5 minutes)	pH (+/- 0.1)	Temp (°C)	Spec. Cond. (ms/cm) (+/- 3%)	Turbidity (NTUs) (+/- 10%)	Dissolved Oxygen (mg/l) (+/- 10%)	ORP (mv) (+/- 10 mv)
10:40	0	7.56	11.69	37.8	400	3.29	-5
10:45	1,500	7.51	12.07	38.2	180	2.42	-8
10:50	3,000	7.49	12.20	38.4	218	1.85	-22
10:55	4,500	7.44	12.28	38.5	14.7	1.57	-28
11:00	6,000	7.48	12.33	38.5	18.1	1.45	-31
11:05	7,500	7.49	12.35	38.6	9.4	1.32	-35

Sampling
Time of Sample Collection: 11:05

Method:
___ Stainless steel bailer
___ Teflon bailer
___ Pos. Disp. Pump
___ Disposable bailer
___ Dedicated pump
___ Other: Disposable Bladder Pump (Low Flow)

Analyses:
___ TCL VOCs 602 _____ 503 _____ Other _____
___ TCL SVOCs
___ Target Analyte List Metals
___ Alkalinity

Observations
Weather/Temperature: 33°F - Partly cloudy - wind - 8mph NE
Sample description: _____
Free Product? yes ___ no ___ describe _____
Sheen? yes ___ no ___ describe _____
Odor? yes ___ no ___ describe _____

Comments:

SVI Air Sample Log Sheet	
Project Location	Beach 62nd
Sample ID	SV-1
Date	2/2/23
Sample Type	IA SSV (SG) OA
Sample Depth/Height (ft)	-3ft
Sampler ID	RC
Pure Start Time	8:43 N/A
Purge Finish time	8:46 N/A
Total Volume Purged	600ml N/A
Summa Canister Size	6-Liters
Summa Canister ID	34500
Regulator Time	4 ~~8~~ hours
Regulator ID	13561
Laboratory	York Analytical Laboratories
Notes (i.e.. In saturated soils, dry, sand/gravel, odors, etc.)	Dry
PID Screening after Soil Vapor collection	0.0 ppm N/A
Helium Trace	(Y) N
Helium Detector Make and Model ID	N/A MGD 2002.
Helium detected (if yes at what concentration)	N/A
Analysis Requested	TO-15

4hr Canno.

Hg -> start -26

Hg -> Finish. 9

8:43 am st. purg

8:46 Stop Purg

8:46 st sample

12:15 finish sample

SVI Air Sample Log Sheet	
Project Location	Beach 62nd
Sample ID	SV-2
Date	2/2/23
Sample Type	IA SSV (SG) OA
Sample Depth/Height (ft)	~3ft
Sampler ID	RC
Pure Start Time	10:02 N/A
Purge Finish time	10:05 N/A
Total Volume Purged	600mL N/A
Summa Canister Size	6-Liters
Summa Canister ID	16453
Regulator Time	4 8-hours
Regulator ID	07270
Laboratory	York Analytical Laboratories
Notes (i.e.. In saturated soils, dry, sand/gravel, odors, etc.)	Dry
PID Screening after Soil Vapor colletion	0.0ppm N/A
Helium Trace	(Y) N
Helium Detector Make and Model ID	N/A MGD 2002
Helium detected (if yes at what concentration)	N/A
Analysis Requested	TO-15

4hr. Can

Hg → Start - 30

Hg → finish - 7

10:02 St purge

10:05 Stop purge

10:07 St. Sample

2:07 finish Sample

SVI Air Sample Log Sheet	
Project Location	Beach 62nd
Sample ID	SV-3
Date	2/2/23
Sample Type	IA SSV (SG) OA
Sample Depth/Height (ft)	~3ft
Sampler ID	RC
Pure Start Time	10:12 N/A
Purge Finish time	10:15 N/A
Total Volume Purged	600mL N/A
Summa Canister Size	6-Liters
Summa Canister ID	23796
Regulator Time	4 8-hours
Regulator ID	06868
Laboratory	York Analytical Laboratories
Notes (i.e.. In saturated soils, dry, sand/gravel, odors, etc.)	Dry
PID Screening after Soil Vapor colletion	0.0ppm N/A
Helium Trace	(Y) N
Helium Detector Make and Model ID	N/A MiniRae 2002
Helium detected (if yes at what concentration)	N/A
Analysis Requested	TO-15

4 hr. Can

Hg → Start 30

Hg → finish 7

10:12 St. purge

10:15 Stop purge

10:20 St. Sample

2.20 finish Sample

SVI Air Sample Log Sheet	
Project Location	Beach 62nd
Sample ID	OA-1
Date	2/2/23
Sample Type	IA SSV SG (OA)
Sample Depth/Height (ft)	~3ft
Sampler ID	RC
Pure Start Time	N/A
Purge Finish time	N/A
Total Volume Purged	N/A
Summa Canister Size	6-Liters
Summa Canister ID	22079
Regulator Time	4 8-hours
Regulator ID	05606
Laboratory	York Analytical Laboratories
Notes (i.e.. In saturated soils, dry, sand/gravel, odors, etc.)	Dry
PID Screening after Soil Vapor colletion	0.0ppm N/A
Helium Trace	Y (N)
Helium Detector Make and Model ID	N/A
Helium detected (if yes at what concentration)	N/A
Analysis Requested	TO-15

4 hr. Can.
Hg → Start - 30
Hg → Finish 5

N/A St. Purge
N/A Stop Purge
9:26 St. Sample
1:26 Finish Sample

Appendix E

Photographic Log

Photograph No. 1 & 2: View of drill technician hand-clearing sampling locations prior to utilization of a remote access rig to complete soil borings on the subject property located at Beach 62nd St, Queens, NY.

Photograph No. 3: View of soil boring that was converted into a temporary soil vapor monitoring location.

Photograph No. 4 & 5: Three (3) sub slab soil vapor samples and one (1) outdoor air sample were collected from the subject property during the investigation. Helium leak detection testing was performed on the soil gas and sub slab vapor samples prior to the collection of the air samples.

Photograph No. 6: View of one (1) sub slab soil vapor sample collection from the subject property during the investigation.

Photograph No. 7: Groundwater samples were procured from the three (3) temporary groundwater monitoring wells installed on the subject property. Field parameters were collected via utilization of a Horiba.

Appendix F

Laboratory Analytical Reports

Technical Report

prepared for:

Preferred Env. Services
323 Merrick Ave
North Merrick NY, 11566
Attention: Victoria Whelan

Report Date: 02/13/2023
Client Project ID: B 62nd Street
York Project (SDG) No.: 23B0078

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: 02/13/2023
Client Project ID: B 62nd Street
York Project (SDG) No.: 23B0078

Preferred Env. Services
323 Merrick Ave
North Merrick NY, 11566
Attention: Victoria Whelan

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 February 02, 2023 and listed below. The project was identified as your project: **B 62nd Street**.

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
23B0078-01	SB-1 (0-2 ft)	Soil	02/01/2023	02/02/2023
23B0078-02	SB-1 (3-5 ft)	Soil	02/01/2023	02/02/2023
23B0078-03	SB-2 (0-2 ft)	Soil	02/01/2023	02/02/2023
23B0078-04	SB-2 (5-7 ft)	Soil	02/01/2023	02/02/2023
23B0078-05	SB-3 (0-2 ft)	Soil	02/01/2023	02/02/2023
23B0078-06	SB-3 (4-6 ft)	Soil	02/01/2023	02/02/2023
23B0078-07	SB-4 (0-2 ft)	Soil	02/01/2023	02/02/2023
23B0078-08	SB-4 (5-7 ft)	Soil	02/01/2023	02/02/2023
23B0078-09	SB-5 (0-2 ft)	Soil	02/01/2023	02/02/2023
23B0078-10	SB-5 (4-6 ft)	Soil	02/01/2023	02/02/2023
23B0078-11	SB-6 (0-2 ft)	Soil	02/01/2023	02/02/2023
23B0078-12	SB-6 (5-7 ft)	Soil	02/01/2023	02/02/2023
23B0078-13	SB-7 (0-2 ft)	Soil	02/01/2023	02/02/2023
23B0078-14	SB-7 (3-5 ft)	Soil	02/01/2023	02/02/2023
23B0078-15	SB-8 (0-2 ft)	Soil	02/01/2023	02/02/2023
23B0078-16	SB-8 (3-5 ft)	Soil	02/01/2023	02/02/2023

General Notes for York Project (SDG) No.: 23B0078

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:** 02/13/2023

Cassie L. Mosher
Laboratory Manager

Sample Information

Client Sample ID: **SB-1 (0-2 ft)** **York Sample ID:** **23B0078-01**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23B0078	B 62nd Street	Soil	February 1, 2023 9:38 am	02/02/2023

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	2.5	5.0	1	EPA 8260C Certifications:	02/03/2023 09:00	02/03/2023 19:53 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	FTR
71-55-6	1,1,1-Trichloroethane	ND		ug/kg dry	2.5	5.0	1	EPA 8260C Certifications:	02/03/2023 09:00	02/03/2023 19:53 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	FTR
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/kg dry	2.5	5.0	1	EPA 8260C Certifications:	02/03/2023 09:00	02/03/2023 19:53 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	FTR
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/kg dry	2.5	5.0	1	EPA 8260C Certifications:	02/03/2023 09:00	02/03/2023 19:53 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP	FTR
79-00-5	1,1,2-Trichloroethane	ND		ug/kg dry	2.5	5.0	1	EPA 8260C Certifications:	02/03/2023 09:00	02/03/2023 19:53 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	FTR
75-34-3	1,1-Dichloroethane	ND		ug/kg dry	2.5	5.0	1	EPA 8260C Certifications:	02/03/2023 09:00	02/03/2023 19:53 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	FTR
75-35-4	1,1-Dichloroethylene	ND		ug/kg dry	2.5	5.0	1	EPA 8260C Certifications:	02/03/2023 09:00	02/03/2023 19:53 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	FTR
87-61-6	1,2,3-Trichlorobenzene	ND		ug/kg dry	2.5	5.0	1	EPA 8260C Certifications:	02/03/2023 09:00	02/03/2023 19:53 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	FTR
96-18-4	1,2,3-Trichloropropane	ND		ug/kg dry	2.5	5.0	1	EPA 8260C Certifications:	02/03/2023 09:00	02/03/2023 19:53 NELAC-NY10854,NELAC-NY12058,NJDEP	FTR
120-82-1	1,2,4-Trichlorobenzene	ND		ug/kg dry	2.5	5.0	1	EPA 8260C Certifications:	02/03/2023 09:00	02/03/2023 19:53 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	FTR
95-63-6	1,2,4-Trimethylbenzene	ND		ug/kg dry	2.5	5.0	1	EPA 8260C Certifications:	02/03/2023 09:00	02/03/2023 19:53 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	FTR
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/kg dry	2.5	5.0	1	EPA 8260C Certifications:	02/03/2023 09:00	02/03/2023 19:53 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	FTR
106-93-4	1,2-Dibromoethane	ND		ug/kg dry	2.5	5.0	1	EPA 8260C Certifications:	02/03/2023 09:00	02/03/2023 19:53 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	FTR
95-50-1	1,2-Dichlorobenzene	ND		ug/kg dry	2.5	5.0	1	EPA 8260C Certifications:	02/03/2023 09:00	02/03/2023 19:53 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	FTR
107-06-2	1,2-Dichloroethane	ND		ug/kg dry	2.5	5.0	1	EPA 8260C Certifications:	02/03/2023 09:00	02/03/2023 19:53 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	FTR
78-87-5	1,2-Dichloropropane	ND		ug/kg dry	2.5	5.0	1	EPA 8260C Certifications:	02/03/2023 09:00	02/03/2023 19:53 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	FTR
108-67-8	1,3,5-Trimethylbenzene	ND		ug/kg dry	2.5	5.0	1	EPA 8260C Certifications:	02/03/2023 09:00	02/03/2023 19:53 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	FTR
541-73-1	1,3-Dichlorobenzene	ND		ug/kg dry	2.5	5.0	1	EPA 8260C Certifications:	02/03/2023 09:00	02/03/2023 19:53 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	FTR
106-46-7	1,4-Dichlorobenzene	ND		ug/kg dry	2.5	5.0	1	EPA 8260C Certifications:	02/03/2023 09:00	02/03/2023 19:53 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	FTR
123-91-1	1,4-Dioxane	ND		ug/kg dry	50	100	1	EPA 8260C Certifications:	02/03/2023 09:00	02/03/2023 19:53 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	FTR
78-93-3	2-Butanone	ND		ug/kg dry	2.5	5.0	1	EPA 8260C Certifications:	02/03/2023 09:00	02/03/2023 19:53 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	FTR
591-78-6	2-Hexanone	ND		ug/kg dry	2.5	5.0	1	EPA 8260C Certifications:	02/03/2023 09:00	02/03/2023 19:53 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	FTR

Sample Information

Client Sample ID: SB-1 (0-2 ft) **York Sample ID:** 23B0078-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23B0078	B 62nd Street	Soil	February 1, 2023 9:38 am	02/02/2023

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
108-10-1	4-Methyl-2-pentanone	ND		ug/kg dry	2.5	5.0	1	EPA 8260C Certifications:	02/03/2023 09:00	02/03/2023 19:53	FTR CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
67-64-1	Acetone	ND		ug/kg dry	5.0	10	1	EPA 8260C Certifications:	02/03/2023 09:00	02/03/2023 19:53	FTR CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
107-02-8	Acrolein	ND		ug/kg dry	5.0	10	1	EPA 8260C Certifications:	02/03/2023 09:00	02/03/2023 19:53	FTR CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
107-13-1	Acrylonitrile	ND		ug/kg dry	2.5	5.0	1	EPA 8260C Certifications:	02/03/2023 09:00	02/03/2023 19:53	FTR CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
71-43-2	Benzene	ND		ug/kg dry	2.5	5.0	1	EPA 8260C Certifications:	02/03/2023 09:00	02/03/2023 19:53	FTR CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
74-97-5	Bromochloromethane	ND		ug/kg dry	2.5	5.0	1	EPA 8260C Certifications:	02/03/2023 09:00	02/03/2023 19:53	FTR NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
75-27-4	Bromodichloromethane	ND		ug/kg dry	2.5	5.0	1	EPA 8260C Certifications:	02/03/2023 09:00	02/03/2023 19:53	FTR CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
75-25-2	Bromoform	ND		ug/kg dry	2.5	5.0	1	EPA 8260C Certifications:	02/03/2023 09:00	02/03/2023 19:53	FTR CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
74-83-9	Bromomethane	ND		ug/kg dry	2.5	5.0	1	EPA 8260C Certifications:	02/03/2023 09:00	02/03/2023 19:53	FTR CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
75-15-0	Carbon disulfide	ND		ug/kg dry	2.5	5.0	1	EPA 8260C Certifications:	02/03/2023 09:00	02/03/2023 19:53	FTR CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
56-23-5	Carbon tetrachloride	ND		ug/kg dry	2.5	5.0	1	EPA 8260C Certifications:	02/03/2023 09:00	02/03/2023 19:53	FTR CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
108-90-7	Chlorobenzene	ND		ug/kg dry	2.5	5.0	1	EPA 8260C Certifications:	02/03/2023 09:00	02/03/2023 19:53	FTR CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
75-00-3	Chloroethane	ND		ug/kg dry	2.5	5.0	1	EPA 8260C Certifications:	02/03/2023 09:00	02/03/2023 19:53	FTR CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
67-66-3	Chloroform	ND		ug/kg dry	2.5	5.0	1	EPA 8260C Certifications:	02/03/2023 09:00	02/03/2023 19:53	FTR CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
74-87-3	Chloromethane	ND		ug/kg dry	2.5	5.0	1	EPA 8260C Certifications:	02/03/2023 09:00	02/03/2023 19:53	FTR CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
156-59-2	cis-1,2-Dichloroethylene	ND		ug/kg dry	2.5	5.0	1	EPA 8260C Certifications:	02/03/2023 09:00	02/03/2023 19:53	FTR CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/kg dry	2.5	5.0	1	EPA 8260C Certifications:	02/03/2023 09:00	02/03/2023 19:53	FTR CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
110-82-7	Cyclohexane	ND		ug/kg dry	2.5	5.0	1	EPA 8260C Certifications:	02/03/2023 09:00	02/03/2023 19:53	FTR NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
124-48-1	Dibromochloromethane	ND		ug/kg dry	2.5	5.0	1	EPA 8260C Certifications:	02/03/2023 09:00	02/03/2023 19:53	FTR NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
74-95-3	Dibromomethane	ND		ug/kg dry	2.5	5.0	1	EPA 8260C Certifications:	02/03/2023 09:00	02/03/2023 19:53	FTR NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
75-71-8	Dichlorodifluoromethane	ND		ug/kg dry	2.5	5.0	1	EPA 8260C Certifications:	02/03/2023 09:00	02/03/2023 19:53	FTR NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
100-41-4	Ethyl Benzene	ND		ug/kg dry	2.5	5.0	1	EPA 8260C Certifications:	02/03/2023 09:00	02/03/2023 19:53	FTR CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
87-68-3	Hexachlorobutadiene	ND		ug/kg dry	2.5	5.0	1	EPA 8260C Certifications:	02/03/2023 09:00	02/03/2023 19:53	FTR NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP

Sample Information

Client Sample ID: SB-1 (0-2 ft) **York Sample ID:** 23B0078-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23B0078	B 62nd Street	Soil	February 1, 2023 9:38 am	02/02/2023

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	2.5	5.0	1	EPA 8260C Certifications:	02/03/2023 09:00	02/03/2023 19:53	FTR CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
79-20-9	Methyl acetate	ND		ug/kg dry	2.5	5.0	1	EPA 8260C Certifications:	02/03/2023 09:00	02/03/2023 19:53	FTR NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/kg dry	2.5	5.0	1	EPA 8260C Certifications:	02/03/2023 09:00	02/03/2023 19:53	FTR CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
108-87-2	Methylcyclohexane	ND		ug/kg dry	2.5	5.0	1	EPA 8260C Certifications:	02/03/2023 09:00	02/03/2023 19:53	FTR NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
75-09-2	Methylene chloride	ND		ug/kg dry	5.0	10	1	EPA 8260C Certifications:	02/03/2023 09:00	02/03/2023 19:53	FTR CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
104-51-8	n-Butylbenzene	ND		ug/kg dry	2.5	5.0	1	EPA 8260C Certifications:	02/03/2023 09:00	02/03/2023 19:53	FTR CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
103-65-1	n-Propylbenzene	ND		ug/kg dry	2.5	5.0	1	EPA 8260C Certifications:	02/03/2023 09:00	02/03/2023 19:53	FTR CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
95-47-6	o-Xylene	ND		ug/kg dry	2.5	5.0	1	EPA 8260C Certifications:	02/03/2023 09:00	02/03/2023 19:53	FTR CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP
179601-23-1	p- & m- Xylenes	ND		ug/kg dry	5.0	10	1	EPA 8260C Certifications:	02/03/2023 09:00	02/03/2023 19:53	FTR CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP
99-87-6	p-Isopropyltoluene	ND		ug/kg dry	2.5	5.0	1	EPA 8260C Certifications:	02/03/2023 09:00	02/03/2023 19:53	FTR CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
135-98-8	sec-Butylbenzene	ND		ug/kg dry	2.5	5.0	1	EPA 8260C Certifications:	02/03/2023 09:00	02/03/2023 19:53	FTR CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
100-42-5	Styrene	ND		ug/kg dry	2.5	5.0	1	EPA 8260C Certifications:	02/03/2023 09:00	02/03/2023 19:53	FTR CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
75-65-0	tert-Butyl alcohol (TBA)	ND		ug/kg dry	2.5	5.0	1	EPA 8260C Certifications:	02/03/2023 09:00	02/03/2023 19:53	FTR NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
98-06-6	tert-Butylbenzene	ND		ug/kg dry	2.5	5.0	1	EPA 8260C Certifications:	02/03/2023 09:00	02/03/2023 19:53	FTR CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
127-18-4	Tetrachloroethylene	ND		ug/kg dry	2.5	5.0	1	EPA 8260C Certifications:	02/03/2023 09:00	02/03/2023 19:53	FTR CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
108-88-3	Toluene	ND		ug/kg dry	2.5	5.0	1	EPA 8260C Certifications:	02/03/2023 09:00	02/03/2023 19:53	FTR CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
156-60-5	trans-1,2-Dichloroethylene	ND		ug/kg dry	2.5	5.0	1	EPA 8260C Certifications:	02/03/2023 09:00	02/03/2023 19:53	FTR CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/kg dry	2.5	5.0	1	EPA 8260C Certifications:	02/03/2023 09:00	02/03/2023 19:53	FTR CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
110-57-6	* trans-1,4-dichloro-2-butene	ND		ug/kg dry	2.5	5.0	1	EPA 8260C Certifications:	02/03/2023 09:00	02/03/2023 19:53	FTR CTDOH-PH-0723
79-01-6	Trichloroethylene	ND		ug/kg dry	2.5	5.0	1	EPA 8260C Certifications:	02/03/2023 09:00	02/03/2023 19:53	FTR CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
75-69-4	Trichlorofluoromethane	ND		ug/kg dry	2.5	5.0	1	EPA 8260C Certifications:	02/03/2023 09:00	02/03/2023 19:53	FTR CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
75-01-4	Vinyl Chloride	ND		ug/kg dry	2.5	5.0	1	EPA 8260C Certifications:	02/03/2023 09:00	02/03/2023 19:53	FTR CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
1330-20-7	Xylenes, Total	ND		ug/kg dry	7.6	15	1	EPA 8260C Certifications:	02/03/2023 09:00	02/03/2023 19:53	FTR CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP

Surrogate Recoveries	Result	Acceptance Range

Sample Information

Client Sample ID: SB-1 (0-2 ft) **York Sample ID:** 23B0078-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23B0078	B 62nd Street	Soil	February 1, 2023 9:38 am	02/02/2023

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
17060-07-0	*Surrogate: SURR: 1,2-Dichloroethane-d4*	*100 %*			*77-125*						
2037-26-5	*Surrogate: SURR: Toluene-d8*	*92.8 %*			*85-120*						
460-00-4	*Surrogate: SURR: p-Bromofluorobenzene*	*107 %*			*76-130*						

Semi-Volatiles, 8270 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
92-52-4	1,1-Biphenyl	ND		ug/kg dry	45.6	90.9	2	EPA 8270D Certifications:	02/05/2023 09:49 NELAC-NY10854,NJDEP,PADEP	02/06/2023 21:22	KH
95-94-3	1,2,4,5-Tetrachlorobenzene	ND		ug/kg dry	90.9	182	2	EPA 8270D Certifications:	02/05/2023 09:49 NELAC-NY10854,NJDEP,PADEP	02/06/2023 21:22	KH
120-82-1	1,2,4-Trichlorobenzene	ND		ug/kg dry	45.6	90.9	2	EPA 8270D Certifications:	02/05/2023 09:49 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	02/06/2023 21:22	KH
95-50-1	1,2-Dichlorobenzene	ND		ug/kg dry	45.6	90.9	2	EPA 8270D Certifications:	02/05/2023 09:49 NELAC-NY10854,PADEP	02/06/2023 21:22	KH
122-66-7	1,2-Diphenylhydrazine (as Azobenzene)	ND		ug/kg dry	45.6	90.9	2	EPA 8270D Certifications:	02/05/2023 09:49 NELAC-NY10854,NJDEP,PADEP	02/06/2023 21:22	KH
541-73-1	1,3-Dichlorobenzene	ND		ug/kg dry	45.6	90.9	2	EPA 8270D Certifications:	02/05/2023 09:49 NELAC-NY10854,PADEP	02/06/2023 21:22	KH
106-46-7	1,4-Dichlorobenzene	ND		ug/kg dry	45.6	90.9	2	EPA 8270D Certifications:	02/05/2023 09:49 NELAC-NY10854,PADEP	02/06/2023 21:22	KH
58-90-2	2,3,4,6-Tetrachlorophenol	ND		ug/kg dry	90.9	182	2	EPA 8270D Certifications:	02/05/2023 09:49 NELAC-NY10854,NJDEP,PADEP	02/06/2023 21:22	KH
95-95-4	2,4,5-Trichlorophenol	ND		ug/kg dry	45.6	90.9	2	EPA 8270D Certifications:	02/05/2023 09:49 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	02/06/2023 21:22	KH
88-06-2	2,4,6-Trichlorophenol	ND		ug/kg dry	45.6	90.9	2	EPA 8270D Certifications:	02/05/2023 09:49 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	02/06/2023 21:22	KH
120-83-2	2,4-Dichlorophenol	ND		ug/kg dry	45.6	90.9	2	EPA 8270D Certifications:	02/05/2023 09:49 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	02/06/2023 21:22	KH
105-67-9	2,4-Dimethylphenol	ND		ug/kg dry	45.6	90.9	2	EPA 8270D Certifications:	02/05/2023 09:49 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	02/06/2023 21:22	KH
51-28-5	2,4-Dinitrophenol	ND	CAL-E	ug/kg dry	90.9	182	2	EPA 8270D Certifications:	02/05/2023 09:49 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	02/06/2023 21:22	KH
121-14-2	2,4-Dinitrotoluene	ND	CAL-E	ug/kg dry	45.6	90.9	2	EPA 8270D Certifications:	02/05/2023 09:49 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	02/06/2023 21:22	KH
606-20-2	2,6-Dinitrotoluene	ND	CAL-E	ug/kg dry	45.6	90.9	2	EPA 8270D Certifications:	02/05/2023 09:49 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	02/06/2023 21:22	KH
91-58-7	2-Chloronaphthalene	ND		ug/kg dry	45.6	90.9	2	EPA 8270D Certifications:	02/05/2023 09:49 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	02/06/2023 21:22	KH
95-57-8	2-Chlorophenol	ND		ug/kg dry	45.6	90.9	2	EPA 8270D Certifications:	02/05/2023 09:49 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	02/06/2023 21:22	KH
91-57-6	2-Methylnaphthalene	ND		ug/kg dry	45.6	90.9	2	EPA 8270D Certifications:	02/05/2023 09:49 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	02/06/2023 21:22	KH

Sample Information

Client Sample ID: SB-1 (0-2 ft) **York Sample ID:** 23B0078-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23B0078	B 62nd Street	Soil	February 1, 2023 9:38 am	02/02/2023

Semi-Volatiles, 8270 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
95-48-7	2-Methylphenol	ND		ug/kg dry	45.6	90.9	2	EPA 8270D Certifications:	02/05/2023 09:49 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	02/06/2023 21:22	KH
88-74-4	2-Nitroaniline	ND	CAL-E	ug/kg dry	90.9	182	2	EPA 8270D Certifications:	02/05/2023 09:49 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	02/06/2023 21:22	KH
88-75-5	2-Nitrophenol	ND		ug/kg dry	45.6	90.9	2	EPA 8270D Certifications:	02/05/2023 09:49 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	02/06/2023 21:22	KH
65794-96-9	3- & 4-Methylphenols	ND		ug/kg dry	45.6	90.9	2	EPA 8270D Certifications:	02/05/2023 09:49 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	02/06/2023 21:22	KH
91-94-1	3,3-Dichlorobenzidine	ND		ug/kg dry	45.6	90.9	2	EPA 8270D Certifications:	02/05/2023 09:49 NELAC-NY10854,NJDEP,PADEP	02/06/2023 21:22	KH
99-09-2	3-Nitroaniline	ND	CAL-E	ug/kg dry	90.9	182	2	EPA 8270D Certifications:	02/05/2023 09:49 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	02/06/2023 21:22	KH
534-52-1	4,6-Dinitro-2-methylphenol	ND	CAL-E	ug/kg dry	90.9	182	2	EPA 8270D Certifications:	02/05/2023 09:49 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	02/06/2023 21:22	KH
101-55-3	4-Bromophenyl phenyl ether	ND		ug/kg dry	45.6	90.9	2	EPA 8270D Certifications:	02/05/2023 09:49 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	02/06/2023 21:22	KH
59-50-7	4-Chloro-3-methylphenol	ND		ug/kg dry	45.6	90.9	2	EPA 8270D Certifications:	02/05/2023 09:49 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	02/06/2023 21:22	KH
106-47-8	4-Chloroaniline	ND		ug/kg dry	45.6	90.9	2	EPA 8270D Certifications:	02/05/2023 09:49 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	02/06/2023 21:22	KH
7005-72-3	4-Chlorophenyl phenyl ether	ND		ug/kg dry	45.6	90.9	2	EPA 8270D Certifications:	02/05/2023 09:49 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	02/06/2023 21:22	KH
100-01-6	4-Nitroaniline	ND		ug/kg dry	90.9	182	2	EPA 8270D Certifications:	02/05/2023 09:49 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	02/06/2023 21:22	KH
100-02-7	4-Nitrophenol	ND		ug/kg dry	90.9	182	2	EPA 8270D Certifications:	02/05/2023 09:49 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	02/06/2023 21:22	KH
83-32-9	Acenaphthene	ND		ug/kg dry	45.6	90.9	2	EPA 8270D Certifications:	02/05/2023 09:49 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	02/06/2023 21:22	KH
208-96-8	**Acenaphthylene**	**54.5**	J	ug/kg dry	45.6	90.9	2	EPA 8270D Certifications:	02/05/2023 09:49 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	02/06/2023 21:22	KH
98-86-2	Acetophenone	ND		ug/kg dry	45.6	90.9	2	EPA 8270D Certifications:	02/05/2023 09:49 NELAC-NY10854,NJDEP,PADEP	02/06/2023 21:22	KH
62-53-3	Aniline	ND		ug/kg dry	182	364	2	EPA 8270D Certifications:	02/05/2023 09:49 NELAC-NY10854,NJDEP,PADEP	02/06/2023 21:22	KH
120-12-7	**Anthracene**	**93.0**		ug/kg dry	45.6	90.9	2	EPA 8270D Certifications:	02/05/2023 09:49 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	02/06/2023 21:22	KH
1912-24-9	Atrazine	ND		ug/kg dry	45.6	90.9	2	EPA 8270D Certifications:	02/05/2023 09:49 NELAC-NY10854,NJDEP,PADEP	02/06/2023 21:22	KH
100-52-7	Benzaldehyde	ND		ug/kg dry	45.6	90.9	2	EPA 8270D Certifications:	02/05/2023 09:49 NELAC-NY10854,NJDEP,PADEP	02/06/2023 21:22	KH
92-87-5	Benzidine	ND	CCVE	ug/kg dry	182	364	2	EPA 8270D Certifications:	02/05/2023 09:49 CTDOH-PH-0723,NELAC-NY10854,PADEP	02/06/2023 21:22	KH
56-55-3	**Benzo(a)anthracene**	**350**		ug/kg dry	45.6	90.9	2	EPA 8270D Certifications:	02/05/2023 09:49 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	02/06/2023 21:22	KH
50-32-8	**Benzo(a)pyrene**	**310**		ug/kg dry	45.6	90.9	2	EPA 8270D Certifications:	02/05/2023 09:49 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	02/06/2023 21:22	KH

Sample Information

Client Sample ID: SB-1 (0-2 ft) **York Sample ID:** 23B0078-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23B0078	B 62nd Street	Soil	February 1, 2023 9:38 am	02/02/2023

Semi-Volatiles, 8270 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
205-99-2	**Benzo(b)fluoranthene**	**275**		ug/kg dry	45.6	90.9	2	EPA 8270D	02/05/2023 09:49	02/06/2023 21:22	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
191-24-2	**Benzo(g,h,i)perylene**	**225**		ug/kg dry	45.6	90.9	2	EPA 8270D	02/05/2023 09:49	02/06/2023 21:22	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
207-08-9	**Benzo(k)fluoranthene**	**275**		ug/kg dry	45.6	90.9	2	EPA 8270D	02/05/2023 09:49	02/06/2023 21:22	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
65-85-0	Benzoic acid	ND	CAL-E, CCVE	ug/kg dry	45.6	90.9	2	EPA 8270D	02/05/2023 09:49	02/06/2023 21:22	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
100-51-6	Benzyl alcohol	ND		ug/kg dry	45.6	90.9	2	EPA 8270D	02/05/2023 09:49	02/06/2023 21:22	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
85-68-7	Benzyl butyl phthalate	ND		ug/kg dry	45.6	90.9	2	EPA 8270D	02/05/2023 09:49	02/06/2023 21:22	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
111-91-1	Bis(2-chloroethoxy)methane	ND		ug/kg dry	45.6	90.9	2	EPA 8270D	02/05/2023 09:49	02/06/2023 21:22	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
111-44-4	Bis(2-chloroethyl)ether	ND		ug/kg dry	45.6	90.9	2	EPA 8270D	02/05/2023 09:49	02/06/2023 21:22	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
108-60-1	Bis(2-chloroisopropyl)ether	ND		ug/kg dry	45.6	90.9	2	EPA 8270D	02/05/2023 09:49	02/06/2023 21:22	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
117-81-7	**Bis(2-ethylhexyl)phthalate**	**60.3**	J	ug/kg dry	45.6	90.9	2	EPA 8270D	02/05/2023 09:49	02/06/2023 21:22	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
105-60-2	Caprolactam	ND		ug/kg dry	90.9	182	2	EPA 8270D	02/05/2023 09:49	02/06/2023 21:22	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
86-74-8	Carbazole	ND		ug/kg dry	45.6	90.9	2	EPA 8270D	02/05/2023 09:49	02/06/2023 21:22	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
218-01-9	**Chrysene**	**348**		ug/kg dry	45.6	90.9	2	EPA 8270D	02/05/2023 09:49	02/06/2023 21:22	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
53-70-3	**Dibenzo(a,h)anthracene**	**78.5**	J	ug/kg dry	45.6	90.9	2	EPA 8270D	02/05/2023 09:49	02/06/2023 21:22	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
132-64-9	Dibenzofuran	ND		ug/kg dry	45.6	90.9	2	EPA 8270D	02/05/2023 09:49	02/06/2023 21:22	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
84-66-2	Diethyl phthalate	ND		ug/kg dry	45.6	90.9	2	EPA 8270D	02/05/2023 09:49	02/06/2023 21:22	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
131-11-3	Dimethyl phthalate	ND		ug/kg dry	45.6	90.9	2	EPA 8270D	02/05/2023 09:49	02/06/2023 21:22	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
84-74-2	Di-n-butyl phthalate	ND		ug/kg dry	45.6	90.9	2	EPA 8270D	02/05/2023 09:49	02/06/2023 21:22	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
117-84-0	Di-n-octyl phthalate	ND		ug/kg dry	45.6	90.9	2	EPA 8270D	02/05/2023 09:49	02/06/2023 21:22	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
122-39-4	* Diphenylamine	ND		ug/kg dry	90.9	182	2	EPA 8270D	02/05/2023 09:49	02/06/2023 21:22	KH
								Certifications:			
206-44-0	**Fluoranthene**	**639**		ug/kg dry	45.6	90.9	2	EPA 8270D	02/05/2023 09:49	02/06/2023 21:22	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
86-73-7	Fluorene	ND		ug/kg dry	45.6	90.9	2	EPA 8270D	02/05/2023 09:49	02/06/2023 21:22	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
118-74-1	Hexachlorobenzene	ND		ug/kg dry	45.6	90.9	2	EPA 8270D	02/05/2023 09:49	02/06/2023 21:22	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		

Sample Information

Client Sample ID: SB-1 (0-2 ft) **York Sample ID:** 23B0078-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23B0078	B 62nd Street	Soil	February 1, 2023 9:38 am	02/02/2023

Semi-Volatiles, 8270 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
87-68-3	Hexachlorobutadiene	ND		ug/kg dry	45.6	90.9	2	EPA 8270D Certifications:	02/05/2023 09:49 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	02/06/2023 21:22	KH
77-47-4	Hexachlorocyclopentadiene	ND		ug/kg dry	45.6	90.9	2	EPA 8270D Certifications:	02/05/2023 09:49 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	02/06/2023 21:22	KH
67-72-1	Hexachloroethane	ND		ug/kg dry	45.6	90.9	2	EPA 8270D Certifications:	02/05/2023 09:49 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	02/06/2023 21:22	KH
193-39-5	**Indeno(1,2,3-cd)pyrene**	**192**		ug/kg dry	45.6	90.9	2	EPA 8270D Certifications:	02/05/2023 09:49 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	02/06/2023 21:22	KH
78-59-1	Isophorone	ND		ug/kg dry	45.6	90.9	2	EPA 8270D Certifications:	02/05/2023 09:49 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	02/06/2023 21:22	KH
91-20-3	Naphthalene	ND		ug/kg dry	45.6	90.9	2	EPA 8270D Certifications:	02/05/2023 09:49 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	02/06/2023 21:22	KH
98-95-3	Nitrobenzene	ND		ug/kg dry	45.6	90.9	2	EPA 8270D Certifications:	02/05/2023 09:49 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	02/06/2023 21:22	KH
62-75-9	N-Nitrosodimethylamine	ND		ug/kg dry	45.6	90.9	2	EPA 8270D Certifications:	02/05/2023 09:49 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	02/06/2023 21:22	KH
621-64-7	N-nitroso-di-n-propylamine	ND		ug/kg dry	45.6	90.9	2	EPA 8270D Certifications:	02/05/2023 09:49 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	02/06/2023 21:22	KH
86-30-6	N-Nitrosodiphenylamine	ND		ug/kg dry	45.6	90.9	2	EPA 8270D Certifications:	02/05/2023 09:49 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	02/06/2023 21:22	KH
87-86-5	Pentachlorophenol	ND		ug/kg dry	45.6	90.9	2	EPA 8270D Certifications:	02/05/2023 09:49 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	02/06/2023 21:22	KH
85-01-8	**Phenanthrene**	**335**		ug/kg dry	45.6	90.9	2	EPA 8270D Certifications:	02/05/2023 09:49 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	02/06/2023 21:22	KH
108-95-2	Phenol	ND		ug/kg dry	45.6	90.9	2	EPA 8270D Certifications:	02/05/2023 09:49 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	02/06/2023 21:22	KH
129-00-0	**Pyrene**	**642**		ug/kg dry	45.6	90.9	2	EPA 8270D Certifications:	02/05/2023 09:49 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	02/06/2023 21:22	KH

	Surrogate Recoveries	Result	Acceptance Range
367-12-4	*Surrogate: SURR: 2-Fluorophenol*	*67.7 %*	*20-108*
13127-88-3	*Surrogate: SURR: Phenol-d6*	*64.7 %*	*23-114*
4165-60-0	*Surrogate: SURR: Nitrobenzene-d5*	*83.9 %*	*22-108*
321-60-8	*Surrogate: SURR: 2-Fluorobiphenyl*	*69.4 %*	*21-113*
118-79-6	*Surrogate: SURR: 2,4,6-Tribromophenol*	*94.4 %*	*19-110*
1718-51-0	*Surrogate: SURR: Terphenyl-d14*	*83.6 %*	*24-116*

Pesticides, 8081 target list

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
72-54-8	4,4'-DDD	ND		ug/kg dry	1.76	5	EPA 8081B Certifications:	02/07/2023 07:57 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	02/10/2023 02:14	BJ-

Sample Information

Client Sample ID: SB-1 (0-2 ft) **York Sample ID:** 23B0078-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23B0078	B 62nd Street	Soil	February 1, 2023 9:38 am	02/02/2023

Pesticides, 8081 target list

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
72-55-9	**4,4'-DDE**	**3.09**		ug/kg dry	1.76	5	EPA 8081B	02/07/2023 07:57	02/10/2023 02:14	BJ-
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
50-29-3	**4,4'-DDT**	**5.74**		ug/kg dry	1.76	5	EPA 8081B	02/07/2023 07:57	02/10/2023 02:14	BJ-
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
309-00-2	Aldrin	ND		ug/kg dry	1.76	5	EPA 8081B	02/07/2023 07:57	02/10/2023 02:14	BJ-
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
319-84-6	alpha-BHC	ND		ug/kg dry	1.76	5	EPA 8081B	02/07/2023 07:57	02/10/2023 02:14	BJ-
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
319-85-7	beta-BHC	ND		ug/kg dry	1.76	5	EPA 8081B	02/07/2023 07:57	02/10/2023 02:14	BJ-
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
12789-03-6	**Chlordane, total**	**127**		ug/kg dry	35.3	5	EPA 8081B	02/07/2023 07:57	02/10/2023 02:14	BJ-
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
319-86-8	delta-BHC	ND		ug/kg dry	1.76	5	EPA 8081B	02/07/2023 07:57	02/10/2023 02:14	BJ-
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
60-57-1	**Dieldrin**	**3.73**		ug/kg dry	1.76	5	EPA 8081B	02/07/2023 07:57	02/10/2023 02:14	BJ-
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
959-98-8	Endosulfan I	ND		ug/kg dry	1.76	5	EPA 8081B	02/07/2023 07:57	02/10/2023 02:14	BJ-
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
33213-65-9	Endosulfan II	ND		ug/kg dry	1.76	5	EPA 8081B	02/07/2023 07:57	02/10/2023 02:14	BJ-
							Certifications:	CTDOH-PH-0723,NELAC-NY10854		
1031-07-8	Endosulfan sulfate	ND		ug/kg dry	1.76	5	EPA 8081B	02/07/2023 07:57	02/10/2023 02:14	BJ-
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
72-20-8	Endrin	ND		ug/kg dry	1.76	5	EPA 8081B	02/07/2023 07:57	02/10/2023 02:14	BJ-
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7421-93-4	Endrin aldehyde	ND		ug/kg dry	1.76	5	EPA 8081B	02/07/2023 07:57	02/10/2023 02:14	BJ-
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
53494-70-5	Endrin ketone	ND		ug/kg dry	1.76	5	EPA 8081B	02/07/2023 07:57	02/10/2023 02:14	BJ-
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
58-89-9	gamma-BHC (Lindane)	ND		ug/kg dry	1.76	5	EPA 8081B	02/07/2023 07:57	02/10/2023 02:14	BJ-
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
76-44-8	Heptachlor	ND		ug/kg dry	1.76	5	EPA 8081B	02/07/2023 07:57	02/10/2023 02:14	BJ-
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
1024-57-3	Heptachlor epoxide	ND		ug/kg dry	1.76	5	EPA 8081B	02/07/2023 07:57	02/10/2023 02:14	BJ-
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
72-43-5	Methoxychlor	ND		ug/kg dry	8.82	5	EPA 8081B	02/07/2023 07:57	02/10/2023 02:14	BJ-
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
8001-35-2	Toxaphene	ND		ug/kg dry	89.2	5	EPA 8081B	02/07/2023 07:57	02/10/2023 02:14	BJ-
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		

	Surrogate Recoveries	Result	Acceptance Range
2051-24-3	*Surrogate: Decachlorobiphenyl*	*115 %*	*30-150*
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*76.3 %*	*30-150*

Polychlorinated Biphenyls (PCB)

Log-in Notes:

Sample Notes:

Sample Information

Client Sample ID: SB-1 (0-2 ft) **York Sample ID:** 23B0078-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23B0078	B 62nd Street	Soil	February 1, 2023 9:38 am	02/02/2023

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
12674-11-2	Aroclor 1016	ND		mg/kg dry	0.0178	1	EPA 8082A	02/07/2023 07:57	02/10/2023 00:36	BJ
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP,PADEP		
11104-28-2	Aroclor 1221	ND		mg/kg dry	0.0178	1	EPA 8082A	02/07/2023 07:57	02/10/2023 00:36	BJ
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP,PADEP		
11141-16-5	Aroclor 1232	ND		mg/kg dry	0.0178	1	EPA 8082A	02/07/2023 07:57	02/10/2023 00:36	BJ
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP,PADEP		
53469-21-9	Aroclor 1242	ND		mg/kg dry	0.0178	1	EPA 8082A	02/07/2023 07:57	02/10/2023 00:36	BJ
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP,PADEP		
12672-29-6	Aroclor 1248	ND		mg/kg dry	0.0178	1	EPA 8082A	02/07/2023 07:57	02/10/2023 00:36	BJ
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP,PADEP		
11097-69-1	Aroclor 1254	ND		mg/kg dry	0.0178	1	EPA 8082A	02/07/2023 07:57	02/10/2023 00:36	BJ
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP,PADEP		
11096-82-5	Aroclor 1260	ND		mg/kg dry	0.0178	1	EPA 8082A	02/07/2023 07:57	02/10/2023 00:36	BJ
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP,PADEP		
1336-36-3	* Total PCBs	ND		mg/kg dry	0.0178	1	EPA 8082A	02/07/2023 07:57	02/10/2023 00:36	BJ
							Certifications:			

	Surrogate Recoveries	Result	Acceptance Range
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*88.0 %*	*30-140*
2051-24-3	*Surrogate: Decachlorobiphenyl*	*112 %*	*30-140*

Metals, Target Analyte

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7429-90-5	**Aluminum**	**4720**		mg/kg dry	4.56	1	EPA 6010D	02/09/2023 08:50	02/10/2023 15:42	CW
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7440-36-0	Antimony	ND	M-CCV 1	mg/kg dry	2.28	1	EPA 6010D	02/09/2023 08:50	02/10/2023 15:42	CW
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7440-38-2	**Arsenic**	**3.75**		mg/kg dry	1.37	1	EPA 6010D	02/09/2023 08:50	02/10/2023 15:42	CW
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7440-39-3	**Barium**	**105**		mg/kg dry	2.27	1	EPA 6010D	02/09/2023 08:50	02/10/2023 15:42	CW
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7440-41-7	**Beryllium**	**0.323**		mg/kg dry	0.046	1	EPA 6010D	02/09/2023 08:50	02/10/2023 15:42	CW
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7440-43-9	Cadmium	ND		mg/kg dry	0.273	1	EPA 6010D	02/09/2023 08:50	02/10/2023 15:42	CW
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7440-70-2	**Calcium**	**7100**		mg/kg dry	4.56	1	EPA 6010D	02/09/2023 08:50	02/10/2023 15:42	CW
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7440-47-3	**Chromium**	**10.8**		mg/kg dry	0.456	1	EPA 6010D	02/09/2023 08:50	02/10/2023 15:42	CW
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7440-48-4	**Cobalt**	**3.34**		mg/kg dry	0.364	1	EPA 6010D	02/09/2023 08:50	02/10/2023 15:42	CW
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7440-50-8	**Copper**	**32.2**		mg/kg dry	1.82	1	EPA 6010D	02/09/2023 08:50	02/10/2023 15:42	CW
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		

Sample Information

Client Sample ID: SB-1 (0-2 ft) **York Sample ID:** 23B0078-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23B0078	B 62nd Street	Soil	February 1, 2023 9:38 am	02/02/2023

Metals, Target Analyte

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-89-6	**Iron**	**9450**		mg/kg dry	22.8	1	EPA 6010D	02/09/2023 08:50	02/10/2023 15:42	CW
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7439-92-1	**Lead**	**413**		mg/kg dry	0.456	1	EPA 6010D	02/09/2023 08:50	02/10/2023 15:42	CW
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7439-95-4	**Magnesium**	**3820**		mg/kg dry	4.56	1	EPA 6010D	02/09/2023 08:50	02/10/2023 15:42	CW
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7439-96-5	**Manganese**	**97.2**		mg/kg dry	0.456	1	EPA 6010D	02/09/2023 08:50	02/10/2023 15:42	CW
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7440-02-0	**Nickel**	**8.97**		mg/kg dry	0.908	1	EPA 6010D	02/09/2023 08:50	02/10/2023 15:42	CW
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7440-09-7	**Potassium**	**437**	B	mg/kg dry	4.56	1	EPA 6010D	02/09/2023 08:50	02/10/2023 15:42	CW
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7782-49-2	Selenium	ND		mg/kg dry	2.28	1	EPA 6010D	02/09/2023 08:50	02/10/2023 15:42	CW
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7440-22-4	Silver	ND		mg/kg dry	0.459	1	EPA 6010D	02/09/2023 08:50	02/10/2023 15:42	CW
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7440-23-5	**Sodium**	**60.6**		mg/kg dry	45.6	1	EPA 6010D	02/09/2023 08:50	02/10/2023 15:42	CW
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7440-28-0	Thallium	ND		mg/kg dry	2.28	1	EPA 6010D	02/09/2023 08:50	02/10/2023 15:42	CW
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7440-62-2	**Vanadium**	**15.3**		mg/kg dry	0.908	1	EPA 6010D	02/09/2023 08:50	02/10/2023 15:42	CW
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7440-66-6	**Zinc**	**142**		mg/kg dry	2.27	1	EPA 6010D	02/09/2023 08:50	02/10/2023 15:42	CW
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		

Mercury by 7473

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 7473 soil

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	**Mercury**	**0.195**		mg/kg dry	0.0328	1	EPA 7473	02/03/2023 12:35	02/04/2023 16:46	BML
							Certifications:	CTDOH-PH-0723,NJDEP,NELAC-NY10854,PADEP		

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**	**91.4**		%	0.100	1	SM 2540G	02/06/2023 16:04	02/07/2023 09:09	S_S
							Certifications:	CTDOH-PH-0723		

Sample Information

Client Sample ID: SB-1 (3-5 ft) **York Sample ID:** 23B0078-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23B0078	B 62nd Street	Soil	February 1, 2023 9:42 am	02/02/2023

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	2.4	4.7	1	EPA 8260C Certifications:	02/03/2023 09:00	02/03/2023 20:20 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	FTR
71-55-6	1,1,1-Trichloroethane	ND		ug/kg dry	2.4	4.7	1	EPA 8260C Certifications:	02/03/2023 09:00	02/03/2023 20:20 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	FTR
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/kg dry	2.4	4.7	1	EPA 8260C Certifications:	02/03/2023 09:00	02/03/2023 20:20 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	FTR
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/kg dry	2.4	4.7	1	EPA 8260C Certifications:	02/03/2023 09:00	02/03/2023 20:20 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP	FTR
79-00-5	1,1,2-Trichloroethane	ND		ug/kg dry	2.4	4.7	1	EPA 8260C Certifications:	02/03/2023 09:00	02/03/2023 20:20 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	FTR
75-34-3	1,1-Dichloroethane	ND		ug/kg dry	2.4	4.7	1	EPA 8260C Certifications:	02/03/2023 09:00	02/03/2023 20:20 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	FTR
75-35-4	1,1-Dichloroethylene	ND		ug/kg dry	2.4	4.7	1	EPA 8260C Certifications:	02/03/2023 09:00	02/03/2023 20:20 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	FTR
87-61-6	1,2,3-Trichlorobenzene	ND		ug/kg dry	2.4	4.7	1	EPA 8260C Certifications:	02/03/2023 09:00	02/03/2023 20:20 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	FTR
96-18-4	1,2,3-Trichloropropane	ND		ug/kg dry	2.4	4.7	1	EPA 8260C Certifications:	02/03/2023 09:00	02/03/2023 20:20 NELAC-NY10854,NELAC-NY12058,NJDEP	FTR
120-82-1	1,2,4-Trichlorobenzene	ND		ug/kg dry	2.4	4.7	1	EPA 8260C Certifications:	02/03/2023 09:00	02/03/2023 20:20 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	FTR
95-63-6	1,2,4-Trimethylbenzene	ND		ug/kg dry	2.4	4.7	1	EPA 8260C Certifications:	02/03/2023 09:00	02/03/2023 20:20 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	FTR
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/kg dry	2.4	4.7	1	EPA 8260C Certifications:	02/03/2023 09:00	02/03/2023 20:20 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	FTR
106-93-4	1,2-Dibromoethane	ND		ug/kg dry	2.4	4.7	1	EPA 8260C Certifications:	02/03/2023 09:00	02/03/2023 20:20 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	FTR
95-50-1	1,2-Dichlorobenzene	ND		ug/kg dry	2.4	4.7	1	EPA 8260C Certifications:	02/03/2023 09:00	02/03/2023 20:20 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	FTR
107-06-2	1,2-Dichloroethane	ND		ug/kg dry	2.4	4.7	1	EPA 8260C Certifications:	02/03/2023 09:00	02/03/2023 20:20 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	FTR
78-87-5	1,2-Dichloropropane	ND		ug/kg dry	2.4	4.7	1	EPA 8260C Certifications:	02/03/2023 09:00	02/03/2023 20:20 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	FTR
108-67-8	1,3,5-Trimethylbenzene	ND		ug/kg dry	2.4	4.7	1	EPA 8260C Certifications:	02/03/2023 09:00	02/03/2023 20:20 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	FTR
541-73-1	1,3-Dichlorobenzene	ND		ug/kg dry	2.4	4.7	1	EPA 8260C Certifications:	02/03/2023 09:00	02/03/2023 20:20 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	FTR
106-46-7	1,4-Dichlorobenzene	ND		ug/kg dry	2.4	4.7	1	EPA 8260C Certifications:	02/03/2023 09:00	02/03/2023 20:20 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	FTR
123-91-1	1,4-Dioxane	ND		ug/kg dry	47	94	1	EPA 8260C Certifications:	02/03/2023 09:00	02/03/2023 20:20 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	FTR
78-93-3	2-Butanone	ND		ug/kg dry	2.4	4.7	1	EPA 8260C Certifications:	02/03/2023 09:00	02/03/2023 20:20 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	FTR
591-78-6	2-Hexanone	ND		ug/kg dry	2.4	4.7	1	EPA 8260C Certifications:	02/03/2023 09:00	02/03/2023 20:20 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	FTR
108-10-1	4-Methyl-2-pentanone	ND		ug/kg dry	2.4	4.7	1	EPA 8260C Certifications:	02/03/2023 09:00	02/03/2023 20:20 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	FTR

Sample Information

Client Sample ID: SB-1 (3-5 ft) **York Sample ID:** 23B0078-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23B0078	B 62nd Street	Soil	February 1, 2023 9:42 am	02/02/2023

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
67-64-1	Acetone	ND		ug/kg dry	4.7	9.4	1	EPA 8260C Certifications:	02/03/2023 09:00	02/03/2023 20:20	FTR CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
107-02-8	Acrolein	ND		ug/kg dry	4.7	9.4	1	EPA 8260C Certifications:	02/03/2023 09:00	02/03/2023 20:20	FTR CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
107-13-1	Acrylonitrile	ND		ug/kg dry	2.4	4.7	1	EPA 8260C Certifications:	02/03/2023 09:00	02/03/2023 20:20	FTR CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
71-43-2	Benzene	ND		ug/kg dry	2.4	4.7	1	EPA 8260C Certifications:	02/03/2023 09:00	02/03/2023 20:20	FTR CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
74-97-5	Bromochloromethane	ND		ug/kg dry	2.4	4.7	1	EPA 8260C Certifications:	02/03/2023 09:00	02/03/2023 20:20	FTR NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
75-27-4	Bromodichloromethane	ND		ug/kg dry	2.4	4.7	1	EPA 8260C Certifications:	02/03/2023 09:00	02/03/2023 20:20	FTR CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
75-25-2	Bromoform	ND		ug/kg dry	2.4	4.7	1	EPA 8260C Certifications:	02/03/2023 09:00	02/03/2023 20:20	FTR CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
74-83-9	Bromomethane	ND		ug/kg dry	2.4	4.7	1	EPA 8260C Certifications:	02/03/2023 09:00	02/03/2023 20:20	FTR CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
75-15-0	Carbon disulfide	ND		ug/kg dry	2.4	4.7	1	EPA 8260C Certifications:	02/03/2023 09:00	02/03/2023 20:20	FTR CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
56-23-5	Carbon tetrachloride	ND		ug/kg dry	2.4	4.7	1	EPA 8260C Certifications:	02/03/2023 09:00	02/03/2023 20:20	FTR CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
108-90-7	Chlorobenzene	ND		ug/kg dry	2.4	4.7	1	EPA 8260C Certifications:	02/03/2023 09:00	02/03/2023 20:20	FTR CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
75-00-3	Chloroethane	ND		ug/kg dry	2.4	4.7	1	EPA 8260C Certifications:	02/03/2023 09:00	02/03/2023 20:20	FTR CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
67-66-3	Chloroform	ND		ug/kg dry	2.4	4.7	1	EPA 8260C Certifications:	02/03/2023 09:00	02/03/2023 20:20	FTR CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
74-87-3	Chloromethane	ND		ug/kg dry	2.4	4.7	1	EPA 8260C Certifications:	02/03/2023 09:00	02/03/2023 20:20	FTR CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
156-59-2	cis-1,2-Dichloroethylene	ND		ug/kg dry	2.4	4.7	1	EPA 8260C Certifications:	02/03/2023 09:00	02/03/2023 20:20	FTR CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/kg dry	2.4	4.7	1	EPA 8260C Certifications:	02/03/2023 09:00	02/03/2023 20:20	FTR CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
110-82-7	Cyclohexane	ND		ug/kg dry	2.4	4.7	1	EPA 8260C Certifications:	02/03/2023 09:00	02/03/2023 20:20	FTR NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
124-48-1	Dibromochloromethane	ND		ug/kg dry	2.4	4.7	1	EPA 8260C Certifications:	02/03/2023 09:00	02/03/2023 20:20	FTR NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
74-95-3	Dibromomethane	ND		ug/kg dry	2.4	4.7	1	EPA 8260C Certifications:	02/03/2023 09:00	02/03/2023 20:20	FTR NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
75-71-8	Dichlorodifluoromethane	ND		ug/kg dry	2.4	4.7	1	EPA 8260C Certifications:	02/03/2023 09:00	02/03/2023 20:20	FTR NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
100-41-4	Ethyl Benzene	ND		ug/kg dry	2.4	4.7	1	EPA 8260C Certifications:	02/03/2023 09:00	02/03/2023 20:20	FTR CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
87-68-3	Hexachlorobutadiene	ND		ug/kg dry	2.4	4.7	1	EPA 8260C Certifications:	02/03/2023 09:00	02/03/2023 20:20	FTR NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
98-82-8	Isopropylbenzene	ND		ug/kg dry	2.4	4.7	1	EPA 8260C Certifications:	02/03/2023 09:00	02/03/2023 20:20	FTR CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI

Sample Information

Client Sample ID: SB-1 (3-5 ft) **York Sample ID:** 23B0078-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23B0078	B 62nd Street	Soil	February 1, 2023 9:42 am	02/02/2023

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
79-20-9	Methyl acetate	ND		ug/kg dry	2.4	4.7	1	EPA 8260C Certifications:	02/03/2023 09:00 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	02/03/2023 20:20	FTR
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/kg dry	2.4	4.7	1	EPA 8260C Certifications:	02/03/2023 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	02/03/2023 20:20	FTR
108-87-2	Methylcyclohexane	ND		ug/kg dry	2.4	4.7	1	EPA 8260C Certifications:	02/03/2023 09:00 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	02/03/2023 20:20	FTR
75-09-2	Methylene chloride	ND		ug/kg dry	4.7	9.4	1	EPA 8260C Certifications:	02/03/2023 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	02/03/2023 20:20	FTR
104-51-8	n-Butylbenzene	ND		ug/kg dry	2.4	4.7	1	EPA 8260C Certifications:	02/03/2023 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	02/03/2023 20:20	FTR
103-65-1	n-Propylbenzene	ND		ug/kg dry	2.4	4.7	1	EPA 8260C Certifications:	02/03/2023 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	02/03/2023 20:20	FTR
95-47-6	o-Xylene	ND		ug/kg dry	2.4	4.7	1	EPA 8260C Certifications:	02/03/2023 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP	02/03/2023 20:20	FTR
179601-23-1	p- & m- Xylenes	ND		ug/kg dry	4.7	9.4	1	EPA 8260C Certifications:	02/03/2023 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP	02/03/2023 20:20	FTR
99-87-6	p-Isopropyltoluene	ND		ug/kg dry	2.4	4.7	1	EPA 8260C Certifications:	02/03/2023 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	02/03/2023 20:20	FTR
135-98-8	sec-Butylbenzene	ND		ug/kg dry	2.4	4.7	1	EPA 8260C Certifications:	02/03/2023 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	02/03/2023 20:20	FTR
100-42-5	Styrene	ND		ug/kg dry	2.4	4.7	1	EPA 8260C Certifications:	02/03/2023 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	02/03/2023 20:20	FTR
75-65-0	tert-Butyl alcohol (TBA)	ND		ug/kg dry	2.4	4.7	1	EPA 8260C Certifications:	02/03/2023 09:00 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	02/03/2023 20:20	FTR
98-06-6	tert-Butylbenzene	ND		ug/kg dry	2.4	4.7	1	EPA 8260C Certifications:	02/03/2023 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	02/03/2023 20:20	FTR
127-18-4	Tetrachloroethylene	ND		ug/kg dry	2.4	4.7	1	EPA 8260C Certifications:	02/03/2023 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	02/03/2023 20:20	FTR
108-88-3	Toluene	ND		ug/kg dry	2.4	4.7	1	EPA 8260C Certifications:	02/03/2023 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	02/03/2023 20:20	FTR
156-60-5	trans-1,2-Dichloroethylene	ND		ug/kg dry	2.4	4.7	1	EPA 8260C Certifications:	02/03/2023 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	02/03/2023 20:20	FTR
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/kg dry	2.4	4.7	1	EPA 8260C Certifications:	02/03/2023 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	02/03/2023 20:20	FTR
110-57-6	* trans-1,4-dichloro-2-butene	ND		ug/kg dry	2.4	4.7	1	EPA 8260C Certifications:	02/03/2023 09:00 CTDOH-PH-0723	02/03/2023 20:20	FTR
79-01-6	Trichloroethylene	ND		ug/kg dry	2.4	4.7	1	EPA 8260C Certifications:	02/03/2023 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	02/03/2023 20:20	FTR
75-69-4	Trichlorofluoromethane	ND		ug/kg dry	2.4	4.7	1	EPA 8260C Certifications:	02/03/2023 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	02/03/2023 20:20	FTR
75-01-4	Vinyl Chloride	ND		ug/kg dry	2.4	4.7	1	EPA 8260C Certifications:	02/03/2023 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	02/03/2023 20:20	FTR
1330-20-7	Xylenes, Total	ND		ug/kg dry	7.1	14	1	EPA 8260C Certifications:	02/03/2023 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP	02/03/2023 20:20	FTR

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: SURR: 1,2-Dichloroethane-d4*	*99.2 %*	*77-125*

Sample Information

Client Sample ID: SB-1 (3-5 ft) **York Sample ID:** 23B0078-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23B0078	B 62nd Street	Soil	February 1, 2023 9:42 am	02/02/2023

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
2037-26-5	*Surrogate: SURR: Toluene-d8*	*92.6 %*			*85-120*						
460-00-4	*Surrogate: SURR: p-Bromofluorobenzene*	*111 %*			*76-130*						

Semi-Volatiles, 8270 - Comprehensive

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

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
92-52-4	1,1-Biphenyl	ND		ug/kg dry	239	477	10	EPA 8270D Certifications:	02/05/2023 09:49 NELAC-NY10854,NJDEP,PADEP	02/06/2023 21:54	KH
95-94-3	1,2,4,5-Tetrachlorobenzene	ND		ug/kg dry	477	953	10	EPA 8270D Certifications:	02/05/2023 09:49 NELAC-NY10854,NJDEP,PADEP	02/06/2023 21:54	KH
120-82-1	1,2,4-Trichlorobenzene	ND		ug/kg dry	239	477	10	EPA 8270D Certifications:	02/05/2023 09:49 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	02/06/2023 21:54	KH
95-50-1	1,2-Dichlorobenzene	ND		ug/kg dry	239	477	10	EPA 8270D Certifications:	02/05/2023 09:49 NELAC-NY10854,PADEP	02/06/2023 21:54	KH
122-66-7	1,2-Diphenylhydrazine (as Azobenzene)	ND		ug/kg dry	239	477	10	EPA 8270D Certifications:	02/05/2023 09:49 NELAC-NY10854,NJDEP,PADEP	02/06/2023 21:54	KH
541-73-1	1,3-Dichlorobenzene	ND		ug/kg dry	239	477	10	EPA 8270D Certifications:	02/05/2023 09:49 NELAC-NY10854,PADEP	02/06/2023 21:54	KH
106-46-7	1,4-Dichlorobenzene	ND		ug/kg dry	239	477	10	EPA 8270D Certifications:	02/05/2023 09:49 NELAC-NY10854,PADEP	02/06/2023 21:54	KH
58-90-2	2,3,4,6-Tetrachlorophenol	ND		ug/kg dry	477	953	10	EPA 8270D Certifications:	02/05/2023 09:49 NELAC-NY10854,NJDEP,PADEP	02/06/2023 21:54	KH
95-95-4	2,4,5-Trichlorophenol	ND		ug/kg dry	239	477	10	EPA 8270D Certifications:	02/05/2023 09:49 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	02/06/2023 21:54	KH
88-06-2	2,4,6-Trichlorophenol	ND		ug/kg dry	239	477	10	EPA 8270D Certifications:	02/05/2023 09:49 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	02/06/2023 21:54	KH
120-83-2	2,4-Dichlorophenol	ND		ug/kg dry	239	477	10	EPA 8270D Certifications:	02/05/2023 09:49 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	02/06/2023 21:54	KH
105-67-9	2,4-Dimethylphenol	ND		ug/kg dry	239	477	10	EPA 8270D Certifications:	02/05/2023 09:49 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	02/06/2023 21:54	KH
51-28-5	2,4-Dinitrophenol	ND	CAL-E	ug/kg dry	477	953	10	EPA 8270D Certifications:	02/05/2023 09:49 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	02/06/2023 21:54	KH
121-14-2	2,4-Dinitrotoluene	ND	CAL-E	ug/kg dry	239	477	10	EPA 8270D Certifications:	02/05/2023 09:49 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	02/06/2023 21:54	KH
606-20-2	2,6-Dinitrotoluene	ND	CAL-E	ug/kg dry	239	477	10	EPA 8270D Certifications:	02/05/2023 09:49 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	02/06/2023 21:54	KH
91-58-7	2-Chloronaphthalene	ND		ug/kg dry	239	477	10	EPA 8270D Certifications:	02/05/2023 09:49 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	02/06/2023 21:54	KH
95-57-8	2-Chlorophenol	ND		ug/kg dry	239	477	10	EPA 8270D Certifications:	02/05/2023 09:49 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	02/06/2023 21:54	KH
91-57-6	2-Methylnaphthalene	ND		ug/kg dry	239	477	10	EPA 8270D Certifications:	02/05/2023 09:49 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	02/06/2023 21:54	KH
95-48-7	2-Methylphenol	ND		ug/kg dry	239	477	10	EPA 8270D Certifications:	02/05/2023 09:49 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	02/06/2023 21:54	KH

Sample Information

Client Sample ID: SB-1 (3-5 ft) **York Sample ID:** 23B0078-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23B0078	B 62nd Street	Soil	February 1, 2023 9:42 am	02/02/2023

Semi-Volatiles, 8270 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
88-74-4	2-Nitroaniline	ND	CAL-E	ug/kg dry	477	953	10	EPA 8270D Certifications:	02/05/2023 09:49	02/06/2023 21:54 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	KH
88-75-5	2-Nitrophenol	ND		ug/kg dry	239	477	10	EPA 8270D Certifications:	02/05/2023 09:49	02/06/2023 21:54 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	KH
65794-96-9	3- & 4-Methylphenols	ND		ug/kg dry	239	477	10	EPA 8270D Certifications:	02/05/2023 09:49	02/06/2023 21:54 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	KH
91-94-1	3,3-Dichlorobenzidine	ND		ug/kg dry	239	477	10	EPA 8270D Certifications:	02/05/2023 09:49	02/06/2023 21:54 NELAC-NY10854,NJDEP,PADEP	KH
99-09-2	3-Nitroaniline	ND	CAL-E	ug/kg dry	477	953	10	EPA 8270D Certifications:	02/05/2023 09:49	02/06/2023 21:54 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	KH
534-52-1	4,6-Dinitro-2-methylphenol	ND	CAL-E	ug/kg dry	477	953	10	EPA 8270D Certifications:	02/05/2023 09:49	02/06/2023 21:54 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	KH
101-55-3	4-Bromophenyl phenyl ether	ND		ug/kg dry	239	477	10	EPA 8270D Certifications:	02/05/2023 09:49	02/06/2023 21:54 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	KH
59-50-7	4-Chloro-3-methylphenol	ND		ug/kg dry	239	477	10	EPA 8270D Certifications:	02/05/2023 09:49	02/06/2023 21:54 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	KH
106-47-8	4-Chloroaniline	ND		ug/kg dry	239	477	10	EPA 8270D Certifications:	02/05/2023 09:49	02/06/2023 21:54 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	KH
7005-72-3	4-Chlorophenyl phenyl ether	ND		ug/kg dry	239	477	10	EPA 8270D Certifications:	02/05/2023 09:49	02/06/2023 21:54 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	KH
100-01-6	4-Nitroaniline	ND		ug/kg dry	477	953	10	EPA 8270D Certifications:	02/05/2023 09:49	02/06/2023 21:54 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	KH
100-02-7	4-Nitrophenol	ND		ug/kg dry	477	953	10	EPA 8270D Certifications:	02/05/2023 09:49	02/06/2023 21:54 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	KH
83-32-9	Acenaphthene	ND		ug/kg dry	239	477	10	EPA 8270D Certifications:	02/05/2023 09:49	02/06/2023 21:54 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	KH
208-96-8	Acenaphthylene	ND		ug/kg dry	239	477	10	EPA 8270D Certifications:	02/05/2023 09:49	02/06/2023 21:54 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	KH
98-86-2	Acetophenone	ND		ug/kg dry	239	477	10	EPA 8270D Certifications:	02/05/2023 09:49	02/06/2023 21:54 NELAC-NY10854,NJDEP,PADEP	KH
62-53-3	Aniline	ND		ug/kg dry	956	1910	10	EPA 8270D Certifications:	02/05/2023 09:49	02/06/2023 21:54 NELAC-NY10854,NJDEP,PADEP	KH
120-12-7	Anthracene	ND		ug/kg dry	239	477	10	EPA 8270D Certifications:	02/05/2023 09:49	02/06/2023 21:54 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	KH
1912-24-9	Atrazine	ND		ug/kg dry	239	477	10	EPA 8270D Certifications:	02/05/2023 09:49	02/06/2023 21:54 NELAC-NY10854,NJDEP,PADEP	KH
100-52-7	Benzaldehyde	ND		ug/kg dry	239	477	10	EPA 8270D Certifications:	02/05/2023 09:49	02/06/2023 21:54 NELAC-NY10854,NJDEP,PADEP	KH
92-87-5	Benzidine	ND	CCVE	ug/kg dry	956	1910	10	EPA 8270D Certifications:	02/05/2023 09:49	02/06/2023 21:54 CTDOH-PH-0723,NELAC-NY10854,PADEP	KH
56-55-3	Benzo(a)anthracene	ND		ug/kg dry	239	477	10	EPA 8270D Certifications:	02/05/2023 09:49	02/06/2023 21:54 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	KH
50-32-8	Benzo(a)pyrene	ND		ug/kg dry	239	477	10	EPA 8270D Certifications:	02/05/2023 09:49	02/06/2023 21:54 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	KH
205-99-2	Benzo(b)fluoranthene	ND		ug/kg dry	239	477	10	EPA 8270D Certifications:	02/05/2023 09:49	02/06/2023 21:54 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	KH

Sample Information

Client Sample ID: SB-1 (3-5 ft) **York Sample ID:** 23B0078-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23B0078	B 62nd Street	Soil	February 1, 2023 9:42 am	02/02/2023

Semi-Volatiles, 8270 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
191-24-2	Benzo(g,h,i)perylene	ND		ug/kg dry	239	477	10	EPA 8270D Certifications:	02/05/2023 09:49 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	02/06/2023 21:54	KH
207-08-9	Benzo(k)fluoranthene	ND		ug/kg dry	239	477	10	EPA 8270D Certifications:	02/05/2023 09:49 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	02/06/2023 21:54	KH
65-85-0	Benzoic acid	ND	CAL-E, CCVE	ug/kg dry	239	477	10	EPA 8270D Certifications:	02/05/2023 09:49 NELAC-NY10854,NJDEP,PADEP	02/06/2023 21:54	KH
100-51-6	Benzyl alcohol	ND		ug/kg dry	239	477	10	EPA 8270D Certifications:	02/05/2023 09:49 NELAC-NY10854,NJDEP,PADEP	02/06/2023 21:54	KH
85-68-7	Benzyl butyl phthalate	ND		ug/kg dry	239	477	10	EPA 8270D Certifications:	02/05/2023 09:49 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	02/06/2023 21:54	KH
111-91-1	Bis(2-chloroethoxy)methane	ND		ug/kg dry	239	477	10	EPA 8270D Certifications:	02/05/2023 09:49 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	02/06/2023 21:54	KH
111-44-4	Bis(2-chloroethyl)ether	ND		ug/kg dry	239	477	10	EPA 8270D Certifications:	02/05/2023 09:49 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	02/06/2023 21:54	KH
108-60-1	Bis(2-chloroisopropyl)ether	ND		ug/kg dry	239	477	10	EPA 8270D Certifications:	02/05/2023 09:49 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	02/06/2023 21:54	KH
117-81-7	Bis(2-ethylhexyl)phthalate	ND		ug/kg dry	239	477	10	EPA 8270D Certifications:	02/05/2023 09:49 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	02/06/2023 21:54	KH
105-60-2	Caprolactam	ND		ug/kg dry	477	953	10	EPA 8270D Certifications:	02/05/2023 09:49 NELAC-NY10854,NJDEP,PADEP	02/06/2023 21:54	KH
86-74-8	Carbazole	ND		ug/kg dry	239	477	10	EPA 8270D Certifications:	02/05/2023 09:49 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	02/06/2023 21:54	KH
218-01-9	Chrysene	ND		ug/kg dry	239	477	10	EPA 8270D Certifications:	02/05/2023 09:49 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	02/06/2023 21:54	KH
53-70-3	Dibenzo(a,h)anthracene	ND		ug/kg dry	239	477	10	EPA 8270D Certifications:	02/05/2023 09:49 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	02/06/2023 21:54	KH
132-64-9	Dibenzofuran	ND		ug/kg dry	239	477	10	EPA 8270D Certifications:	02/05/2023 09:49 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	02/06/2023 21:54	KH
84-66-2	Diethyl phthalate	ND		ug/kg dry	239	477	10	EPA 8270D Certifications:	02/05/2023 09:49 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	02/06/2023 21:54	KH
131-11-3	Dimethyl phthalate	ND		ug/kg dry	239	477	10	EPA 8270D Certifications:	02/05/2023 09:49 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	02/06/2023 21:54	KH
84-74-2	Di-n-butyl phthalate	ND		ug/kg dry	239	477	10	EPA 8270D Certifications:	02/05/2023 09:49 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	02/06/2023 21:54	KH
117-84-0	Di-n-octyl phthalate	ND		ug/kg dry	239	477	10	EPA 8270D Certifications:	02/05/2023 09:49 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	02/06/2023 21:54	KH
122-39-4	* Diphenylamine	ND		ug/kg dry	477	953	10	EPA 8270D Certifications:	02/05/2023 09:49	02/06/2023 21:54	KH
206-44-0	**Fluoranthene**	**286**	J	ug/kg dry	239	477	10	EPA 8270D Certifications:	02/05/2023 09:49 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	02/06/2023 21:54	KH
86-73-7	Fluorene	ND		ug/kg dry	239	477	10	EPA 8270D Certifications:	02/05/2023 09:49 NELAC-NY10854,NJDEP,PADEP	02/06/2023 21:54	KH
118-74-1	Hexachlorobenzene	ND		ug/kg dry	239	477	10	EPA 8270D Certifications:	02/05/2023 09:49 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	02/06/2023 21:54	KH
87-68-3	Hexachlorobutadiene	ND		ug/kg dry	239	477	10	EPA 8270D Certifications:	02/05/2023 09:49 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	02/06/2023 21:54	KH

Sample Information

Client Sample ID: SB-1 (3-5 ft) **York Sample ID:** 23B0078-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23B0078	B 62nd Street	Soil	February 1, 2023 9:42 am	02/02/2023

Semi-Volatiles, 8270 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
77-47-4	Hexachlorocyclopentadiene	ND		ug/kg dry	239	477	10	EPA 8270D Certifications:	02/05/2023 09:49 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	02/06/2023 21:54	KH
67-72-1	Hexachloroethane	ND		ug/kg dry	239	477	10	EPA 8270D Certifications:	02/05/2023 09:49 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	02/06/2023 21:54	KH
193-39-5	Indeno(1,2,3-cd)pyrene	ND		ug/kg dry	239	477	10	EPA 8270D Certifications:	02/05/2023 09:49 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	02/06/2023 21:54	KH
78-59-1	Isophorone	ND		ug/kg dry	239	477	10	EPA 8270D Certifications:	02/05/2023 09:49 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	02/06/2023 21:54	KH
91-20-3	Naphthalene	ND		ug/kg dry	239	477	10	EPA 8270D Certifications:	02/05/2023 09:49 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	02/06/2023 21:54	KH
98-95-3	Nitrobenzene	ND		ug/kg dry	239	477	10	EPA 8270D Certifications:	02/05/2023 09:49 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	02/06/2023 21:54	KH
62-75-9	N-Nitrosodimethylamine	ND		ug/kg dry	239	477	10	EPA 8270D Certifications:	02/05/2023 09:49 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	02/06/2023 21:54	KH
621-64-7	N-nitroso-di-n-propylamine	ND		ug/kg dry	239	477	10	EPA 8270D Certifications:	02/05/2023 09:49 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	02/06/2023 21:54	KH
86-30-6	N-Nitrosodiphenylamine	ND		ug/kg dry	239	477	10	EPA 8270D Certifications:	02/05/2023 09:49 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	02/06/2023 21:54	KH
87-86-5	Pentachlorophenol	ND		ug/kg dry	239	477	10	EPA 8270D Certifications:	02/05/2023 09:49 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	02/06/2023 21:54	KH
85-01-8	Phenanthrene	ND		ug/kg dry	239	477	10	EPA 8270D Certifications:	02/05/2023 09:49 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	02/06/2023 21:54	KH
108-95-2	Phenol	ND		ug/kg dry	239	477	10	EPA 8270D Certifications:	02/05/2023 09:49 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	02/06/2023 21:54	KH
129-00-0	**Pyrene**	**313**	J	ug/kg dry	239	477	10	EPA 8270D Certifications:	02/05/2023 09:49 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	02/06/2023 21:54	KH

	Surrogate Recoveries	Result	Acceptance Range
367-12-4	*Surrogate: SURR: 2-Fluorophenol*	*33.4 %*	*20-108*
13127-88-3	*Surrogate: SURR: Phenol-d6*	*31.2 %*	*23-114*
4165-60-0	*Surrogate: SURR: Nitrobenzene-d5*	*44.0 %*	*22-108*
321-60-8	*Surrogate: SURR: 2-Fluorobiphenyl*	*36.4 %*	*21-113*
118-79-6	*Surrogate: SURR: 2,4,6-Tribromophenol*	*46.2 %*	*19-110*
1718-51-0	*Surrogate: SURR: Terphenyl-d14*	*44.4 %*	*24-116*

Pesticides, 8081 target list

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
72-54-8	4,4'-DDD	ND		ug/kg dry	1.86	5	EPA 8081B Certifications:	02/07/2023 07:57 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	02/10/2023 02:31	BJ-
72-55-9	**4,4'-DDE**	**2.30**		ug/kg dry	1.86	5	EPA 8081B Certifications:	02/07/2023 07:57 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	02/10/2023 02:31	BJ-

Sample Information

Client Sample ID: SB-1 (3-5 ft) **York Sample ID:** 23B0078-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23B0078	B 62nd Street	Soil	February 1, 2023 9:42 am	02/02/2023

Pesticides, 8081 target list

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
50-29-3	**4,4'-DDT**	**4.10**	P	ug/kg dry	1.86	5	EPA 8081B	02/07/2023 07:57	02/10/2023 02:31	BJ-
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
309-00-2	Aldrin	ND		ug/kg dry	1.86	5	EPA 8081B	02/07/2023 07:57	02/10/2023 02:31	BJ-
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
319-84-6	alpha-BHC	ND		ug/kg dry	1.86	5	EPA 8081B	02/07/2023 07:57	02/10/2023 02:31	BJ-
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
319-85-7	beta-BHC	ND		ug/kg dry	1.86	5	EPA 8081B	02/07/2023 07:57	02/10/2023 02:31	BJ-
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
12789-03-6	**Chlordane, total**	**104**		ug/kg dry	37.1	5	EPA 8081B	02/07/2023 07:57	02/10/2023 02:31	BJ-
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
319-86-8	delta-BHC	ND		ug/kg dry	1.86	5	EPA 8081B	02/07/2023 07:57	02/10/2023 02:31	BJ-
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
60-57-1	**Dieldrin**	**3.91**		ug/kg dry	1.86	5	EPA 8081B	02/07/2023 07:57	02/10/2023 02:31	BJ-
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
959-98-8	Endosulfan I	ND		ug/kg dry	1.86	5	EPA 8081B	02/07/2023 07:57	02/10/2023 02:31	BJ-
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
33213-65-9	Endosulfan II	ND		ug/kg dry	1.86	5	EPA 8081B	02/07/2023 07:57	02/10/2023 02:31	BJ-
							Certifications:	CTDOH-PH-0723,NELAC-NY10854		
1031-07-8	Endosulfan sulfate	ND		ug/kg dry	1.86	5	EPA 8081B	02/07/2023 07:57	02/10/2023 02:31	BJ-
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
72-20-8	Endrin	ND		ug/kg dry	1.86	5	EPA 8081B	02/07/2023 07:57	02/10/2023 02:31	BJ-
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7421-93-4	Endrin aldehyde	ND		ug/kg dry	1.86	5	EPA 8081B	02/07/2023 07:57	02/10/2023 02:31	BJ-
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
53494-70-5	Endrin ketone	ND		ug/kg dry	1.86	5	EPA 8081B	02/07/2023 07:57	02/10/2023 02:31	BJ-
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
58-89-9	gamma-BHC (Lindane)	ND		ug/kg dry	1.86	5	EPA 8081B	02/07/2023 07:57	02/10/2023 02:31	BJ-
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
76-44-8	Heptachlor	ND		ug/kg dry	1.86	5	EPA 8081B	02/07/2023 07:57	02/10/2023 02:31	BJ-
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
1024-57-3	Heptachlor epoxide	ND		ug/kg dry	1.86	5	EPA 8081B	02/07/2023 07:57	02/10/2023 02:31	BJ-
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
72-43-5	Methoxychlor	ND		ug/kg dry	9.29	5	EPA 8081B	02/07/2023 07:57	02/10/2023 02:31	BJ-
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
8001-35-2	Toxaphene	ND		ug/kg dry	94.0	5	EPA 8081B	02/07/2023 07:57	02/10/2023 02:31	BJ-
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		

	Surrogate Recoveries	Result	Acceptance Range
2051-24-3	*Surrogate: Decachlorobiphenyl*	*82.9 %*	*30-150*
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*55.7 %*	*30-150*

Polychlorinated Biphenyls (PCB)

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst

Sample Information

Client Sample ID: SB-1 (3-5 ft) **York Sample ID:** 23B0078-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23B0078	B 62nd Street	Soil	February 1, 2023 9:42 am	02/02/2023

Polychlorinated Biphenyls (PCB)

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
12674-11-2	Aroclor 1016	ND		mg/kg dry	0.0188	1	EPA 8082A	02/07/2023 07:57	02/10/2023 01:21	BJ
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP,PADEP		
11104-28-2	Aroclor 1221	ND		mg/kg dry	0.0188	1	EPA 8082A	02/07/2023 07:57	02/10/2023 01:21	BJ
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP,PADEP		
11141-16-5	Aroclor 1232	ND		mg/kg dry	0.0188	1	EPA 8082A	02/07/2023 07:57	02/10/2023 01:21	BJ
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP,PADEP		
53469-21-9	Aroclor 1242	ND		mg/kg dry	0.0188	1	EPA 8082A	02/07/2023 07:57	02/10/2023 01:21	BJ
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP,PADEP		
12672-29-6	Aroclor 1248	ND		mg/kg dry	0.0188	1	EPA 8082A	02/07/2023 07:57	02/10/2023 01:21	BJ
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP,PADEP		
11097-69-1	Aroclor 1254	ND		mg/kg dry	0.0188	1	EPA 8082A	02/07/2023 07:57	02/10/2023 01:21	BJ
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP,PADEP		
11096-82-5	**Aroclor 1260**	**0.0323**		mg/kg dry	0.0188	1	EPA 8082A	02/07/2023 07:57	02/10/2023 01:21	BJ
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP,PADEP		
1336-36-3	*** Total PCBs**	**0.0323**		mg/kg dry	0.0188	1	EPA 8082A	02/07/2023 07:57	02/10/2023 01:21	BJ
							Certifications:			

	Surrogate Recoveries	Result	Acceptance Range
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*75.0 %*	*30-140*
2051-24-3	*Surrogate: Decachlorobiphenyl*	*96.5 %*	*30-140*

Metals, Target Analyte

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7429-90-5	**Aluminum**	**4030**		mg/kg dry	4.78	1	EPA 6010D	02/09/2023 08:50	02/10/2023 15:50	CW
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7440-36-0	**Antimony**	**7.15**	M-CCV 1	mg/kg dry	2.39	1	EPA 6010D	02/09/2023 08:50	02/10/2023 15:50	CW
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7440-38-2	**Arsenic**	**5.89**		mg/kg dry	1.44	1	EPA 6010D	02/09/2023 08:50	02/10/2023 15:50	CW
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7440-39-3	**Barium**	**460**		mg/kg dry	2.39	1	EPA 6010D	02/09/2023 08:50	02/10/2023 15:50	CW
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7440-41-7	**Beryllium**	**0.328**		mg/kg dry	0.048	1	EPA 6010D	02/09/2023 08:50	02/10/2023 15:50	CW
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7440-43-9	**Cadmium**	**2.65**		mg/kg dry	0.287	1	EPA 6010D	02/09/2023 08:50	02/10/2023 15:50	CW
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7440-70-2	**Calcium**	**10800**		mg/kg dry	4.78	1	EPA 6010D	02/09/2023 08:50	02/10/2023 15:50	CW
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7440-47-3	**Chromium**	**19.8**		mg/kg dry	0.479	1	EPA 6010D	02/09/2023 08:50	02/10/2023 15:50	CW
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7440-48-4	**Cobalt**	**16.7**		mg/kg dry	0.382	1	EPA 6010D	02/09/2023 08:50	02/10/2023 15:50	CW
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		

Sample Information

Client Sample ID: SB-1 (3-5 ft) **York Sample ID:** 23B0078-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23B0078	B 62nd Street	Soil	February 1, 2023 9:42 am	02/02/2023

Metals, Target Analyte

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-50-8	**Copper**	**195**		mg/kg dry	1.91	1	EPA 6010D	02/09/2023 08:50	02/10/2023 15:50	CW
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7439-89-6	**Iron**	**46000**		mg/kg dry	23.9	1	EPA 6010D	02/09/2023 08:50	02/10/2023 15:50	CW
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7439-92-1	**Lead**	**708**		mg/kg dry	0.479	1	EPA 6010D	02/09/2023 08:50	02/10/2023 15:50	CW
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7439-95-4	**Magnesium**	**3830**		mg/kg dry	4.79	1	EPA 6010D	02/09/2023 08:50	02/10/2023 15:50	CW
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7439-96-5	**Manganese**	**310**		mg/kg dry	0.479	1	EPA 6010D	02/09/2023 08:50	02/10/2023 15:50	CW
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7440-02-0	**Nickel**	**31.3**		mg/kg dry	0.953	1	EPA 6010D	02/09/2023 08:50	02/10/2023 15:50	CW
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7440-09-7	**Potassium**	**445**	B	mg/kg dry	4.79	1	EPA 6010D	02/09/2023 08:50	02/10/2023 15:50	CW
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7782-49-2	Selenium	ND		mg/kg dry	2.39	1	EPA 6010D	02/09/2023 08:50	02/10/2023 15:50	CW
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7440-22-4	Silver	ND		mg/kg dry	0.482	1	EPA 6010D	02/09/2023 08:50	02/10/2023 15:50	CW
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7440-23-5	**Sodium**	**291**		mg/kg dry	47.8	1	EPA 6010D	02/09/2023 08:50	02/10/2023 15:50	CW
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7440-28-0	Thallium	ND		mg/kg dry	2.39	1	EPA 6010D	02/09/2023 08:50	02/10/2023 15:50	CW
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7440-62-2	**Vanadium**	**23.3**		mg/kg dry	0.953	1	EPA 6010D	02/09/2023 08:50	02/10/2023 15:50	CW
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7440-66-6	**Zinc**	**945**		mg/kg dry	2.38	1	EPA 6010D	02/09/2023 08:50	02/10/2023 15:50	CW
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		

Mercury by 7473

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 7473 soil

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	**Mercury**	**0.369**		mg/kg dry	0.0344	1	EPA 7473	02/07/2023 11:17	02/07/2023 13:06	PDL
							Certifications:	CTDOH-PH-0723,NJDEP,NELAC-NY10854,PADEP		

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**	**87.1**		%	0.100	1	SM 2540G	02/06/2023 16:04	02/07/2023 09:09	S_S
							Certifications:	CTDOH-PH-0723		

Sample Information

Client Sample ID: SB-2 (0-2 ft) **York Sample ID:** 23B0078-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23B0078	B 62nd Street	Soil	February 1, 2023 10:11 am	02/02/2023

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	2.5	5.1	1	EPA 8260C Certifications:	02/03/2023 09:00	02/03/2023 20:47	FTR CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
71-55-6	1,1,1-Trichloroethane	ND		ug/kg dry	2.5	5.1	1	EPA 8260C Certifications:	02/03/2023 09:00	02/03/2023 20:47	FTR CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/kg dry	2.5	5.1	1	EPA 8260C Certifications:	02/03/2023 09:00	02/03/2023 20:47	FTR CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/kg dry	2.5	5.1	1	EPA 8260C Certifications:	02/03/2023 09:00	02/03/2023 20:47	FTR CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP
79-00-5	1,1,2-Trichloroethane	ND		ug/kg dry	2.5	5.1	1	EPA 8260C Certifications:	02/03/2023 09:00	02/03/2023 20:47	FTR CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
75-34-3	1,1-Dichloroethane	ND		ug/kg dry	2.5	5.1	1	EPA 8260C Certifications:	02/03/2023 09:00	02/03/2023 20:47	FTR CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
75-35-4	1,1-Dichloroethylene	ND		ug/kg dry	2.5	5.1	1	EPA 8260C Certifications:	02/03/2023 09:00	02/03/2023 20:47	FTR CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
87-61-6	1,2,3-Trichlorobenzene	ND		ug/kg dry	2.5	5.1	1	EPA 8260C Certifications:	02/03/2023 09:00	02/03/2023 20:47	FTR NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
96-18-4	1,2,3-Trichloropropane	ND		ug/kg dry	2.5	5.1	1	EPA 8260C Certifications:	02/03/2023 09:00	02/03/2023 20:47	FTR NELAC-NY10854,NELAC-NY12058,NJDEP
120-82-1	1,2,4-Trichlorobenzene	ND		ug/kg dry	2.5	5.1	1	EPA 8260C Certifications:	02/03/2023 09:00	02/03/2023 20:47	FTR NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
95-63-6	1,2,4-Trimethylbenzene	ND		ug/kg dry	2.5	5.1	1	EPA 8260C Certifications:	02/03/2023 09:00	02/03/2023 20:47	FTR CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/kg dry	2.5	5.1	1	EPA 8260C Certifications:	02/03/2023 09:00	02/03/2023 20:47	FTR CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
106-93-4	1,2-Dibromoethane	ND		ug/kg dry	2.5	5.1	1	EPA 8260C Certifications:	02/03/2023 09:00	02/03/2023 20:47	FTR CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
95-50-1	1,2-Dichlorobenzene	ND		ug/kg dry	2.5	5.1	1	EPA 8260C Certifications:	02/03/2023 09:00	02/03/2023 20:47	FTR CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
107-06-2	1,2-Dichloroethane	ND		ug/kg dry	2.5	5.1	1	EPA 8260C Certifications:	02/03/2023 09:00	02/03/2023 20:47	FTR CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
78-87-5	1,2-Dichloropropane	ND		ug/kg dry	2.5	5.1	1	EPA 8260C Certifications:	02/03/2023 09:00	02/03/2023 20:47	FTR CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
108-67-8	1,3,5-Trimethylbenzene	ND		ug/kg dry	2.5	5.1	1	EPA 8260C Certifications:	02/03/2023 09:00	02/03/2023 20:47	FTR CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
541-73-1	1,3-Dichlorobenzene	ND		ug/kg dry	2.5	5.1	1	EPA 8260C Certifications:	02/03/2023 09:00	02/03/2023 20:47	FTR CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
106-46-7	1,4-Dichlorobenzene	ND		ug/kg dry	2.5	5.1	1	EPA 8260C Certifications:	02/03/2023 09:00	02/03/2023 20:47	FTR CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
123-91-1	1,4-Dioxane	ND		ug/kg dry	51	100	1	EPA 8260C Certifications:	02/03/2023 09:00	02/03/2023 20:47	FTR NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
78-93-3	2-Butanone	ND		ug/kg dry	2.5	5.1	1	EPA 8260C Certifications:	02/03/2023 09:00	02/03/2023 20:47	FTR CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
591-78-6	2-Hexanone	ND		ug/kg dry	2.5	5.1	1	EPA 8260C Certifications:	02/03/2023 09:00	02/03/2023 20:47	FTR CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
108-10-1	4-Methyl-2-pentanone	ND		ug/kg dry	2.5	5.1	1	EPA 8260C Certifications:	02/03/2023 09:00	02/03/2023 20:47	FTR CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI

Sample Information

Client Sample ID: SB-2 (0-2 ft) **York Sample ID:** 23B0078-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23B0078	B 62nd Street	Soil	February 1, 2023 10:11 am	02/02/2023

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
67-64-1	Acetone	ND		ug/kg dry	5.1	10	1	EPA 8260C Certifications:	02/03/2023 09:00	02/03/2023 20:47	FTR CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
107-02-8	Acrolein	ND		ug/kg dry	5.1	10	1	EPA 8260C Certifications:	02/03/2023 09:00	02/03/2023 20:47	FTR CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
107-13-1	Acrylonitrile	ND		ug/kg dry	2.5	5.1	1	EPA 8260C Certifications:	02/03/2023 09:00	02/03/2023 20:47	FTR CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
71-43-2	Benzene	ND		ug/kg dry	2.5	5.1	1	EPA 8260C Certifications:	02/03/2023 09:00	02/03/2023 20:47	FTR CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
74-97-5	Bromochloromethane	ND		ug/kg dry	2.5	5.1	1	EPA 8260C Certifications:	02/03/2023 09:00	02/03/2023 20:47	FTR NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
75-27-4	Bromodichloromethane	ND		ug/kg dry	2.5	5.1	1	EPA 8260C Certifications:	02/03/2023 09:00	02/03/2023 20:47	FTR CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
75-25-2	Bromoform	ND		ug/kg dry	2.5	5.1	1	EPA 8260C Certifications:	02/03/2023 09:00	02/03/2023 20:47	FTR CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
74-83-9	Bromomethane	ND		ug/kg dry	2.5	5.1	1	EPA 8260C Certifications:	02/03/2023 09:00	02/03/2023 20:47	FTR CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
75-15-0	Carbon disulfide	ND		ug/kg dry	2.5	5.1	1	EPA 8260C Certifications:	02/03/2023 09:00	02/03/2023 20:47	FTR CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
56-23-5	Carbon tetrachloride	ND		ug/kg dry	2.5	5.1	1	EPA 8260C Certifications:	02/03/2023 09:00	02/03/2023 20:47	FTR CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
108-90-7	Chlorobenzene	ND		ug/kg dry	2.5	5.1	1	EPA 8260C Certifications:	02/03/2023 09:00	02/03/2023 20:47	FTR CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
75-00-3	Chloroethane	ND		ug/kg dry	2.5	5.1	1	EPA 8260C Certifications:	02/03/2023 09:00	02/03/2023 20:47	FTR CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
67-66-3	Chloroform	ND		ug/kg dry	2.5	5.1	1	EPA 8260C Certifications:	02/03/2023 09:00	02/03/2023 20:47	FTR CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
74-87-3	Chloromethane	ND		ug/kg dry	2.5	5.1	1	EPA 8260C Certifications:	02/03/2023 09:00	02/03/2023 20:47	FTR CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
156-59-2	cis-1,2-Dichloroethylene	ND		ug/kg dry	2.5	5.1	1	EPA 8260C Certifications:	02/03/2023 09:00	02/03/2023 20:47	FTR CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/kg dry	2.5	5.1	1	EPA 8260C Certifications:	02/03/2023 09:00	02/03/2023 20:47	FTR CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
110-82-7	Cyclohexane	ND		ug/kg dry	2.5	5.1	1	EPA 8260C Certifications:	02/03/2023 09:00	02/03/2023 20:47	FTR NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
124-48-1	Dibromochloromethane	ND		ug/kg dry	2.5	5.1	1	EPA 8260C Certifications:	02/03/2023 09:00	02/03/2023 20:47	FTR NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
74-95-3	Dibromomethane	ND		ug/kg dry	2.5	5.1	1	EPA 8260C Certifications:	02/03/2023 09:00	02/03/2023 20:47	FTR NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
75-71-8	Dichlorodifluoromethane	ND		ug/kg dry	2.5	5.1	1	EPA 8260C Certifications:	02/03/2023 09:00	02/03/2023 20:47	FTR NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
100-41-4	Ethyl Benzene	ND		ug/kg dry	2.5	5.1	1	EPA 8260C Certifications:	02/03/2023 09:00	02/03/2023 20:47	FTR CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
87-68-3	Hexachlorobutadiene	ND		ug/kg dry	2.5	5.1	1	EPA 8260C Certifications:	02/03/2023 09:00	02/03/2023 20:47	FTR NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
98-82-8	Isopropylbenzene	ND		ug/kg dry	2.5	5.1	1	EPA 8260C Certifications:	02/03/2023 09:00	02/03/2023 20:47	FTR CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI

Sample Information

Client Sample ID: SB-2 (0-2 ft) **York Sample ID:** 23B0078-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23B0078	B 62nd Street	Soil	February 1, 2023 10:11 am	02/02/2023

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
79-20-9	Methyl acetate	ND		ug/kg dry	2.5	5.1	1	EPA 8260C Certifications:	02/03/2023 09:00	02/03/2023 20:47	FTR NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/kg dry	2.5	5.1	1	EPA 8260C Certifications:	02/03/2023 09:00	02/03/2023 20:47	FTR CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
108-87-2	Methylcyclohexane	ND		ug/kg dry	2.5	5.1	1	EPA 8260C Certifications:	02/03/2023 09:00	02/03/2023 20:47	FTR NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
75-09-2	Methylene chloride	ND		ug/kg dry	5.1	10	1	EPA 8260C Certifications:	02/03/2023 09:00	02/03/2023 20:47	FTR CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
104-51-8	n-Butylbenzene	ND		ug/kg dry	2.5	5.1	1	EPA 8260C Certifications:	02/03/2023 09:00	02/03/2023 20:47	FTR CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
103-65-1	n-Propylbenzene	ND		ug/kg dry	2.5	5.1	1	EPA 8260C Certifications:	02/03/2023 09:00	02/03/2023 20:47	FTR CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
95-47-6	o-Xylene	ND		ug/kg dry	2.5	5.1	1	EPA 8260C Certifications:	02/03/2023 09:00	02/03/2023 20:47	FTR CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP
179601-23-1	p- & m- Xylenes	ND		ug/kg dry	5.1	10	1	EPA 8260C Certifications:	02/03/2023 09:00	02/03/2023 20:47	FTR CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP
99-87-6	p-Isopropyltoluene	ND		ug/kg dry	2.5	5.1	1	EPA 8260C Certifications:	02/03/2023 09:00	02/03/2023 20:47	FTR CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
135-98-8	sec-Butylbenzene	ND		ug/kg dry	2.5	5.1	1	EPA 8260C Certifications:	02/03/2023 09:00	02/03/2023 20:47	FTR CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
100-42-5	Styrene	ND		ug/kg dry	2.5	5.1	1	EPA 8260C Certifications:	02/03/2023 09:00	02/03/2023 20:47	FTR CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
75-65-0	tert-Butyl alcohol (TBA)	ND		ug/kg dry	2.5	5.1	1	EPA 8260C Certifications:	02/03/2023 09:00	02/03/2023 20:47	FTR NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
98-06-6	tert-Butylbenzene	ND		ug/kg dry	2.5	5.1	1	EPA 8260C Certifications:	02/03/2023 09:00	02/03/2023 20:47	FTR CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
127-18-4	Tetrachloroethylene	ND		ug/kg dry	2.5	5.1	1	EPA 8260C Certifications:	02/03/2023 09:00	02/03/2023 20:47	FTR CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
108-88-3	**Toluene**	**3.4**	J	ug/kg dry	2.5	5.1	1	EPA 8260C Certifications:	02/03/2023 09:00	02/03/2023 20:47	FTR CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PA
156-60-5	trans-1,2-Dichloroethylene	ND		ug/kg dry	2.5	5.1	1	EPA 8260C Certifications:	02/03/2023 09:00	02/03/2023 20:47	FTR CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/kg dry	2.5	5.1	1	EPA 8260C Certifications:	02/03/2023 09:00	02/03/2023 20:47	FTR CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
110-57-6	* trans-1,4-dichloro-2-butene	ND		ug/kg dry	2.5	5.1	1	EPA 8260C Certifications:	02/03/2023 09:00	02/03/2023 20:47	FTR CTDOH-PH-0723
79-01-6	Trichloroethylene	ND		ug/kg dry	2.5	5.1	1	EPA 8260C Certifications:	02/03/2023 09:00	02/03/2023 20:47	FTR CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
75-69-4	Trichlorofluoromethane	ND		ug/kg dry	2.5	5.1	1	EPA 8260C Certifications:	02/03/2023 09:00	02/03/2023 20:47	FTR CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
75-01-4	Vinyl Chloride	ND		ug/kg dry	2.5	5.1	1	EPA 8260C Certifications:	02/03/2023 09:00	02/03/2023 20:47	FTR CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
1330-20-7	Xylenes, Total	ND		ug/kg dry	7.6	15	1	EPA 8260C Certifications:	02/03/2023 09:00	02/03/2023 20:47	FTR CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: SURR: 1,2-Dichloroethane-d4*	*102 %*	*77-125*

Sample Information

Client Sample ID: SB-2 (0-2 ft) **York Sample ID:** 23B0078-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23B0078	B 62nd Street	Soil	February 1, 2023 10:11 am	02/02/2023

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
2037-26-5	*Surrogate: SURR: Toluene-d8*	*96.9 %*			*85-120*						
460-00-4	*Surrogate: SURR: p-Bromofluorobenzene*	*113 %*			*76-130*						

Semi-Volatiles, 8270 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
92-52-4	1,1-Biphenyl	ND		ug/kg dry	45.9	91.6	2	EPA 8270D Certifications:	02/05/2023 09:49 NELAC-NY10854,NJDEP,PADEP	02/06/2023 22:27	KH
95-94-3	1,2,4,5-Tetrachlorobenzene	ND		ug/kg dry	91.6	183	2	EPA 8270D Certifications:	02/05/2023 09:49 NELAC-NY10854,NJDEP,PADEP	02/06/2023 22:27	KH
120-82-1	1,2,4-Trichlorobenzene	ND		ug/kg dry	45.9	91.6	2	EPA 8270D Certifications:	02/05/2023 09:49 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	02/06/2023 22:27	KH
95-50-1	1,2-Dichlorobenzene	ND		ug/kg dry	45.9	91.6	2	EPA 8270D Certifications:	02/05/2023 09:49 NELAC-NY10854,PADEP	02/06/2023 22:27	KH
122-66-7	1,2-Diphenylhydrazine (as Azobenzene)	ND		ug/kg dry	45.9	91.6	2	EPA 8270D Certifications:	02/05/2023 09:49 NELAC-NY10854,NJDEP,PADEP	02/06/2023 22:27	KH
541-73-1	1,3-Dichlorobenzene	ND		ug/kg dry	45.9	91.6	2	EPA 8270D Certifications:	02/05/2023 09:49 NELAC-NY10854,PADEP	02/06/2023 22:27	KH
106-46-7	1,4-Dichlorobenzene	ND		ug/kg dry	45.9	91.6	2	EPA 8270D Certifications:	02/05/2023 09:49 NELAC-NY10854,PADEP	02/06/2023 22:27	KH
58-90-2	2,3,4,6-Tetrachlorophenol	ND		ug/kg dry	91.6	183	2	EPA 8270D Certifications:	02/05/2023 09:49 NELAC-NY10854,NJDEP,PADEP	02/06/2023 22:27	KH
95-95-4	2,4,5-Trichlorophenol	ND		ug/kg dry	45.9	91.6	2	EPA 8270D Certifications:	02/05/2023 09:49 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	02/06/2023 22:27	KH
88-06-2	2,4,6-Trichlorophenol	ND		ug/kg dry	45.9	91.6	2	EPA 8270D Certifications:	02/05/2023 09:49 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	02/06/2023 22:27	KH
120-83-2	2,4-Dichlorophenol	ND		ug/kg dry	45.9	91.6	2	EPA 8270D Certifications:	02/05/2023 09:49 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	02/06/2023 22:27	KH
105-67-9	2,4-Dimethylphenol	ND		ug/kg dry	45.9	91.6	2	EPA 8270D Certifications:	02/05/2023 09:49 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	02/06/2023 22:27	KH
51-28-5	2,4-Dinitrophenol	ND	CAL-E	ug/kg dry	91.6	183	2	EPA 8270D Certifications:	02/05/2023 09:49 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	02/06/2023 22:27	KH
121-14-2	2,4-Dinitrotoluene	ND	CAL-E	ug/kg dry	45.9	91.6	2	EPA 8270D Certifications:	02/05/2023 09:49 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	02/06/2023 22:27	KH
606-20-2	2,6-Dinitrotoluene	ND	CAL-E	ug/kg dry	45.9	91.6	2	EPA 8270D Certifications:	02/05/2023 09:49 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	02/06/2023 22:27	KH
91-58-7	2-Chloronaphthalene	ND		ug/kg dry	45.9	91.6	2	EPA 8270D Certifications:	02/05/2023 09:49 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	02/06/2023 22:27	KH
95-57-8	2-Chlorophenol	ND		ug/kg dry	45.9	91.6	2	EPA 8270D Certifications:	02/05/2023 09:49 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	02/06/2023 22:27	KH
91-57-6	2-Methylnaphthalene	ND		ug/kg dry	45.9	91.6	2	EPA 8270D Certifications:	02/05/2023 09:49 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	02/06/2023 22:27	KH
95-48-7	2-Methylphenol	ND		ug/kg dry	45.9	91.6	2	EPA 8270D Certifications:	02/05/2023 09:49 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	02/06/2023 22:27	KH

Sample Information

Client Sample ID: SB-2 (0-2 ft) **York Sample ID:** 23B0078-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23B0078	B 62nd Street	Soil	February 1, 2023 10:11 am	02/02/2023

Semi-Volatiles, 8270 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
88-74-4	2-Nitroaniline	ND	CAL-E	ug/kg dry	91.6	183	2	EPA 8270D Certifications:	02/05/2023 09:49	02/06/2023 22:27 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	KH
88-75-5	2-Nitrophenol	ND		ug/kg dry	45.9	91.6	2	EPA 8270D Certifications:	02/05/2023 09:49	02/06/2023 22:27 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	KH
65794-96-9	3- & 4-Methylphenols	ND		ug/kg dry	45.9	91.6	2	EPA 8270D Certifications:	02/05/2023 09:49	02/06/2023 22:27 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	KH
91-94-1	3,3-Dichlorobenzidine	ND		ug/kg dry	45.9	91.6	2	EPA 8270D Certifications:	02/05/2023 09:49	02/06/2023 22:27 NELAC-NY10854,NJDEP,PADEP	KH
99-09-2	3-Nitroaniline	ND	CAL-E	ug/kg dry	91.6	183	2	EPA 8270D Certifications:	02/05/2023 09:49	02/06/2023 22:27 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	KH
534-52-1	4,6-Dinitro-2-methylphenol	ND	CAL-E	ug/kg dry	91.6	183	2	EPA 8270D Certifications:	02/05/2023 09:49	02/06/2023 22:27 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	KH
101-55-3	4-Bromophenyl phenyl ether	ND		ug/kg dry	45.9	91.6	2	EPA 8270D Certifications:	02/05/2023 09:49	02/06/2023 22:27 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	KH
59-50-7	4-Chloro-3-methylphenol	ND		ug/kg dry	45.9	91.6	2	EPA 8270D Certifications:	02/05/2023 09:49	02/06/2023 22:27 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	KH
106-47-8	4-Chloroaniline	ND		ug/kg dry	45.9	91.6	2	EPA 8270D Certifications:	02/05/2023 09:49	02/06/2023 22:27 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	KH
7005-72-3	4-Chlorophenyl phenyl ether	ND		ug/kg dry	45.9	91.6	2	EPA 8270D Certifications:	02/05/2023 09:49	02/06/2023 22:27 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	KH
100-01-6	4-Nitroaniline	ND		ug/kg dry	91.6	183	2	EPA 8270D Certifications:	02/05/2023 09:49	02/06/2023 22:27 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	KH
100-02-7	4-Nitrophenol	ND		ug/kg dry	91.6	183	2	EPA 8270D Certifications:	02/05/2023 09:49	02/06/2023 22:27 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	KH
83-32-9	Acenaphthene	ND		ug/kg dry	45.9	91.6	2	EPA 8270D Certifications:	02/05/2023 09:49	02/06/2023 22:27 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	KH
208-96-8	Acenaphthylene	ND		ug/kg dry	45.9	91.6	2	EPA 8270D Certifications:	02/05/2023 09:49	02/06/2023 22:27 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	KH
98-86-2	Acetophenone	ND		ug/kg dry	45.9	91.6	2	EPA 8270D Certifications:	02/05/2023 09:49	02/06/2023 22:27 NELAC-NY10854,NJDEP,PADEP	KH
62-53-3	Aniline	ND		ug/kg dry	183	367	2	EPA 8270D Certifications:	02/05/2023 09:49	02/06/2023 22:27 NELAC-NY10854,NJDEP,PADEP	KH
120-12-7	**Anthracene**	**172**		ug/kg dry	45.9	91.6	2	EPA 8270D Certifications:	02/05/2023 09:49	02/06/2023 22:27 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	KH
1912-24-9	Atrazine	ND		ug/kg dry	45.9	91.6	2	EPA 8270D Certifications:	02/05/2023 09:49	02/06/2023 22:27 NELAC-NY10854,NJDEP,PADEP	KH
100-52-7	Benzaldehyde	ND		ug/kg dry	45.9	91.6	2	EPA 8270D Certifications:	02/05/2023 09:49	02/06/2023 22:27 NELAC-NY10854,NJDEP,PADEP	KH
92-87-5	Benzidine	ND	CCVE	ug/kg dry	183	367	2	EPA 8270D Certifications:	02/05/2023 09:49	02/06/2023 22:27 CTDOH-PH-0723,NELAC-NY10854,PADEP	KH
56-55-3	**Benzo(a)anthracene**	**213**		ug/kg dry	45.9	91.6	2	EPA 8270D Certifications:	02/05/2023 09:49	02/06/2023 22:27 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	KH
50-32-8	**Benzo(a)pyrene**	**192**		ug/kg dry	45.9	91.6	2	EPA 8270D Certifications:	02/05/2023 09:49	02/06/2023 22:27 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	KH
205-99-2	**Benzo(b)fluoranthene**	**168**		ug/kg dry	45.9	91.6	2	EPA 8270D Certifications:	02/05/2023 09:49	02/06/2023 22:27 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	KH

Sample Information

Client Sample ID: SB-2 (0-2 ft) **York Sample ID:** 23B0078-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23B0078	B 62nd Street	Soil	February 1, 2023 10:11 am	02/02/2023

Semi-Volatiles, 8270 - Comprehensive **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
191-24-2	**Benzo(g,h,i)perylene**	**149**		ug/kg dry	45.9	91.6	2	EPA 8270D	02/05/2023 09:49	02/06/2023 22:27	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
207-08-9	**Benzo(k)fluoranthene**	**171**		ug/kg dry	45.9	91.6	2	EPA 8270D	02/05/2023 09:49	02/06/2023 22:27	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
65-85-0	Benzoic acid	ND	CAL-E, CCVE	ug/kg dry	45.9	91.6	2	EPA 8270D	02/05/2023 09:49	02/06/2023 22:27	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
100-51-6	Benzyl alcohol	ND		ug/kg dry	45.9	91.6	2	EPA 8270D	02/05/2023 09:49	02/06/2023 22:27	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
85-68-7	**Benzyl butyl phthalate**	**146**		ug/kg dry	45.9	91.6	2	EPA 8270D	02/05/2023 09:49	02/06/2023 22:27	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
111-91-1	Bis(2-chloroethoxy)methane	ND		ug/kg dry	45.9	91.6	2	EPA 8270D	02/05/2023 09:49	02/06/2023 22:27	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
111-44-4	Bis(2-chloroethyl)ether	ND		ug/kg dry	45.9	91.6	2	EPA 8270D	02/05/2023 09:49	02/06/2023 22:27	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
108-60-1	Bis(2-chloroisopropyl)ether	ND		ug/kg dry	45.9	91.6	2	EPA 8270D	02/05/2023 09:49	02/06/2023 22:27	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
117-81-7	Bis(2-ethylhexyl)phthalate	ND		ug/kg dry	45.9	91.6	2	EPA 8270D	02/05/2023 09:49	02/06/2023 22:27	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
105-60-2	Caprolactam	ND		ug/kg dry	91.6	183	2	EPA 8270D	02/05/2023 09:49	02/06/2023 22:27	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
86-74-8	Carbazole	ND		ug/kg dry	45.9	91.6	2	EPA 8270D	02/05/2023 09:49	02/06/2023 22:27	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
218-01-9	**Chrysene**	**209**		ug/kg dry	45.9	91.6	2	EPA 8270D	02/05/2023 09:49	02/06/2023 22:27	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
53-70-3	Dibenzo(a,h)anthracene	ND		ug/kg dry	45.9	91.6	2	EPA 8270D	02/05/2023 09:49	02/06/2023 22:27	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
132-64-9	Dibenzofuran	ND		ug/kg dry	45.9	91.6	2	EPA 8270D	02/05/2023 09:49	02/06/2023 22:27	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
84-66-2	Diethyl phthalate	ND		ug/kg dry	45.9	91.6	2	EPA 8270D	02/05/2023 09:49	02/06/2023 22:27	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
131-11-3	Dimethyl phthalate	ND		ug/kg dry	45.9	91.6	2	EPA 8270D	02/05/2023 09:49	02/06/2023 22:27	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
84-74-2	Di-n-butyl phthalate	ND		ug/kg dry	45.9	91.6	2	EPA 8270D	02/05/2023 09:49	02/06/2023 22:27	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
117-84-0	Di-n-octyl phthalate	ND		ug/kg dry	45.9	91.6	2	EPA 8270D	02/05/2023 09:49	02/06/2023 22:27	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
122-39-4	* Diphenylamine	ND		ug/kg dry	91.6	183	2	EPA 8270D	02/05/2023 09:49	02/06/2023 22:27	KH
								Certifications:			
206-44-0	**Fluoranthene**	**370**		ug/kg dry	45.9	91.6	2	EPA 8270D	02/05/2023 09:49	02/06/2023 22:27	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
86-73-7	Fluorene	ND		ug/kg dry	45.9	91.6	2	EPA 8270D	02/05/2023 09:49	02/06/2023 22:27	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
118-74-1	Hexachlorobenzene	ND		ug/kg dry	45.9	91.6	2	EPA 8270D	02/05/2023 09:49	02/06/2023 22:27	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
87-68-3	Hexachlorobutadiene	ND		ug/kg dry	45.9	91.6	2	EPA 8270D	02/05/2023 09:49	02/06/2023 22:27	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		

Sample Information

Client Sample ID: SB-2 (0-2 ft) **York Sample ID:** 23B0078-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23B0078	B 62nd Street	Soil	February 1, 2023 10:11 am	02/02/2023

Semi-Volatiles, 8270 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
77-47-4	Hexachlorocyclopentadiene	ND		ug/kg dry	45.9	91.6	2	EPA 8270D Certifications:	02/05/2023 09:49 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	02/06/2023 22:27	KH
67-72-1	Hexachloroethane	ND		ug/kg dry	45.9	91.6	2	EPA 8270D Certifications:	02/05/2023 09:49 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	02/06/2023 22:27	KH
193-39-5	**Indeno(1,2,3-cd)pyrene**	**119**		ug/kg dry	45.9	91.6	2	EPA 8270D Certifications:	02/05/2023 09:49 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	02/06/2023 22:27	KH
78-59-1	Isophorone	ND		ug/kg dry	45.9	91.6	2	EPA 8270D Certifications:	02/05/2023 09:49 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	02/06/2023 22:27	KH
91-20-3	Naphthalene	ND		ug/kg dry	45.9	91.6	2	EPA 8270D Certifications:	02/05/2023 09:49 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	02/06/2023 22:27	KH
98-95-3	Nitrobenzene	ND		ug/kg dry	45.9	91.6	2	EPA 8270D Certifications:	02/05/2023 09:49 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	02/06/2023 22:27	KH
62-75-9	N-Nitrosodimethylamine	ND		ug/kg dry	45.9	91.6	2	EPA 8270D Certifications:	02/05/2023 09:49 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	02/06/2023 22:27	KH
621-64-7	N-nitroso-di-n-propylamine	ND		ug/kg dry	45.9	91.6	2	EPA 8270D Certifications:	02/05/2023 09:49 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	02/06/2023 22:27	KH
86-30-6	N-Nitrosodiphenylamine	ND		ug/kg dry	45.9	91.6	2	EPA 8270D Certifications:	02/05/2023 09:49 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	02/06/2023 22:27	KH
87-86-5	Pentachlorophenol	ND		ug/kg dry	45.9	91.6	2	EPA 8270D Certifications:	02/05/2023 09:49 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	02/06/2023 22:27	KH
85-01-8	**Phenanthrene**	**167**		ug/kg dry	45.9	91.6	2	EPA 8270D Certifications:	02/05/2023 09:49 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	02/06/2023 22:27	KH
108-95-2	Phenol	ND		ug/kg dry	45.9	91.6	2	EPA 8270D Certifications:	02/05/2023 09:49 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	02/06/2023 22:27	KH
129-00-0	**Pyrene**	**361**		ug/kg dry	45.9	91.6	2	EPA 8270D Certifications:	02/05/2023 09:49 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	02/06/2023 22:27	KH

	Surrogate Recoveries	Result	Acceptance Range
367-12-4	*Surrogate: SURR: 2-Fluorophenol*	*73.8 %*	*20-108*
13127-88-3	*Surrogate: SURR: Phenol-d6*	*69.6 %*	*23-114*
4165-60-0	*Surrogate: SURR: Nitrobenzene-d5*	*93.8 %*	*22-108*
321-60-8	*Surrogate: SURR: 2-Fluorobiphenyl*	*74.5 %*	*21-113*
118-79-6	*Surrogate: SURR: 2,4,6-Tribromophenol*	*99.9 %*	*19-110*
1718-51-0	*Surrogate: SURR: Terphenyl-d14*	*90.6 %*	*24-116*

Pesticides, 8081 target list

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
72-54-8	4,4'-DDD	ND		ug/kg dry	1.79	5	EPA 8081B Certifications:	02/07/2023 07:57 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	02/10/2023 02:48	BJ-
72-55-9	**4,4'-DDE**	**2.79**		ug/kg dry	1.79	5	EPA 8081B Certifications:	02/07/2023 07:57 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	02/10/2023 02:48	BJ-

Sample Information

Client Sample ID: SB-2 (0-2 ft) **York Sample ID:** 23B0078-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23B0078	B 62nd Street	Soil	February 1, 2023 10:11 am	02/02/2023

Pesticides, 8081 target list

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
50-29-3	**4,4'-DDT**	**3.60**		ug/kg dry	1.79	5	EPA 8081B	02/07/2023 07:57	02/10/2023 02:48	BJ-
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
309-00-2	Aldrin	ND		ug/kg dry	1.79	5	EPA 8081B	02/07/2023 07:57	02/10/2023 02:48	BJ-
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
319-84-6	alpha-BHC	ND		ug/kg dry	1.79	5	EPA 8081B	02/07/2023 07:57	02/10/2023 02:48	BJ-
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
319-85-7	beta-BHC	ND		ug/kg dry	1.79	5	EPA 8081B	02/07/2023 07:57	02/10/2023 02:48	BJ-
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
12789-03-6	**Chlordane, total**	**248**		ug/kg dry	35.9	5	EPA 8081B	02/07/2023 07:57	02/10/2023 02:48	BJ-
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
319-86-8	delta-BHC	ND		ug/kg dry	1.79	5	EPA 8081B	02/07/2023 07:57	02/10/2023 02:48	BJ-
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
60-57-1	**Dieldrin**	**2.97**		ug/kg dry	1.79	5	EPA 8081B	02/07/2023 07:57	02/10/2023 02:48	BJ-
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
959-98-8	Endosulfan I	ND		ug/kg dry	1.79	5	EPA 8081B	02/07/2023 07:57	02/10/2023 02:48	BJ-
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
33213-65-9	Endosulfan II	ND		ug/kg dry	1.79	5	EPA 8081B	02/07/2023 07:57	02/10/2023 02:48	BJ-
							Certifications:	CTDOH-PH-0723,NELAC-NY10854		
1031-07-8	Endosulfan sulfate	ND		ug/kg dry	1.79	5	EPA 8081B	02/07/2023 07:57	02/10/2023 02:48	BJ-
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
72-20-8	Endrin	ND		ug/kg dry	1.79	5	EPA 8081B	02/07/2023 07:57	02/10/2023 02:48	BJ-
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7421-93-4	Endrin aldehyde	ND		ug/kg dry	1.79	5	EPA 8081B	02/07/2023 07:57	02/10/2023 02:48	BJ-
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
53494-70-5	Endrin ketone	ND		ug/kg dry	1.79	5	EPA 8081B	02/07/2023 07:57	02/10/2023 02:48	BJ-
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
58-89-9	gamma-BHC (Lindane)	ND		ug/kg dry	1.79	5	EPA 8081B	02/07/2023 07:57	02/10/2023 02:48	BJ-
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
76-44-8	Heptachlor	ND		ug/kg dry	1.79	5	EPA 8081B	02/07/2023 07:57	02/10/2023 02:48	BJ-
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
1024-57-3	Heptachlor epoxide	ND		ug/kg dry	1.79	5	EPA 8081B	02/07/2023 07:57	02/10/2023 02:48	BJ-
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
72-43-5	Methoxychlor	ND		ug/kg dry	8.97	5	EPA 8081B	02/07/2023 07:57	02/10/2023 02:48	BJ-
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
8001-35-2	Toxaphene	ND		ug/kg dry	90.8	5	EPA 8081B	02/07/2023 07:57	02/10/2023 02:48	BJ-
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		

	Surrogate Recoveries	Result	Acceptance Range
2051-24-3	*Surrogate: Decachlorobiphenyl*	*85.8 %*	*30-150*
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*60.4 %*	*30-150*

Polychlorinated Biphenyls (PCB)

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst

Sample Information

Client Sample ID: SB-2 (0-2 ft) **York Sample ID:** 23B0078-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23B0078	B 62nd Street	Soil	February 1, 2023 10:11 am	02/02/2023

Polychlorinated Biphenyls (PCB)

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
12674-11-2	Aroclor 1016	ND		mg/kg dry	0.0181	1	EPA 8082A Certifications:	02/07/2023 07:57 NELAC-NY10854,CTDOH-PH-0723,NJDEP,PADEP	02/10/2023 01:36	BJ
11104-28-2	Aroclor 1221	ND		mg/kg dry	0.0181	1	EPA 8082A Certifications:	02/07/2023 07:57 NELAC-NY10854,CTDOH-PH-0723,NJDEP,PADEP	02/10/2023 01:36	BJ
11141-16-5	Aroclor 1232	ND		mg/kg dry	0.0181	1	EPA 8082A Certifications:	02/07/2023 07:57 NELAC-NY10854,CTDOH-PH-0723,NJDEP,PADEP	02/10/2023 01:36	BJ
53469-21-9	Aroclor 1242	ND		mg/kg dry	0.0181	1	EPA 8082A Certifications:	02/07/2023 07:57 NELAC-NY10854,CTDOH-PH-0723,NJDEP,PADEP	02/10/2023 01:36	BJ
12672-29-6	Aroclor 1248	ND		mg/kg dry	0.0181	1	EPA 8082A Certifications:	02/07/2023 07:57 NELAC-NY10854,CTDOH-PH-0723,NJDEP,PADEP	02/10/2023 01:36	BJ
11097-69-1	Aroclor 1254	ND		mg/kg dry	0.0181	1	EPA 8082A Certifications:	02/07/2023 07:57 NELAC-NY10854,CTDOH-PH-0723,NJDEP,PADEP	02/10/2023 01:36	BJ
11096-82-5	Aroclor 1260	ND		mg/kg dry	0.0181	1	EPA 8082A Certifications:	02/07/2023 07:57 NELAC-NY10854,CTDOH-PH-0723,NJDEP,PADEP	02/10/2023 01:36	BJ
1336-36-3	* Total PCBs	ND		mg/kg dry	0.0181	1	EPA 8082A Certifications:	02/07/2023 07:57	02/10/2023 01:36	BJ

	Surrogate Recoveries	Result	Acceptance Range
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*86.5 %*	*30-140*
2051-24-3	*Surrogate: Decachlorobiphenyl*	*97.5 %*	*30-140*

Metals, Target Analyte

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7429-90-5	**Aluminum**	**5150**		mg/kg dry	4.59	1	EPA 6010D Certifications:	02/09/2023 08:50 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	02/10/2023 15:52	CW
7440-36-0	Antimony	ND	M-CCV 1	mg/kg dry	2.29	1	EPA 6010D Certifications:	02/09/2023 08:50 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	02/10/2023 15:52	CW
7440-38-2	**Arsenic**	**2.54**		mg/kg dry	1.38	1	EPA 6010D Certifications:	02/09/2023 08:50 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	02/10/2023 15:52	CW
7440-39-3	**Barium**	**105**		mg/kg dry	2.29	1	EPA 6010D Certifications:	02/09/2023 08:50 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	02/10/2023 15:52	CW
7440-41-7	**Beryllium**	**0.385**		mg/kg dry	0.046	1	EPA 6010D Certifications:	02/09/2023 08:50 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	02/10/2023 15:52	CW
7440-43-9	Cadmium	ND		mg/kg dry	0.275	1	EPA 6010D Certifications:	02/09/2023 08:50 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	02/10/2023 15:52	CW
7440-70-2	**Calcium**	**6630**		mg/kg dry	4.59	1	EPA 6010D Certifications:	02/09/2023 08:50 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	02/10/2023 15:52	CW
7440-47-3	**Chromium**	**11.6**		mg/kg dry	0.459	1	EPA 6010D Certifications:	02/09/2023 08:50 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	02/10/2023 15:52	CW
7440-48-4	**Cobalt**	**3.18**		mg/kg dry	0.367	1	EPA 6010D Certifications:	02/09/2023 08:50 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	02/10/2023 15:52	CW

Sample Information

Client Sample ID: SB-2 (0-2 ft) **York Sample ID:** 23B0078-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23B0078	B 62nd Street	Soil	February 1, 2023 10:11 am	02/02/2023

Metals, Target Analyte

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-50-8	**Copper**	**20.7**		mg/kg dry	1.84	1	EPA 6010D	02/09/2023 08:50	02/10/2023 15:52	CW
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7439-89-6	**Iron**	**10700**		mg/kg dry	22.9	1	EPA 6010D	02/09/2023 08:50	02/10/2023 15:52	CW
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7439-92-1	**Lead**	**185**		mg/kg dry	0.459	1	EPA 6010D	02/09/2023 08:50	02/10/2023 15:52	CW
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7439-95-4	**Magnesium**	**1610**		mg/kg dry	4.59	1	EPA 6010D	02/09/2023 08:50	02/10/2023 15:52	CW
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7439-96-5	**Manganese**	**185**		mg/kg dry	0.459	1	EPA 6010D	02/09/2023 08:50	02/10/2023 15:52	CW
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7440-02-0	**Nickel**	**8.27**		mg/kg dry	0.914	1	EPA 6010D	02/09/2023 08:50	02/10/2023 15:52	CW
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7440-09-7	**Potassium**	**407**	B	mg/kg dry	4.59	1	EPA 6010D	02/09/2023 08:50	02/10/2023 15:52	CW
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7782-49-2	Selenium	ND		mg/kg dry	2.29	1	EPA 6010D	02/09/2023 08:50	02/10/2023 15:52	CW
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7440-22-4	Silver	ND		mg/kg dry	0.463	1	EPA 6010D	02/09/2023 08:50	02/10/2023 15:52	CW
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7440-23-5	**Sodium**	**70.8**		mg/kg dry	45.9	1	EPA 6010D	02/09/2023 08:50	02/10/2023 15:52	CW
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7440-28-0	Thallium	ND		mg/kg dry	2.29	1	EPA 6010D	02/09/2023 08:50	02/10/2023 15:52	CW
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7440-62-2	**Vanadium**	**16.3**		mg/kg dry	0.914	1	EPA 6010D	02/09/2023 08:50	02/10/2023 15:52	CW
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7440-66-6	**Zinc**	**123**		mg/kg dry	2.29	1	EPA 6010D	02/09/2023 08:50	02/10/2023 15:52	CW
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		

Mercury by 7473

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 7473 soil

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	**Mercury**	**0.115**		mg/kg dry	0.0330	1	EPA 7473	02/07/2023 11:17	02/07/2023 13:47	PDL
							Certifications:	CTDOH-PH-0723,NJDEP,NELAC-NY10854,PADEP		

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**	**90.8**		%	0.100	1	SM 2540G	02/06/2023 16:04	02/07/2023 09:09	S_S
							Certifications:	CTDOH-PH-0723		

Sample Information

Client Sample ID: SB-2 (5-7 ft) **York Sample ID:** 23B0078-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23B0078	B 62nd Street	Soil	February 1, 2023 10:15 am	02/02/2023

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	2.6	5.1	1	EPA 8260C	02/03/2023 09:00	02/03/2023 21:14	FTR
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
71-55-6	1,1,1-Trichloroethane	ND		ug/kg dry	2.6	5.1	1	EPA 8260C	02/03/2023 09:00	02/03/2023 21:14	FTR
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/kg dry	2.6	5.1	1	EPA 8260C	02/03/2023 09:00	02/03/2023 21:14	FTR
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/kg dry	2.6	5.1	1	EPA 8260C	02/03/2023 09:00	02/03/2023 21:14	FTR
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP		
79-00-5	1,1,2-Trichloroethane	ND		ug/kg dry	2.6	5.1	1	EPA 8260C	02/03/2023 09:00	02/03/2023 21:14	FTR
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
75-34-3	1,1-Dichloroethane	ND		ug/kg dry	2.6	5.1	1	EPA 8260C	02/03/2023 09:00	02/03/2023 21:14	FTR
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
75-35-4	1,1-Dichloroethylene	ND		ug/kg dry	2.6	5.1	1	EPA 8260C	02/03/2023 09:00	02/03/2023 21:14	FTR
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
87-61-6	1,2,3-Trichlorobenzene	ND		ug/kg dry	2.6	5.1	1	EPA 8260C	02/03/2023 09:00	02/03/2023 21:14	FTR
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
96-18-4	1,2,3-Trichloropropane	ND		ug/kg dry	2.6	5.1	1	EPA 8260C	02/03/2023 09:00	02/03/2023 21:14	FTR
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP		
120-82-1	1,2,4-Trichlorobenzene	ND		ug/kg dry	2.6	5.1	1	EPA 8260C	02/03/2023 09:00	02/03/2023 21:14	FTR
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
95-63-6	1,2,4-Trimethylbenzene	ND		ug/kg dry	2.6	5.1	1	EPA 8260C	02/03/2023 09:00	02/03/2023 21:14	FTR
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/kg dry	2.6	5.1	1	EPA 8260C	02/03/2023 09:00	02/03/2023 21:14	FTR
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
106-93-4	1,2-Dibromoethane	ND		ug/kg dry	2.6	5.1	1	EPA 8260C	02/03/2023 09:00	02/03/2023 21:14	FTR
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
95-50-1	1,2-Dichlorobenzene	ND		ug/kg dry	2.6	5.1	1	EPA 8260C	02/03/2023 09:00	02/03/2023 21:14	FTR
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
107-06-2	1,2-Dichloroethane	ND		ug/kg dry	2.6	5.1	1	EPA 8260C	02/03/2023 09:00	02/03/2023 21:14	FTR
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
78-87-5	1,2-Dichloropropane	ND		ug/kg dry	2.6	5.1	1	EPA 8260C	02/03/2023 09:00	02/03/2023 21:14	FTR
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
108-67-8	1,3,5-Trimethylbenzene	ND		ug/kg dry	2.6	5.1	1	EPA 8260C	02/03/2023 09:00	02/03/2023 21:14	FTR
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
541-73-1	1,3-Dichlorobenzene	ND		ug/kg dry	2.6	5.1	1	EPA 8260C	02/03/2023 09:00	02/03/2023 21:14	FTR
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
106-46-7	1,4-Dichlorobenzene	ND		ug/kg dry	2.6	5.1	1	EPA 8260C	02/03/2023 09:00	02/03/2023 21:14	FTR
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
123-91-1	1,4-Dioxane	ND		ug/kg dry	51	100	1	EPA 8260C	02/03/2023 09:00	02/03/2023 21:14	FTR
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
78-93-3	**2-Butanone**	**2.7**	J	ug/kg dry	2.6	5.1	1	EPA 8260C	02/03/2023 09:00	02/03/2023 21:14	FTR
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PA		
591-78-6	2-Hexanone	ND		ug/kg dry	2.6	5.1	1	EPA 8260C	02/03/2023 09:00	02/03/2023 21:14	FTR
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
108-10-1	4-Methyl-2-pentanone	ND		ug/kg dry	2.6	5.1	1	EPA 8260C	02/03/2023 09:00	02/03/2023 21:14	FTR
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		

Sample Information

Client Sample ID: SB-2 (5-7 ft) **York Sample ID:** 23B0078-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23B0078	B 62nd Street	Soil	February 1, 2023 10:15 am	02/02/2023

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
67-64-1	**Acetone**	**9.8**	J	ug/kg dry	5.1	10	1	EPA 8260C	02/03/2023 09:00	02/03/2023 21:14	FTR
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PA		
107-02-8	Acrolein	ND		ug/kg dry	5.1	10	1	EPA 8260C	02/03/2023 09:00	02/03/2023 21:14	FTR
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
107-13-1	Acrylonitrile	ND		ug/kg dry	2.6	5.1	1	EPA 8260C	02/03/2023 09:00	02/03/2023 21:14	FTR
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
71-43-2	Benzene	ND		ug/kg dry	2.6	5.1	1	EPA 8260C	02/03/2023 09:00	02/03/2023 21:14	FTR
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
74-97-5	Bromochloromethane	ND		ug/kg dry	2.6	5.1	1	EPA 8260C	02/03/2023 09:00	02/03/2023 21:14	FTR
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-27-4	Bromodichloromethane	ND		ug/kg dry	2.6	5.1	1	EPA 8260C	02/03/2023 09:00	02/03/2023 21:14	FTR
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
75-25-2	Bromoform	ND		ug/kg dry	2.6	5.1	1	EPA 8260C	02/03/2023 09:00	02/03/2023 21:14	FTR
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
74-83-9	Bromomethane	ND		ug/kg dry	2.6	5.1	1	EPA 8260C	02/03/2023 09:00	02/03/2023 21:14	FTR
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
75-15-0	Carbon disulfide	ND		ug/kg dry	2.6	5.1	1	EPA 8260C	02/03/2023 09:00	02/03/2023 21:14	FTR
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
56-23-5	Carbon tetrachloride	ND		ug/kg dry	2.6	5.1	1	EPA 8260C	02/03/2023 09:00	02/03/2023 21:14	FTR
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
108-90-7	Chlorobenzene	ND		ug/kg dry	2.6	5.1	1	EPA 8260C	02/03/2023 09:00	02/03/2023 21:14	FTR
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
75-00-3	Chloroethane	ND		ug/kg dry	2.6	5.1	1	EPA 8260C	02/03/2023 09:00	02/03/2023 21:14	FTR
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
67-66-3	Chloroform	ND		ug/kg dry	2.6	5.1	1	EPA 8260C	02/03/2023 09:00	02/03/2023 21:14	FTR
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
74-87-3	Chloromethane	ND		ug/kg dry	2.6	5.1	1	EPA 8260C	02/03/2023 09:00	02/03/2023 21:14	FTR
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
156-59-2	cis-1,2-Dichloroethylene	ND		ug/kg dry	2.6	5.1	1	EPA 8260C	02/03/2023 09:00	02/03/2023 21:14	FTR
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/kg dry	2.6	5.1	1	EPA 8260C	02/03/2023 09:00	02/03/2023 21:14	FTR
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
110-82-7	Cyclohexane	ND		ug/kg dry	2.6	5.1	1	EPA 8260C	02/03/2023 09:00	02/03/2023 21:14	FTR
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
124-48-1	Dibromochloromethane	ND		ug/kg dry	2.6	5.1	1	EPA 8260C	02/03/2023 09:00	02/03/2023 21:14	FTR
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
74-95-3	Dibromomethane	ND		ug/kg dry	2.6	5.1	1	EPA 8260C	02/03/2023 09:00	02/03/2023 21:14	FTR
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-71-8	Dichlorodifluoromethane	ND		ug/kg dry	2.6	5.1	1	EPA 8260C	02/03/2023 09:00	02/03/2023 21:14	FTR
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
100-41-4	Ethyl Benzene	ND		ug/kg dry	2.6	5.1	1	EPA 8260C	02/03/2023 09:00	02/03/2023 21:14	FTR
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
87-68-3	Hexachlorobutadiene	ND		ug/kg dry	2.6	5.1	1	EPA 8260C	02/03/2023 09:00	02/03/2023 21:14	FTR
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
98-82-8	Isopropylbenzene	ND		ug/kg dry	2.6	5.1	1	EPA 8260C	02/03/2023 09:00	02/03/2023 21:14	FTR
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		

Sample Information

Client Sample ID: SB-2 (5-7 ft) **York Sample ID:** 23B0078-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23B0078	B 62nd Street	Soil	February 1, 2023 10:15 am	02/02/2023

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
79-20-9	Methyl acetate	ND		ug/kg dry	2.6	5.1	1	EPA 8260C Certifications:	02/03/2023 09:00 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	02/03/2023 21:14	FTR
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/kg dry	2.6	5.1	1	EPA 8260C Certifications:	02/03/2023 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	02/03/2023 21:14	FTR
108-87-2	Methylcyclohexane	ND		ug/kg dry	2.6	5.1	1	EPA 8260C Certifications:	02/03/2023 09:00 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	02/03/2023 21:14	FTR
75-09-2	Methylene chloride	ND		ug/kg dry	5.1	10	1	EPA 8260C Certifications:	02/03/2023 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	02/03/2023 21:14	FTR
104-51-8	n-Butylbenzene	ND		ug/kg dry	2.6	5.1	1	EPA 8260C Certifications:	02/03/2023 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	02/03/2023 21:14	FTR
103-65-1	n-Propylbenzene	ND		ug/kg dry	2.6	5.1	1	EPA 8260C Certifications:	02/03/2023 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	02/03/2023 21:14	FTR
95-47-6	o-Xylene	ND		ug/kg dry	2.6	5.1	1	EPA 8260C Certifications:	02/03/2023 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP	02/03/2023 21:14	FTR
179601-23-1	p- & m- Xylenes	ND		ug/kg dry	5.1	10	1	EPA 8260C Certifications:	02/03/2023 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP	02/03/2023 21:14	FTR
99-87-6	p-Isopropyltoluene	ND		ug/kg dry	2.6	5.1	1	EPA 8260C Certifications:	02/03/2023 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	02/03/2023 21:14	FTR
135-98-8	sec-Butylbenzene	ND		ug/kg dry	2.6	5.1	1	EPA 8260C Certifications:	02/03/2023 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	02/03/2023 21:14	FTR
100-42-5	Styrene	ND		ug/kg dry	2.6	5.1	1	EPA 8260C Certifications:	02/03/2023 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	02/03/2023 21:14	FTR
75-65-0	tert-Butyl alcohol (TBA)	ND		ug/kg dry	2.6	5.1	1	EPA 8260C Certifications:	02/03/2023 09:00 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	02/03/2023 21:14	FTR
98-06-6	tert-Butylbenzene	ND		ug/kg dry	2.6	5.1	1	EPA 8260C Certifications:	02/03/2023 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	02/03/2023 21:14	FTR
127-18-4	Tetrachloroethylene	ND		ug/kg dry	2.6	5.1	1	EPA 8260C Certifications:	02/03/2023 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	02/03/2023 21:14	FTR
108-88-3	Toluene	ND		ug/kg dry	2.6	5.1	1	EPA 8260C Certifications:	02/03/2023 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	02/03/2023 21:14	FTR
156-60-5	trans-1,2-Dichloroethylene	ND		ug/kg dry	2.6	5.1	1	EPA 8260C Certifications:	02/03/2023 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	02/03/2023 21:14	FTR
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/kg dry	2.6	5.1	1	EPA 8260C Certifications:	02/03/2023 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	02/03/2023 21:14	FTR
110-57-6	* trans-1,4-dichloro-2-butene	ND		ug/kg dry	2.6	5.1	1	EPA 8260C Certifications:	02/03/2023 09:00 CTDOH-PH-0723	02/03/2023 21:14	FTR
79-01-6	Trichloroethylene	ND		ug/kg dry	2.6	5.1	1	EPA 8260C Certifications:	02/03/2023 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	02/03/2023 21:14	FTR
75-69-4	Trichlorofluoromethane	ND		ug/kg dry	2.6	5.1	1	EPA 8260C Certifications:	02/03/2023 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	02/03/2023 21:14	FTR
75-01-4	Vinyl Chloride	ND		ug/kg dry	2.6	5.1	1	EPA 8260C Certifications:	02/03/2023 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	02/03/2023 21:14	FTR
1330-20-7	Xylenes, Total	ND		ug/kg dry	7.7	15	1	EPA 8260C Certifications:	02/03/2023 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP	02/03/2023 21:14	FTR

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: SURR: 1,2-Dichloroethane-d4*	*100 %*	*77-125*

Sample Information

Client Sample ID: SB-2 (5-7 ft) **York Sample ID:** 23B0078-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23B0078	B 62nd Street	Soil	February 1, 2023 10:15 am	02/02/2023

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
2037-26-5	*Surrogate: SURR: Toluene-d8*	*91.2 %*			*85-120*						
460-00-4	*Surrogate: SURR: p-Bromofluorobenzene*	*105 %*			*76-130*						

Semi-Volatiles, 8270 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
92-52-4	1,1-Biphenyl	ND		ug/kg dry	45.8	91.3	2	EPA 8270D Certifications:	02/08/2023 08:08 NELAC-NY10854,NJDEP,PADEP	02/09/2023 21:25	KH
95-94-3	1,2,4,5-Tetrachlorobenzene	ND		ug/kg dry	91.3	182	2	EPA 8270D Certifications:	02/08/2023 08:08 NELAC-NY10854,NJDEP,PADEP	02/09/2023 21:25	KH
120-82-1	1,2,4-Trichlorobenzene	ND		ug/kg dry	45.8	91.3	2	EPA 8270D Certifications:	02/08/2023 08:08 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	02/09/2023 21:25	KH
95-50-1	1,2-Dichlorobenzene	ND		ug/kg dry	45.8	91.3	2	EPA 8270D Certifications:	02/08/2023 08:08 NELAC-NY10854,PADEP	02/09/2023 21:25	KH
122-66-7	1,2-Diphenylhydrazine (as Azobenzene)	ND		ug/kg dry	45.8	91.3	2	EPA 8270D Certifications:	02/08/2023 08:08 NELAC-NY10854,NJDEP,PADEP	02/09/2023 21:25	KH
541-73-1	1,3-Dichlorobenzene	ND		ug/kg dry	45.8	91.3	2	EPA 8270D Certifications:	02/08/2023 08:08 NELAC-NY10854,PADEP	02/09/2023 21:25	KH
106-46-7	1,4-Dichlorobenzene	ND		ug/kg dry	45.8	91.3	2	EPA 8270D Certifications:	02/08/2023 08:08 NELAC-NY10854,PADEP	02/09/2023 21:25	KH
58-90-2	2,3,4,6-Tetrachlorophenol	ND		ug/kg dry	91.3	182	2	EPA 8270D Certifications:	02/08/2023 08:08 NELAC-NY10854,NJDEP,PADEP	02/09/2023 21:25	KH
95-95-4	2,4,5-Trichlorophenol	ND		ug/kg dry	45.8	91.3	2	EPA 8270D Certifications:	02/08/2023 08:08 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	02/09/2023 21:25	KH
88-06-2	2,4,6-Trichlorophenol	ND		ug/kg dry	45.8	91.3	2	EPA 8270D Certifications:	02/08/2023 08:08 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	02/09/2023 21:25	KH
120-83-2	2,4-Dichlorophenol	ND		ug/kg dry	45.8	91.3	2	EPA 8270D Certifications:	02/08/2023 08:08 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	02/09/2023 21:25	KH
105-67-9	2,4-Dimethylphenol	ND		ug/kg dry	45.8	91.3	2	EPA 8270D Certifications:	02/08/2023 08:08 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	02/09/2023 21:25	KH
51-28-5	2,4-Dinitrophenol	ND	CAL-E	ug/kg dry	91.3	182	2	EPA 8270D Certifications:	02/08/2023 08:08 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	02/09/2023 21:25	KH
121-14-2	2,4-Dinitrotoluene	ND		ug/kg dry	45.8	91.3	2	EPA 8270D Certifications:	02/08/2023 08:08 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	02/09/2023 21:25	KH
606-20-2	2,6-Dinitrotoluene	ND		ug/kg dry	45.8	91.3	2	EPA 8270D Certifications:	02/08/2023 08:08 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	02/09/2023 21:25	KH
91-58-7	2-Chloronaphthalene	ND		ug/kg dry	45.8	91.3	2	EPA 8270D Certifications:	02/08/2023 08:08 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	02/09/2023 21:25	KH
95-57-8	2-Chlorophenol	ND		ug/kg dry	45.8	91.3	2	EPA 8270D Certifications:	02/08/2023 08:08 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	02/09/2023 21:25	KH
91-57-6	2-Methylnaphthalene	ND		ug/kg dry	45.8	91.3	2	EPA 8270D Certifications:	02/08/2023 08:08 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	02/09/2023 21:25	KH
95-48-7	2-Methylphenol	ND		ug/kg dry	45.8	91.3	2	EPA 8270D Certifications:	02/08/2023 08:08 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	02/09/2023 21:25	KH

Sample Information

Client Sample ID: SB-2 (5-7 ft) **York Sample ID:** 23B0078-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23B0078	B 62nd Street	Soil	February 1, 2023 10:15 am	02/02/2023

Semi-Volatiles, 8270 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
88-74-4	2-Nitroaniline	ND		ug/kg dry	91.3	182	2	EPA 8270D Certifications:	02/08/2023 08:08 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	02/09/2023 21:25	KH
88-75-5	2-Nitrophenol	ND		ug/kg dry	45.8	91.3	2	EPA 8270D Certifications:	02/08/2023 08:08 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	02/09/2023 21:25	KH
65794-96-9	3- & 4-Methylphenols	ND		ug/kg dry	45.8	91.3	2	EPA 8270D Certifications:	02/08/2023 08:08 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	02/09/2023 21:25	KH
91-94-1	3,3-Dichlorobenzidine	ND		ug/kg dry	45.8	91.3	2	EPA 8270D Certifications:	02/08/2023 08:08 NELAC-NY10854,NJDEP,PADEP	02/09/2023 21:25	KH
99-09-2	3-Nitroaniline	ND		ug/kg dry	91.3	182	2	EPA 8270D Certifications:	02/08/2023 08:08 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	02/09/2023 21:25	KH
534-52-1	4,6-Dinitro-2-methylphenol	ND	CAL-E	ug/kg dry	91.3	182	2	EPA 8270D Certifications:	02/08/2023 08:08 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	02/09/2023 21:25	KH
101-55-3	4-Bromophenyl phenyl ether	ND		ug/kg dry	45.8	91.3	2	EPA 8270D Certifications:	02/08/2023 08:08 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	02/09/2023 21:25	KH
59-50-7	4-Chloro-3-methylphenol	ND		ug/kg dry	45.8	91.3	2	EPA 8270D Certifications:	02/08/2023 08:08 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	02/09/2023 21:25	KH
106-47-8	4-Chloroaniline	ND		ug/kg dry	45.8	91.3	2	EPA 8270D Certifications:	02/08/2023 08:08 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	02/09/2023 21:25	KH
7005-72-3	4-Chlorophenyl phenyl ether	ND		ug/kg dry	45.8	91.3	2	EPA 8270D Certifications:	02/08/2023 08:08 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	02/09/2023 21:25	KH
100-01-6	4-Nitroaniline	ND		ug/kg dry	91.3	182	2	EPA 8270D Certifications:	02/08/2023 08:08 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	02/09/2023 21:25	KH
100-02-7	4-Nitrophenol	ND		ug/kg dry	91.3	182	2	EPA 8270D Certifications:	02/08/2023 08:08 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	02/09/2023 21:25	KH
83-32-9	Acenaphthene	ND		ug/kg dry	45.8	91.3	2	EPA 8270D Certifications:	02/08/2023 08:08 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	02/09/2023 21:25	KH
208-96-8	Acenaphthylene	ND		ug/kg dry	45.8	91.3	2	EPA 8270D Certifications:	02/08/2023 08:08 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	02/09/2023 21:25	KH
98-86-2	Acetophenone	ND		ug/kg dry	45.8	91.3	2	EPA 8270D Certifications:	02/08/2023 08:08 NELAC-NY10854,NJDEP,PADEP	02/09/2023 21:25	KH
62-53-3	Aniline	ND		ug/kg dry	183	366	2	EPA 8270D Certifications:	02/08/2023 08:08 NELAC-NY10854,NJDEP,PADEP	02/09/2023 21:25	KH
120-12-7	**Anthracene**	**66.4**	J	ug/kg dry	45.8	91.3	2	EPA 8270D Certifications:	02/08/2023 08:08 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	02/09/2023 21:25	KH
1912-24-9	Atrazine	ND		ug/kg dry	45.8	91.3	2	EPA 8270D Certifications:	02/08/2023 08:08 NELAC-NY10854,NJDEP,PADEP	02/09/2023 21:25	KH
100-52-7	Benzaldehyde	ND		ug/kg dry	45.8	91.3	2	EPA 8270D Certifications:	02/08/2023 08:08 NELAC-NY10854,NJDEP,PADEP	02/09/2023 21:25	KH
92-87-5	Benzidine	ND	CCVE	ug/kg dry	183	366	2	EPA 8270D Certifications:	02/08/2023 08:08 CTDOH-PH-0723,NELAC-NY10854,PADEP	02/09/2023 21:25	KH
56-55-3	**Benzo(a)anthracene**	**258**		ug/kg dry	45.8	91.3	2	EPA 8270D Certifications:	02/08/2023 08:08 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	02/09/2023 21:25	KH
50-32-8	**Benzo(a)pyrene**	**243**		ug/kg dry	45.8	91.3	2	EPA 8270D Certifications:	02/08/2023 08:08 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	02/09/2023 21:25	KH
205-99-2	**Benzo(b)fluoranthene**	**224**		ug/kg dry	45.8	91.3	2	EPA 8270D Certifications:	02/08/2023 08:08 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	02/09/2023 21:25	KH

Sample Information

Client Sample ID: SB-2 (5-7 ft) **York Sample ID:** 23B0078-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23B0078	B 62nd Street	Soil	February 1, 2023 10:15 am	02/02/2023

Semi-Volatiles, 8270 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
191-24-2	**Benzo(g,h,i)perylene**	**162**		ug/kg dry	45.8	91.3	2	EPA 8270D Certifications:	02/08/2023 08:08	02/09/2023 21:25 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	KH
207-08-9	**Benzo(k)fluoranthene**	**204**		ug/kg dry	45.8	91.3	2	EPA 8270D Certifications:	02/08/2023 08:08	02/09/2023 21:25 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	KH
65-85-0	Benzoic acid	ND	QL-02	ug/kg dry	45.8	91.3	2	EPA 8270D Certifications:	02/08/2023 08:08	02/09/2023 21:25 NELAC-NY10854,NJDEP,PADEP	KH
100-51-6	Benzyl alcohol	ND		ug/kg dry	45.8	91.3	2	EPA 8270D Certifications:	02/08/2023 08:08	02/09/2023 21:25 NELAC-NY10854,NJDEP,PADEP	KH
85-68-7	Benzyl butyl phthalate	ND		ug/kg dry	45.8	91.3	2	EPA 8270D Certifications:	02/08/2023 08:08	02/09/2023 21:25 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	KH
111-91-1	Bis(2-chloroethoxy)methane	ND		ug/kg dry	45.8	91.3	2	EPA 8270D Certifications:	02/08/2023 08:08	02/09/2023 21:25 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	KH
111-44-4	Bis(2-chloroethyl)ether	ND		ug/kg dry	45.8	91.3	2	EPA 8270D Certifications:	02/08/2023 08:08	02/09/2023 21:25 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	KH
108-60-1	Bis(2-chloroisopropyl)ether	ND		ug/kg dry	45.8	91.3	2	EPA 8270D Certifications:	02/08/2023 08:08	02/09/2023 21:25 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	KH
117-81-7	**Bis(2-ethylhexyl)phthalate**	**105**		ug/kg dry	45.8	91.3	2	EPA 8270D Certifications:	02/08/2023 08:08	02/09/2023 21:25 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	KH
105-60-2	Caprolactam	ND		ug/kg dry	91.3	182	2	EPA 8270D Certifications:	02/08/2023 08:08	02/09/2023 21:25 NELAC-NY10854,NJDEP,PADEP	KH
86-74-8	Carbazole	ND		ug/kg dry	45.8	91.3	2	EPA 8270D Certifications:	02/08/2023 08:08	02/09/2023 21:25 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	KH
218-01-9	**Chrysene**	**258**		ug/kg dry	45.8	91.3	2	EPA 8270D Certifications:	02/08/2023 08:08	02/09/2023 21:25 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	KH
53-70-3	Dibenzo(a,h)anthracene	ND		ug/kg dry	45.8	91.3	2	EPA 8270D Certifications:	02/08/2023 08:08	02/09/2023 21:25 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	KH
132-64-9	Dibenzofuran	ND		ug/kg dry	45.8	91.3	2	EPA 8270D Certifications:	02/08/2023 08:08	02/09/2023 21:25 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	KH
84-66-2	Diethyl phthalate	ND		ug/kg dry	45.8	91.3	2	EPA 8270D Certifications:	02/08/2023 08:08	02/09/2023 21:25 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	KH
131-11-3	Dimethyl phthalate	ND		ug/kg dry	45.8	91.3	2	EPA 8270D Certifications:	02/08/2023 08:08	02/09/2023 21:25 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	KH
84-74-2	Di-n-butyl phthalate	ND		ug/kg dry	45.8	91.3	2	EPA 8270D Certifications:	02/08/2023 08:08	02/09/2023 21:25 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	KH
117-84-0	Di-n-octyl phthalate	ND		ug/kg dry	45.8	91.3	2	EPA 8270D Certifications:	02/08/2023 08:08	02/09/2023 21:25 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	KH
122-39-4	* Diphenylamine	ND		ug/kg dry	91.3	182	2	EPA 8270D Certifications:	02/08/2023 08:08	02/09/2023 21:25	KH
206-44-0	**Fluoranthene**	**450**		ug/kg dry	45.8	91.3	2	EPA 8270D Certifications:	02/08/2023 08:08	02/09/2023 21:25 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	KH
86-73-7	Fluorene	ND		ug/kg dry	45.8	91.3	2	EPA 8270D Certifications:	02/08/2023 08:08	02/09/2023 21:25 NELAC-NY10854,NJDEP,PADEP	KH
118-74-1	Hexachlorobenzene	ND		ug/kg dry	45.8	91.3	2	EPA 8270D Certifications:	02/08/2023 08:08	02/09/2023 21:25 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	KH
87-68-3	Hexachlorobutadiene	ND		ug/kg dry	45.8	91.3	2	EPA 8270D Certifications:	02/08/2023 08:08	02/09/2023 21:25 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	KH

Sample Information

Client Sample ID: SB-2 (5-7 ft) **York Sample ID:** 23B0078-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23B0078	B 62nd Street	Soil	February 1, 2023 10:15 am	02/02/2023

Semi-Volatiles, 8270 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
77-47-4	Hexachlorocyclopentadiene	ND	CCVE	ug/kg dry	45.8	91.3	2	EPA 8270D Certifications:	02/08/2023 08:08 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	02/09/2023 21:25	KH
67-72-1	Hexachloroethane	ND		ug/kg dry	45.8	91.3	2	EPA 8270D Certifications:	02/08/2023 08:08 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	02/09/2023 21:25	KH
193-39-5	**Indeno(1,2,3-cd)pyrene**	**169**		ug/kg dry	45.8	91.3	2	EPA 8270D Certifications:	02/08/2023 08:08 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	02/09/2023 21:25	KH
78-59-1	Isophorone	ND		ug/kg dry	45.8	91.3	2	EPA 8270D Certifications:	02/08/2023 08:08 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	02/09/2023 21:25	KH
91-20-3	Naphthalene	ND		ug/kg dry	45.8	91.3	2	EPA 8270D Certifications:	02/08/2023 08:08 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	02/09/2023 21:25	KH
98-95-3	Nitrobenzene	ND		ug/kg dry	45.8	91.3	2	EPA 8270D Certifications:	02/08/2023 08:08 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	02/09/2023 21:25	KH
62-75-9	N-Nitrosodimethylamine	ND		ug/kg dry	45.8	91.3	2	EPA 8270D Certifications:	02/08/2023 08:08 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	02/09/2023 21:25	KH
621-64-7	N-nitroso-di-n-propylamine	ND		ug/kg dry	45.8	91.3	2	EPA 8270D Certifications:	02/08/2023 08:08 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	02/09/2023 21:25	KH
86-30-6	N-Nitrosodiphenylamine	ND		ug/kg dry	45.8	91.3	2	EPA 8270D Certifications:	02/08/2023 08:08 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	02/09/2023 21:25	KH
87-86-5	Pentachlorophenol	ND		ug/kg dry	45.8	91.3	2	EPA 8270D Certifications:	02/08/2023 08:08 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	02/09/2023 21:25	KH
85-01-8	**Phenanthrene**	**225**		ug/kg dry	45.8	91.3	2	EPA 8270D Certifications:	02/08/2023 08:08 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	02/09/2023 21:25	KH
108-95-2	Phenol	ND		ug/kg dry	45.8	91.3	2	EPA 8270D Certifications:	02/08/2023 08:08 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	02/09/2023 21:25	KH
129-00-0	**Pyrene**	**410**		ug/kg dry	45.8	91.3	2	EPA 8270D Certifications:	02/08/2023 08:08 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	02/09/2023 21:25	KH

	Surrogate Recoveries	Result	Acceptance Range
367-12-4	*Surrogate: SURR: 2-Fluorophenol*	*73.0 %*	*20-108*
13127-88-3	*Surrogate: SURR: Phenol-d6*	*77.0 %*	*23-114*
4165-60-0	*Surrogate: SURR: Nitrobenzene-d5*	*81.6 %*	*22-108*
321-60-8	*Surrogate: SURR: 2-Fluorobiphenyl*	*70.7 %*	*21-113*
118-79-6	*Surrogate: SURR: 2,4,6-Tribromophenol*	*66.6 %*	*19-110*
1718-51-0	*Surrogate: SURR: Terphenyl-d14*	*84.6 %*	*24-116*

Pesticides, 8081 target list

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
72-54-8	4,4'-DDD	ND		ug/kg dry	1.78	5	EPA 8081B Certifications:	02/07/2023 07:57 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	02/10/2023 03:04	BJ-
72-55-9	4,4'-DDE	ND	P	ug/kg dry	1.78	5	EPA 8081B Certifications:	02/07/2023 07:57 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	02/10/2023 03:04	BJ-

Sample Information

Client Sample ID: SB-2 (5-7 ft) **York Sample ID:** 23B0078-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23B0078	B 62nd Street	Soil	February 1, 2023 10:15 am	02/02/2023

Pesticides, 8081 target list

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
50-29-3	**4,4'-DDT**	**2.43**		ug/kg dry	1.78	5	EPA 8081B	02/07/2023 07:57	02/10/2023 03:04	BJ-
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
309-00-2	Aldrin	ND		ug/kg dry	1.78	5	EPA 8081B	02/07/2023 07:57	02/10/2023 03:04	BJ-
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
319-84-6	alpha-BHC	ND		ug/kg dry	1.78	5	EPA 8081B	02/07/2023 07:57	02/10/2023 03:04	BJ-
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
319-85-7	beta-BHC	ND		ug/kg dry	1.78	5	EPA 8081B	02/07/2023 07:57	02/10/2023 03:04	BJ-
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
12789-03-6	Chlordane, total	ND		ug/kg dry	35.5	5	EPA 8081B	02/07/2023 07:57	02/10/2023 03:04	BJ-
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
319-86-8	delta-BHC	ND		ug/kg dry	1.78	5	EPA 8081B	02/07/2023 07:57	02/10/2023 03:04	BJ-
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
60-57-1	Dieldrin	ND		ug/kg dry	1.78	5	EPA 8081B	02/07/2023 07:57	02/10/2023 03:04	BJ-
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
959-98-8	Endosulfan I	ND		ug/kg dry	1.78	5	EPA 8081B	02/07/2023 07:57	02/10/2023 03:04	BJ-
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
33213-65-9	Endosulfan II	ND		ug/kg dry	1.78	5	EPA 8081B	02/07/2023 07:57	02/10/2023 03:04	BJ-
							Certifications:	CTDOH-PH-0723,NELAC-NY10854		
1031-07-8	Endosulfan sulfate	ND		ug/kg dry	1.78	5	EPA 8081B	02/07/2023 07:57	02/10/2023 03:04	BJ-
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
72-20-8	Endrin	ND		ug/kg dry	1.78	5	EPA 8081B	02/07/2023 07:57	02/10/2023 03:04	BJ-
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7421-93-4	Endrin aldehyde	ND		ug/kg dry	1.78	5	EPA 8081B	02/07/2023 07:57	02/10/2023 03:04	BJ-
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
53494-70-5	Endrin ketone	ND		ug/kg dry	1.78	5	EPA 8081B	02/07/2023 07:57	02/10/2023 03:04	BJ-
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
58-89-9	gamma-BHC (Lindane)	ND		ug/kg dry	1.78	5	EPA 8081B	02/07/2023 07:57	02/10/2023 03:04	BJ-
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
76-44-8	Heptachlor	ND		ug/kg dry	1.78	5	EPA 8081B	02/07/2023 07:57	02/10/2023 03:04	BJ-
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
1024-57-3	Heptachlor epoxide	ND		ug/kg dry	1.78	5	EPA 8081B	02/07/2023 07:57	02/10/2023 03:04	BJ-
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
72-43-5	Methoxychlor	ND		ug/kg dry	8.89	5	EPA 8081B	02/07/2023 07:57	02/10/2023 03:04	BJ-
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
8001-35-2	Toxaphene	ND		ug/kg dry	89.9	5	EPA 8081B	02/07/2023 07:57	02/10/2023 03:04	BJ-
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		

	Surrogate Recoveries	Result	Acceptance Range
2051-24-3	*Surrogate: Decachlorobiphenyl*	*77.6 %*	*30-150*
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*66.7 %*	*30-150*

Polychlorinated Biphenyls (PCB)

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst

Sample Information

Client Sample ID: SB-2 (5-7 ft) **York Sample ID:** 23B0078-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23B0078	B 62nd Street	Soil	February 1, 2023 10:15 am	02/02/2023

Polychlorinated Biphenyls (PCB)

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
12674-11-2	Aroclor 1016	ND		mg/kg dry	0.0179	1	EPA 8082A Certifications:	02/07/2023 07:57 NELAC-NY10854,CTDOH-PH-0723,NJDEP,PADEP	02/10/2023 01:51	BJ
11104-28-2	Aroclor 1221	ND		mg/kg dry	0.0179	1	EPA 8082A Certifications:	02/07/2023 07:57 NELAC-NY10854,CTDOH-PH-0723,NJDEP,PADEP	02/10/2023 01:51	BJ
11141-16-5	Aroclor 1232	ND		mg/kg dry	0.0179	1	EPA 8082A Certifications:	02/07/2023 07:57 NELAC-NY10854,CTDOH-PH-0723,NJDEP,PADEP	02/10/2023 01:51	BJ
53469-21-9	Aroclor 1242	ND		mg/kg dry	0.0179	1	EPA 8082A Certifications:	02/07/2023 07:57 NELAC-NY10854,CTDOH-PH-0723,NJDEP,PADEP	02/10/2023 01:51	BJ
12672-29-6	Aroclor 1248	ND		mg/kg dry	0.0179	1	EPA 8082A Certifications:	02/07/2023 07:57 NELAC-NY10854,CTDOH-PH-0723,NJDEP,PADEP	02/10/2023 01:51	BJ
11097-69-1	Aroclor 1254	ND		mg/kg dry	0.0179	1	EPA 8082A Certifications:	02/07/2023 07:57 NELAC-NY10854,CTDOH-PH-0723,NJDEP,PADEP	02/10/2023 01:51	BJ
11096-82-5	Aroclor 1260	ND		mg/kg dry	0.0179	1	EPA 8082A Certifications:	02/07/2023 07:57 NELAC-NY10854,CTDOH-PH-0723,NJDEP,PADEP	02/10/2023 01:51	BJ
1336-36-3	* Total PCBs	ND		mg/kg dry	0.0179	1	EPA 8082A Certifications:	02/07/2023 07:57	02/10/2023 01:51	BJ

	Surrogate Recoveries	Result	Acceptance Range
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*76.5 %*	*30-140*
2051-24-3	*Surrogate: Decachlorobiphenyl*	*95.0 %*	*30-140*

Metals, Target Analyte

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7429-90-5	**Aluminum**	**2250**		mg/kg dry	4.59	1	EPA 6010D Certifications:	02/09/2023 08:50 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	02/10/2023 15:54	CW
7440-36-0	Antimony	ND	M-CCV 1	mg/kg dry	2.30	1	EPA 6010D Certifications:	02/09/2023 08:50 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	02/10/2023 15:54	CW
7440-38-2	Arsenic	ND		mg/kg dry	1.38	1	EPA 6010D Certifications:	02/09/2023 08:50 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	02/10/2023 15:54	CW
7440-39-3	**Barium**	**62.4**		mg/kg dry	2.29	1	EPA 6010D Certifications:	02/09/2023 08:50 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	02/10/2023 15:54	CW
7440-41-7	**Beryllium**	**0.241**		mg/kg dry	0.046	1	EPA 6010D Certifications:	02/09/2023 08:50 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	02/10/2023 15:54	CW
7440-43-9	Cadmium	ND		mg/kg dry	0.276	1	EPA 6010D Certifications:	02/09/2023 08:50 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	02/10/2023 15:54	CW
7440-70-2	**Calcium**	**2270**		mg/kg dry	4.59	1	EPA 6010D Certifications:	02/09/2023 08:50 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	02/10/2023 15:54	CW
7440-47-3	**Chromium**	**8.32**		mg/kg dry	0.460	1	EPA 6010D Certifications:	02/09/2023 08:50 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	02/10/2023 15:54	CW
7440-48-4	**Cobalt**	**2.19**		mg/kg dry	0.367	1	EPA 6010D Certifications:	02/09/2023 08:50 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	02/10/2023 15:54	CW

Sample Information

Client Sample ID: SB-2 (5-7 ft) **York Sample ID:** 23B0078-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23B0078	B 62nd Street	Soil	February 1, 2023 10:15 am	02/02/2023

Metals, Target Analyte

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-50-8	**Copper**	**15.2**		mg/kg dry	1.84	1	EPA 6010D	02/09/2023 08:50	02/10/2023 15:54	CW
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7439-89-6	**Iron**	**6060**		mg/kg dry	23.0	1	EPA 6010D	02/09/2023 08:50	02/10/2023 15:54	CW
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7439-92-1	**Lead**	**283**		mg/kg dry	0.460	1	EPA 6010D	02/09/2023 08:50	02/10/2023 15:54	CW
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7439-95-4	**Magnesium**	**879**		mg/kg dry	4.60	1	EPA 6010D	02/09/2023 08:50	02/10/2023 15:54	CW
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7439-96-5	**Manganese**	**54.1**		mg/kg dry	0.460	1	EPA 6010D	02/09/2023 08:50	02/10/2023 15:54	CW
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7440-02-0	**Nickel**	**5.76**		mg/kg dry	0.915	1	EPA 6010D	02/09/2023 08:50	02/10/2023 15:54	CW
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7440-09-7	**Potassium**	**531**	B	mg/kg dry	4.60	1	EPA 6010D	02/09/2023 08:50	02/10/2023 15:54	CW
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7782-49-2	Selenium	ND		mg/kg dry	2.30	1	EPA 6010D	02/09/2023 08:50	02/10/2023 15:54	CW
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7440-22-4	Silver	ND		mg/kg dry	0.463	1	EPA 6010D	02/09/2023 08:50	02/10/2023 15:54	CW
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7440-23-5	**Sodium**	**54.4**		mg/kg dry	45.9	1	EPA 6010D	02/09/2023 08:50	02/10/2023 15:54	CW
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7440-28-0	Thallium	ND		mg/kg dry	2.30	1	EPA 6010D	02/09/2023 08:50	02/10/2023 15:54	CW
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7440-62-2	**Vanadium**	**8.28**		mg/kg dry	0.915	1	EPA 6010D	02/09/2023 08:50	02/10/2023 15:54	CW
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7440-66-6	**Zinc**	**234**		mg/kg dry	2.29	1	EPA 6010D	02/09/2023 08:50	02/10/2023 15:54	CW
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		

Mercury by 7473

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 7473 soil

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	**Mercury**	**0.0810**		mg/kg dry	0.0331	1	EPA 7473	02/07/2023 11:17	02/07/2023 13:54	PDL
							Certifications:	CTDOH-PH-0723,NJDEP,NELAC-NY10854,PADEP		

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**	**90.7**		%	0.100	1	SM 2540G	02/06/2023 16:04	02/07/2023 09:09	S_S
							Certifications:	CTDOH-PH-0723		

Sample Information

Client Sample ID: SB-3 (0-2 ft) **York Sample ID:** 23B0078-05

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23B0078	B 62nd Street	Soil	February 1, 2023 10:41 am	02/02/2023

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	6.5	1	EPA 8260C Certifications:	02/03/2023 09:00	02/03/2023 21:41 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	FTR
71-55-6	1,1,1-Trichloroethane	ND		ug/kg dry	3.3	6.5	1	EPA 8260C Certifications:	02/03/2023 09:00	02/03/2023 21:41 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	FTR
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/kg dry	3.3	6.5	1	EPA 8260C Certifications:	02/03/2023 09:00	02/03/2023 21:41 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	FTR
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/kg dry	3.3	6.5	1	EPA 8260C Certifications:	02/03/2023 09:00	02/03/2023 21:41 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP	FTR
79-00-5	1,1,2-Trichloroethane	ND		ug/kg dry	3.3	6.5	1	EPA 8260C Certifications:	02/03/2023 09:00	02/03/2023 21:41 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	FTR
75-34-3	1,1-Dichloroethane	ND		ug/kg dry	3.3	6.5	1	EPA 8260C Certifications:	02/03/2023 09:00	02/03/2023 21:41 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	FTR
75-35-4	1,1-Dichloroethylene	ND		ug/kg dry	3.3	6.5	1	EPA 8260C Certifications:	02/03/2023 09:00	02/03/2023 21:41 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	FTR
87-61-6	1,2,3-Trichlorobenzene	ND		ug/kg dry	3.3	6.5	1	EPA 8260C Certifications:	02/03/2023 09:00	02/03/2023 21:41 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	FTR
96-18-4	1,2,3-Trichloropropane	ND		ug/kg dry	3.3	6.5	1	EPA 8260C Certifications:	02/03/2023 09:00	02/03/2023 21:41 NELAC-NY10854,NELAC-NY12058,NJDEP	FTR
120-82-1	1,2,4-Trichlorobenzene	ND		ug/kg dry	3.3	6.5	1	EPA 8260C Certifications:	02/03/2023 09:00	02/03/2023 21:41 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	FTR
95-63-6	1,2,4-Trimethylbenzene	ND		ug/kg dry	3.3	6.5	1	EPA 8260C Certifications:	02/03/2023 09:00	02/03/2023 21:41 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	FTR
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/kg dry	3.3	6.5	1	EPA 8260C Certifications:	02/03/2023 09:00	02/03/2023 21:41 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	FTR
106-93-4	1,2-Dibromoethane	ND		ug/kg dry	3.3	6.5	1	EPA 8260C Certifications:	02/03/2023 09:00	02/03/2023 21:41 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	FTR
95-50-1	1,2-Dichlorobenzene	ND		ug/kg dry	3.3	6.5	1	EPA 8260C Certifications:	02/03/2023 09:00	02/03/2023 21:41 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	FTR
107-06-2	1,2-Dichloroethane	ND		ug/kg dry	3.3	6.5	1	EPA 8260C Certifications:	02/03/2023 09:00	02/03/2023 21:41 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	FTR
78-87-5	1,2-Dichloropropane	ND		ug/kg dry	3.3	6.5	1	EPA 8260C Certifications:	02/03/2023 09:00	02/03/2023 21:41 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	FTR
108-67-8	1,3,5-Trimethylbenzene	ND		ug/kg dry	3.3	6.5	1	EPA 8260C Certifications:	02/03/2023 09:00	02/03/2023 21:41 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	FTR
541-73-1	1,3-Dichlorobenzene	ND		ug/kg dry	3.3	6.5	1	EPA 8260C Certifications:	02/03/2023 09:00	02/03/2023 21:41 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	FTR
106-46-7	1,4-Dichlorobenzene	ND		ug/kg dry	3.3	6.5	1	EPA 8260C Certifications:	02/03/2023 09:00	02/03/2023 21:41 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	FTR
123-91-1	1,4-Dioxane	ND		ug/kg dry	65	130	1	EPA 8260C Certifications:	02/03/2023 09:00	02/03/2023 21:41 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	FTR
78-93-3	2-Butanone	ND		ug/kg dry	3.3	6.5	1	EPA 8260C Certifications:	02/03/2023 09:00	02/03/2023 21:41 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	FTR
591-78-6	2-Hexanone	ND		ug/kg dry	3.3	6.5	1	EPA 8260C Certifications:	02/03/2023 09:00	02/03/2023 21:41 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	FTR
108-10-1	4-Methyl-2-pentanone	ND		ug/kg dry	3.3	6.5	1	EPA 8260C Certifications:	02/03/2023 09:00	02/03/2023 21:41 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	FTR

Sample Information

Client Sample ID: SB-3 (0-2 ft) **York Sample ID:** 23B0078-05

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23B0078	B 62nd Street	Soil	February 1, 2023 10:41 am	02/02/2023

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
67-64-1	Acetone	ND		ug/kg dry	6.5	13	1	EPA 8260C Certifications:	02/03/2023 09:00	02/03/2023 21:41	FTR CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
107-02-8	Acrolein	ND		ug/kg dry	6.5	13	1	EPA 8260C Certifications:	02/03/2023 09:00	02/03/2023 21:41	FTR CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
107-13-1	Acrylonitrile	ND		ug/kg dry	3.3	6.5	1	EPA 8260C Certifications:	02/03/2023 09:00	02/03/2023 21:41	FTR CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
71-43-2	Benzene	ND		ug/kg dry	3.3	6.5	1	EPA 8260C Certifications:	02/03/2023 09:00	02/03/2023 21:41	FTR CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
74-97-5	Bromochloromethane	ND		ug/kg dry	3.3	6.5	1	EPA 8260C Certifications:	02/03/2023 09:00	02/03/2023 21:41	FTR NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
75-27-4	Bromodichloromethane	ND		ug/kg dry	3.3	6.5	1	EPA 8260C Certifications:	02/03/2023 09:00	02/03/2023 21:41	FTR CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
75-25-2	Bromoform	ND		ug/kg dry	3.3	6.5	1	EPA 8260C Certifications:	02/03/2023 09:00	02/03/2023 21:41	FTR CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
74-83-9	Bromomethane	ND		ug/kg dry	3.3	6.5	1	EPA 8260C Certifications:	02/03/2023 09:00	02/03/2023 21:41	FTR CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
75-15-0	Carbon disulfide	ND		ug/kg dry	3.3	6.5	1	EPA 8260C Certifications:	02/03/2023 09:00	02/03/2023 21:41	FTR CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
56-23-5	Carbon tetrachloride	ND		ug/kg dry	3.3	6.5	1	EPA 8260C Certifications:	02/03/2023 09:00	02/03/2023 21:41	FTR CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
108-90-7	Chlorobenzene	ND		ug/kg dry	3.3	6.5	1	EPA 8260C Certifications:	02/03/2023 09:00	02/03/2023 21:41	FTR CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
75-00-3	Chloroethane	ND		ug/kg dry	3.3	6.5	1	EPA 8260C Certifications:	02/03/2023 09:00	02/03/2023 21:41	FTR CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
67-66-3	Chloroform	ND		ug/kg dry	3.3	6.5	1	EPA 8260C Certifications:	02/03/2023 09:00	02/03/2023 21:41	FTR CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
74-87-3	Chloromethane	ND		ug/kg dry	3.3	6.5	1	EPA 8260C Certifications:	02/03/2023 09:00	02/03/2023 21:41	FTR CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
156-59-2	cis-1,2-Dichloroethylene	ND		ug/kg dry	3.3	6.5	1	EPA 8260C Certifications:	02/03/2023 09:00	02/03/2023 21:41	FTR CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/kg dry	3.3	6.5	1	EPA 8260C Certifications:	02/03/2023 09:00	02/03/2023 21:41	FTR CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
110-82-7	Cyclohexane	ND		ug/kg dry	3.3	6.5	1	EPA 8260C Certifications:	02/03/2023 09:00	02/03/2023 21:41	FTR NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
124-48-1	Dibromochloromethane	ND		ug/kg dry	3.3	6.5	1	EPA 8260C Certifications:	02/03/2023 09:00	02/03/2023 21:41	FTR NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
74-95-3	Dibromomethane	ND		ug/kg dry	3.3	6.5	1	EPA 8260C Certifications:	02/03/2023 09:00	02/03/2023 21:41	FTR NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
75-71-8	Dichlorodifluoromethane	ND		ug/kg dry	3.3	6.5	1	EPA 8260C Certifications:	02/03/2023 09:00	02/03/2023 21:41	FTR NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
100-41-4	Ethyl Benzene	ND		ug/kg dry	3.3	6.5	1	EPA 8260C Certifications:	02/03/2023 09:00	02/03/2023 21:41	FTR CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
87-68-3	Hexachlorobutadiene	ND		ug/kg dry	3.3	6.5	1	EPA 8260C Certifications:	02/03/2023 09:00	02/03/2023 21:41	FTR NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
98-82-8	Isopropylbenzene	ND		ug/kg dry	3.3	6.5	1	EPA 8260C Certifications:	02/03/2023 09:00	02/03/2023 21:41	FTR CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI

Sample Information

Client Sample ID: SB-3 (0-2 ft) **York Sample ID:** 23B0078-05

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23B0078	B 62nd Street	Soil	February 1, 2023 10:41 am	02/02/2023

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
79-20-9	Methyl acetate	ND		ug/kg dry	3.3	6.5	1	EPA 8260C Certifications:	02/03/2023 09:00 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	02/03/2023 21:41	FTR
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/kg dry	3.3	6.5	1	EPA 8260C Certifications:	02/03/2023 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	02/03/2023 21:41	FTR
108-87-2	Methylcyclohexane	ND		ug/kg dry	3.3	6.5	1	EPA 8260C Certifications:	02/03/2023 09:00 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	02/03/2023 21:41	FTR
75-09-2	Methylene chloride	ND		ug/kg dry	6.5	13	1	EPA 8260C Certifications:	02/03/2023 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	02/03/2023 21:41	FTR
104-51-8	n-Butylbenzene	ND		ug/kg dry	3.3	6.5	1	EPA 8260C Certifications:	02/03/2023 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	02/03/2023 21:41	FTR
103-65-1	n-Propylbenzene	ND		ug/kg dry	3.3	6.5	1	EPA 8260C Certifications:	02/03/2023 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	02/03/2023 21:41	FTR
95-47-6	o-Xylene	ND		ug/kg dry	3.3	6.5	1	EPA 8260C Certifications:	02/03/2023 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP	02/03/2023 21:41	FTR
179601-23-1	p- & m- Xylenes	ND		ug/kg dry	6.5	13	1	EPA 8260C Certifications:	02/03/2023 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP	02/03/2023 21:41	FTR
99-87-6	p-Isopropyltoluene	ND		ug/kg dry	3.3	6.5	1	EPA 8260C Certifications:	02/03/2023 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	02/03/2023 21:41	FTR
135-98-8	sec-Butylbenzene	ND		ug/kg dry	3.3	6.5	1	EPA 8260C Certifications:	02/03/2023 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	02/03/2023 21:41	FTR
100-42-5	Styrene	ND		ug/kg dry	3.3	6.5	1	EPA 8260C Certifications:	02/03/2023 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	02/03/2023 21:41	FTR
75-65-0	tert-Butyl alcohol (TBA)	ND		ug/kg dry	3.3	6.5	1	EPA 8260C Certifications:	02/03/2023 09:00 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	02/03/2023 21:41	FTR
98-06-6	tert-Butylbenzene	ND		ug/kg dry	3.3	6.5	1	EPA 8260C Certifications:	02/03/2023 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	02/03/2023 21:41	FTR
127-18-4	Tetrachloroethylene	ND		ug/kg dry	3.3	6.5	1	EPA 8260C Certifications:	02/03/2023 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	02/03/2023 21:41	FTR
108-88-3	Toluene	ND		ug/kg dry	3.3	6.5	1	EPA 8260C Certifications:	02/03/2023 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	02/03/2023 21:41	FTR
156-60-5	trans-1,2-Dichloroethylene	ND		ug/kg dry	3.3	6.5	1	EPA 8260C Certifications:	02/03/2023 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	02/03/2023 21:41	FTR
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/kg dry	3.3	6.5	1	EPA 8260C Certifications:	02/03/2023 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	02/03/2023 21:41	FTR
110-57-6	* trans-1,4-dichloro-2-butene	ND		ug/kg dry	3.3	6.5	1	EPA 8260C Certifications:	02/03/2023 09:00 CTDOH-PH-0723	02/03/2023 21:41	FTR
79-01-6	Trichloroethylene	ND		ug/kg dry	3.3	6.5	1	EPA 8260C Certifications:	02/03/2023 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	02/03/2023 21:41	FTR
75-69-4	Trichlorofluoromethane	ND		ug/kg dry	3.3	6.5	1	EPA 8260C Certifications:	02/03/2023 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	02/03/2023 21:41	FTR
75-01-4	Vinyl Chloride	ND		ug/kg dry	3.3	6.5	1	EPA 8260C Certifications:	02/03/2023 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	02/03/2023 21:41	FTR
1330-20-7	Xylenes, Total	ND		ug/kg dry	9.8	20	1	EPA 8260C Certifications:	02/03/2023 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP	02/03/2023 21:41	FTR

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: SURR: 1,2-Dichloroethane-d4*	*100 %*	*77-125*

Sample Information

Client Sample ID: SB-3 (0-2 ft) **York Sample ID:** 23B0078-05

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23B0078	B 62nd Street	Soil	February 1, 2023 10:41 am	02/02/2023

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
2037-26-5	*Surrogate: SURR: Toluene-d8*	*92.6 %*			*85-120*						
460-00-4	*Surrogate: SURR: p-Bromofluorobenzene*	*110 %*			*76-130*						

Semi-Volatiles, 8270 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
92-52-4	1,1-Biphenyl	ND		ug/kg dry	47.9	95.6	2	EPA 8270D Certifications:	02/08/2023 08:08 NELAC-NY10854,NJDEP,PADEP	02/09/2023 21:56	KH
95-94-3	1,2,4,5-Tetrachlorobenzene	ND		ug/kg dry	95.6	191	2	EPA 8270D Certifications:	02/08/2023 08:08 NELAC-NY10854,NJDEP,PADEP	02/09/2023 21:56	KH
120-82-1	1,2,4-Trichlorobenzene	ND		ug/kg dry	47.9	95.6	2	EPA 8270D Certifications:	02/08/2023 08:08 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	02/09/2023 21:56	KH
95-50-1	1,2-Dichlorobenzene	ND		ug/kg dry	47.9	95.6	2	EPA 8270D Certifications:	02/08/2023 08:08 NELAC-NY10854,PADEP	02/09/2023 21:56	KH
122-66-7	1,2-Diphenylhydrazine (as Azobenzene)	ND		ug/kg dry	47.9	95.6	2	EPA 8270D Certifications:	02/08/2023 08:08 NELAC-NY10854,NJDEP,PADEP	02/09/2023 21:56	KH
541-73-1	1,3-Dichlorobenzene	ND		ug/kg dry	47.9	95.6	2	EPA 8270D Certifications:	02/08/2023 08:08 NELAC-NY10854,PADEP	02/09/2023 21:56	KH
106-46-7	1,4-Dichlorobenzene	ND		ug/kg dry	47.9	95.6	2	EPA 8270D Certifications:	02/08/2023 08:08 NELAC-NY10854,PADEP	02/09/2023 21:56	KH
58-90-2	2,3,4,6-Tetrachlorophenol	ND		ug/kg dry	95.6	191	2	EPA 8270D Certifications:	02/08/2023 08:08 NELAC-NY10854,NJDEP,PADEP	02/09/2023 21:56	KH
95-95-4	2,4,5-Trichlorophenol	ND		ug/kg dry	47.9	95.6	2	EPA 8270D Certifications:	02/08/2023 08:08 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	02/09/2023 21:56	KH
88-06-2	2,4,6-Trichlorophenol	ND		ug/kg dry	47.9	95.6	2	EPA 8270D Certifications:	02/08/2023 08:08 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	02/09/2023 21:56	KH
120-83-2	2,4-Dichlorophenol	ND		ug/kg dry	47.9	95.6	2	EPA 8270D Certifications:	02/08/2023 08:08 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	02/09/2023 21:56	KH
105-67-9	2,4-Dimethylphenol	ND		ug/kg dry	47.9	95.6	2	EPA 8270D Certifications:	02/08/2023 08:08 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	02/09/2023 21:56	KH
51-28-5	2,4-Dinitrophenol	ND	CAL-E	ug/kg dry	95.6	191	2	EPA 8270D Certifications:	02/08/2023 08:08 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	02/09/2023 21:56	KH
121-14-2	2,4-Dinitrotoluene	ND		ug/kg dry	47.9	95.6	2	EPA 8270D Certifications:	02/08/2023 08:08 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	02/09/2023 21:56	KH
606-20-2	2,6-Dinitrotoluene	ND		ug/kg dry	47.9	95.6	2	EPA 8270D Certifications:	02/08/2023 08:08 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	02/09/2023 21:56	KH
91-58-7	2-Chloronaphthalene	ND		ug/kg dry	47.9	95.6	2	EPA 8270D Certifications:	02/08/2023 08:08 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	02/09/2023 21:56	KH
95-57-8	2-Chlorophenol	ND		ug/kg dry	47.9	95.6	2	EPA 8270D Certifications:	02/08/2023 08:08 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	02/09/2023 21:56	KH
91-57-6	2-Methylnaphthalene	ND		ug/kg dry	47.9	95.6	2	EPA 8270D Certifications:	02/08/2023 08:08 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	02/09/2023 21:56	KH
95-48-7	2-Methylphenol	ND		ug/kg dry	47.9	95.6	2	EPA 8270D Certifications:	02/08/2023 08:08 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	02/09/2023 21:56	KH

Sample Information

Client Sample ID: SB-3 (0-2 ft) **York Sample ID:** 23B0078-05

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23B0078	B 62nd Street	Soil	February 1, 2023 10:41 am	02/02/2023

Semi-Volatiles, 8270 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
88-74-4	2-Nitroaniline	ND		ug/kg dry	95.6	191	2	EPA 8270D Certifications:	02/08/2023 08:08 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	02/09/2023 21:56	KH
88-75-5	2-Nitrophenol	ND		ug/kg dry	47.9	95.6	2	EPA 8270D Certifications:	02/08/2023 08:08 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	02/09/2023 21:56	KH
65794-96-9	3- & 4-Methylphenols	ND		ug/kg dry	47.9	95.6	2	EPA 8270D Certifications:	02/08/2023 08:08 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	02/09/2023 21:56	KH
91-94-1	3,3-Dichlorobenzidine	ND		ug/kg dry	47.9	95.6	2	EPA 8270D Certifications:	02/08/2023 08:08 NELAC-NY10854,NJDEP,PADEP	02/09/2023 21:56	KH
99-09-2	3-Nitroaniline	ND		ug/kg dry	95.6	191	2	EPA 8270D Certifications:	02/08/2023 08:08 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	02/09/2023 21:56	KH
534-52-1	4,6-Dinitro-2-methylphenol	ND	CAL-E	ug/kg dry	95.6	191	2	EPA 8270D Certifications:	02/08/2023 08:08 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	02/09/2023 21:56	KH
101-55-3	4-Bromophenyl phenyl ether	ND		ug/kg dry	47.9	95.6	2	EPA 8270D Certifications:	02/08/2023 08:08 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	02/09/2023 21:56	KH
59-50-7	4-Chloro-3-methylphenol	ND		ug/kg dry	47.9	95.6	2	EPA 8270D Certifications:	02/08/2023 08:08 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	02/09/2023 21:56	KH
106-47-8	4-Chloroaniline	ND		ug/kg dry	47.9	95.6	2	EPA 8270D Certifications:	02/08/2023 08:08 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	02/09/2023 21:56	KH
7005-72-3	4-Chlorophenyl phenyl ether	ND		ug/kg dry	47.9	95.6	2	EPA 8270D Certifications:	02/08/2023 08:08 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	02/09/2023 21:56	KH
100-01-6	4-Nitroaniline	ND		ug/kg dry	95.6	191	2	EPA 8270D Certifications:	02/08/2023 08:08 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	02/09/2023 21:56	KH
100-02-7	4-Nitrophenol	ND		ug/kg dry	95.6	191	2	EPA 8270D Certifications:	02/08/2023 08:08 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	02/09/2023 21:56	KH
83-32-9	Acenaphthene	ND		ug/kg dry	47.9	95.6	2	EPA 8270D Certifications:	02/08/2023 08:08 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	02/09/2023 21:56	KH
208-96-8	**Acenaphthylene**	**68.0**	J	ug/kg dry	47.9	95.6	2	EPA 8270D Certifications:	02/08/2023 08:08 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	02/09/2023 21:56	KH
98-86-2	Acetophenone	ND		ug/kg dry	47.9	95.6	2	EPA 8270D Certifications:	02/08/2023 08:08 NELAC-NY10854,NJDEP,PADEP	02/09/2023 21:56	KH
62-53-3	Aniline	ND		ug/kg dry	191	383	2	EPA 8270D Certifications:	02/08/2023 08:08 NELAC-NY10854,NJDEP,PADEP	02/09/2023 21:56	KH
120-12-7	**Anthracene**	**122**		ug/kg dry	47.9	95.6	2	EPA 8270D Certifications:	02/08/2023 08:08 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	02/09/2023 21:56	KH
1912-24-9	Atrazine	ND		ug/kg dry	47.9	95.6	2	EPA 8270D Certifications:	02/08/2023 08:08 NELAC-NY10854,NJDEP,PADEP	02/09/2023 21:56	KH
100-52-7	Benzaldehyde	ND		ug/kg dry	47.9	95.6	2	EPA 8270D Certifications:	02/08/2023 08:08 NELAC-NY10854,NJDEP,PADEP	02/09/2023 21:56	KH
92-87-5	Benzidine	ND	CCVE	ug/kg dry	191	383	2	EPA 8270D Certifications:	02/08/2023 08:08 CTDOH-PH-0723,NELAC-NY10854,PADEP	02/09/2023 21:56	KH
56-55-3	**Benzo(a)anthracene**	**584**		ug/kg dry	47.9	95.6	2	EPA 8270D Certifications:	02/08/2023 08:08 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	02/09/2023 21:56	KH
50-32-8	**Benzo(a)pyrene**	**659**		ug/kg dry	47.9	95.6	2	EPA 8270D Certifications:	02/08/2023 08:08 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	02/09/2023 21:56	KH
205-99-2	**Benzo(b)fluoranthene**	**571**		ug/kg dry	47.9	95.6	2	EPA 8270D Certifications:	02/08/2023 08:08 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	02/09/2023 21:56	KH

Sample Information

Client Sample ID: SB-3 (0-2 ft) **York Sample ID:** 23B0078-05

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23B0078	B 62nd Street	Soil	February 1, 2023 10:41 am	02/02/2023

Semi-Volatiles, 8270 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
191-24-2	**Benzo(g,h,i)perylene**	**410**		ug/kg dry	47.9	95.6	2	EPA 8270D	02/08/2023 08:08	02/09/2023 21:56	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
207-08-9	**Benzo(k)fluoranthene**	**569**		ug/kg dry	47.9	95.6	2	EPA 8270D	02/08/2023 08:08	02/09/2023 21:56	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
65-85-0	Benzoic acid	ND	QL-02	ug/kg dry	47.9	95.6	2	EPA 8270D	02/08/2023 08:08	02/09/2023 21:56	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
100-51-6	Benzyl alcohol	ND		ug/kg dry	47.9	95.6	2	EPA 8270D	02/08/2023 08:08	02/09/2023 21:56	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
85-68-7	Benzyl butyl phthalate	ND		ug/kg dry	47.9	95.6	2	EPA 8270D	02/08/2023 08:08	02/09/2023 21:56	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
111-91-1	Bis(2-chloroethoxy)methane	ND		ug/kg dry	47.9	95.6	2	EPA 8270D	02/08/2023 08:08	02/09/2023 21:56	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
111-44-4	Bis(2-chloroethyl)ether	ND		ug/kg dry	47.9	95.6	2	EPA 8270D	02/08/2023 08:08	02/09/2023 21:56	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
108-60-1	Bis(2-chloroisopropyl)ether	ND		ug/kg dry	47.9	95.6	2	EPA 8270D	02/08/2023 08:08	02/09/2023 21:56	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
117-81-7	**Bis(2-ethylhexyl)phthalate**	**55.8**	J	ug/kg dry	47.9	95.6	2	EPA 8270D	02/08/2023 08:08	02/09/2023 21:56	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
105-60-2	Caprolactam	ND		ug/kg dry	95.6	191	2	EPA 8270D	02/08/2023 08:08	02/09/2023 21:56	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
86-74-8	Carbazole	ND		ug/kg dry	47.9	95.6	2	EPA 8270D	02/08/2023 08:08	02/09/2023 21:56	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
218-01-9	**Chrysene**	**594**		ug/kg dry	47.9	95.6	2	EPA 8270D	02/08/2023 08:08	02/09/2023 21:56	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
53-70-3	**Dibenzo(a,h)anthracene**	**75.6**	J	ug/kg dry	47.9	95.6	2	EPA 8270D	02/08/2023 08:08	02/09/2023 21:56	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
132-64-9	Dibenzofuran	ND		ug/kg dry	47.9	95.6	2	EPA 8270D	02/08/2023 08:08	02/09/2023 21:56	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
84-66-2	Diethyl phthalate	ND		ug/kg dry	47.9	95.6	2	EPA 8270D	02/08/2023 08:08	02/09/2023 21:56	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
131-11-3	Dimethyl phthalate	ND		ug/kg dry	47.9	95.6	2	EPA 8270D	02/08/2023 08:08	02/09/2023 21:56	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
84-74-2	Di-n-butyl phthalate	ND		ug/kg dry	47.9	95.6	2	EPA 8270D	02/08/2023 08:08	02/09/2023 21:56	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
117-84-0	Di-n-octyl phthalate	ND		ug/kg dry	47.9	95.6	2	EPA 8270D	02/08/2023 08:08	02/09/2023 21:56	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
122-39-4	* Diphenylamine	ND		ug/kg dry	95.6	191	2	EPA 8270D	02/08/2023 08:08	02/09/2023 21:56	KH
								Certifications:			
206-44-0	**Fluoranthene**	**1010**		ug/kg dry	47.9	95.6	2	EPA 8270D	02/08/2023 08:08	02/09/2023 21:56	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
86-73-7	Fluorene	ND		ug/kg dry	47.9	95.6	2	EPA 8270D	02/08/2023 08:08	02/09/2023 21:56	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
118-74-1	Hexachlorobenzene	ND		ug/kg dry	47.9	95.6	2	EPA 8270D	02/08/2023 08:08	02/09/2023 21:56	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
87-68-3	Hexachlorobutadiene	ND		ug/kg dry	47.9	95.6	2	EPA 8270D	02/08/2023 08:08	02/09/2023 21:56	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		

Sample Information

Client Sample ID: SB-3 (0-2 ft) **York Sample ID:** 23B0078-05

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23B0078	B 62nd Street	Soil	February 1, 2023 10:41 am	02/02/2023

Semi-Volatiles, 8270 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
77-47-4	Hexachlorocyclopentadiene	ND	CCVE	ug/kg dry	47.9	95.6	2	EPA 8270D Certifications:	02/08/2023 08:08 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	02/09/2023 21:56	KH
67-72-1	Hexachloroethane	ND		ug/kg dry	47.9	95.6	2	EPA 8270D Certifications:	02/08/2023 08:08 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	02/09/2023 21:56	KH
193-39-5	**Indeno(1,2,3-cd)pyrene**	**431**		ug/kg dry	47.9	95.6	2	EPA 8270D Certifications:	02/08/2023 08:08 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	02/09/2023 21:56	KH
78-59-1	Isophorone	ND		ug/kg dry	47.9	95.6	2	EPA 8270D Certifications:	02/08/2023 08:08 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	02/09/2023 21:56	KH
91-20-3	Naphthalene	ND		ug/kg dry	47.9	95.6	2	EPA 8270D Certifications:	02/08/2023 08:08 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	02/09/2023 21:56	KH
98-95-3	Nitrobenzene	ND		ug/kg dry	47.9	95.6	2	EPA 8270D Certifications:	02/08/2023 08:08 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	02/09/2023 21:56	KH
62-75-9	N-Nitrosodimethylamine	ND		ug/kg dry	47.9	95.6	2	EPA 8270D Certifications:	02/08/2023 08:08 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	02/09/2023 21:56	KH
621-64-7	N-nitroso-di-n-propylamine	ND		ug/kg dry	47.9	95.6	2	EPA 8270D Certifications:	02/08/2023 08:08 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	02/09/2023 21:56	KH
86-30-6	N-Nitrosodiphenylamine	ND		ug/kg dry	47.9	95.6	2	EPA 8270D Certifications:	02/08/2023 08:08 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	02/09/2023 21:56	KH
87-86-5	Pentachlorophenol	ND		ug/kg dry	47.9	95.6	2	EPA 8270D Certifications:	02/08/2023 08:08 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	02/09/2023 21:56	KH
85-01-8	**Phenanthrene**	**409**		ug/kg dry	47.9	95.6	2	EPA 8270D Certifications:	02/08/2023 08:08 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	02/09/2023 21:56	KH
108-95-2	Phenol	ND		ug/kg dry	47.9	95.6	2	EPA 8270D Certifications:	02/08/2023 08:08 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	02/09/2023 21:56	KH
129-00-0	**Pyrene**	**1040**		ug/kg dry	47.9	95.6	2	EPA 8270D Certifications:	02/08/2023 08:08 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	02/09/2023 21:56	KH

	Surrogate Recoveries	Result	Acceptance Range
367-12-4	*Surrogate: SURR: 2-Fluorophenol*	*62.5 %*	*20-108*
13127-88-3	*Surrogate: SURR: Phenol-d6*	*64.9 %*	*23-114*
4165-60-0	*Surrogate: SURR: Nitrobenzene-d5*	*73.0 %*	*22-108*
321-60-8	*Surrogate: SURR: 2-Fluorobiphenyl*	*60.1 %*	*21-113*
118-79-6	*Surrogate: SURR: 2,4,6-Tribromophenol*	*55.0 %*	*19-110*
1718-51-0	*Surrogate: SURR: Terphenyl-d14*	*70.2 %*	*24-116*

Pesticides, 8081 target list

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
72-54-8	4,4'-DDD	ND		ug/kg dry	1.89	5	EPA 8081B Certifications:	02/07/2023 07:57 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	02/10/2023 03:21	BJ-
72-55-9	**4,4'-DDE**	**1.97**	P	ug/kg dry	1.89	5	EPA 8081B Certifications:	02/07/2023 07:57 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	02/10/2023 03:21	BJ-

Sample Information

Client Sample ID: SB-3 (0-2 ft) **York Sample ID:** 23B0078-05

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23B0078	B 62nd Street	Soil	February 1, 2023 10:41 am	02/02/2023

Pesticides, 8081 target list

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
50-29-3	**4,4'-DDT**	**4.40**		ug/kg dry	1.89	5	EPA 8081B	02/07/2023 07:57	02/10/2023 03:21	BJ-
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
309-00-2	Aldrin	ND		ug/kg dry	1.89	5	EPA 8081B	02/07/2023 07:57	02/10/2023 03:21	BJ-
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
319-84-6	alpha-BHC	ND		ug/kg dry	1.89	5	EPA 8081B	02/07/2023 07:57	02/10/2023 03:21	BJ-
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
319-85-7	beta-BHC	ND		ug/kg dry	1.89	5	EPA 8081B	02/07/2023 07:57	02/10/2023 03:21	BJ-
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
12789-03-6	**Chlordane, total**	**119**		ug/kg dry	37.8	5	EPA 8081B	02/07/2023 07:57	02/10/2023 03:21	BJ-
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
319-86-8	delta-BHC	ND		ug/kg dry	1.89	5	EPA 8081B	02/07/2023 07:57	02/10/2023 03:21	BJ-
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
60-57-1	Dieldrin	ND		ug/kg dry	1.89	5	EPA 8081B	02/07/2023 07:57	02/10/2023 03:21	BJ-
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
959-98-8	Endosulfan I	ND		ug/kg dry	1.89	5	EPA 8081B	02/07/2023 07:57	02/10/2023 03:21	BJ-
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
33213-65-9	Endosulfan II	ND		ug/kg dry	1.89	5	EPA 8081B	02/07/2023 07:57	02/10/2023 03:21	BJ-
							Certifications:	CTDOH-PH-0723,NELAC-NY10854		
1031-07-8	Endosulfan sulfate	ND		ug/kg dry	1.89	5	EPA 8081B	02/07/2023 07:57	02/10/2023 03:21	BJ-
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
72-20-8	Endrin	ND		ug/kg dry	1.89	5	EPA 8081B	02/07/2023 07:57	02/10/2023 03:21	BJ-
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7421-93-4	Endrin aldehyde	ND		ug/kg dry	1.89	5	EPA 8081B	02/07/2023 07:57	02/10/2023 03:21	BJ-
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
53494-70-5	Endrin ketone	ND		ug/kg dry	1.89	5	EPA 8081B	02/07/2023 07:57	02/10/2023 03:21	BJ-
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
58-89-9	gamma-BHC (Lindane)	ND		ug/kg dry	1.89	5	EPA 8081B	02/07/2023 07:57	02/10/2023 03:21	BJ-
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
76-44-8	Heptachlor	ND		ug/kg dry	1.89	5	EPA 8081B	02/07/2023 07:57	02/10/2023 03:21	BJ-
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
1024-57-3	Heptachlor epoxide	ND		ug/kg dry	1.89	5	EPA 8081B	02/07/2023 07:57	02/10/2023 03:21	BJ-
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
72-43-5	Methoxychlor	ND		ug/kg dry	9.45	5	EPA 8081B	02/07/2023 07:57	02/10/2023 03:21	BJ-
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
8001-35-2	Toxaphene	ND		ug/kg dry	95.7	5	EPA 8081B	02/07/2023 07:57	02/10/2023 03:21	BJ-
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		

	Surrogate Recoveries	Result	Acceptance Range
2051-24-3	*Surrogate: Decachlorobiphenyl*	*79.1 %*	*30-150*
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*58.7 %*	*30-150*

Polychlorinated Biphenyls (PCB)

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst

Sample Information

Client Sample ID: SB-3 (0-2 ft) **York Sample ID:** 23B0078-05

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23B0078	B 62nd Street	Soil	February 1, 2023 10:41 am	02/02/2023

Polychlorinated Biphenyls (PCB)

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
12674-11-2	Aroclor 1016	ND		mg/kg dry	0.0191	1	EPA 8082A Certifications:	02/07/2023 07:57 NELAC-NY10854,CTDOH-PH-0723,NJDEP,PADEP	02/10/2023 02:06	BJ
11104-28-2	Aroclor 1221	ND		mg/kg dry	0.0191	1	EPA 8082A Certifications:	02/07/2023 07:57 NELAC-NY10854,CTDOH-PH-0723,NJDEP,PADEP	02/10/2023 02:06	BJ
11141-16-5	Aroclor 1232	ND		mg/kg dry	0.0191	1	EPA 8082A Certifications:	02/07/2023 07:57 NELAC-NY10854,CTDOH-PH-0723,NJDEP,PADEP	02/10/2023 02:06	BJ
53469-21-9	Aroclor 1242	ND		mg/kg dry	0.0191	1	EPA 8082A Certifications:	02/07/2023 07:57 NELAC-NY10854,CTDOH-PH-0723,NJDEP,PADEP	02/10/2023 02:06	BJ
12672-29-6	Aroclor 1248	ND		mg/kg dry	0.0191	1	EPA 8082A Certifications:	02/07/2023 07:57 NELAC-NY10854,CTDOH-PH-0723,NJDEP,PADEP	02/10/2023 02:06	BJ
11097-69-1	Aroclor 1254	ND		mg/kg dry	0.0191	1	EPA 8082A Certifications:	02/07/2023 07:57 NELAC-NY10854,CTDOH-PH-0723,NJDEP,PADEP	02/10/2023 02:06	BJ
11096-82-5	Aroclor 1260	ND		mg/kg dry	0.0191	1	EPA 8082A Certifications:	02/07/2023 07:57 NELAC-NY10854,CTDOH-PH-0723,NJDEP,PADEP	02/10/2023 02:06	BJ
1336-36-3	* Total PCBs	ND		mg/kg dry	0.0191	1	EPA 8082A Certifications:	02/07/2023 07:57	02/10/2023 02:06	BJ

	Surrogate Recoveries	Result	Acceptance Range
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*74.5 %*	*30-140*
2051-24-3	*Surrogate: Decachlorobiphenyl*	*89.5 %*	*30-140*

Metals, Target Analyte

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7429-90-5	**Aluminum**	**4600**		mg/kg dry	4.79	1	EPA 6010D Certifications:	02/09/2023 08:50 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	02/10/2023 15:56	CW
7440-36-0	Antimony	ND	M-CCV 1	mg/kg dry	2.40	1	EPA 6010D Certifications:	02/09/2023 08:50 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	02/10/2023 15:56	CW
7440-38-2	**Arsenic**	**3.85**		mg/kg dry	1.44	1	EPA 6010D Certifications:	02/09/2023 08:50 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	02/10/2023 15:56	CW
7440-39-3	**Barium**	**201**		mg/kg dry	2.39	1	EPA 6010D Certifications:	02/09/2023 08:50 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	02/10/2023 15:56	CW
7440-41-7	**Beryllium**	**0.385**		mg/kg dry	0.048	1	EPA 6010D Certifications:	02/09/2023 08:50 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	02/10/2023 15:56	CW
7440-43-9	**Cadmium**	**0.818**		mg/kg dry	0.287	1	EPA 6010D Certifications:	02/09/2023 08:50 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	02/10/2023 15:56	CW
7440-70-2	**Calcium**	**8870**		mg/kg dry	4.79	1	EPA 6010D Certifications:	02/09/2023 08:50 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	02/10/2023 15:56	CW
7440-47-3	**Chromium**	**14.0**		mg/kg dry	0.479	1	EPA 6010D Certifications:	02/09/2023 08:50 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	02/10/2023 15:56	CW
7440-48-4	**Cobalt**	**4.39**		mg/kg dry	0.383	1	EPA 6010D Certifications:	02/09/2023 08:50 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	02/10/2023 15:56	CW

Sample Information

Client Sample ID: SB-3 (0-2 ft) **York Sample ID:** 23B0078-05

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23B0078	B 62nd Street	Soil	February 1, 2023 10:41 am	02/02/2023

Metals, Target Analyte

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-50-8	**Copper**	**72.1**		mg/kg dry	1.92	1	EPA 6010D	02/09/2023 08:50	02/10/2023 15:56	CW
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7439-89-6	**Iron**	**16400**		mg/kg dry	24.0	1	EPA 6010D	02/09/2023 08:50	02/10/2023 15:56	CW
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7439-92-1	**Lead**	**368**		mg/kg dry	0.479	1	EPA 6010D	02/09/2023 08:50	02/10/2023 15:56	CW
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7439-95-4	**Magnesium**	**2310**		mg/kg dry	4.79	1	EPA 6010D	02/09/2023 08:50	02/10/2023 15:56	CW
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7439-96-5	**Manganese**	**219**		mg/kg dry	0.479	1	EPA 6010D	02/09/2023 08:50	02/10/2023 15:56	CW
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7440-02-0	**Nickel**	**14.3**		mg/kg dry	0.954	1	EPA 6010D	02/09/2023 08:50	02/10/2023 15:56	CW
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7440-09-7	**Potassium**	**647**	B	mg/kg dry	4.79	1	EPA 6010D	02/09/2023 08:50	02/10/2023 15:56	CW
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7782-49-2	Selenium	ND		mg/kg dry	2.40	1	EPA 6010D	02/09/2023 08:50	02/10/2023 15:56	CW
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7440-22-4	Silver	ND		mg/kg dry	0.483	1	EPA 6010D	02/09/2023 08:50	02/10/2023 15:56	CW
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7440-23-5	**Sodium**	**98.9**		mg/kg dry	47.9	1	EPA 6010D	02/09/2023 08:50	02/10/2023 15:56	CW
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7440-28-0	Thallium	ND		mg/kg dry	2.40	1	EPA 6010D	02/09/2023 08:50	02/10/2023 15:56	CW
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7440-62-2	**Vanadium**	**19.0**		mg/kg dry	0.954	1	EPA 6010D	02/09/2023 08:50	02/10/2023 15:56	CW
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7440-66-6	**Zinc**	**415**		mg/kg dry	2.39	1	EPA 6010D	02/09/2023 08:50	02/10/2023 15:56	CW
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		

Mercury by 7473

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 7473 soil

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	**Mercury**	**0.238**		mg/kg dry	0.0345	1	EPA 7473	02/07/2023 11:17	02/07/2023 14:03	PDL
							Certifications:	CTDOH-PH-0723,NJDEP,NELAC-NY10854,PADEP		

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**	**87.0**		%	0.100	1	SM 2540G	02/07/2023 07:41	02/07/2023 12:53	sgs
							Certifications:	CTDOH-PH-0723		

Sample Information

Client Sample ID: SB-3 (4-6 ft) **York Sample ID:** 23B0078-06

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23B0078	B 62nd Street	Soil	February 1, 2023 10:46 am	02/02/2023

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	5.1	10	1	EPA 8260C	02/03/2023 09:00	02/03/2023 22:09	FTR
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
71-55-6	1,1,1-Trichloroethane	ND		ug/kg dry	5.1	10	1	EPA 8260C	02/03/2023 09:00	02/03/2023 22:09	FTR
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/kg dry	5.1	10	1	EPA 8260C	02/03/2023 09:00	02/03/2023 22:09	FTR
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/kg dry	5.1	10	1	EPA 8260C	02/03/2023 09:00	02/03/2023 22:09	FTR
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP		
79-00-5	1,1,2-Trichloroethane	ND		ug/kg dry	5.1	10	1	EPA 8260C	02/03/2023 09:00	02/03/2023 22:09	FTR
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
75-34-3	1,1-Dichloroethane	ND		ug/kg dry	5.1	10	1	EPA 8260C	02/03/2023 09:00	02/03/2023 22:09	FTR
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
75-35-4	1,1-Dichloroethylene	ND		ug/kg dry	5.1	10	1	EPA 8260C	02/03/2023 09:00	02/03/2023 22:09	FTR
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
87-61-6	1,2,3-Trichlorobenzene	ND		ug/kg dry	5.1	10	1	EPA 8260C	02/03/2023 09:00	02/03/2023 22:09	FTR
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
96-18-4	1,2,3-Trichloropropane	ND		ug/kg dry	5.1	10	1	EPA 8260C	02/03/2023 09:00	02/03/2023 22:09	FTR
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP		
120-82-1	1,2,4-Trichlorobenzene	ND		ug/kg dry	5.1	10	1	EPA 8260C	02/03/2023 09:00	02/03/2023 22:09	FTR
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
95-63-6	1,2,4-Trimethylbenzene	ND		ug/kg dry	5.1	10	1	EPA 8260C	02/03/2023 09:00	02/03/2023 22:09	FTR
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/kg dry	5.1	10	1	EPA 8260C	02/03/2023 09:00	02/03/2023 22:09	FTR
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
106-93-4	1,2-Dibromoethane	ND		ug/kg dry	5.1	10	1	EPA 8260C	02/03/2023 09:00	02/03/2023 22:09	FTR
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
95-50-1	1,2-Dichlorobenzene	ND		ug/kg dry	5.1	10	1	EPA 8260C	02/03/2023 09:00	02/03/2023 22:09	FTR
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
107-06-2	1,2-Dichloroethane	ND		ug/kg dry	5.1	10	1	EPA 8260C	02/03/2023 09:00	02/03/2023 22:09	FTR
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
78-87-5	1,2-Dichloropropane	ND		ug/kg dry	5.1	10	1	EPA 8260C	02/03/2023 09:00	02/03/2023 22:09	FTR
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
108-67-8	1,3,5-Trimethylbenzene	ND		ug/kg dry	5.1	10	1	EPA 8260C	02/03/2023 09:00	02/03/2023 22:09	FTR
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
541-73-1	1,3-Dichlorobenzene	ND		ug/kg dry	5.1	10	1	EPA 8260C	02/03/2023 09:00	02/03/2023 22:09	FTR
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
106-46-7	1,4-Dichlorobenzene	ND		ug/kg dry	5.1	10	1	EPA 8260C	02/03/2023 09:00	02/03/2023 22:09	FTR
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
123-91-1	1,4-Dioxane	ND		ug/kg dry	100	200	1	EPA 8260C	02/03/2023 09:00	02/03/2023 22:09	FTR
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
78-93-3	2-Butanone	ND		ug/kg dry	5.1	10	1	EPA 8260C	02/03/2023 09:00	02/03/2023 22:09	FTR
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
591-78-6	2-Hexanone	ND		ug/kg dry	5.1	10	1	EPA 8260C	02/03/2023 09:00	02/03/2023 22:09	FTR
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
108-10-1	4-Methyl-2-pentanone	ND		ug/kg dry	5.1	10	1	EPA 8260C	02/03/2023 09:00	02/03/2023 22:09	FTR
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		

Sample Information

Client Sample ID: SB-3 (4-6 ft) **York Sample ID:** 23B0078-06

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23B0078	B 62nd Street	Soil	February 1, 2023 10:46 am	02/02/2023

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
67-64-1	Acetone	ND		ug/kg dry	10	20	1	EPA 8260C Certifications:	02/03/2023 09:00	02/03/2023 22:09	FTR CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
107-02-8	Acrolein	ND		ug/kg dry	10	20	1	EPA 8260C Certifications:	02/03/2023 09:00	02/03/2023 22:09	FTR CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
107-13-1	Acrylonitrile	ND		ug/kg dry	5.1	10	1	EPA 8260C Certifications:	02/03/2023 09:00	02/03/2023 22:09	FTR CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
71-43-2	Benzene	ND		ug/kg dry	5.1	10	1	EPA 8260C Certifications:	02/03/2023 09:00	02/03/2023 22:09	FTR CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
74-97-5	Bromochloromethane	ND		ug/kg dry	5.1	10	1	EPA 8260C Certifications:	02/03/2023 09:00	02/03/2023 22:09	FTR NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
75-27-4	Bromodichloromethane	ND		ug/kg dry	5.1	10	1	EPA 8260C Certifications:	02/03/2023 09:00	02/03/2023 22:09	FTR CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
75-25-2	Bromoform	ND		ug/kg dry	5.1	10	1	EPA 8260C Certifications:	02/03/2023 09:00	02/03/2023 22:09	FTR CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
74-83-9	Bromomethane	ND		ug/kg dry	5.1	10	1	EPA 8260C Certifications:	02/03/2023 09:00	02/03/2023 22:09	FTR CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
75-15-0	Carbon disulfide	ND		ug/kg dry	5.1	10	1	EPA 8260C Certifications:	02/03/2023 09:00	02/03/2023 22:09	FTR CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
56-23-5	Carbon tetrachloride	ND		ug/kg dry	5.1	10	1	EPA 8260C Certifications:	02/03/2023 09:00	02/03/2023 22:09	FTR CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
108-90-7	Chlorobenzene	ND		ug/kg dry	5.1	10	1	EPA 8260C Certifications:	02/03/2023 09:00	02/03/2023 22:09	FTR CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
75-00-3	Chloroethane	ND		ug/kg dry	5.1	10	1	EPA 8260C Certifications:	02/03/2023 09:00	02/03/2023 22:09	FTR CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
67-66-3	Chloroform	ND		ug/kg dry	5.1	10	1	EPA 8260C Certifications:	02/03/2023 09:00	02/03/2023 22:09	FTR CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
74-87-3	Chloromethane	ND		ug/kg dry	5.1	10	1	EPA 8260C Certifications:	02/03/2023 09:00	02/03/2023 22:09	FTR CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
156-59-2	cis-1,2-Dichloroethylene	ND		ug/kg dry	5.1	10	1	EPA 8260C Certifications:	02/03/2023 09:00	02/03/2023 22:09	FTR CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/kg dry	5.1	10	1	EPA 8260C Certifications:	02/03/2023 09:00	02/03/2023 22:09	FTR CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
110-82-7	Cyclohexane	ND		ug/kg dry	5.1	10	1	EPA 8260C Certifications:	02/03/2023 09:00	02/03/2023 22:09	FTR NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
124-48-1	Dibromochloromethane	ND		ug/kg dry	5.1	10	1	EPA 8260C Certifications:	02/03/2023 09:00	02/03/2023 22:09	FTR NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
74-95-3	Dibromomethane	ND		ug/kg dry	5.1	10	1	EPA 8260C Certifications:	02/03/2023 09:00	02/03/2023 22:09	FTR NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
75-71-8	Dichlorodifluoromethane	ND		ug/kg dry	5.1	10	1	EPA 8260C Certifications:	02/03/2023 09:00	02/03/2023 22:09	FTR NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
100-41-4	Ethyl Benzene	ND		ug/kg dry	5.1	10	1	EPA 8260C Certifications:	02/03/2023 09:00	02/03/2023 22:09	FTR CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
87-68-3	Hexachlorobutadiene	ND		ug/kg dry	5.1	10	1	EPA 8260C Certifications:	02/03/2023 09:00	02/03/2023 22:09	FTR NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
98-82-8	Isopropylbenzene	ND		ug/kg dry	5.1	10	1	EPA 8260C Certifications:	02/03/2023 09:00	02/03/2023 22:09	FTR CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI

Sample Information

Client Sample ID: SB-3 (4-6 ft) **York Sample ID:** 23B0078-06

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23B0078	B 62nd Street	Soil	February 1, 2023 10:46 am	02/02/2023

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
79-20-9	Methyl acetate	ND		ug/kg dry	5.1	10	1	EPA 8260C Certifications:	02/03/2023 09:00 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	02/03/2023 22:09	FTR
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/kg dry	5.1	10	1	EPA 8260C Certifications:	02/03/2023 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	02/03/2023 22:09	FTR
108-87-2	Methylcyclohexane	ND		ug/kg dry	5.1	10	1	EPA 8260C Certifications:	02/03/2023 09:00 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	02/03/2023 22:09	FTR
75-09-2	Methylene chloride	ND		ug/kg dry	10	20	1	EPA 8260C Certifications:	02/03/2023 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	02/03/2023 22:09	FTR
104-51-8	n-Butylbenzene	ND		ug/kg dry	5.1	10	1	EPA 8260C Certifications:	02/03/2023 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	02/03/2023 22:09	FTR
103-65-1	n-Propylbenzene	ND		ug/kg dry	5.1	10	1	EPA 8260C Certifications:	02/03/2023 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	02/03/2023 22:09	FTR
95-47-6	o-Xylene	ND		ug/kg dry	5.1	10	1	EPA 8260C Certifications:	02/03/2023 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP	02/03/2023 22:09	FTR
179601-23-1	p- & m- Xylenes	ND		ug/kg dry	10	20	1	EPA 8260C Certifications:	02/03/2023 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP	02/03/2023 22:09	FTR
99-87-6	p-Isopropyltoluene	ND		ug/kg dry	5.1	10	1	EPA 8260C Certifications:	02/03/2023 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	02/03/2023 22:09	FTR
135-98-8	sec-Butylbenzene	ND		ug/kg dry	5.1	10	1	EPA 8260C Certifications:	02/03/2023 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	02/03/2023 22:09	FTR
100-42-5	Styrene	ND		ug/kg dry	5.1	10	1	EPA 8260C Certifications:	02/03/2023 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	02/03/2023 22:09	FTR
75-65-0	tert-Butyl alcohol (TBA)	ND		ug/kg dry	5.1	10	1	EPA 8260C Certifications:	02/03/2023 09:00 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	02/03/2023 22:09	FTR
98-06-6	tert-Butylbenzene	ND		ug/kg dry	5.1	10	1	EPA 8260C Certifications:	02/03/2023 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	02/03/2023 22:09	FTR
127-18-4	Tetrachloroethylene	ND		ug/kg dry	5.1	10	1	EPA 8260C Certifications:	02/03/2023 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	02/03/2023 22:09	FTR
108-88-3	Toluene	ND		ug/kg dry	5.1	10	1	EPA 8260C Certifications:	02/03/2023 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	02/03/2023 22:09	FTR
156-60-5	trans-1,2-Dichloroethylene	ND		ug/kg dry	5.1	10	1	EPA 8260C Certifications:	02/03/2023 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	02/03/2023 22:09	FTR
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/kg dry	5.1	10	1	EPA 8260C Certifications:	02/03/2023 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	02/03/2023 22:09	FTR
110-57-6	* trans-1,4-dichloro-2-butene	ND		ug/kg dry	5.1	10	1	EPA 8260C Certifications:	02/03/2023 09:00 CTDOH-PH-0723	02/03/2023 22:09	FTR
79-01-6	Trichloroethylene	ND		ug/kg dry	5.1	10	1	EPA 8260C Certifications:	02/03/2023 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	02/03/2023 22:09	FTR
75-69-4	Trichlorofluoromethane	ND		ug/kg dry	5.1	10	1	EPA 8260C Certifications:	02/03/2023 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	02/03/2023 22:09	FTR
75-01-4	Vinyl Chloride	ND		ug/kg dry	5.1	10	1	EPA 8260C Certifications:	02/03/2023 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	02/03/2023 22:09	FTR
1330-20-7	Xylenes, Total	ND		ug/kg dry	15	31	1	EPA 8260C Certifications:	02/03/2023 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP	02/03/2023 22:09	FTR

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: SURR: 1,2-Dichloroethane-d4*	*99.6 %*	*77-125*

Sample Information

Client Sample ID: SB-3 (4-6 ft) **York Sample ID:** 23B0078-06

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23B0078	B 62nd Street	Soil	February 1, 2023 10:46 am	02/02/2023

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
2037-26-5	*Surrogate: SURR: Toluene-d8*	*92.2 %*			*85-120*						
460-00-4	*Surrogate: SURR: p-Bromofluorobenzene*	*106 %*			*76-130*						

Semi-Volatiles, 8270 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
92-52-4	1,1-Biphenyl	ND		ug/kg dry	55.6	111	2	EPA 8270D Certifications:	02/08/2023 08:08 NELAC-NY10854,NJDEP,PADEP	02/09/2023 22:26	KH
95-94-3	1,2,4,5-Tetrachlorobenzene	ND		ug/kg dry	111	222	2	EPA 8270D Certifications:	02/08/2023 08:08 NELAC-NY10854,NJDEP,PADEP	02/09/2023 22:26	KH
120-82-1	1,2,4-Trichlorobenzene	ND		ug/kg dry	55.6	111	2	EPA 8270D Certifications:	02/08/2023 08:08 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	02/09/2023 22:26	KH
95-50-1	1,2-Dichlorobenzene	ND		ug/kg dry	55.6	111	2	EPA 8270D Certifications:	02/08/2023 08:08 NELAC-NY10854,PADEP	02/09/2023 22:26	KH
122-66-7	1,2-Diphenylhydrazine (as Azobenzene)	ND		ug/kg dry	55.6	111	2	EPA 8270D Certifications:	02/08/2023 08:08 NELAC-NY10854,NJDEP,PADEP	02/09/2023 22:26	KH
541-73-1	1,3-Dichlorobenzene	ND		ug/kg dry	55.6	111	2	EPA 8270D Certifications:	02/08/2023 08:08 NELAC-NY10854,PADEP	02/09/2023 22:26	KH
106-46-7	1,4-Dichlorobenzene	ND		ug/kg dry	55.6	111	2	EPA 8270D Certifications:	02/08/2023 08:08 NELAC-NY10854,PADEP	02/09/2023 22:26	KH
58-90-2	2,3,4,6-Tetrachlorophenol	ND		ug/kg dry	111	222	2	EPA 8270D Certifications:	02/08/2023 08:08 NELAC-NY10854,NJDEP,PADEP	02/09/2023 22:26	KH
95-95-4	2,4,5-Trichlorophenol	ND		ug/kg dry	55.6	111	2	EPA 8270D Certifications:	02/08/2023 08:08 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	02/09/2023 22:26	KH
88-06-2	2,4,6-Trichlorophenol	ND		ug/kg dry	55.6	111	2	EPA 8270D Certifications:	02/08/2023 08:08 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	02/09/2023 22:26	KH
120-83-2	2,4-Dichlorophenol	ND		ug/kg dry	55.6	111	2	EPA 8270D Certifications:	02/08/2023 08:08 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	02/09/2023 22:26	KH
105-67-9	2,4-Dimethylphenol	ND		ug/kg dry	55.6	111	2	EPA 8270D Certifications:	02/08/2023 08:08 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	02/09/2023 22:26	KH
51-28-5	2,4-Dinitrophenol	ND	CAL-E	ug/kg dry	111	222	2	EPA 8270D Certifications:	02/08/2023 08:08 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	02/09/2023 22:26	KH
121-14-2	2,4-Dinitrotoluene	ND		ug/kg dry	55.6	111	2	EPA 8270D Certifications:	02/08/2023 08:08 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	02/09/2023 22:26	KH
606-20-2	2,6-Dinitrotoluene	ND		ug/kg dry	55.6	111	2	EPA 8270D Certifications:	02/08/2023 08:08 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	02/09/2023 22:26	KH
91-58-7	2-Chloronaphthalene	ND		ug/kg dry	55.6	111	2	EPA 8270D Certifications:	02/08/2023 08:08 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	02/09/2023 22:26	KH
95-57-8	2-Chlorophenol	ND		ug/kg dry	55.6	111	2	EPA 8270D Certifications:	02/08/2023 08:08 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	02/09/2023 22:26	KH
91-57-6	2-Methylnaphthalene	ND		ug/kg dry	55.6	111	2	EPA 8270D Certifications:	02/08/2023 08:08 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	02/09/2023 22:26	KH
95-48-7	2-Methylphenol	ND		ug/kg dry	55.6	111	2	EPA 8270D Certifications:	02/08/2023 08:08 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	02/09/2023 22:26	KH

Sample Information

Client Sample ID: SB-3 (4-6 ft) **York Sample ID:** 23B0078-06

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23B0078	B 62nd Street	Soil	February 1, 2023 10:46 am	02/02/2023

Semi-Volatiles, 8270 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
88-74-4	2-Nitroaniline	ND		ug/kg dry	111	222	2	EPA 8270D Certifications:	02/08/2023 08:08 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	02/09/2023 22:26	KH
88-75-5	2-Nitrophenol	ND		ug/kg dry	55.6	111	2	EPA 8270D Certifications:	02/08/2023 08:08 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	02/09/2023 22:26	KH
65794-96-9	3- & 4-Methylphenols	ND		ug/kg dry	55.6	111	2	EPA 8270D Certifications:	02/08/2023 08:08 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	02/09/2023 22:26	KH
91-94-1	3,3-Dichlorobenzidine	ND		ug/kg dry	55.6	111	2	EPA 8270D Certifications:	02/08/2023 08:08 NELAC-NY10854,NJDEP,PADEP	02/09/2023 22:26	KH
99-09-2	3-Nitroaniline	ND		ug/kg dry	111	222	2	EPA 8270D Certifications:	02/08/2023 08:08 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	02/09/2023 22:26	KH
534-52-1	4,6-Dinitro-2-methylphenol	ND	CAL-E	ug/kg dry	111	222	2	EPA 8270D Certifications:	02/08/2023 08:08 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	02/09/2023 22:26	KH
101-55-3	4-Bromophenyl phenyl ether	ND		ug/kg dry	55.6	111	2	EPA 8270D Certifications:	02/08/2023 08:08 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	02/09/2023 22:26	KH
59-50-7	4-Chloro-3-methylphenol	ND		ug/kg dry	55.6	111	2	EPA 8270D Certifications:	02/08/2023 08:08 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	02/09/2023 22:26	KH
106-47-8	4-Chloroaniline	ND		ug/kg dry	55.6	111	2	EPA 8270D Certifications:	02/08/2023 08:08 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	02/09/2023 22:26	KH
7005-72-3	4-Chlorophenyl phenyl ether	ND		ug/kg dry	55.6	111	2	EPA 8270D Certifications:	02/08/2023 08:08 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	02/09/2023 22:26	KH
100-01-6	4-Nitroaniline	ND		ug/kg dry	111	222	2	EPA 8270D Certifications:	02/08/2023 08:08 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	02/09/2023 22:26	KH
100-02-7	4-Nitrophenol	ND		ug/kg dry	111	222	2	EPA 8270D Certifications:	02/08/2023 08:08 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	02/09/2023 22:26	KH
83-32-9	Acenaphthene	ND		ug/kg dry	55.6	111	2	EPA 8270D Certifications:	02/08/2023 08:08 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	02/09/2023 22:26	KH
208-96-8	Acenaphthylene	ND		ug/kg dry	55.6	111	2	EPA 8270D Certifications:	02/08/2023 08:08 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	02/09/2023 22:26	KH
98-86-2	Acetophenone	ND		ug/kg dry	55.6	111	2	EPA 8270D Certifications:	02/08/2023 08:08 NELAC-NY10854,NJDEP,PADEP	02/09/2023 22:26	KH
62-53-3	Aniline	ND		ug/kg dry	222	445	2	EPA 8270D Certifications:	02/08/2023 08:08 NELAC-NY10854,NJDEP,PADEP	02/09/2023 22:26	KH
120-12-7	**Anthracene**	**99.4**	J	ug/kg dry	55.6	111	2	EPA 8270D Certifications:	02/08/2023 08:08 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	02/09/2023 22:26	KH
1912-24-9	Atrazine	ND		ug/kg dry	55.6	111	2	EPA 8270D Certifications:	02/08/2023 08:08 NELAC-NY10854,NJDEP,PADEP	02/09/2023 22:26	KH
100-52-7	Benzaldehyde	ND		ug/kg dry	55.6	111	2	EPA 8270D Certifications:	02/08/2023 08:08 NELAC-NY10854,NJDEP,PADEP	02/09/2023 22:26	KH
92-87-5	Benzidine	ND	CCVE	ug/kg dry	222	445	2	EPA 8270D Certifications:	02/08/2023 08:08 CTDOH-PH-0723,NELAC-NY10854,PADEP	02/09/2023 22:26	KH
56-55-3	**Benzo(a)anthracene**	**331**		ug/kg dry	55.6	111	2	EPA 8270D Certifications:	02/08/2023 08:08 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	02/09/2023 22:26	KH
50-32-8	**Benzo(a)pyrene**	**286**		ug/kg dry	55.6	111	2	EPA 8270D Certifications:	02/08/2023 08:08 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	02/09/2023 22:26	KH
205-99-2	**Benzo(b)fluoranthene**	**249**		ug/kg dry	55.6	111	2	EPA 8270D Certifications:	02/08/2023 08:08 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	02/09/2023 22:26	KH

Sample Information

Client Sample ID: SB-3 (4-6 ft) **York Sample ID:** 23B0078-06

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23B0078	B 62nd Street	Soil	February 1, 2023 10:46 am	02/02/2023

Semi-Volatiles, 8270 - Comprehensive **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
191-24-2	**Benzo(g,h,i)perylene**	**178**		ug/kg dry	55.6	111	2	EPA 8270D	02/08/2023 08:08	02/09/2023 22:26	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
207-08-9	**Benzo(k)fluoranthene**	**244**		ug/kg dry	55.6	111	2	EPA 8270D	02/08/2023 08:08	02/09/2023 22:26	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
65-85-0	Benzoic acid	ND	QL-02	ug/kg dry	55.6	111	2	EPA 8270D	02/08/2023 08:08	02/09/2023 22:26	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
100-51-6	Benzyl alcohol	ND		ug/kg dry	55.6	111	2	EPA 8270D	02/08/2023 08:08	02/09/2023 22:26	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
85-68-7	Benzyl butyl phthalate	ND		ug/kg dry	55.6	111	2	EPA 8270D	02/08/2023 08:08	02/09/2023 22:26	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
111-91-1	Bis(2-chloroethoxy)methane	ND		ug/kg dry	55.6	111	2	EPA 8270D	02/08/2023 08:08	02/09/2023 22:26	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
111-44-4	Bis(2-chloroethyl)ether	ND		ug/kg dry	55.6	111	2	EPA 8270D	02/08/2023 08:08	02/09/2023 22:26	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
108-60-1	Bis(2-chloroisopropyl)ether	ND		ug/kg dry	55.6	111	2	EPA 8270D	02/08/2023 08:08	02/09/2023 22:26	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
117-81-7	Bis(2-ethylhexyl)phthalate	ND		ug/kg dry	55.6	111	2	EPA 8270D	02/08/2023 08:08	02/09/2023 22:26	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
105-60-2	Caprolactam	ND		ug/kg dry	111	222	2	EPA 8270D	02/08/2023 08:08	02/09/2023 22:26	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
86-74-8	Carbazole	ND		ug/kg dry	55.6	111	2	EPA 8270D	02/08/2023 08:08	02/09/2023 22:26	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
218-01-9	**Chrysene**	**322**		ug/kg dry	55.6	111	2	EPA 8270D	02/08/2023 08:08	02/09/2023 22:26	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
53-70-3	Dibenzo(a,h)anthracene	ND		ug/kg dry	55.6	111	2	EPA 8270D	02/08/2023 08:08	02/09/2023 22:26	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
132-64-9	Dibenzofuran	ND		ug/kg dry	55.6	111	2	EPA 8270D	02/08/2023 08:08	02/09/2023 22:26	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
84-66-2	Diethyl phthalate	ND		ug/kg dry	55.6	111	2	EPA 8270D	02/08/2023 08:08	02/09/2023 22:26	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
131-11-3	Dimethyl phthalate	ND		ug/kg dry	55.6	111	2	EPA 8270D	02/08/2023 08:08	02/09/2023 22:26	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
84-74-2	Di-n-butyl phthalate	ND		ug/kg dry	55.6	111	2	EPA 8270D	02/08/2023 08:08	02/09/2023 22:26	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
117-84-0	Di-n-octyl phthalate	ND		ug/kg dry	55.6	111	2	EPA 8270D	02/08/2023 08:08	02/09/2023 22:26	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
122-39-4	* Diphenylamine	ND		ug/kg dry	111	222	2	EPA 8270D	02/08/2023 08:08	02/09/2023 22:26	KH
								Certifications:			
206-44-0	**Fluoranthene**	**681**		ug/kg dry	55.6	111	2	EPA 8270D	02/08/2023 08:08	02/09/2023 22:26	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
86-73-7	Fluorene	ND		ug/kg dry	55.6	111	2	EPA 8270D	02/08/2023 08:08	02/09/2023 22:26	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
118-74-1	Hexachlorobenzene	ND		ug/kg dry	55.6	111	2	EPA 8270D	02/08/2023 08:08	02/09/2023 22:26	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
87-68-3	Hexachlorobutadiene	ND		ug/kg dry	55.6	111	2	EPA 8270D	02/08/2023 08:08	02/09/2023 22:26	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		

Sample Information

Client Sample ID: SB-3 (4-6 ft) **York Sample ID:** 23B0078-06

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23B0078	B 62nd Street	Soil	February 1, 2023 10:46 am	02/02/2023

Semi-Volatiles, 8270 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
77-47-4	Hexachlorocyclopentadiene	ND	CCVE	ug/kg dry	55.6	111	2	EPA 8270D Certifications:	02/08/2023 08:08 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	02/09/2023 22:26	KH
67-72-1	Hexachloroethane	ND		ug/kg dry	55.6	111	2	EPA 8270D Certifications:	02/08/2023 08:08 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	02/09/2023 22:26	KH
193-39-5	**Indeno(1,2,3-cd)pyrene**	**197**		ug/kg dry	55.6	111	2	EPA 8270D Certifications:	02/08/2023 08:08 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	02/09/2023 22:26	KH
78-59-1	Isophorone	ND		ug/kg dry	55.6	111	2	EPA 8270D Certifications:	02/08/2023 08:08 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	02/09/2023 22:26	KH
91-20-3	Naphthalene	ND		ug/kg dry	55.6	111	2	EPA 8270D Certifications:	02/08/2023 08:08 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	02/09/2023 22:26	KH
98-95-3	Nitrobenzene	ND		ug/kg dry	55.6	111	2	EPA 8270D Certifications:	02/08/2023 08:08 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	02/09/2023 22:26	KH
62-75-9	N-Nitrosodimethylamine	ND		ug/kg dry	55.6	111	2	EPA 8270D Certifications:	02/08/2023 08:08 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	02/09/2023 22:26	KH
621-64-7	N-nitroso-di-n-propylamine	ND		ug/kg dry	55.6	111	2	EPA 8270D Certifications:	02/08/2023 08:08 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	02/09/2023 22:26	KH
86-30-6	N-Nitrosodiphenylamine	ND		ug/kg dry	55.6	111	2	EPA 8270D Certifications:	02/08/2023 08:08 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	02/09/2023 22:26	KH
87-86-5	Pentachlorophenol	ND		ug/kg dry	55.6	111	2	EPA 8270D Certifications:	02/08/2023 08:08 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	02/09/2023 22:26	KH
85-01-8	**Phenanthrene**	**430**		ug/kg dry	55.6	111	2	EPA 8270D Certifications:	02/08/2023 08:08 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	02/09/2023 22:26	KH
108-95-2	Phenol	ND		ug/kg dry	55.6	111	2	EPA 8270D Certifications:	02/08/2023 08:08 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	02/09/2023 22:26	KH
129-00-0	**Pyrene**	**672**		ug/kg dry	55.6	111	2	EPA 8270D Certifications:	02/08/2023 08:08 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	02/09/2023 22:26	KH

	Surrogate Recoveries	Result	Acceptance Range
367-12-4	*Surrogate: SURR: 2-Fluorophenol*	*75.0 %*	*20-108*
13127-88-3	*Surrogate: SURR: Phenol-d6*	*76.4 %*	*23-114*
4165-60-0	*Surrogate: SURR: Nitrobenzene-d5*	*88.8 %*	*22-108*
321-60-8	*Surrogate: SURR: 2-Fluorobiphenyl*	*72.6 %*	*21-113*
118-79-6	*Surrogate: SURR: 2,4,6-Tribromophenol*	*80.9 %*	*19-110*
1718-51-0	*Surrogate: SURR: Terphenyl-d14*	*84.5 %*	*24-116*

Pesticides, 8081 target list

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
72-54-8	4,4'-DDD	ND		ug/kg dry	2.20	5	EPA 8081B Certifications:	02/07/2023 07:57 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	02/10/2023 03:38	BJ-
72-55-9	4,4'-DDE	ND		ug/kg dry	2.20	5	EPA 8081B Certifications:	02/07/2023 07:57 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	02/10/2023 03:38	BJ-

Sample Information

Client Sample ID: SB-3 (4-6 ft) **York Sample ID:** 23B0078-06

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23B0078	B 62nd Street	Soil	February 1, 2023 10:46 am	02/02/2023

Pesticides, 8081 target list

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
50-29-3	**4,4'-DDT**	**4.03**		ug/kg dry	2.20	5	EPA 8081B	02/07/2023 07:57	02/10/2023 03:38	BJ-
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
309-00-2	Aldrin	ND		ug/kg dry	2.20	5	EPA 8081B	02/07/2023 07:57	02/10/2023 03:38	BJ-
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
319-84-6	alpha-BHC	ND		ug/kg dry	2.20	5	EPA 8081B	02/07/2023 07:57	02/10/2023 03:38	BJ-
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
319-85-7	beta-BHC	ND		ug/kg dry	2.20	5	EPA 8081B	02/07/2023 07:57	02/10/2023 03:38	BJ-
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
12789-03-6	Chlordane, total	ND		ug/kg dry	43.9	5	EPA 8081B	02/07/2023 07:57	02/10/2023 03:38	BJ-
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
319-86-8	delta-BHC	ND		ug/kg dry	2.20	5	EPA 8081B	02/07/2023 07:57	02/10/2023 03:38	BJ-
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
60-57-1	Dieldrin	ND		ug/kg dry	2.20	5	EPA 8081B	02/07/2023 07:57	02/10/2023 03:38	BJ-
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
959-98-8	Endosulfan I	ND		ug/kg dry	2.20	5	EPA 8081B	02/07/2023 07:57	02/10/2023 03:38	BJ-
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
33213-65-9	Endosulfan II	ND		ug/kg dry	2.20	5	EPA 8081B	02/07/2023 07:57	02/10/2023 03:38	BJ-
							Certifications:	CTDOH-PH-0723,NELAC-NY10854		
1031-07-8	Endosulfan sulfate	ND		ug/kg dry	2.20	5	EPA 8081B	02/07/2023 07:57	02/10/2023 03:38	BJ-
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
72-20-8	Endrin	ND		ug/kg dry	2.20	5	EPA 8081B	02/07/2023 07:57	02/10/2023 03:38	BJ-
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7421-93-4	Endrin aldehyde	ND		ug/kg dry	2.20	5	EPA 8081B	02/07/2023 07:57	02/10/2023 03:38	BJ-
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
53494-70-5	Endrin ketone	ND		ug/kg dry	2.20	5	EPA 8081B	02/07/2023 07:57	02/10/2023 03:38	BJ-
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
58-89-9	gamma-BHC (Lindane)	ND		ug/kg dry	2.20	5	EPA 8081B	02/07/2023 07:57	02/10/2023 03:38	BJ-
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
76-44-8	Heptachlor	ND		ug/kg dry	2.20	5	EPA 8081B	02/07/2023 07:57	02/10/2023 03:38	BJ-
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
1024-57-3	Heptachlor epoxide	ND		ug/kg dry	2.20	5	EPA 8081B	02/07/2023 07:57	02/10/2023 03:38	BJ-
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
72-43-5	Methoxychlor	ND		ug/kg dry	11.0	5	EPA 8081B	02/07/2023 07:57	02/10/2023 03:38	BJ-
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
8001-35-2	Toxaphene	ND		ug/kg dry	111	5	EPA 8081B	02/07/2023 07:57	02/10/2023 03:38	BJ-
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		

	Surrogate Recoveries	Result	Acceptance Range
2051-24-3	*Surrogate: Decachlorobiphenyl*	*86.3 %*	*30-150*
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*55.7 %*	*30-150*

Polychlorinated Biphenyls (PCB)

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst

Sample Information

Client Sample ID: SB-3 (4-6 ft) **York Sample ID:** 23B0078-06

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23B0078	B 62nd Street	Soil	February 1, 2023 10:46 am	02/02/2023

Polychlorinated Biphenyls (PCB)

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
12674-11-2	Aroclor 1016	ND		mg/kg dry	0.0222	1	EPA 8082A Certifications:	02/07/2023 07:57 NELAC-NY10854,CTDOH-PH-0723,NJDEP,PADEP	02/10/2023 02:21	BJ
11104-28-2	Aroclor 1221	ND		mg/kg dry	0.0222	1	EPA 8082A Certifications:	02/07/2023 07:57 NELAC-NY10854,CTDOH-PH-0723,NJDEP,PADEP	02/10/2023 02:21	BJ
11141-16-5	Aroclor 1232	ND		mg/kg dry	0.0222	1	EPA 8082A Certifications:	02/07/2023 07:57 NELAC-NY10854,CTDOH-PH-0723,NJDEP,PADEP	02/10/2023 02:21	BJ
53469-21-9	Aroclor 1242	ND		mg/kg dry	0.0222	1	EPA 8082A Certifications:	02/07/2023 07:57 NELAC-NY10854,CTDOH-PH-0723,NJDEP,PADEP	02/10/2023 02:21	BJ
12672-29-6	Aroclor 1248	ND		mg/kg dry	0.0222	1	EPA 8082A Certifications:	02/07/2023 07:57 NELAC-NY10854,CTDOH-PH-0723,NJDEP,PADEP	02/10/2023 02:21	BJ
11097-69-1	Aroclor 1254	ND		mg/kg dry	0.0222	1	EPA 8082A Certifications:	02/07/2023 07:57 NELAC-NY10854,CTDOH-PH-0723,NJDEP,PADEP	02/10/2023 02:21	BJ
11096-82-5	Aroclor 1260	ND		mg/kg dry	0.0222	1	EPA 8082A Certifications:	02/07/2023 07:57 NELAC-NY10854,CTDOH-PH-0723,NJDEP,PADEP	02/10/2023 02:21	BJ
1336-36-3	* Total PCBs	ND		mg/kg dry	0.0222	1	EPA 8082A Certifications:	02/07/2023 07:57	02/10/2023 02:21	BJ

	Surrogate Recoveries	Result	Acceptance Range
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*79.5 %*	*30-140*
2051-24-3	*Surrogate: Decachlorobiphenyl*	*99.5 %*	*30-140*

Metals, Target Analyte

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7429-90-5	**Aluminum**	**7140**		mg/kg dry	5.58	1	EPA 6010D Certifications:	02/09/2023 08:50 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	02/10/2023 15:58	CW
7440-36-0	**Antimony**	**11.4**	M-CCV 1	mg/kg dry	2.79	1	EPA 6010D Certifications:	02/09/2023 08:50 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	02/10/2023 15:58	CW
7440-38-2	**Arsenic**	**17.6**		mg/kg dry	1.68	1	EPA 6010D Certifications:	02/09/2023 08:50 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	02/10/2023 15:58	CW
7440-39-3	**Barium**	**1330**		mg/kg dry	2.79	1	EPA 6010D Certifications:	02/09/2023 08:50 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	02/10/2023 15:58	CW
7440-41-7	**Beryllium**	**0.678**		mg/kg dry	0.056	1	EPA 6010D Certifications:	02/09/2023 08:50 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	02/10/2023 15:58	CW
7440-43-9	**Cadmium**	**1.72**		mg/kg dry	0.335	1	EPA 6010D Certifications:	02/09/2023 08:50 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	02/10/2023 15:58	CW
7440-70-2	**Calcium**	**7810**		mg/kg dry	5.58	1	EPA 6010D Certifications:	02/09/2023 08:50 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	02/10/2023 15:58	CW
7440-47-3	**Chromium**	**29.0**		mg/kg dry	0.559	1	EPA 6010D Certifications:	02/09/2023 08:50 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	02/10/2023 15:58	CW
7440-48-4	**Cobalt**	**10.7**		mg/kg dry	0.446	1	EPA 6010D Certifications:	02/09/2023 08:50 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	02/10/2023 15:58	CW

Sample Information

Client Sample ID: SB-3 (4-6 ft) **York Sample ID:** 23B0078-06

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23B0078	B 62nd Street	Soil	February 1, 2023 10:46 am	02/02/2023

Metals, Target Analyte

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-50-8	**Copper**	**208**		mg/kg dry	2.23	1	EPA 6010D	02/09/2023 08:50	02/10/2023 15:58	CW
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7439-89-6	**Iron**	**60800**		mg/kg dry	27.9	1	EPA 6010D	02/09/2023 08:50	02/10/2023 15:58	CW
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7439-92-1	**Lead**	**1160**		mg/kg dry	0.559	1	EPA 6010D	02/09/2023 08:50	02/10/2023 15:58	CW
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7439-95-4	**Magnesium**	**1600**		mg/kg dry	5.59	1	EPA 6010D	02/09/2023 08:50	02/10/2023 15:58	CW
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7439-96-5	**Manganese**	**343**		mg/kg dry	0.559	1	EPA 6010D	02/09/2023 08:50	02/10/2023 15:58	CW
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7440-02-0	**Nickel**	**28.0**		mg/kg dry	1.11	1	EPA 6010D	02/09/2023 08:50	02/10/2023 15:58	CW
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7440-09-7	**Potassium**	**751**	B	mg/kg dry	5.59	1	EPA 6010D	02/09/2023 08:50	02/10/2023 15:58	CW
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7782-49-2	Selenium	ND		mg/kg dry	2.79	1	EPA 6010D	02/09/2023 08:50	02/10/2023 15:58	CW
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7440-22-4	Silver	ND		mg/kg dry	0.563	1	EPA 6010D	02/09/2023 08:50	02/10/2023 15:58	CW
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7440-23-5	**Sodium**	**265**		mg/kg dry	55.8	1	EPA 6010D	02/09/2023 08:50	02/10/2023 15:58	CW
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7440-28-0	**Thallium**	**2.94**		mg/kg dry	2.79	1	EPA 6010D	02/09/2023 08:50	02/10/2023 15:58	CW
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7440-62-2	**Vanadium**	**30.6**		mg/kg dry	1.11	1	EPA 6010D	02/09/2023 08:50	02/10/2023 15:58	CW
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7440-66-6	**Zinc**	**1270**		mg/kg dry	2.78	1	EPA 6010D	02/09/2023 08:50	02/10/2023 15:58	CW
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		

Mercury by 7473

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 7473 soil

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	**Mercury**	**0.307**		mg/kg dry	0.0402	1	EPA 7473	02/07/2023 11:17	02/07/2023 14:13	PDL
							Certifications:	CTDOH-PH-0723,NJDEP,NELAC-NY10854,PADEP		

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**	**74.6**		%	0.100	1	SM 2540G	02/07/2023 07:41	02/07/2023 12:53	sgs
							Certifications:	CTDOH-PH-0723		

Sample Information

Client Sample ID: SB-4 (0-2 ft) **York Sample ID:** 23B0078-07

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23B0078	B 62nd Street	Soil	February 1, 2023 12:03 pm	02/02/2023

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	2.6	5.2	1	EPA 8260C Certifications:	02/03/2023 09:00	02/03/2023 22:36 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	FTR
71-55-6	1,1,1-Trichloroethane	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications:	02/03/2023 09:00	02/03/2023 22:36 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	FTR
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications:	02/03/2023 09:00	02/03/2023 22:36 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	FTR
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications:	02/03/2023 09:00	02/03/2023 22:36 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP	FTR
79-00-5	1,1,2-Trichloroethane	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications:	02/03/2023 09:00	02/03/2023 22:36 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	FTR
75-34-3	1,1-Dichloroethane	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications:	02/03/2023 09:00	02/03/2023 22:36 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	FTR
75-35-4	1,1-Dichloroethylene	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications:	02/03/2023 09:00	02/03/2023 22:36 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	FTR
87-61-6	1,2,3-Trichlorobenzene	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications:	02/03/2023 09:00	02/03/2023 22:36 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	FTR
96-18-4	1,2,3-Trichloropropane	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications:	02/03/2023 09:00	02/03/2023 22:36 NELAC-NY10854,NELAC-NY12058,NJDEP	FTR
120-82-1	1,2,4-Trichlorobenzene	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications:	02/03/2023 09:00	02/03/2023 22:36 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	FTR
95-63-6	1,2,4-Trimethylbenzene	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications:	02/03/2023 09:00	02/03/2023 22:36 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	FTR
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications:	02/03/2023 09:00	02/03/2023 22:36 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	FTR
106-93-4	1,2-Dibromoethane	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications:	02/03/2023 09:00	02/03/2023 22:36 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	FTR
95-50-1	1,2-Dichlorobenzene	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications:	02/03/2023 09:00	02/03/2023 22:36 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	FTR
107-06-2	1,2-Dichloroethane	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications:	02/03/2023 09:00	02/03/2023 22:36 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	FTR
78-87-5	1,2-Dichloropropane	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications:	02/03/2023 09:00	02/03/2023 22:36 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	FTR
108-67-8	1,3,5-Trimethylbenzene	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications:	02/03/2023 09:00	02/03/2023 22:36 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	FTR
541-73-1	1,3-Dichlorobenzene	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications:	02/03/2023 09:00	02/03/2023 22:36 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	FTR
106-46-7	1,4-Dichlorobenzene	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications:	02/03/2023 09:00	02/03/2023 22:36 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	FTR
123-91-1	1,4-Dioxane	ND		ug/kg dry	52	100	1	EPA 8260C Certifications:	02/03/2023 09:00	02/03/2023 22:36 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	FTR
78-93-3	2-Butanone	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications:	02/03/2023 09:00	02/03/2023 22:36 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	FTR
591-78-6	2-Hexanone	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications:	02/03/2023 09:00	02/03/2023 22:36 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	FTR
108-10-1	4-Methyl-2-pentanone	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications:	02/03/2023 09:00	02/03/2023 22:36 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	FTR

Sample Information

Client Sample ID: SB-4 (0-2 ft) **York Sample ID:** 23B0078-07

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23B0078	B 62nd Street	Soil	February 1, 2023 12:03 pm	02/02/2023

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
67-64-1	Acetone	ND		ug/kg dry	5.2	10	1	EPA 8260C Certifications:	02/03/2023 09:00	02/03/2023 22:36	FTR CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
107-02-8	Acrolein	ND		ug/kg dry	5.2	10	1	EPA 8260C Certifications:	02/03/2023 09:00	02/03/2023 22:36	FTR CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
107-13-1	Acrylonitrile	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications:	02/03/2023 09:00	02/03/2023 22:36	FTR CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
71-43-2	Benzene	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications:	02/03/2023 09:00	02/03/2023 22:36	FTR CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
74-97-5	Bromochloromethane	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications:	02/03/2023 09:00	02/03/2023 22:36	FTR NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
75-27-4	Bromodichloromethane	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications:	02/03/2023 09:00	02/03/2023 22:36	FTR CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
75-25-2	Bromoform	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications:	02/03/2023 09:00	02/03/2023 22:36	FTR CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
74-83-9	Bromomethane	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications:	02/03/2023 09:00	02/03/2023 22:36	FTR CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
75-15-0	Carbon disulfide	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications:	02/03/2023 09:00	02/03/2023 22:36	FTR CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
56-23-5	Carbon tetrachloride	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications:	02/03/2023 09:00	02/03/2023 22:36	FTR CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
108-90-7	Chlorobenzene	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications:	02/03/2023 09:00	02/03/2023 22:36	FTR CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
75-00-3	Chloroethane	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications:	02/03/2023 09:00	02/03/2023 22:36	FTR CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
67-66-3	Chloroform	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications:	02/03/2023 09:00	02/03/2023 22:36	FTR CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
74-87-3	Chloromethane	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications:	02/03/2023 09:00	02/03/2023 22:36	FTR CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
156-59-2	cis-1,2-Dichloroethylene	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications:	02/03/2023 09:00	02/03/2023 22:36	FTR CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications:	02/03/2023 09:00	02/03/2023 22:36	FTR CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
110-82-7	Cyclohexane	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications:	02/03/2023 09:00	02/03/2023 22:36	FTR NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
124-48-1	Dibromochloromethane	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications:	02/03/2023 09:00	02/03/2023 22:36	FTR NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
74-95-3	Dibromomethane	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications:	02/03/2023 09:00	02/03/2023 22:36	FTR NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
75-71-8	Dichlorodifluoromethane	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications:	02/03/2023 09:00	02/03/2023 22:36	FTR NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
100-41-4	Ethyl Benzene	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications:	02/03/2023 09:00	02/03/2023 22:36	FTR CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
87-68-3	Hexachlorobutadiene	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications:	02/03/2023 09:00	02/03/2023 22:36	FTR NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
98-82-8	Isopropylbenzene	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications:	02/03/2023 09:00	02/03/2023 22:36	FTR CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI

Sample Information

Client Sample ID: SB-4 (0-2 ft) **York Sample ID:** 23B0078-07

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23B0078	B 62nd Street	Soil	February 1, 2023 12:03 pm	02/02/2023

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
79-20-9	Methyl acetate	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications:	02/03/2023 09:00 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	02/03/2023 22:36	FTR
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications:	02/03/2023 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	02/03/2023 22:36	FTR
108-87-2	Methylcyclohexane	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications:	02/03/2023 09:00 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	02/03/2023 22:36	FTR
75-09-2	Methylene chloride	ND		ug/kg dry	5.2	10	1	EPA 8260C Certifications:	02/03/2023 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	02/03/2023 22:36	FTR
104-51-8	n-Butylbenzene	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications:	02/03/2023 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	02/03/2023 22:36	FTR
103-65-1	n-Propylbenzene	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications:	02/03/2023 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	02/03/2023 22:36	FTR
95-47-6	o-Xylene	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications:	02/03/2023 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP	02/03/2023 22:36	FTR
179601-23-1	p- & m- Xylenes	ND		ug/kg dry	5.2	10	1	EPA 8260C Certifications:	02/03/2023 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP	02/03/2023 22:36	FTR
99-87-6	p-Isopropyltoluene	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications:	02/03/2023 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	02/03/2023 22:36	FTR
135-98-8	sec-Butylbenzene	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications:	02/03/2023 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	02/03/2023 22:36	FTR
100-42-5	Styrene	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications:	02/03/2023 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	02/03/2023 22:36	FTR
75-65-0	tert-Butyl alcohol (TBA)	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications:	02/03/2023 09:00 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	02/03/2023 22:36	FTR
98-06-6	tert-Butylbenzene	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications:	02/03/2023 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	02/03/2023 22:36	FTR
127-18-4	Tetrachloroethylene	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications:	02/03/2023 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	02/03/2023 22:36	FTR
108-88-3	Toluene	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications:	02/03/2023 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	02/03/2023 22:36	FTR
156-60-5	trans-1,2-Dichloroethylene	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications:	02/03/2023 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	02/03/2023 22:36	FTR
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications:	02/03/2023 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	02/03/2023 22:36	FTR
110-57-6	* trans-1,4-dichloro-2-butene	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications:	02/03/2023 09:00 CTDOH-PH-0723	02/03/2023 22:36	FTR
79-01-6	Trichloroethylene	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications:	02/03/2023 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	02/03/2023 22:36	FTR
75-69-4	Trichlorofluoromethane	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications:	02/03/2023 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	02/03/2023 22:36	FTR
75-01-4	Vinyl Chloride	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications:	02/03/2023 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	02/03/2023 22:36	FTR
1330-20-7	Xylenes, Total	ND		ug/kg dry	7.8	16	1	EPA 8260C Certifications:	02/03/2023 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP	02/03/2023 22:36	FTR

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: SURR: 1,2-Dichloroethane-d4*	*101 %*	*77-125*

Sample Information

Client Sample ID: SB-4 (0-2 ft) **York Sample ID:** 23B0078-07

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23B0078	B 62nd Street	Soil	February 1, 2023 12:03 pm	02/02/2023

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
2037-26-5	*Surrogate: SURR: Toluene-d8*	*92.2 %*			*85-120*						
460-00-4	*Surrogate: SURR: p-Bromofluorobenzene*	*108 %*			*76-130*						

Semi-Volatiles, 8270 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
92-52-4	1,1-Biphenyl	ND		ug/kg dry	46.0	91.8	2	EPA 8270D Certifications:	02/08/2023 08:08 NELAC-NY10854,NJDEP,PADEP	02/09/2023 22:57	KH
95-94-3	1,2,4,5-Tetrachlorobenzene	ND		ug/kg dry	91.8	183	2	EPA 8270D Certifications:	02/08/2023 08:08 NELAC-NY10854,NJDEP,PADEP	02/09/2023 22:57	KH
120-82-1	1,2,4-Trichlorobenzene	ND		ug/kg dry	46.0	91.8	2	EPA 8270D Certifications:	02/08/2023 08:08 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	02/09/2023 22:57	KH
95-50-1	1,2-Dichlorobenzene	ND		ug/kg dry	46.0	91.8	2	EPA 8270D Certifications:	02/08/2023 08:08 NELAC-NY10854,PADEP	02/09/2023 22:57	KH
122-66-7	1,2-Diphenylhydrazine (as Azobenzene)	ND		ug/kg dry	46.0	91.8	2	EPA 8270D Certifications:	02/08/2023 08:08 NELAC-NY10854,NJDEP,PADEP	02/09/2023 22:57	KH
541-73-1	1,3-Dichlorobenzene	ND		ug/kg dry	46.0	91.8	2	EPA 8270D Certifications:	02/08/2023 08:08 NELAC-NY10854,PADEP	02/09/2023 22:57	KH
106-46-7	1,4-Dichlorobenzene	ND		ug/kg dry	46.0	91.8	2	EPA 8270D Certifications:	02/08/2023 08:08 NELAC-NY10854,PADEP	02/09/2023 22:57	KH
58-90-2	2,3,4,6-Tetrachlorophenol	ND		ug/kg dry	91.8	183	2	EPA 8270D Certifications:	02/08/2023 08:08 NELAC-NY10854,NJDEP,PADEP	02/09/2023 22:57	KH
95-95-4	2,4,5-Trichlorophenol	ND		ug/kg dry	46.0	91.8	2	EPA 8270D Certifications:	02/08/2023 08:08 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	02/09/2023 22:57	KH
88-06-2	2,4,6-Trichlorophenol	ND		ug/kg dry	46.0	91.8	2	EPA 8270D Certifications:	02/08/2023 08:08 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	02/09/2023 22:57	KH
120-83-2	2,4-Dichlorophenol	ND		ug/kg dry	46.0	91.8	2	EPA 8270D Certifications:	02/08/2023 08:08 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	02/09/2023 22:57	KH
105-67-9	2,4-Dimethylphenol	ND		ug/kg dry	46.0	91.8	2	EPA 8270D Certifications:	02/08/2023 08:08 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	02/09/2023 22:57	KH
51-28-5	2,4-Dinitrophenol	ND	CAL-E	ug/kg dry	91.8	183	2	EPA 8270D Certifications:	02/08/2023 08:08 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	02/09/2023 22:57	KH
121-14-2	2,4-Dinitrotoluene	ND		ug/kg dry	46.0	91.8	2	EPA 8270D Certifications:	02/08/2023 08:08 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	02/09/2023 22:57	KH
606-20-2	2,6-Dinitrotoluene	ND		ug/kg dry	46.0	91.8	2	EPA 8270D Certifications:	02/08/2023 08:08 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	02/09/2023 22:57	KH
91-58-7	2-Chloronaphthalene	ND		ug/kg dry	46.0	91.8	2	EPA 8270D Certifications:	02/08/2023 08:08 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	02/09/2023 22:57	KH
95-57-8	2-Chlorophenol	ND		ug/kg dry	46.0	91.8	2	EPA 8270D Certifications:	02/08/2023 08:08 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	02/09/2023 22:57	KH
91-57-6	2-Methylnaphthalene	ND		ug/kg dry	46.0	91.8	2	EPA 8270D Certifications:	02/08/2023 08:08 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	02/09/2023 22:57	KH
95-48-7	2-Methylphenol	ND		ug/kg dry	46.0	91.8	2	EPA 8270D Certifications:	02/08/2023 08:08 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	02/09/2023 22:57	KH

Sample Information

Client Sample ID: SB-4 (0-2 ft) **York Sample ID:** 23B0078-07

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23B0078	B 62nd Street	Soil	February 1, 2023 12:03 pm	02/02/2023

Semi-Volatiles, 8270 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
88-74-4	2-Nitroaniline	ND		ug/kg dry	91.8	183	2	EPA 8270D Certifications:	02/08/2023 08:08	02/09/2023 22:57 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	KH
88-75-5	2-Nitrophenol	ND		ug/kg dry	46.0	91.8	2	EPA 8270D Certifications:	02/08/2023 08:08	02/09/2023 22:57 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	KH
65794-96-9	3- & 4-Methylphenols	ND		ug/kg dry	46.0	91.8	2	EPA 8270D Certifications:	02/08/2023 08:08	02/09/2023 22:57 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	KH
91-94-1	3,3-Dichlorobenzidine	ND		ug/kg dry	46.0	91.8	2	EPA 8270D Certifications:	02/08/2023 08:08	02/09/2023 22:57 NELAC-NY10854,NJDEP,PADEP	KH
99-09-2	3-Nitroaniline	ND		ug/kg dry	91.8	183	2	EPA 8270D Certifications:	02/08/2023 08:08	02/09/2023 22:57 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	KH
534-52-1	4,6-Dinitro-2-methylphenol	ND	CAL-E	ug/kg dry	91.8	183	2	EPA 8270D Certifications:	02/08/2023 08:08	02/09/2023 22:57 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	KH
101-55-3	4-Bromophenyl phenyl ether	ND		ug/kg dry	46.0	91.8	2	EPA 8270D Certifications:	02/08/2023 08:08	02/09/2023 22:57 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	KH
59-50-7	4-Chloro-3-methylphenol	ND		ug/kg dry	46.0	91.8	2	EPA 8270D Certifications:	02/08/2023 08:08	02/09/2023 22:57 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	KH
106-47-8	4-Chloroaniline	ND		ug/kg dry	46.0	91.8	2	EPA 8270D Certifications:	02/08/2023 08:08	02/09/2023 22:57 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	KH
7005-72-3	4-Chlorophenyl phenyl ether	ND		ug/kg dry	46.0	91.8	2	EPA 8270D Certifications:	02/08/2023 08:08	02/09/2023 22:57 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	KH
100-01-6	4-Nitroaniline	ND		ug/kg dry	91.8	183	2	EPA 8270D Certifications:	02/08/2023 08:08	02/09/2023 22:57 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	KH
100-02-7	4-Nitrophenol	ND		ug/kg dry	91.8	183	2	EPA 8270D Certifications:	02/08/2023 08:08	02/09/2023 22:57 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	KH
83-32-9	**Acenaphthene**	**66.1**	J	ug/kg dry	46.0	91.8	2	EPA 8270D Certifications:	02/08/2023 08:08	02/09/2023 22:57 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	KH
208-96-8	**Acenaphthylene**	**66.8**	J	ug/kg dry	46.0	91.8	2	EPA 8270D Certifications:	02/08/2023 08:08	02/09/2023 22:57 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	KH
98-86-2	Acetophenone	ND		ug/kg dry	46.0	91.8	2	EPA 8270D Certifications:	02/08/2023 08:08	02/09/2023 22:57 NELAC-NY10854,NJDEP,PADEP	KH
62-53-3	Aniline	ND		ug/kg dry	184	368	2	EPA 8270D Certifications:	02/08/2023 08:08	02/09/2023 22:57 NELAC-NY10854,NJDEP,PADEP	KH
120-12-7	**Anthracene**	**288**		ug/kg dry	46.0	91.8	2	EPA 8270D Certifications:	02/08/2023 08:08	02/09/2023 22:57 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	KH
1912-24-9	Atrazine	ND		ug/kg dry	46.0	91.8	2	EPA 8270D Certifications:	02/08/2023 08:08	02/09/2023 22:57 NELAC-NY10854,NJDEP,PADEP	KH
100-52-7	Benzaldehyde	ND		ug/kg dry	46.0	91.8	2	EPA 8270D Certifications:	02/08/2023 08:08	02/09/2023 22:57 NELAC-NY10854,NJDEP,PADEP	KH
92-87-5	Benzidine	ND	CCVE	ug/kg dry	184	368	2	EPA 8270D Certifications:	02/08/2023 08:08	02/09/2023 22:57 CTDOH-PH-0723,NELAC-NY10854,PADEP	KH
56-55-3	**Benzo(a)anthracene**	**506**		ug/kg dry	46.0	91.8	2	EPA 8270D Certifications:	02/08/2023 08:08	02/09/2023 22:57 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	KH
50-32-8	**Benzo(a)pyrene**	**509**		ug/kg dry	46.0	91.8	2	EPA 8270D Certifications:	02/08/2023 08:08	02/09/2023 22:57 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	KH
205-99-2	**Benzo(b)fluoranthene**	**440**		ug/kg dry	46.0	91.8	2	EPA 8270D Certifications:	02/08/2023 08:08	02/09/2023 22:57 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	KH

Sample Information

Client Sample ID: SB-4 (0-2 ft) **York Sample ID:** 23B0078-07

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23B0078	B 62nd Street	Soil	February 1, 2023 12:03 pm	02/02/2023

Semi-Volatiles, 8270 - Comprehensive **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
191-24-2	**Benzo(g,h,i)perylene**	**301**		ug/kg dry	46.0	91.8	2	EPA 8270D Certifications:	02/08/2023 08:08 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	02/09/2023 22:57	KH
207-08-9	**Benzo(k)fluoranthene**	**397**		ug/kg dry	46.0	91.8	2	EPA 8270D Certifications:	02/08/2023 08:08 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	02/09/2023 22:57	KH
65-85-0	Benzoic acid	ND	QL-02	ug/kg dry	46.0	91.8	2	EPA 8270D Certifications:	02/08/2023 08:08 NELAC-NY10854,NJDEP,PADEP	02/09/2023 22:57	KH
100-51-6	Benzyl alcohol	ND		ug/kg dry	46.0	91.8	2	EPA 8270D Certifications:	02/08/2023 08:08 NELAC-NY10854,NJDEP,PADEP	02/09/2023 22:57	KH
85-68-7	Benzyl butyl phthalate	ND		ug/kg dry	46.0	91.8	2	EPA 8270D Certifications:	02/08/2023 08:08 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	02/09/2023 22:57	KH
111-91-1	Bis(2-chloroethoxy)methane	ND		ug/kg dry	46.0	91.8	2	EPA 8270D Certifications:	02/08/2023 08:08 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	02/09/2023 22:57	KH
111-44-4	Bis(2-chloroethyl)ether	ND		ug/kg dry	46.0	91.8	2	EPA 8270D Certifications:	02/08/2023 08:08 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	02/09/2023 22:57	KH
108-60-1	Bis(2-chloroisopropyl)ether	ND		ug/kg dry	46.0	91.8	2	EPA 8270D Certifications:	02/08/2023 08:08 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	02/09/2023 22:57	KH
117-81-7	**Bis(2-ethylhexyl)phthalate**	**63.1**	J	ug/kg dry	46.0	91.8	2	EPA 8270D Certifications:	02/08/2023 08:08 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	02/09/2023 22:57	KH
105-60-2	Caprolactam	ND		ug/kg dry	91.8	183	2	EPA 8270D Certifications:	02/08/2023 08:08 NELAC-NY10854,NJDEP,PADEP	02/09/2023 22:57	KH
86-74-8	**Carbazole**	**69.0**	J	ug/kg dry	46.0	91.8	2	EPA 8270D Certifications:	02/08/2023 08:08 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	02/09/2023 22:57	KH
218-01-9	**Chrysene**	**517**		ug/kg dry	46.0	91.8	2	EPA 8270D Certifications:	02/08/2023 08:08 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	02/09/2023 22:57	KH
53-70-3	**Dibenzo(a,h)anthracene**	**50.6**	J	ug/kg dry	46.0	91.8	2	EPA 8270D Certifications:	02/08/2023 08:08 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	02/09/2023 22:57	KH
132-64-9	Dibenzofuran	ND		ug/kg dry	46.0	91.8	2	EPA 8270D Certifications:	02/08/2023 08:08 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	02/09/2023 22:57	KH
84-66-2	Diethyl phthalate	ND		ug/kg dry	46.0	91.8	2	EPA 8270D Certifications:	02/08/2023 08:08 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	02/09/2023 22:57	KH
131-11-3	Dimethyl phthalate	ND		ug/kg dry	46.0	91.8	2	EPA 8270D Certifications:	02/08/2023 08:08 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	02/09/2023 22:57	KH
84-74-2	Di-n-butyl phthalate	ND		ug/kg dry	46.0	91.8	2	EPA 8270D Certifications:	02/08/2023 08:08 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	02/09/2023 22:57	KH
117-84-0	Di-n-octyl phthalate	ND		ug/kg dry	46.0	91.8	2	EPA 8270D Certifications:	02/08/2023 08:08 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	02/09/2023 22:57	KH
122-39-4	* Diphenylamine	ND		ug/kg dry	91.8	183	2	EPA 8270D Certifications:	02/08/2023 08:08	02/09/2023 22:57	KH
206-44-0	**Fluoranthene**	**1040**		ug/kg dry	46.0	91.8	2	EPA 8270D Certifications:	02/08/2023 08:08 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	02/09/2023 22:57	KH
86-73-7	**Fluorene**	**89.5**	J	ug/kg dry	46.0	91.8	2	EPA 8270D Certifications:	02/08/2023 08:08 NELAC-NY10854,NJDEP,PADEP	02/09/2023 22:57	KH
118-74-1	Hexachlorobenzene	ND		ug/kg dry	46.0	91.8	2	EPA 8270D Certifications:	02/08/2023 08:08 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	02/09/2023 22:57	KH
87-68-3	Hexachlorobutadiene	ND		ug/kg dry	46.0	91.8	2	EPA 8270D Certifications:	02/08/2023 08:08 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	02/09/2023 22:57	KH

Sample Information

Client Sample ID: SB-4 (0-2 ft) **York Sample ID:** 23B0078-07

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23B0078	B 62nd Street	Soil	February 1, 2023 12:03 pm	02/02/2023

Semi-Volatiles, 8270 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
77-47-4	Hexachlorocyclopentadiene	ND	CCVE	ug/kg dry	46.0	91.8	2	EPA 8270D Certifications:	02/08/2023 08:08	02/09/2023 22:57 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	KH
67-72-1	Hexachloroethane	ND		ug/kg dry	46.0	91.8	2	EPA 8270D Certifications:	02/08/2023 08:08	02/09/2023 22:57 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	KH
193-39-5	**Indeno(1,2,3-cd)pyrene**	**307**		ug/kg dry	46.0	91.8	2	EPA 8270D Certifications:	02/08/2023 08:08	02/09/2023 22:57 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	KH
78-59-1	Isophorone	ND		ug/kg dry	46.0	91.8	2	EPA 8270D Certifications:	02/08/2023 08:08	02/09/2023 22:57 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	KH
91-20-3	Naphthalene	ND		ug/kg dry	46.0	91.8	2	EPA 8270D Certifications:	02/08/2023 08:08	02/09/2023 22:57 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	KH
98-95-3	Nitrobenzene	ND		ug/kg dry	46.0	91.8	2	EPA 8270D Certifications:	02/08/2023 08:08	02/09/2023 22:57 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	KH
62-75-9	N-Nitrosodimethylamine	ND		ug/kg dry	46.0	91.8	2	EPA 8270D Certifications:	02/08/2023 08:08	02/09/2023 22:57 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	KH
621-64-7	N-nitroso-di-n-propylamine	ND		ug/kg dry	46.0	91.8	2	EPA 8270D Certifications:	02/08/2023 08:08	02/09/2023 22:57 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	KH
86-30-6	N-Nitrosodiphenylamine	ND		ug/kg dry	46.0	91.8	2	EPA 8270D Certifications:	02/08/2023 08:08	02/09/2023 22:57 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	KH
87-86-5	Pentachlorophenol	ND		ug/kg dry	46.0	91.8	2	EPA 8270D Certifications:	02/08/2023 08:08	02/09/2023 22:57 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	KH
85-01-8	**Phenanthrene**	**811**		ug/kg dry	46.0	91.8	2	EPA 8270D Certifications:	02/08/2023 08:08	02/09/2023 22:57 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	KH
108-95-2	Phenol	ND		ug/kg dry	46.0	91.8	2	EPA 8270D Certifications:	02/08/2023 08:08	02/09/2023 22:57 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	KH
129-00-0	**Pyrene**	**1040**		ug/kg dry	46.0	91.8	2	EPA 8270D Certifications:	02/08/2023 08:08	02/09/2023 22:57 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	KH

	Surrogate Recoveries	Result	Acceptance Range
367-12-4	*Surrogate: SURR: 2-Fluorophenol*	*59.9 %*	*20-108*
13127-88-3	*Surrogate: SURR: Phenol-d6*	*63.2 %*	*23-114*
4165-60-0	*Surrogate: SURR: Nitrobenzene-d5*	*67.0 %*	*22-108*
321-60-8	*Surrogate: SURR: 2-Fluorobiphenyl*	*59.4 %*	*21-113*
118-79-6	*Surrogate: SURR: 2,4,6-Tribromophenol*	*54.7 %*	*19-110*
1718-51-0	*Surrogate: SURR: Terphenyl-d14*	*74.7 %*	*24-116*

Pesticides, 8081 target list

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
72-54-8	**4,4'-DDD**	**2.31**		ug/kg dry	1.79	5	EPA 8081B Certifications:	02/07/2023 07:57	02/10/2023 03:55 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	BJ-
72-55-9	**4,4'-DDE**	**5.09**		ug/kg dry	1.79	5	EPA 8081B Certifications:	02/07/2023 07:57	02/10/2023 03:55 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	BJ-

Sample Information

Client Sample ID: SB-4 (0-2 ft) **York Sample ID:** 23B0078-07

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23B0078	B 62nd Street	Soil	February 1, 2023 12:03 pm	02/02/2023

Pesticides, 8081 target list

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
50-29-3	**4,4'-DDT**	**6.25**		ug/kg dry	1.79	5	EPA 8081B	02/07/2023 07:57	02/10/2023 03:55	BJ-
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
309-00-2	Aldrin	ND		ug/kg dry	1.79	5	EPA 8081B	02/07/2023 07:57	02/10/2023 03:55	BJ-
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
319-84-6	alpha-BHC	ND		ug/kg dry	1.79	5	EPA 8081B	02/07/2023 07:57	02/10/2023 03:55	BJ-
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
319-85-7	beta-BHC	ND		ug/kg dry	1.79	5	EPA 8081B	02/07/2023 07:57	02/10/2023 03:55	BJ-
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
12789-03-6	**Chlordane, total**	**394**		ug/kg dry	35.9	5	EPA 8081B	02/07/2023 07:57	02/10/2023 03:55	BJ-
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
319-86-8	delta-BHC	ND		ug/kg dry	1.79	5	EPA 8081B	02/07/2023 07:57	02/10/2023 03:55	BJ-
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
60-57-1	**Dieldrin**	**10.3**		ug/kg dry	1.79	5	EPA 8081B	02/07/2023 07:57	02/10/2023 03:55	BJ-
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
959-98-8	Endosulfan I	ND		ug/kg dry	1.79	5	EPA 8081B	02/07/2023 07:57	02/10/2023 03:55	BJ-
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
33213-65-9	Endosulfan II	ND		ug/kg dry	1.79	5	EPA 8081B	02/07/2023 07:57	02/10/2023 03:55	BJ-
							Certifications:	CTDOH-PH-0723,NELAC-NY10854		
1031-07-8	Endosulfan sulfate	ND		ug/kg dry	1.79	5	EPA 8081B	02/07/2023 07:57	02/10/2023 03:55	BJ-
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
72-20-8	Endrin	ND		ug/kg dry	1.79	5	EPA 8081B	02/07/2023 07:57	02/10/2023 03:55	BJ-
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7421-93-4	Endrin aldehyde	ND		ug/kg dry	1.79	5	EPA 8081B	02/07/2023 07:57	02/10/2023 03:55	BJ-
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
53494-70-5	Endrin ketone	ND		ug/kg dry	1.79	5	EPA 8081B	02/07/2023 07:57	02/10/2023 03:55	BJ-
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
58-89-9	gamma-BHC (Lindane)	ND		ug/kg dry	1.79	5	EPA 8081B	02/07/2023 07:57	02/10/2023 03:55	BJ-
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
76-44-8	**Heptachlor**	**6.36**	P	ug/kg dry	1.79	5	EPA 8081B	02/07/2023 07:57	02/10/2023 03:55	BJ-
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
1024-57-3	Heptachlor epoxide	ND		ug/kg dry	1.79	5	EPA 8081B	02/07/2023 07:57	02/10/2023 03:55	BJ-
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
72-43-5	Methoxychlor	ND		ug/kg dry	8.96	5	EPA 8081B	02/07/2023 07:57	02/10/2023 03:55	BJ-
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
8001-35-2	Toxaphene	ND		ug/kg dry	90.7	5	EPA 8081B	02/07/2023 07:57	02/10/2023 03:55	BJ-
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		

	Surrogate Recoveries	Result	Acceptance Range
2051-24-3	*Surrogate: Decachlorobiphenyl*	*82.2 %*	*30-150*
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*56.7 %*	*30-150*

Polychlorinated Biphenyls (PCB)

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst

Sample Information

Client Sample ID: SB-4 (0-2 ft) **York Sample ID:** 23B0078-07

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23B0078	B 62nd Street	Soil	February 1, 2023 12:03 pm	02/02/2023

Polychlorinated Biphenyls (PCB)

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
12674-11-2	Aroclor 1016	ND		mg/kg dry	0.0181	1	EPA 8082A	02/07/2023 07:57	02/10/2023 02:36	BJ
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP,PADEP		
11104-28-2	Aroclor 1221	ND		mg/kg dry	0.0181	1	EPA 8082A	02/07/2023 07:57	02/10/2023 02:36	BJ
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP,PADEP		
11141-16-5	Aroclor 1232	ND		mg/kg dry	0.0181	1	EPA 8082A	02/07/2023 07:57	02/10/2023 02:36	BJ
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP,PADEP		
53469-21-9	Aroclor 1242	ND		mg/kg dry	0.0181	1	EPA 8082A	02/07/2023 07:57	02/10/2023 02:36	BJ
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP,PADEP		
12672-29-6	Aroclor 1248	ND		mg/kg dry	0.0181	1	EPA 8082A	02/07/2023 07:57	02/10/2023 02:36	BJ
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP,PADEP		
11097-69-1	Aroclor 1254	ND		mg/kg dry	0.0181	1	EPA 8082A	02/07/2023 07:57	02/10/2023 02:36	BJ
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP,PADEP		
11096-82-5	**Aroclor 1260**	**0.0197**		mg/kg dry	0.0181	1	EPA 8082A	02/07/2023 07:57	02/10/2023 02:36	BJ
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP,PADEP		
1336-36-3	*** Total PCBs**	**0.0197**		mg/kg dry	0.0181	1	EPA 8082A	02/07/2023 07:57	02/10/2023 02:36	BJ
							Certifications:			

	Surrogate Recoveries	Result	Acceptance Range
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*71.0 %*	*30-140*
2051-24-3	*Surrogate: Decachlorobiphenyl*	*86.5 %*	*30-140*

Metals, Target Analyte

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7429-90-5	**Aluminum**	**5130**		mg/kg dry	4.62	1	EPA 6010D	02/09/2023 08:50	02/10/2023 16:01	CW
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7440-36-0	Antimony	ND	M-CCV 1	mg/kg dry	2.31	1	EPA 6010D	02/09/2023 08:50	02/10/2023 16:01	CW
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7440-38-2	**Arsenic**	**3.51**		mg/kg dry	1.39	1	EPA 6010D	02/09/2023 08:50	02/10/2023 16:01	CW
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7440-39-3	**Barium**	**60.2**		mg/kg dry	2.31	1	EPA 6010D	02/09/2023 08:50	02/10/2023 16:01	CW
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7440-41-7	**Beryllium**	**0.387**		mg/kg dry	0.047	1	EPA 6010D	02/09/2023 08:50	02/10/2023 16:01	CW
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7440-43-9	Cadmium	ND		mg/kg dry	0.277	1	EPA 6010D	02/09/2023 08:50	02/10/2023 16:01	CW
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7440-70-2	**Calcium**	**24500**		mg/kg dry	4.62	1	EPA 6010D	02/09/2023 08:50	02/10/2023 16:01	CW
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7440-47-3	**Chromium**	**13.8**		mg/kg dry	0.462	1	EPA 6010D	02/09/2023 08:50	02/10/2023 16:01	CW
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7440-48-4	**Cobalt**	**4.12**		mg/kg dry	0.369	1	EPA 6010D	02/09/2023 08:50	02/10/2023 16:01	CW
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		

Sample Information

Client Sample ID: SB-4 (0-2 ft) **York Sample ID:** 23B0078-07

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23B0078	B 62nd Street	Soil	February 1, 2023 12:03 pm	02/02/2023

Metals, Target Analyte

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-50-8	**Copper**	**28.1**		mg/kg dry	1.85	1	EPA 6010D	02/09/2023 08:50	02/10/2023 16:01	CW
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7439-89-6	**Iron**	**12200**		mg/kg dry	23.1	1	EPA 6010D	02/09/2023 08:50	02/10/2023 16:01	CW
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7439-92-1	**Lead**	**101**		mg/kg dry	0.462	1	EPA 6010D	02/09/2023 08:50	02/10/2023 16:01	CW
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7439-95-4	**Magnesium**	**6550**		mg/kg dry	4.62	1	EPA 6010D	02/09/2023 08:50	02/10/2023 16:01	CW
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7439-96-5	**Manganese**	**142**		mg/kg dry	0.462	1	EPA 6010D	02/09/2023 08:50	02/10/2023 16:01	CW
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7440-02-0	**Nickel**	**11.5**		mg/kg dry	0.920	1	EPA 6010D	02/09/2023 08:50	02/10/2023 16:01	CW
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7440-09-7	**Potassium**	**701**	B	mg/kg dry	4.62	1	EPA 6010D	02/09/2023 08:50	02/10/2023 16:01	CW
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7782-49-2	Selenium	ND		mg/kg dry	2.31	1	EPA 6010D	02/09/2023 08:50	02/10/2023 16:01	CW
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7440-22-4	Silver	ND		mg/kg dry	0.465	1	EPA 6010D	02/09/2023 08:50	02/10/2023 16:01	CW
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7440-23-5	**Sodium**	**144**		mg/kg dry	46.2	1	EPA 6010D	02/09/2023 08:50	02/10/2023 16:01	CW
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7440-28-0	Thallium	ND		mg/kg dry	2.31	1	EPA 6010D	02/09/2023 08:50	02/10/2023 16:01	CW
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7440-62-2	**Vanadium**	**22.7**		mg/kg dry	0.920	1	EPA 6010D	02/09/2023 08:50	02/10/2023 16:01	CW
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7440-66-6	**Zinc**	**97.3**		mg/kg dry	2.30	1	EPA 6010D	02/09/2023 08:50	02/10/2023 16:01	CW
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		

Mercury by 7473

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 7473 soil

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	**Mercury**	**0.250**		mg/kg dry	0.0332	1	EPA 7473	02/07/2023 11:17	02/07/2023 14:22	PDL
							Certifications:	CTDOH-PH-0723,NJDEP,NELAC-NY10854,PADEP		

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**	**90.2**		%	0.100	1	SM 2540G	02/07/2023 07:41	02/07/2023 12:53	sgs
							Certifications:	CTDOH-PH-0723		

Sample Information

Client Sample ID: SB-4 (5-7 ft) **York Sample ID:** 23B0078-08

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23B0078	B 62nd Street	Soil	February 1, 2023 12:08 pm	02/02/2023

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	2.7	5.5	1	EPA 8260C Certifications:	02/03/2023 09:00	02/03/2023 23:03	FTR CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
71-55-6	1,1,1-Trichloroethane	ND		ug/kg dry	2.7	5.5	1	EPA 8260C Certifications:	02/03/2023 09:00	02/03/2023 23:03	FTR CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/kg dry	2.7	5.5	1	EPA 8260C Certifications:	02/03/2023 09:00	02/03/2023 23:03	FTR CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/kg dry	2.7	5.5	1	EPA 8260C Certifications:	02/03/2023 09:00	02/03/2023 23:03	FTR CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP
79-00-5	1,1,2-Trichloroethane	ND		ug/kg dry	2.7	5.5	1	EPA 8260C Certifications:	02/03/2023 09:00	02/03/2023 23:03	FTR CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
75-34-3	1,1-Dichloroethane	ND		ug/kg dry	2.7	5.5	1	EPA 8260C Certifications:	02/03/2023 09:00	02/03/2023 23:03	FTR CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
75-35-4	1,1-Dichloroethylene	ND		ug/kg dry	2.7	5.5	1	EPA 8260C Certifications:	02/03/2023 09:00	02/03/2023 23:03	FTR CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
87-61-6	1,2,3-Trichlorobenzene	ND		ug/kg dry	2.7	5.5	1	EPA 8260C Certifications:	02/03/2023 09:00	02/03/2023 23:03	FTR NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
96-18-4	1,2,3-Trichloropropane	ND		ug/kg dry	2.7	5.5	1	EPA 8260C Certifications:	02/03/2023 09:00	02/03/2023 23:03	FTR NELAC-NY10854,NELAC-NY12058,NJDEP
120-82-1	1,2,4-Trichlorobenzene	ND		ug/kg dry	2.7	5.5	1	EPA 8260C Certifications:	02/03/2023 09:00	02/03/2023 23:03	FTR NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
95-63-6	1,2,4-Trimethylbenzene	ND		ug/kg dry	2.7	5.5	1	EPA 8260C Certifications:	02/03/2023 09:00	02/03/2023 23:03	FTR CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/kg dry	2.7	5.5	1	EPA 8260C Certifications:	02/03/2023 09:00	02/03/2023 23:03	FTR CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
106-93-4	1,2-Dibromoethane	ND		ug/kg dry	2.7	5.5	1	EPA 8260C Certifications:	02/03/2023 09:00	02/03/2023 23:03	FTR CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
95-50-1	1,2-Dichlorobenzene	ND		ug/kg dry	2.7	5.5	1	EPA 8260C Certifications:	02/03/2023 09:00	02/03/2023 23:03	FTR CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
107-06-2	1,2-Dichloroethane	ND		ug/kg dry	2.7	5.5	1	EPA 8260C Certifications:	02/03/2023 09:00	02/03/2023 23:03	FTR CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
78-87-5	1,2-Dichloropropane	ND		ug/kg dry	2.7	5.5	1	EPA 8260C Certifications:	02/03/2023 09:00	02/03/2023 23:03	FTR CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
108-67-8	1,3,5-Trimethylbenzene	ND		ug/kg dry	2.7	5.5	1	EPA 8260C Certifications:	02/03/2023 09:00	02/03/2023 23:03	FTR CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
541-73-1	1,3-Dichlorobenzene	ND		ug/kg dry	2.7	5.5	1	EPA 8260C Certifications:	02/03/2023 09:00	02/03/2023 23:03	FTR CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
106-46-7	1,4-Dichlorobenzene	ND		ug/kg dry	2.7	5.5	1	EPA 8260C Certifications:	02/03/2023 09:00	02/03/2023 23:03	FTR CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
123-91-1	1,4-Dioxane	ND		ug/kg dry	55	110	1	EPA 8260C Certifications:	02/03/2023 09:00	02/03/2023 23:03	FTR NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
78-93-3	2-Butanone	ND		ug/kg dry	2.7	5.5	1	EPA 8260C Certifications:	02/03/2023 09:00	02/03/2023 23:03	FTR CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
591-78-6	2-Hexanone	ND		ug/kg dry	2.7	5.5	1	EPA 8260C Certifications:	02/03/2023 09:00	02/03/2023 23:03	FTR CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
108-10-1	4-Methyl-2-pentanone	ND		ug/kg dry	2.7	5.5	1	EPA 8260C Certifications:	02/03/2023 09:00	02/03/2023 23:03	FTR CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI

Sample Information

Client Sample ID: SB-4 (5-7 ft) **York Sample ID:** 23B0078-08

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23B0078	B 62nd Street	Soil	February 1, 2023 12:08 pm	02/02/2023

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
67-64-1	**Acetone**	**5.6**	J	ug/kg dry	5.5	11	1	EPA 8260C	02/03/2023 09:00	02/03/2023 23:03	FTR
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PA		
107-02-8	Acrolein	ND		ug/kg dry	5.5	11	1	EPA 8260C	02/03/2023 09:00	02/03/2023 23:03	FTR
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
107-13-1	Acrylonitrile	ND		ug/kg dry	2.7	5.5	1	EPA 8260C	02/03/2023 09:00	02/03/2023 23:03	FTR
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
71-43-2	Benzene	ND		ug/kg dry	2.7	5.5	1	EPA 8260C	02/03/2023 09:00	02/03/2023 23:03	FTR
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
74-97-5	Bromochloromethane	ND		ug/kg dry	2.7	5.5	1	EPA 8260C	02/03/2023 09:00	02/03/2023 23:03	FTR
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-27-4	Bromodichloromethane	ND		ug/kg dry	2.7	5.5	1	EPA 8260C	02/03/2023 09:00	02/03/2023 23:03	FTR
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
75-25-2	Bromoform	ND		ug/kg dry	2.7	5.5	1	EPA 8260C	02/03/2023 09:00	02/03/2023 23:03	FTR
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
74-83-9	Bromomethane	ND		ug/kg dry	2.7	5.5	1	EPA 8260C	02/03/2023 09:00	02/03/2023 23:03	FTR
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
75-15-0	Carbon disulfide	ND		ug/kg dry	2.7	5.5	1	EPA 8260C	02/03/2023 09:00	02/03/2023 23:03	FTR
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
56-23-5	Carbon tetrachloride	ND		ug/kg dry	2.7	5.5	1	EPA 8260C	02/03/2023 09:00	02/03/2023 23:03	FTR
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
108-90-7	Chlorobenzene	ND		ug/kg dry	2.7	5.5	1	EPA 8260C	02/03/2023 09:00	02/03/2023 23:03	FTR
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
75-00-3	Chloroethane	ND		ug/kg dry	2.7	5.5	1	EPA 8260C	02/03/2023 09:00	02/03/2023 23:03	FTR
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
67-66-3	Chloroform	ND		ug/kg dry	2.7	5.5	1	EPA 8260C	02/03/2023 09:00	02/03/2023 23:03	FTR
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
74-87-3	Chloromethane	ND		ug/kg dry	2.7	5.5	1	EPA 8260C	02/03/2023 09:00	02/03/2023 23:03	FTR
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
156-59-2	cis-1,2-Dichloroethylene	ND		ug/kg dry	2.7	5.5	1	EPA 8260C	02/03/2023 09:00	02/03/2023 23:03	FTR
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/kg dry	2.7	5.5	1	EPA 8260C	02/03/2023 09:00	02/03/2023 23:03	FTR
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
110-82-7	Cyclohexane	ND		ug/kg dry	2.7	5.5	1	EPA 8260C	02/03/2023 09:00	02/03/2023 23:03	FTR
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
124-48-1	Dibromochloromethane	ND		ug/kg dry	2.7	5.5	1	EPA 8260C	02/03/2023 09:00	02/03/2023 23:03	FTR
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
74-95-3	Dibromomethane	ND		ug/kg dry	2.7	5.5	1	EPA 8260C	02/03/2023 09:00	02/03/2023 23:03	FTR
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-71-8	Dichlorodifluoromethane	ND		ug/kg dry	2.7	5.5	1	EPA 8260C	02/03/2023 09:00	02/03/2023 23:03	FTR
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
100-41-4	Ethyl Benzene	ND		ug/kg dry	2.7	5.5	1	EPA 8260C	02/03/2023 09:00	02/03/2023 23:03	FTR
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
87-68-3	Hexachlorobutadiene	ND		ug/kg dry	2.7	5.5	1	EPA 8260C	02/03/2023 09:00	02/03/2023 23:03	FTR
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
98-82-8	Isopropylbenzene	ND		ug/kg dry	2.7	5.5	1	EPA 8260C	02/03/2023 09:00	02/03/2023 23:03	FTR
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		

Sample Information

Client Sample ID: SB-4 (5-7 ft) **York Sample ID:** 23B0078-08

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23B0078	B 62nd Street	Soil	February 1, 2023 12:08 pm	02/02/2023

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
79-20-9	Methyl acetate	ND		ug/kg dry	2.7	5.5	1	EPA 8260C Certifications:	02/03/2023 09:00 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	02/03/2023 23:03	FTR
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/kg dry	2.7	5.5	1	EPA 8260C Certifications:	02/03/2023 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	02/03/2023 23:03	FTR
108-87-2	Methylcyclohexane	ND		ug/kg dry	2.7	5.5	1	EPA 8260C Certifications:	02/03/2023 09:00 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	02/03/2023 23:03	FTR
75-09-2	Methylene chloride	ND		ug/kg dry	5.5	11	1	EPA 8260C Certifications:	02/03/2023 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	02/03/2023 23:03	FTR
104-51-8	n-Butylbenzene	ND		ug/kg dry	2.7	5.5	1	EPA 8260C Certifications:	02/03/2023 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	02/03/2023 23:03	FTR
103-65-1	n-Propylbenzene	ND		ug/kg dry	2.7	5.5	1	EPA 8260C Certifications:	02/03/2023 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	02/03/2023 23:03	FTR
95-47-6	o-Xylene	ND		ug/kg dry	2.7	5.5	1	EPA 8260C Certifications:	02/03/2023 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP	02/03/2023 23:03	FTR
179601-23-1	p- & m- Xylenes	ND		ug/kg dry	5.5	11	1	EPA 8260C Certifications:	02/03/2023 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP	02/03/2023 23:03	FTR
99-87-6	p-Isopropyltoluene	ND		ug/kg dry	2.7	5.5	1	EPA 8260C Certifications:	02/03/2023 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	02/03/2023 23:03	FTR
135-98-8	sec-Butylbenzene	ND		ug/kg dry	2.7	5.5	1	EPA 8260C Certifications:	02/03/2023 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	02/03/2023 23:03	FTR
100-42-5	Styrene	ND		ug/kg dry	2.7	5.5	1	EPA 8260C Certifications:	02/03/2023 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	02/03/2023 23:03	FTR
75-65-0	tert-Butyl alcohol (TBA)	ND		ug/kg dry	2.7	5.5	1	EPA 8260C Certifications:	02/03/2023 09:00 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	02/03/2023 23:03	FTR
98-06-6	tert-Butylbenzene	ND		ug/kg dry	2.7	5.5	1	EPA 8260C Certifications:	02/03/2023 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	02/03/2023 23:03	FTR
127-18-4	Tetrachloroethylene	ND		ug/kg dry	2.7	5.5	1	EPA 8260C Certifications:	02/03/2023 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	02/03/2023 23:03	FTR
108-88-3	Toluene	ND		ug/kg dry	2.7	5.5	1	EPA 8260C Certifications:	02/03/2023 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	02/03/2023 23:03	FTR
156-60-5	trans-1,2-Dichloroethylene	ND		ug/kg dry	2.7	5.5	1	EPA 8260C Certifications:	02/03/2023 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	02/03/2023 23:03	FTR
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/kg dry	2.7	5.5	1	EPA 8260C Certifications:	02/03/2023 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	02/03/2023 23:03	FTR
110-57-6	* trans-1,4-dichloro-2-butene	ND		ug/kg dry	2.7	5.5	1	EPA 8260C Certifications:	02/03/2023 09:00 CTDOH-PH-0723	02/03/2023 23:03	FTR
79-01-6	Trichloroethylene	ND		ug/kg dry	2.7	5.5	1	EPA 8260C Certifications:	02/03/2023 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	02/03/2023 23:03	FTR
75-69-4	Trichlorofluoromethane	ND		ug/kg dry	2.7	5.5	1	EPA 8260C Certifications:	02/03/2023 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	02/03/2023 23:03	FTR
75-01-4	Vinyl Chloride	ND		ug/kg dry	2.7	5.5	1	EPA 8260C Certifications:	02/03/2023 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	02/03/2023 23:03	FTR
1330-20-7	Xylenes, Total	ND		ug/kg dry	8.2	16	1	EPA 8260C Certifications:	02/03/2023 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP	02/03/2023 23:03	FTR

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: SURR: 1,2-Dichloroethane-d4*	*102 %*	*77-125*

Sample Information

Client Sample ID: SB-4 (5-7 ft) **York Sample ID:** 23B0078-08

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23B0078	B 62nd Street	Soil	February 1, 2023 12:08 pm	02/02/2023

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
2037-26-5	*Surrogate: SURR: Toluene-d8*	*92.4 %*			*85-120*						
460-00-4	*Surrogate: SURR: p-Bromofluorobenzene*	*110 %*			*76-130*						

Semi-Volatiles, 8270 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
92-52-4	1,1-Biphenyl	ND		ug/kg dry	47.0	93.8	2	EPA 8270D Certifications:	02/08/2023 08:08 NELAC-NY10854,NJDEP,PADEP	02/09/2023 23:27	KH
95-94-3	1,2,4,5-Tetrachlorobenzene	ND		ug/kg dry	93.8	187	2	EPA 8270D Certifications:	02/08/2023 08:08 NELAC-NY10854,NJDEP,PADEP	02/09/2023 23:27	KH
120-82-1	1,2,4-Trichlorobenzene	ND		ug/kg dry	47.0	93.8	2	EPA 8270D Certifications:	02/08/2023 08:08 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	02/09/2023 23:27	KH
95-50-1	1,2-Dichlorobenzene	ND		ug/kg dry	47.0	93.8	2	EPA 8270D Certifications:	02/08/2023 08:08 NELAC-NY10854,PADEP	02/09/2023 23:27	KH
122-66-7	1,2-Diphenylhydrazine (as Azobenzene)	ND		ug/kg dry	47.0	93.8	2	EPA 8270D Certifications:	02/08/2023 08:08 NELAC-NY10854,NJDEP,PADEP	02/09/2023 23:27	KH
541-73-1	1,3-Dichlorobenzene	ND		ug/kg dry	47.0	93.8	2	EPA 8270D Certifications:	02/08/2023 08:08 NELAC-NY10854,PADEP	02/09/2023 23:27	KH
106-46-7	1,4-Dichlorobenzene	ND		ug/kg dry	47.0	93.8	2	EPA 8270D Certifications:	02/08/2023 08:08 NELAC-NY10854,PADEP	02/09/2023 23:27	KH
58-90-2	2,3,4,6-Tetrachlorophenol	ND		ug/kg dry	93.8	187	2	EPA 8270D Certifications:	02/08/2023 08:08 NELAC-NY10854,NJDEP,PADEP	02/09/2023 23:27	KH
95-95-4	2,4,5-Trichlorophenol	ND		ug/kg dry	47.0	93.8	2	EPA 8270D Certifications:	02/08/2023 08:08 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	02/09/2023 23:27	KH
88-06-2	2,4,6-Trichlorophenol	ND		ug/kg dry	47.0	93.8	2	EPA 8270D Certifications:	02/08/2023 08:08 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	02/09/2023 23:27	KH
120-83-2	2,4-Dichlorophenol	ND		ug/kg dry	47.0	93.8	2	EPA 8270D Certifications:	02/08/2023 08:08 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	02/09/2023 23:27	KH
105-67-9	2,4-Dimethylphenol	ND		ug/kg dry	47.0	93.8	2	EPA 8270D Certifications:	02/08/2023 08:08 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	02/09/2023 23:27	KH
51-28-5	2,4-Dinitrophenol	ND	CAL-E	ug/kg dry	93.8	187	2	EPA 8270D Certifications:	02/08/2023 08:08 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	02/09/2023 23:27	KH
121-14-2	2,4-Dinitrotoluene	ND		ug/kg dry	47.0	93.8	2	EPA 8270D Certifications:	02/08/2023 08:08 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	02/09/2023 23:27	KH
606-20-2	2,6-Dinitrotoluene	ND		ug/kg dry	47.0	93.8	2	EPA 8270D Certifications:	02/08/2023 08:08 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	02/09/2023 23:27	KH
91-58-7	2-Chloronaphthalene	ND		ug/kg dry	47.0	93.8	2	EPA 8270D Certifications:	02/08/2023 08:08 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	02/09/2023 23:27	KH
95-57-8	2-Chlorophenol	ND		ug/kg dry	47.0	93.8	2	EPA 8270D Certifications:	02/08/2023 08:08 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	02/09/2023 23:27	KH
91-57-6	2-Methylnaphthalene	ND		ug/kg dry	47.0	93.8	2	EPA 8270D Certifications:	02/08/2023 08:08 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	02/09/2023 23:27	KH
95-48-7	2-Methylphenol	ND		ug/kg dry	47.0	93.8	2	EPA 8270D Certifications:	02/08/2023 08:08 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	02/09/2023 23:27	KH

Sample Information

Client Sample ID: SB-4 (5-7 ft) **York Sample ID:** 23B0078-08

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23B0078	B 62nd Street	Soil	February 1, 2023 12:08 pm	02/02/2023

Semi-Volatiles, 8270 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
88-74-4	2-Nitroaniline	ND		ug/kg dry	93.8	187	2	EPA 8270D Certifications:	02/08/2023 08:08 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	02/09/2023 23:27	KH
88-75-5	2-Nitrophenol	ND		ug/kg dry	47.0	93.8	2	EPA 8270D Certifications:	02/08/2023 08:08 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	02/09/2023 23:27	KH
65794-96-9	3- & 4-Methylphenols	ND		ug/kg dry	47.0	93.8	2	EPA 8270D Certifications:	02/08/2023 08:08 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	02/09/2023 23:27	KH
91-94-1	3,3-Dichlorobenzidine	ND		ug/kg dry	47.0	93.8	2	EPA 8270D Certifications:	02/08/2023 08:08 NELAC-NY10854,NJDEP,PADEP	02/09/2023 23:27	KH
99-09-2	3-Nitroaniline	ND		ug/kg dry	93.8	187	2	EPA 8270D Certifications:	02/08/2023 08:08 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	02/09/2023 23:27	KH
534-52-1	4,6-Dinitro-2-methylphenol	ND	CAL-E	ug/kg dry	93.8	187	2	EPA 8270D Certifications:	02/08/2023 08:08 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	02/09/2023 23:27	KH
101-55-3	4-Bromophenyl phenyl ether	ND		ug/kg dry	47.0	93.8	2	EPA 8270D Certifications:	02/08/2023 08:08 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	02/09/2023 23:27	KH
59-50-7	4-Chloro-3-methylphenol	ND		ug/kg dry	47.0	93.8	2	EPA 8270D Certifications:	02/08/2023 08:08 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	02/09/2023 23:27	KH
106-47-8	4-Chloroaniline	ND		ug/kg dry	47.0	93.8	2	EPA 8270D Certifications:	02/08/2023 08:08 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	02/09/2023 23:27	KH
7005-72-3	4-Chlorophenyl phenyl ether	ND		ug/kg dry	47.0	93.8	2	EPA 8270D Certifications:	02/08/2023 08:08 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	02/09/2023 23:27	KH
100-01-6	4-Nitroaniline	ND		ug/kg dry	93.8	187	2	EPA 8270D Certifications:	02/08/2023 08:08 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	02/09/2023 23:27	KH
100-02-7	4-Nitrophenol	ND		ug/kg dry	93.8	187	2	EPA 8270D Certifications:	02/08/2023 08:08 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	02/09/2023 23:27	KH
83-32-9	Acenaphthene	ND		ug/kg dry	47.0	93.8	2	EPA 8270D Certifications:	02/08/2023 08:08 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	02/09/2023 23:27	KH
208-96-8	**Acenaphthylene**	**57.7**	J	ug/kg dry	47.0	93.8	2	EPA 8270D Certifications:	02/08/2023 08:08 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	02/09/2023 23:27	KH
98-86-2	Acetophenone	ND		ug/kg dry	47.0	93.8	2	EPA 8270D Certifications:	02/08/2023 08:08 NELAC-NY10854,NJDEP,PADEP	02/09/2023 23:27	KH
62-53-3	Aniline	ND		ug/kg dry	188	376	2	EPA 8270D Certifications:	02/08/2023 08:08 NELAC-NY10854,NJDEP,PADEP	02/09/2023 23:27	KH
120-12-7	**Anthracene**	**100**		ug/kg dry	47.0	93.8	2	EPA 8270D Certifications:	02/08/2023 08:08 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	02/09/2023 23:27	KH
1912-24-9	Atrazine	ND		ug/kg dry	47.0	93.8	2	EPA 8270D Certifications:	02/08/2023 08:08 NELAC-NY10854,NJDEP,PADEP	02/09/2023 23:27	KH
100-52-7	Benzaldehyde	ND		ug/kg dry	47.0	93.8	2	EPA 8270D Certifications:	02/08/2023 08:08 NELAC-NY10854,NJDEP,PADEP	02/09/2023 23:27	KH
92-87-5	Benzidine	ND	CCVE	ug/kg dry	188	376	2	EPA 8270D Certifications:	02/08/2023 08:08 CTDOH-PH-0723,NELAC-NY10854,PADEP	02/09/2023 23:27	KH
56-55-3	**Benzo(a)anthracene**	**322**		ug/kg dry	47.0	93.8	2	EPA 8270D Certifications:	02/08/2023 08:08 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	02/09/2023 23:27	KH
50-32-8	**Benzo(a)pyrene**	**289**		ug/kg dry	47.0	93.8	2	EPA 8270D Certifications:	02/08/2023 08:08 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	02/09/2023 23:27	KH
205-99-2	**Benzo(b)fluoranthene**	**267**		ug/kg dry	47.0	93.8	2	EPA 8270D Certifications:	02/08/2023 08:08 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	02/09/2023 23:27	KH

Sample Information

Client Sample ID: SB-4 (5-7 ft) **York Sample ID:** 23B0078-08

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23B0078	B 62nd Street	Soil	February 1, 2023 12:08 pm	02/02/2023

Semi-Volatiles, 8270 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
191-24-2	**Benzo(g,h,i)perylene**	**166**		ug/kg dry	47.0	93.8	2	EPA 8270D	02/08/2023 08:08	02/09/2023 23:27	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
207-08-9	**Benzo(k)fluoranthene**	**272**		ug/kg dry	47.0	93.8	2	EPA 8270D	02/08/2023 08:08	02/09/2023 23:27	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
65-85-0	Benzoic acid	ND	QL-02	ug/kg dry	47.0	93.8	2	EPA 8270D	02/08/2023 08:08	02/09/2023 23:27	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
100-51-6	Benzyl alcohol	ND		ug/kg dry	47.0	93.8	2	EPA 8270D	02/08/2023 08:08	02/09/2023 23:27	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
85-68-7	Benzyl butyl phthalate	ND		ug/kg dry	47.0	93.8	2	EPA 8270D	02/08/2023 08:08	02/09/2023 23:27	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
111-91-1	Bis(2-chloroethoxy)methane	ND		ug/kg dry	47.0	93.8	2	EPA 8270D	02/08/2023 08:08	02/09/2023 23:27	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
111-44-4	Bis(2-chloroethyl)ether	ND		ug/kg dry	47.0	93.8	2	EPA 8270D	02/08/2023 08:08	02/09/2023 23:27	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
108-60-1	Bis(2-chloroisopropyl)ether	ND		ug/kg dry	47.0	93.8	2	EPA 8270D	02/08/2023 08:08	02/09/2023 23:27	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
117-81-7	**Bis(2-ethylhexyl)phthalate**	**73.5**	J	ug/kg dry	47.0	93.8	2	EPA 8270D	02/08/2023 08:08	02/09/2023 23:27	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
105-60-2	Caprolactam	ND		ug/kg dry	93.8	187	2	EPA 8270D	02/08/2023 08:08	02/09/2023 23:27	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
86-74-8	Carbazole	ND		ug/kg dry	47.0	93.8	2	EPA 8270D	02/08/2023 08:08	02/09/2023 23:27	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
218-01-9	**Chrysene**	**294**		ug/kg dry	47.0	93.8	2	EPA 8270D	02/08/2023 08:08	02/09/2023 23:27	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
53-70-3	Dibenzo(a,h)anthracene	ND		ug/kg dry	47.0	93.8	2	EPA 8270D	02/08/2023 08:08	02/09/2023 23:27	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
132-64-9	Dibenzofuran	ND		ug/kg dry	47.0	93.8	2	EPA 8270D	02/08/2023 08:08	02/09/2023 23:27	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
84-66-2	Diethyl phthalate	ND		ug/kg dry	47.0	93.8	2	EPA 8270D	02/08/2023 08:08	02/09/2023 23:27	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
131-11-3	Dimethyl phthalate	ND		ug/kg dry	47.0	93.8	2	EPA 8270D	02/08/2023 08:08	02/09/2023 23:27	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
84-74-2	Di-n-butyl phthalate	ND		ug/kg dry	47.0	93.8	2	EPA 8270D	02/08/2023 08:08	02/09/2023 23:27	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
117-84-0	Di-n-octyl phthalate	ND		ug/kg dry	47.0	93.8	2	EPA 8270D	02/08/2023 08:08	02/09/2023 23:27	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
122-39-4	* Diphenylamine	ND		ug/kg dry	93.8	187	2	EPA 8270D	02/08/2023 08:08	02/09/2023 23:27	KH
								Certifications:			
206-44-0	**Fluoranthene**	**603**		ug/kg dry	47.0	93.8	2	EPA 8270D	02/08/2023 08:08	02/09/2023 23:27	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
86-73-7	Fluorene	ND		ug/kg dry	47.0	93.8	2	EPA 8270D	02/08/2023 08:08	02/09/2023 23:27	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
118-74-1	Hexachlorobenzene	ND		ug/kg dry	47.0	93.8	2	EPA 8270D	02/08/2023 08:08	02/09/2023 23:27	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
87-68-3	Hexachlorobutadiene	ND		ug/kg dry	47.0	93.8	2	EPA 8270D	02/08/2023 08:08	02/09/2023 23:27	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		

Sample Information

Client Sample ID: SB-4 (5-7 ft) **York Sample ID:** 23B0078-08

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23B0078	B 62nd Street	Soil	February 1, 2023 12:08 pm	02/02/2023

Semi-Volatiles, 8270 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
77-47-4	Hexachlorocyclopentadiene	ND	CCVE	ug/kg dry	47.0	93.8	2	EPA 8270D Certifications:	02/08/2023 08:08 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	02/09/2023 23:27	KH
67-72-1	Hexachloroethane	ND		ug/kg dry	47.0	93.8	2	EPA 8270D Certifications:	02/08/2023 08:08 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	02/09/2023 23:27	KH
193-39-5	**Indeno(1,2,3-cd)pyrene**	**193**		ug/kg dry	47.0	93.8	2	EPA 8270D Certifications:	02/08/2023 08:08 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	02/09/2023 23:27	KH
78-59-1	Isophorone	ND		ug/kg dry	47.0	93.8	2	EPA 8270D Certifications:	02/08/2023 08:08 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	02/09/2023 23:27	KH
91-20-3	**Naphthalene**	**77.2**	J	ug/kg dry	47.0	93.8	2	EPA 8270D Certifications:	02/08/2023 08:08 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	02/09/2023 23:27	KH
98-95-3	Nitrobenzene	ND		ug/kg dry	47.0	93.8	2	EPA 8270D Certifications:	02/08/2023 08:08 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	02/09/2023 23:27	KH
62-75-9	N-Nitrosodimethylamine	ND		ug/kg dry	47.0	93.8	2	EPA 8270D Certifications:	02/08/2023 08:08 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	02/09/2023 23:27	KH
621-64-7	N-nitroso-di-n-propylamine	ND		ug/kg dry	47.0	93.8	2	EPA 8270D Certifications:	02/08/2023 08:08 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	02/09/2023 23:27	KH
86-30-6	N-Nitrosodiphenylamine	ND		ug/kg dry	47.0	93.8	2	EPA 8270D Certifications:	02/08/2023 08:08 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	02/09/2023 23:27	KH
87-86-5	Pentachlorophenol	ND		ug/kg dry	47.0	93.8	2	EPA 8270D Certifications:	02/08/2023 08:08 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	02/09/2023 23:27	KH
85-01-8	**Phenanthrene**	**255**		ug/kg dry	47.0	93.8	2	EPA 8270D Certifications:	02/08/2023 08:08 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	02/09/2023 23:27	KH
108-95-2	Phenol	ND		ug/kg dry	47.0	93.8	2	EPA 8270D Certifications:	02/08/2023 08:08 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	02/09/2023 23:27	KH
129-00-0	**Pyrene**	**525**		ug/kg dry	47.0	93.8	2	EPA 8270D Certifications:	02/08/2023 08:08 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	02/09/2023 23:27	KH

	Surrogate Recoveries	Result	Acceptance Range
367-12-4	*Surrogate: SURR: 2-Fluorophenol*	*61.2 %*	*20-108*
13127-88-3	*Surrogate: SURR: Phenol-d6*	*63.2 %*	*23-114*
4165-60-0	*Surrogate: SURR: Nitrobenzene-d5*	*71.4 %*	*22-108*
321-60-8	*Surrogate: SURR: 2-Fluorobiphenyl*	*63.3 %*	*21-113*
118-79-6	*Surrogate: SURR: 2,4,6-Tribromophenol*	*63.6 %*	*19-110*
1718-51-0	*Surrogate: SURR: Terphenyl-d14*	*74.6 %*	*24-116*

Pesticides, 8081 target list

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
72-54-8	4,4'-DDD	ND		ug/kg dry	1.88	5	EPA 8081B Certifications:	02/07/2023 07:57 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	02/09/2023 04:08	BJ
72-55-9	4,4'-DDE	ND		ug/kg dry	1.88	5	EPA 8081B Certifications:	02/07/2023 07:57 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	02/09/2023 04:08	BJ

Sample Information

Client Sample ID: SB-4 (5-7 ft) **York Sample ID:** 23B0078-08

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23B0078	B 62nd Street	Soil	February 1, 2023 12:08 pm	02/02/2023

Pesticides, 8081 target list

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
50-29-3	4,4'-DDT	ND		ug/kg dry	1.88	5	EPA 8081B Certifications:	02/07/2023 07:57 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	02/09/2023 04:08	BJ
309-00-2	Aldrin	ND		ug/kg dry	1.88	5	EPA 8081B Certifications:	02/07/2023 07:57 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	02/09/2023 04:08	BJ
319-84-6	alpha-BHC	ND		ug/kg dry	1.88	5	EPA 8081B Certifications:	02/07/2023 07:57 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	02/09/2023 04:08	BJ
319-85-7	beta-BHC	ND		ug/kg dry	1.88	5	EPA 8081B Certifications:	02/07/2023 07:57 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	02/09/2023 04:08	BJ
12789-03-6	Chlordane, total	ND	P	ug/kg dry	37.6	5	EPA 8081B Certifications:	02/07/2023 07:57 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	02/09/2023 04:08	BJ
319-86-8	delta-BHC	ND		ug/kg dry	1.88	5	EPA 8081B Certifications:	02/07/2023 07:57 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	02/09/2023 04:08	BJ
60-57-1	Dieldrin	ND		ug/kg dry	1.88	5	EPA 8081B Certifications:	02/07/2023 07:57 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	02/09/2023 04:08	BJ
959-98-8	Endosulfan I	ND		ug/kg dry	1.88	5	EPA 8081B Certifications:	02/07/2023 07:57 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	02/09/2023 04:08	BJ
33213-65-9	Endosulfan II	ND		ug/kg dry	1.88	5	EPA 8081B Certifications:	02/07/2023 07:57 CTDOH-PH-0723,NELAC-NY10854	02/09/2023 04:08	BJ
1031-07-8	Endosulfan sulfate	ND		ug/kg dry	1.88	5	EPA 8081B Certifications:	02/07/2023 07:57 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	02/09/2023 04:08	BJ
72-20-8	Endrin	ND		ug/kg dry	1.88	5	EPA 8081B Certifications:	02/07/2023 07:57 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	02/09/2023 04:08	BJ
7421-93-4	Endrin aldehyde	ND		ug/kg dry	1.88	5	EPA 8081B Certifications:	02/07/2023 07:57 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	02/09/2023 04:08	BJ
53494-70-5	Endrin ketone	ND		ug/kg dry	1.88	5	EPA 8081B Certifications:	02/07/2023 07:57 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	02/09/2023 04:08	BJ
58-89-9	gamma-BHC (Lindane)	ND		ug/kg dry	1.88	5	EPA 8081B Certifications:	02/07/2023 07:57 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	02/09/2023 04:08	BJ
76-44-8	Heptachlor	ND		ug/kg dry	1.88	5	EPA 8081B Certifications:	02/07/2023 07:57 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	02/09/2023 04:08	BJ
1024-57-3	Heptachlor epoxide	ND		ug/kg dry	1.88	5	EPA 8081B Certifications:	02/07/2023 07:57 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	02/09/2023 04:08	BJ
72-43-5	Methoxychlor	ND		ug/kg dry	9.40	5	EPA 8081B Certifications:	02/07/2023 07:57 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	02/09/2023 04:08	BJ
8001-35-2	Toxaphene	ND		ug/kg dry	95.2	5	EPA 8081B Certifications:	02/07/2023 07:57 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	02/09/2023 04:08	BJ

	Surrogate Recoveries	Result		Acceptance Range
2051-24-3	*Surrogate: Decachlorobiphenyl*	*44.1 %*		*30-150*
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*24.0 %*	S-GC	*30-150*

Polychlorinated Biphenyls (PCB)

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst

Sample Information

Client Sample ID: SB-4 (5-7 ft) **York Sample ID:** 23B0078-08

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23B0078	B 62nd Street	Soil	February 1, 2023 12:08 pm	02/02/2023

Polychlorinated Biphenyls (PCB)

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
12674-11-2	Aroclor 1016	ND		mg/kg dry	0.0190	1	EPA 8082A Certifications:	02/07/2023 07:57 NELAC-NY10854,CTDOH-PH-0723,NJDEP,PADEP	02/10/2023 02:51	BJ
11104-28-2	Aroclor 1221	ND		mg/kg dry	0.0190	1	EPA 8082A Certifications:	02/07/2023 07:57 NELAC-NY10854,CTDOH-PH-0723,NJDEP,PADEP	02/10/2023 02:51	BJ
11141-16-5	Aroclor 1232	ND		mg/kg dry	0.0190	1	EPA 8082A Certifications:	02/07/2023 07:57 NELAC-NY10854,CTDOH-PH-0723,NJDEP,PADEP	02/10/2023 02:51	BJ
53469-21-9	Aroclor 1242	ND		mg/kg dry	0.0190	1	EPA 8082A Certifications:	02/07/2023 07:57 NELAC-NY10854,CTDOH-PH-0723,NJDEP,PADEP	02/10/2023 02:51	BJ
12672-29-6	Aroclor 1248	ND		mg/kg dry	0.0190	1	EPA 8082A Certifications:	02/07/2023 07:57 NELAC-NY10854,CTDOH-PH-0723,NJDEP,PADEP	02/10/2023 02:51	BJ
11097-69-1	Aroclor 1254	ND		mg/kg dry	0.0190	1	EPA 8082A Certifications:	02/07/2023 07:57 NELAC-NY10854,CTDOH-PH-0723,NJDEP,PADEP	02/10/2023 02:51	BJ
11096-82-5	Aroclor 1260	ND		mg/kg dry	0.0190	1	EPA 8082A Certifications:	02/07/2023 07:57 NELAC-NY10854,CTDOH-PH-0723,NJDEP,PADEP	02/10/2023 02:51	BJ
1336-36-3	* Total PCBs	ND		mg/kg dry	0.0190	1	EPA 8082A Certifications:	02/07/2023 07:57	02/10/2023 02:51	BJ

	Surrogate Recoveries	Result	Acceptance Range
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*68.5 %*	*30-140*
2051-24-3	*Surrogate: Decachlorobiphenyl*	*77.5 %*	*30-140*

Metals, Target Analyte

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7429-90-5	**Aluminum**	**2530**		mg/kg dry	4.76	1	EPA 6010D Certifications:	02/09/2023 08:50 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	02/10/2023 16:03	CW
7440-36-0	**Antimony**	**3.67**	M-CCV 1	mg/kg dry	2.38	1	EPA 6010D Certifications:	02/09/2023 08:50 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	02/10/2023 16:03	CW
7440-38-2	**Arsenic**	**3.74**		mg/kg dry	1.43	1	EPA 6010D Certifications:	02/09/2023 08:50 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	02/10/2023 16:03	CW
7440-39-3	**Barium**	**367**		mg/kg dry	2.38	1	EPA 6010D Certifications:	02/09/2023 08:50 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	02/10/2023 16:03	CW
7440-41-7	**Beryllium**	**0.228**		mg/kg dry	0.048	1	EPA 6010D Certifications:	02/09/2023 08:50 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	02/10/2023 16:03	CW
7440-43-9	**Cadmium**	**3.69**		mg/kg dry	0.286	1	EPA 6010D Certifications:	02/09/2023 08:50 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	02/10/2023 16:03	CW
7440-70-2	**Calcium**	**12200**		mg/kg dry	4.76	1	EPA 6010D Certifications:	02/09/2023 08:50 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	02/10/2023 16:03	CW
7440-47-3	**Chromium**	**15.2**		mg/kg dry	0.477	1	EPA 6010D Certifications:	02/09/2023 08:50 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	02/10/2023 16:03	CW
7440-48-4	**Cobalt**	**4.59**		mg/kg dry	0.381	1	EPA 6010D Certifications:	02/09/2023 08:50 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	02/10/2023 16:03	CW

Sample Information

Client Sample ID: SB-4 (5-7 ft) **York Sample ID:** 23B0078-08

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23B0078	B 62nd Street	Soil	February 1, 2023 12:08 pm	02/02/2023

Metals, Target Analyte

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-50-8	**Copper**	**99.2**		mg/kg dry	1.91	1	EPA 6010D	02/09/2023 08:50	02/10/2023 16:03	CW
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7439-89-6	**Iron**	**35100**		mg/kg dry	23.8	1	EPA 6010D	02/09/2023 08:50	02/10/2023 16:03	CW
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7439-92-1	**Lead**	**532**		mg/kg dry	0.477	1	EPA 6010D	02/09/2023 08:50	02/10/2023 16:03	CW
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7439-95-4	**Magnesium**	**1050**		mg/kg dry	4.77	1	EPA 6010D	02/09/2023 08:50	02/10/2023 16:03	CW
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7439-96-5	**Manganese**	**173**		mg/kg dry	0.477	1	EPA 6010D	02/09/2023 08:50	02/10/2023 16:03	CW
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7440-02-0	**Nickel**	**24.0**		mg/kg dry	0.949	1	EPA 6010D	02/09/2023 08:50	02/10/2023 16:03	CW
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7440-09-7	**Potassium**	**527**	B	mg/kg dry	4.77	1	EPA 6010D	02/09/2023 08:50	02/10/2023 16:03	CW
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7782-49-2	Selenium	ND		mg/kg dry	2.38	1	EPA 6010D	02/09/2023 08:50	02/10/2023 16:03	CW
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7440-22-4	Silver	ND		mg/kg dry	0.480	1	EPA 6010D	02/09/2023 08:50	02/10/2023 16:03	CW
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7440-23-5	**Sodium**	**227**		mg/kg dry	47.6	1	EPA 6010D	02/09/2023 08:50	02/10/2023 16:03	CW
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7440-28-0	Thallium	ND		mg/kg dry	2.38	1	EPA 6010D	02/09/2023 08:50	02/10/2023 16:03	CW
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7440-62-2	**Vanadium**	**8.72**		mg/kg dry	0.949	1	EPA 6010D	02/09/2023 08:50	02/10/2023 16:03	CW
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7440-66-6	**Zinc**	**682**		mg/kg dry	2.37	1	EPA 6010D	02/09/2023 08:50	02/10/2023 16:03	CW
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		

Mercury by 7473

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 7473 soil

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	**Mercury**	**0.239**		mg/kg dry	0.0343	1	EPA 7473	02/07/2023 11:17	02/07/2023 14:31	PDL
							Certifications:	CTDOH-PH-0723,NJDEP,NELAC-NY10854,PADEP		

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**	**87.5**		%	0.100	1	SM 2540G	02/07/2023 07:41	02/07/2023 12:53	sgs
							Certifications:	CTDOH-PH-0723		

Sample Information

Client Sample ID: **SB-5 (0-2 ft)** **York Sample ID:** **23B0078-09**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23B0078	B 62nd Street	Soil	February 1, 2023 12:24 pm	02/02/2023

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	2.7	5.3	1	EPA 8260C Certifications:	02/03/2023 09:00	02/03/2023 23:30	FTR CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
71-55-6	1,1,1-Trichloroethane	ND		ug/kg dry	2.7	5.3	1	EPA 8260C Certifications:	02/03/2023 09:00	02/03/2023 23:30	FTR CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/kg dry	2.7	5.3	1	EPA 8260C Certifications:	02/03/2023 09:00	02/03/2023 23:30	FTR CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/kg dry	2.7	5.3	1	EPA 8260C Certifications:	02/03/2023 09:00	02/03/2023 23:30	FTR CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP
79-00-5	1,1,2-Trichloroethane	ND		ug/kg dry	2.7	5.3	1	EPA 8260C Certifications:	02/03/2023 09:00	02/03/2023 23:30	FTR CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
75-34-3	1,1-Dichloroethane	ND		ug/kg dry	2.7	5.3	1	EPA 8260C Certifications:	02/03/2023 09:00	02/03/2023 23:30	FTR CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
75-35-4	1,1-Dichloroethylene	ND		ug/kg dry	2.7	5.3	1	EPA 8260C Certifications:	02/03/2023 09:00	02/03/2023 23:30	FTR CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
87-61-6	1,2,3-Trichlorobenzene	ND		ug/kg dry	2.7	5.3	1	EPA 8260C Certifications:	02/03/2023 09:00	02/03/2023 23:30	FTR NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
96-18-4	1,2,3-Trichloropropane	ND		ug/kg dry	2.7	5.3	1	EPA 8260C Certifications:	02/03/2023 09:00	02/03/2023 23:30	FTR NELAC-NY10854,NELAC-NY12058,NJDEP
120-82-1	1,2,4-Trichlorobenzene	ND		ug/kg dry	2.7	5.3	1	EPA 8260C Certifications:	02/03/2023 09:00	02/03/2023 23:30	FTR NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
95-63-6	1,2,4-Trimethylbenzene	ND		ug/kg dry	2.7	5.3	1	EPA 8260C Certifications:	02/03/2023 09:00	02/03/2023 23:30	FTR CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/kg dry	2.7	5.3	1	EPA 8260C Certifications:	02/03/2023 09:00	02/03/2023 23:30	FTR CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
106-93-4	1,2-Dibromoethane	ND		ug/kg dry	2.7	5.3	1	EPA 8260C Certifications:	02/03/2023 09:00	02/03/2023 23:30	FTR CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
95-50-1	1,2-Dichlorobenzene	ND		ug/kg dry	2.7	5.3	1	EPA 8260C Certifications:	02/03/2023 09:00	02/03/2023 23:30	FTR CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
107-06-2	1,2-Dichloroethane	ND		ug/kg dry	2.7	5.3	1	EPA 8260C Certifications:	02/03/2023 09:00	02/03/2023 23:30	FTR CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
78-87-5	1,2-Dichloropropane	ND		ug/kg dry	2.7	5.3	1	EPA 8260C Certifications:	02/03/2023 09:00	02/03/2023 23:30	FTR CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
108-67-8	1,3,5-Trimethylbenzene	ND		ug/kg dry	2.7	5.3	1	EPA 8260C Certifications:	02/03/2023 09:00	02/03/2023 23:30	FTR CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
541-73-1	1,3-Dichlorobenzene	ND		ug/kg dry	2.7	5.3	1	EPA 8260C Certifications:	02/03/2023 09:00	02/03/2023 23:30	FTR CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
106-46-7	1,4-Dichlorobenzene	ND		ug/kg dry	2.7	5.3	1	EPA 8260C Certifications:	02/03/2023 09:00	02/03/2023 23:30	FTR CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
123-91-1	1,4-Dioxane	ND		ug/kg dry	53	110	1	EPA 8260C Certifications:	02/03/2023 09:00	02/03/2023 23:30	FTR NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
78-93-3	2-Butanone	ND		ug/kg dry	2.7	5.3	1	EPA 8260C Certifications:	02/03/2023 09:00	02/03/2023 23:30	FTR CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
591-78-6	2-Hexanone	ND		ug/kg dry	2.7	5.3	1	EPA 8260C Certifications:	02/03/2023 09:00	02/03/2023 23:30	FTR CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
108-10-1	4-Methyl-2-pentanone	ND		ug/kg dry	2.7	5.3	1	EPA 8260C Certifications:	02/03/2023 09:00	02/03/2023 23:30	FTR CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI

Sample Information

Client Sample ID: SB-5 (0-2 ft) **York Sample ID:** 23B0078-09

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23B0078	B 62nd Street	Soil	February 1, 2023 12:24 pm	02/02/2023

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
67-64-1	Acetone	ND		ug/kg dry	5.3	11	1	EPA 8260C Certifications:	02/03/2023 09:00	02/03/2023 23:30	FTR CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
107-02-8	Acrolein	ND		ug/kg dry	5.3	11	1	EPA 8260C Certifications:	02/03/2023 09:00	02/03/2023 23:30	FTR CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
107-13-1	Acrylonitrile	ND		ug/kg dry	2.7	5.3	1	EPA 8260C Certifications:	02/03/2023 09:00	02/03/2023 23:30	FTR CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
71-43-2	Benzene	ND		ug/kg dry	2.7	5.3	1	EPA 8260C Certifications:	02/03/2023 09:00	02/03/2023 23:30	FTR CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
74-97-5	Bromochloromethane	ND		ug/kg dry	2.7	5.3	1	EPA 8260C Certifications:	02/03/2023 09:00	02/03/2023 23:30	FTR NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
75-27-4	Bromodichloromethane	ND		ug/kg dry	2.7	5.3	1	EPA 8260C Certifications:	02/03/2023 09:00	02/03/2023 23:30	FTR CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
75-25-2	Bromoform	ND		ug/kg dry	2.7	5.3	1	EPA 8260C Certifications:	02/03/2023 09:00	02/03/2023 23:30	FTR CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
74-83-9	Bromomethane	ND		ug/kg dry	2.7	5.3	1	EPA 8260C Certifications:	02/03/2023 09:00	02/03/2023 23:30	FTR CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
75-15-0	Carbon disulfide	ND		ug/kg dry	2.7	5.3	1	EPA 8260C Certifications:	02/03/2023 09:00	02/03/2023 23:30	FTR CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
56-23-5	Carbon tetrachloride	ND		ug/kg dry	2.7	5.3	1	EPA 8260C Certifications:	02/03/2023 09:00	02/03/2023 23:30	FTR CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
108-90-7	Chlorobenzene	ND		ug/kg dry	2.7	5.3	1	EPA 8260C Certifications:	02/03/2023 09:00	02/03/2023 23:30	FTR CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
75-00-3	Chloroethane	ND		ug/kg dry	2.7	5.3	1	EPA 8260C Certifications:	02/03/2023 09:00	02/03/2023 23:30	FTR CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
67-66-3	Chloroform	ND		ug/kg dry	2.7	5.3	1	EPA 8260C Certifications:	02/03/2023 09:00	02/03/2023 23:30	FTR CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
74-87-3	Chloromethane	ND		ug/kg dry	2.7	5.3	1	EPA 8260C Certifications:	02/03/2023 09:00	02/03/2023 23:30	FTR CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
156-59-2	cis-1,2-Dichloroethylene	ND		ug/kg dry	2.7	5.3	1	EPA 8260C Certifications:	02/03/2023 09:00	02/03/2023 23:30	FTR CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/kg dry	2.7	5.3	1	EPA 8260C Certifications:	02/03/2023 09:00	02/03/2023 23:30	FTR CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
110-82-7	Cyclohexane	ND		ug/kg dry	2.7	5.3	1	EPA 8260C Certifications:	02/03/2023 09:00	02/03/2023 23:30	FTR NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
124-48-1	Dibromochloromethane	ND		ug/kg dry	2.7	5.3	1	EPA 8260C Certifications:	02/03/2023 09:00	02/03/2023 23:30	FTR NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
74-95-3	Dibromomethane	ND		ug/kg dry	2.7	5.3	1	EPA 8260C Certifications:	02/03/2023 09:00	02/03/2023 23:30	FTR NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
75-71-8	Dichlorodifluoromethane	ND		ug/kg dry	2.7	5.3	1	EPA 8260C Certifications:	02/03/2023 09:00	02/03/2023 23:30	FTR NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
100-41-4	Ethyl Benzene	ND		ug/kg dry	2.7	5.3	1	EPA 8260C Certifications:	02/03/2023 09:00	02/03/2023 23:30	FTR CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
87-68-3	Hexachlorobutadiene	ND		ug/kg dry	2.7	5.3	1	EPA 8260C Certifications:	02/03/2023 09:00	02/03/2023 23:30	FTR NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
98-82-8	Isopropylbenzene	ND		ug/kg dry	2.7	5.3	1	EPA 8260C Certifications:	02/03/2023 09:00	02/03/2023 23:30	FTR CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI

Sample Information

Client Sample ID: SB-5 (0-2 ft) **York Sample ID:** 23B0078-09

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23B0078	B 62nd Street	Soil	February 1, 2023 12:24 pm	02/02/2023

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
79-20-9	Methyl acetate	ND		ug/kg dry	2.7	5.3	1	EPA 8260C Certifications:	02/03/2023 09:00 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	02/03/2023 23:30	FTR
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/kg dry	2.7	5.3	1	EPA 8260C Certifications:	02/03/2023 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	02/03/2023 23:30	FTR
108-87-2	Methylcyclohexane	ND		ug/kg dry	2.7	5.3	1	EPA 8260C Certifications:	02/03/2023 09:00 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	02/03/2023 23:30	FTR
75-09-2	Methylene chloride	ND		ug/kg dry	5.3	11	1	EPA 8260C Certifications:	02/03/2023 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	02/03/2023 23:30	FTR
104-51-8	n-Butylbenzene	ND		ug/kg dry	2.7	5.3	1	EPA 8260C Certifications:	02/03/2023 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	02/03/2023 23:30	FTR
103-65-1	n-Propylbenzene	ND		ug/kg dry	2.7	5.3	1	EPA 8260C Certifications:	02/03/2023 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	02/03/2023 23:30	FTR
95-47-6	o-Xylene	ND		ug/kg dry	2.7	5.3	1	EPA 8260C Certifications:	02/03/2023 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP	02/03/2023 23:30	FTR
179601-23-1	p- & m- Xylenes	ND		ug/kg dry	5.3	11	1	EPA 8260C Certifications:	02/03/2023 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP	02/03/2023 23:30	FTR
99-87-6	p-Isopropyltoluene	ND		ug/kg dry	2.7	5.3	1	EPA 8260C Certifications:	02/03/2023 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	02/03/2023 23:30	FTR
135-98-8	sec-Butylbenzene	ND		ug/kg dry	2.7	5.3	1	EPA 8260C Certifications:	02/03/2023 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	02/03/2023 23:30	FTR
100-42-5	Styrene	ND		ug/kg dry	2.7	5.3	1	EPA 8260C Certifications:	02/03/2023 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	02/03/2023 23:30	FTR
75-65-0	tert-Butyl alcohol (TBA)	ND		ug/kg dry	2.7	5.3	1	EPA 8260C Certifications:	02/03/2023 09:00 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	02/03/2023 23:30	FTR
98-06-6	tert-Butylbenzene	ND		ug/kg dry	2.7	5.3	1	EPA 8260C Certifications:	02/03/2023 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	02/03/2023 23:30	FTR
127-18-4	Tetrachloroethylene	ND		ug/kg dry	2.7	5.3	1	EPA 8260C Certifications:	02/03/2023 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	02/03/2023 23:30	FTR
108-88-3	Toluene	ND		ug/kg dry	2.7	5.3	1	EPA 8260C Certifications:	02/03/2023 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	02/03/2023 23:30	FTR
156-60-5	trans-1,2-Dichloroethylene	ND		ug/kg dry	2.7	5.3	1	EPA 8260C Certifications:	02/03/2023 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	02/03/2023 23:30	FTR
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/kg dry	2.7	5.3	1	EPA 8260C Certifications:	02/03/2023 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	02/03/2023 23:30	FTR
110-57-6	* trans-1,4-dichloro-2-butene	ND		ug/kg dry	2.7	5.3	1	EPA 8260C Certifications:	02/03/2023 09:00 CTDOH-PH-0723	02/03/2023 23:30	FTR
79-01-6	Trichloroethylene	ND		ug/kg dry	2.7	5.3	1	EPA 8260C Certifications:	02/03/2023 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	02/03/2023 23:30	FTR
75-69-4	Trichlorofluoromethane	ND		ug/kg dry	2.7	5.3	1	EPA 8260C Certifications:	02/03/2023 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	02/03/2023 23:30	FTR
75-01-4	Vinyl Chloride	ND		ug/kg dry	2.7	5.3	1	EPA 8260C Certifications:	02/03/2023 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	02/03/2023 23:30	FTR
1330-20-7	Xylenes, Total	ND		ug/kg dry	8.0	16	1	EPA 8260C Certifications:	02/03/2023 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP	02/03/2023 23:30	FTR

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: SURR: 1,2-Dichloroethane-d4*	*101 %*	*77-125*

Sample Information

Client Sample ID: SB-5 (0-2 ft) **York Sample ID:** 23B0078-09

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23B0078	B 62nd Street	Soil	February 1, 2023 12:24 pm	02/02/2023

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
2037-26-5	*Surrogate: SURR: Toluene-d8*	*91.3 %*			*85-120*						
460-00-4	*Surrogate: SURR: p-Bromofluorobenzene*	*108 %*			*76-130*						

Semi-Volatiles, 8270 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
92-52-4	1,1-Biphenyl	ND		ug/kg dry	49.2	98.1	2	EPA 8270D Certifications:	02/08/2023 08:08 NELAC-NY10854,NJDEP,PADEP	02/09/2023 23:56	KH
95-94-3	1,2,4,5-Tetrachlorobenzene	ND		ug/kg dry	98.1	196	2	EPA 8270D Certifications:	02/08/2023 08:08 NELAC-NY10854,NJDEP,PADEP	02/09/2023 23:56	KH
120-82-1	1,2,4-Trichlorobenzene	ND		ug/kg dry	49.2	98.1	2	EPA 8270D Certifications:	02/08/2023 08:08 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	02/09/2023 23:56	KH
95-50-1	1,2-Dichlorobenzene	ND		ug/kg dry	49.2	98.1	2	EPA 8270D Certifications:	02/08/2023 08:08 NELAC-NY10854,PADEP	02/09/2023 23:56	KH
122-66-7	1,2-Diphenylhydrazine (as Azobenzene)	ND		ug/kg dry	49.2	98.1	2	EPA 8270D Certifications:	02/08/2023 08:08 NELAC-NY10854,NJDEP,PADEP	02/09/2023 23:56	KH
541-73-1	1,3-Dichlorobenzene	ND		ug/kg dry	49.2	98.1	2	EPA 8270D Certifications:	02/08/2023 08:08 NELAC-NY10854,PADEP	02/09/2023 23:56	KH
106-46-7	1,4-Dichlorobenzene	ND		ug/kg dry	49.2	98.1	2	EPA 8270D Certifications:	02/08/2023 08:08 NELAC-NY10854,PADEP	02/09/2023 23:56	KH
58-90-2	2,3,4,6-Tetrachlorophenol	ND		ug/kg dry	98.1	196	2	EPA 8270D Certifications:	02/08/2023 08:08 NELAC-NY10854,NJDEP,PADEP	02/09/2023 23:56	KH
95-95-4	2,4,5-Trichlorophenol	ND		ug/kg dry	49.2	98.1	2	EPA 8270D Certifications:	02/08/2023 08:08 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	02/09/2023 23:56	KH
88-06-2	2,4,6-Trichlorophenol	ND		ug/kg dry	49.2	98.1	2	EPA 8270D Certifications:	02/08/2023 08:08 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	02/09/2023 23:56	KH
120-83-2	2,4-Dichlorophenol	ND		ug/kg dry	49.2	98.1	2	EPA 8270D Certifications:	02/08/2023 08:08 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	02/09/2023 23:56	KH
105-67-9	2,4-Dimethylphenol	ND		ug/kg dry	49.2	98.1	2	EPA 8270D Certifications:	02/08/2023 08:08 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	02/09/2023 23:56	KH
51-28-5	2,4-Dinitrophenol	ND	CAL-E	ug/kg dry	98.1	196	2	EPA 8270D Certifications:	02/08/2023 08:08 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	02/09/2023 23:56	KH
121-14-2	2,4-Dinitrotoluene	ND		ug/kg dry	49.2	98.1	2	EPA 8270D Certifications:	02/08/2023 08:08 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	02/09/2023 23:56	KH
606-20-2	2,6-Dinitrotoluene	ND		ug/kg dry	49.2	98.1	2	EPA 8270D Certifications:	02/08/2023 08:08 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	02/09/2023 23:56	KH
91-58-7	2-Chloronaphthalene	ND		ug/kg dry	49.2	98.1	2	EPA 8270D Certifications:	02/08/2023 08:08 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	02/09/2023 23:56	KH
95-57-8	2-Chlorophenol	ND		ug/kg dry	49.2	98.1	2	EPA 8270D Certifications:	02/08/2023 08:08 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	02/09/2023 23:56	KH
91-57-6	2-Methylnaphthalene	ND		ug/kg dry	49.2	98.1	2	EPA 8270D Certifications:	02/08/2023 08:08 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	02/09/2023 23:56	KH
95-48-7	2-Methylphenol	ND		ug/kg dry	49.2	98.1	2	EPA 8270D Certifications:	02/08/2023 08:08 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	02/09/2023 23:56	KH

Sample Information

Client Sample ID: SB-5 (0-2 ft) **York Sample ID:** 23B0078-09

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23B0078	B 62nd Street	Soil	February 1, 2023 12:24 pm	02/02/2023

Semi-Volatiles, 8270 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
88-74-4	2-Nitroaniline	ND		ug/kg dry	98.1	196	2	EPA 8270D Certifications:	02/08/2023 08:08 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	02/09/2023 23:56	KH
88-75-5	2-Nitrophenol	ND		ug/kg dry	49.2	98.1	2	EPA 8270D Certifications:	02/08/2023 08:08 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	02/09/2023 23:56	KH
65794-96-9	3- & 4-Methylphenols	ND		ug/kg dry	49.2	98.1	2	EPA 8270D Certifications:	02/08/2023 08:08 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	02/09/2023 23:56	KH
91-94-1	3,3-Dichlorobenzidine	ND		ug/kg dry	49.2	98.1	2	EPA 8270D Certifications:	02/08/2023 08:08 NELAC-NY10854,NJDEP,PADEP	02/09/2023 23:56	KH
99-09-2	3-Nitroaniline	ND		ug/kg dry	98.1	196	2	EPA 8270D Certifications:	02/08/2023 08:08 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	02/09/2023 23:56	KH
534-52-1	4,6-Dinitro-2-methylphenol	ND	CAL-E	ug/kg dry	98.1	196	2	EPA 8270D Certifications:	02/08/2023 08:08 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	02/09/2023 23:56	KH
101-55-3	4-Bromophenyl phenyl ether	ND		ug/kg dry	49.2	98.1	2	EPA 8270D Certifications:	02/08/2023 08:08 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	02/09/2023 23:56	KH
59-50-7	4-Chloro-3-methylphenol	ND		ug/kg dry	49.2	98.1	2	EPA 8270D Certifications:	02/08/2023 08:08 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	02/09/2023 23:56	KH
106-47-8	4-Chloroaniline	ND		ug/kg dry	49.2	98.1	2	EPA 8270D Certifications:	02/08/2023 08:08 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	02/09/2023 23:56	KH
7005-72-3	4-Chlorophenyl phenyl ether	ND		ug/kg dry	49.2	98.1	2	EPA 8270D Certifications:	02/08/2023 08:08 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	02/09/2023 23:56	KH
100-01-6	4-Nitroaniline	ND		ug/kg dry	98.1	196	2	EPA 8270D Certifications:	02/08/2023 08:08 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	02/09/2023 23:56	KH
100-02-7	4-Nitrophenol	ND		ug/kg dry	98.1	196	2	EPA 8270D Certifications:	02/08/2023 08:08 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	02/09/2023 23:56	KH
83-32-9	**Acenaphthene**	**86.2**	J	ug/kg dry	49.2	98.1	2	EPA 8270D Certifications:	02/08/2023 08:08 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	02/09/2023 23:56	KH
208-96-8	**Acenaphthylene**	**69.8**	J	ug/kg dry	49.2	98.1	2	EPA 8270D Certifications:	02/08/2023 08:08 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	02/09/2023 23:56	KH
98-86-2	Acetophenone	ND		ug/kg dry	49.2	98.1	2	EPA 8270D Certifications:	02/08/2023 08:08 NELAC-NY10854,NJDEP,PADEP	02/09/2023 23:56	KH
62-53-3	Aniline	ND		ug/kg dry	196	393	2	EPA 8270D Certifications:	02/08/2023 08:08 NELAC-NY10854,NJDEP,PADEP	02/09/2023 23:56	KH
120-12-7	**Anthracene**	**258**		ug/kg dry	49.2	98.1	2	EPA 8270D Certifications:	02/08/2023 08:08 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	02/09/2023 23:56	KH
1912-24-9	Atrazine	ND		ug/kg dry	49.2	98.1	2	EPA 8270D Certifications:	02/08/2023 08:08 NELAC-NY10854,NJDEP,PADEP	02/09/2023 23:56	KH
100-52-7	Benzaldehyde	ND		ug/kg dry	49.2	98.1	2	EPA 8270D Certifications:	02/08/2023 08:08 NELAC-NY10854,NJDEP,PADEP	02/09/2023 23:56	KH
92-87-5	Benzidine	ND	CCVE	ug/kg dry	196	393	2	EPA 8270D Certifications:	02/08/2023 08:08 CTDOH-PH-0723,NELAC-NY10854,PADEP	02/09/2023 23:56	KH
56-55-3	**Benzo(a)anthracene**	**922**		ug/kg dry	49.2	98.1	2	EPA 8270D Certifications:	02/08/2023 08:08 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	02/09/2023 23:56	KH
50-32-8	**Benzo(a)pyrene**	**829**		ug/kg dry	49.2	98.1	2	EPA 8270D Certifications:	02/08/2023 08:08 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	02/09/2023 23:56	KH
205-99-2	**Benzo(b)fluoranthene**	**846**		ug/kg dry	49.2	98.1	2	EPA 8270D Certifications:	02/08/2023 08:08 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	02/09/2023 23:56	KH

Sample Information

Client Sample ID: SB-5 (0-2 ft) **York Sample ID:** 23B0078-09

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23B0078	B 62nd Street	Soil	February 1, 2023 12:24 pm	02/02/2023

Semi-Volatiles, 8270 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
191-24-2	**Benzo(g,h,i)perylene**	**455**		ug/kg dry	49.2	98.1	2	EPA 8270D Certifications:	02/08/2023 08:08 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	02/09/2023 23:56	KH
207-08-9	**Benzo(k)fluoranthene**	**851**		ug/kg dry	49.2	98.1	2	EPA 8270D Certifications:	02/08/2023 08:08 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	02/09/2023 23:56	KH
65-85-0	Benzoic acid	ND	QL-02	ug/kg dry	49.2	98.1	2	EPA 8270D Certifications:	02/08/2023 08:08 NELAC-NY10854,NJDEP,PADEP	02/09/2023 23:56	KH
100-51-6	Benzyl alcohol	ND		ug/kg dry	49.2	98.1	2	EPA 8270D Certifications:	02/08/2023 08:08 NELAC-NY10854,NJDEP,PADEP	02/09/2023 23:56	KH
85-68-7	Benzyl butyl phthalate	ND		ug/kg dry	49.2	98.1	2	EPA 8270D Certifications:	02/08/2023 08:08 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	02/09/2023 23:56	KH
111-91-1	Bis(2-chloroethoxy)methane	ND		ug/kg dry	49.2	98.1	2	EPA 8270D Certifications:	02/08/2023 08:08 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	02/09/2023 23:56	KH
111-44-4	Bis(2-chloroethyl)ether	ND		ug/kg dry	49.2	98.1	2	EPA 8270D Certifications:	02/08/2023 08:08 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	02/09/2023 23:56	KH
108-60-1	Bis(2-chloroisopropyl)ether	ND		ug/kg dry	49.2	98.1	2	EPA 8270D Certifications:	02/08/2023 08:08 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	02/09/2023 23:56	KH
117-81-7	**Bis(2-ethylhexyl)phthalate**	**55.7**	J	ug/kg dry	49.2	98.1	2	EPA 8270D Certifications:	02/08/2023 08:08 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	02/09/2023 23:56	KH
105-60-2	Caprolactam	ND		ug/kg dry	98.1	196	2	EPA 8270D Certifications:	02/08/2023 08:08 NELAC-NY10854,NJDEP,PADEP	02/09/2023 23:56	KH
86-74-8	**Carbazole**	**169**		ug/kg dry	49.2	98.1	2	EPA 8270D Certifications:	02/08/2023 08:08 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	02/09/2023 23:56	KH
218-01-9	**Chrysene**	**942**		ug/kg dry	49.2	98.1	2	EPA 8270D Certifications:	02/08/2023 08:08 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	02/09/2023 23:56	KH
53-70-3	**Dibenzo(a,h)anthracene**	**90.2**	J	ug/kg dry	49.2	98.1	2	EPA 8270D Certifications:	02/08/2023 08:08 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	02/09/2023 23:56	KH
132-64-9	Dibenzofuran	ND		ug/kg dry	49.2	98.1	2	EPA 8270D Certifications:	02/08/2023 08:08 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	02/09/2023 23:56	KH
84-66-2	Diethyl phthalate	ND		ug/kg dry	49.2	98.1	2	EPA 8270D Certifications:	02/08/2023 08:08 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	02/09/2023 23:56	KH
131-11-3	Dimethyl phthalate	ND		ug/kg dry	49.2	98.1	2	EPA 8270D Certifications:	02/08/2023 08:08 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	02/09/2023 23:56	KH
84-74-2	**Di-n-butyl phthalate**	**119**		ug/kg dry	49.2	98.1	2	EPA 8270D Certifications:	02/08/2023 08:08 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	02/09/2023 23:56	KH
117-84-0	Di-n-octyl phthalate	ND		ug/kg dry	49.2	98.1	2	EPA 8270D Certifications:	02/08/2023 08:08 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	02/09/2023 23:56	KH
122-39-4	* Diphenylamine	ND		ug/kg dry	98.1	196	2	EPA 8270D Certifications:	02/08/2023 08:08	02/09/2023 23:56	KH
206-44-0	**Fluoranthene**	**1890**		ug/kg dry	49.2	98.1	2	EPA 8270D Certifications:	02/08/2023 08:08 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	02/09/2023 23:56	KH
86-73-7	**Fluorene**	**78.4**	J	ug/kg dry	49.2	98.1	2	EPA 8270D Certifications:	02/08/2023 08:08 NELAC-NY10854,NJDEP,PADEP	02/09/2023 23:56	KH
118-74-1	Hexachlorobenzene	ND		ug/kg dry	49.2	98.1	2	EPA 8270D Certifications:	02/08/2023 08:08 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	02/09/2023 23:56	KH
87-68-3	Hexachlorobutadiene	ND		ug/kg dry	49.2	98.1	2	EPA 8270D Certifications:	02/08/2023 08:08 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	02/09/2023 23:56	KH

Sample Information

Client Sample ID: SB-5 (0-2 ft) **York Sample ID:** 23B0078-09

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23B0078	B 62nd Street	Soil	February 1, 2023 12:24 pm	02/02/2023

Semi-Volatiles, 8270 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
77-47-4	Hexachlorocyclopentadiene	ND	CCVE	ug/kg dry	49.2	98.1	2	EPA 8270D Certifications:	02/08/2023 08:08 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	02/09/2023 23:56	KH
67-72-1	Hexachloroethane	ND		ug/kg dry	49.2	98.1	2	EPA 8270D Certifications:	02/08/2023 08:08 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	02/09/2023 23:56	KH
193-39-5	**Indeno(1,2,3-cd)pyrene**	**470**		ug/kg dry	49.2	98.1	2	EPA 8270D Certifications:	02/08/2023 08:08 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	02/09/2023 23:56	KH
78-59-1	Isophorone	ND		ug/kg dry	49.2	98.1	2	EPA 8270D Certifications:	02/08/2023 08:08 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	02/09/2023 23:56	KH
91-20-3	Naphthalene	ND		ug/kg dry	49.2	98.1	2	EPA 8270D Certifications:	02/08/2023 08:08 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	02/09/2023 23:56	KH
98-95-3	Nitrobenzene	ND		ug/kg dry	49.2	98.1	2	EPA 8270D Certifications:	02/08/2023 08:08 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	02/09/2023 23:56	KH
62-75-9	N-Nitrosodimethylamine	ND		ug/kg dry	49.2	98.1	2	EPA 8270D Certifications:	02/08/2023 08:08 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	02/09/2023 23:56	KH
621-64-7	N-nitroso-di-n-propylamine	ND		ug/kg dry	49.2	98.1	2	EPA 8270D Certifications:	02/08/2023 08:08 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	02/09/2023 23:56	KH
86-30-6	N-Nitrosodiphenylamine	ND		ug/kg dry	49.2	98.1	2	EPA 8270D Certifications:	02/08/2023 08:08 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	02/09/2023 23:56	KH
87-86-5	Pentachlorophenol	ND		ug/kg dry	49.2	98.1	2	EPA 8270D Certifications:	02/08/2023 08:08 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	02/09/2023 23:56	KH
85-01-8	**Phenanthrene**	**1090**		ug/kg dry	49.2	98.1	2	EPA 8270D Certifications:	02/08/2023 08:08 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	02/09/2023 23:56	KH
108-95-2	Phenol	ND		ug/kg dry	49.2	98.1	2	EPA 8270D Certifications:	02/08/2023 08:08 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	02/09/2023 23:56	KH
129-00-0	**Pyrene**	**1700**		ug/kg dry	49.2	98.1	2	EPA 8270D Certifications:	02/08/2023 08:08 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	02/09/2023 23:56	KH

	Surrogate Recoveries	Result	Acceptance Range
367-12-4	*Surrogate: SURR: 2-Fluorophenol*	*60.2 %*	*20-108*
13127-88-3	*Surrogate: SURR: Phenol-d6*	*60.7 %*	*23-114*
4165-60-0	*Surrogate: SURR: Nitrobenzene-d5*	*65.5 %*	*22-108*
321-60-8	*Surrogate: SURR: 2-Fluorobiphenyl*	*59.3 %*	*21-113*
118-79-6	*Surrogate: SURR: 2,4,6-Tribromophenol*	*53.9 %*	*19-110*
1718-51-0	*Surrogate: SURR: Terphenyl-d14*	*73.5 %*	*24-116*

Pesticides, 8081 target list

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
72-54-8	4,4'-DDD	ND		ug/kg dry	1.92	5	EPA 8081B Certifications:	02/07/2023 07:57 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	02/09/2023 04:26	BJ
72-55-9	4,4'-DDE	ND		ug/kg dry	1.92	5	EPA 8081B Certifications:	02/07/2023 07:57 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	02/09/2023 04:26	BJ

Sample Information

Client Sample ID: SB-5 (0-2 ft) **York Sample ID:** 23B0078-09

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23B0078	B 62nd Street	Soil	February 1, 2023 12:24 pm	02/02/2023

Pesticides, 8081 target list

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
50-29-3	**4,4'-DDT**	**2.05**		ug/kg dry	1.92	5	EPA 8081B	02/07/2023 07:57	02/09/2023 04:26	BJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
309-00-2	Aldrin	ND		ug/kg dry	1.92	5	EPA 8081B	02/07/2023 07:57	02/09/2023 04:26	BJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
319-84-6	alpha-BHC	ND		ug/kg dry	1.92	5	EPA 8081B	02/07/2023 07:57	02/09/2023 04:26	BJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
319-85-7	beta-BHC	ND		ug/kg dry	1.92	5	EPA 8081B	02/07/2023 07:57	02/09/2023 04:26	BJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
12789-03-6	Chlordane, total	ND		ug/kg dry	38.4	5	EPA 8081B	02/07/2023 07:57	02/09/2023 04:26	BJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
319-86-8	delta-BHC	ND		ug/kg dry	1.92	5	EPA 8081B	02/07/2023 07:57	02/09/2023 04:26	BJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
60-57-1	**Dieldrin**	**2.18**		ug/kg dry	1.92	5	EPA 8081B	02/07/2023 07:57	02/09/2023 04:26	BJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
959-98-8	Endosulfan I	ND		ug/kg dry	1.92	5	EPA 8081B	02/07/2023 07:57	02/09/2023 04:26	BJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
33213-65-9	Endosulfan II	ND		ug/kg dry	1.92	5	EPA 8081B	02/07/2023 07:57	02/09/2023 04:26	BJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854		
1031-07-8	Endosulfan sulfate	ND		ug/kg dry	1.92	5	EPA 8081B	02/07/2023 07:57	02/09/2023 04:26	BJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
72-20-8	Endrin	ND		ug/kg dry	1.92	5	EPA 8081B	02/07/2023 07:57	02/09/2023 04:26	BJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7421-93-4	Endrin aldehyde	ND		ug/kg dry	1.92	5	EPA 8081B	02/07/2023 07:57	02/09/2023 04:26	BJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
53494-70-5	Endrin ketone	ND		ug/kg dry	1.92	5	EPA 8081B	02/07/2023 07:57	02/09/2023 04:26	BJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
58-89-9	gamma-BHC (Lindane)	ND		ug/kg dry	1.92	5	EPA 8081B	02/07/2023 07:57	02/09/2023 04:26	BJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
76-44-8	Heptachlor	ND		ug/kg dry	1.92	5	EPA 8081B	02/07/2023 07:57	02/09/2023 04:26	BJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
1024-57-3	**Heptachlor epoxide**	**2.81**		ug/kg dry	1.92	5	EPA 8081B	02/07/2023 07:57	02/09/2023 04:26	BJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
72-43-5	Methoxychlor	ND		ug/kg dry	9.61	5	EPA 8081B	02/07/2023 07:57	02/09/2023 04:26	BJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
8001-35-2	Toxaphene	ND		ug/kg dry	97.2	5	EPA 8081B	02/07/2023 07:57	02/09/2023 04:26	BJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		

	Surrogate Recoveries	Result	Acceptance Range
2051-24-3	*Surrogate: Decachlorobiphenyl*	*57.0 %*	*30-150*
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*37.4 %*	*30-150*

Polychlorinated Biphenyls (PCB)

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst

Sample Information

Client Sample ID: SB-5 (0-2 ft) **York Sample ID:** 23B0078-09

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23B0078	B 62nd Street	Soil	February 1, 2023 12:24 pm	02/02/2023

Polychlorinated Biphenyls (PCB)

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
12674-11-2	Aroclor 1016	ND		mg/kg dry	0.0194	1	EPA 8082A Certifications:	02/07/2023 07:57 NELAC-NY10854,CTDOH-PH-0723,NJDEP,PADEP	02/10/2023 03:06	BJ
11104-28-2	Aroclor 1221	ND		mg/kg dry	0.0194	1	EPA 8082A Certifications:	02/07/2023 07:57 NELAC-NY10854,CTDOH-PH-0723,NJDEP,PADEP	02/10/2023 03:06	BJ
11141-16-5	Aroclor 1232	ND		mg/kg dry	0.0194	1	EPA 8082A Certifications:	02/07/2023 07:57 NELAC-NY10854,CTDOH-PH-0723,NJDEP,PADEP	02/10/2023 03:06	BJ
53469-21-9	Aroclor 1242	ND		mg/kg dry	0.0194	1	EPA 8082A Certifications:	02/07/2023 07:57 NELAC-NY10854,CTDOH-PH-0723,NJDEP,PADEP	02/10/2023 03:06	BJ
12672-29-6	Aroclor 1248	ND		mg/kg dry	0.0194	1	EPA 8082A Certifications:	02/07/2023 07:57 NELAC-NY10854,CTDOH-PH-0723,NJDEP,PADEP	02/10/2023 03:06	BJ
11097-69-1	Aroclor 1254	ND		mg/kg dry	0.0194	1	EPA 8082A Certifications:	02/07/2023 07:57 NELAC-NY10854,CTDOH-PH-0723,NJDEP,PADEP	02/10/2023 03:06	BJ
11096-82-5	Aroclor 1260	ND		mg/kg dry	0.0194	1	EPA 8082A Certifications:	02/07/2023 07:57 NELAC-NY10854,CTDOH-PH-0723,NJDEP,PADEP	02/10/2023 03:06	BJ
1336-36-3	* Total PCBs	ND		mg/kg dry	0.0194	1	EPA 8082A Certifications:	02/07/2023 07:57	02/10/2023 03:06	BJ

	Surrogate Recoveries	Result	Acceptance Range
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*83.0 %*	*30-140*
2051-24-3	*Surrogate: Decachlorobiphenyl*	*110 %*	*30-140*

Metals, Target Analyte

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7429-90-5	**Aluminum**	**4580**		mg/kg dry	4.96	1	EPA 6010D Certifications:	02/09/2023 08:50 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	02/10/2023 16:05	CW
7440-36-0	**Antimony**	**8.61**	M-CCV 1	mg/kg dry	2.48	1	EPA 6010D Certifications:	02/09/2023 08:50 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	02/10/2023 16:05	CW
7440-38-2	**Arsenic**	**15.7**		mg/kg dry	1.49	1	EPA 6010D Certifications:	02/09/2023 08:50 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	02/10/2023 16:05	CW
7440-39-3	**Barium**	**618**		mg/kg dry	2.48	1	EPA 6010D Certifications:	02/09/2023 08:50 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	02/10/2023 16:05	CW
7440-41-7	**Beryllium**	**0.340**		mg/kg dry	0.050	1	EPA 6010D Certifications:	02/09/2023 08:50 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	02/10/2023 16:05	CW
7440-43-9	**Cadmium**	**2.21**		mg/kg dry	0.298	1	EPA 6010D Certifications:	02/09/2023 08:50 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	02/10/2023 16:05	CW
7440-70-2	**Calcium**	**24700**		mg/kg dry	4.97	1	EPA 6010D Certifications:	02/09/2023 08:50 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	02/10/2023 16:05	CW
7440-47-3	**Chromium**	**26.0**		mg/kg dry	0.497	1	EPA 6010D Certifications:	02/09/2023 08:50 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	02/10/2023 16:05	CW
7440-48-4	**Cobalt**	**7.51**		mg/kg dry	0.397	1	EPA 6010D Certifications:	02/09/2023 08:50 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	02/10/2023 16:05	CW

Sample Information

Client Sample ID: SB-5 (0-2 ft) **York Sample ID:** 23B0078-09

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23B0078	B 62nd Street	Soil	February 1, 2023 12:24 pm	02/02/2023

Metals, Target Analyte

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-50-8	**Copper**	**302**		mg/kg dry	1.99	1	EPA 6010D	02/09/2023 08:50	02/10/2023 16:05	CW
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7439-89-6	**Iron**	**52300**		mg/kg dry	24.8	1	EPA 6010D	02/09/2023 08:50	02/10/2023 16:05	CW
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7439-92-1	**Lead**	**1310**		mg/kg dry	0.497	1	EPA 6010D	02/09/2023 08:50	02/10/2023 16:05	CW
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7439-95-4	**Magnesium**	**6830**		mg/kg dry	4.97	1	EPA 6010D	02/09/2023 08:50	02/10/2023 16:05	CW
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7439-96-5	**Manganese**	**392**		mg/kg dry	0.497	1	EPA 6010D	02/09/2023 08:50	02/10/2023 16:05	CW
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7440-02-0	**Nickel**	**34.4**		mg/kg dry	0.989	1	EPA 6010D	02/09/2023 08:50	02/10/2023 16:05	CW
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7440-09-7	**Potassium**	**704**	B	mg/kg dry	4.97	1	EPA 6010D	02/09/2023 08:50	02/10/2023 16:05	CW
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7782-49-2	Selenium	ND		mg/kg dry	2.48	1	EPA 6010D	02/09/2023 08:50	02/10/2023 16:05	CW
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7440-22-4	Silver	ND		mg/kg dry	0.500	1	EPA 6010D	02/09/2023 08:50	02/10/2023 16:05	CW
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7440-23-5	**Sodium**	**577**		mg/kg dry	49.7	1	EPA 6010D	02/09/2023 08:50	02/10/2023 16:05	CW
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7440-28-0	**Thallium**	**2.53**		mg/kg dry	2.48	1	EPA 6010D	02/09/2023 08:50	02/10/2023 16:05	CW
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7440-62-2	**Vanadium**	**18.3**		mg/kg dry	0.989	1	EPA 6010D	02/09/2023 08:50	02/10/2023 16:05	CW
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7440-66-6	**Zinc**	**1460**		mg/kg dry	2.47	1	EPA 6010D	02/09/2023 08:50	02/10/2023 16:05	CW
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		

Mercury by 7473

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 7473 soil

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	**Mercury**	**0.577**		mg/kg dry	0.0357	1	EPA 7473	02/07/2023 11:17	02/07/2023 14:40	PDL
							Certifications:	CTDOH-PH-0723,NJDEP,NELAC-NY10854,PADEP		

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**	**83.9**		%	0.100	1	SM 2540G	02/07/2023 07:41	02/07/2023 12:53	sgs
							Certifications:	CTDOH-PH-0723		

Sample Information

Client Sample ID: SB-5 (4-6 ft) **York Sample ID:** 23B0078-10

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23B0078	B 62nd Street	Soil	February 1, 2023 12:39 pm	02/02/2023

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	5.8	1	EPA 8260C Certifications:	02/03/2023 09:00	02/03/2023 23:57	FTR CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
71-55-6	1,1,1-Trichloroethane	ND		ug/kg dry	2.9	5.8	1	EPA 8260C Certifications:	02/03/2023 09:00	02/03/2023 23:57	FTR CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/kg dry	2.9	5.8	1	EPA 8260C Certifications:	02/03/2023 09:00	02/03/2023 23:57	FTR CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/kg dry	2.9	5.8	1	EPA 8260C Certifications:	02/03/2023 09:00	02/03/2023 23:57	FTR CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP
79-00-5	1,1,2-Trichloroethane	ND		ug/kg dry	2.9	5.8	1	EPA 8260C Certifications:	02/03/2023 09:00	02/03/2023 23:57	FTR CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
75-34-3	1,1-Dichloroethane	ND		ug/kg dry	2.9	5.8	1	EPA 8260C Certifications:	02/03/2023 09:00	02/03/2023 23:57	FTR CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
75-35-4	1,1-Dichloroethylene	ND		ug/kg dry	2.9	5.8	1	EPA 8260C Certifications:	02/03/2023 09:00	02/03/2023 23:57	FTR CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
87-61-6	1,2,3-Trichlorobenzene	ND		ug/kg dry	2.9	5.8	1	EPA 8260C Certifications:	02/03/2023 09:00	02/03/2023 23:57	FTR NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
96-18-4	1,2,3-Trichloropropane	ND		ug/kg dry	2.9	5.8	1	EPA 8260C Certifications:	02/03/2023 09:00	02/03/2023 23:57	FTR NELAC-NY10854,NELAC-NY12058,NJDEP
120-82-1	1,2,4-Trichlorobenzene	ND		ug/kg dry	2.9	5.8	1	EPA 8260C Certifications:	02/03/2023 09:00	02/03/2023 23:57	FTR NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
95-63-6	1,2,4-Trimethylbenzene	ND		ug/kg dry	2.9	5.8	1	EPA 8260C Certifications:	02/03/2023 09:00	02/03/2023 23:57	FTR CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/kg dry	2.9	5.8	1	EPA 8260C Certifications:	02/03/2023 09:00	02/03/2023 23:57	FTR CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
106-93-4	1,2-Dibromoethane	ND		ug/kg dry	2.9	5.8	1	EPA 8260C Certifications:	02/03/2023 09:00	02/03/2023 23:57	FTR CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
95-50-1	1,2-Dichlorobenzene	ND		ug/kg dry	2.9	5.8	1	EPA 8260C Certifications:	02/03/2023 09:00	02/03/2023 23:57	FTR CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
107-06-2	1,2-Dichloroethane	ND		ug/kg dry	2.9	5.8	1	EPA 8260C Certifications:	02/03/2023 09:00	02/03/2023 23:57	FTR CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
78-87-5	1,2-Dichloropropane	ND		ug/kg dry	2.9	5.8	1	EPA 8260C Certifications:	02/03/2023 09:00	02/03/2023 23:57	FTR CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
108-67-8	1,3,5-Trimethylbenzene	ND		ug/kg dry	2.9	5.8	1	EPA 8260C Certifications:	02/03/2023 09:00	02/03/2023 23:57	FTR CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
541-73-1	1,3-Dichlorobenzene	ND		ug/kg dry	2.9	5.8	1	EPA 8260C Certifications:	02/03/2023 09:00	02/03/2023 23:57	FTR CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
106-46-7	1,4-Dichlorobenzene	ND		ug/kg dry	2.9	5.8	1	EPA 8260C Certifications:	02/03/2023 09:00	02/03/2023 23:57	FTR CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
123-91-1	1,4-Dioxane	ND		ug/kg dry	58	120	1	EPA 8260C Certifications:	02/03/2023 09:00	02/03/2023 23:57	FTR NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
78-93-3	2-Butanone	ND		ug/kg dry	2.9	5.8	1	EPA 8260C Certifications:	02/03/2023 09:00	02/03/2023 23:57	FTR CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
591-78-6	2-Hexanone	ND		ug/kg dry	2.9	5.8	1	EPA 8260C Certifications:	02/03/2023 09:00	02/03/2023 23:57	FTR CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
108-10-1	4-Methyl-2-pentanone	ND		ug/kg dry	2.9	5.8	1	EPA 8260C Certifications:	02/03/2023 09:00	02/03/2023 23:57	FTR CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI

Sample Information

Client Sample ID: SB-5 (4-6 ft) **York Sample ID:** 23B0078-10

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23B0078	B 62nd Street	Soil	February 1, 2023 12:39 pm	02/02/2023

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
67-64-1	Acetone	ND		ug/kg dry	5.8	12	1	EPA 8260C Certifications:	02/03/2023 09:00	02/03/2023 23:57	FTR CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
107-02-8	Acrolein	ND		ug/kg dry	5.8	12	1	EPA 8260C Certifications:	02/03/2023 09:00	02/03/2023 23:57	FTR CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
107-13-1	Acrylonitrile	ND		ug/kg dry	2.9	5.8	1	EPA 8260C Certifications:	02/03/2023 09:00	02/03/2023 23:57	FTR CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
71-43-2	Benzene	ND		ug/kg dry	2.9	5.8	1	EPA 8260C Certifications:	02/03/2023 09:00	02/03/2023 23:57	FTR CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
74-97-5	Bromochloromethane	ND		ug/kg dry	2.9	5.8	1	EPA 8260C Certifications:	02/03/2023 09:00	02/03/2023 23:57	FTR NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
75-27-4	Bromodichloromethane	ND		ug/kg dry	2.9	5.8	1	EPA 8260C Certifications:	02/03/2023 09:00	02/03/2023 23:57	FTR CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
75-25-2	Bromoform	ND		ug/kg dry	2.9	5.8	1	EPA 8260C Certifications:	02/03/2023 09:00	02/03/2023 23:57	FTR CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
74-83-9	Bromomethane	ND		ug/kg dry	2.9	5.8	1	EPA 8260C Certifications:	02/03/2023 09:00	02/03/2023 23:57	FTR CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
75-15-0	Carbon disulfide	ND		ug/kg dry	2.9	5.8	1	EPA 8260C Certifications:	02/03/2023 09:00	02/03/2023 23:57	FTR CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
56-23-5	Carbon tetrachloride	ND		ug/kg dry	2.9	5.8	1	EPA 8260C Certifications:	02/03/2023 09:00	02/03/2023 23:57	FTR CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
108-90-7	Chlorobenzene	ND		ug/kg dry	2.9	5.8	1	EPA 8260C Certifications:	02/03/2023 09:00	02/03/2023 23:57	FTR CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
75-00-3	Chloroethane	ND		ug/kg dry	2.9	5.8	1	EPA 8260C Certifications:	02/03/2023 09:00	02/03/2023 23:57	FTR CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
67-66-3	Chloroform	ND		ug/kg dry	2.9	5.8	1	EPA 8260C Certifications:	02/03/2023 09:00	02/03/2023 23:57	FTR CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
74-87-3	Chloromethane	ND		ug/kg dry	2.9	5.8	1	EPA 8260C Certifications:	02/03/2023 09:00	02/03/2023 23:57	FTR CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
156-59-2	cis-1,2-Dichloroethylene	ND		ug/kg dry	2.9	5.8	1	EPA 8260C Certifications:	02/03/2023 09:00	02/03/2023 23:57	FTR CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/kg dry	2.9	5.8	1	EPA 8260C Certifications:	02/03/2023 09:00	02/03/2023 23:57	FTR CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
110-82-7	Cyclohexane	ND		ug/kg dry	2.9	5.8	1	EPA 8260C Certifications:	02/03/2023 09:00	02/03/2023 23:57	FTR NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
124-48-1	Dibromochloromethane	ND		ug/kg dry	2.9	5.8	1	EPA 8260C Certifications:	02/03/2023 09:00	02/03/2023 23:57	FTR NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
74-95-3	Dibromomethane	ND		ug/kg dry	2.9	5.8	1	EPA 8260C Certifications:	02/03/2023 09:00	02/03/2023 23:57	FTR NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
75-71-8	Dichlorodifluoromethane	ND		ug/kg dry	2.9	5.8	1	EPA 8260C Certifications:	02/03/2023 09:00	02/03/2023 23:57	FTR NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
100-41-4	Ethyl Benzene	ND		ug/kg dry	2.9	5.8	1	EPA 8260C Certifications:	02/03/2023 09:00	02/03/2023 23:57	FTR CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
87-68-3	Hexachlorobutadiene	ND		ug/kg dry	2.9	5.8	1	EPA 8260C Certifications:	02/03/2023 09:00	02/03/2023 23:57	FTR NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
98-82-8	Isopropylbenzene	ND		ug/kg dry	2.9	5.8	1	EPA 8260C Certifications:	02/03/2023 09:00	02/03/2023 23:57	FTR CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI

Sample Information

Client Sample ID: SB-5 (4-6 ft) **York Sample ID:** 23B0078-10

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23B0078	B 62nd Street	Soil	February 1, 2023 12:39 pm	02/02/2023

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
79-20-9	Methyl acetate	ND		ug/kg dry	2.9	5.8	1	EPA 8260C Certifications:	02/03/2023 09:00 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	02/03/2023 23:57	FTR
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/kg dry	2.9	5.8	1	EPA 8260C Certifications:	02/03/2023 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	02/03/2023 23:57	FTR
108-87-2	Methylcyclohexane	ND		ug/kg dry	2.9	5.8	1	EPA 8260C Certifications:	02/03/2023 09:00 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	02/03/2023 23:57	FTR
75-09-2	Methylene chloride	ND		ug/kg dry	5.8	12	1	EPA 8260C Certifications:	02/03/2023 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	02/03/2023 23:57	FTR
104-51-8	n-Butylbenzene	ND		ug/kg dry	2.9	5.8	1	EPA 8260C Certifications:	02/03/2023 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	02/03/2023 23:57	FTR
103-65-1	n-Propylbenzene	ND		ug/kg dry	2.9	5.8	1	EPA 8260C Certifications:	02/03/2023 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	02/03/2023 23:57	FTR
95-47-6	o-Xylene	ND		ug/kg dry	2.9	5.8	1	EPA 8260C Certifications:	02/03/2023 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP	02/03/2023 23:57	FTR
179601-23-1	p- & m- Xylenes	ND		ug/kg dry	5.8	12	1	EPA 8260C Certifications:	02/03/2023 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP	02/03/2023 23:57	FTR
99-87-6	p-Isopropyltoluene	ND		ug/kg dry	2.9	5.8	1	EPA 8260C Certifications:	02/03/2023 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	02/03/2023 23:57	FTR
135-98-8	sec-Butylbenzene	ND		ug/kg dry	2.9	5.8	1	EPA 8260C Certifications:	02/03/2023 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	02/03/2023 23:57	FTR
100-42-5	Styrene	ND		ug/kg dry	2.9	5.8	1	EPA 8260C Certifications:	02/03/2023 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	02/03/2023 23:57	FTR
75-65-0	tert-Butyl alcohol (TBA)	ND		ug/kg dry	2.9	5.8	1	EPA 8260C Certifications:	02/03/2023 09:00 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	02/03/2023 23:57	FTR
98-06-6	tert-Butylbenzene	ND		ug/kg dry	2.9	5.8	1	EPA 8260C Certifications:	02/03/2023 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	02/03/2023 23:57	FTR
127-18-4	Tetrachloroethylene	ND		ug/kg dry	2.9	5.8	1	EPA 8260C Certifications:	02/03/2023 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	02/03/2023 23:57	FTR
108-88-3	Toluene	ND		ug/kg dry	2.9	5.8	1	EPA 8260C Certifications:	02/03/2023 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	02/03/2023 23:57	FTR
156-60-5	trans-1,2-Dichloroethylene	ND		ug/kg dry	2.9	5.8	1	EPA 8260C Certifications:	02/03/2023 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	02/03/2023 23:57	FTR
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/kg dry	2.9	5.8	1	EPA 8260C Certifications:	02/03/2023 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	02/03/2023 23:57	FTR
110-57-6	* trans-1,4-dichloro-2-butene	ND		ug/kg dry	2.9	5.8	1	EPA 8260C Certifications:	02/03/2023 09:00 CTDOH-PH-0723	02/03/2023 23:57	FTR
79-01-6	Trichloroethylene	ND		ug/kg dry	2.9	5.8	1	EPA 8260C Certifications:	02/03/2023 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	02/03/2023 23:57	FTR
75-69-4	Trichlorofluoromethane	ND		ug/kg dry	2.9	5.8	1	EPA 8260C Certifications:	02/03/2023 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	02/03/2023 23:57	FTR
75-01-4	Vinyl Chloride	ND		ug/kg dry	2.9	5.8	1	EPA 8260C Certifications:	02/03/2023 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	02/03/2023 23:57	FTR
1330-20-7	Xylenes, Total	ND		ug/kg dry	8.7	17	1	EPA 8260C Certifications:	02/03/2023 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP	02/03/2023 23:57	FTR

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: SURR: 1,2-Dichloroethane-d4*	*100 %*	*77-125*

Sample Information

Client Sample ID: SB-5 (4-6 ft) **York Sample ID:** 23B0078-10

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23B0078	B 62nd Street	Soil	February 1, 2023 12:39 pm	02/02/2023

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
2037-26-5	*Surrogate: SURR: Toluene-d8*	*93.0 %*			*85-120*						
460-00-4	*Surrogate: SURR: p-Bromofluorobenzene*	*108 %*			*76-130*						

Semi-Volatiles, 8270 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
92-52-4	1,1-Biphenyl	ND		ug/kg dry	54.3	108	2	EPA 8270D Certifications:	02/08/2023 08:08 NELAC-NY10854,NJDEP,PADEP	02/10/2023 00:27	KH
95-94-3	1,2,4,5-Tetrachlorobenzene	ND		ug/kg dry	108	216	2	EPA 8270D Certifications:	02/08/2023 08:08 NELAC-NY10854,NJDEP,PADEP	02/10/2023 00:27	KH
120-82-1	1,2,4-Trichlorobenzene	ND		ug/kg dry	54.3	108	2	EPA 8270D Certifications:	02/08/2023 08:08 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	02/10/2023 00:27	KH
95-50-1	1,2-Dichlorobenzene	ND		ug/kg dry	54.3	108	2	EPA 8270D Certifications:	02/08/2023 08:08 NELAC-NY10854,PADEP	02/10/2023 00:27	KH
122-66-7	1,2-Diphenylhydrazine (as Azobenzene)	ND		ug/kg dry	54.3	108	2	EPA 8270D Certifications:	02/08/2023 08:08 NELAC-NY10854,NJDEP,PADEP	02/10/2023 00:27	KH
541-73-1	1,3-Dichlorobenzene	ND		ug/kg dry	54.3	108	2	EPA 8270D Certifications:	02/08/2023 08:08 NELAC-NY10854,PADEP	02/10/2023 00:27	KH
106-46-7	1,4-Dichlorobenzene	ND		ug/kg dry	54.3	108	2	EPA 8270D Certifications:	02/08/2023 08:08 NELAC-NY10854,PADEP	02/10/2023 00:27	KH
58-90-2	2,3,4,6-Tetrachlorophenol	ND		ug/kg dry	108	216	2	EPA 8270D Certifications:	02/08/2023 08:08 NELAC-NY10854,NJDEP,PADEP	02/10/2023 00:27	KH
95-95-4	2,4,5-Trichlorophenol	ND		ug/kg dry	54.3	108	2	EPA 8270D Certifications:	02/08/2023 08:08 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	02/10/2023 00:27	KH
88-06-2	2,4,6-Trichlorophenol	ND		ug/kg dry	54.3	108	2	EPA 8270D Certifications:	02/08/2023 08:08 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	02/10/2023 00:27	KH
120-83-2	2,4-Dichlorophenol	ND		ug/kg dry	54.3	108	2	EPA 8270D Certifications:	02/08/2023 08:08 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	02/10/2023 00:27	KH
105-67-9	2,4-Dimethylphenol	ND		ug/kg dry	54.3	108	2	EPA 8270D Certifications:	02/08/2023 08:08 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	02/10/2023 00:27	KH
51-28-5	2,4-Dinitrophenol	ND	CAL-E	ug/kg dry	108	216	2	EPA 8270D Certifications:	02/08/2023 08:08 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	02/10/2023 00:27	KH
121-14-2	2,4-Dinitrotoluene	ND		ug/kg dry	54.3	108	2	EPA 8270D Certifications:	02/08/2023 08:08 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	02/10/2023 00:27	KH
606-20-2	2,6-Dinitrotoluene	ND		ug/kg dry	54.3	108	2	EPA 8270D Certifications:	02/08/2023 08:08 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	02/10/2023 00:27	KH
91-58-7	2-Chloronaphthalene	ND		ug/kg dry	54.3	108	2	EPA 8270D Certifications:	02/08/2023 08:08 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	02/10/2023 00:27	KH
95-57-8	2-Chlorophenol	ND		ug/kg dry	54.3	108	2	EPA 8270D Certifications:	02/08/2023 08:08 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	02/10/2023 00:27	KH
91-57-6	2-Methylnaphthalene	ND		ug/kg dry	54.3	108	2	EPA 8270D Certifications:	02/08/2023 08:08 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	02/10/2023 00:27	KH
95-48-7	2-Methylphenol	ND		ug/kg dry	54.3	108	2	EPA 8270D Certifications:	02/08/2023 08:08 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	02/10/2023 00:27	KH

Sample Information

Client Sample ID: SB-5 (4-6 ft) **York Sample ID:** 23B0078-10

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23B0078	B 62nd Street	Soil	February 1, 2023 12:39 pm	02/02/2023

Semi-Volatiles, 8270 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
88-74-4	2-Nitroaniline	ND		ug/kg dry	108	216	2	EPA 8270D Certifications:	02/08/2023 08:08 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	02/10/2023 00:27	KH
88-75-5	2-Nitrophenol	ND		ug/kg dry	54.3	108	2	EPA 8270D Certifications:	02/08/2023 08:08 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	02/10/2023 00:27	KH
65794-96-9	3- & 4-Methylphenols	ND		ug/kg dry	54.3	108	2	EPA 8270D Certifications:	02/08/2023 08:08 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	02/10/2023 00:27	KH
91-94-1	3,3-Dichlorobenzidine	ND		ug/kg dry	54.3	108	2	EPA 8270D Certifications:	02/08/2023 08:08 NELAC-NY10854,NJDEP,PADEP	02/10/2023 00:27	KH
99-09-2	3-Nitroaniline	ND		ug/kg dry	108	216	2	EPA 8270D Certifications:	02/08/2023 08:08 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	02/10/2023 00:27	KH
534-52-1	4,6-Dinitro-2-methylphenol	ND	CAL-E	ug/kg dry	108	216	2	EPA 8270D Certifications:	02/08/2023 08:08 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	02/10/2023 00:27	KH
101-55-3	4-Bromophenyl phenyl ether	ND		ug/kg dry	54.3	108	2	EPA 8270D Certifications:	02/08/2023 08:08 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	02/10/2023 00:27	KH
59-50-7	4-Chloro-3-methylphenol	ND		ug/kg dry	54.3	108	2	EPA 8270D Certifications:	02/08/2023 08:08 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	02/10/2023 00:27	KH
106-47-8	4-Chloroaniline	ND		ug/kg dry	54.3	108	2	EPA 8270D Certifications:	02/08/2023 08:08 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	02/10/2023 00:27	KH
7005-72-3	4-Chlorophenyl phenyl ether	ND		ug/kg dry	54.3	108	2	EPA 8270D Certifications:	02/08/2023 08:08 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	02/10/2023 00:27	KH
100-01-6	4-Nitroaniline	ND		ug/kg dry	108	216	2	EPA 8270D Certifications:	02/08/2023 08:08 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	02/10/2023 00:27	KH
100-02-7	4-Nitrophenol	ND		ug/kg dry	108	216	2	EPA 8270D Certifications:	02/08/2023 08:08 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	02/10/2023 00:27	KH
83-32-9	Acenaphthene	ND		ug/kg dry	54.3	108	2	EPA 8270D Certifications:	02/08/2023 08:08 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	02/10/2023 00:27	KH
208-96-8	Acenaphthylene	ND		ug/kg dry	54.3	108	2	EPA 8270D Certifications:	02/08/2023 08:08 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	02/10/2023 00:27	KH
98-86-2	Acetophenone	ND		ug/kg dry	54.3	108	2	EPA 8270D Certifications:	02/08/2023 08:08 NELAC-NY10854,NJDEP,PADEP	02/10/2023 00:27	KH
62-53-3	Aniline	ND		ug/kg dry	217	434	2	EPA 8270D Certifications:	02/08/2023 08:08 NELAC-NY10854,NJDEP,PADEP	02/10/2023 00:27	KH
120-12-7	Anthracene	ND		ug/kg dry	54.3	108	2	EPA 8270D Certifications:	02/08/2023 08:08 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	02/10/2023 00:27	KH
1912-24-9	Atrazine	ND		ug/kg dry	54.3	108	2	EPA 8270D Certifications:	02/08/2023 08:08 NELAC-NY10854,NJDEP,PADEP	02/10/2023 00:27	KH
100-52-7	Benzaldehyde	ND		ug/kg dry	54.3	108	2	EPA 8270D Certifications:	02/08/2023 08:08 NELAC-NY10854,NJDEP,PADEP	02/10/2023 00:27	KH
92-87-5	Benzidine	ND	CCVE	ug/kg dry	217	434	2	EPA 8270D Certifications:	02/08/2023 08:08 CTDOH-PH-0723,NELAC-NY10854,PADEP	02/10/2023 00:27	KH
56-55-3	**Benzo(a)anthracene**	**117**		ug/kg dry	54.3	108	2	EPA 8270D Certifications:	02/08/2023 08:08 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	02/10/2023 00:27	KH
50-32-8	**Benzo(a)pyrene**	**104**	J	ug/kg dry	54.3	108	2	EPA 8270D Certifications:	02/08/2023 08:08 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	02/10/2023 00:27	KH
205-99-2	**Benzo(b)fluoranthene**	**102**	J	ug/kg dry	54.3	108	2	EPA 8270D Certifications:	02/08/2023 08:08 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	02/10/2023 00:27	KH

Sample Information

Client Sample ID: SB-5 (4-6 ft) **York Sample ID:** 23B0078-10

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23B0078	B 62nd Street	Soil	February 1, 2023 12:39 pm	02/02/2023

Semi-Volatiles, 8270 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
191-24-2	**Benzo(g,h,i)perylene**	**64.1**	J	ug/kg dry	54.3	108	2	EPA 8270D	02/08/2023 08:08	02/10/2023 00:27	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
207-08-9	**Benzo(k)fluoranthene**	**97.8**	J	ug/kg dry	54.3	108	2	EPA 8270D	02/08/2023 08:08	02/10/2023 00:27	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
65-85-0	Benzoic acid	ND	QL-02	ug/kg dry	54.3	108	2	EPA 8270D	02/08/2023 08:08	02/10/2023 00:27	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
100-51-6	Benzyl alcohol	ND		ug/kg dry	54.3	108	2	EPA 8270D	02/08/2023 08:08	02/10/2023 00:27	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
85-68-7	Benzyl butyl phthalate	ND		ug/kg dry	54.3	108	2	EPA 8270D	02/08/2023 08:08	02/10/2023 00:27	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
111-91-1	Bis(2-chloroethoxy)methane	ND		ug/kg dry	54.3	108	2	EPA 8270D	02/08/2023 08:08	02/10/2023 00:27	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
111-44-4	Bis(2-chloroethyl)ether	ND		ug/kg dry	54.3	108	2	EPA 8270D	02/08/2023 08:08	02/10/2023 00:27	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
108-60-1	Bis(2-chloroisopropyl)ether	ND		ug/kg dry	54.3	108	2	EPA 8270D	02/08/2023 08:08	02/10/2023 00:27	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
117-81-7	**Bis(2-ethylhexyl)phthalate**	**58.0**	J	ug/kg dry	54.3	108	2	EPA 8270D	02/08/2023 08:08	02/10/2023 00:27	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
105-60-2	Caprolactam	ND		ug/kg dry	108	216	2	EPA 8270D	02/08/2023 08:08	02/10/2023 00:27	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
86-74-8	Carbazole	ND		ug/kg dry	54.3	108	2	EPA 8270D	02/08/2023 08:08	02/10/2023 00:27	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
218-01-9	**Chrysene**	**109**		ug/kg dry	54.3	108	2	EPA 8270D	02/08/2023 08:08	02/10/2023 00:27	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
53-70-3	Dibenzo(a,h)anthracene	ND		ug/kg dry	54.3	108	2	EPA 8270D	02/08/2023 08:08	02/10/2023 00:27	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
132-64-9	Dibenzofuran	ND		ug/kg dry	54.3	108	2	EPA 8270D	02/08/2023 08:08	02/10/2023 00:27	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
84-66-2	Diethyl phthalate	ND		ug/kg dry	54.3	108	2	EPA 8270D	02/08/2023 08:08	02/10/2023 00:27	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
131-11-3	Dimethyl phthalate	ND		ug/kg dry	54.3	108	2	EPA 8270D	02/08/2023 08:08	02/10/2023 00:27	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
84-74-2	Di-n-butyl phthalate	ND		ug/kg dry	54.3	108	2	EPA 8270D	02/08/2023 08:08	02/10/2023 00:27	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
117-84-0	Di-n-octyl phthalate	ND		ug/kg dry	54.3	108	2	EPA 8270D	02/08/2023 08:08	02/10/2023 00:27	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
122-39-4	* Diphenylamine	ND		ug/kg dry	108	216	2	EPA 8270D	02/08/2023 08:08	02/10/2023 00:27	KH
								Certifications:			
206-44-0	**Fluoranthene**	**169**		ug/kg dry	54.3	108	2	EPA 8270D	02/08/2023 08:08	02/10/2023 00:27	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
86-73-7	Fluorene	ND		ug/kg dry	54.3	108	2	EPA 8270D	02/08/2023 08:08	02/10/2023 00:27	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
118-74-1	Hexachlorobenzene	ND		ug/kg dry	54.3	108	2	EPA 8270D	02/08/2023 08:08	02/10/2023 00:27	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
87-68-3	Hexachlorobutadiene	ND		ug/kg dry	54.3	108	2	EPA 8270D	02/08/2023 08:08	02/10/2023 00:27	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		

Sample Information

Client Sample ID: SB-5 (4-6 ft) **York Sample ID:** 23B0078-10

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23B0078	B 62nd Street	Soil	February 1, 2023 12:39 pm	02/02/2023

Semi-Volatiles, 8270 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
77-47-4	Hexachlorocyclopentadiene	ND	CCVE	ug/kg dry	54.3	108	2	EPA 8270D Certifications:	02/08/2023 08:08 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	02/10/2023 00:27	KH
67-72-1	Hexachloroethane	ND		ug/kg dry	54.3	108	2	EPA 8270D Certifications:	02/08/2023 08:08 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	02/10/2023 00:27	KH
193-39-5	**Indeno(1,2,3-cd)pyrene**	**78.8**	J	ug/kg dry	54.3	108	2	EPA 8270D Certifications:	02/08/2023 08:08 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	02/10/2023 00:27	KH
78-59-1	Isophorone	ND		ug/kg dry	54.3	108	2	EPA 8270D Certifications:	02/08/2023 08:08 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	02/10/2023 00:27	KH
91-20-3	Naphthalene	ND		ug/kg dry	54.3	108	2	EPA 8270D Certifications:	02/08/2023 08:08 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	02/10/2023 00:27	KH
98-95-3	Nitrobenzene	ND		ug/kg dry	54.3	108	2	EPA 8270D Certifications:	02/08/2023 08:08 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	02/10/2023 00:27	KH
62-75-9	N-Nitrosodimethylamine	ND		ug/kg dry	54.3	108	2	EPA 8270D Certifications:	02/08/2023 08:08 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	02/10/2023 00:27	KH
621-64-7	N-nitroso-di-n-propylamine	ND		ug/kg dry	54.3	108	2	EPA 8270D Certifications:	02/08/2023 08:08 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	02/10/2023 00:27	KH
86-30-6	N-Nitrosodiphenylamine	ND		ug/kg dry	54.3	108	2	EPA 8270D Certifications:	02/08/2023 08:08 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	02/10/2023 00:27	KH
87-86-5	Pentachlorophenol	ND		ug/kg dry	54.3	108	2	EPA 8270D Certifications:	02/08/2023 08:08 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	02/10/2023 00:27	KH
85-01-8	**Phenanthrene**	**78.8**	J	ug/kg dry	54.3	108	2	EPA 8270D Certifications:	02/08/2023 08:08 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	02/10/2023 00:27	KH
108-95-2	Phenol	ND		ug/kg dry	54.3	108	2	EPA 8270D Certifications:	02/08/2023 08:08 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	02/10/2023 00:27	KH
129-00-0	**Pyrene**	**171**		ug/kg dry	54.3	108	2	EPA 8270D Certifications:	02/08/2023 08:08 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	02/10/2023 00:27	KH

	Surrogate Recoveries	Result	Acceptance Range
367-12-4	*Surrogate: SURR: 2-Fluorophenol*	*83.2 %*	*20-108*
13127-88-3	*Surrogate: SURR: Phenol-d6*	*83.8 %*	*23-114*
4165-60-0	*Surrogate: SURR: Nitrobenzene-d5*	*91.4 %*	*22-108*
321-60-8	*Surrogate: SURR: 2-Fluorobiphenyl*	*79.7 %*	*21-113*
118-79-6	*Surrogate: SURR: 2,4,6-Tribromophenol*	*72.8 %*	*19-110*
1718-51-0	*Surrogate: SURR: Terphenyl-d14*	*94.2 %*	*24-116*

Pesticides, 8081 target list

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
72-54-8	4,4'-DDD	ND		ug/kg dry	2.15	5	EPA 8081B Certifications:	02/06/2023 08:07 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	02/10/2023 04:12	BJ-
72-55-9	4,4'-DDE	ND		ug/kg dry	2.15	5	EPA 8081B Certifications:	02/06/2023 08:07 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	02/10/2023 04:12	BJ-

Sample Information

Client Sample ID: SB-5 (4-6 ft) **York Sample ID:** 23B0078-10

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23B0078	B 62nd Street	Soil	February 1, 2023 12:39 pm	02/02/2023

Pesticides, 8081 target list

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
50-29-3	4,4'-DDT	ND		ug/kg dry	2.15	5	EPA 8081B Certifications:	02/06/2023 08:07 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	02/10/2023 04:12	BJ-
309-00-2	Aldrin	ND		ug/kg dry	2.15	5	EPA 8081B Certifications:	02/06/2023 08:07 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	02/10/2023 04:12	BJ-
319-84-6	alpha-BHC	ND		ug/kg dry	2.15	5	EPA 8081B Certifications:	02/06/2023 08:07 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	02/10/2023 04:12	BJ-
319-85-7	beta-BHC	ND		ug/kg dry	2.15	5	EPA 8081B Certifications:	02/06/2023 08:07 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	02/10/2023 04:12	BJ-
12789-03-6	Chlordane, total	ND		ug/kg dry	43.0	5	EPA 8081B Certifications:	02/06/2023 08:07 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	02/10/2023 04:12	BJ-
319-86-8	delta-BHC	ND		ug/kg dry	2.15	5	EPA 8081B Certifications:	02/06/2023 08:07 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	02/10/2023 04:12	BJ-
60-57-1	Dieldrin	ND		ug/kg dry	2.15	5	EPA 8081B Certifications:	02/06/2023 08:07 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	02/10/2023 04:12	BJ-
959-98-8	Endosulfan I	ND		ug/kg dry	2.15	5	EPA 8081B Certifications:	02/06/2023 08:07 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	02/10/2023 04:12	BJ-
33213-65-9	Endosulfan II	ND		ug/kg dry	2.15	5	EPA 8081B Certifications:	02/06/2023 08:07 CTDOH-PH-0723,NELAC-NY10854	02/10/2023 04:12	BJ-
1031-07-8	Endosulfan sulfate	ND		ug/kg dry	2.15	5	EPA 8081B Certifications:	02/06/2023 08:07 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	02/10/2023 04:12	BJ-
72-20-8	Endrin	ND		ug/kg dry	2.15	5	EPA 8081B Certifications:	02/06/2023 08:07 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	02/10/2023 04:12	BJ-
7421-93-4	Endrin aldehyde	ND		ug/kg dry	2.15	5	EPA 8081B Certifications:	02/06/2023 08:07 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	02/10/2023 04:12	BJ-
53494-70-5	Endrin ketone	ND		ug/kg dry	2.15	5	EPA 8081B Certifications:	02/06/2023 08:07 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	02/10/2023 04:12	BJ-
58-89-9	gamma-BHC (Lindane)	ND		ug/kg dry	2.15	5	EPA 8081B Certifications:	02/06/2023 08:07 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	02/10/2023 04:12	BJ-
76-44-8	Heptachlor	ND		ug/kg dry	2.15	5	EPA 8081B Certifications:	02/06/2023 08:07 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	02/10/2023 04:12	BJ-
1024-57-3	Heptachlor epoxide	ND		ug/kg dry	2.15	5	EPA 8081B Certifications:	02/06/2023 08:07 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	02/10/2023 04:12	BJ-
72-43-5	Methoxychlor	ND		ug/kg dry	10.8	5	EPA 8081B Certifications:	02/06/2023 08:07 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	02/10/2023 04:12	BJ-
8001-35-2	Toxaphene	ND		ug/kg dry	109	5	EPA 8081B Certifications:	02/06/2023 08:07 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	02/10/2023 04:12	BJ-

	Surrogate Recoveries	Result	Acceptance Range
2051-24-3	*Surrogate: Decachlorobiphenyl*	*66.6 %*	*30-150*
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*66.1 %*	*30-150*

Polychlorinated Biphenyls (PCB)

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst

Sample Information

Client Sample ID: SB-5 (4-6 ft) **York Sample ID:** 23B0078-10

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23B0078	B 62nd Street	Soil	February 1, 2023 12:39 pm	02/02/2023

Polychlorinated Biphenyls (PCB)

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
12674-11-2	Aroclor 1016	ND		mg/kg dry	0.0217	1	EPA 8082A Certifications:	02/06/2023 08:07 NELAC-NY10854,CTDOH-PH-0723,NJDEP,PADEP	02/10/2023 07:21	BJ
11104-28-2	Aroclor 1221	ND		mg/kg dry	0.0217	1	EPA 8082A Certifications:	02/06/2023 08:07 NELAC-NY10854,CTDOH-PH-0723,NJDEP,PADEP	02/10/2023 07:21	BJ
11141-16-5	Aroclor 1232	ND		mg/kg dry	0.0217	1	EPA 8082A Certifications:	02/06/2023 08:07 NELAC-NY10854,CTDOH-PH-0723,NJDEP,PADEP	02/10/2023 07:21	BJ
53469-21-9	Aroclor 1242	ND		mg/kg dry	0.0217	1	EPA 8082A Certifications:	02/06/2023 08:07 NELAC-NY10854,CTDOH-PH-0723,NJDEP,PADEP	02/10/2023 07:21	BJ
12672-29-6	Aroclor 1248	ND		mg/kg dry	0.0217	1	EPA 8082A Certifications:	02/06/2023 08:07 NELAC-NY10854,CTDOH-PH-0723,NJDEP,PADEP	02/10/2023 07:21	BJ
11097-69-1	Aroclor 1254	ND		mg/kg dry	0.0217	1	EPA 8082A Certifications:	02/06/2023 08:07 NELAC-NY10854,CTDOH-PH-0723,NJDEP,PADEP	02/10/2023 07:21	BJ
11096-82-5	Aroclor 1260	ND		mg/kg dry	0.0217	1	EPA 8082A Certifications:	02/06/2023 08:07 NELAC-NY10854,CTDOH-PH-0723,NJDEP,PADEP	02/10/2023 07:21	BJ
1336-36-3	* Total PCBs	ND		mg/kg dry	0.0217	1	EPA 8082A Certifications:	02/06/2023 08:07	02/10/2023 07:21	BJ

	Surrogate Recoveries	Result	Acceptance Range
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*75.5 %*	*30-140*
2051-24-3	*Surrogate: Decachlorobiphenyl*	*84.0 %*	*30-140*

Metals, Target Analyte

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7429-90-5	**Aluminum**	**5940**		mg/kg dry	5.50	1	EPA 6010D Certifications:	02/09/2023 08:50 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	02/10/2023 16:07	CW
7440-36-0	**Antimony**	**7.22**	M-CCV 1	mg/kg dry	2.75	1	EPA 6010D Certifications:	02/09/2023 08:50 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	02/10/2023 16:07	CW
7440-38-2	**Arsenic**	**12.3**		mg/kg dry	1.65	1	EPA 6010D Certifications:	02/09/2023 08:50 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	02/10/2023 16:07	CW
7440-39-3	**Barium**	**818**		mg/kg dry	2.75	1	EPA 6010D Certifications:	02/09/2023 08:50 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	02/10/2023 16:07	CW
7440-41-7	**Beryllium**	**0.557**		mg/kg dry	0.055	1	EPA 6010D Certifications:	02/09/2023 08:50 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	02/10/2023 16:07	CW
7440-43-9	**Cadmium**	**0.819**		mg/kg dry	0.330	1	EPA 6010D Certifications:	02/09/2023 08:50 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	02/10/2023 16:07	CW
7440-70-2	**Calcium**	**21200**		mg/kg dry	5.50	1	EPA 6010D Certifications:	02/09/2023 08:50 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	02/10/2023 16:07	CW
7440-47-3	**Chromium**	**18.4**		mg/kg dry	0.551	1	EPA 6010D Certifications:	02/09/2023 08:50 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	02/10/2023 16:07	CW
7440-48-4	**Cobalt**	**9.35**		mg/kg dry	0.440	1	EPA 6010D Certifications:	02/09/2023 08:50 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	02/10/2023 16:07	CW

Sample Information

Client Sample ID: SB-5 (4-6 ft) **York Sample ID:** 23B0078-10

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23B0078	B 62nd Street	Soil	February 1, 2023 12:39 pm	02/02/2023

Metals, Target Analyte

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-50-8	**Copper**	**392**		mg/kg dry	2.20	1	EPA 6010D	02/09/2023 08:50	02/10/2023 16:07	CW
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7439-89-6	**Iron**	**50800**		mg/kg dry	27.5	1	EPA 6010D	02/09/2023 08:50	02/10/2023 16:07	CW
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7439-92-1	**Lead**	**2020**		mg/kg dry	0.551	1	EPA 6010D	02/09/2023 08:50	02/10/2023 16:07	CW
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7439-95-4	**Magnesium**	**1330**		mg/kg dry	5.51	1	EPA 6010D	02/09/2023 08:50	02/10/2023 16:07	CW
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7439-96-5	**Manganese**	**397**		mg/kg dry	0.551	1	EPA 6010D	02/09/2023 08:50	02/10/2023 16:07	CW
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7440-02-0	**Nickel**	**34.7**		mg/kg dry	1.10	1	EPA 6010D	02/09/2023 08:50	02/10/2023 16:07	CW
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7440-09-7	**Potassium**	**978**	B	mg/kg dry	5.51	1	EPA 6010D	02/09/2023 08:50	02/10/2023 16:07	CW
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7782-49-2	Selenium	ND		mg/kg dry	2.75	1	EPA 6010D	02/09/2023 08:50	02/10/2023 16:07	CW
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7440-22-4	Silver	ND		mg/kg dry	0.555	1	EPA 6010D	02/09/2023 08:50	02/10/2023 16:07	CW
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7440-23-5	**Sodium**	**670**		mg/kg dry	55.0	1	EPA 6010D	02/09/2023 08:50	02/10/2023 16:07	CW
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7440-28-0	**Thallium**	**2.79**		mg/kg dry	2.75	1	EPA 6010D	02/09/2023 08:50	02/10/2023 16:07	CW
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7440-62-2	**Vanadium**	**20.3**		mg/kg dry	1.10	1	EPA 6010D	02/09/2023 08:50	02/10/2023 16:07	CW
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7440-66-6	**Zinc**	**1250**		mg/kg dry	2.74	1	EPA 6010D	02/09/2023 08:50	02/10/2023 16:07	CW
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		

Mercury by 7473

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 7473 soil

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	**Mercury**	**0.684**		mg/kg dry	0.0396	1	EPA 7473	02/07/2023 11:17	02/07/2023 14:50	PDL
							Certifications:	CTDOH-PH-0723,NJDEP,NELAC-NY10854,PADEP		

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**	**75.7**		%	0.100	1	SM 2540G	02/07/2023 07:41	02/07/2023 12:53	sgs
							Certifications:	CTDOH-PH-0723		

Sample Information

Client Sample ID: SB-6 (0-2 ft) **York Sample ID:** 23B0078-11

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23B0078	B 62nd Street	Soil	February 1, 2023 1:19 pm	02/02/2023

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	2.5	5.0	1	EPA 8260C Certifications:	02/03/2023 09:00	02/03/2023 19:47	FTR CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
71-55-6	1,1,1-Trichloroethane	ND		ug/kg dry	2.5	5.0	1	EPA 8260C Certifications:	02/03/2023 09:00	02/03/2023 19:47	FTR CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/kg dry	2.5	5.0	1	EPA 8260C Certifications:	02/03/2023 09:00	02/03/2023 19:47	FTR CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/kg dry	2.5	5.0	1	EPA 8260C Certifications:	02/03/2023 09:00	02/03/2023 19:47	FTR CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP
79-00-5	1,1,2-Trichloroethane	ND		ug/kg dry	2.5	5.0	1	EPA 8260C Certifications:	02/03/2023 09:00	02/03/2023 19:47	FTR CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
75-34-3	1,1-Dichloroethane	ND		ug/kg dry	2.5	5.0	1	EPA 8260C Certifications:	02/03/2023 09:00	02/03/2023 19:47	FTR CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
75-35-4	1,1-Dichloroethylene	ND		ug/kg dry	2.5	5.0	1	EPA 8260C Certifications:	02/03/2023 09:00	02/03/2023 19:47	FTR CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
87-61-6	1,2,3-Trichlorobenzene	ND		ug/kg dry	2.5	5.0	1	EPA 8260C Certifications:	02/03/2023 09:00	02/03/2023 19:47	FTR NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
96-18-4	1,2,3-Trichloropropane	ND		ug/kg dry	2.5	5.0	1	EPA 8260C Certifications:	02/03/2023 09:00	02/03/2023 19:47	FTR NELAC-NY10854,NELAC-NY12058,NJDEP
120-82-1	1,2,4-Trichlorobenzene	ND		ug/kg dry	2.5	5.0	1	EPA 8260C Certifications:	02/03/2023 09:00	02/03/2023 19:47	FTR NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
95-63-6	1,2,4-Trimethylbenzene	ND		ug/kg dry	2.5	5.0	1	EPA 8260C Certifications:	02/03/2023 09:00	02/03/2023 19:47	FTR CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/kg dry	2.5	5.0	1	EPA 8260C Certifications:	02/03/2023 09:00	02/03/2023 19:47	FTR CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
106-93-4	1,2-Dibromoethane	ND		ug/kg dry	2.5	5.0	1	EPA 8260C Certifications:	02/03/2023 09:00	02/03/2023 19:47	FTR CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
95-50-1	1,2-Dichlorobenzene	ND		ug/kg dry	2.5	5.0	1	EPA 8260C Certifications:	02/03/2023 09:00	02/03/2023 19:47	FTR CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
107-06-2	1,2-Dichloroethane	ND		ug/kg dry	2.5	5.0	1	EPA 8260C Certifications:	02/03/2023 09:00	02/03/2023 19:47	FTR CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
78-87-5	1,2-Dichloropropane	ND		ug/kg dry	2.5	5.0	1	EPA 8260C Certifications:	02/03/2023 09:00	02/03/2023 19:47	FTR CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
108-67-8	1,3,5-Trimethylbenzene	ND		ug/kg dry	2.5	5.0	1	EPA 8260C Certifications:	02/03/2023 09:00	02/03/2023 19:47	FTR CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
541-73-1	1,3-Dichlorobenzene	ND		ug/kg dry	2.5	5.0	1	EPA 8260C Certifications:	02/03/2023 09:00	02/03/2023 19:47	FTR CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
106-46-7	1,4-Dichlorobenzene	ND		ug/kg dry	2.5	5.0	1	EPA 8260C Certifications:	02/03/2023 09:00	02/03/2023 19:47	FTR CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
123-91-1	1,4-Dioxane	ND		ug/kg dry	50	100	1	EPA 8260C Certifications:	02/03/2023 09:00	02/03/2023 19:47	FTR NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
78-93-3	2-Butanone	ND		ug/kg dry	2.5	5.0	1	EPA 8260C Certifications:	02/03/2023 09:00	02/03/2023 19:47	FTR CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
591-78-6	2-Hexanone	ND		ug/kg dry	2.5	5.0	1	EPA 8260C Certifications:	02/03/2023 09:00	02/03/2023 19:47	FTR CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
108-10-1	4-Methyl-2-pentanone	ND		ug/kg dry	2.5	5.0	1	EPA 8260C Certifications:	02/03/2023 09:00	02/03/2023 19:47	FTR CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI

Sample Information

Client Sample ID: SB-6 (0-2 ft) **York Sample ID:** 23B0078-11

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23B0078	B 62nd Street	Soil	February 1, 2023 1:19 pm	02/02/2023

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
67-64-1	Acetone	ND		ug/kg dry	5.0	10	1	EPA 8260C Certifications:	02/03/2023 09:00	02/03/2023 19:47	FTR CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
107-02-8	Acrolein	ND		ug/kg dry	5.0	10	1	EPA 8260C Certifications:	02/03/2023 09:00	02/03/2023 19:47	FTR CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
107-13-1	Acrylonitrile	ND		ug/kg dry	2.5	5.0	1	EPA 8260C Certifications:	02/03/2023 09:00	02/03/2023 19:47	FTR CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
71-43-2	Benzene	ND		ug/kg dry	2.5	5.0	1	EPA 8260C Certifications:	02/03/2023 09:00	02/03/2023 19:47	FTR CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
74-97-5	Bromochloromethane	ND		ug/kg dry	2.5	5.0	1	EPA 8260C Certifications:	02/03/2023 09:00	02/03/2023 19:47	FTR NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
75-27-4	Bromodichloromethane	ND		ug/kg dry	2.5	5.0	1	EPA 8260C Certifications:	02/03/2023 09:00	02/03/2023 19:47	FTR CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
75-25-2	Bromoform	ND		ug/kg dry	2.5	5.0	1	EPA 8260C Certifications:	02/03/2023 09:00	02/03/2023 19:47	FTR CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
74-83-9	Bromomethane	ND		ug/kg dry	2.5	5.0	1	EPA 8260C Certifications:	02/03/2023 09:00	02/03/2023 19:47	FTR CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
75-15-0	Carbon disulfide	ND		ug/kg dry	2.5	5.0	1	EPA 8260C Certifications:	02/03/2023 09:00	02/03/2023 19:47	FTR CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
56-23-5	Carbon tetrachloride	ND		ug/kg dry	2.5	5.0	1	EPA 8260C Certifications:	02/03/2023 09:00	02/03/2023 19:47	FTR CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
108-90-7	Chlorobenzene	ND		ug/kg dry	2.5	5.0	1	EPA 8260C Certifications:	02/03/2023 09:00	02/03/2023 19:47	FTR CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
75-00-3	Chloroethane	ND		ug/kg dry	2.5	5.0	1	EPA 8260C Certifications:	02/03/2023 09:00	02/03/2023 19:47	FTR CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
67-66-3	Chloroform	ND		ug/kg dry	2.5	5.0	1	EPA 8260C Certifications:	02/03/2023 09:00	02/03/2023 19:47	FTR CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
74-87-3	Chloromethane	ND		ug/kg dry	2.5	5.0	1	EPA 8260C Certifications:	02/03/2023 09:00	02/03/2023 19:47	FTR CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
156-59-2	cis-1,2-Dichloroethylene	ND		ug/kg dry	2.5	5.0	1	EPA 8260C Certifications:	02/03/2023 09:00	02/03/2023 19:47	FTR CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/kg dry	2.5	5.0	1	EPA 8260C Certifications:	02/03/2023 09:00	02/03/2023 19:47	FTR CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
110-82-7	Cyclohexane	ND		ug/kg dry	2.5	5.0	1	EPA 8260C Certifications:	02/03/2023 09:00	02/03/2023 19:47	FTR NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
124-48-1	Dibromochloromethane	ND		ug/kg dry	2.5	5.0	1	EPA 8260C Certifications:	02/03/2023 09:00	02/03/2023 19:47	FTR NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
74-95-3	Dibromomethane	ND		ug/kg dry	2.5	5.0	1	EPA 8260C Certifications:	02/03/2023 09:00	02/03/2023 19:47	FTR NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
75-71-8	Dichlorodifluoromethane	ND		ug/kg dry	2.5	5.0	1	EPA 8260C Certifications:	02/03/2023 09:00	02/03/2023 19:47	FTR NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
100-41-4	Ethyl Benzene	ND		ug/kg dry	2.5	5.0	1	EPA 8260C Certifications:	02/03/2023 09:00	02/03/2023 19:47	FTR CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
87-68-3	Hexachlorobutadiene	ND		ug/kg dry	2.5	5.0	1	EPA 8260C Certifications:	02/03/2023 09:00	02/03/2023 19:47	FTR NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
98-82-8	Isopropylbenzene	ND		ug/kg dry	2.5	5.0	1	EPA 8260C Certifications:	02/03/2023 09:00	02/03/2023 19:47	FTR CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI

Sample Information

Client Sample ID: SB-6 (0-2 ft) **York Sample ID:** 23B0078-11

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23B0078	B 62nd Street	Soil	February 1, 2023 1:19 pm	02/02/2023

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
79-20-9	Methyl acetate	ND		ug/kg dry	2.5	5.0	1	EPA 8260C Certifications:	02/03/2023 09:00 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	02/03/2023 19:47	FTR
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/kg dry	2.5	5.0	1	EPA 8260C Certifications:	02/03/2023 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	02/03/2023 19:47	FTR
108-87-2	Methylcyclohexane	ND		ug/kg dry	2.5	5.0	1	EPA 8260C Certifications:	02/03/2023 09:00 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	02/03/2023 19:47	FTR
75-09-2	Methylene chloride	ND		ug/kg dry	5.0	10	1	EPA 8260C Certifications:	02/03/2023 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	02/03/2023 19:47	FTR
104-51-8	n-Butylbenzene	ND		ug/kg dry	2.5	5.0	1	EPA 8260C Certifications:	02/03/2023 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	02/03/2023 19:47	FTR
103-65-1	n-Propylbenzene	ND		ug/kg dry	2.5	5.0	1	EPA 8260C Certifications:	02/03/2023 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	02/03/2023 19:47	FTR
95-47-6	o-Xylene	ND		ug/kg dry	2.5	5.0	1	EPA 8260C Certifications:	02/03/2023 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP	02/03/2023 19:47	FTR
179601-23-1	p- & m- Xylenes	ND		ug/kg dry	5.0	10	1	EPA 8260C Certifications:	02/03/2023 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP	02/03/2023 19:47	FTR
99-87-6	p-Isopropyltoluene	ND		ug/kg dry	2.5	5.0	1	EPA 8260C Certifications:	02/03/2023 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	02/03/2023 19:47	FTR
135-98-8	sec-Butylbenzene	ND		ug/kg dry	2.5	5.0	1	EPA 8260C Certifications:	02/03/2023 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	02/03/2023 19:47	FTR
100-42-5	Styrene	ND		ug/kg dry	2.5	5.0	1	EPA 8260C Certifications:	02/03/2023 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	02/03/2023 19:47	FTR
75-65-0	tert-Butyl alcohol (TBA)	ND		ug/kg dry	2.5	5.0	1	EPA 8260C Certifications:	02/03/2023 09:00 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	02/03/2023 19:47	FTR
98-06-6	tert-Butylbenzene	ND		ug/kg dry	2.5	5.0	1	EPA 8260C Certifications:	02/03/2023 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	02/03/2023 19:47	FTR
127-18-4	Tetrachloroethylene	ND		ug/kg dry	2.5	5.0	1	EPA 8260C Certifications:	02/03/2023 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	02/03/2023 19:47	FTR
108-88-3	Toluene	ND		ug/kg dry	2.5	5.0	1	EPA 8260C Certifications:	02/03/2023 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	02/03/2023 19:47	FTR
156-60-5	trans-1,2-Dichloroethylene	ND		ug/kg dry	2.5	5.0	1	EPA 8260C Certifications:	02/03/2023 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	02/03/2023 19:47	FTR
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/kg dry	2.5	5.0	1	EPA 8260C Certifications:	02/03/2023 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	02/03/2023 19:47	FTR
110-57-6	* trans-1,4-dichloro-2-butene	ND		ug/kg dry	2.5	5.0	1	EPA 8260C Certifications:	02/03/2023 09:00 CTDOH-PH-0723	02/03/2023 19:47	FTR
79-01-6	Trichloroethylene	ND		ug/kg dry	2.5	5.0	1	EPA 8260C Certifications:	02/03/2023 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	02/03/2023 19:47	FTR
75-69-4	Trichlorofluoromethane	ND	CAL-E	ug/kg dry	2.5	5.0	1	EPA 8260C Certifications:	02/03/2023 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	02/03/2023 19:47	FTR
75-01-4	Vinyl Chloride	ND		ug/kg dry	2.5	5.0	1	EPA 8260C Certifications:	02/03/2023 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	02/03/2023 19:47	FTR
1330-20-7	Xylenes, Total	ND		ug/kg dry	7.5	15	1	EPA 8260C Certifications:	02/03/2023 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP	02/03/2023 19:47	FTR

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: SURR: 1,2-Dichloroethane-d4*	*104 %*	*77-125*

Sample Information

Client Sample ID: SB-6 (0-2 ft) **York Sample ID:** 23B0078-11

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23B0078	B 62nd Street	Soil	February 1, 2023 1:19 pm	02/02/2023

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
2037-26-5	*Surrogate: SURR: Toluene-d8*	*94.0 %*			*85-120*						
460-00-4	*Surrogate: SURR: p-Bromofluorobenzene*	*96.0 %*			*76-130*						

Semi-Volatiles, 8270 - Comprehensive

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

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
92-52-4	1,1-Biphenyl	ND		ug/kg dry	46.0	91.9	2	EPA 8270D Certifications:	02/08/2023 08:08 NELAC-NY10854,NJDEP,PADEP	02/10/2023 00:57	KH
95-94-3	1,2,4,5-Tetrachlorobenzene	ND		ug/kg dry	91.9	184	2	EPA 8270D Certifications:	02/08/2023 08:08 NELAC-NY10854,NJDEP,PADEP	02/10/2023 00:57	KH
120-82-1	1,2,4-Trichlorobenzene	ND		ug/kg dry	46.0	91.9	2	EPA 8270D Certifications:	02/08/2023 08:08 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	02/10/2023 00:57	KH
95-50-1	1,2-Dichlorobenzene	ND		ug/kg dry	46.0	91.9	2	EPA 8270D Certifications:	02/08/2023 08:08 NELAC-NY10854,PADEP	02/10/2023 00:57	KH
122-66-7	1,2-Diphenylhydrazine (as Azobenzene)	ND		ug/kg dry	46.0	91.9	2	EPA 8270D Certifications:	02/08/2023 08:08 NELAC-NY10854,NJDEP,PADEP	02/10/2023 00:57	KH
541-73-1	1,3-Dichlorobenzene	ND		ug/kg dry	46.0	91.9	2	EPA 8270D Certifications:	02/08/2023 08:08 NELAC-NY10854,PADEP	02/10/2023 00:57	KH
106-46-7	1,4-Dichlorobenzene	ND		ug/kg dry	46.0	91.9	2	EPA 8270D Certifications:	02/08/2023 08:08 NELAC-NY10854,PADEP	02/10/2023 00:57	KH
58-90-2	2,3,4,6-Tetrachlorophenol	ND		ug/kg dry	91.9	184	2	EPA 8270D Certifications:	02/08/2023 08:08 NELAC-NY10854,NJDEP,PADEP	02/10/2023 00:57	KH
95-95-4	2,4,5-Trichlorophenol	ND		ug/kg dry	46.0	91.9	2	EPA 8270D Certifications:	02/08/2023 08:08 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	02/10/2023 00:57	KH
88-06-2	2,4,6-Trichlorophenol	ND		ug/kg dry	46.0	91.9	2	EPA 8270D Certifications:	02/08/2023 08:08 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	02/10/2023 00:57	KH
120-83-2	2,4-Dichlorophenol	ND		ug/kg dry	46.0	91.9	2	EPA 8270D Certifications:	02/08/2023 08:08 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	02/10/2023 00:57	KH
105-67-9	2,4-Dimethylphenol	ND		ug/kg dry	46.0	91.9	2	EPA 8270D Certifications:	02/08/2023 08:08 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	02/10/2023 00:57	KH
51-28-5	2,4-Dinitrophenol	ND	CAL-E	ug/kg dry	91.9	184	2	EPA 8270D Certifications:	02/08/2023 08:08 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	02/10/2023 00:57	KH
121-14-2	2,4-Dinitrotoluene	ND		ug/kg dry	46.0	91.9	2	EPA 8270D Certifications:	02/08/2023 08:08 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	02/10/2023 00:57	KH
606-20-2	2,6-Dinitrotoluene	ND		ug/kg dry	46.0	91.9	2	EPA 8270D Certifications:	02/08/2023 08:08 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	02/10/2023 00:57	KH
91-58-7	2-Chloronaphthalene	ND		ug/kg dry	46.0	91.9	2	EPA 8270D Certifications:	02/08/2023 08:08 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	02/10/2023 00:57	KH
95-57-8	2-Chlorophenol	ND		ug/kg dry	46.0	91.9	2	EPA 8270D Certifications:	02/08/2023 08:08 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	02/10/2023 00:57	KH
91-57-6	2-Methylnaphthalene	ND		ug/kg dry	46.0	91.9	2	EPA 8270D Certifications:	02/08/2023 08:08 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	02/10/2023 00:57	KH
95-48-7	2-Methylphenol	ND		ug/kg dry	46.0	91.9	2	EPA 8270D Certifications:	02/08/2023 08:08 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	02/10/2023 00:57	KH

Sample Information

Client Sample ID: SB-6 (0-2 ft) **York Sample ID:** 23B0078-11

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23B0078	B 62nd Street	Soil	February 1, 2023 1:19 pm	02/02/2023

Semi-Volatiles, 8270 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
88-74-4	2-Nitroaniline	ND		ug/kg dry	91.9	184	2	EPA 8270D Certifications:	02/08/2023 08:08 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	02/10/2023 00:57	KH
88-75-5	2-Nitrophenol	ND		ug/kg dry	46.0	91.9	2	EPA 8270D Certifications:	02/08/2023 08:08 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	02/10/2023 00:57	KH
65794-96-9	3- & 4-Methylphenols	ND		ug/kg dry	46.0	91.9	2	EPA 8270D Certifications:	02/08/2023 08:08 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	02/10/2023 00:57	KH
91-94-1	3,3-Dichlorobenzidine	ND		ug/kg dry	46.0	91.9	2	EPA 8270D Certifications:	02/08/2023 08:08 NELAC-NY10854,NJDEP,PADEP	02/10/2023 00:57	KH
99-09-2	3-Nitroaniline	ND		ug/kg dry	91.9	184	2	EPA 8270D Certifications:	02/08/2023 08:08 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	02/10/2023 00:57	KH
534-52-1	4,6-Dinitro-2-methylphenol	ND	CAL-E	ug/kg dry	91.9	184	2	EPA 8270D Certifications:	02/08/2023 08:08 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	02/10/2023 00:57	KH
101-55-3	4-Bromophenyl phenyl ether	ND		ug/kg dry	46.0	91.9	2	EPA 8270D Certifications:	02/08/2023 08:08 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	02/10/2023 00:57	KH
59-50-7	4-Chloro-3-methylphenol	ND		ug/kg dry	46.0	91.9	2	EPA 8270D Certifications:	02/08/2023 08:08 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	02/10/2023 00:57	KH
106-47-8	4-Chloroaniline	ND		ug/kg dry	46.0	91.9	2	EPA 8270D Certifications:	02/08/2023 08:08 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	02/10/2023 00:57	KH
7005-72-3	4-Chlorophenyl phenyl ether	ND		ug/kg dry	46.0	91.9	2	EPA 8270D Certifications:	02/08/2023 08:08 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	02/10/2023 00:57	KH
100-01-6	4-Nitroaniline	ND		ug/kg dry	91.9	184	2	EPA 8270D Certifications:	02/08/2023 08:08 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	02/10/2023 00:57	KH
100-02-7	4-Nitrophenol	ND		ug/kg dry	91.9	184	2	EPA 8270D Certifications:	02/08/2023 08:08 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	02/10/2023 00:57	KH
83-32-9	Acenaphthene	ND		ug/kg dry	46.0	91.9	2	EPA 8270D Certifications:	02/08/2023 08:08 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	02/10/2023 00:57	KH
208-96-8	**Acenaphthylene**	**83.7**	J	ug/kg dry	46.0	91.9	2	EPA 8270D Certifications:	02/08/2023 08:08 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	02/10/2023 00:57	KH
98-86-2	Acetophenone	ND		ug/kg dry	46.0	91.9	2	EPA 8270D Certifications:	02/08/2023 08:08 NELAC-NY10854,NJDEP,PADEP	02/10/2023 00:57	KH
62-53-3	Aniline	ND		ug/kg dry	184	368	2	EPA 8270D Certifications:	02/08/2023 08:08 NELAC-NY10854,NJDEP,PADEP	02/10/2023 00:57	KH
120-12-7	**Anthracene**	**195**		ug/kg dry	46.0	91.9	2	EPA 8270D Certifications:	02/08/2023 08:08 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	02/10/2023 00:57	KH
1912-24-9	Atrazine	ND		ug/kg dry	46.0	91.9	2	EPA 8270D Certifications:	02/08/2023 08:08 NELAC-NY10854,NJDEP,PADEP	02/10/2023 00:57	KH
100-52-7	Benzaldehyde	ND		ug/kg dry	46.0	91.9	2	EPA 8270D Certifications:	02/08/2023 08:08 NELAC-NY10854,NJDEP,PADEP	02/10/2023 00:57	KH
92-87-5	Benzidine	ND	CCVE	ug/kg dry	184	368	2	EPA 8270D Certifications:	02/08/2023 08:08 CTDOH-PH-0723,NELAC-NY10854,PADEP	02/10/2023 00:57	KH
56-55-3	**Benzo(a)anthracene**	**671**		ug/kg dry	46.0	91.9	2	EPA 8270D Certifications:	02/08/2023 08:08 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	02/10/2023 00:57	KH
50-32-8	**Benzo(a)pyrene**	**555**		ug/kg dry	46.0	91.9	2	EPA 8270D Certifications:	02/08/2023 08:08 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	02/10/2023 00:57	KH
205-99-2	**Benzo(b)fluoranthene**	**548**		ug/kg dry	46.0	91.9	2	EPA 8270D Certifications:	02/08/2023 08:08 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	02/10/2023 00:57	KH

Sample Information

Client Sample ID: SB-6 (0-2 ft) **York Sample ID:** 23B0078-11

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23B0078	B 62nd Street	Soil	February 1, 2023 1:19 pm	02/02/2023

Semi-Volatiles, 8270 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
191-24-2	**Benzo(g,h,i)perylene**	**292**		ug/kg dry	46.0	91.9	2	EPA 8270D Certifications:	02/08/2023 08:08	02/10/2023 00:57 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	KH
207-08-9	**Benzo(k)fluoranthene**	**468**		ug/kg dry	46.0	91.9	2	EPA 8270D Certifications:	02/08/2023 08:08	02/10/2023 00:57 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	KH
65-85-0	Benzoic acid	ND	QL-02	ug/kg dry	46.0	91.9	2	EPA 8270D Certifications:	02/08/2023 08:08	02/10/2023 00:57 NELAC-NY10854,NJDEP,PADEP	KH
100-51-6	Benzyl alcohol	ND		ug/kg dry	46.0	91.9	2	EPA 8270D Certifications:	02/08/2023 08:08	02/10/2023 00:57 NELAC-NY10854,NJDEP,PADEP	KH
85-68-7	Benzyl butyl phthalate	ND		ug/kg dry	46.0	91.9	2	EPA 8270D Certifications:	02/08/2023 08:08	02/10/2023 00:57 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	KH
111-91-1	Bis(2-chloroethoxy)methane	ND		ug/kg dry	46.0	91.9	2	EPA 8270D Certifications:	02/08/2023 08:08	02/10/2023 00:57 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	KH
111-44-4	Bis(2-chloroethyl)ether	ND		ug/kg dry	46.0	91.9	2	EPA 8270D Certifications:	02/08/2023 08:08	02/10/2023 00:57 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	KH
108-60-1	Bis(2-chloroisopropyl)ether	ND		ug/kg dry	46.0	91.9	2	EPA 8270D Certifications:	02/08/2023 08:08	02/10/2023 00:57 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	KH
117-81-7	**Bis(2-ethylhexyl)phthalate**	**105**		ug/kg dry	46.0	91.9	2	EPA 8270D Certifications:	02/08/2023 08:08	02/10/2023 00:57 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	KH
105-60-2	Caprolactam	ND		ug/kg dry	91.9	184	2	EPA 8270D Certifications:	02/08/2023 08:08	02/10/2023 00:57 NELAC-NY10854,NJDEP,PADEP	KH
86-74-8	**Carbazole**	**71.2**	J	ug/kg dry	46.0	91.9	2	EPA 8270D Certifications:	02/08/2023 08:08	02/10/2023 00:57 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	KH
218-01-9	**Chrysene**	**680**		ug/kg dry	46.0	91.9	2	EPA 8270D Certifications:	02/08/2023 08:08	02/10/2023 00:57 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	KH
53-70-3	**Dibenzo(a,h)anthracene**	**63.2**	J	ug/kg dry	46.0	91.9	2	EPA 8270D Certifications:	02/08/2023 08:08	02/10/2023 00:57 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	KH
132-64-9	Dibenzofuran	ND		ug/kg dry	46.0	91.9	2	EPA 8270D Certifications:	02/08/2023 08:08	02/10/2023 00:57 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	KH
84-66-2	Diethyl phthalate	ND		ug/kg dry	46.0	91.9	2	EPA 8270D Certifications:	02/08/2023 08:08	02/10/2023 00:57 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	KH
131-11-3	Dimethyl phthalate	ND		ug/kg dry	46.0	91.9	2	EPA 8270D Certifications:	02/08/2023 08:08	02/10/2023 00:57 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	KH
84-74-2	Di-n-butyl phthalate	ND		ug/kg dry	46.0	91.9	2	EPA 8270D Certifications:	02/08/2023 08:08	02/10/2023 00:57 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	KH
117-84-0	Di-n-octyl phthalate	ND		ug/kg dry	46.0	91.9	2	EPA 8270D Certifications:	02/08/2023 08:08	02/10/2023 00:57 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	KH
122-39-4	* Diphenylamine	ND		ug/kg dry	91.9	184	2	EPA 8270D Certifications:	02/08/2023 08:08	02/10/2023 00:57	KH
206-44-0	**Fluoranthene**	**1240**		ug/kg dry	46.0	91.9	2	EPA 8270D Certifications:	02/08/2023 08:08	02/10/2023 00:57 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	KH
86-73-7	**Fluorene**	**49.9**	J	ug/kg dry	46.0	91.9	2	EPA 8270D Certifications:	02/08/2023 08:08	02/10/2023 00:57 NELAC-NY10854,NJDEP,PADEP	KH
118-74-1	Hexachlorobenzene	ND		ug/kg dry	46.0	91.9	2	EPA 8270D Certifications:	02/08/2023 08:08	02/10/2023 00:57 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	KH
87-68-3	Hexachlorobutadiene	ND		ug/kg dry	46.0	91.9	2	EPA 8270D Certifications:	02/08/2023 08:08	02/10/2023 00:57 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	KH

Sample Information

Client Sample ID: SB-6 (0-2 ft) **York Sample ID:** 23B0078-11

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23B0078	B 62nd Street	Soil	February 1, 2023 1:19 pm	02/02/2023

Semi-Volatiles, 8270 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
77-47-4	Hexachlorocyclopentadiene	ND	CCVE	ug/kg dry	46.0	91.9	2	EPA 8270D Certifications:	02/08/2023 08:08 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	02/10/2023 00:57	KH
67-72-1	Hexachloroethane	ND		ug/kg dry	46.0	91.9	2	EPA 8270D Certifications:	02/08/2023 08:08 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	02/10/2023 00:57	KH
193-39-5	**Indeno(1,2,3-cd)pyrene**	**343**		ug/kg dry	46.0	91.9	2	EPA 8270D Certifications:	02/08/2023 08:08 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	02/10/2023 00:57	KH
78-59-1	Isophorone	ND		ug/kg dry	46.0	91.9	2	EPA 8270D Certifications:	02/08/2023 08:08 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	02/10/2023 00:57	KH
91-20-3	Naphthalene	ND		ug/kg dry	46.0	91.9	2	EPA 8270D Certifications:	02/08/2023 08:08 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	02/10/2023 00:57	KH
98-95-3	Nitrobenzene	ND		ug/kg dry	46.0	91.9	2	EPA 8270D Certifications:	02/08/2023 08:08 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	02/10/2023 00:57	KH
62-75-9	N-Nitrosodimethylamine	ND		ug/kg dry	46.0	91.9	2	EPA 8270D Certifications:	02/08/2023 08:08 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	02/10/2023 00:57	KH
621-64-7	N-nitroso-di-n-propylamine	ND		ug/kg dry	46.0	91.9	2	EPA 8270D Certifications:	02/08/2023 08:08 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	02/10/2023 00:57	KH
86-30-6	N-Nitrosodiphenylamine	ND		ug/kg dry	46.0	91.9	2	EPA 8270D Certifications:	02/08/2023 08:08 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	02/10/2023 00:57	KH
87-86-5	Pentachlorophenol	ND		ug/kg dry	46.0	91.9	2	EPA 8270D Certifications:	02/08/2023 08:08 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	02/10/2023 00:57	KH
85-01-8	**Phenanthrene**	**707**		ug/kg dry	46.0	91.9	2	EPA 8270D Certifications:	02/08/2023 08:08 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	02/10/2023 00:57	KH
108-95-2	Phenol	ND		ug/kg dry	46.0	91.9	2	EPA 8270D Certifications:	02/08/2023 08:08 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	02/10/2023 00:57	KH
129-00-0	**Pyrene**	**1240**		ug/kg dry	46.0	91.9	2	EPA 8270D Certifications:	02/08/2023 08:08 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	02/10/2023 00:57	KH

	Surrogate Recoveries	Result	Acceptance Range
367-12-4	*Surrogate: SURR: 2-Fluorophenol*	*64.4 %*	*20-108*
13127-88-3	*Surrogate: SURR: Phenol-d6*	*67.4 %*	*23-114*
4165-60-0	*Surrogate: SURR: Nitrobenzene-d5*	*70.8 %*	*22-108*
321-60-8	*Surrogate: SURR: 2-Fluorobiphenyl*	*63.8 %*	*21-113*
118-79-6	*Surrogate: SURR: 2,4,6-Tribromophenol*	*58.0 %*	*19-110*
1718-51-0	*Surrogate: SURR: Terphenyl-d14*	*79.7 %*	*24-116*

Pesticides, 8081 target list

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
72-54-8	4,4'-DDD	ND		ug/kg dry	1.84	5	EPA 8081B Certifications:	02/06/2023 08:07 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	02/10/2023 05:02	BJ-
72-55-9	**4,4'-DDE**	**2.23**		ug/kg dry	1.84	5	EPA 8081B Certifications:	02/06/2023 08:07 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	02/10/2023 05:02	BJ-

Sample Information

Client Sample ID: SB-6 (0-2 ft) **York Sample ID:** 23B0078-11

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23B0078	B 62nd Street	Soil	February 1, 2023 1:19 pm	02/02/2023

Pesticides, 8081 target list

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
50-29-3	**4,4'-DDT**	**10.3**		ug/kg dry	1.84	5	EPA 8081B	02/06/2023 08:07	02/10/2023 05:02	BJ-
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
309-00-2	Aldrin	ND		ug/kg dry	1.84	5	EPA 8081B	02/06/2023 08:07	02/10/2023 05:02	BJ-
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
319-84-6	alpha-BHC	ND		ug/kg dry	1.84	5	EPA 8081B	02/06/2023 08:07	02/10/2023 05:02	BJ-
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
319-85-7	beta-BHC	ND		ug/kg dry	1.84	5	EPA 8081B	02/06/2023 08:07	02/10/2023 05:02	BJ-
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
12789-03-6	**Chlordane, total**	**93.6**		ug/kg dry	36.8	5	EPA 8081B	02/06/2023 08:07	02/10/2023 05:02	BJ-
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
319-86-8	delta-BHC	ND		ug/kg dry	1.84	5	EPA 8081B	02/06/2023 08:07	02/10/2023 05:02	BJ-
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
60-57-1	**Dieldrin**	**3.30**		ug/kg dry	1.84	5	EPA 8081B	02/06/2023 08:07	02/10/2023 05:02	BJ-
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
959-98-8	Endosulfan I	ND		ug/kg dry	1.84	5	EPA 8081B	02/06/2023 08:07	02/10/2023 05:02	BJ-
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
33213-65-9	Endosulfan II	ND		ug/kg dry	1.84	5	EPA 8081B	02/06/2023 08:07	02/10/2023 05:02	BJ-
							Certifications:	CTDOH-PH-0723,NELAC-NY10854		
1031-07-8	Endosulfan sulfate	ND		ug/kg dry	1.84	5	EPA 8081B	02/06/2023 08:07	02/10/2023 05:02	BJ-
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
72-20-8	Endrin	ND		ug/kg dry	1.84	5	EPA 8081B	02/06/2023 08:07	02/10/2023 05:02	BJ-
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7421-93-4	Endrin aldehyde	ND		ug/kg dry	1.84	5	EPA 8081B	02/06/2023 08:07	02/10/2023 05:02	BJ-
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
53494-70-5	Endrin ketone	ND		ug/kg dry	1.84	5	EPA 8081B	02/06/2023 08:07	02/10/2023 05:02	BJ-
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
58-89-9	gamma-BHC (Lindane)	ND		ug/kg dry	1.84	5	EPA 8081B	02/06/2023 08:07	02/10/2023 05:02	BJ-
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
76-44-8	Heptachlor	ND		ug/kg dry	1.84	5	EPA 8081B	02/06/2023 08:07	02/10/2023 05:02	BJ-
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
1024-57-3	Heptachlor epoxide	ND		ug/kg dry	1.84	5	EPA 8081B	02/06/2023 08:07	02/10/2023 05:02	BJ-
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
72-43-5	Methoxychlor	ND		ug/kg dry	9.21	5	EPA 8081B	02/06/2023 08:07	02/10/2023 05:02	BJ-
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
8001-35-2	Toxaphene	ND		ug/kg dry	93.2	5	EPA 8081B	02/06/2023 08:07	02/10/2023 05:02	BJ-
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		

	Surrogate Recoveries	Result	Acceptance Range
2051-24-3	*Surrogate: Decachlorobiphenyl*	*63.3 %*	*30-150*
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*52.9 %*	*30-150*

Polychlorinated Biphenyls (PCB)

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst

Sample Information

Client Sample ID: SB-6 (0-2 ft) **York Sample ID:** 23B0078-11

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23B0078	B 62nd Street	Soil	February 1, 2023 1:19 pm	02/02/2023

Polychlorinated Biphenyls (PCB)

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
12674-11-2	Aroclor 1016	ND		mg/kg dry	0.0186	1	EPA 8082A Certifications:	02/06/2023 08:07 NELAC-NY10854,CTDOH-PH-0723,NJDEP,PADEP	02/10/2023 07:36	BJ
11104-28-2	Aroclor 1221	ND		mg/kg dry	0.0186	1	EPA 8082A Certifications:	02/06/2023 08:07 NELAC-NY10854,CTDOH-PH-0723,NJDEP,PADEP	02/10/2023 07:36	BJ
11141-16-5	Aroclor 1232	ND		mg/kg dry	0.0186	1	EPA 8082A Certifications:	02/06/2023 08:07 NELAC-NY10854,CTDOH-PH-0723,NJDEP,PADEP	02/10/2023 07:36	BJ
53469-21-9	Aroclor 1242	ND		mg/kg dry	0.0186	1	EPA 8082A Certifications:	02/06/2023 08:07 NELAC-NY10854,CTDOH-PH-0723,NJDEP,PADEP	02/10/2023 07:36	BJ
12672-29-6	Aroclor 1248	ND		mg/kg dry	0.0186	1	EPA 8082A Certifications:	02/06/2023 08:07 NELAC-NY10854,CTDOH-PH-0723,NJDEP,PADEP	02/10/2023 07:36	BJ
11097-69-1	Aroclor 1254	ND		mg/kg dry	0.0186	1	EPA 8082A Certifications:	02/06/2023 08:07 NELAC-NY10854,CTDOH-PH-0723,NJDEP,PADEP	02/10/2023 07:36	BJ
11096-82-5	Aroclor 1260	ND		mg/kg dry	0.0186	1	EPA 8082A Certifications:	02/06/2023 08:07 NELAC-NY10854,CTDOH-PH-0723,NJDEP,PADEP	02/10/2023 07:36	BJ
1336-36-3	* Total PCBs	ND		mg/kg dry	0.0186	1	EPA 8082A Certifications:	02/06/2023 08:07	02/10/2023 07:36	BJ

	Surrogate Recoveries	Result	Acceptance Range
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*72.5 %*	*30-140*
2051-24-3	*Surrogate: Decachlorobiphenyl*	*83.0 %*	*30-140*

Metals, Target Analyte

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7429-90-5	**Aluminum**	**6560**		mg/kg dry	4.67	1	EPA 6010D Certifications:	02/09/2023 08:50 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	02/10/2023 16:09	CW
7440-36-0	Antimony	ND	M-CCV 1	mg/kg dry	2.33	1	EPA 6010D Certifications:	02/09/2023 08:50 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	02/10/2023 16:09	CW
7440-38-2	**Arsenic**	**4.73**		mg/kg dry	1.40	1	EPA 6010D Certifications:	02/09/2023 08:50 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	02/10/2023 16:09	CW
7440-39-3	**Barium**	**242**		mg/kg dry	2.33	1	EPA 6010D Certifications:	02/09/2023 08:50 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	02/10/2023 16:09	CW
7440-41-7	**Beryllium**	**0.484**		mg/kg dry	0.047	1	EPA 6010D Certifications:	02/09/2023 08:50 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	02/10/2023 16:09	CW
7440-43-9	**Cadmium**	**0.643**		mg/kg dry	0.280	1	EPA 6010D Certifications:	02/09/2023 08:50 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	02/10/2023 16:09	CW
7440-70-2	**Calcium**	**16600**		mg/kg dry	4.67	1	EPA 6010D Certifications:	02/09/2023 08:50 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	02/10/2023 16:09	CW
7440-47-3	**Chromium**	**16.4**		mg/kg dry	0.467	1	EPA 6010D Certifications:	02/09/2023 08:50 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	02/10/2023 16:09	CW
7440-48-4	**Cobalt**	**6.02**		mg/kg dry	0.373	1	EPA 6010D Certifications:	02/09/2023 08:50 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	02/10/2023 16:09	CW

Sample Information

Client Sample ID: SB-6 (0-2 ft) **York Sample ID:** 23B0078-11

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23B0078	B 62nd Street	Soil	February 1, 2023 1:19 pm	02/02/2023

Metals, Target Analyte

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-50-8	**Copper**	**72.0**		mg/kg dry	1.87	1	EPA 6010D	02/09/2023 08:50	02/10/2023 16:09	CW
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7439-89-6	**Iron**	**19300**		mg/kg dry	23.3	1	EPA 6010D	02/09/2023 08:50	02/10/2023 16:09	CW
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7439-92-1	**Lead**	**365**		mg/kg dry	0.467	1	EPA 6010D	02/09/2023 08:50	02/10/2023 16:09	CW
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7439-95-4	**Magnesium**	**3710**		mg/kg dry	4.67	1	EPA 6010D	02/09/2023 08:50	02/10/2023 16:09	CW
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7439-96-5	**Manganese**	**261**		mg/kg dry	0.467	1	EPA 6010D	02/09/2023 08:50	02/10/2023 16:09	CW
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7440-02-0	**Nickel**	**15.8**		mg/kg dry	0.930	1	EPA 6010D	02/09/2023 08:50	02/10/2023 16:09	CW
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7440-09-7	**Potassium**	**930**	B	mg/kg dry	4.67	1	EPA 6010D	02/09/2023 08:50	02/10/2023 16:09	CW
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7782-49-2	Selenium	ND		mg/kg dry	2.33	1	EPA 6010D	02/09/2023 08:50	02/10/2023 16:09	CW
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7440-22-4	Silver	ND		mg/kg dry	0.470	1	EPA 6010D	02/09/2023 08:50	02/10/2023 16:09	CW
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7440-23-5	**Sodium**	**162**		mg/kg dry	46.7	1	EPA 6010D	02/09/2023 08:50	02/10/2023 16:09	CW
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7440-28-0	Thallium	ND		mg/kg dry	2.33	1	EPA 6010D	02/09/2023 08:50	02/10/2023 16:09	CW
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7440-62-2	**Vanadium**	**23.4**		mg/kg dry	0.930	1	EPA 6010D	02/09/2023 08:50	02/10/2023 16:09	CW
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7440-66-6	**Zinc**	**354**		mg/kg dry	2.32	1	EPA 6010D	02/09/2023 08:50	02/10/2023 16:09	CW
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		

Mercury by 7473

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 7473 soil

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	**Mercury**	**0.395**		mg/kg dry	0.0336	1	EPA 7473	02/07/2023 11:17	02/07/2023 14:59	PDL
							Certifications:	CTDOH-PH-0723,NJDEP,NELAC-NY10854,PADEP		

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**	**89.3**		%	0.100	1	SM 2540G	02/07/2023 07:41	02/07/2023 12:53	sgs
							Certifications:	CTDOH-PH-0723		

Sample Information

Client Sample ID: SB-6 (5-7 ft) **York Sample ID:** 23B0078-12

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23B0078	B 62nd Street	Soil	February 1, 2023 1:24 pm	02/02/2023

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	3.5	7.0	1	EPA 8260C	02/03/2023 09:00	02/03/2023 20:13	FTR
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
71-55-6	1,1,1-Trichloroethane	ND		ug/kg dry	3.5	7.0	1	EPA 8260C	02/03/2023 09:00	02/03/2023 20:13	FTR
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/kg dry	3.5	7.0	1	EPA 8260C	02/03/2023 09:00	02/03/2023 20:13	FTR
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/kg dry	3.5	7.0	1	EPA 8260C	02/03/2023 09:00	02/03/2023 20:13	FTR
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP		
79-00-5	1,1,2-Trichloroethane	ND		ug/kg dry	3.5	7.0	1	EPA 8260C	02/03/2023 09:00	02/03/2023 20:13	FTR
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
75-34-3	1,1-Dichloroethane	ND		ug/kg dry	3.5	7.0	1	EPA 8260C	02/03/2023 09:00	02/03/2023 20:13	FTR
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
75-35-4	1,1-Dichloroethylene	ND		ug/kg dry	3.5	7.0	1	EPA 8260C	02/03/2023 09:00	02/03/2023 20:13	FTR
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
87-61-6	1,2,3-Trichlorobenzene	ND		ug/kg dry	3.5	7.0	1	EPA 8260C	02/03/2023 09:00	02/03/2023 20:13	FTR
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
96-18-4	1,2,3-Trichloropropane	ND		ug/kg dry	3.5	7.0	1	EPA 8260C	02/03/2023 09:00	02/03/2023 20:13	FTR
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP		
120-82-1	1,2,4-Trichlorobenzene	ND		ug/kg dry	3.5	7.0	1	EPA 8260C	02/03/2023 09:00	02/03/2023 20:13	FTR
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
95-63-6	1,2,4-Trimethylbenzene	ND		ug/kg dry	3.5	7.0	1	EPA 8260C	02/03/2023 09:00	02/03/2023 20:13	FTR
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/kg dry	3.5	7.0	1	EPA 8260C	02/03/2023 09:00	02/03/2023 20:13	FTR
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
106-93-4	1,2-Dibromoethane	ND		ug/kg dry	3.5	7.0	1	EPA 8260C	02/03/2023 09:00	02/03/2023 20:13	FTR
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
95-50-1	1,2-Dichlorobenzene	ND		ug/kg dry	3.5	7.0	1	EPA 8260C	02/03/2023 09:00	02/03/2023 20:13	FTR
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
107-06-2	1,2-Dichloroethane	ND		ug/kg dry	3.5	7.0	1	EPA 8260C	02/03/2023 09:00	02/03/2023 20:13	FTR
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
78-87-5	1,2-Dichloropropane	ND		ug/kg dry	3.5	7.0	1	EPA 8260C	02/03/2023 09:00	02/03/2023 20:13	FTR
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
108-67-8	1,3,5-Trimethylbenzene	ND		ug/kg dry	3.5	7.0	1	EPA 8260C	02/03/2023 09:00	02/03/2023 20:13	FTR
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
541-73-1	1,3-Dichlorobenzene	ND		ug/kg dry	3.5	7.0	1	EPA 8260C	02/03/2023 09:00	02/03/2023 20:13	FTR
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
106-46-7	1,4-Dichlorobenzene	ND		ug/kg dry	3.5	7.0	1	EPA 8260C	02/03/2023 09:00	02/03/2023 20:13	FTR
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
123-91-1	1,4-Dioxane	ND		ug/kg dry	70	140	1	EPA 8260C	02/03/2023 09:00	02/03/2023 20:13	FTR
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
78-93-3	**2-Butanone**	**19**	CCVE	ug/kg dry	3.5	7.0	1	EPA 8260C	02/03/2023 09:00	02/03/2023 20:13	FTR
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PA		
591-78-6	2-Hexanone	ND		ug/kg dry	3.5	7.0	1	EPA 8260C	02/03/2023 09:00	02/03/2023 20:13	FTR
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
108-10-1	4-Methyl-2-pentanone	ND		ug/kg dry	3.5	7.0	1	EPA 8260C	02/03/2023 09:00	02/03/2023 20:13	FTR
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		

Sample Information

Client Sample ID: SB-6 (5-7 ft) **York Sample ID:** 23B0078-12

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23B0078	B 62nd Street	Soil	February 1, 2023 1:24 pm	02/02/2023

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
67-64-1	**Acetone**	**70**	ICVE, CCVE	ug/kg dry	7.0	14	1	EPA 8260C	02/03/2023 09:00	02/03/2023 20:13	FTR
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PA		
107-02-8	Acrolein	ND		ug/kg dry	7.0	14	1	EPA 8260C	02/03/2023 09:00	02/03/2023 20:13	FTR
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
107-13-1	Acrylonitrile	ND		ug/kg dry	3.5	7.0	1	EPA 8260C	02/03/2023 09:00	02/03/2023 20:13	FTR
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
71-43-2	Benzene	ND		ug/kg dry	3.5	7.0	1	EPA 8260C	02/03/2023 09:00	02/03/2023 20:13	FTR
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
74-97-5	Bromochloromethane	ND		ug/kg dry	3.5	7.0	1	EPA 8260C	02/03/2023 09:00	02/03/2023 20:13	FTR
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-27-4	Bromodichloromethane	ND		ug/kg dry	3.5	7.0	1	EPA 8260C	02/03/2023 09:00	02/03/2023 20:13	FTR
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
75-25-2	Bromoform	ND		ug/kg dry	3.5	7.0	1	EPA 8260C	02/03/2023 09:00	02/03/2023 20:13	FTR
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
74-83-9	Bromomethane	ND		ug/kg dry	3.5	7.0	1	EPA 8260C	02/03/2023 09:00	02/03/2023 20:13	FTR
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
75-15-0	Carbon disulfide	ND		ug/kg dry	3.5	7.0	1	EPA 8260C	02/03/2023 09:00	02/03/2023 20:13	FTR
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
56-23-5	Carbon tetrachloride	ND		ug/kg dry	3.5	7.0	1	EPA 8260C	02/03/2023 09:00	02/03/2023 20:13	FTR
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
108-90-7	Chlorobenzene	ND		ug/kg dry	3.5	7.0	1	EPA 8260C	02/03/2023 09:00	02/03/2023 20:13	FTR
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
75-00-3	Chloroethane	ND		ug/kg dry	3.5	7.0	1	EPA 8260C	02/03/2023 09:00	02/03/2023 20:13	FTR
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
67-66-3	Chloroform	ND		ug/kg dry	3.5	7.0	1	EPA 8260C	02/03/2023 09:00	02/03/2023 20:13	FTR
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
74-87-3	Chloromethane	ND		ug/kg dry	3.5	7.0	1	EPA 8260C	02/03/2023 09:00	02/03/2023 20:13	FTR
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
156-59-2	cis-1,2-Dichloroethylene	ND		ug/kg dry	3.5	7.0	1	EPA 8260C	02/03/2023 09:00	02/03/2023 20:13	FTR
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/kg dry	3.5	7.0	1	EPA 8260C	02/03/2023 09:00	02/03/2023 20:13	FTR
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
110-82-7	Cyclohexane	ND		ug/kg dry	3.5	7.0	1	EPA 8260C	02/03/2023 09:00	02/03/2023 20:13	FTR
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
124-48-1	Dibromochloromethane	ND		ug/kg dry	3.5	7.0	1	EPA 8260C	02/03/2023 09:00	02/03/2023 20:13	FTR
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
74-95-3	Dibromomethane	ND		ug/kg dry	3.5	7.0	1	EPA 8260C	02/03/2023 09:00	02/03/2023 20:13	FTR
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-71-8	Dichlorodifluoromethane	ND		ug/kg dry	3.5	7.0	1	EPA 8260C	02/03/2023 09:00	02/03/2023 20:13	FTR
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
100-41-4	Ethyl Benzene	ND		ug/kg dry	3.5	7.0	1	EPA 8260C	02/03/2023 09:00	02/03/2023 20:13	FTR
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
87-68-3	Hexachlorobutadiene	ND		ug/kg dry	3.5	7.0	1	EPA 8260C	02/03/2023 09:00	02/03/2023 20:13	FTR
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
98-82-8	Isopropylbenzene	ND		ug/kg dry	3.5	7.0	1	EPA 8260C	02/03/2023 09:00	02/03/2023 20:13	FTR
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		

Sample Information

Client Sample ID: SB-6 (5-7 ft) **York Sample ID:** 23B0078-12

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23B0078	B 62nd Street	Soil	February 1, 2023 1:24 pm	02/02/2023

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
79-20-9	Methyl acetate	ND		ug/kg dry	3.5	7.0	1	EPA 8260C Certifications:	02/03/2023 09:00 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	02/03/2023 20:13	FTR
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/kg dry	3.5	7.0	1	EPA 8260C Certifications:	02/03/2023 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	02/03/2023 20:13	FTR
108-87-2	Methylcyclohexane	ND		ug/kg dry	3.5	7.0	1	EPA 8260C Certifications:	02/03/2023 09:00 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	02/03/2023 20:13	FTR
75-09-2	Methylene chloride	ND		ug/kg dry	7.0	14	1	EPA 8260C Certifications:	02/03/2023 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	02/03/2023 20:13	FTR
104-51-8	n-Butylbenzene	ND		ug/kg dry	3.5	7.0	1	EPA 8260C Certifications:	02/03/2023 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	02/03/2023 20:13	FTR
103-65-1	n-Propylbenzene	ND		ug/kg dry	3.5	7.0	1	EPA 8260C Certifications:	02/03/2023 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	02/03/2023 20:13	FTR
95-47-6	o-Xylene	ND		ug/kg dry	3.5	7.0	1	EPA 8260C Certifications:	02/03/2023 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP	02/03/2023 20:13	FTR
179601-23-1	p- & m- Xylenes	ND		ug/kg dry	7.0	14	1	EPA 8260C Certifications:	02/03/2023 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP	02/03/2023 20:13	FTR
99-87-6	p-Isopropyltoluene	ND		ug/kg dry	3.5	7.0	1	EPA 8260C Certifications:	02/03/2023 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	02/03/2023 20:13	FTR
135-98-8	sec-Butylbenzene	ND		ug/kg dry	3.5	7.0	1	EPA 8260C Certifications:	02/03/2023 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	02/03/2023 20:13	FTR
100-42-5	Styrene	ND		ug/kg dry	3.5	7.0	1	EPA 8260C Certifications:	02/03/2023 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	02/03/2023 20:13	FTR
75-65-0	tert-Butyl alcohol (TBA)	ND		ug/kg dry	3.5	7.0	1	EPA 8260C Certifications:	02/03/2023 09:00 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	02/03/2023 20:13	FTR
98-06-6	tert-Butylbenzene	ND		ug/kg dry	3.5	7.0	1	EPA 8260C Certifications:	02/03/2023 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	02/03/2023 20:13	FTR
127-18-4	Tetrachloroethylene	ND		ug/kg dry	3.5	7.0	1	EPA 8260C Certifications:	02/03/2023 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	02/03/2023 20:13	FTR
108-88-3	Toluene	ND		ug/kg dry	3.5	7.0	1	EPA 8260C Certifications:	02/03/2023 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	02/03/2023 20:13	FTR
156-60-5	trans-1,2-Dichloroethylene	ND		ug/kg dry	3.5	7.0	1	EPA 8260C Certifications:	02/03/2023 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	02/03/2023 20:13	FTR
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/kg dry	3.5	7.0	1	EPA 8260C Certifications:	02/03/2023 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	02/03/2023 20:13	FTR
110-57-6	* trans-1,4-dichloro-2-butene	ND		ug/kg dry	3.5	7.0	1	EPA 8260C Certifications:	02/03/2023 09:00 CTDOH-PH-0723	02/03/2023 20:13	FTR
79-01-6	Trichloroethylene	ND		ug/kg dry	3.5	7.0	1	EPA 8260C Certifications:	02/03/2023 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	02/03/2023 20:13	FTR
75-69-4	Trichlorofluoromethane	ND	CAL-E	ug/kg dry	3.5	7.0	1	EPA 8260C Certifications:	02/03/2023 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	02/03/2023 20:13	FTR
75-01-4	Vinyl Chloride	ND		ug/kg dry	3.5	7.0	1	EPA 8260C Certifications:	02/03/2023 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	02/03/2023 20:13	FTR
1330-20-7	Xylenes, Total	ND		ug/kg dry	11	21	1	EPA 8260C Certifications:	02/03/2023 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP	02/03/2023 20:13	FTR

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: SURR: 1,2-Dichloroethane-d4*	*107 %*	*77-125*

Sample Information

Client Sample ID: SB-6 (5-7 ft) **York Sample ID:** 23B0078-12

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23B0078	B 62nd Street	Soil	February 1, 2023 1:24 pm	02/02/2023

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
2037-26-5	*Surrogate: SURR: Toluene-d8*	*96.6 %*			*85-120*						
460-00-4	*Surrogate: SURR: p-Bromofluorobenzene*	*104 %*			*76-130*						

Semi-Volatiles, 8270 - Comprehensive

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

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
92-52-4	**1,1-Biphenyl**	**159**		ug/kg dry	57.5	115	2	EPA 8270D Certifications:	02/08/2023 08:08 NELAC-NY10854,NJDEP,PADEP	02/09/2023 09:21	KH
95-94-3	1,2,4,5-Tetrachlorobenzene	ND		ug/kg dry	115	229	2	EPA 8270D Certifications:	02/08/2023 08:08 NELAC-NY10854,NJDEP,PADEP	02/09/2023 09:21	KH
120-82-1	1,2,4-Trichlorobenzene	ND		ug/kg dry	57.5	115	2	EPA 8270D Certifications:	02/08/2023 08:08 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	02/09/2023 09:21	KH
95-50-1	1,2-Dichlorobenzene	ND		ug/kg dry	57.5	115	2	EPA 8270D Certifications:	02/08/2023 08:08 NELAC-NY10854,PADEP	02/09/2023 09:21	KH
122-66-7	1,2-Diphenylhydrazine (as Azobenzene)	ND		ug/kg dry	57.5	115	2	EPA 8270D Certifications:	02/08/2023 08:08 NELAC-NY10854,NJDEP,PADEP	02/09/2023 09:21	KH
541-73-1	1,3-Dichlorobenzene	ND		ug/kg dry	57.5	115	2	EPA 8270D Certifications:	02/08/2023 08:08 NELAC-NY10854,PADEP	02/09/2023 09:21	KH
106-46-7	1,4-Dichlorobenzene	ND		ug/kg dry	57.5	115	2	EPA 8270D Certifications:	02/08/2023 08:08 NELAC-NY10854,PADEP	02/09/2023 09:21	KH
58-90-2	2,3,4,6-Tetrachlorophenol	ND		ug/kg dry	115	229	2	EPA 8270D Certifications:	02/08/2023 08:08 NELAC-NY10854,NJDEP,PADEP	02/09/2023 09:21	KH
95-95-4	2,4,5-Trichlorophenol	ND		ug/kg dry	57.5	115	2	EPA 8270D Certifications:	02/08/2023 08:08 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	02/09/2023 09:21	KH
88-06-2	2,4,6-Trichlorophenol	ND		ug/kg dry	57.5	115	2	EPA 8270D Certifications:	02/08/2023 08:08 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	02/09/2023 09:21	KH
120-83-2	2,4-Dichlorophenol	ND		ug/kg dry	57.5	115	2	EPA 8270D Certifications:	02/08/2023 08:08 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	02/09/2023 09:21	KH
105-67-9	2,4-Dimethylphenol	ND		ug/kg dry	57.5	115	2	EPA 8270D Certifications:	02/08/2023 08:08 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	02/09/2023 09:21	KH
51-28-5	2,4-Dinitrophenol	ND	CAL-E	ug/kg dry	115	229	2	EPA 8270D Certifications:	02/08/2023 08:08 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	02/09/2023 09:21	KH
121-14-2	2,4-Dinitrotoluene	ND		ug/kg dry	57.5	115	2	EPA 8270D Certifications:	02/08/2023 08:08 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	02/09/2023 09:21	KH
606-20-2	2,6-Dinitrotoluene	ND		ug/kg dry	57.5	115	2	EPA 8270D Certifications:	02/08/2023 08:08 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	02/09/2023 09:21	KH
91-58-7	2-Chloronaphthalene	ND		ug/kg dry	57.5	115	2	EPA 8270D Certifications:	02/08/2023 08:08 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	02/09/2023 09:21	KH
95-57-8	2-Chlorophenol	ND		ug/kg dry	57.5	115	2	EPA 8270D Certifications:	02/08/2023 08:08 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	02/09/2023 09:21	KH
91-57-6	**2-Methylnaphthalene**	**559**		ug/kg dry	57.5	115	2	EPA 8270D Certifications:	02/08/2023 08:08 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	02/09/2023 09:21	KH
95-48-7	2-Methylphenol	ND		ug/kg dry	57.5	115	2	EPA 8270D Certifications:	02/08/2023 08:08 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	02/09/2023 09:21	KH

Sample Information

Client Sample ID: SB-6 (5-7 ft) **York Sample ID:** 23B0078-12

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23B0078	B 62nd Street	Soil	February 1, 2023 1:24 pm	02/02/2023

Semi-Volatiles, 8270 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
88-74-4	2-Nitroaniline	ND		ug/kg dry	115	229	2	EPA 8270D Certifications:	02/08/2023 08:08 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	02/09/2023 09:21	KH
88-75-5	2-Nitrophenol	ND		ug/kg dry	57.5	115	2	EPA 8270D Certifications:	02/08/2023 08:08 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	02/09/2023 09:21	KH
65794-96-9	3- & 4-Methylphenols	ND		ug/kg dry	57.5	115	2	EPA 8270D Certifications:	02/08/2023 08:08 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	02/09/2023 09:21	KH
91-94-1	3,3-Dichlorobenzidine	ND		ug/kg dry	57.5	115	2	EPA 8270D Certifications:	02/08/2023 08:08 NELAC-NY10854,NJDEP,PADEP	02/09/2023 09:21	KH
99-09-2	3-Nitroaniline	ND		ug/kg dry	115	229	2	EPA 8270D Certifications:	02/08/2023 08:08 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	02/09/2023 09:21	KH
534-52-1	4,6-Dinitro-2-methylphenol	ND	CAL-E	ug/kg dry	115	229	2	EPA 8270D Certifications:	02/08/2023 08:08 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	02/09/2023 09:21	KH
101-55-3	4-Bromophenyl phenyl ether	ND		ug/kg dry	57.5	115	2	EPA 8270D Certifications:	02/08/2023 08:08 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	02/09/2023 09:21	KH
59-50-7	4-Chloro-3-methylphenol	ND		ug/kg dry	57.5	115	2	EPA 8270D Certifications:	02/08/2023 08:08 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	02/09/2023 09:21	KH
106-47-8	4-Chloroaniline	ND		ug/kg dry	57.5	115	2	EPA 8270D Certifications:	02/08/2023 08:08 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	02/09/2023 09:21	KH
7005-72-3	4-Chlorophenyl phenyl ether	ND		ug/kg dry	57.5	115	2	EPA 8270D Certifications:	02/08/2023 08:08 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	02/09/2023 09:21	KH
100-01-6	4-Nitroaniline	ND		ug/kg dry	115	229	2	EPA 8270D Certifications:	02/08/2023 08:08 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	02/09/2023 09:21	KH
100-02-7	4-Nitrophenol	ND		ug/kg dry	115	229	2	EPA 8270D Certifications:	02/08/2023 08:08 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	02/09/2023 09:21	KH
83-32-9	**Acenaphthene**	**1180**		ug/kg dry	57.5	115	2	EPA 8270D Certifications:	02/08/2023 08:08 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	02/09/2023 09:21	KH
208-96-8	**Acenaphthylene**	**602**		ug/kg dry	57.5	115	2	EPA 8270D Certifications:	02/08/2023 08:08 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	02/09/2023 09:21	KH
98-86-2	Acetophenone	ND		ug/kg dry	57.5	115	2	EPA 8270D Certifications:	02/08/2023 08:08 NELAC-NY10854,NJDEP,PADEP	02/09/2023 09:21	KH
62-53-3	Aniline	ND		ug/kg dry	230	460	2	EPA 8270D Certifications:	02/08/2023 08:08 NELAC-NY10854,NJDEP,PADEP	02/09/2023 09:21	KH
120-12-7	**Anthracene**	**2470**		ug/kg dry	57.5	115	2	EPA 8270D Certifications:	02/08/2023 08:08 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	02/09/2023 09:21	KH
1912-24-9	Atrazine	ND		ug/kg dry	57.5	115	2	EPA 8270D Certifications:	02/08/2023 08:08 NELAC-NY10854,NJDEP,PADEP	02/09/2023 09:21	KH
100-52-7	Benzaldehyde	ND		ug/kg dry	57.5	115	2	EPA 8270D Certifications:	02/08/2023 08:08 NELAC-NY10854,NJDEP,PADEP	02/09/2023 09:21	KH
92-87-5	Benzidine	ND		ug/kg dry	230	460	2	EPA 8270D Certifications:	02/08/2023 08:08 CTDOH-PH-0723,NELAC-NY10854,PADEP	02/09/2023 09:21	KH
56-55-3	**Benzo(a)anthracene**	**6990**		ug/kg dry	288	574	10	EPA 8270D Certifications:	02/08/2023 08:08 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	02/10/2023 10:17	KH
50-32-8	**Benzo(a)pyrene**	**6270**		ug/kg dry	288	574	10	EPA 8270D Certifications:	02/08/2023 08:08 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	02/10/2023 10:17	KH
205-99-2	**Benzo(b)fluoranthene**	**5610**		ug/kg dry	288	574	10	EPA 8270D Certifications:	02/08/2023 08:08 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	02/10/2023 10:17	KH

Sample Information

Client Sample ID: SB-6 (5-7 ft) **York Sample ID:** 23B0078-12

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23B0078	B 62nd Street	Soil	February 1, 2023 1:24 pm	02/02/2023

Semi-Volatiles, 8270 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
191-24-2	**Benzo(g,h,i)perylene**	**3510**		ug/kg dry	57.5	115	2	EPA 8270D	02/08/2023 08:08	02/09/2023 09:21	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
207-08-9	**Benzo(k)fluoranthene**	**5530**		ug/kg dry	288	574	10	EPA 8270D	02/08/2023 08:08	02/10/2023 10:17	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
65-85-0	Benzoic acid	ND	QL-02	ug/kg dry	57.5	115	2	EPA 8270D	02/08/2023 08:08	02/09/2023 09:21	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
100-51-6	Benzyl alcohol	ND		ug/kg dry	57.5	115	2	EPA 8270D	02/08/2023 08:08	02/09/2023 09:21	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
85-68-7	Benzyl butyl phthalate	ND		ug/kg dry	57.5	115	2	EPA 8270D	02/08/2023 08:08	02/09/2023 09:21	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
111-91-1	Bis(2-chloroethoxy)methane	ND		ug/kg dry	57.5	115	2	EPA 8270D	02/08/2023 08:08	02/09/2023 09:21	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
111-44-4	Bis(2-chloroethyl)ether	ND		ug/kg dry	57.5	115	2	EPA 8270D	02/08/2023 08:08	02/09/2023 09:21	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
108-60-1	Bis(2-chloroisopropyl)ether	ND		ug/kg dry	57.5	115	2	EPA 8270D	02/08/2023 08:08	02/09/2023 09:21	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
117-81-7	**Bis(2-ethylhexyl)phthalate**	**2350**		ug/kg dry	57.5	115	2	EPA 8270D	02/08/2023 08:08	02/09/2023 09:21	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
105-60-2	Caprolactam	ND		ug/kg dry	115	229	2	EPA 8270D	02/08/2023 08:08	02/09/2023 09:21	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
86-74-8	**Carbazole**	**1240**		ug/kg dry	57.5	115	2	EPA 8270D	02/08/2023 08:08	02/09/2023 09:21	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
218-01-9	**Chrysene**	**7570**		ug/kg dry	288	574	10	EPA 8270D	02/08/2023 08:08	02/10/2023 10:17	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
53-70-3	**Dibenzo(a,h)anthracene**	**1300**		ug/kg dry	57.5	115	2	EPA 8270D	02/08/2023 08:08	02/09/2023 09:21	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
132-64-9	**Dibenzofuran**	**1030**		ug/kg dry	57.5	115	2	EPA 8270D	02/08/2023 08:08	02/09/2023 09:21	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
84-66-2	Diethyl phthalate	ND		ug/kg dry	57.5	115	2	EPA 8270D	02/08/2023 08:08	02/09/2023 09:21	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
131-11-3	Dimethyl phthalate	ND		ug/kg dry	57.5	115	2	EPA 8270D	02/08/2023 08:08	02/09/2023 09:21	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
84-74-2	Di-n-butyl phthalate	ND		ug/kg dry	57.5	115	2	EPA 8270D	02/08/2023 08:08	02/09/2023 09:21	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
117-84-0	Di-n-octyl phthalate	ND		ug/kg dry	57.5	115	2	EPA 8270D	02/08/2023 08:08	02/09/2023 09:21	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
122-39-4	* Diphenylamine	ND		ug/kg dry	115	229	2	EPA 8270D	02/08/2023 08:08	02/09/2023 09:21	KH
								Certifications:			
206-44-0	**Fluoranthene**	**18200**		ug/kg dry	288	574	10	EPA 8270D	02/08/2023 08:08	02/10/2023 10:17	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
86-73-7	**Fluorene**	**1320**		ug/kg dry	57.5	115	2	EPA 8270D	02/08/2023 08:08	02/09/2023 09:21	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
118-74-1	Hexachlorobenzene	ND		ug/kg dry	57.5	115	2	EPA 8270D	02/08/2023 08:08	02/09/2023 09:21	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
87-68-3	Hexachlorobutadiene	ND		ug/kg dry	57.5	115	2	EPA 8270D	02/08/2023 08:08	02/09/2023 09:21	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		

Sample Information

Client Sample ID: SB-6 (5-7 ft) **York Sample ID:** 23B0078-12

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23B0078	B 62nd Street	Soil	February 1, 2023 1:24 pm	02/02/2023

Semi-Volatiles, 8270 - Comprehensive

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

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
77-47-4	Hexachlorocyclopentadiene	ND		ug/kg dry	57.5	115	2	EPA 8270D Certifications:	02/08/2023 08:08 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	02/09/2023 09:21	KH
67-72-1	Hexachloroethane	ND		ug/kg dry	57.5	115	2	EPA 8270D Certifications:	02/08/2023 08:08 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	02/09/2023 09:21	KH
193-39-5	**Indeno(1,2,3-cd)pyrene**	**4170**		ug/kg dry	288	574	10	EPA 8270D Certifications:	02/08/2023 08:08 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	02/10/2023 10:17	KH
78-59-1	Isophorone	ND		ug/kg dry	57.5	115	2	EPA 8270D Certifications:	02/08/2023 08:08 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	02/09/2023 09:21	KH
91-20-3	**Naphthalene**	**951**		ug/kg dry	57.5	115	2	EPA 8270D Certifications:	02/08/2023 08:08 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	02/09/2023 09:21	KH
98-95-3	Nitrobenzene	ND		ug/kg dry	57.5	115	2	EPA 8270D Certifications:	02/08/2023 08:08 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	02/09/2023 09:21	KH
62-75-9	N-Nitrosodimethylamine	ND	CCVE	ug/kg dry	57.5	115	2	EPA 8270D Certifications:	02/08/2023 08:08 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	02/09/2023 09:21	KH
621-64-7	N-nitroso-di-n-propylamine	ND		ug/kg dry	57.5	115	2	EPA 8270D Certifications:	02/08/2023 08:08 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	02/09/2023 09:21	KH
86-30-6	N-Nitrosodiphenylamine	ND		ug/kg dry	57.5	115	2	EPA 8270D Certifications:	02/08/2023 08:08 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	02/09/2023 09:21	KH
87-86-5	Pentachlorophenol	ND	CAL-E	ug/kg dry	57.5	115	2	EPA 8270D Certifications:	02/08/2023 08:08 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	02/09/2023 09:21	KH
85-01-8	**Phenanthrene**	**16700**		ug/kg dry	575	1150	20	EPA 8270D Certifications:	02/08/2023 08:08 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	02/10/2023 13:51	KH
108-95-2	Phenol	ND		ug/kg dry	57.5	115	2	EPA 8270D Certifications:	02/08/2023 08:08 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	02/09/2023 09:21	KH
129-00-0	**Pyrene**	**16000**		ug/kg dry	288	574	10	EPA 8270D Certifications:	02/08/2023 08:08 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	02/10/2023 10:17	KH

	Surrogate Recoveries	Result	Acceptance Range
367-12-4	*Surrogate: SURR: 2-Fluorophenol*	*67.1 %*	*20-108*
13127-88-3	*Surrogate: SURR: Phenol-d6*	*65.8 %*	*23-114*
4165-60-0	*Surrogate: SURR: Nitrobenzene-d5*	*70.1 %*	*22-108*
321-60-8	*Surrogate: SURR: 2-Fluorobiphenyl*	*67.7 %*	*21-113*
118-79-6	*Surrogate: SURR: 2,4,6-Tribromophenol*	*90.0 %*	*19-110*
1718-51-0	*Surrogate: SURR: Terphenyl-d14*	*86.7 %*	*24-116*

Pesticides, 8081 target list

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

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
72-54-8	**4,4'-DDD**	**13.0**		ug/kg dry	2.30	5	EPA 8081B Certifications:	02/06/2023 08:07 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	02/10/2023 05:19	BJ-
72-55-9	**4,4'-DDE**	**25.5**		ug/kg dry	2.30	5	EPA 8081B Certifications:	02/06/2023 08:07 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	02/10/2023 05:19	BJ-

Sample Information

Client Sample ID: SB-6 (5-7 ft) **York Sample ID:** 23B0078-12

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23B0078	B 62nd Street	Soil	February 1, 2023 1:24 pm	02/02/2023

Pesticides, 8081 target list

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
50-29-3	**4,4'-DDT**	**52.9**		ug/kg dry	2.30	5	EPA 8081B	02/06/2023 08:07	02/10/2023 05:19	BJ-
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
309-00-2	Aldrin	ND		ug/kg dry	2.30	5	EPA 8081B	02/06/2023 08:07	02/10/2023 05:19	BJ-
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
319-84-6	alpha-BHC	ND		ug/kg dry	2.30	5	EPA 8081B	02/06/2023 08:07	02/10/2023 05:19	BJ-
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
319-85-7	beta-BHC	ND		ug/kg dry	2.30	5	EPA 8081B	02/06/2023 08:07	02/10/2023 05:19	BJ-
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
12789-03-6	Chlordane, total	ND		ug/kg dry	46.0	5	EPA 8081B	02/06/2023 08:07	02/10/2023 05:19	BJ-
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
319-86-8	delta-BHC	ND		ug/kg dry	2.30	5	EPA 8081B	02/06/2023 08:07	02/10/2023 05:19	BJ-
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
60-57-1	**Dieldrin**	**4.65**		ug/kg dry	2.30	5	EPA 8081B	02/06/2023 08:07	02/10/2023 05:19	BJ-
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
959-98-8	Endosulfan I	ND		ug/kg dry	2.30	5	EPA 8081B	02/06/2023 08:07	02/10/2023 05:19	BJ-
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
33213-65-9	Endosulfan II	ND		ug/kg dry	2.30	5	EPA 8081B	02/06/2023 08:07	02/10/2023 05:19	BJ-
							Certifications:	CTDOH-PH-0723,NELAC-NY10854		
1031-07-8	Endosulfan sulfate	ND		ug/kg dry	2.30	5	EPA 8081B	02/06/2023 08:07	02/10/2023 05:19	BJ-
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
72-20-8	Endrin	ND		ug/kg dry	2.30	5	EPA 8081B	02/06/2023 08:07	02/10/2023 05:19	BJ-
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7421-93-4	Endrin aldehyde	ND		ug/kg dry	2.30	5	EPA 8081B	02/06/2023 08:07	02/10/2023 05:19	BJ-
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
53494-70-5	Endrin ketone	ND		ug/kg dry	2.30	5	EPA 8081B	02/06/2023 08:07	02/10/2023 05:19	BJ-
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
58-89-9	gamma-BHC (Lindane)	ND		ug/kg dry	2.30	5	EPA 8081B	02/06/2023 08:07	02/10/2023 05:19	BJ-
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
76-44-8	Heptachlor	ND		ug/kg dry	2.30	5	EPA 8081B	02/06/2023 08:07	02/10/2023 05:19	BJ-
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
1024-57-3	Heptachlor epoxide	ND		ug/kg dry	2.30	5	EPA 8081B	02/06/2023 08:07	02/10/2023 05:19	BJ-
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
72-43-5	Methoxychlor	ND		ug/kg dry	11.5	5	EPA 8081B	02/06/2023 08:07	02/10/2023 05:19	BJ-
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
8001-35-2	Toxaphene	ND		ug/kg dry	116	5	EPA 8081B	02/06/2023 08:07	02/10/2023 05:19	BJ-
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		

	Surrogate Recoveries	Result	Acceptance Range
2051-24-3	*Surrogate: Decachlorobiphenyl*	*70.8 %*	*30-150*
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*72.7 %*	*30-150*

Polychlorinated Biphenyls (PCB)

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst

Sample Information

Client Sample ID: SB-6 (5-7 ft) **York Sample ID:** 23B0078-12

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23B0078	B 62nd Street	Soil	February 1, 2023 1:24 pm	02/02/2023

Polychlorinated Biphenyls (PCB)

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
12674-11-2	Aroclor 1016	ND		mg/kg dry	0.0232	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH-PH-0723,NJDEP,PADEP	02/06/2023 08:07	02/10/2023 07:51	BJ
11104-28-2	Aroclor 1221	ND		mg/kg dry	0.0232	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH-PH-0723,NJDEP,PADEP	02/06/2023 08:07	02/10/2023 07:51	BJ
11141-16-5	Aroclor 1232	ND		mg/kg dry	0.0232	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH-PH-0723,NJDEP,PADEP	02/06/2023 08:07	02/10/2023 07:51	BJ
53469-21-9	Aroclor 1242	ND		mg/kg dry	0.0232	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH-PH-0723,NJDEP,PADEP	02/06/2023 08:07	02/10/2023 07:51	BJ
12672-29-6	Aroclor 1248	ND		mg/kg dry	0.0232	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH-PH-0723,NJDEP,PADEP	02/06/2023 08:07	02/10/2023 07:51	BJ
11097-69-1	Aroclor 1254	ND		mg/kg dry	0.0232	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH-PH-0723,NJDEP,PADEP	02/06/2023 08:07	02/10/2023 07:51	BJ
11096-82-5	Aroclor 1260	ND		mg/kg dry	0.0232	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH-PH-0723,NJDEP,PADEP	02/06/2023 08:07	02/10/2023 07:51	BJ
1336-36-3	* Total PCBs	ND		mg/kg dry	0.0232	1	EPA 8082A Certifications:	02/06/2023 08:07	02/10/2023 07:51	BJ

	Surrogate Recoveries	Result	Acceptance Range
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*76.5 %*	*30-140*
2051-24-3	*Surrogate: Decachlorobiphenyl*	*81.0 %*	*30-140*

Metals, Target Analyte

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7429-90-5	**Aluminum**	**6940**		mg/kg dry	5.83	1	EPA 6010D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	02/09/2023 13:35	02/10/2023 16:53	CW
7440-36-0	**Antimony**	**19.2**	M-CCV 1	mg/kg dry	2.92	1	EPA 6010D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	02/09/2023 13:35	02/10/2023 16:53	CW
7440-38-2	**Arsenic**	**16.2**		mg/kg dry	1.75	1	EPA 6010D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	02/09/2023 13:35	02/10/2023 16:53	CW
7440-39-3	**Barium**	**1490**		mg/kg dry	2.91	1	EPA 6010D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	02/09/2023 13:35	02/10/2023 16:53	CW
7440-41-7	**Beryllium**	**0.527**		mg/kg dry	0.059	1	EPA 6010D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	02/09/2023 13:35	02/10/2023 16:53	CW
7440-43-9	**Cadmium**	**7.61**		mg/kg dry	0.350	1	EPA 6010D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	02/09/2023 13:35	02/10/2023 16:53	CW
7440-70-2	**Calcium**	**27100**		mg/kg dry	5.83	1	EPA 6010D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	02/09/2023 13:35	02/10/2023 16:53	CW
7440-47-3	**Chromium**	**46.0**		mg/kg dry	0.584	1	EPA 6010D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	02/09/2023 13:35	02/10/2023 16:53	CW
7440-48-4	**Cobalt**	**13.4**		mg/kg dry	0.466	1	EPA 6010D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	02/09/2023 13:35	02/10/2023 16:53	CW

Sample Information

Client Sample ID: SB-6 (5-7 ft) **York Sample ID:** 23B0078-12

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23B0078	B 62nd Street	Soil	February 1, 2023 1:24 pm	02/02/2023

Metals, Target Analyte

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-50-8	**Copper**	**470**		mg/kg dry	2.33	1	EPA 6010D	02/09/2023 13:35	02/10/2023 16:53	CW
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7439-89-6	**Iron**	**97000**		mg/kg dry	29.2	1	EPA 6010D	02/09/2023 13:35	02/10/2023 16:53	CW
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7439-92-1	**Lead**	**2880**		mg/kg dry	0.584	1	EPA 6010D	02/09/2023 13:35	02/10/2023 16:53	CW
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7439-95-4	**Magnesium**	**2720**		mg/kg dry	5.84	1	EPA 6010D	02/09/2023 13:35	02/10/2023 16:53	CW
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7439-96-5	**Manganese**	**722**		mg/kg dry	0.584	1	EPA 6010D	02/09/2023 13:35	02/10/2023 16:53	CW
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7440-02-0	**Nickel**	**50.9**		mg/kg dry	1.16	1	EPA 6010D	02/09/2023 13:35	02/10/2023 16:53	CW
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7440-09-7	**Potassium**	**1350**	B	mg/kg dry	5.84	1	EPA 6010D	02/09/2023 13:35	02/10/2023 16:53	CW
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7782-49-2	Selenium	ND		mg/kg dry	2.92	1	EPA 6010D	02/09/2023 13:35	02/10/2023 16:53	CW
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7440-22-4	Silver	ND		mg/kg dry	0.588	1	EPA 6010D	02/09/2023 13:35	02/10/2023 16:53	CW
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7440-23-5	**Sodium**	**969**		mg/kg dry	58.3	1	EPA 6010D	02/09/2023 13:35	02/10/2023 16:53	CW
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7440-28-0	**Thallium**	**5.72**		mg/kg dry	2.92	1	EPA 6010D	02/09/2023 13:35	02/10/2023 16:53	CW
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7440-62-2	**Vanadium**	**25.0**		mg/kg dry	1.16	1	EPA 6010D	02/09/2023 13:35	02/10/2023 16:53	CW
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7440-66-6	**Zinc**	**4810**		mg/kg dry	5.81	2	EPA 6010D	02/09/2023 13:35	02/13/2023 12:43	CW
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		

Mercury by 7473

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 7473 soil

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	**Mercury**	**2.13**		mg/kg dry	0.0420	1	EPA 7473	02/07/2023 11:17	02/07/2023 15:57	PDL
							Certifications:	CTDOH-PH-0723,NJDEP,NELAC-NY10854,PADEP		

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**	**71.4**		%	0.100	1	SM 2540G	02/07/2023 07:41	02/07/2023 12:53	sgs
							Certifications:	CTDOH-PH-0723		

Sample Information

Client Sample ID: SB-7 (0-2 ft) **York Sample ID:** 23B0078-13

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23B0078	B 62nd Street	Soil	February 1, 2023 1:40 pm	02/02/2023

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	2.5	5.0	1	EPA 8260C Certifications:	02/03/2023 09:00	02/03/2023 20:40	FTR CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
71-55-6	1,1,1-Trichloroethane	ND		ug/kg dry	2.5	5.0	1	EPA 8260C Certifications:	02/03/2023 09:00	02/03/2023 20:40	FTR CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/kg dry	2.5	5.0	1	EPA 8260C Certifications:	02/03/2023 09:00	02/03/2023 20:40	FTR CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/kg dry	2.5	5.0	1	EPA 8260C Certifications:	02/03/2023 09:00	02/03/2023 20:40	FTR CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP
79-00-5	1,1,2-Trichloroethane	ND		ug/kg dry	2.5	5.0	1	EPA 8260C Certifications:	02/03/2023 09:00	02/03/2023 20:40	FTR CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
75-34-3	1,1-Dichloroethane	ND		ug/kg dry	2.5	5.0	1	EPA 8260C Certifications:	02/03/2023 09:00	02/03/2023 20:40	FTR CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
75-35-4	1,1-Dichloroethylene	ND		ug/kg dry	2.5	5.0	1	EPA 8260C Certifications:	02/03/2023 09:00	02/03/2023 20:40	FTR CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
87-61-6	1,2,3-Trichlorobenzene	ND		ug/kg dry	2.5	5.0	1	EPA 8260C Certifications:	02/03/2023 09:00	02/03/2023 20:40	FTR NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
96-18-4	1,2,3-Trichloropropane	ND		ug/kg dry	2.5	5.0	1	EPA 8260C Certifications:	02/03/2023 09:00	02/03/2023 20:40	FTR NELAC-NY10854,NELAC-NY12058,NJDEP
120-82-1	1,2,4-Trichlorobenzene	ND		ug/kg dry	2.5	5.0	1	EPA 8260C Certifications:	02/03/2023 09:00	02/03/2023 20:40	FTR NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
95-63-6	1,2,4-Trimethylbenzene	ND		ug/kg dry	2.5	5.0	1	EPA 8260C Certifications:	02/03/2023 09:00	02/03/2023 20:40	FTR CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/kg dry	2.5	5.0	1	EPA 8260C Certifications:	02/03/2023 09:00	02/03/2023 20:40	FTR CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
106-93-4	1,2-Dibromoethane	ND		ug/kg dry	2.5	5.0	1	EPA 8260C Certifications:	02/03/2023 09:00	02/03/2023 20:40	FTR CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
95-50-1	1,2-Dichlorobenzene	ND		ug/kg dry	2.5	5.0	1	EPA 8260C Certifications:	02/03/2023 09:00	02/03/2023 20:40	FTR CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
107-06-2	1,2-Dichloroethane	ND		ug/kg dry	2.5	5.0	1	EPA 8260C Certifications:	02/03/2023 09:00	02/03/2023 20:40	FTR CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
78-87-5	1,2-Dichloropropane	ND		ug/kg dry	2.5	5.0	1	EPA 8260C Certifications:	02/03/2023 09:00	02/03/2023 20:40	FTR CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
108-67-8	1,3,5-Trimethylbenzene	ND		ug/kg dry	2.5	5.0	1	EPA 8260C Certifications:	02/03/2023 09:00	02/03/2023 20:40	FTR CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
541-73-1	1,3-Dichlorobenzene	ND		ug/kg dry	2.5	5.0	1	EPA 8260C Certifications:	02/03/2023 09:00	02/03/2023 20:40	FTR CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
106-46-7	1,4-Dichlorobenzene	ND		ug/kg dry	2.5	5.0	1	EPA 8260C Certifications:	02/03/2023 09:00	02/03/2023 20:40	FTR CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
123-91-1	1,4-Dioxane	ND		ug/kg dry	50	99	1	EPA 8260C Certifications:	02/03/2023 09:00	02/03/2023 20:40	FTR NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
78-93-3	2-Butanone	ND		ug/kg dry	2.5	5.0	1	EPA 8260C Certifications:	02/03/2023 09:00	02/03/2023 20:40	FTR CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
591-78-6	2-Hexanone	ND		ug/kg dry	2.5	5.0	1	EPA 8260C Certifications:	02/03/2023 09:00	02/03/2023 20:40	FTR CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
108-10-1	4-Methyl-2-pentanone	ND		ug/kg dry	2.5	5.0	1	EPA 8260C Certifications:	02/03/2023 09:00	02/03/2023 20:40	FTR CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI

Sample Information

Client Sample ID: SB-7 (0-2 ft) **York Sample ID:** 23B0078-13

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23B0078	B 62nd Street	Soil	February 1, 2023 1:40 pm	02/02/2023

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
67-64-1	Acetone	ND		ug/kg dry	5.0	9.9	1	EPA 8260C Certifications:	02/03/2023 09:00	02/03/2023 20:40	FTR CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
107-02-8	Acrolein	ND		ug/kg dry	5.0	9.9	1	EPA 8260C Certifications:	02/03/2023 09:00	02/03/2023 20:40	FTR CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
107-13-1	Acrylonitrile	ND		ug/kg dry	2.5	5.0	1	EPA 8260C Certifications:	02/03/2023 09:00	02/03/2023 20:40	FTR CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
71-43-2	Benzene	ND		ug/kg dry	2.5	5.0	1	EPA 8260C Certifications:	02/03/2023 09:00	02/03/2023 20:40	FTR CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
74-97-5	Bromochloromethane	ND		ug/kg dry	2.5	5.0	1	EPA 8260C Certifications:	02/03/2023 09:00	02/03/2023 20:40	FTR NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
75-27-4	Bromodichloromethane	ND		ug/kg dry	2.5	5.0	1	EPA 8260C Certifications:	02/03/2023 09:00	02/03/2023 20:40	FTR CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
75-25-2	Bromoform	ND		ug/kg dry	2.5	5.0	1	EPA 8260C Certifications:	02/03/2023 09:00	02/03/2023 20:40	FTR CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
74-83-9	Bromomethane	ND		ug/kg dry	2.5	5.0	1	EPA 8260C Certifications:	02/03/2023 09:00	02/03/2023 20:40	FTR CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
75-15-0	Carbon disulfide	ND		ug/kg dry	2.5	5.0	1	EPA 8260C Certifications:	02/03/2023 09:00	02/03/2023 20:40	FTR CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
56-23-5	Carbon tetrachloride	ND		ug/kg dry	2.5	5.0	1	EPA 8260C Certifications:	02/03/2023 09:00	02/03/2023 20:40	FTR CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
108-90-7	Chlorobenzene	ND		ug/kg dry	2.5	5.0	1	EPA 8260C Certifications:	02/03/2023 09:00	02/03/2023 20:40	FTR CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
75-00-3	Chloroethane	ND		ug/kg dry	2.5	5.0	1	EPA 8260C Certifications:	02/03/2023 09:00	02/03/2023 20:40	FTR CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
67-66-3	Chloroform	ND		ug/kg dry	2.5	5.0	1	EPA 8260C Certifications:	02/03/2023 09:00	02/03/2023 20:40	FTR CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
74-87-3	Chloromethane	ND		ug/kg dry	2.5	5.0	1	EPA 8260C Certifications:	02/03/2023 09:00	02/03/2023 20:40	FTR CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
156-59-2	cis-1,2-Dichloroethylene	ND		ug/kg dry	2.5	5.0	1	EPA 8260C Certifications:	02/03/2023 09:00	02/03/2023 20:40	FTR CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/kg dry	2.5	5.0	1	EPA 8260C Certifications:	02/03/2023 09:00	02/03/2023 20:40	FTR CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
110-82-7	Cyclohexane	ND		ug/kg dry	2.5	5.0	1	EPA 8260C Certifications:	02/03/2023 09:00	02/03/2023 20:40	FTR NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
124-48-1	Dibromochloromethane	ND		ug/kg dry	2.5	5.0	1	EPA 8260C Certifications:	02/03/2023 09:00	02/03/2023 20:40	FTR NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
74-95-3	Dibromomethane	ND		ug/kg dry	2.5	5.0	1	EPA 8260C Certifications:	02/03/2023 09:00	02/03/2023 20:40	FTR NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
75-71-8	Dichlorodifluoromethane	ND		ug/kg dry	2.5	5.0	1	EPA 8260C Certifications:	02/03/2023 09:00	02/03/2023 20:40	FTR NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
100-41-4	Ethyl Benzene	ND		ug/kg dry	2.5	5.0	1	EPA 8260C Certifications:	02/03/2023 09:00	02/03/2023 20:40	FTR CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
87-68-3	Hexachlorobutadiene	ND		ug/kg dry	2.5	5.0	1	EPA 8260C Certifications:	02/03/2023 09:00	02/03/2023 20:40	FTR NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
98-82-8	Isopropylbenzene	ND		ug/kg dry	2.5	5.0	1	EPA 8260C Certifications:	02/03/2023 09:00	02/03/2023 20:40	FTR CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI

Sample Information

Client Sample ID: SB-7 (0-2 ft) **York Sample ID:** 23B0078-13

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23B0078	B 62nd Street	Soil	February 1, 2023 1:40 pm	02/02/2023

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
79-20-9	Methyl acetate	ND		ug/kg dry	2.5	5.0	1	EPA 8260C Certifications:	02/03/2023 09:00 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	02/03/2023 20:40	FTR
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/kg dry	2.5	5.0	1	EPA 8260C Certifications:	02/03/2023 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	02/03/2023 20:40	FTR
108-87-2	Methylcyclohexane	ND		ug/kg dry	2.5	5.0	1	EPA 8260C Certifications:	02/03/2023 09:00 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	02/03/2023 20:40	FTR
75-09-2	Methylene chloride	ND		ug/kg dry	5.0	9.9	1	EPA 8260C Certifications:	02/03/2023 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	02/03/2023 20:40	FTR
104-51-8	n-Butylbenzene	ND		ug/kg dry	2.5	5.0	1	EPA 8260C Certifications:	02/03/2023 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	02/03/2023 20:40	FTR
103-65-1	n-Propylbenzene	ND		ug/kg dry	2.5	5.0	1	EPA 8260C Certifications:	02/03/2023 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	02/03/2023 20:40	FTR
95-47-6	o-Xylene	ND		ug/kg dry	2.5	5.0	1	EPA 8260C Certifications:	02/03/2023 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP	02/03/2023 20:40	FTR
179601-23-1	p- & m- Xylenes	ND		ug/kg dry	5.0	9.9	1	EPA 8260C Certifications:	02/03/2023 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP	02/03/2023 20:40	FTR
99-87-6	p-Isopropyltoluene	ND		ug/kg dry	2.5	5.0	1	EPA 8260C Certifications:	02/03/2023 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	02/03/2023 20:40	FTR
135-98-8	sec-Butylbenzene	ND		ug/kg dry	2.5	5.0	1	EPA 8260C Certifications:	02/03/2023 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	02/03/2023 20:40	FTR
100-42-5	Styrene	ND		ug/kg dry	2.5	5.0	1	EPA 8260C Certifications:	02/03/2023 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	02/03/2023 20:40	FTR
75-65-0	tert-Butyl alcohol (TBA)	ND		ug/kg dry	2.5	5.0	1	EPA 8260C Certifications:	02/03/2023 09:00 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	02/03/2023 20:40	FTR
98-06-6	tert-Butylbenzene	ND		ug/kg dry	2.5	5.0	1	EPA 8260C Certifications:	02/03/2023 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	02/03/2023 20:40	FTR
127-18-4	Tetrachloroethylene	ND		ug/kg dry	2.5	5.0	1	EPA 8260C Certifications:	02/03/2023 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	02/03/2023 20:40	FTR
108-88-3	Toluene	ND		ug/kg dry	2.5	5.0	1	EPA 8260C Certifications:	02/03/2023 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	02/03/2023 20:40	FTR
156-60-5	trans-1,2-Dichloroethylene	ND		ug/kg dry	2.5	5.0	1	EPA 8260C Certifications:	02/03/2023 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	02/03/2023 20:40	FTR
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/kg dry	2.5	5.0	1	EPA 8260C Certifications:	02/03/2023 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	02/03/2023 20:40	FTR
110-57-6	* trans-1,4-dichloro-2-butene	ND		ug/kg dry	2.5	5.0	1	EPA 8260C Certifications:	02/03/2023 09:00 CTDOH-PH-0723	02/03/2023 20:40	FTR
79-01-6	Trichloroethylene	ND		ug/kg dry	2.5	5.0	1	EPA 8260C Certifications:	02/03/2023 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	02/03/2023 20:40	FTR
75-69-4	Trichlorofluoromethane	ND	CAL-E	ug/kg dry	2.5	5.0	1	EPA 8260C Certifications:	02/03/2023 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	02/03/2023 20:40	FTR
75-01-4	Vinyl Chloride	ND		ug/kg dry	2.5	5.0	1	EPA 8260C Certifications:	02/03/2023 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	02/03/2023 20:40	FTR
1330-20-7	Xylenes, Total	ND		ug/kg dry	7.4	15	1	EPA 8260C Certifications:	02/03/2023 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP	02/03/2023 20:40	FTR

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: SURR: 1,2-Dichloroethane-d4*	*104 %*	*77-125*

Sample Information

Client Sample ID: SB-7 (0-2 ft) **York Sample ID:** 23B0078-13

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23B0078	B 62nd Street	Soil	February 1, 2023 1:40 pm	02/02/2023

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
2037-26-5	*Surrogate: SURR: Toluene-d8*	*96.0 %*			*85-120*						
460-00-4	*Surrogate: SURR: p-Bromofluorobenzene*	*98.5 %*			*76-130*						

Semi-Volatiles, 8270 - Comprehensive

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

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
92-52-4	1,1-Biphenyl	ND		ug/kg dry	44.8	89.3	2	EPA 8270D Certifications:	02/08/2023 08:08 NELAC-NY10854,NJDEP,PADEP	02/09/2023 09:52	KH
95-94-3	1,2,4,5-Tetrachlorobenzene	ND		ug/kg dry	89.3	178	2	EPA 8270D Certifications:	02/08/2023 08:08 NELAC-NY10854,NJDEP,PADEP	02/09/2023 09:52	KH
120-82-1	1,2,4-Trichlorobenzene	ND		ug/kg dry	44.8	89.3	2	EPA 8270D Certifications:	02/08/2023 08:08 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	02/09/2023 09:52	KH
95-50-1	1,2-Dichlorobenzene	ND		ug/kg dry	44.8	89.3	2	EPA 8270D Certifications:	02/08/2023 08:08 NELAC-NY10854,PADEP	02/09/2023 09:52	KH
122-66-7	1,2-Diphenylhydrazine (as Azobenzene)	ND		ug/kg dry	44.8	89.3	2	EPA 8270D Certifications:	02/08/2023 08:08 NELAC-NY10854,NJDEP,PADEP	02/09/2023 09:52	KH
541-73-1	1,3-Dichlorobenzene	ND		ug/kg dry	44.8	89.3	2	EPA 8270D Certifications:	02/08/2023 08:08 NELAC-NY10854,PADEP	02/09/2023 09:52	KH
106-46-7	1,4-Dichlorobenzene	ND		ug/kg dry	44.8	89.3	2	EPA 8270D Certifications:	02/08/2023 08:08 NELAC-NY10854,PADEP	02/09/2023 09:52	KH
58-90-2	2,3,4,6-Tetrachlorophenol	ND		ug/kg dry	89.3	178	2	EPA 8270D Certifications:	02/08/2023 08:08 NELAC-NY10854,NJDEP,PADEP	02/09/2023 09:52	KH
95-95-4	2,4,5-Trichlorophenol	ND		ug/kg dry	44.8	89.3	2	EPA 8270D Certifications:	02/08/2023 08:08 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	02/09/2023 09:52	KH
88-06-2	2,4,6-Trichlorophenol	ND		ug/kg dry	44.8	89.3	2	EPA 8270D Certifications:	02/08/2023 08:08 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	02/09/2023 09:52	KH
120-83-2	2,4-Dichlorophenol	ND		ug/kg dry	44.8	89.3	2	EPA 8270D Certifications:	02/08/2023 08:08 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	02/09/2023 09:52	KH
105-67-9	2,4-Dimethylphenol	ND		ug/kg dry	44.8	89.3	2	EPA 8270D Certifications:	02/08/2023 08:08 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	02/09/2023 09:52	KH
51-28-5	2,4-Dinitrophenol	ND	CAL-E	ug/kg dry	89.3	178	2	EPA 8270D Certifications:	02/08/2023 08:08 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	02/09/2023 09:52	KH
121-14-2	2,4-Dinitrotoluene	ND		ug/kg dry	44.8	89.3	2	EPA 8270D Certifications:	02/08/2023 08:08 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	02/09/2023 09:52	KH
606-20-2	2,6-Dinitrotoluene	ND		ug/kg dry	44.8	89.3	2	EPA 8270D Certifications:	02/08/2023 08:08 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	02/09/2023 09:52	KH
91-58-7	2-Chloronaphthalene	ND		ug/kg dry	44.8	89.3	2	EPA 8270D Certifications:	02/08/2023 08:08 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	02/09/2023 09:52	KH
95-57-8	2-Chlorophenol	ND		ug/kg dry	44.8	89.3	2	EPA 8270D Certifications:	02/08/2023 08:08 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	02/09/2023 09:52	KH
91-57-6	2-Methylnaphthalene	ND		ug/kg dry	44.8	89.3	2	EPA 8270D Certifications:	02/08/2023 08:08 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	02/09/2023 09:52	KH
95-48-7	2-Methylphenol	ND		ug/kg dry	44.8	89.3	2	EPA 8270D Certifications:	02/08/2023 08:08 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	02/09/2023 09:52	KH

Sample Information

Client Sample ID: SB-7 (0-2 ft) **York Sample ID:** 23B0078-13

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23B0078	B 62nd Street	Soil	February 1, 2023 1:40 pm	02/02/2023

Semi-Volatiles, 8270 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
88-74-4	2-Nitroaniline	ND		ug/kg dry	89.3	178	2	EPA 8270D Certifications:	02/08/2023 08:08 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	02/09/2023 09:52	KH
88-75-5	2-Nitrophenol	ND		ug/kg dry	44.8	89.3	2	EPA 8270D Certifications:	02/08/2023 08:08 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	02/09/2023 09:52	KH
65794-96-9	3- & 4-Methylphenols	ND		ug/kg dry	44.8	89.3	2	EPA 8270D Certifications:	02/08/2023 08:08 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	02/09/2023 09:52	KH
91-94-1	3,3-Dichlorobenzidine	ND		ug/kg dry	44.8	89.3	2	EPA 8270D Certifications:	02/08/2023 08:08 NELAC-NY10854,NJDEP,PADEP	02/09/2023 09:52	KH
99-09-2	3-Nitroaniline	ND		ug/kg dry	89.3	178	2	EPA 8270D Certifications:	02/08/2023 08:08 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	02/09/2023 09:52	KH
534-52-1	4,6-Dinitro-2-methylphenol	ND	CAL-E	ug/kg dry	89.3	178	2	EPA 8270D Certifications:	02/08/2023 08:08 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	02/09/2023 09:52	KH
101-55-3	4-Bromophenyl phenyl ether	ND		ug/kg dry	44.8	89.3	2	EPA 8270D Certifications:	02/08/2023 08:08 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	02/09/2023 09:52	KH
59-50-7	4-Chloro-3-methylphenol	ND		ug/kg dry	44.8	89.3	2	EPA 8270D Certifications:	02/08/2023 08:08 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	02/09/2023 09:52	KH
106-47-8	4-Chloroaniline	ND		ug/kg dry	44.8	89.3	2	EPA 8270D Certifications:	02/08/2023 08:08 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	02/09/2023 09:52	KH
7005-72-3	4-Chlorophenyl phenyl ether	ND		ug/kg dry	44.8	89.3	2	EPA 8270D Certifications:	02/08/2023 08:08 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	02/09/2023 09:52	KH
100-01-6	4-Nitroaniline	ND		ug/kg dry	89.3	178	2	EPA 8270D Certifications:	02/08/2023 08:08 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	02/09/2023 09:52	KH
100-02-7	4-Nitrophenol	ND		ug/kg dry	89.3	178	2	EPA 8270D Certifications:	02/08/2023 08:08 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	02/09/2023 09:52	KH
83-32-9	Acenaphthene	ND		ug/kg dry	44.8	89.3	2	EPA 8270D Certifications:	02/08/2023 08:08 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	02/09/2023 09:52	KH
208-96-8	Acenaphthylene	ND		ug/kg dry	44.8	89.3	2	EPA 8270D Certifications:	02/08/2023 08:08 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	02/09/2023 09:52	KH
98-86-2	Acetophenone	ND		ug/kg dry	44.8	89.3	2	EPA 8270D Certifications:	02/08/2023 08:08 NELAC-NY10854,NJDEP,PADEP	02/09/2023 09:52	KH
62-53-3	Aniline	ND		ug/kg dry	179	358	2	EPA 8270D Certifications:	02/08/2023 08:08 NELAC-NY10854,NJDEP,PADEP	02/09/2023 09:52	KH
120-12-7	**Anthracene**	**65.0**	J	ug/kg dry	44.8	89.3	2	EPA 8270D Certifications:	02/08/2023 08:08 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	02/09/2023 09:52	KH
1912-24-9	Atrazine	ND		ug/kg dry	44.8	89.3	2	EPA 8270D Certifications:	02/08/2023 08:08 NELAC-NY10854,NJDEP,PADEP	02/09/2023 09:52	KH
100-52-7	Benzaldehyde	ND		ug/kg dry	44.8	89.3	2	EPA 8270D Certifications:	02/08/2023 08:08 NELAC-NY10854,NJDEP,PADEP	02/09/2023 09:52	KH
92-87-5	Benzidine	ND		ug/kg dry	179	358	2	EPA 8270D Certifications:	02/08/2023 08:08 CTDOH-PH-0723,NELAC-NY10854,PADEP	02/09/2023 09:52	KH
56-55-3	**Benzo(a)anthracene**	**296**		ug/kg dry	44.8	89.3	2	EPA 8270D Certifications:	02/08/2023 08:08 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	02/09/2023 09:52	KH
50-32-8	**Benzo(a)pyrene**	**289**		ug/kg dry	44.8	89.3	2	EPA 8270D Certifications:	02/08/2023 08:08 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	02/09/2023 09:52	KH
205-99-2	**Benzo(b)fluoranthene**	**270**		ug/kg dry	44.8	89.3	2	EPA 8270D Certifications:	02/08/2023 08:08 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	02/09/2023 09:52	KH

Sample Information

Client Sample ID: SB-7 (0-2 ft) **York Sample ID:** 23B0078-13

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23B0078	B 62nd Street	Soil	February 1, 2023 1:40 pm	02/02/2023

Semi-Volatiles, 8270 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
191-24-2	**Benzo(g,h,i)perylene**	**223**		ug/kg dry	44.8	89.3	2	EPA 8270D	02/08/2023 08:08	02/09/2023 09:52	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
207-08-9	**Benzo(k)fluoranthene**	**231**		ug/kg dry	44.8	89.3	2	EPA 8270D	02/08/2023 08:08	02/09/2023 09:52	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
65-85-0	Benzoic acid	ND	QL-02	ug/kg dry	44.8	89.3	2	EPA 8270D	02/08/2023 08:08	02/09/2023 09:52	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
100-51-6	Benzyl alcohol	ND		ug/kg dry	44.8	89.3	2	EPA 8270D	02/08/2023 08:08	02/09/2023 09:52	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
85-68-7	Benzyl butyl phthalate	ND		ug/kg dry	44.8	89.3	2	EPA 8270D	02/08/2023 08:08	02/09/2023 09:52	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
111-91-1	Bis(2-chloroethoxy)methane	ND		ug/kg dry	44.8	89.3	2	EPA 8270D	02/08/2023 08:08	02/09/2023 09:52	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
111-44-4	Bis(2-chloroethyl)ether	ND		ug/kg dry	44.8	89.3	2	EPA 8270D	02/08/2023 08:08	02/09/2023 09:52	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
108-60-1	Bis(2-chloroisopropyl)ether	ND		ug/kg dry	44.8	89.3	2	EPA 8270D	02/08/2023 08:08	02/09/2023 09:52	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
117-81-7	**Bis(2-ethylhexyl)phthalate**	**1270**		ug/kg dry	44.8	89.3	2	EPA 8270D	02/08/2023 08:08	02/09/2023 09:52	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
105-60-2	Caprolactam	ND		ug/kg dry	89.3	178	2	EPA 8270D	02/08/2023 08:08	02/09/2023 09:52	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
86-74-8	Carbazole	ND		ug/kg dry	44.8	89.3	2	EPA 8270D	02/08/2023 08:08	02/09/2023 09:52	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
218-01-9	**Chrysene**	**288**		ug/kg dry	44.8	89.3	2	EPA 8270D	02/08/2023 08:08	02/09/2023 09:52	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
53-70-3	**Dibenzo(a,h)anthracene**	**73.5**	J	ug/kg dry	44.8	89.3	2	EPA 8270D	02/08/2023 08:08	02/09/2023 09:52	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
132-64-9	Dibenzofuran	ND		ug/kg dry	44.8	89.3	2	EPA 8270D	02/08/2023 08:08	02/09/2023 09:52	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
84-66-2	Diethyl phthalate	ND		ug/kg dry	44.8	89.3	2	EPA 8270D	02/08/2023 08:08	02/09/2023 09:52	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
131-11-3	Dimethyl phthalate	ND		ug/kg dry	44.8	89.3	2	EPA 8270D	02/08/2023 08:08	02/09/2023 09:52	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
84-74-2	**Di-n-butyl phthalate**	**65.0**	J	ug/kg dry	44.8	89.3	2	EPA 8270D	02/08/2023 08:08	02/09/2023 09:52	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
117-84-0	Di-n-octyl phthalate	ND		ug/kg dry	44.8	89.3	2	EPA 8270D	02/08/2023 08:08	02/09/2023 09:52	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
122-39-4	* Diphenylamine	ND		ug/kg dry	89.3	178	2	EPA 8270D	02/08/2023 08:08	02/09/2023 09:52	KH
								Certifications:			
206-44-0	**Fluoranthene**	**462**		ug/kg dry	44.8	89.3	2	EPA 8270D	02/08/2023 08:08	02/09/2023 09:52	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
86-73-7	Fluorene	ND		ug/kg dry	44.8	89.3	2	EPA 8270D	02/08/2023 08:08	02/09/2023 09:52	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
118-74-1	Hexachlorobenzene	ND		ug/kg dry	44.8	89.3	2	EPA 8270D	02/08/2023 08:08	02/09/2023 09:52	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
87-68-3	Hexachlorobutadiene	ND		ug/kg dry	44.8	89.3	2	EPA 8270D	02/08/2023 08:08	02/09/2023 09:52	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		

Sample Information

Client Sample ID: SB-7 (0-2 ft) **York Sample ID:** 23B0078-13

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23B0078	B 62nd Street	Soil	February 1, 2023 1:40 pm	02/02/2023

Semi-Volatiles, 8270 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
77-47-4	Hexachlorocyclopentadiene	ND		ug/kg dry	44.8	89.3	2	EPA 8270D Certifications:	02/08/2023 08:08 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	02/09/2023 09:52	KH
67-72-1	Hexachloroethane	ND		ug/kg dry	44.8	89.3	2	EPA 8270D Certifications:	02/08/2023 08:08 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	02/09/2023 09:52	KH
193-39-5	**Indeno(1,2,3-cd)pyrene**	**223**		ug/kg dry	44.8	89.3	2	EPA 8270D Certifications:	02/08/2023 08:08 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	02/09/2023 09:52	KH
78-59-1	Isophorone	ND		ug/kg dry	44.8	89.3	2	EPA 8270D Certifications:	02/08/2023 08:08 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	02/09/2023 09:52	KH
91-20-3	Naphthalene	ND		ug/kg dry	44.8	89.3	2	EPA 8270D Certifications:	02/08/2023 08:08 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	02/09/2023 09:52	KH
98-95-3	Nitrobenzene	ND		ug/kg dry	44.8	89.3	2	EPA 8270D Certifications:	02/08/2023 08:08 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	02/09/2023 09:52	KH
62-75-9	N-Nitrosodimethylamine	ND	CCVE	ug/kg dry	44.8	89.3	2	EPA 8270D Certifications:	02/08/2023 08:08 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	02/09/2023 09:52	KH
621-64-7	N-nitroso-di-n-propylamine	ND		ug/kg dry	44.8	89.3	2	EPA 8270D Certifications:	02/08/2023 08:08 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	02/09/2023 09:52	KH
86-30-6	N-Nitrosodiphenylamine	ND		ug/kg dry	44.8	89.3	2	EPA 8270D Certifications:	02/08/2023 08:08 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	02/09/2023 09:52	KH
87-86-5	Pentachlorophenol	ND	CAL-E	ug/kg dry	44.8	89.3	2	EPA 8270D Certifications:	02/08/2023 08:08 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	02/09/2023 09:52	KH
85-01-8	**Phenanthrene**	**236**		ug/kg dry	44.8	89.3	2	EPA 8270D Certifications:	02/08/2023 08:08 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	02/09/2023 09:52	KH
108-95-2	Phenol	ND		ug/kg dry	44.8	89.3	2	EPA 8270D Certifications:	02/08/2023 08:08 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	02/09/2023 09:52	KH
129-00-0	**Pyrene**	**505**		ug/kg dry	44.8	89.3	2	EPA 8270D Certifications:	02/08/2023 08:08 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	02/09/2023 09:52	KH

	Surrogate Recoveries	Result	Acceptance Range
367-12-4	*Surrogate: SURR: 2-Fluorophenol*	*69.4 %*	*20-108*
13127-88-3	*Surrogate: SURR: Phenol-d6*	*66.9 %*	*23-114*
4165-60-0	*Surrogate: SURR: Nitrobenzene-d5*	*76.9 %*	*22-108*
321-60-8	*Surrogate: SURR: 2-Fluorobiphenyl*	*72.2 %*	*21-113*
118-79-6	*Surrogate: SURR: 2,4,6-Tribromophenol*	*97.6 %*	*19-110*
1718-51-0	*Surrogate: SURR: Terphenyl-d14*	*92.6 %*	*24-116*

Pesticides, 8081 target list

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
72-54-8	4,4'-DDD	ND		ug/kg dry	1.80	5	EPA 8081B Certifications:	02/06/2023 08:07 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	02/10/2023 05:36	BJ-
72-55-9	**4,4'-DDE**	**3.86**		ug/kg dry	1.80	5	EPA 8081B Certifications:	02/06/2023 08:07 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	02/10/2023 05:36	BJ-

Sample Information

Client Sample ID: SB-7 (0-2 ft) **York Sample ID:** 23B0078-13

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23B0078	B 62nd Street	Soil	February 1, 2023 1:40 pm	02/02/2023

Pesticides, 8081 target list

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
50-29-3	**4,4'-DDT**	**6.19**		ug/kg dry	1.80	5	EPA 8081B	02/06/2023 08:07	02/10/2023 05:36	BJ-
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
309-00-2	Aldrin	ND		ug/kg dry	1.80	5	EPA 8081B	02/06/2023 08:07	02/10/2023 05:36	BJ-
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
319-84-6	alpha-BHC	ND		ug/kg dry	1.80	5	EPA 8081B	02/06/2023 08:07	02/10/2023 05:36	BJ-
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
319-85-7	beta-BHC	ND		ug/kg dry	1.80	5	EPA 8081B	02/06/2023 08:07	02/10/2023 05:36	BJ-
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
12789-03-6	Chlordane, total	ND		ug/kg dry	35.9	5	EPA 8081B	02/06/2023 08:07	02/10/2023 05:36	BJ-
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
319-86-8	delta-BHC	ND		ug/kg dry	1.80	5	EPA 8081B	02/06/2023 08:07	02/10/2023 05:36	BJ-
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
60-57-1	**Dieldrin**	**3.65**		ug/kg dry	1.80	5	EPA 8081B	02/06/2023 08:07	02/10/2023 05:36	BJ-
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
959-98-8	Endosulfan I	ND		ug/kg dry	1.80	5	EPA 8081B	02/06/2023 08:07	02/10/2023 05:36	BJ-
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
33213-65-9	Endosulfan II	ND		ug/kg dry	1.80	5	EPA 8081B	02/06/2023 08:07	02/10/2023 05:36	BJ-
							Certifications:	CTDOH-PH-0723,NELAC-NY10854		
1031-07-8	Endosulfan sulfate	ND		ug/kg dry	1.80	5	EPA 8081B	02/06/2023 08:07	02/10/2023 05:36	BJ-
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
72-20-8	Endrin	ND		ug/kg dry	1.80	5	EPA 8081B	02/06/2023 08:07	02/10/2023 05:36	BJ-
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7421-93-4	Endrin aldehyde	ND		ug/kg dry	1.80	5	EPA 8081B	02/06/2023 08:07	02/10/2023 05:36	BJ-
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
53494-70-5	Endrin ketone	ND		ug/kg dry	1.80	5	EPA 8081B	02/06/2023 08:07	02/10/2023 05:36	BJ-
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
58-89-9	gamma-BHC (Lindane)	ND		ug/kg dry	1.80	5	EPA 8081B	02/06/2023 08:07	02/10/2023 05:36	BJ-
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
76-44-8	Heptachlor	ND		ug/kg dry	1.80	5	EPA 8081B	02/06/2023 08:07	02/10/2023 05:36	BJ-
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
1024-57-3	**Heptachlor epoxide**	**3.33**	P	ug/kg dry	1.80	5	EPA 8081B	02/06/2023 08:07	02/10/2023 05:36	BJ-
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
72-43-5	Methoxychlor	ND		ug/kg dry	8.98	5	EPA 8081B	02/06/2023 08:07	02/10/2023 05:36	BJ-
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
8001-35-2	Toxaphene	ND		ug/kg dry	90.9	5	EPA 8081B	02/06/2023 08:07	02/10/2023 05:36	BJ-
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		

	Surrogate Recoveries	Result	Acceptance Range
2051-24-3	*Surrogate: Decachlorobiphenyl*	*66.9 %*	*30-150*
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*65.1 %*	*30-150*

Polychlorinated Biphenyls (PCB)

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst

Sample Information

Client Sample ID: SB-7 (0-2 ft) **York Sample ID:** 23B0078-13

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23B0078	B 62nd Street	Soil	February 1, 2023 1:40 pm	02/02/2023

Polychlorinated Biphenyls (PCB)

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
12674-11-2	Aroclor 1016	ND		mg/kg dry	0.0181	1	EPA 8082A Certifications:	02/06/2023 08:07 NELAC-NY10854,CTDOH-PH-0723,NJDEP,PADEP	02/10/2023 08:06	BJ
11104-28-2	Aroclor 1221	ND		mg/kg dry	0.0181	1	EPA 8082A Certifications:	02/06/2023 08:07 NELAC-NY10854,CTDOH-PH-0723,NJDEP,PADEP	02/10/2023 08:06	BJ
11141-16-5	Aroclor 1232	ND		mg/kg dry	0.0181	1	EPA 8082A Certifications:	02/06/2023 08:07 NELAC-NY10854,CTDOH-PH-0723,NJDEP,PADEP	02/10/2023 08:06	BJ
53469-21-9	Aroclor 1242	ND		mg/kg dry	0.0181	1	EPA 8082A Certifications:	02/06/2023 08:07 NELAC-NY10854,CTDOH-PH-0723,NJDEP,PADEP	02/10/2023 08:06	BJ
12672-29-6	Aroclor 1248	ND		mg/kg dry	0.0181	1	EPA 8082A Certifications:	02/06/2023 08:07 NELAC-NY10854,CTDOH-PH-0723,NJDEP,PADEP	02/10/2023 08:06	BJ
11097-69-1	**Aroclor 1254**	**0.0823**		mg/kg dry	0.0181	1	EPA 8082A Certifications:	02/06/2023 08:07 NELAC-NY10854,CTDOH-PH-0723,NJDEP,PADEP	02/10/2023 08:06	BJ
11096-82-5	**Aroclor 1260**	**0.0293**		mg/kg dry	0.0181	1	EPA 8082A Certifications:	02/06/2023 08:07 NELAC-NY10854,CTDOH-PH-0723,NJDEP,PADEP	02/10/2023 08:06	BJ
1336-36-3	*** Total PCBs**	**0.112**		mg/kg dry	0.0181	1	EPA 8082A Certifications:	02/06/2023 08:07	02/10/2023 08:06	BJ

	Surrogate Recoveries	Result	Acceptance Range
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*71.0 %*	*30-140*
2051-24-3	*Surrogate: Decachlorobiphenyl*	*72.0 %*	*30-140*

Metals, Target Analyte

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7429-90-5	**Aluminum**	**2360**		mg/kg dry	4.55	1	EPA 6010D Certifications:	02/09/2023 13:35 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	02/10/2023 17:01	CW
7440-36-0	Antimony	ND	M-CCV 1	mg/kg dry	2.28	1	EPA 6010D Certifications:	02/09/2023 13:35 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	02/10/2023 17:01	CW
7440-38-2	**Arsenic**	**2.08**		mg/kg dry	1.37	1	EPA 6010D Certifications:	02/09/2023 13:35 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	02/10/2023 17:01	CW
7440-39-3	**Barium**	**56.9**		mg/kg dry	2.27	1	EPA 6010D Certifications:	02/09/2023 13:35 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	02/10/2023 17:01	CW
7440-41-7	**Beryllium**	**0.216**		mg/kg dry	0.046	1	EPA 6010D Certifications:	02/09/2023 13:35 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	02/10/2023 17:01	CW
7440-43-9	**Cadmium**	**0.357**		mg/kg dry	0.273	1	EPA 6010D Certifications:	02/09/2023 13:35 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	02/10/2023 17:01	CW
7440-70-2	**Calcium**	**4770**		mg/kg dry	4.55	1	EPA 6010D Certifications:	02/09/2023 13:35 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	02/10/2023 17:01	CW
7440-47-3	**Chromium**	**8.17**		mg/kg dry	0.455	1	EPA 6010D Certifications:	02/09/2023 13:35 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	02/10/2023 17:01	CW
7440-48-4	**Cobalt**	**2.37**		mg/kg dry	0.364	1	EPA 6010D Certifications:	02/09/2023 13:35 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	02/10/2023 17:01	CW

Sample Information

Client Sample ID: SB-7 (0-2 ft) **York Sample ID:** 23B0078-13

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23B0078	B 62nd Street	Soil	February 1, 2023 1:40 pm	02/02/2023

Metals, Target Analyte

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-50-8	**Copper**	**27.5**		mg/kg dry	1.82	1	EPA 6010D	02/09/2023 13:35	02/10/2023 17:01	CW
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7439-89-6	**Iron**	**7210**		mg/kg dry	22.8	1	EPA 6010D	02/09/2023 13:35	02/10/2023 17:01	CW
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7439-92-1	**Lead**	**104**		mg/kg dry	0.455	1	EPA 6010D	02/09/2023 13:35	02/10/2023 17:01	CW
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7439-95-4	**Magnesium**	**1470**		mg/kg dry	4.55	1	EPA 6010D	02/09/2023 13:35	02/10/2023 17:01	CW
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7439-96-5	**Manganese**	**83.7**		mg/kg dry	0.455	1	EPA 6010D	02/09/2023 13:35	02/10/2023 17:01	CW
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7440-02-0	**Nickel**	**9.11**		mg/kg dry	0.907	1	EPA 6010D	02/09/2023 13:35	02/10/2023 17:01	CW
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7440-09-7	**Potassium**	**402**	B	mg/kg dry	4.55	1	EPA 6010D	02/09/2023 13:35	02/10/2023 17:01	CW
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7782-49-2	Selenium	ND		mg/kg dry	2.28	1	EPA 6010D	02/09/2023 13:35	02/10/2023 17:01	CW
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7440-22-4	Silver	ND		mg/kg dry	0.459	1	EPA 6010D	02/09/2023 13:35	02/10/2023 17:01	CW
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7440-23-5	**Sodium**	**66.6**		mg/kg dry	45.5	1	EPA 6010D	02/09/2023 13:35	02/10/2023 17:01	CW
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7440-28-0	Thallium	ND		mg/kg dry	2.28	1	EPA 6010D	02/09/2023 13:35	02/10/2023 17:01	CW
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7440-62-2	**Vanadium**	**10.0**		mg/kg dry	0.907	1	EPA 6010D	02/09/2023 13:35	02/10/2023 17:01	CW
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7440-66-6	**Zinc**	**160**		mg/kg dry	2.27	1	EPA 6010D	02/09/2023 13:35	02/10/2023 17:01	CW
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		

Mercury by 7473

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 7473 soil

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	**Mercury**	**0.0895**		mg/kg dry	0.0328	1	EPA 7473	02/07/2023 11:17	02/07/2023 16:08	PDL
							Certifications:	CTDOH-PH-0723,NJDEP,NELAC-NY10854,PADEP		

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**	**91.5**		%	0.100	1	SM 2540G	02/07/2023 07:41	02/07/2023 12:53	sgs
							Certifications:	CTDOH-PH-0723		

Sample Information

Client Sample ID: SB-7 (3-5 ft) **York Sample ID:** 23B0078-14

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23B0078	B 62nd Street	Soil	February 1, 2023 1:50 pm	02/02/2023

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	5.7	1	EPA 8260C Certifications:	02/03/2023 09:00	02/03/2023 21:06 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	FTR
71-55-6	1,1,1-Trichloroethane	ND		ug/kg dry	2.9	5.7	1	EPA 8260C Certifications:	02/03/2023 09:00	02/03/2023 21:06 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	FTR
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/kg dry	2.9	5.7	1	EPA 8260C Certifications:	02/03/2023 09:00	02/03/2023 21:06 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	FTR
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/kg dry	2.9	5.7	1	EPA 8260C Certifications:	02/03/2023 09:00	02/03/2023 21:06 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP	FTR
79-00-5	1,1,2-Trichloroethane	ND		ug/kg dry	2.9	5.7	1	EPA 8260C Certifications:	02/03/2023 09:00	02/03/2023 21:06 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	FTR
75-34-3	1,1-Dichloroethane	ND		ug/kg dry	2.9	5.7	1	EPA 8260C Certifications:	02/03/2023 09:00	02/03/2023 21:06 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	FTR
75-35-4	1,1-Dichloroethylene	ND		ug/kg dry	2.9	5.7	1	EPA 8260C Certifications:	02/03/2023 09:00	02/03/2023 21:06 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	FTR
87-61-6	1,2,3-Trichlorobenzene	ND		ug/kg dry	2.9	5.7	1	EPA 8260C Certifications:	02/03/2023 09:00	02/03/2023 21:06 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	FTR
96-18-4	1,2,3-Trichloropropane	ND		ug/kg dry	2.9	5.7	1	EPA 8260C Certifications:	02/03/2023 09:00	02/03/2023 21:06 NELAC-NY10854,NELAC-NY12058,NJDEP	FTR
120-82-1	1,2,4-Trichlorobenzene	ND		ug/kg dry	2.9	5.7	1	EPA 8260C Certifications:	02/03/2023 09:00	02/03/2023 21:06 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	FTR
95-63-6	1,2,4-Trimethylbenzene	ND		ug/kg dry	2.9	5.7	1	EPA 8260C Certifications:	02/03/2023 09:00	02/03/2023 21:06 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	FTR
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/kg dry	2.9	5.7	1	EPA 8260C Certifications:	02/03/2023 09:00	02/03/2023 21:06 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	FTR
106-93-4	1,2-Dibromoethane	ND		ug/kg dry	2.9	5.7	1	EPA 8260C Certifications:	02/03/2023 09:00	02/03/2023 21:06 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	FTR
95-50-1	1,2-Dichlorobenzene	ND		ug/kg dry	2.9	5.7	1	EPA 8260C Certifications:	02/03/2023 09:00	02/03/2023 21:06 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	FTR
107-06-2	1,2-Dichloroethane	ND		ug/kg dry	2.9	5.7	1	EPA 8260C Certifications:	02/03/2023 09:00	02/03/2023 21:06 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	FTR
78-87-5	1,2-Dichloropropane	ND		ug/kg dry	2.9	5.7	1	EPA 8260C Certifications:	02/03/2023 09:00	02/03/2023 21:06 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	FTR
108-67-8	1,3,5-Trimethylbenzene	ND		ug/kg dry	2.9	5.7	1	EPA 8260C Certifications:	02/03/2023 09:00	02/03/2023 21:06 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	FTR
541-73-1	1,3-Dichlorobenzene	ND		ug/kg dry	2.9	5.7	1	EPA 8260C Certifications:	02/03/2023 09:00	02/03/2023 21:06 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	FTR
106-46-7	1,4-Dichlorobenzene	ND		ug/kg dry	2.9	5.7	1	EPA 8260C Certifications:	02/03/2023 09:00	02/03/2023 21:06 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	FTR
123-91-1	1,4-Dioxane	ND		ug/kg dry	57	110	1	EPA 8260C Certifications:	02/03/2023 09:00	02/03/2023 21:06 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	FTR
78-93-3	2-Butanone	ND		ug/kg dry	2.9	5.7	1	EPA 8260C Certifications:	02/03/2023 09:00	02/03/2023 21:06 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	FTR
591-78-6	2-Hexanone	ND		ug/kg dry	2.9	5.7	1	EPA 8260C Certifications:	02/03/2023 09:00	02/03/2023 21:06 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	FTR
108-10-1	4-Methyl-2-pentanone	ND		ug/kg dry	2.9	5.7	1	EPA 8260C Certifications:	02/03/2023 09:00	02/03/2023 21:06 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	FTR

Sample Information

Client Sample ID: SB-7 (3-5 ft) **York Sample ID:** 23B0078-14

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23B0078	B 62nd Street	Soil	February 1, 2023 1:50 pm	02/02/2023

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
67-64-1	Acetone	ND		ug/kg dry	5.7	11	1	EPA 8260C Certifications:	02/03/2023 09:00	02/03/2023 21:06	FTR CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
107-02-8	Acrolein	ND		ug/kg dry	5.7	11	1	EPA 8260C Certifications:	02/03/2023 09:00	02/03/2023 21:06	FTR CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
107-13-1	Acrylonitrile	ND		ug/kg dry	2.9	5.7	1	EPA 8260C Certifications:	02/03/2023 09:00	02/03/2023 21:06	FTR CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
71-43-2	Benzene	ND		ug/kg dry	2.9	5.7	1	EPA 8260C Certifications:	02/03/2023 09:00	02/03/2023 21:06	FTR CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
74-97-5	Bromochloromethane	ND		ug/kg dry	2.9	5.7	1	EPA 8260C Certifications:	02/03/2023 09:00	02/03/2023 21:06	FTR NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
75-27-4	Bromodichloromethane	ND		ug/kg dry	2.9	5.7	1	EPA 8260C Certifications:	02/03/2023 09:00	02/03/2023 21:06	FTR CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
75-25-2	Bromoform	ND		ug/kg dry	2.9	5.7	1	EPA 8260C Certifications:	02/03/2023 09:00	02/03/2023 21:06	FTR CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
74-83-9	Bromomethane	ND		ug/kg dry	2.9	5.7	1	EPA 8260C Certifications:	02/03/2023 09:00	02/03/2023 21:06	FTR CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
75-15-0	Carbon disulfide	ND		ug/kg dry	2.9	5.7	1	EPA 8260C Certifications:	02/03/2023 09:00	02/03/2023 21:06	FTR CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
56-23-5	Carbon tetrachloride	ND		ug/kg dry	2.9	5.7	1	EPA 8260C Certifications:	02/03/2023 09:00	02/03/2023 21:06	FTR CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
108-90-7	Chlorobenzene	ND		ug/kg dry	2.9	5.7	1	EPA 8260C Certifications:	02/03/2023 09:00	02/03/2023 21:06	FTR CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
75-00-3	Chloroethane	ND		ug/kg dry	2.9	5.7	1	EPA 8260C Certifications:	02/03/2023 09:00	02/03/2023 21:06	FTR CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
67-66-3	Chloroform	ND		ug/kg dry	2.9	5.7	1	EPA 8260C Certifications:	02/03/2023 09:00	02/03/2023 21:06	FTR CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
74-87-3	Chloromethane	ND		ug/kg dry	2.9	5.7	1	EPA 8260C Certifications:	02/03/2023 09:00	02/03/2023 21:06	FTR CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
156-59-2	cis-1,2-Dichloroethylene	ND		ug/kg dry	2.9	5.7	1	EPA 8260C Certifications:	02/03/2023 09:00	02/03/2023 21:06	FTR CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/kg dry	2.9	5.7	1	EPA 8260C Certifications:	02/03/2023 09:00	02/03/2023 21:06	FTR CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
110-82-7	Cyclohexane	ND		ug/kg dry	2.9	5.7	1	EPA 8260C Certifications:	02/03/2023 09:00	02/03/2023 21:06	FTR NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
124-48-1	Dibromochloromethane	ND		ug/kg dry	2.9	5.7	1	EPA 8260C Certifications:	02/03/2023 09:00	02/03/2023 21:06	FTR NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
74-95-3	Dibromomethane	ND		ug/kg dry	2.9	5.7	1	EPA 8260C Certifications:	02/03/2023 09:00	02/03/2023 21:06	FTR NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
75-71-8	Dichlorodifluoromethane	ND		ug/kg dry	2.9	5.7	1	EPA 8260C Certifications:	02/03/2023 09:00	02/03/2023 21:06	FTR NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
100-41-4	Ethyl Benzene	ND		ug/kg dry	2.9	5.7	1	EPA 8260C Certifications:	02/03/2023 09:00	02/03/2023 21:06	FTR CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
87-68-3	Hexachlorobutadiene	ND		ug/kg dry	2.9	5.7	1	EPA 8260C Certifications:	02/03/2023 09:00	02/03/2023 21:06	FTR NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
98-82-8	Isopropylbenzene	ND		ug/kg dry	2.9	5.7	1	EPA 8260C Certifications:	02/03/2023 09:00	02/03/2023 21:06	FTR CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI

Sample Information

Client Sample ID: SB-7 (3-5 ft) **York Sample ID:** 23B0078-14

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23B0078	B 62nd Street	Soil	February 1, 2023 1:50 pm	02/02/2023

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
79-20-9	Methyl acetate	ND		ug/kg dry	2.9	5.7	1	EPA 8260C Certifications:	02/03/2023 09:00 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	02/03/2023 21:06	FTR
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/kg dry	2.9	5.7	1	EPA 8260C Certifications:	02/03/2023 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	02/03/2023 21:06	FTR
108-87-2	Methylcyclohexane	ND		ug/kg dry	2.9	5.7	1	EPA 8260C Certifications:	02/03/2023 09:00 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	02/03/2023 21:06	FTR
75-09-2	Methylene chloride	ND		ug/kg dry	5.7	11	1	EPA 8260C Certifications:	02/03/2023 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	02/03/2023 21:06	FTR
104-51-8	n-Butylbenzene	ND		ug/kg dry	2.9	5.7	1	EPA 8260C Certifications:	02/03/2023 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	02/03/2023 21:06	FTR
103-65-1	n-Propylbenzene	ND		ug/kg dry	2.9	5.7	1	EPA 8260C Certifications:	02/03/2023 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	02/03/2023 21:06	FTR
95-47-6	o-Xylene	ND		ug/kg dry	2.9	5.7	1	EPA 8260C Certifications:	02/03/2023 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP	02/03/2023 21:06	FTR
179601-23-1	p- & m- Xylenes	ND		ug/kg dry	5.7	11	1	EPA 8260C Certifications:	02/03/2023 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP	02/03/2023 21:06	FTR
99-87-6	p-Isopropyltoluene	ND		ug/kg dry	2.9	5.7	1	EPA 8260C Certifications:	02/03/2023 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	02/03/2023 21:06	FTR
135-98-8	sec-Butylbenzene	ND		ug/kg dry	2.9	5.7	1	EPA 8260C Certifications:	02/03/2023 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	02/03/2023 21:06	FTR
100-42-5	Styrene	ND		ug/kg dry	2.9	5.7	1	EPA 8260C Certifications:	02/03/2023 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	02/03/2023 21:06	FTR
75-65-0	tert-Butyl alcohol (TBA)	ND		ug/kg dry	2.9	5.7	1	EPA 8260C Certifications:	02/03/2023 09:00 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	02/03/2023 21:06	FTR
98-06-6	tert-Butylbenzene	ND		ug/kg dry	2.9	5.7	1	EPA 8260C Certifications:	02/03/2023 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	02/03/2023 21:06	FTR
127-18-4	Tetrachloroethylene	ND		ug/kg dry	2.9	5.7	1	EPA 8260C Certifications:	02/03/2023 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	02/03/2023 21:06	FTR
108-88-3	Toluene	ND		ug/kg dry	2.9	5.7	1	EPA 8260C Certifications:	02/03/2023 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	02/03/2023 21:06	FTR
156-60-5	trans-1,2-Dichloroethylene	ND		ug/kg dry	2.9	5.7	1	EPA 8260C Certifications:	02/03/2023 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	02/03/2023 21:06	FTR
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/kg dry	2.9	5.7	1	EPA 8260C Certifications:	02/03/2023 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	02/03/2023 21:06	FTR
110-57-6	* trans-1,4-dichloro-2-butene	ND		ug/kg dry	2.9	5.7	1	EPA 8260C Certifications:	02/03/2023 09:00 CTDOH-PH-0723	02/03/2023 21:06	FTR
79-01-6	Trichloroethylene	ND		ug/kg dry	2.9	5.7	1	EPA 8260C Certifications:	02/03/2023 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	02/03/2023 21:06	FTR
75-69-4	Trichlorofluoromethane	ND	CAL-E	ug/kg dry	2.9	5.7	1	EPA 8260C Certifications:	02/03/2023 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	02/03/2023 21:06	FTR
75-01-4	Vinyl Chloride	ND		ug/kg dry	2.9	5.7	1	EPA 8260C Certifications:	02/03/2023 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	02/03/2023 21:06	FTR
1330-20-7	Xylenes, Total	ND		ug/kg dry	8.6	17	1	EPA 8260C Certifications:	02/03/2023 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP	02/03/2023 21:06	FTR

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: SURR: 1,2-Dichloroethane-d4*	*103 %*	*77-125*

Sample Information

Client Sample ID: SB-7 (3-5 ft) **York Sample ID:** 23B0078-14

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23B0078	B 62nd Street	Soil	February 1, 2023 1:50 pm	02/02/2023

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
2037-26-5	*Surrogate: SURR: Toluene-d8*	*99.5 %*			*85-120*						
460-00-4	*Surrogate: SURR: p-Bromofluorobenzene*	*109 %*			*76-130*						

Semi-Volatiles, 8270 - Comprehensive

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

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
92-52-4	1,1-Biphenyl	ND		ug/kg dry	53.9	108	2	EPA 8270D Certifications:	02/08/2023 08:08 NELAC-NY10854,NJDEP,PADEP	02/09/2023 10:24	KH
95-94-3	1,2,4,5-Tetrachlorobenzene	ND		ug/kg dry	108	215	2	EPA 8270D Certifications:	02/08/2023 08:08 NELAC-NY10854,NJDEP,PADEP	02/09/2023 10:24	KH
120-82-1	1,2,4-Trichlorobenzene	ND		ug/kg dry	53.9	108	2	EPA 8270D Certifications:	02/08/2023 08:08 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	02/09/2023 10:24	KH
95-50-1	1,2-Dichlorobenzene	ND		ug/kg dry	53.9	108	2	EPA 8270D Certifications:	02/08/2023 08:08 NELAC-NY10854,PADEP	02/09/2023 10:24	KH
122-66-7	1,2-Diphenylhydrazine (as Azobenzene)	ND		ug/kg dry	53.9	108	2	EPA 8270D Certifications:	02/08/2023 08:08 NELAC-NY10854,NJDEP,PADEP	02/09/2023 10:24	KH
541-73-1	1,3-Dichlorobenzene	ND		ug/kg dry	53.9	108	2	EPA 8270D Certifications:	02/08/2023 08:08 NELAC-NY10854,PADEP	02/09/2023 10:24	KH
106-46-7	1,4-Dichlorobenzene	ND		ug/kg dry	53.9	108	2	EPA 8270D Certifications:	02/08/2023 08:08 NELAC-NY10854,PADEP	02/09/2023 10:24	KH
58-90-2	2,3,4,6-Tetrachlorophenol	ND		ug/kg dry	108	215	2	EPA 8270D Certifications:	02/08/2023 08:08 NELAC-NY10854,NJDEP,PADEP	02/09/2023 10:24	KH
95-95-4	2,4,5-Trichlorophenol	ND		ug/kg dry	53.9	108	2	EPA 8270D Certifications:	02/08/2023 08:08 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	02/09/2023 10:24	KH
88-06-2	2,4,6-Trichlorophenol	ND		ug/kg dry	53.9	108	2	EPA 8270D Certifications:	02/08/2023 08:08 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	02/09/2023 10:24	KH
120-83-2	2,4-Dichlorophenol	ND		ug/kg dry	53.9	108	2	EPA 8270D Certifications:	02/08/2023 08:08 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	02/09/2023 10:24	KH
105-67-9	2,4-Dimethylphenol	ND		ug/kg dry	53.9	108	2	EPA 8270D Certifications:	02/08/2023 08:08 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	02/09/2023 10:24	KH
51-28-5	2,4-Dinitrophenol	ND	CAL-E	ug/kg dry	108	215	2	EPA 8270D Certifications:	02/08/2023 08:08 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	02/09/2023 10:24	KH
121-14-2	2,4-Dinitrotoluene	ND		ug/kg dry	53.9	108	2	EPA 8270D Certifications:	02/08/2023 08:08 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	02/09/2023 10:24	KH
606-20-2	2,6-Dinitrotoluene	ND		ug/kg dry	53.9	108	2	EPA 8270D Certifications:	02/08/2023 08:08 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	02/09/2023 10:24	KH
91-58-7	2-Chloronaphthalene	ND		ug/kg dry	53.9	108	2	EPA 8270D Certifications:	02/08/2023 08:08 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	02/09/2023 10:24	KH
95-57-8	2-Chlorophenol	ND		ug/kg dry	53.9	108	2	EPA 8270D Certifications:	02/08/2023 08:08 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	02/09/2023 10:24	KH
91-57-6	**2-Methylnaphthalene**	**79.1**	J	ug/kg dry	53.9	108	2	EPA 8270D Certifications:	02/08/2023 08:08 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	02/09/2023 10:24	KH
95-48-7	2-Methylphenol	ND		ug/kg dry	53.9	108	2	EPA 8270D Certifications:	02/08/2023 08:08 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	02/09/2023 10:24	KH

Sample Information

Client Sample ID: SB-7 (3-5 ft) **York Sample ID:** 23B0078-14

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23B0078	B 62nd Street	Soil	February 1, 2023 1:50 pm	02/02/2023

Semi-Volatiles, 8270 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
88-74-4	2-Nitroaniline	ND		ug/kg dry	108	215	2	EPA 8270D Certifications:	02/08/2023 08:08 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	02/09/2023 10:24	KH
88-75-5	2-Nitrophenol	ND		ug/kg dry	53.9	108	2	EPA 8270D Certifications:	02/08/2023 08:08 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	02/09/2023 10:24	KH
65794-96-9	3- & 4-Methylphenols	ND		ug/kg dry	53.9	108	2	EPA 8270D Certifications:	02/08/2023 08:08 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	02/09/2023 10:24	KH
91-94-1	3,3-Dichlorobenzidine	ND		ug/kg dry	53.9	108	2	EPA 8270D Certifications:	02/08/2023 08:08 NELAC-NY10854,NJDEP,PADEP	02/09/2023 10:24	KH
99-09-2	3-Nitroaniline	ND		ug/kg dry	108	215	2	EPA 8270D Certifications:	02/08/2023 08:08 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	02/09/2023 10:24	KH
534-52-1	4,6-Dinitro-2-methylphenol	ND	CAL-E	ug/kg dry	108	215	2	EPA 8270D Certifications:	02/08/2023 08:08 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	02/09/2023 10:24	KH
101-55-3	4-Bromophenyl phenyl ether	ND		ug/kg dry	53.9	108	2	EPA 8270D Certifications:	02/08/2023 08:08 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	02/09/2023 10:24	KH
59-50-7	4-Chloro-3-methylphenol	ND		ug/kg dry	53.9	108	2	EPA 8270D Certifications:	02/08/2023 08:08 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	02/09/2023 10:24	KH
106-47-8	4-Chloroaniline	ND		ug/kg dry	53.9	108	2	EPA 8270D Certifications:	02/08/2023 08:08 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	02/09/2023 10:24	KH
7005-72-3	4-Chlorophenyl phenyl ether	ND		ug/kg dry	53.9	108	2	EPA 8270D Certifications:	02/08/2023 08:08 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	02/09/2023 10:24	KH
100-01-6	4-Nitroaniline	ND		ug/kg dry	108	215	2	EPA 8270D Certifications:	02/08/2023 08:08 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	02/09/2023 10:24	KH
100-02-7	4-Nitrophenol	ND		ug/kg dry	108	215	2	EPA 8270D Certifications:	02/08/2023 08:08 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	02/09/2023 10:24	KH
83-32-9	**Acenaphthene**	**245**		ug/kg dry	53.9	108	2	EPA 8270D Certifications:	02/08/2023 08:08 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	02/09/2023 10:24	KH
208-96-8	**Acenaphthylene**	**278**		ug/kg dry	53.9	108	2	EPA 8270D Certifications:	02/08/2023 08:08 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	02/09/2023 10:24	KH
98-86-2	Acetophenone	ND		ug/kg dry	53.9	108	2	EPA 8270D Certifications:	02/08/2023 08:08 NELAC-NY10854,NJDEP,PADEP	02/09/2023 10:24	KH
62-53-3	Aniline	ND		ug/kg dry	215	431	2	EPA 8270D Certifications:	02/08/2023 08:08 NELAC-NY10854,NJDEP,PADEP	02/09/2023 10:24	KH
120-12-7	**Anthracene**	**683**		ug/kg dry	53.9	108	2	EPA 8270D Certifications:	02/08/2023 08:08 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	02/09/2023 10:24	KH
1912-24-9	Atrazine	ND		ug/kg dry	53.9	108	2	EPA 8270D Certifications:	02/08/2023 08:08 NELAC-NY10854,NJDEP,PADEP	02/09/2023 10:24	KH
100-52-7	Benzaldehyde	ND		ug/kg dry	53.9	108	2	EPA 8270D Certifications:	02/08/2023 08:08 NELAC-NY10854,NJDEP,PADEP	02/09/2023 10:24	KH
92-87-5	Benzidine	ND		ug/kg dry	215	431	2	EPA 8270D Certifications:	02/08/2023 08:08 CTDOH-PH-0723,NELAC-NY10854,PADEP	02/09/2023 10:24	KH
56-55-3	**Benzo(a)anthracene**	**1850**		ug/kg dry	53.9	108	2	EPA 8270D Certifications:	02/08/2023 08:08 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	02/09/2023 10:24	KH
50-32-8	**Benzo(a)pyrene**	**2000**		ug/kg dry	53.9	108	2	EPA 8270D Certifications:	02/08/2023 08:08 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	02/09/2023 10:24	KH
205-99-2	**Benzo(b)fluoranthene**	**1590**		ug/kg dry	53.9	108	2	EPA 8270D Certifications:	02/08/2023 08:08 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	02/09/2023 10:24	KH

Sample Information

Client Sample ID: SB-7 (3-5 ft) **York Sample ID:** 23B0078-14

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23B0078	B 62nd Street	Soil	February 1, 2023 1:50 pm	02/02/2023

Semi-Volatiles, 8270 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
191-24-2	**Benzo(g,h,i)perylene**	**1470**		ug/kg dry	53.9	108	2	EPA 8270D	02/08/2023 08:08	02/09/2023 10:24	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
207-08-9	**Benzo(k)fluoranthene**	**1700**		ug/kg dry	53.9	108	2	EPA 8270D	02/08/2023 08:08	02/09/2023 10:24	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
65-85-0	Benzoic acid	ND	QL-02	ug/kg dry	53.9	108	2	EPA 8270D	02/08/2023 08:08	02/09/2023 10:24	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
100-51-6	Benzyl alcohol	ND		ug/kg dry	53.9	108	2	EPA 8270D	02/08/2023 08:08	02/09/2023 10:24	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
85-68-7	Benzyl butyl phthalate	ND		ug/kg dry	53.9	108	2	EPA 8270D	02/08/2023 08:08	02/09/2023 10:24	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
111-91-1	Bis(2-chloroethoxy)methane	ND		ug/kg dry	53.9	108	2	EPA 8270D	02/08/2023 08:08	02/09/2023 10:24	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
111-44-4	Bis(2-chloroethyl)ether	ND		ug/kg dry	53.9	108	2	EPA 8270D	02/08/2023 08:08	02/09/2023 10:24	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
108-60-1	Bis(2-chloroisopropyl)ether	ND		ug/kg dry	53.9	108	2	EPA 8270D	02/08/2023 08:08	02/09/2023 10:24	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
117-81-7	Bis(2-ethylhexyl)phthalate	ND		ug/kg dry	53.9	108	2	EPA 8270D	02/08/2023 08:08	02/09/2023 10:24	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
105-60-2	Caprolactam	ND		ug/kg dry	108	215	2	EPA 8270D	02/08/2023 08:08	02/09/2023 10:24	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
86-74-8	**Carbazole**	**360**		ug/kg dry	53.9	108	2	EPA 8270D	02/08/2023 08:08	02/09/2023 10:24	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
218-01-9	**Chrysene**	**1920**		ug/kg dry	53.9	108	2	EPA 8270D	02/08/2023 08:08	02/09/2023 10:24	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
53-70-3	**Dibenzo(a,h)anthracene**	**459**		ug/kg dry	53.9	108	2	EPA 8270D	02/08/2023 08:08	02/09/2023 10:24	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
132-64-9	**Dibenzofuran**	**143**		ug/kg dry	53.9	108	2	EPA 8270D	02/08/2023 08:08	02/09/2023 10:24	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
84-66-2	Diethyl phthalate	ND		ug/kg dry	53.9	108	2	EPA 8270D	02/08/2023 08:08	02/09/2023 10:24	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
131-11-3	Dimethyl phthalate	ND		ug/kg dry	53.9	108	2	EPA 8270D	02/08/2023 08:08	02/09/2023 10:24	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
84-74-2	Di-n-butyl phthalate	ND		ug/kg dry	53.9	108	2	EPA 8270D	02/08/2023 08:08	02/09/2023 10:24	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
117-84-0	Di-n-octyl phthalate	ND		ug/kg dry	53.9	108	2	EPA 8270D	02/08/2023 08:08	02/09/2023 10:24	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
122-39-4	* Diphenylamine	ND		ug/kg dry	108	215	2	EPA 8270D	02/08/2023 08:08	02/09/2023 10:24	KH
								Certifications:			
206-44-0	**Fluoranthene**	**2960**		ug/kg dry	53.9	108	2	EPA 8270D	02/08/2023 08:08	02/09/2023 10:24	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
86-73-7	**Fluorene**	**221**		ug/kg dry	53.9	108	2	EPA 8270D	02/08/2023 08:08	02/09/2023 10:24	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
118-74-1	Hexachlorobenzene	ND		ug/kg dry	53.9	108	2	EPA 8270D	02/08/2023 08:08	02/09/2023 10:24	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
87-68-3	Hexachlorobutadiene	ND		ug/kg dry	53.9	108	2	EPA 8270D	02/08/2023 08:08	02/09/2023 10:24	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		

Sample Information

Client Sample ID: SB-7 (3-5 ft) **York Sample ID:** 23B0078-14

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23B0078	B 62nd Street	Soil	February 1, 2023 1:50 pm	02/02/2023

Semi-Volatiles, 8270 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
77-47-4	Hexachlorocyclopentadiene	ND		ug/kg dry	53.9	108	2	EPA 8270D Certifications:	02/08/2023 08:08 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	02/09/2023 10:24	KH
67-72-1	Hexachloroethane	ND		ug/kg dry	53.9	108	2	EPA 8270D Certifications:	02/08/2023 08:08 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	02/09/2023 10:24	KH
193-39-5	**Indeno(1,2,3-cd)pyrene**	**1310**		ug/kg dry	53.9	108	2	EPA 8270D Certifications:	02/08/2023 08:08 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	02/09/2023 10:24	KH
78-59-1	Isophorone	ND		ug/kg dry	53.9	108	2	EPA 8270D Certifications:	02/08/2023 08:08 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	02/09/2023 10:24	KH
91-20-3	**Naphthalene**	**168**		ug/kg dry	53.9	108	2	EPA 8270D Certifications:	02/08/2023 08:08 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	02/09/2023 10:24	KH
98-95-3	Nitrobenzene	ND		ug/kg dry	53.9	108	2	EPA 8270D Certifications:	02/08/2023 08:08 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	02/09/2023 10:24	KH
62-75-9	N-Nitrosodimethylamine	ND	CCVE	ug/kg dry	53.9	108	2	EPA 8270D Certifications:	02/08/2023 08:08 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	02/09/2023 10:24	KH
621-64-7	N-nitroso-di-n-propylamine	ND		ug/kg dry	53.9	108	2	EPA 8270D Certifications:	02/08/2023 08:08 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	02/09/2023 10:24	KH
86-30-6	N-Nitrosodiphenylamine	ND		ug/kg dry	53.9	108	2	EPA 8270D Certifications:	02/08/2023 08:08 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	02/09/2023 10:24	KH
87-86-5	Pentachlorophenol	ND	CAL-E	ug/kg dry	53.9	108	2	EPA 8270D Certifications:	02/08/2023 08:08 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	02/09/2023 10:24	KH
85-01-8	**Phenanthrene**	**2330**		ug/kg dry	53.9	108	2	EPA 8270D Certifications:	02/08/2023 08:08 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	02/09/2023 10:24	KH
108-95-2	Phenol	ND		ug/kg dry	53.9	108	2	EPA 8270D Certifications:	02/08/2023 08:08 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	02/09/2023 10:24	KH
129-00-0	**Pyrene**	**2900**		ug/kg dry	53.9	108	2	EPA 8270D Certifications:	02/08/2023 08:08 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	02/09/2023 10:24	KH

	Surrogate Recoveries	Result	Acceptance Range
367-12-4	*Surrogate: SURR: 2-Fluorophenol*	*64.3 %*	*20-108*
13127-88-3	*Surrogate: SURR: Phenol-d6*	*64.6 %*	*23-114*
4165-60-0	*Surrogate: SURR: Nitrobenzene-d5*	*70.3 %*	*22-108*
321-60-8	*Surrogate: SURR: 2-Fluorobiphenyl*	*73.0 %*	*21-113*
118-79-6	*Surrogate: SURR: 2,4,6-Tribromophenol*	*93.3 %*	*19-110*
1718-51-0	*Surrogate: SURR: Terphenyl-d14*	*82.3 %*	*24-116*

Pesticides, 8081 target list

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
72-54-8	4,4'-DDD	ND		ug/kg dry	2.11	5	EPA 8081B Certifications:	02/06/2023 08:07 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	02/10/2023 05:53	BJ-
72-55-9	4,4'-DDE	ND		ug/kg dry	2.11	5	EPA 8081B Certifications:	02/06/2023 08:07 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	02/10/2023 05:53	BJ-

Sample Information

Client Sample ID: SB-7 (3-5 ft) **York Sample ID:** 23B0078-14

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23B0078	B 62nd Street	Soil	February 1, 2023 1:50 pm	02/02/2023

Pesticides, 8081 target list

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
50-29-3	**4,4'-DDT**	**6.09**		ug/kg dry	2.11	5	EPA 8081B	02/06/2023 08:07	02/10/2023 05:53	BJ-
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
309-00-2	Aldrin	ND		ug/kg dry	2.11	5	EPA 8081B	02/06/2023 08:07	02/10/2023 05:53	BJ-
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
319-84-6	alpha-BHC	ND		ug/kg dry	2.11	5	EPA 8081B	02/06/2023 08:07	02/10/2023 05:53	BJ-
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
319-85-7	beta-BHC	ND		ug/kg dry	2.11	5	EPA 8081B	02/06/2023 08:07	02/10/2023 05:53	BJ-
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
12789-03-6	Chlordane, total	ND		ug/kg dry	42.3	5	EPA 8081B	02/06/2023 08:07	02/10/2023 05:53	BJ-
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
319-86-8	delta-BHC	ND		ug/kg dry	2.11	5	EPA 8081B	02/06/2023 08:07	02/10/2023 05:53	BJ-
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
60-57-1	Dieldrin	ND		ug/kg dry	2.11	5	EPA 8081B	02/06/2023 08:07	02/10/2023 05:53	BJ-
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
959-98-8	Endosulfan I	ND		ug/kg dry	2.11	5	EPA 8081B	02/06/2023 08:07	02/10/2023 05:53	BJ-
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
33213-65-9	Endosulfan II	ND		ug/kg dry	2.11	5	EPA 8081B	02/06/2023 08:07	02/10/2023 05:53	BJ-
							Certifications:	CTDOH-PH-0723,NELAC-NY10854		
1031-07-8	Endosulfan sulfate	ND		ug/kg dry	2.11	5	EPA 8081B	02/06/2023 08:07	02/10/2023 05:53	BJ-
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
72-20-8	Endrin	ND		ug/kg dry	2.11	5	EPA 8081B	02/06/2023 08:07	02/10/2023 05:53	BJ-
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7421-93-4	Endrin aldehyde	ND		ug/kg dry	2.11	5	EPA 8081B	02/06/2023 08:07	02/10/2023 05:53	BJ-
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
53494-70-5	Endrin ketone	ND		ug/kg dry	2.11	5	EPA 8081B	02/06/2023 08:07	02/10/2023 05:53	BJ-
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
58-89-9	gamma-BHC (Lindane)	ND		ug/kg dry	2.11	5	EPA 8081B	02/06/2023 08:07	02/10/2023 05:53	BJ-
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
76-44-8	Heptachlor	ND		ug/kg dry	2.11	5	EPA 8081B	02/06/2023 08:07	02/10/2023 05:53	BJ-
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
1024-57-3	Heptachlor epoxide	ND		ug/kg dry	2.11	5	EPA 8081B	02/06/2023 08:07	02/10/2023 05:53	BJ-
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
72-43-5	Methoxychlor	ND		ug/kg dry	10.6	5	EPA 8081B	02/06/2023 08:07	02/10/2023 05:53	BJ-
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
8001-35-2	Toxaphene	ND		ug/kg dry	107	5	EPA 8081B	02/06/2023 08:07	02/10/2023 05:53	BJ-
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		

	Surrogate Recoveries	Result	Acceptance Range
2051-24-3	*Surrogate: Decachlorobiphenyl*	*71.6 %*	*30-150*
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*66.9 %*	*30-150*

Polychlorinated Biphenyls (PCB)

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst

Sample Information

Client Sample ID: SB-7 (3-5 ft) **York Sample ID:** 23B0078-14

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23B0078	B 62nd Street	Soil	February 1, 2023 1:50 pm	02/02/2023

Polychlorinated Biphenyls (PCB)

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
12674-11-2	Aroclor 1016	ND		mg/kg dry	0.0214	1	EPA 8082A Certifications:	02/06/2023 08:07 NELAC-NY10854,CTDOH-PH-0723,NJDEP,PADEP	02/10/2023 08:21	BJ
11104-28-2	Aroclor 1221	ND		mg/kg dry	0.0214	1	EPA 8082A Certifications:	02/06/2023 08:07 NELAC-NY10854,CTDOH-PH-0723,NJDEP,PADEP	02/10/2023 08:21	BJ
11141-16-5	Aroclor 1232	ND		mg/kg dry	0.0214	1	EPA 8082A Certifications:	02/06/2023 08:07 NELAC-NY10854,CTDOH-PH-0723,NJDEP,PADEP	02/10/2023 08:21	BJ
53469-21-9	Aroclor 1242	ND		mg/kg dry	0.0214	1	EPA 8082A Certifications:	02/06/2023 08:07 NELAC-NY10854,CTDOH-PH-0723,NJDEP,PADEP	02/10/2023 08:21	BJ
12672-29-6	Aroclor 1248	ND		mg/kg dry	0.0214	1	EPA 8082A Certifications:	02/06/2023 08:07 NELAC-NY10854,CTDOH-PH-0723,NJDEP,PADEP	02/10/2023 08:21	BJ
11097-69-1	Aroclor 1254	ND		mg/kg dry	0.0214	1	EPA 8082A Certifications:	02/06/2023 08:07 NELAC-NY10854,CTDOH-PH-0723,NJDEP,PADEP	02/10/2023 08:21	BJ
11096-82-5	Aroclor 1260	ND		mg/kg dry	0.0214	1	EPA 8082A Certifications:	02/06/2023 08:07 NELAC-NY10854,CTDOH-PH-0723,NJDEP,PADEP	02/10/2023 08:21	BJ
1336-36-3	* Total PCBs	ND		mg/kg dry	0.0214	1	EPA 8082A Certifications:	02/06/2023 08:07	02/10/2023 08:21	BJ

	Surrogate Recoveries	Result	Acceptance Range
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*87.0 %*	*30-140*
2051-24-3	*Surrogate: Decachlorobiphenyl*	*97.0 %*	*30-140*

Metals, Target Analyte

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7429-90-5	**Aluminum**	**2550**		mg/kg dry	5.43	1	EPA 6010D Certifications:	02/09/2023 13:35 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	02/10/2023 17:03	CW
7440-36-0	**Antimony**	**4.53**	M-CCV 1	mg/kg dry	2.71	1	EPA 6010D Certifications:	02/09/2023 13:35 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	02/10/2023 17:03	CW
7440-38-2	**Arsenic**	**5.26**		mg/kg dry	1.63	1	EPA 6010D Certifications:	02/09/2023 13:35 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	02/10/2023 17:03	CW
7440-39-3	**Barium**	**368**		mg/kg dry	2.71	1	EPA 6010D Certifications:	02/09/2023 13:35 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	02/10/2023 17:03	CW
7440-41-7	**Beryllium**	**0.230**		mg/kg dry	0.055	1	EPA 6010D Certifications:	02/09/2023 13:35 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	02/10/2023 17:03	CW
7440-43-9	**Cadmium**	**0.481**		mg/kg dry	0.326	1	EPA 6010D Certifications:	02/09/2023 13:35 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	02/10/2023 17:03	CW
7440-70-2	**Calcium**	**5580**		mg/kg dry	5.43	1	EPA 6010D Certifications:	02/09/2023 13:35 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	02/10/2023 17:03	CW
7440-47-3	**Chromium**	**15.2**		mg/kg dry	0.543	1	EPA 6010D Certifications:	02/09/2023 13:35 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	02/10/2023 17:03	CW
7440-48-4	**Cobalt**	**5.02**		mg/kg dry	0.434	1	EPA 6010D Certifications:	02/09/2023 13:35 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	02/10/2023 17:03	CW

Sample Information

Client Sample ID: SB-7 (3-5 ft) **York Sample ID:** 23B0078-14

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23B0078	B 62nd Street	Soil	February 1, 2023 1:50 pm	02/02/2023

Metals, Target Analyte

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-50-8	**Copper**	**131**		mg/kg dry	2.17	1	EPA 6010D	02/09/2023 13:35	02/10/2023 17:03	CW
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7439-89-6	**Iron**	**30500**		mg/kg dry	27.1	1	EPA 6010D	02/09/2023 13:35	02/10/2023 17:03	CW
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7439-92-1	**Lead**	**573**		mg/kg dry	0.543	1	EPA 6010D	02/09/2023 13:35	02/10/2023 17:03	CW
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7439-95-4	**Magnesium**	**1520**		mg/kg dry	5.43	1	EPA 6010D	02/09/2023 13:35	02/10/2023 17:03	CW
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7439-96-5	**Manganese**	**182**		mg/kg dry	0.543	1	EPA 6010D	02/09/2023 13:35	02/10/2023 17:03	CW
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7440-02-0	**Nickel**	**15.1**		mg/kg dry	1.08	1	EPA 6010D	02/09/2023 13:35	02/10/2023 17:03	CW
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7440-09-7	**Potassium**	**430**	B	mg/kg dry	5.43	1	EPA 6010D	02/09/2023 13:35	02/10/2023 17:03	CW
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7782-49-2	Selenium	ND		mg/kg dry	2.71	1	EPA 6010D	02/09/2023 13:35	02/10/2023 17:03	CW
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7440-22-4	Silver	ND		mg/kg dry	0.547	1	EPA 6010D	02/09/2023 13:35	02/10/2023 17:03	CW
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7440-23-5	**Sodium**	**150**		mg/kg dry	54.3	1	EPA 6010D	02/09/2023 13:35	02/10/2023 17:03	CW
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7440-28-0	Thallium	ND		mg/kg dry	2.71	1	EPA 6010D	02/09/2023 13:35	02/10/2023 17:03	CW
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7440-62-2	**Vanadium**	**12.6**		mg/kg dry	1.08	1	EPA 6010D	02/09/2023 13:35	02/10/2023 17:03	CW
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7440-66-6	**Zinc**	**890**		mg/kg dry	2.70	1	EPA 6010D	02/09/2023 13:35	02/10/2023 17:03	CW
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		

Mercury by 7473

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 7473 soil

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	**Mercury**	**0.594**		mg/kg dry	0.0391	1	EPA 7473	02/07/2023 11:17	02/07/2023 16:17	PDL
							Certifications:	CTDOH-PH-0723,NJDEP,NELAC-NY10854,PADEP		

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**	**76.7**		%	0.100	1	SM 2540G	02/07/2023 07:41	02/07/2023 12:53	sgs
							Certifications:	CTDOH-PH-0723		

Sample Information

Client Sample ID: SB-8 (0-2 ft) **York Sample ID:** 23B0078-15

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23B0078	B 62nd Street	Soil	February 1, 2023 2:28 pm	02/02/2023

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	2.1	4.3	1	EPA 8260C	02/03/2023 09:00	02/03/2023 21:33	FTR
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
71-55-6	1,1,1-Trichloroethane	ND		ug/kg dry	2.1	4.3	1	EPA 8260C	02/03/2023 09:00	02/03/2023 21:33	FTR
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/kg dry	2.1	4.3	1	EPA 8260C	02/03/2023 09:00	02/03/2023 21:33	FTR
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/kg dry	2.1	4.3	1	EPA 8260C	02/03/2023 09:00	02/03/2023 21:33	FTR
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP		
79-00-5	1,1,2-Trichloroethane	ND		ug/kg dry	2.1	4.3	1	EPA 8260C	02/03/2023 09:00	02/03/2023 21:33	FTR
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
75-34-3	1,1-Dichloroethane	ND		ug/kg dry	2.1	4.3	1	EPA 8260C	02/03/2023 09:00	02/03/2023 21:33	FTR
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
75-35-4	1,1-Dichloroethylene	ND		ug/kg dry	2.1	4.3	1	EPA 8260C	02/03/2023 09:00	02/03/2023 21:33	FTR
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
87-61-6	1,2,3-Trichlorobenzene	ND		ug/kg dry	2.1	4.3	1	EPA 8260C	02/03/2023 09:00	02/03/2023 21:33	FTR
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
96-18-4	1,2,3-Trichloropropane	ND		ug/kg dry	2.1	4.3	1	EPA 8260C	02/03/2023 09:00	02/03/2023 21:33	FTR
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP		
120-82-1	1,2,4-Trichlorobenzene	ND		ug/kg dry	2.1	4.3	1	EPA 8260C	02/03/2023 09:00	02/03/2023 21:33	FTR
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
95-63-6	1,2,4-Trimethylbenzene	ND		ug/kg dry	2.1	4.3	1	EPA 8260C	02/03/2023 09:00	02/03/2023 21:33	FTR
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/kg dry	2.1	4.3	1	EPA 8260C	02/03/2023 09:00	02/03/2023 21:33	FTR
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
106-93-4	1,2-Dibromoethane	ND		ug/kg dry	2.1	4.3	1	EPA 8260C	02/03/2023 09:00	02/03/2023 21:33	FTR
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
95-50-1	1,2-Dichlorobenzene	ND		ug/kg dry	2.1	4.3	1	EPA 8260C	02/03/2023 09:00	02/03/2023 21:33	FTR
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
107-06-2	1,2-Dichloroethane	ND		ug/kg dry	2.1	4.3	1	EPA 8260C	02/03/2023 09:00	02/03/2023 21:33	FTR
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
78-87-5	1,2-Dichloropropane	ND		ug/kg dry	2.1	4.3	1	EPA 8260C	02/03/2023 09:00	02/03/2023 21:33	FTR
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
108-67-8	1,3,5-Trimethylbenzene	ND		ug/kg dry	2.1	4.3	1	EPA 8260C	02/03/2023 09:00	02/03/2023 21:33	FTR
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
541-73-1	1,3-Dichlorobenzene	ND		ug/kg dry	2.1	4.3	1	EPA 8260C	02/03/2023 09:00	02/03/2023 21:33	FTR
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
106-46-7	1,4-Dichlorobenzene	ND		ug/kg dry	2.1	4.3	1	EPA 8260C	02/03/2023 09:00	02/03/2023 21:33	FTR
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
123-91-1	1,4-Dioxane	ND		ug/kg dry	43	86	1	EPA 8260C	02/03/2023 09:00	02/03/2023 21:33	FTR
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
78-93-3	**2-Butanone**	**4.7**	CCVE	ug/kg dry	2.1	4.3	1	EPA 8260C	02/03/2023 09:00	02/03/2023 21:33	FTR
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PA		
591-78-6	2-Hexanone	ND		ug/kg dry	2.1	4.3	1	EPA 8260C	02/03/2023 09:00	02/03/2023 21:33	FTR
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
108-10-1	4-Methyl-2-pentanone	ND		ug/kg dry	2.1	4.3	1	EPA 8260C	02/03/2023 09:00	02/03/2023 21:33	FTR
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		

Sample Information

Client Sample ID: SB-8 (0-2 ft) **York Sample ID:** 23B0078-15

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23B0078	B 62nd Street	Soil	February 1, 2023 2:28 pm	02/02/2023

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
67-64-1	**Acetone**	**21**	CCVE, ICVE	ug/kg dry	4.3	8.6	1	EPA 8260C	02/03/2023 09:00	02/03/2023 21:33	FTR
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PA		
107-02-8	Acrolein	ND		ug/kg dry	4.3	8.6	1	EPA 8260C	02/03/2023 09:00	02/03/2023 21:33	FTR
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
107-13-1	Acrylonitrile	ND		ug/kg dry	2.1	4.3	1	EPA 8260C	02/03/2023 09:00	02/03/2023 21:33	FTR
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
71-43-2	Benzene	ND		ug/kg dry	2.1	4.3	1	EPA 8260C	02/03/2023 09:00	02/03/2023 21:33	FTR
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
74-97-5	Bromochloromethane	ND		ug/kg dry	2.1	4.3	1	EPA 8260C	02/03/2023 09:00	02/03/2023 21:33	FTR
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-27-4	Bromodichloromethane	ND		ug/kg dry	2.1	4.3	1	EPA 8260C	02/03/2023 09:00	02/03/2023 21:33	FTR
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
75-25-2	Bromoform	ND		ug/kg dry	2.1	4.3	1	EPA 8260C	02/03/2023 09:00	02/03/2023 21:33	FTR
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
74-83-9	Bromomethane	ND		ug/kg dry	2.1	4.3	1	EPA 8260C	02/03/2023 09:00	02/03/2023 21:33	FTR
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
75-15-0	Carbon disulfide	ND		ug/kg dry	2.1	4.3	1	EPA 8260C	02/03/2023 09:00	02/03/2023 21:33	FTR
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
56-23-5	Carbon tetrachloride	ND		ug/kg dry	2.1	4.3	1	EPA 8260C	02/03/2023 09:00	02/03/2023 21:33	FTR
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
108-90-7	Chlorobenzene	ND		ug/kg dry	2.1	4.3	1	EPA 8260C	02/03/2023 09:00	02/03/2023 21:33	FTR
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
75-00-3	Chloroethane	ND		ug/kg dry	2.1	4.3	1	EPA 8260C	02/03/2023 09:00	02/03/2023 21:33	FTR
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
67-66-3	Chloroform	ND		ug/kg dry	2.1	4.3	1	EPA 8260C	02/03/2023 09:00	02/03/2023 21:33	FTR
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
74-87-3	Chloromethane	ND		ug/kg dry	2.1	4.3	1	EPA 8260C	02/03/2023 09:00	02/03/2023 21:33	FTR
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
156-59-2	cis-1,2-Dichloroethylene	ND		ug/kg dry	2.1	4.3	1	EPA 8260C	02/03/2023 09:00	02/03/2023 21:33	FTR
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/kg dry	2.1	4.3	1	EPA 8260C	02/03/2023 09:00	02/03/2023 21:33	FTR
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
110-82-7	Cyclohexane	ND		ug/kg dry	2.1	4.3	1	EPA 8260C	02/03/2023 09:00	02/03/2023 21:33	FTR
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
124-48-1	Dibromochloromethane	ND		ug/kg dry	2.1	4.3	1	EPA 8260C	02/03/2023 09:00	02/03/2023 21:33	FTR
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
74-95-3	Dibromomethane	ND		ug/kg dry	2.1	4.3	1	EPA 8260C	02/03/2023 09:00	02/03/2023 21:33	FTR
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-71-8	Dichlorodifluoromethane	ND		ug/kg dry	2.1	4.3	1	EPA 8260C	02/03/2023 09:00	02/03/2023 21:33	FTR
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
100-41-4	Ethyl Benzene	ND		ug/kg dry	2.1	4.3	1	EPA 8260C	02/03/2023 09:00	02/03/2023 21:33	FTR
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
87-68-3	Hexachlorobutadiene	ND		ug/kg dry	2.1	4.3	1	EPA 8260C	02/03/2023 09:00	02/03/2023 21:33	FTR
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
98-82-8	Isopropylbenzene	ND		ug/kg dry	2.1	4.3	1	EPA 8260C	02/03/2023 09:00	02/03/2023 21:33	FTR
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		

Sample Information

Client Sample ID: SB-8 (0-2 ft) **York Sample ID:** 23B0078-15

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23B0078	B 62nd Street	Soil	February 1, 2023 2:28 pm	02/02/2023

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
79-20-9	Methyl acetate	ND		ug/kg dry	2.1	4.3	1	EPA 8260C Certifications:	02/03/2023 09:00 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	02/03/2023 21:33	FTR
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/kg dry	2.1	4.3	1	EPA 8260C Certifications:	02/03/2023 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	02/03/2023 21:33	FTR
108-87-2	Methylcyclohexane	ND		ug/kg dry	2.1	4.3	1	EPA 8260C Certifications:	02/03/2023 09:00 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	02/03/2023 21:33	FTR
75-09-2	Methylene chloride	ND		ug/kg dry	4.3	8.6	1	EPA 8260C Certifications:	02/03/2023 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	02/03/2023 21:33	FTR
104-51-8	n-Butylbenzene	ND		ug/kg dry	2.1	4.3	1	EPA 8260C Certifications:	02/03/2023 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	02/03/2023 21:33	FTR
103-65-1	n-Propylbenzene	ND		ug/kg dry	2.1	4.3	1	EPA 8260C Certifications:	02/03/2023 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	02/03/2023 21:33	FTR
95-47-6	o-Xylene	ND		ug/kg dry	2.1	4.3	1	EPA 8260C Certifications:	02/03/2023 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP	02/03/2023 21:33	FTR
179601-23-1	p- & m- Xylenes	ND		ug/kg dry	4.3	8.6	1	EPA 8260C Certifications:	02/03/2023 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP	02/03/2023 21:33	FTR
99-87-6	p-Isopropyltoluene	ND		ug/kg dry	2.1	4.3	1	EPA 8260C Certifications:	02/03/2023 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	02/03/2023 21:33	FTR
135-98-8	sec-Butylbenzene	ND		ug/kg dry	2.1	4.3	1	EPA 8260C Certifications:	02/03/2023 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	02/03/2023 21:33	FTR
100-42-5	Styrene	ND		ug/kg dry	2.1	4.3	1	EPA 8260C Certifications:	02/03/2023 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	02/03/2023 21:33	FTR
75-65-0	tert-Butyl alcohol (TBA)	ND		ug/kg dry	2.1	4.3	1	EPA 8260C Certifications:	02/03/2023 09:00 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	02/03/2023 21:33	FTR
98-06-6	tert-Butylbenzene	ND		ug/kg dry	2.1	4.3	1	EPA 8260C Certifications:	02/03/2023 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	02/03/2023 21:33	FTR
127-18-4	Tetrachloroethylene	ND		ug/kg dry	2.1	4.3	1	EPA 8260C Certifications:	02/03/2023 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	02/03/2023 21:33	FTR
108-88-3	Toluene	ND		ug/kg dry	2.1	4.3	1	EPA 8260C Certifications:	02/03/2023 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	02/03/2023 21:33	FTR
156-60-5	trans-1,2-Dichloroethylene	ND		ug/kg dry	2.1	4.3	1	EPA 8260C Certifications:	02/03/2023 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	02/03/2023 21:33	FTR
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/kg dry	2.1	4.3	1	EPA 8260C Certifications:	02/03/2023 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	02/03/2023 21:33	FTR
110-57-6	* trans-1,4-dichloro-2-butene	ND		ug/kg dry	2.1	4.3	1	EPA 8260C Certifications:	02/03/2023 09:00 CTDOH-PH-0723	02/03/2023 21:33	FTR
79-01-6	Trichloroethylene	ND		ug/kg dry	2.1	4.3	1	EPA 8260C Certifications:	02/03/2023 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	02/03/2023 21:33	FTR
75-69-4	Trichlorofluoromethane	ND	CAL-E	ug/kg dry	2.1	4.3	1	EPA 8260C Certifications:	02/03/2023 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	02/03/2023 21:33	FTR
75-01-4	Vinyl Chloride	ND		ug/kg dry	2.1	4.3	1	EPA 8260C Certifications:	02/03/2023 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	02/03/2023 21:33	FTR
1330-20-7	Xylenes, Total	ND		ug/kg dry	6.4	13	1	EPA 8260C Certifications:	02/03/2023 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP	02/03/2023 21:33	FTR

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: SURR: 1,2-Dichloroethane-d4*	*106 %*	*77-125*

Sample Information

Client Sample ID: SB-8 (0-2 ft) **York Sample ID:** 23B0078-15

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23B0078	B 62nd Street	Soil	February 1, 2023 2:28 pm	02/02/2023

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
2037-26-5	*Surrogate: SURR: Toluene-d8*	*95.8 %*			*85-120*						
460-00-4	*Surrogate: SURR: p-Bromofluorobenzene*	*103 %*			*76-130*						

Semi-Volatiles, 8270 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
92-52-4	1,1-Biphenyl	ND		ug/kg dry	45.0	89.8	2	EPA 8270D Certifications:	02/08/2023 08:08 NELAC-NY10854,NJDEP,PADEP	02/09/2023 10:54	KH
95-94-3	1,2,4,5-Tetrachlorobenzene	ND		ug/kg dry	89.8	179	2	EPA 8270D Certifications:	02/08/2023 08:08 NELAC-NY10854,NJDEP,PADEP	02/09/2023 10:54	KH
120-82-1	1,2,4-Trichlorobenzene	ND		ug/kg dry	45.0	89.8	2	EPA 8270D Certifications:	02/08/2023 08:08 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	02/09/2023 10:54	KH
95-50-1	1,2-Dichlorobenzene	ND		ug/kg dry	45.0	89.8	2	EPA 8270D Certifications:	02/08/2023 08:08 NELAC-NY10854,PADEP	02/09/2023 10:54	KH
122-66-7	1,2-Diphenylhydrazine (as Azobenzene)	ND		ug/kg dry	45.0	89.8	2	EPA 8270D Certifications:	02/08/2023 08:08 NELAC-NY10854,NJDEP,PADEP	02/09/2023 10:54	KH
541-73-1	1,3-Dichlorobenzene	ND		ug/kg dry	45.0	89.8	2	EPA 8270D Certifications:	02/08/2023 08:08 NELAC-NY10854,PADEP	02/09/2023 10:54	KH
106-46-7	1,4-Dichlorobenzene	ND		ug/kg dry	45.0	89.8	2	EPA 8270D Certifications:	02/08/2023 08:08 NELAC-NY10854,PADEP	02/09/2023 10:54	KH
58-90-2	2,3,4,6-Tetrachlorophenol	ND		ug/kg dry	89.8	179	2	EPA 8270D Certifications:	02/08/2023 08:08 NELAC-NY10854,NJDEP,PADEP	02/09/2023 10:54	KH
95-95-4	2,4,5-Trichlorophenol	ND		ug/kg dry	45.0	89.8	2	EPA 8270D Certifications:	02/08/2023 08:08 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	02/09/2023 10:54	KH
88-06-2	2,4,6-Trichlorophenol	ND		ug/kg dry	45.0	89.8	2	EPA 8270D Certifications:	02/08/2023 08:08 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	02/09/2023 10:54	KH
120-83-2	2,4-Dichlorophenol	ND		ug/kg dry	45.0	89.8	2	EPA 8270D Certifications:	02/08/2023 08:08 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	02/09/2023 10:54	KH
105-67-9	2,4-Dimethylphenol	ND		ug/kg dry	45.0	89.8	2	EPA 8270D Certifications:	02/08/2023 08:08 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	02/09/2023 10:54	KH
51-28-5	2,4-Dinitrophenol	ND	CAL-E	ug/kg dry	89.8	179	2	EPA 8270D Certifications:	02/08/2023 08:08 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	02/09/2023 10:54	KH
121-14-2	2,4-Dinitrotoluene	ND		ug/kg dry	45.0	89.8	2	EPA 8270D Certifications:	02/08/2023 08:08 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	02/09/2023 10:54	KH
606-20-2	2,6-Dinitrotoluene	ND		ug/kg dry	45.0	89.8	2	EPA 8270D Certifications:	02/08/2023 08:08 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	02/09/2023 10:54	KH
91-58-7	2-Chloronaphthalene	ND		ug/kg dry	45.0	89.8	2	EPA 8270D Certifications:	02/08/2023 08:08 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	02/09/2023 10:54	KH
95-57-8	2-Chlorophenol	ND		ug/kg dry	45.0	89.8	2	EPA 8270D Certifications:	02/08/2023 08:08 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	02/09/2023 10:54	KH
91-57-6	2-Methylnaphthalene	ND		ug/kg dry	45.0	89.8	2	EPA 8270D Certifications:	02/08/2023 08:08 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	02/09/2023 10:54	KH
95-48-7	2-Methylphenol	ND		ug/kg dry	45.0	89.8	2	EPA 8270D Certifications:	02/08/2023 08:08 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	02/09/2023 10:54	KH

Sample Information

Client Sample ID: SB-8 (0-2 ft) **York Sample ID:** 23B0078-15

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23B0078	B 62nd Street	Soil	February 1, 2023 2:28 pm	02/02/2023

Semi-Volatiles, 8270 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
88-74-4	2-Nitroaniline	ND		ug/kg dry	89.8	179	2	EPA 8270D Certifications:	02/08/2023 08:08 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	02/09/2023 10:54	KH
88-75-5	2-Nitrophenol	ND		ug/kg dry	45.0	89.8	2	EPA 8270D Certifications:	02/08/2023 08:08 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	02/09/2023 10:54	KH
65794-96-9	3- & 4-Methylphenols	ND		ug/kg dry	45.0	89.8	2	EPA 8270D Certifications:	02/08/2023 08:08 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	02/09/2023 10:54	KH
91-94-1	3,3-Dichlorobenzidine	ND		ug/kg dry	45.0	89.8	2	EPA 8270D Certifications:	02/08/2023 08:08 NELAC-NY10854,NJDEP,PADEP	02/09/2023 10:54	KH
99-09-2	3-Nitroaniline	ND		ug/kg dry	89.8	179	2	EPA 8270D Certifications:	02/08/2023 08:08 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	02/09/2023 10:54	KH
534-52-1	4,6-Dinitro-2-methylphenol	ND	CAL-E	ug/kg dry	89.8	179	2	EPA 8270D Certifications:	02/08/2023 08:08 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	02/09/2023 10:54	KH
101-55-3	4-Bromophenyl phenyl ether	ND		ug/kg dry	45.0	89.8	2	EPA 8270D Certifications:	02/08/2023 08:08 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	02/09/2023 10:54	KH
59-50-7	4-Chloro-3-methylphenol	ND		ug/kg dry	45.0	89.8	2	EPA 8270D Certifications:	02/08/2023 08:08 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	02/09/2023 10:54	KH
106-47-8	4-Chloroaniline	ND		ug/kg dry	45.0	89.8	2	EPA 8270D Certifications:	02/08/2023 08:08 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	02/09/2023 10:54	KH
7005-72-3	4-Chlorophenyl phenyl ether	ND		ug/kg dry	45.0	89.8	2	EPA 8270D Certifications:	02/08/2023 08:08 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	02/09/2023 10:54	KH
100-01-6	4-Nitroaniline	ND		ug/kg dry	89.8	179	2	EPA 8270D Certifications:	02/08/2023 08:08 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	02/09/2023 10:54	KH
100-02-7	4-Nitrophenol	ND		ug/kg dry	89.8	179	2	EPA 8270D Certifications:	02/08/2023 08:08 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	02/09/2023 10:54	KH
83-32-9	Acenaphthene	ND		ug/kg dry	45.0	89.8	2	EPA 8270D Certifications:	02/08/2023 08:08 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	02/09/2023 10:54	KH
208-96-8	**Acenaphthylene**	**46.7**	J	ug/kg dry	45.0	89.8	2	EPA 8270D Certifications:	02/08/2023 08:08 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	02/09/2023 10:54	KH
98-86-2	Acetophenone	ND		ug/kg dry	45.0	89.8	2	EPA 8270D Certifications:	02/08/2023 08:08 NELAC-NY10854,NJDEP,PADEP	02/09/2023 10:54	KH
62-53-3	Aniline	ND		ug/kg dry	180	360	2	EPA 8270D Certifications:	02/08/2023 08:08 NELAC-NY10854,NJDEP,PADEP	02/09/2023 10:54	KH
120-12-7	Anthracene	ND		ug/kg dry	45.0	89.8	2	EPA 8270D Certifications:	02/08/2023 08:08 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	02/09/2023 10:54	KH
1912-24-9	Atrazine	ND		ug/kg dry	45.0	89.8	2	EPA 8270D Certifications:	02/08/2023 08:08 NELAC-NY10854,NJDEP,PADEP	02/09/2023 10:54	KH
100-52-7	Benzaldehyde	ND		ug/kg dry	45.0	89.8	2	EPA 8270D Certifications:	02/08/2023 08:08 NELAC-NY10854,NJDEP,PADEP	02/09/2023 10:54	KH
92-87-5	Benzidine	ND		ug/kg dry	180	360	2	EPA 8270D Certifications:	02/08/2023 08:08 CTDOH-PH-0723,NELAC-NY10854,PADEP	02/09/2023 10:54	KH
56-55-3	**Benzo(a)anthracene**	**108**		ug/kg dry	45.0	89.8	2	EPA 8270D Certifications:	02/08/2023 08:08 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	02/09/2023 10:54	KH
50-32-8	**Benzo(a)pyrene**	**138**		ug/kg dry	45.0	89.8	2	EPA 8270D Certifications:	02/08/2023 08:08 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	02/09/2023 10:54	KH
205-99-2	**Benzo(b)fluoranthene**	**127**		ug/kg dry	45.0	89.8	2	EPA 8270D Certifications:	02/08/2023 08:08 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	02/09/2023 10:54	KH

Sample Information

Client Sample ID: SB-8 (0-2 ft) **York Sample ID:** 23B0078-15

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23B0078	B 62nd Street	Soil	February 1, 2023 2:28 pm	02/02/2023

Semi-Volatiles, 8270 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
191-24-2	**Benzo(g,h,i)perylene**	**144**		ug/kg dry	45.0	89.8	2	EPA 8270D	02/08/2023 08:08	02/09/2023 10:54	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
207-08-9	**Benzo(k)fluoranthene**	**113**		ug/kg dry	45.0	89.8	2	EPA 8270D	02/08/2023 08:08	02/09/2023 10:54	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
65-85-0	Benzoic acid	ND	QL-02	ug/kg dry	45.0	89.8	2	EPA 8270D	02/08/2023 08:08	02/09/2023 10:54	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
100-51-6	Benzyl alcohol	ND		ug/kg dry	45.0	89.8	2	EPA 8270D	02/08/2023 08:08	02/09/2023 10:54	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
85-68-7	Benzyl butyl phthalate	ND		ug/kg dry	45.0	89.8	2	EPA 8270D	02/08/2023 08:08	02/09/2023 10:54	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
111-91-1	Bis(2-chloroethoxy)methane	ND		ug/kg dry	45.0	89.8	2	EPA 8270D	02/08/2023 08:08	02/09/2023 10:54	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
111-44-4	Bis(2-chloroethyl)ether	ND		ug/kg dry	45.0	89.8	2	EPA 8270D	02/08/2023 08:08	02/09/2023 10:54	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
108-60-1	Bis(2-chloroisopropyl)ether	ND		ug/kg dry	45.0	89.8	2	EPA 8270D	02/08/2023 08:08	02/09/2023 10:54	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
117-81-7	Bis(2-ethylhexyl)phthalate	ND		ug/kg dry	45.0	89.8	2	EPA 8270D	02/08/2023 08:08	02/09/2023 10:54	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
105-60-2	Caprolactam	ND		ug/kg dry	89.8	179	2	EPA 8270D	02/08/2023 08:08	02/09/2023 10:54	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
86-74-8	Carbazole	ND		ug/kg dry	45.0	89.8	2	EPA 8270D	02/08/2023 08:08	02/09/2023 10:54	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
218-01-9	**Chrysene**	**151**		ug/kg dry	45.0	89.8	2	EPA 8270D	02/08/2023 08:08	02/09/2023 10:54	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
53-70-3	Dibenzo(a,h)anthracene	ND		ug/kg dry	45.0	89.8	2	EPA 8270D	02/08/2023 08:08	02/09/2023 10:54	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
132-64-9	Dibenzofuran	ND		ug/kg dry	45.0	89.8	2	EPA 8270D	02/08/2023 08:08	02/09/2023 10:54	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
84-66-2	Diethyl phthalate	ND		ug/kg dry	45.0	89.8	2	EPA 8270D	02/08/2023 08:08	02/09/2023 10:54	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
131-11-3	Dimethyl phthalate	ND		ug/kg dry	45.0	89.8	2	EPA 8270D	02/08/2023 08:08	02/09/2023 10:54	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
84-74-2	Di-n-butyl phthalate	ND		ug/kg dry	45.0	89.8	2	EPA 8270D	02/08/2023 08:08	02/09/2023 10:54	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
117-84-0	Di-n-octyl phthalate	ND		ug/kg dry	45.0	89.8	2	EPA 8270D	02/08/2023 08:08	02/09/2023 10:54	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
122-39-4	* Diphenylamine	ND		ug/kg dry	89.8	179	2	EPA 8270D	02/08/2023 08:08	02/09/2023 10:54	KH
								Certifications:			
206-44-0	**Fluoranthene**	**134**		ug/kg dry	45.0	89.8	2	EPA 8270D	02/08/2023 08:08	02/09/2023 10:54	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
86-73-7	Fluorene	ND		ug/kg dry	45.0	89.8	2	EPA 8270D	02/08/2023 08:08	02/09/2023 10:54	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
118-74-1	Hexachlorobenzene	ND		ug/kg dry	45.0	89.8	2	EPA 8270D	02/08/2023 08:08	02/09/2023 10:54	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
87-68-3	Hexachlorobutadiene	ND		ug/kg dry	45.0	89.8	2	EPA 8270D	02/08/2023 08:08	02/09/2023 10:54	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		

Sample Information

Client Sample ID: SB-8 (0-2 ft) **York Sample ID:** 23B0078-15

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23B0078	B 62nd Street	Soil	February 1, 2023 2:28 pm	02/02/2023

Semi-Volatiles, 8270 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
77-47-4	Hexachlorocyclopentadiene	ND		ug/kg dry	45.0	89.8	2	EPA 8270D Certifications:	02/08/2023 08:08 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	02/09/2023 10:54	KH
67-72-1	Hexachloroethane	ND		ug/kg dry	45.0	89.8	2	EPA 8270D Certifications:	02/08/2023 08:08 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	02/09/2023 10:54	KH
193-39-5	**Indeno(1,2,3-cd)pyrene**	**116**		ug/kg dry	45.0	89.8	2	EPA 8270D Certifications:	02/08/2023 08:08 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	02/09/2023 10:54	KH
78-59-1	Isophorone	ND		ug/kg dry	45.0	89.8	2	EPA 8270D Certifications:	02/08/2023 08:08 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	02/09/2023 10:54	KH
91-20-3	Naphthalene	ND		ug/kg dry	45.0	89.8	2	EPA 8270D Certifications:	02/08/2023 08:08 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	02/09/2023 10:54	KH
98-95-3	Nitrobenzene	ND		ug/kg dry	45.0	89.8	2	EPA 8270D Certifications:	02/08/2023 08:08 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	02/09/2023 10:54	KH
62-75-9	N-Nitrosodimethylamine	ND	CCVE	ug/kg dry	45.0	89.8	2	EPA 8270D Certifications:	02/08/2023 08:08 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	02/09/2023 10:54	KH
621-64-7	N-nitroso-di-n-propylamine	ND		ug/kg dry	45.0	89.8	2	EPA 8270D Certifications:	02/08/2023 08:08 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	02/09/2023 10:54	KH
86-30-6	N-Nitrosodiphenylamine	ND		ug/kg dry	45.0	89.8	2	EPA 8270D Certifications:	02/08/2023 08:08 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	02/09/2023 10:54	KH
87-86-5	Pentachlorophenol	ND	CAL-E	ug/kg dry	45.0	89.8	2	EPA 8270D Certifications:	02/08/2023 08:08 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	02/09/2023 10:54	KH
85-01-8	**Phenanthrene**	**60.3**	J	ug/kg dry	45.0	89.8	2	EPA 8270D Certifications:	02/08/2023 08:08 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	02/09/2023 10:54	KH
108-95-2	Phenol	ND		ug/kg dry	45.0	89.8	2	EPA 8270D Certifications:	02/08/2023 08:08 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	02/09/2023 10:54	KH
129-00-0	**Pyrene**	**172**		ug/kg dry	45.0	89.8	2	EPA 8270D Certifications:	02/08/2023 08:08 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	02/09/2023 10:54	KH

	Surrogate Recoveries	Result	Acceptance Range
367-12-4	*Surrogate: SURR: 2-Fluorophenol*	*47.7 %*	*20-108*
13127-88-3	*Surrogate: SURR: Phenol-d6*	*51.2 %*	*23-114*
4165-60-0	*Surrogate: SURR: Nitrobenzene-d5*	*43.9 %*	*22-108*
321-60-8	*Surrogate: SURR: 2-Fluorobiphenyl*	*53.9 %*	*21-113*
118-79-6	*Surrogate: SURR: 2,4,6-Tribromophenol*	*70.0 %*	*19-110*
1718-51-0	*Surrogate: SURR: Terphenyl-d14*	*74.1 %*	*24-116*

Pesticides, 8081 target list

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
72-54-8	4,4'-DDD	ND		ug/kg dry	1.77	5	EPA 8081B Certifications:	02/06/2023 08:07 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	02/10/2023 06:10	BJ-
72-55-9	4,4'-DDE	ND		ug/kg dry	1.77	5	EPA 8081B Certifications:	02/06/2023 08:07 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	02/10/2023 06:10	BJ-

Sample Information

Client Sample ID: SB-8 (0-2 ft) **York Sample ID:** 23B0078-15

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23B0078	B 62nd Street	Soil	February 1, 2023 2:28 pm	02/02/2023

Pesticides, 8081 target list

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
50-29-3	**4,4'-DDT**	**1.84**		ug/kg dry	1.77	5	EPA 8081B	02/06/2023 08:07	02/10/2023 06:10	BJ-
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
309-00-2	Aldrin	ND		ug/kg dry	1.77	5	EPA 8081B	02/06/2023 08:07	02/10/2023 06:10	BJ-
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
319-84-6	alpha-BHC	ND		ug/kg dry	1.77	5	EPA 8081B	02/06/2023 08:07	02/10/2023 06:10	BJ-
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
319-85-7	beta-BHC	ND		ug/kg dry	1.77	5	EPA 8081B	02/06/2023 08:07	02/10/2023 06:10	BJ-
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
12789-03-6	Chlordane, total	ND		ug/kg dry	35.4	5	EPA 8081B	02/06/2023 08:07	02/10/2023 06:10	BJ-
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
319-86-8	delta-BHC	ND		ug/kg dry	1.77	5	EPA 8081B	02/06/2023 08:07	02/10/2023 06:10	BJ-
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
60-57-1	**Dieldrin**	**2.64**		ug/kg dry	1.77	5	EPA 8081B	02/06/2023 08:07	02/10/2023 06:10	BJ-
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
959-98-8	Endosulfan I	ND		ug/kg dry	1.77	5	EPA 8081B	02/06/2023 08:07	02/10/2023 06:10	BJ-
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
33213-65-9	Endosulfan II	ND		ug/kg dry	1.77	5	EPA 8081B	02/06/2023 08:07	02/10/2023 06:10	BJ-
							Certifications:	CTDOH-PH-0723,NELAC-NY10854		
1031-07-8	Endosulfan sulfate	ND		ug/kg dry	1.77	5	EPA 8081B	02/06/2023 08:07	02/10/2023 06:10	BJ-
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
72-20-8	Endrin	ND		ug/kg dry	1.77	5	EPA 8081B	02/06/2023 08:07	02/10/2023 06:10	BJ-
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7421-93-4	Endrin aldehyde	ND		ug/kg dry	1.77	5	EPA 8081B	02/06/2023 08:07	02/10/2023 06:10	BJ-
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
53494-70-5	Endrin ketone	ND		ug/kg dry	1.77	5	EPA 8081B	02/06/2023 08:07	02/10/2023 06:10	BJ-
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
58-89-9	gamma-BHC (Lindane)	ND		ug/kg dry	1.77	5	EPA 8081B	02/06/2023 08:07	02/10/2023 06:10	BJ-
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
76-44-8	**Heptachlor**	**1.98**		ug/kg dry	1.77	5	EPA 8081B	02/06/2023 08:07	02/10/2023 06:10	BJ-
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
1024-57-3	Heptachlor epoxide	ND		ug/kg dry	1.77	5	EPA 8081B	02/06/2023 08:07	02/10/2023 06:10	BJ-
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
72-43-5	Methoxychlor	ND		ug/kg dry	8.86	5	EPA 8081B	02/06/2023 08:07	02/10/2023 06:10	BJ-
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
8001-35-2	Toxaphene	ND		ug/kg dry	89.6	5	EPA 8081B	02/06/2023 08:07	02/10/2023 06:10	BJ-
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		

	Surrogate Recoveries	Result	Acceptance Range
2051-24-3	*Surrogate: Decachlorobiphenyl*	*77.5 %*	*30-150*
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*93.5 %*	*30-150*

Polychlorinated Biphenyls (PCB)

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst

Sample Information

Client Sample ID: SB-8 (0-2 ft) **York Sample ID:** 23B0078-15

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23B0078	B 62nd Street	Soil	February 1, 2023 2:28 pm	02/02/2023

Polychlorinated Biphenyls (PCB)

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
12674-11-2	Aroclor 1016	ND		mg/kg dry	0.0179	1	EPA 8082A Certifications:	02/06/2023 08:07 NELAC-NY10854,CTDOH-PH-0723,NJDEP,PADEP	02/10/2023 08:36	BJ
11104-28-2	Aroclor 1221	ND		mg/kg dry	0.0179	1	EPA 8082A Certifications:	02/06/2023 08:07 NELAC-NY10854,CTDOH-PH-0723,NJDEP,PADEP	02/10/2023 08:36	BJ
11141-16-5	Aroclor 1232	ND		mg/kg dry	0.0179	1	EPA 8082A Certifications:	02/06/2023 08:07 NELAC-NY10854,CTDOH-PH-0723,NJDEP,PADEP	02/10/2023 08:36	BJ
53469-21-9	Aroclor 1242	ND		mg/kg dry	0.0179	1	EPA 8082A Certifications:	02/06/2023 08:07 NELAC-NY10854,CTDOH-PH-0723,NJDEP,PADEP	02/10/2023 08:36	BJ
12672-29-6	Aroclor 1248	ND		mg/kg dry	0.0179	1	EPA 8082A Certifications:	02/06/2023 08:07 NELAC-NY10854,CTDOH-PH-0723,NJDEP,PADEP	02/10/2023 08:36	BJ
11097-69-1	Aroclor 1254	ND		mg/kg dry	0.0179	1	EPA 8082A Certifications:	02/06/2023 08:07 NELAC-NY10854,CTDOH-PH-0723,NJDEP,PADEP	02/10/2023 08:36	BJ
11096-82-5	Aroclor 1260	ND		mg/kg dry	0.0179	1	EPA 8082A Certifications:	02/06/2023 08:07 NELAC-NY10854,CTDOH-PH-0723,NJDEP,PADEP	02/10/2023 08:36	BJ
1336-36-3	* Total PCBs	ND		mg/kg dry	0.0179	1	EPA 8082A Certifications:	02/06/2023 08:07	02/10/2023 08:36	BJ

	Surrogate Recoveries	Result	Acceptance Range
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*90.5 %*	*30-140*
2051-24-3	*Surrogate: Decachlorobiphenyl*	*79.0 %*	*30-140*

Metals, Target Analyte

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7429-90-5	**Aluminum**	**4130**		mg/kg dry	4.55	1	EPA 6010D Certifications:	02/09/2023 13:35 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	02/10/2023 17:05	CW
7440-36-0	Antimony	ND	M-CCV 1	mg/kg dry	2.27	1	EPA 6010D Certifications:	02/09/2023 13:35 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	02/10/2023 17:05	CW
7440-38-2	**Arsenic**	**4.44**		mg/kg dry	1.36	1	EPA 6010D Certifications:	02/09/2023 13:35 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	02/10/2023 17:05	CW
7440-39-3	**Barium**	**63.3**		mg/kg dry	2.27	1	EPA 6010D Certifications:	02/09/2023 13:35 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	02/10/2023 17:05	CW
7440-41-7	**Beryllium**	**0.320**		mg/kg dry	0.046	1	EPA 6010D Certifications:	02/09/2023 13:35 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	02/10/2023 17:05	CW
7440-43-9	**Cadmium**	**0.329**		mg/kg dry	0.273	1	EPA 6010D Certifications:	02/09/2023 13:35 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	02/10/2023 17:05	CW
7440-70-2	**Calcium**	**24500**		mg/kg dry	4.55	1	EPA 6010D Certifications:	02/09/2023 13:35 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	02/10/2023 17:05	CW
7440-47-3	**Chromium**	**14.9**		mg/kg dry	0.455	1	EPA 6010D Certifications:	02/09/2023 13:35 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	02/10/2023 17:05	CW
7440-48-4	**Cobalt**	**6.43**		mg/kg dry	0.363	1	EPA 6010D Certifications:	02/09/2023 13:35 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	02/10/2023 17:05	CW

Sample Information

Client Sample ID: SB-8 (0-2 ft) **York Sample ID:** 23B0078-15

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23B0078	B 62nd Street	Soil	February 1, 2023 2:28 pm	02/02/2023

Metals, Target Analyte

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-50-8	**Copper**	**35.9**		mg/kg dry	1.82	1	EPA 6010D	02/09/2023 13:35	02/10/2023 17:05	CW
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7439-89-6	**Iron**	**16300**		mg/kg dry	22.7	1	EPA 6010D	02/09/2023 13:35	02/10/2023 17:05	CW
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7439-92-1	**Lead**	**118**		mg/kg dry	0.455	1	EPA 6010D	02/09/2023 13:35	02/10/2023 17:05	CW
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7439-95-4	**Magnesium**	**12800**		mg/kg dry	4.55	1	EPA 6010D	02/09/2023 13:35	02/10/2023 17:05	CW
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7439-96-5	**Manganese**	**173**		mg/kg dry	0.455	1	EPA 6010D	02/09/2023 13:35	02/10/2023 17:05	CW
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7440-02-0	**Nickel**	**16.7**		mg/kg dry	0.906	1	EPA 6010D	02/09/2023 13:35	02/10/2023 17:05	CW
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7440-09-7	**Potassium**	**524**	B	mg/kg dry	4.55	1	EPA 6010D	02/09/2023 13:35	02/10/2023 17:05	CW
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7782-49-2	Selenium	ND		mg/kg dry	2.27	1	EPA 6010D	02/09/2023 13:35	02/10/2023 17:05	CW
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7440-22-4	Silver	ND		mg/kg dry	0.458	1	EPA 6010D	02/09/2023 13:35	02/10/2023 17:05	CW
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7440-23-5	**Sodium**	**171**		mg/kg dry	45.5	1	EPA 6010D	02/09/2023 13:35	02/10/2023 17:05	CW
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7440-28-0	Thallium	ND		mg/kg dry	2.27	1	EPA 6010D	02/09/2023 13:35	02/10/2023 17:05	CW
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7440-62-2	**Vanadium**	**38.6**		mg/kg dry	0.906	1	EPA 6010D	02/09/2023 13:35	02/10/2023 17:05	CW
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7440-66-6	**Zinc**	**137**		mg/kg dry	2.26	1	EPA 6010D	02/09/2023 13:35	02/10/2023 17:05	CW
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		

Mercury by 7473

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 7473 soil

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	**Mercury**	**0.0489**		mg/kg dry	0.0327	1	EPA 7473	02/07/2023 11:17	02/07/2023 16:27	PDL
							Certifications:	CTDOH-PH-0723,NJDEP,NELAC-NY10854,PADEP		

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**	**91.6**		%	0.100	1	SM 2540G	02/07/2023 07:41	02/07/2023 12:53	sgs
							Certifications:	CTDOH-PH-0723		

Sample Information

Client Sample ID: **SB-8 (3-5 ft)** **York Sample ID:** **23B0078-16**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23B0078	B 62nd Street	Soil	February 1, 2023 2:35 pm	02/02/2023

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	2.7	5.3	1	EPA 8260C	02/03/2023 09:00	02/03/2023 21:59	FTR
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
71-55-6	1,1,1-Trichloroethane	ND		ug/kg dry	2.7	5.3	1	EPA 8260C	02/03/2023 09:00	02/03/2023 21:59	FTR
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/kg dry	2.7	5.3	1	EPA 8260C	02/03/2023 09:00	02/03/2023 21:59	FTR
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/kg dry	2.7	5.3	1	EPA 8260C	02/03/2023 09:00	02/03/2023 21:59	FTR
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP		
79-00-5	1,1,2-Trichloroethane	ND		ug/kg dry	2.7	5.3	1	EPA 8260C	02/03/2023 09:00	02/03/2023 21:59	FTR
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
75-34-3	1,1-Dichloroethane	ND		ug/kg dry	2.7	5.3	1	EPA 8260C	02/03/2023 09:00	02/03/2023 21:59	FTR
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
75-35-4	1,1-Dichloroethylene	ND		ug/kg dry	2.7	5.3	1	EPA 8260C	02/03/2023 09:00	02/03/2023 21:59	FTR
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
87-61-6	1,2,3-Trichlorobenzene	ND		ug/kg dry	2.7	5.3	1	EPA 8260C	02/03/2023 09:00	02/03/2023 21:59	FTR
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
96-18-4	1,2,3-Trichloropropane	ND		ug/kg dry	2.7	5.3	1	EPA 8260C	02/03/2023 09:00	02/03/2023 21:59	FTR
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP		
120-82-1	1,2,4-Trichlorobenzene	ND		ug/kg dry	2.7	5.3	1	EPA 8260C	02/03/2023 09:00	02/03/2023 21:59	FTR
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
95-63-6	1,2,4-Trimethylbenzene	ND		ug/kg dry	2.7	5.3	1	EPA 8260C	02/03/2023 09:00	02/03/2023 21:59	FTR
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/kg dry	2.7	5.3	1	EPA 8260C	02/03/2023 09:00	02/03/2023 21:59	FTR
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
106-93-4	1,2-Dibromoethane	ND		ug/kg dry	2.7	5.3	1	EPA 8260C	02/03/2023 09:00	02/03/2023 21:59	FTR
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
95-50-1	1,2-Dichlorobenzene	ND		ug/kg dry	2.7	5.3	1	EPA 8260C	02/03/2023 09:00	02/03/2023 21:59	FTR
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
107-06-2	1,2-Dichloroethane	ND		ug/kg dry	2.7	5.3	1	EPA 8260C	02/03/2023 09:00	02/03/2023 21:59	FTR
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
78-87-5	1,2-Dichloropropane	ND		ug/kg dry	2.7	5.3	1	EPA 8260C	02/03/2023 09:00	02/03/2023 21:59	FTR
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
108-67-8	1,3,5-Trimethylbenzene	ND		ug/kg dry	2.7	5.3	1	EPA 8260C	02/03/2023 09:00	02/03/2023 21:59	FTR
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
541-73-1	1,3-Dichlorobenzene	ND		ug/kg dry	2.7	5.3	1	EPA 8260C	02/03/2023 09:00	02/03/2023 21:59	FTR
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
106-46-7	1,4-Dichlorobenzene	ND		ug/kg dry	2.7	5.3	1	EPA 8260C	02/03/2023 09:00	02/03/2023 21:59	FTR
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
123-91-1	1,4-Dioxane	ND		ug/kg dry	53	110	1	EPA 8260C	02/03/2023 09:00	02/03/2023 21:59	FTR
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
78-93-3	**2-Butanone**	**7.0**	CCVE	ug/kg dry	2.7	5.3	1	EPA 8260C	02/03/2023 09:00	02/03/2023 21:59	FTR
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PA		
591-78-6	2-Hexanone	ND		ug/kg dry	2.7	5.3	1	EPA 8260C	02/03/2023 09:00	02/03/2023 21:59	FTR
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
108-10-1	4-Methyl-2-pentanone	ND		ug/kg dry	2.7	5.3	1	EPA 8260C	02/03/2023 09:00	02/03/2023 21:59	FTR
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		

Sample Information

Client Sample ID: SB-8 (3-5 ft) **York Sample ID:** 23B0078-16

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23B0078	B 62nd Street	Soil	February 1, 2023 2:35 pm	02/02/2023

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
67-64-1	**Acetone**	**29**	CCVE, ICVE	ug/kg dry	5.3	11	1	EPA 8260C	02/03/2023 09:00	02/03/2023 21:59	FTR
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PA		
107-02-8	Acrolein	ND		ug/kg dry	5.3	11	1	EPA 8260C	02/03/2023 09:00	02/03/2023 21:59	FTR
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
107-13-1	Acrylonitrile	ND		ug/kg dry	2.7	5.3	1	EPA 8260C	02/03/2023 09:00	02/03/2023 21:59	FTR
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
71-43-2	Benzene	ND		ug/kg dry	2.7	5.3	1	EPA 8260C	02/03/2023 09:00	02/03/2023 21:59	FTR
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
74-97-5	Bromochloromethane	ND		ug/kg dry	2.7	5.3	1	EPA 8260C	02/03/2023 09:00	02/03/2023 21:59	FTR
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-27-4	Bromodichloromethane	ND		ug/kg dry	2.7	5.3	1	EPA 8260C	02/03/2023 09:00	02/03/2023 21:59	FTR
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
75-25-2	Bromoform	ND		ug/kg dry	2.7	5.3	1	EPA 8260C	02/03/2023 09:00	02/03/2023 21:59	FTR
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
74-83-9	Bromomethane	ND		ug/kg dry	2.7	5.3	1	EPA 8260C	02/03/2023 09:00	02/03/2023 21:59	FTR
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
75-15-0	Carbon disulfide	ND		ug/kg dry	2.7	5.3	1	EPA 8260C	02/03/2023 09:00	02/03/2023 21:59	FTR
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
56-23-5	Carbon tetrachloride	ND		ug/kg dry	2.7	5.3	1	EPA 8260C	02/03/2023 09:00	02/03/2023 21:59	FTR
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
108-90-7	Chlorobenzene	ND		ug/kg dry	2.7	5.3	1	EPA 8260C	02/03/2023 09:00	02/03/2023 21:59	FTR
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
75-00-3	Chloroethane	ND		ug/kg dry	2.7	5.3	1	EPA 8260C	02/03/2023 09:00	02/03/2023 21:59	FTR
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
67-66-3	Chloroform	ND		ug/kg dry	2.7	5.3	1	EPA 8260C	02/03/2023 09:00	02/03/2023 21:59	FTR
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
74-87-3	Chloromethane	ND		ug/kg dry	2.7	5.3	1	EPA 8260C	02/03/2023 09:00	02/03/2023 21:59	FTR
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
156-59-2	cis-1,2-Dichloroethylene	ND		ug/kg dry	2.7	5.3	1	EPA 8260C	02/03/2023 09:00	02/03/2023 21:59	FTR
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/kg dry	2.7	5.3	1	EPA 8260C	02/03/2023 09:00	02/03/2023 21:59	FTR
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
110-82-7	Cyclohexane	ND		ug/kg dry	2.7	5.3	1	EPA 8260C	02/03/2023 09:00	02/03/2023 21:59	FTR
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
124-48-1	Dibromochloromethane	ND		ug/kg dry	2.7	5.3	1	EPA 8260C	02/03/2023 09:00	02/03/2023 21:59	FTR
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
74-95-3	Dibromomethane	ND		ug/kg dry	2.7	5.3	1	EPA 8260C	02/03/2023 09:00	02/03/2023 21:59	FTR
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-71-8	Dichlorodifluoromethane	ND		ug/kg dry	2.7	5.3	1	EPA 8260C	02/03/2023 09:00	02/03/2023 21:59	FTR
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
100-41-4	Ethyl Benzene	ND		ug/kg dry	2.7	5.3	1	EPA 8260C	02/03/2023 09:00	02/03/2023 21:59	FTR
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
87-68-3	Hexachlorobutadiene	ND		ug/kg dry	2.7	5.3	1	EPA 8260C	02/03/2023 09:00	02/03/2023 21:59	FTR
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
98-82-8	Isopropylbenzene	ND		ug/kg dry	2.7	5.3	1	EPA 8260C	02/03/2023 09:00	02/03/2023 21:59	FTR
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		

Sample Information

Client Sample ID: SB-8 (3-5 ft) **York Sample ID:** 23B0078-16

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23B0078	B 62nd Street	Soil	February 1, 2023 2:35 pm	02/02/2023

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
79-20-9	Methyl acetate	ND		ug/kg dry	2.7	5.3	1	EPA 8260C Certifications:	02/03/2023 09:00 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	02/03/2023 21:59	FTR
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/kg dry	2.7	5.3	1	EPA 8260C Certifications:	02/03/2023 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	02/03/2023 21:59	FTR
108-87-2	Methylcyclohexane	ND		ug/kg dry	2.7	5.3	1	EPA 8260C Certifications:	02/03/2023 09:00 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	02/03/2023 21:59	FTR
75-09-2	Methylene chloride	ND		ug/kg dry	5.3	11	1	EPA 8260C Certifications:	02/03/2023 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	02/03/2023 21:59	FTR
104-51-8	n-Butylbenzene	ND		ug/kg dry	2.7	5.3	1	EPA 8260C Certifications:	02/03/2023 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	02/03/2023 21:59	FTR
103-65-1	n-Propylbenzene	ND		ug/kg dry	2.7	5.3	1	EPA 8260C Certifications:	02/03/2023 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	02/03/2023 21:59	FTR
95-47-6	o-Xylene	ND		ug/kg dry	2.7	5.3	1	EPA 8260C Certifications:	02/03/2023 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP	02/03/2023 21:59	FTR
179601-23-1	p- & m- Xylenes	ND		ug/kg dry	5.3	11	1	EPA 8260C Certifications:	02/03/2023 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP	02/03/2023 21:59	FTR
99-87-6	p-Isopropyltoluene	ND		ug/kg dry	2.7	5.3	1	EPA 8260C Certifications:	02/03/2023 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	02/03/2023 21:59	FTR
135-98-8	sec-Butylbenzene	ND		ug/kg dry	2.7	5.3	1	EPA 8260C Certifications:	02/03/2023 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	02/03/2023 21:59	FTR
100-42-5	Styrene	ND		ug/kg dry	2.7	5.3	1	EPA 8260C Certifications:	02/03/2023 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	02/03/2023 21:59	FTR
75-65-0	tert-Butyl alcohol (TBA)	ND		ug/kg dry	2.7	5.3	1	EPA 8260C Certifications:	02/03/2023 09:00 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	02/03/2023 21:59	FTR
98-06-6	tert-Butylbenzene	ND		ug/kg dry	2.7	5.3	1	EPA 8260C Certifications:	02/03/2023 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	02/03/2023 21:59	FTR
127-18-4	Tetrachloroethylene	ND		ug/kg dry	2.7	5.3	1	EPA 8260C Certifications:	02/03/2023 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	02/03/2023 21:59	FTR
108-88-3	Toluene	ND		ug/kg dry	2.7	5.3	1	EPA 8260C Certifications:	02/03/2023 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	02/03/2023 21:59	FTR
156-60-5	trans-1,2-Dichloroethylene	ND		ug/kg dry	2.7	5.3	1	EPA 8260C Certifications:	02/03/2023 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	02/03/2023 21:59	FTR
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/kg dry	2.7	5.3	1	EPA 8260C Certifications:	02/03/2023 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	02/03/2023 21:59	FTR
110-57-6	* trans-1,4-dichloro-2-butene	ND		ug/kg dry	2.7	5.3	1	EPA 8260C Certifications:	02/03/2023 09:00 CTDOH-PH-0723	02/03/2023 21:59	FTR
79-01-6	Trichloroethylene	ND		ug/kg dry	2.7	5.3	1	EPA 8260C Certifications:	02/03/2023 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	02/03/2023 21:59	FTR
75-69-4	Trichlorofluoromethane	ND	CAL-E	ug/kg dry	2.7	5.3	1	EPA 8260C Certifications:	02/03/2023 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	02/03/2023 21:59	FTR
75-01-4	Vinyl Chloride	ND		ug/kg dry	2.7	5.3	1	EPA 8260C Certifications:	02/03/2023 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	02/03/2023 21:59	FTR
1330-20-7	Xylenes, Total	ND		ug/kg dry	8.0	16	1	EPA 8260C Certifications:	02/03/2023 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP	02/03/2023 21:59	FTR

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: SURR: 1,2-Dichloroethane-d4*	*105 %*	*77-125*

Sample Information

Client Sample ID: SB-8 (3-5 ft) **York Sample ID:** 23B0078-16

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23B0078	B 62nd Street	Soil	February 1, 2023 2:35 pm	02/02/2023

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
2037-26-5	*Surrogate: SURR: Toluene-d8*	*95.3 %*			*85-120*						
460-00-4	*Surrogate: SURR: p-Bromofluorobenzene*	*99.3 %*			*76-130*						

Semi-Volatiles, 8270 - Comprehensive

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

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
92-52-4	1,1-Biphenyl	ND		ug/kg dry	49.0	97.7	2	EPA 8270D Certifications:	02/08/2023 08:08 NELAC-NY10854,NJDEP,PADEP	02/09/2023 11:25	KH
95-94-3	1,2,4,5-Tetrachlorobenzene	ND		ug/kg dry	97.7	195	2	EPA 8270D Certifications:	02/08/2023 08:08 NELAC-NY10854,NJDEP,PADEP	02/09/2023 11:25	KH
120-82-1	1,2,4-Trichlorobenzene	ND		ug/kg dry	49.0	97.7	2	EPA 8270D Certifications:	02/08/2023 08:08 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	02/09/2023 11:25	KH
95-50-1	1,2-Dichlorobenzene	ND		ug/kg dry	49.0	97.7	2	EPA 8270D Certifications:	02/08/2023 08:08 NELAC-NY10854,PADEP	02/09/2023 11:25	KH
122-66-7	1,2-Diphenylhydrazine (as Azobenzene)	ND		ug/kg dry	49.0	97.7	2	EPA 8270D Certifications:	02/08/2023 08:08 NELAC-NY10854,NJDEP,PADEP	02/09/2023 11:25	KH
541-73-1	1,3-Dichlorobenzene	ND		ug/kg dry	49.0	97.7	2	EPA 8270D Certifications:	02/08/2023 08:08 NELAC-NY10854,PADEP	02/09/2023 11:25	KH
106-46-7	1,4-Dichlorobenzene	ND		ug/kg dry	49.0	97.7	2	EPA 8270D Certifications:	02/08/2023 08:08 NELAC-NY10854,PADEP	02/09/2023 11:25	KH
58-90-2	2,3,4,6-Tetrachlorophenol	ND		ug/kg dry	97.7	195	2	EPA 8270D Certifications:	02/08/2023 08:08 NELAC-NY10854,NJDEP,PADEP	02/09/2023 11:25	KH
95-95-4	2,4,5-Trichlorophenol	ND		ug/kg dry	49.0	97.7	2	EPA 8270D Certifications:	02/08/2023 08:08 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	02/09/2023 11:25	KH
88-06-2	2,4,6-Trichlorophenol	ND		ug/kg dry	49.0	97.7	2	EPA 8270D Certifications:	02/08/2023 08:08 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	02/09/2023 11:25	KH
120-83-2	2,4-Dichlorophenol	ND		ug/kg dry	49.0	97.7	2	EPA 8270D Certifications:	02/08/2023 08:08 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	02/09/2023 11:25	KH
105-67-9	2,4-Dimethylphenol	ND		ug/kg dry	49.0	97.7	2	EPA 8270D Certifications:	02/08/2023 08:08 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	02/09/2023 11:25	KH
51-28-5	2,4-Dinitrophenol	ND	CAL-E	ug/kg dry	97.7	195	2	EPA 8270D Certifications:	02/08/2023 08:08 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	02/09/2023 11:25	KH
121-14-2	2,4-Dinitrotoluene	ND		ug/kg dry	49.0	97.7	2	EPA 8270D Certifications:	02/08/2023 08:08 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	02/09/2023 11:25	KH
606-20-2	2,6-Dinitrotoluene	ND		ug/kg dry	49.0	97.7	2	EPA 8270D Certifications:	02/08/2023 08:08 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	02/09/2023 11:25	KH
91-58-7	2-Chloronaphthalene	ND		ug/kg dry	49.0	97.7	2	EPA 8270D Certifications:	02/08/2023 08:08 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	02/09/2023 11:25	KH
95-57-8	2-Chlorophenol	ND		ug/kg dry	49.0	97.7	2	EPA 8270D Certifications:	02/08/2023 08:08 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	02/09/2023 11:25	KH
91-57-6	2-Methylnaphthalene	ND		ug/kg dry	49.0	97.7	2	EPA 8270D Certifications:	02/08/2023 08:08 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	02/09/2023 11:25	KH
95-48-7	2-Methylphenol	ND		ug/kg dry	49.0	97.7	2	EPA 8270D Certifications:	02/08/2023 08:08 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	02/09/2023 11:25	KH

Sample Information

Client Sample ID: SB-8 (3-5 ft) **York Sample ID:** 23B0078-16

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23B0078	B 62nd Street	Soil	February 1, 2023 2:35 pm	02/02/2023

Semi-Volatiles, 8270 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
88-74-4	2-Nitroaniline	ND		ug/kg dry	97.7	195	2	EPA 8270D Certifications:	02/08/2023 08:08 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	02/09/2023 11:25	KH
88-75-5	2-Nitrophenol	ND		ug/kg dry	49.0	97.7	2	EPA 8270D Certifications:	02/08/2023 08:08 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	02/09/2023 11:25	KH
65794-96-9	3- & 4-Methylphenols	ND		ug/kg dry	49.0	97.7	2	EPA 8270D Certifications:	02/08/2023 08:08 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	02/09/2023 11:25	KH
91-94-1	3,3-Dichlorobenzidine	ND		ug/kg dry	49.0	97.7	2	EPA 8270D Certifications:	02/08/2023 08:08 NELAC-NY10854,NJDEP,PADEP	02/09/2023 11:25	KH
99-09-2	3-Nitroaniline	ND		ug/kg dry	97.7	195	2	EPA 8270D Certifications:	02/08/2023 08:08 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	02/09/2023 11:25	KH
534-52-1	4,6-Dinitro-2-methylphenol	ND	CAL-E	ug/kg dry	97.7	195	2	EPA 8270D Certifications:	02/08/2023 08:08 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	02/09/2023 11:25	KH
101-55-3	4-Bromophenyl phenyl ether	ND		ug/kg dry	49.0	97.7	2	EPA 8270D Certifications:	02/08/2023 08:08 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	02/09/2023 11:25	KH
59-50-7	4-Chloro-3-methylphenol	ND		ug/kg dry	49.0	97.7	2	EPA 8270D Certifications:	02/08/2023 08:08 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	02/09/2023 11:25	KH
106-47-8	4-Chloroaniline	ND		ug/kg dry	49.0	97.7	2	EPA 8270D Certifications:	02/08/2023 08:08 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	02/09/2023 11:25	KH
7005-72-3	4-Chlorophenyl phenyl ether	ND		ug/kg dry	49.0	97.7	2	EPA 8270D Certifications:	02/08/2023 08:08 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	02/09/2023 11:25	KH
100-01-6	4-Nitroaniline	ND		ug/kg dry	97.7	195	2	EPA 8270D Certifications:	02/08/2023 08:08 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	02/09/2023 11:25	KH
100-02-7	4-Nitrophenol	ND		ug/kg dry	97.7	195	2	EPA 8270D Certifications:	02/08/2023 08:08 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	02/09/2023 11:25	KH
83-32-9	Acenaphthene	ND		ug/kg dry	49.0	97.7	2	EPA 8270D Certifications:	02/08/2023 08:08 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	02/09/2023 11:25	KH
208-96-8	Acenaphthylene	ND		ug/kg dry	49.0	97.7	2	EPA 8270D Certifications:	02/08/2023 08:08 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	02/09/2023 11:25	KH
98-86-2	Acetophenone	ND		ug/kg dry	49.0	97.7	2	EPA 8270D Certifications:	02/08/2023 08:08 NELAC-NY10854,NJDEP,PADEP	02/09/2023 11:25	KH
62-53-3	Aniline	ND		ug/kg dry	196	391	2	EPA 8270D Certifications:	02/08/2023 08:08 NELAC-NY10854,NJDEP,PADEP	02/09/2023 11:25	KH
120-12-7	**Anthracene**	**109**		ug/kg dry	49.0	97.7	2	EPA 8270D Certifications:	02/08/2023 08:08 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	02/09/2023 11:25	KH
1912-24-9	Atrazine	ND		ug/kg dry	49.0	97.7	2	EPA 8270D Certifications:	02/08/2023 08:08 NELAC-NY10854,NJDEP,PADEP	02/09/2023 11:25	KH
100-52-7	Benzaldehyde	ND		ug/kg dry	49.0	97.7	2	EPA 8270D Certifications:	02/08/2023 08:08 NELAC-NY10854,NJDEP,PADEP	02/09/2023 11:25	KH
92-87-5	Benzidine	ND		ug/kg dry	196	391	2	EPA 8270D Certifications:	02/08/2023 08:08 CTDOH-PH-0723,NELAC-NY10854,PADEP	02/09/2023 11:25	KH
56-55-3	**Benzo(a)anthracene**	**359**		ug/kg dry	49.0	97.7	2	EPA 8270D Certifications:	02/08/2023 08:08 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	02/09/2023 11:25	KH
50-32-8	**Benzo(a)pyrene**	**300**		ug/kg dry	49.0	97.7	2	EPA 8270D Certifications:	02/08/2023 08:08 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	02/09/2023 11:25	KH
205-99-2	**Benzo(b)fluoranthene**	**280**		ug/kg dry	49.0	97.7	2	EPA 8270D Certifications:	02/08/2023 08:08 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	02/09/2023 11:25	KH

Sample Information

Client Sample ID: SB-8 (3-5 ft) **York Sample ID:** 23B0078-16

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23B0078	B 62nd Street	Soil	February 1, 2023 2:35 pm	02/02/2023

Semi-Volatiles, 8270 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
191-24-2	**Benzo(g,h,i)perylene**	**180**		ug/kg dry	49.0	97.7	2	EPA 8270D Certifications:	02/08/2023 08:08	02/09/2023 11:25 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	KH
207-08-9	**Benzo(k)fluoranthene**	**270**		ug/kg dry	49.0	97.7	2	EPA 8270D Certifications:	02/08/2023 08:08	02/09/2023 11:25 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	KH
65-85-0	Benzoic acid	ND	QL-02	ug/kg dry	49.0	97.7	2	EPA 8270D Certifications:	02/08/2023 08:08	02/09/2023 11:25 NELAC-NY10854,NJDEP,PADEP	KH
100-51-6	Benzyl alcohol	ND		ug/kg dry	49.0	97.7	2	EPA 8270D Certifications:	02/08/2023 08:08	02/09/2023 11:25 NELAC-NY10854,NJDEP,PADEP	KH
85-68-7	**Benzyl butyl phthalate**	**120**		ug/kg dry	49.0	97.7	2	EPA 8270D Certifications:	02/08/2023 08:08	02/09/2023 11:25 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	KH
111-91-1	Bis(2-chloroethoxy)methane	ND		ug/kg dry	49.0	97.7	2	EPA 8270D Certifications:	02/08/2023 08:08	02/09/2023 11:25 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	KH
111-44-4	Bis(2-chloroethyl)ether	ND		ug/kg dry	49.0	97.7	2	EPA 8270D Certifications:	02/08/2023 08:08	02/09/2023 11:25 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	KH
108-60-1	Bis(2-chloroisopropyl)ether	ND		ug/kg dry	49.0	97.7	2	EPA 8270D Certifications:	02/08/2023 08:08	02/09/2023 11:25 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	KH
117-81-7	**Bis(2-ethylhexyl)phthalate**	**420**		ug/kg dry	49.0	97.7	2	EPA 8270D Certifications:	02/08/2023 08:08	02/09/2023 11:25 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	KH
105-60-2	Caprolactam	ND		ug/kg dry	97.7	195	2	EPA 8270D Certifications:	02/08/2023 08:08	02/09/2023 11:25 NELAC-NY10854,NJDEP,PADEP	KH
86-74-8	Carbazole	ND		ug/kg dry	49.0	97.7	2	EPA 8270D Certifications:	02/08/2023 08:08	02/09/2023 11:25 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	KH
218-01-9	**Chrysene**	**362**		ug/kg dry	49.0	97.7	2	EPA 8270D Certifications:	02/08/2023 08:08	02/09/2023 11:25 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	KH
53-70-3	**Dibenzo(a,h)anthracene**	**66.4**	J	ug/kg dry	49.0	97.7	2	EPA 8270D Certifications:	02/08/2023 08:08	02/09/2023 11:25 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	KH
132-64-9	Dibenzofuran	ND		ug/kg dry	49.0	97.7	2	EPA 8270D Certifications:	02/08/2023 08:08	02/09/2023 11:25 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	KH
84-66-2	Diethyl phthalate	ND		ug/kg dry	49.0	97.7	2	EPA 8270D Certifications:	02/08/2023 08:08	02/09/2023 11:25 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	KH
131-11-3	Dimethyl phthalate	ND		ug/kg dry	49.0	97.7	2	EPA 8270D Certifications:	02/08/2023 08:08	02/09/2023 11:25 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	KH
84-74-2	Di-n-butyl phthalate	ND		ug/kg dry	49.0	97.7	2	EPA 8270D Certifications:	02/08/2023 08:08	02/09/2023 11:25 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	KH
117-84-0	**Di-n-octyl phthalate**	**471**		ug/kg dry	49.0	97.7	2	EPA 8270D Certifications:	02/08/2023 08:08	02/09/2023 11:25 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	KH
122-39-4	* Diphenylamine	ND		ug/kg dry	97.7	195	2	EPA 8270D Certifications:	02/08/2023 08:08	02/09/2023 11:25	KH
206-44-0	**Fluoranthene**	**581**		ug/kg dry	49.0	97.7	2	EPA 8270D Certifications:	02/08/2023 08:08	02/09/2023 11:25 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	KH
86-73-7	Fluorene	ND		ug/kg dry	49.0	97.7	2	EPA 8270D Certifications:	02/08/2023 08:08	02/09/2023 11:25 NELAC-NY10854,NJDEP,PADEP	KH
118-74-1	Hexachlorobenzene	ND		ug/kg dry	49.0	97.7	2	EPA 8270D Certifications:	02/08/2023 08:08	02/09/2023 11:25 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	KH
87-68-3	Hexachlorobutadiene	ND		ug/kg dry	49.0	97.7	2	EPA 8270D Certifications:	02/08/2023 08:08	02/09/2023 11:25 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	KH

Sample Information

Client Sample ID: SB-8 (3-5 ft) **York Sample ID:** 23B0078-16

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23B0078	B 62nd Street	Soil	February 1, 2023 2:35 pm	02/02/2023

Semi-Volatiles, 8270 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
77-47-4	Hexachlorocyclopentadiene	ND		ug/kg dry	49.0	97.7	2	EPA 8270D Certifications:	02/08/2023 08:08 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	02/09/2023 11:25	KH
67-72-1	Hexachloroethane	ND		ug/kg dry	49.0	97.7	2	EPA 8270D Certifications:	02/08/2023 08:08 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	02/09/2023 11:25	KH
193-39-5	**Indeno(1,2,3-cd)pyrene**	**205**		ug/kg dry	49.0	97.7	2	EPA 8270D Certifications:	02/08/2023 08:08 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	02/09/2023 11:25	KH
78-59-1	Isophorone	ND		ug/kg dry	49.0	97.7	2	EPA 8270D Certifications:	02/08/2023 08:08 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	02/09/2023 11:25	KH
91-20-3	Naphthalene	ND		ug/kg dry	49.0	97.7	2	EPA 8270D Certifications:	02/08/2023 08:08 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	02/09/2023 11:25	KH
98-95-3	Nitrobenzene	ND		ug/kg dry	49.0	97.7	2	EPA 8270D Certifications:	02/08/2023 08:08 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	02/09/2023 11:25	KH
62-75-9	N-Nitrosodimethylamine	ND	CCVE	ug/kg dry	49.0	97.7	2	EPA 8270D Certifications:	02/08/2023 08:08 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	02/09/2023 11:25	KH
621-64-7	N-nitroso-di-n-propylamine	ND		ug/kg dry	49.0	97.7	2	EPA 8270D Certifications:	02/08/2023 08:08 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	02/09/2023 11:25	KH
86-30-6	N-Nitrosodiphenylamine	ND		ug/kg dry	49.0	97.7	2	EPA 8270D Certifications:	02/08/2023 08:08 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	02/09/2023 11:25	KH
87-86-5	Pentachlorophenol	ND	CAL-E	ug/kg dry	49.0	97.7	2	EPA 8270D Certifications:	02/08/2023 08:08 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	02/09/2023 11:25	KH
85-01-8	**Phenanthrene**	**411**		ug/kg dry	49.0	97.7	2	EPA 8270D Certifications:	02/08/2023 08:08 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	02/09/2023 11:25	KH
108-95-2	Phenol	ND		ug/kg dry	49.0	97.7	2	EPA 8270D Certifications:	02/08/2023 08:08 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	02/09/2023 11:25	KH
129-00-0	**Pyrene**	**703**		ug/kg dry	49.0	97.7	2	EPA 8270D Certifications:	02/08/2023 08:08 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	02/09/2023 11:25	KH

	Surrogate Recoveries	Result	Acceptance Range
367-12-4	*Surrogate: SURR: 2-Fluorophenol*	*51.4 %*	*20-108*
13127-88-3	*Surrogate: SURR: Phenol-d6*	*50.7 %*	*23-114*
4165-60-0	*Surrogate: SURR: Nitrobenzene-d5*	*47.2 %*	*22-108*
321-60-8	*Surrogate: SURR: 2-Fluorobiphenyl*	*52.7 %*	*21-113*
118-79-6	*Surrogate: SURR: 2,4,6-Tribromophenol*	*75.0 %*	*19-110*
1718-51-0	*Surrogate: SURR: Terphenyl-d14*	*82.6 %*	*24-116*

Pesticides, 8081 target list

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
72-54-8	4,4'-DDD	ND		ug/kg dry	1.93	5	EPA 8081B Certifications:	02/06/2023 08:07 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	02/10/2023 06:26	BJ-
72-55-9	4,4'-DDE	ND	P	ug/kg dry	1.93	5	EPA 8081B Certifications:	02/06/2023 08:07 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	02/10/2023 06:26	BJ-

Sample Information

Client Sample ID: SB-8 (3-5 ft) **York Sample ID:** 23B0078-16

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23B0078	B 62nd Street	Soil	February 1, 2023 2:35 pm	02/02/2023

Pesticides, 8081 target list

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
50-29-3	4,4'-DDT	ND	P	ug/kg dry	1.93	5	EPA 8081B Certifications:	02/06/2023 08:07 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	02/10/2023 06:26	BJ-
309-00-2	Aldrin	ND		ug/kg dry	1.93	5	EPA 8081B Certifications:	02/06/2023 08:07 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	02/10/2023 06:26	BJ-
319-84-6	alpha-BHC	ND		ug/kg dry	1.93	5	EPA 8081B Certifications:	02/06/2023 08:07 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	02/10/2023 06:26	BJ-
319-85-7	beta-BHC	ND		ug/kg dry	1.93	5	EPA 8081B Certifications:	02/06/2023 08:07 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	02/10/2023 06:26	BJ-
12789-03-6	Chlordane, total	ND		ug/kg dry	38.7	5	EPA 8081B Certifications:	02/06/2023 08:07 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	02/10/2023 06:26	BJ-
319-86-8	delta-BHC	ND		ug/kg dry	1.93	5	EPA 8081B Certifications:	02/06/2023 08:07 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	02/10/2023 06:26	BJ-
60-57-1	Dieldrin	ND	P	ug/kg dry	1.93	5	EPA 8081B Certifications:	02/06/2023 08:07 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	02/10/2023 06:26	BJ-
959-98-8	Endosulfan I	ND		ug/kg dry	1.93	5	EPA 8081B Certifications:	02/06/2023 08:07 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	02/10/2023 06:26	BJ-
33213-65-9	Endosulfan II	ND		ug/kg dry	1.93	5	EPA 8081B Certifications:	02/06/2023 08:07 CTDOH-PH-0723,NELAC-NY10854	02/10/2023 06:26	BJ-
1031-07-8	Endosulfan sulfate	ND		ug/kg dry	1.93	5	EPA 8081B Certifications:	02/06/2023 08:07 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	02/10/2023 06:26	BJ-
72-20-8	Endrin	ND		ug/kg dry	1.93	5	EPA 8081B Certifications:	02/06/2023 08:07 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	02/10/2023 06:26	BJ-
7421-93-4	Endrin aldehyde	ND		ug/kg dry	1.93	5	EPA 8081B Certifications:	02/06/2023 08:07 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	02/10/2023 06:26	BJ-
53494-70-5	Endrin ketone	ND		ug/kg dry	1.93	5	EPA 8081B Certifications:	02/06/2023 08:07 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	02/10/2023 06:26	BJ-
58-89-9	gamma-BHC (Lindane)	ND		ug/kg dry	1.93	5	EPA 8081B Certifications:	02/06/2023 08:07 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	02/10/2023 06:26	BJ-
76-44-8	Heptachlor	ND		ug/kg dry	1.93	5	EPA 8081B Certifications:	02/06/2023 08:07 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	02/10/2023 06:26	BJ-
1024-57-3	Heptachlor epoxide	ND		ug/kg dry	1.93	5	EPA 8081B Certifications:	02/06/2023 08:07 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	02/10/2023 06:26	BJ-
72-43-5	Methoxychlor	ND		ug/kg dry	9.67	5	EPA 8081B Certifications:	02/06/2023 08:07 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	02/10/2023 06:26	BJ-
8001-35-2	Toxaphene	ND		ug/kg dry	97.9	5	EPA 8081B Certifications:	02/06/2023 08:07 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	02/10/2023 06:26	BJ-

	Surrogate Recoveries	Result	Acceptance Range
2051-24-3	*Surrogate: Decachlorobiphenyl*	*73.7 %*	*30-150*
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*76.7 %*	*30-150*

Polychlorinated Biphenyls (PCB)

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst

Sample Information

Client Sample ID: SB-8 (3-5 ft) **York Sample ID:** 23B0078-16

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23B0078	B 62nd Street	Soil	February 1, 2023 2:35 pm	02/02/2023

Polychlorinated Biphenyls (PCB)

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
12674-11-2	Aroclor 1016	ND		mg/kg dry	0.0195	1	EPA 8082A Certifications:	02/06/2023 08:07 NELAC-NY10854,CTDOH-PH-0723,NJDEP,PADEP	02/10/2023 08:51	BJ
11104-28-2	Aroclor 1221	ND		mg/kg dry	0.0195	1	EPA 8082A Certifications:	02/06/2023 08:07 NELAC-NY10854,CTDOH-PH-0723,NJDEP,PADEP	02/10/2023 08:51	BJ
11141-16-5	Aroclor 1232	ND		mg/kg dry	0.0195	1	EPA 8082A Certifications:	02/06/2023 08:07 NELAC-NY10854,CTDOH-PH-0723,NJDEP,PADEP	02/10/2023 08:51	BJ
53469-21-9	Aroclor 1242	ND		mg/kg dry	0.0195	1	EPA 8082A Certifications:	02/06/2023 08:07 NELAC-NY10854,CTDOH-PH-0723,NJDEP,PADEP	02/10/2023 08:51	BJ
12672-29-6	Aroclor 1248	ND		mg/kg dry	0.0195	1	EPA 8082A Certifications:	02/06/2023 08:07 NELAC-NY10854,CTDOH-PH-0723,NJDEP,PADEP	02/10/2023 08:51	BJ
11097-69-1	Aroclor 1254	ND		mg/kg dry	0.0195	1	EPA 8082A Certifications:	02/06/2023 08:07 NELAC-NY10854,CTDOH-PH-0723,NJDEP,PADEP	02/10/2023 08:51	BJ
11096-82-5	Aroclor 1260	ND		mg/kg dry	0.0195	1	EPA 8082A Certifications:	02/06/2023 08:07 NELAC-NY10854,CTDOH-PH-0723,NJDEP,PADEP	02/10/2023 08:51	BJ
1336-36-3	* Total PCBs	ND		mg/kg dry	0.0195	1	EPA 8082A Certifications:	02/06/2023 08:07	02/10/2023 08:51	BJ

	Surrogate Recoveries	Result	Acceptance Range
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*90.0 %*	*30-140*
2051-24-3	*Surrogate: Decachlorobiphenyl*	*90.5 %*	*30-140*

Metals, Target Analyte

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7429-90-5	**Aluminum**	**5160**		mg/kg dry	4.90	1	EPA 6010D Certifications:	02/09/2023 13:35 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	02/10/2023 17:07	CW
7440-36-0	**Antimony**	**15.0**	M-CCV 1	mg/kg dry	2.45	1	EPA 6010D Certifications:	02/09/2023 13:35 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	02/10/2023 17:07	CW
7440-38-2	**Arsenic**	**19.3**		mg/kg dry	1.47	1	EPA 6010D Certifications:	02/09/2023 13:35 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	02/10/2023 17:07	CW
7440-39-3	**Barium**	**427**		mg/kg dry	2.45	1	EPA 6010D Certifications:	02/09/2023 13:35 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	02/10/2023 17:07	CW
7440-41-7	**Beryllium**	**0.225**		mg/kg dry	0.049	1	EPA 6010D Certifications:	02/09/2023 13:35 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	02/10/2023 17:07	CW
7440-43-9	**Cadmium**	**1.38**		mg/kg dry	0.294	1	EPA 6010D Certifications:	02/09/2023 13:35 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	02/10/2023 17:07	CW
7440-70-2	**Calcium**	**7760**		mg/kg dry	4.90	1	EPA 6010D Certifications:	02/09/2023 13:35 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	02/10/2023 17:07	CW
7440-47-3	**Chromium**	**19.5**		mg/kg dry	0.490	1	EPA 6010D Certifications:	02/09/2023 13:35 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	02/10/2023 17:07	CW
7440-48-4	**Cobalt**	**7.81**		mg/kg dry	0.392	1	EPA 6010D Certifications:	02/09/2023 13:35 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	02/10/2023 17:07	CW

Sample Information

Client Sample ID: SB-8 (3-5 ft) **York Sample ID:** 23B0078-16

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23B0078	B 62nd Street	Soil	February 1, 2023 2:35 pm	02/02/2023

Metals, Target Analyte

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-50-8	**Copper**	**322**		mg/kg dry	1.96	1	EPA 6010D	02/09/2023 13:35	02/10/2023 17:07	CW
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7439-89-6	**Iron**	**58800**		mg/kg dry	24.5	1	EPA 6010D	02/09/2023 13:35	02/10/2023 17:07	CW
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7439-92-1	**Lead**	**1130**		mg/kg dry	0.490	1	EPA 6010D	02/09/2023 13:35	02/10/2023 17:07	CW
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7439-95-4	**Magnesium**	**3030**		mg/kg dry	4.90	1	EPA 6010D	02/09/2023 13:35	02/10/2023 17:07	CW
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7439-96-5	**Manganese**	**354**		mg/kg dry	0.490	1	EPA 6010D	02/09/2023 13:35	02/10/2023 17:07	CW
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7440-02-0	**Nickel**	**35.8**		mg/kg dry	0.976	1	EPA 6010D	02/09/2023 13:35	02/10/2023 17:07	CW
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7440-09-7	**Potassium**	**373**	B	mg/kg dry	4.90	1	EPA 6010D	02/09/2023 13:35	02/10/2023 17:07	CW
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7782-49-2	Selenium	ND		mg/kg dry	2.45	1	EPA 6010D	02/09/2023 13:35	02/10/2023 17:07	CW
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7440-22-4	Silver	ND		mg/kg dry	0.494	1	EPA 6010D	02/09/2023 13:35	02/10/2023 17:07	CW
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7440-23-5	**Sodium**	**186**		mg/kg dry	49.0	1	EPA 6010D	02/09/2023 13:35	02/10/2023 17:07	CW
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7440-28-0	**Thallium**	**3.12**		mg/kg dry	2.45	1	EPA 6010D	02/09/2023 13:35	02/10/2023 17:07	CW
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7440-62-2	**Vanadium**	**12.5**		mg/kg dry	0.976	1	EPA 6010D	02/09/2023 13:35	02/10/2023 17:07	CW
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7440-66-6	**Zinc**	**1120**		mg/kg dry	2.44	1	EPA 6010D	02/09/2023 13:35	02/10/2023 17:07	CW
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		

Mercury by 7473

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 7473 soil

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	**Mercury**	**0.312**		mg/kg dry	0.0353	1	EPA 7473	02/07/2023 11:17	02/07/2023 16:36	PDL
							Certifications:	CTDOH-PH-0723,NJDEP,NELAC-NY10854,PADEP		

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**	**85.0**		%	0.100	1	SM 2540G	02/07/2023 07:41	02/07/2023 12:53	sgs
							Certifications:	CTDOH-PH-0723		

Analytical Batch Summary

Batch ID: BB30195 **Preparation Method:** EPA 5035A **Prepared By:** FTR

YORK Sample ID	Client Sample ID	Preparation Date
23B0078-01	SB-1 (0-2 ft)	02/03/23
23B0078-02	SB-1 (3-5 ft)	02/03/23
23B0078-03	SB-2 (0-2 ft)	02/03/23
23B0078-04	SB-2 (5-7 ft)	02/03/23
23B0078-05	SB-3 (0-2 ft)	02/03/23
23B0078-06	SB-3 (4-6 ft)	02/03/23
23B0078-07	SB-4 (0-2 ft)	02/03/23
23B0078-08	SB-4 (5-7 ft)	02/03/23
23B0078-09	SB-5 (0-2 ft)	02/03/23
23B0078-10	SB-5 (4-6 ft)	02/03/23
BB30195-BLK1	Blank	02/03/23
BB30195-BS1	LCS	02/03/23
BB30195-BSD1	LCS Dup	02/03/23

Batch ID: BB30196 **Preparation Method:** EPA 5035A **Prepared By:** FTR

YORK Sample ID	Client Sample ID	Preparation Date
23B0078-11	SB-6 (0-2 ft)	02/03/23
23B0078-12	SB-6 (5-7 ft)	02/03/23
23B0078-13	SB-7 (0-2 ft)	02/03/23
23B0078-14	SB-7 (3-5 ft)	02/03/23
23B0078-15	SB-8 (0-2 ft)	02/03/23
23B0078-16	SB-8 (3-5 ft)	02/03/23
BB30196-BLK1	Blank	02/03/23
BB30196-BLK2	Blank	02/03/23
BB30196-BS1	LCS	02/03/23
BB30196-BSD1	LCS Dup	02/03/23

Batch ID: BB30210 **Preparation Method:** EPA 7473 soil **Prepared By:** BML

YORK Sample ID	Client Sample ID	Preparation Date
23B0078-01	SB-1 (0-2 ft)	02/03/23
BB30210-BLK1	Blank	02/03/23
BB30210-DUP1	Duplicate	02/03/23
BB30210-MS1	Matrix Spike	02/03/23
BB30210-SRM1	Reference	02/03/23

Batch ID: BB30243 **Preparation Method:** EPA 3550C **Prepared By:** CLO

YORK Sample ID	Client Sample ID	Preparation Date
23B0078-01	SB-1 (0-2 ft)	02/05/23
23B0078-02	SB-1 (3-5 ft)	02/05/23
23B0078-03	SB-2 (0-2 ft)	02/05/23
BB30243-BLK1	Blank	02/05/23

BB30243-BS1	LCS	02/05/23
BB30243-MS1	Matrix Spike	02/05/23
BB30243-MSD1	Matrix Spike Dup	02/05/23

Batch ID: BB30259 **Preparation Method:** EPA 3550C **Prepared By:** JLM

YORK Sample ID	Client Sample ID	Preparation Date
23B0078-10	SB-5 (4-6 ft)	02/06/23
23B0078-10	SB-5 (4-6 ft)	02/06/23
23B0078-11	SB-6 (0-2 ft)	02/06/23
23B0078-11	SB-6 (0-2 ft)	02/06/23
23B0078-12	SB-6 (5-7 ft)	02/06/23
23B0078-12	SB-6 (5-7 ft)	02/06/23
23B0078-13	SB-7 (0-2 ft)	02/06/23
23B0078-13	SB-7 (0-2 ft)	02/06/23
23B0078-14	SB-7 (3-5 ft)	02/06/23
23B0078-14	SB-7 (3-5 ft)	02/06/23
23B0078-15	SB-8 (0-2 ft)	02/06/23
23B0078-15	SB-8 (0-2 ft)	02/06/23
23B0078-16	SB-8 (3-5 ft)	02/06/23
23B0078-16	SB-8 (3-5 ft)	02/06/23
BB30259-BLK1	Blank	02/06/23
BB30259-BLK2	Blank	02/06/23
BB30259-BS1	LCS	02/06/23
BB30259-BS2	LCS	02/06/23

Batch ID: BB30324 **Preparation Method:** % Solids Prep **Prepared By:** S_S

YORK Sample ID	Client Sample ID	Preparation Date
23B0078-01	SB-1 (0-2 ft)	02/06/23
23B0078-02	SB-1 (3-5 ft)	02/06/23
23B0078-03	SB-2 (0-2 ft)	02/06/23
23B0078-04	SB-2 (5-7 ft)	02/06/23
BB30324-DUP1	Duplicate	02/06/23

Batch ID: BB30333 **Preparation Method:** % Solids Prep **Prepared By:** sgs

YORK Sample ID	Client Sample ID	Preparation Date
23B0078-05	SB-3 (0-2 ft)	02/07/23
23B0078-06	SB-3 (4-6 ft)	02/07/23
23B0078-07	SB-4 (0-2 ft)	02/07/23
23B0078-08	SB-4 (5-7 ft)	02/07/23
23B0078-09	SB-5 (0-2 ft)	02/07/23
23B0078-10	SB-5 (4-6 ft)	02/07/23
23B0078-11	SB-6 (0-2 ft)	02/07/23
23B0078-12	SB-6 (5-7 ft)	02/07/23
23B0078-13	SB-7 (0-2 ft)	02/07/23
23B0078-14	SB-7 (3-5 ft)	02/07/23
23B0078-15	SB-8 (0-2 ft)	02/07/23
23B0078-16	SB-8 (3-5 ft)	02/07/23

BB30333-DUP1	Duplicate	02/07/23

Batch ID: BB30336 **Preparation Method:** EPA 3550C **Prepared By:** JLM

YORK Sample ID	Client Sample ID	Preparation Date
23B0078-01	SB-1 (0-2 ft)	02/07/23
23B0078-01	SB-1 (0-2 ft)	02/07/23
23B0078-02	SB-1 (3-5 ft)	02/07/23
23B0078-02	SB-1 (3-5 ft)	02/07/23
23B0078-03	SB-2 (0-2 ft)	02/07/23
23B0078-03	SB-2 (0-2 ft)	02/07/23
23B0078-04	SB-2 (5-7 ft)	02/07/23
23B0078-04	SB-2 (5-7 ft)	02/07/23
23B0078-05	SB-3 (0-2 ft)	02/07/23
23B0078-05	SB-3 (0-2 ft)	02/07/23
23B0078-06	SB-3 (4-6 ft)	02/07/23
23B0078-06	SB-3 (4-6 ft)	02/07/23
23B0078-07	SB-4 (0-2 ft)	02/07/23
23B0078-07	SB-4 (0-2 ft)	02/07/23
23B0078-08	SB-4 (5-7 ft)	02/07/23
23B0078-08	SB-4 (5-7 ft)	02/07/23
23B0078-09	SB-5 (0-2 ft)	02/07/23
23B0078-09	SB-5 (0-2 ft)	02/07/23
BB30336-BLK1	Blank	02/07/23
BB30336-BLK2	Blank	02/07/23
BB30336-BS1	LCS	02/07/23
BB30336-BS2	LCS	02/07/23
BB30336-MS2	Matrix Spike	02/07/23
BB30336-MSD2	Matrix Spike Dup	02/07/23

Batch ID: BB30374 **Preparation Method:** EPA 7473 soil **Prepared By:** BML

YORK Sample ID	Client Sample ID	Preparation Date
23B0078-02	SB-1 (3-5 ft)	02/07/23
23B0078-03	SB-2 (0-2 ft)	02/07/23
23B0078-04	SB-2 (5-7 ft)	02/07/23
23B0078-05	SB-3 (0-2 ft)	02/07/23
23B0078-06	SB-3 (4-6 ft)	02/07/23
23B0078-07	SB-4 (0-2 ft)	02/07/23
23B0078-08	SB-4 (5-7 ft)	02/07/23
23B0078-09	SB-5 (0-2 ft)	02/07/23
23B0078-10	SB-5 (4-6 ft)	02/07/23
23B0078-11	SB-6 (0-2 ft)	02/07/23
23B0078-12	SB-6 (5-7 ft)	02/07/23
23B0078-13	SB-7 (0-2 ft)	02/07/23
23B0078-14	SB-7 (3-5 ft)	02/07/23
23B0078-15	SB-8 (0-2 ft)	02/07/23
23B0078-16	SB-8 (3-5 ft)	02/07/23
BB30374-BLK1	Blank	02/07/23
BB30374-DUP1	Duplicate	02/07/23
BB30374-MS1	Matrix Spike	02/07/23

BB30374-SRM1	Reference	02/07/23

Batch ID: BB30424 **Preparation Method:** EPA 3550C **Prepared By:** JLM

YORK Sample ID	Client Sample ID	Preparation Date
23B0078-04	SB-2 (5-7 ft)	02/08/23
23B0078-05	SB-3 (0-2 ft)	02/08/23
23B0078-06	SB-3 (4-6 ft)	02/08/23
23B0078-07	SB-4 (0-2 ft)	02/08/23
23B0078-08	SB-4 (5-7 ft)	02/08/23
23B0078-09	SB-5 (0-2 ft)	02/08/23
23B0078-10	SB-5 (4-6 ft)	02/08/23
23B0078-11	SB-6 (0-2 ft)	02/08/23
23B0078-12	SB-6 (5-7 ft)	02/08/23
23B0078-12RE1	SB-6 (5-7 ft)	02/08/23
23B0078-12RE2	SB-6 (5-7 ft)	02/08/23
23B0078-13	SB-7 (0-2 ft)	02/08/23
23B0078-14	SB-7 (3-5 ft)	02/08/23
23B0078-15	SB-8 (0-2 ft)	02/08/23
23B0078-16	SB-8 (3-5 ft)	02/08/23
BB30424-BLK1	Blank	02/08/23
BB30424-BS1	LCS	02/08/23
BB30424-MS1	Matrix Spike	02/08/23
BB30424-MSD1	Matrix Spike Dup	02/08/23

Batch ID: BB30523 **Preparation Method:** EPA 3050B **Prepared By:** MCS

YORK Sample ID	Client Sample ID	Preparation Date
23B0078-01	SB-1 (0-2 ft)	02/09/23
23B0078-02	SB-1 (3-5 ft)	02/09/23
23B0078-03	SB-2 (0-2 ft)	02/09/23
23B0078-04	SB-2 (5-7 ft)	02/09/23
23B0078-05	SB-3 (0-2 ft)	02/09/23
23B0078-06	SB-3 (4-6 ft)	02/09/23
23B0078-07	SB-4 (0-2 ft)	02/09/23
23B0078-08	SB-4 (5-7 ft)	02/09/23
23B0078-09	SB-5 (0-2 ft)	02/09/23
23B0078-10	SB-5 (4-6 ft)	02/09/23
23B0078-11	SB-6 (0-2 ft)	02/09/23
BB30523-BLK1	Blank	02/09/23
BB30523-DUP1	Duplicate	02/09/23
BB30523-MS1	Matrix Spike	02/09/23
BB30523-PS1	Post Spike	02/09/23
BB30523-SRM1	Reference	02/09/23

Batch ID: BB30552 **Preparation Method:** EPA 3050B **Prepared By:** cw

YORK Sample ID	Client Sample ID	Preparation Date
23B0078-12	SB-6 (5-7 ft)	02/09/23
23B0078-12RE1	SB-6 (5-7 ft)	02/09/23

23B0078-13	SB-7 (0-2 ft)	02/09/23
23B0078-14	SB-7 (3-5 ft)	02/09/23
23B0078-15	SB-8 (0-2 ft)	02/09/23
23B0078-16	SB-8 (3-5 ft)	02/09/23
BB30552-BLK1	Blank	02/09/23
BB30552-DUP1	Duplicate	02/09/23
BB30552-MS1	Matrix Spike	02/09/23
BB30552-PS1	Post Spike	02/09/23
BB30552-SRM1	Reference	02/09/23

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BB30195 - EPA 5035A											
Blank (BB30195-BLK1)											Prepared & Analyzed: 02/03/2023
1,1,1,2-Tetrachloroethane	ND	5.0	ug/kg wet								
1,1,1-Trichloroethane	ND	5.0	"								
1,1,2,2-Tetrachloroethane	ND	5.0	"								
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	5.0	"								
1,1,2-Trichloroethane	ND	5.0	"								
1,1-Dichloroethane	ND	5.0	"								
1,1-Dichloroethylene	ND	5.0	"								
1,2,3-Trichlorobenzene	ND	5.0	"								
1,2,3-Trichloropropane	ND	5.0	"								
1,2,4-Trichlorobenzene	ND	5.0	"								
1,2,4-Trimethylbenzene	ND	5.0	"								
1,2-Dibromo-3-chloropropane	ND	5.0	"								
1,2-Dibromoethane	ND	5.0	"								
1,2-Dichlorobenzene	ND	5.0	"								
1,2-Dichloroethane	ND	5.0	"								
1,2-Dichloropropane	ND	5.0	"								
1,3,5-Trimethylbenzene	ND	5.0	"								
1,3-Dichlorobenzene	ND	5.0	"								
1,4-Dichlorobenzene	ND	5.0	"								
1,4-Dioxane	ND	100	"								
2-Butanone	ND	5.0	"								
2-Hexanone	ND	5.0	"								
4-Methyl-2-pentanone	ND	5.0	"								
Acetone	ND	10	"								
Acrolein	ND	10	"								
Acrylonitrile	ND	5.0	"								
Benzene	ND	5.0	"								
Bromochloromethane	ND	5.0	"								
Bromodichloromethane	ND	5.0	"								
Bromoform	ND	5.0	"								
Bromomethane	ND	5.0	"								
Carbon disulfide	ND	5.0	"								
Carbon tetrachloride	ND	5.0	"								
Chlorobenzene	ND	5.0	"								
Chloroethane	ND	5.0	"								
Chloroform	ND	5.0	"								
Chloromethane	ND	5.0	"								
cis-1,2-Dichloroethylene	ND	5.0	"								
cis-1,3-Dichloropropylene	ND	5.0	"								
Cyclohexane	ND	5.0	"								
Dibromochloromethane	ND	5.0	"								
Dibromomethane	ND	5.0	"								
Dichlorodifluoromethane	ND	5.0	"								
Ethyl Benzene	ND	5.0	"								
Hexachlorobutadiene	ND	5.0	"								
Isopropylbenzene	ND	5.0	"								
Methyl acetate	ND	5.0	"								
Methyl tert-butyl ether (MTBE)	ND	5.0	"								
Methylcyclohexane	ND	5.0	"								

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BB30195 - EPA 5035A											
Blank (BB30195-BLK1)											Prepared & Analyzed: 02/03/2023
Methylene chloride	ND	10	ug/kg wet								
n-Butylbenzene	ND	5.0	"								
n-Propylbenzene	ND	5.0	"								
o-Xylene	ND	5.0	"								
p- & m- Xylenes	ND	10	"								
p-Isopropyltoluene	ND	5.0	"								
sec-Butylbenzene	ND	5.0	"								
Styrene	ND	5.0	"								
tert-Butyl alcohol (TBA)	ND	5.0	"								
tert-Butylbenzene	ND	5.0	"								
Tetrachloroethylene	ND	5.0	"								
Toluene	ND	5.0	"								
trans-1,2-Dichloroethylene	ND	5.0	"								
trans-1,3-Dichloropropylene	ND	5.0	"								
trans-1,4-dichloro-2-butene	ND	5.0	"								
Trichloroethylene	ND	5.0	"								
Trichlorofluoromethane	ND	5.0	"								
Vinyl Chloride	ND	5.0	"								
Xylenes, Total	ND	15	"								
Surrogate: SURR: 1,2-Dichloroethane-d4	*50.7*		*ug/L*	*50.0*		*101*	*77-125*				
Surrogate: SURR: Toluene-d8	*46.3*		*"*	*50.0*		*92.5*	*85-120*				
Surrogate: SURR: p-Bromofluorobenzene	*53.0*		*"*	*50.0*		*106*	*76-130*				
LCS (BB30195-BS1)											Prepared & Analyzed: 02/03/2023
1,1,1,2-Tetrachloroethane	50		ug/L	50.0		99.0	75-129				
1,1,1-Trichloroethane	51		"	50.0		102	71-137				
1,1,2,2-Tetrachloroethane	51		"	50.0		102	79-129				
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	53		"	50.0		106	58-146				
1,1,2-Trichloroethane	47		"	50.0		94.6	83-123				
1,1-Dichloroethane	50		"	50.0		100	75-130				
1,1-Dichloroethylene	55		"	50.0		110	64-137				
1,2,3-Trichlorobenzene	46		"	50.0		92.0	81-140				
1,2,3-Trichloropropane	48		"	50.0		96.1	81-126				
1,2,4-Trichlorobenzene	46		"	50.0		92.5	80-141				
1,2,4-Trimethylbenzene	49		"	50.0		97.1	84-125				
1,2-Dibromo-3-chloropropane	49		"	50.0		97.6	74-142				
1,2-Dibromoethane	48		"	50.0		96.9	86-123				
1,2-Dichlorobenzene	47		"	50.0		93.6	85-122				
1,2-Dichloroethane	53		"	50.0		105	71-133				
1,2-Dichloropropane	49		"	50.0		97.2	81-122				
1,3,5-Trimethylbenzene	48		"	50.0		96.3	82-126				
1,3-Dichlorobenzene	46		"	50.0		92.5	84-124				
1,4-Dichlorobenzene	46		"	50.0		92.4	84-124				
1,4-Dioxane	1000		"	1050		99.7	10-228				
2-Butanone	45		"	50.0		90.8	58-147				
2-Hexanone	48		"	50.0		97.0	70-139				
4-Methyl-2-pentanone	51		"	50.0		102	72-132				
Acetone	29		"	50.0		57.6	36-155				
Acrolein	35		"	50.0		70.1	10-238				
Acrylonitrile	53		"	50.0		106	66-141				

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BB30195 - EPA 5035A											
LCS (BB30195-BS1)							Prepared & Analyzed: 02/03/2023				
Benzene	51		ug/L	50.0		102	77-127				
Bromochloromethane	54		"	50.0		108	74-129				
Bromodichloromethane	47		"	50.0		93.6	81-124				
Bromoform	45		"	50.0		91.0	80-136				
Bromomethane	47		"	50.0		93.5	32-177				
Carbon disulfide	56		"	50.0		113	10-136				
Carbon tetrachloride	52		"	50.0		104	66-143				
Chlorobenzene	51		"	50.0		102	86-120				
Chloroethane	53		"	50.0		107	51-142				
Chloroform	51		"	50.0		102	76-131				
Chloromethane	56		"	50.0		113	49-132				
cis-1,2-Dichloroethylene	52		"	50.0		103	74-132				
cis-1,3-Dichloropropylene	47		"	50.0		94.6	81-129				
Cyclohexane	52		"	50.0		104	70-130				
Dibromochloromethane	48		"	50.0		96.6	10-200				
Dibromomethane	46		"	50.0		91.1	83-124				
Dichlorodifluoromethane	54		"	50.0		109	28-158				
Ethyl Benzene	50		"	50.0		99.1	84-125				
Hexachlorobutadiene	45		"	50.0		90.9	83-133				
Isopropylbenzene	50		"	50.0		99.8	81-127				
Methyl acetate	49		"	50.0		97.7	41-143				
Methyl tert-butyl ether (MTBE)	48		"	50.0		95.8	74-131				
Methylcyclohexane	46		"	50.0		92.2	70-130				
Methylene chloride	53		"	50.0		107	57-141				
n-Butylbenzene	48		"	50.0		95.7	80-130				
n-Propylbenzene	49		"	50.0		98.8	74-136				
o-Xylene	51		"	50.0		101	83-123				
p- & m- Xylenes	99		"	100		99.2	82-128				
p-Isopropyltoluene	47		"	50.0		94.0	85-125				
sec-Butylbenzene	49		"	50.0		97.1	83-125				
Styrene	52		"	50.0		104	86-126				
tert-Butyl alcohol (TBA)	240		"	250		97.7	70-130				
tert-Butylbenzene	48		"	50.0		96.0	80-127				
Tetrachloroethylene	42		"	50.0		83.5	80-129				
Toluene	47		"	50.0		94.4	85-121				
trans-1,2-Dichloroethylene	53		"	50.0		105	72-132				
trans-1,3-Dichloropropylene	48		"	50.0		95.5	78-132				
trans-1,4-dichloro-2-butene	52		"	50.0		104	75-135				
Trichloroethylene	47		"	50.0		93.6	84-123				
Trichlorofluoromethane	48		"	50.0		96.9	62-140				
Vinyl Chloride	55		"	50.0		110	52-130				
Surrogate: SURR: 1,2-Dichloroethane-d4	*49.7*		*"*	*50.0*		*99.5*	*77-125*				
Surrogate: SURR: Toluene-d8	*46.6*		*"*	*50.0*		*93.3*	*85-120*				
Surrogate: SURR: p-Bromofluorobenzene	*52.7*		*"*	*50.0*		*105*	*76-130*				

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BB30195 - EPA 5035A											
LCS Dup (BB30195-BSD1)								Prepared & Analyzed: 02/03/2023			
1,1,1,2-Tetrachloroethane	50		ug/L	50.0		100	75-129		1.10	30	
1,1,1-Trichloroethane	53		"	50.0		105	71-137		3.13	30	
1,1,2,2-Tetrachloroethane	53		"	50.0		106	79-129		4.50	30	
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	54		"	50.0		108	58-146		2.15	30	
1,1,2-Trichloroethane	49		"	50.0		98.2	83-123		3.67	30	
1,1-Dichloroethane	51		"	50.0		102	75-130		1.13	30	
1,1-Dichloroethylene	56		"	50.0		113	64-137		2.77	30	
1,2,3-Trichlorobenzene	45		"	50.0		90.9	81-140		1.22	30	
1,2,3-Trichloropropane	52		"	50.0		104	81-126		7.88	30	
1,2,4-Trichlorobenzene	45		"	50.0		89.3	80-141		3.56	30	
1,2,4-Trimethylbenzene	49		"	50.0		98.0	84-125		0.943	30	
1,2-Dibromo-3-chloropropane	51		"	50.0		101	74-142		3.68	30	
1,2-Dibromoethane	51		"	50.0		101	86-123		4.42	30	
1,2-Dichlorobenzene	46		"	50.0		93.0	85-122		0.643	30	
1,2-Dichloroethane	54		"	50.0		107	71-133		1.87	30	
1,2-Dichloropropane	53		"	50.0		106	81-122		8.28	30	
1,3,5-Trimethylbenzene	49		"	50.0		98.9	82-126		2.64	30	
1,3-Dichlorobenzene	47		"	50.0		93.8	84-124		1.37	30	
1,4-Dichlorobenzene	46		"	50.0		91.8	84-124		0.695	30	
1,4-Dioxane	1100		"	1050		103	10-228		3.49	30	
2-Butanone	45		"	50.0		90.3	58-147		0.486	30	
2-Hexanone	52		"	50.0		104	70-139		6.95	30	
4-Methyl-2-pentanone	56		"	50.0		112	72-132		9.25	30	
Acetone	30		"	50.0		59.0	36-155		2.43	30	
Acrolein	36		"	50.0		72.9	10-238		3.89	30	
Acrylonitrile	54		"	50.0		107	66-141		1.22	30	
Benzene	51		"	50.0		102	77-127		0.156	30	
Bromochloromethane	54		"	50.0		108	74-129		0.388	30	
Bromodichloromethane	51		"	50.0		101	81-124		7.96	30	
Bromoform	44		"	50.0		87.7	80-136		3.67	30	
Bromomethane	43		"	50.0		86.8	32-177		7.46	30	
Carbon disulfide	56		"	50.0		113	10-136		0.266	30	
Carbon tetrachloride	53		"	50.0		106	66-143		1.80	30	
Chlorobenzene	51		"	50.0		102	86-120		0.0785	30	
Chloroethane	50		"	50.0		101	51-142		5.74	30	
Chloroform	52		"	50.0		104	76-131		1.85	30	
Chloromethane	47		"	50.0		93.7	49-132		18.2	30	
cis-1,2-Dichloroethylene	53		"	50.0		106	74-132		2.16	30	
cis-1,3-Dichloropropylene	51		"	50.0		101	81-129		7.00	30	
Cyclohexane	53		"	50.0		106	70-130		2.03	30	
Dibromochloromethane	50		"	50.0		100	10-200		3.46	30	
Dibromomethane	49		"	50.0		98.3	83-124		7.61	30	
Dichlorodifluoromethane	46		"	50.0		92.8	28-158		15.8	30	
Ethyl Benzene	49		"	50.0		98.3	84-125		0.790	30	
Hexachlorobutadiene	45		"	50.0		89.5	83-133		1.53	30	
Isopropylbenzene	53		"	50.0		106	81-127		6.33	30	
Methyl acetate	51		"	50.0		103	41-143		4.91	30	
Methyl tert-butyl ether (MTBE)	50		"	50.0		99.4	74-131		3.65	30	
Methylcyclohexane	49		"	50.0		98.5	70-130		6.61	30	
Methylene chloride	51		"	50.0		103	57-141		3.83	30	

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BB30195 - EPA 5035A											
LCS Dup (BB30195-BSD1)								Prepared & Analyzed: 02/03/2023			
n-Butylbenzene	48		ug/L	50.0		95.2	80-130		0.566	30	
n-Propylbenzene	51		"	50.0		103	74-136		4.13	30	
o-Xylene	49		"	50.0		97.4	83-123		3.81	30	
p- & m- Xylenes	97		"	100		96.9	82-128		2.42	30	
p-Isopropyltoluene	48		"	50.0		95.3	85-125		1.33	30	
sec-Butylbenzene	50		"	50.0		99.3	83-125		2.24	30	
Styrene	50		"	50.0		99.2	86-126		4.65	30	
tert-Butyl alcohol (TBA)	260		"	250		105	70-130		7.63	30	
tert-Butylbenzene	50		"	50.0		99.6	80-127		3.66	30	
Tetrachloroethylene	43		"	50.0		86.5	80-129		3.51	30	
Toluene	50		"	50.0		99.3	85-121		5.08	30	
trans-1,2-Dichloroethylene	54		"	50.0		108	72-132		2.34	30	
trans-1,3-Dichloropropylene	51		"	50.0		102	78-132		6.89	30	
trans-1,4-dichloro-2-butene	55		"	50.0		111	75-135		6.79	30	
Trichloroethylene	51		"	50.0		102	84-123		8.22	30	
Trichlorofluoromethane	48		"	50.0		96.4	62-140		0.476	30	
Vinyl Chloride	50		"	50.0		101	52-130		8.56	30	
Surrogate: SURR: 1,2-Dichloroethane-d4	*51.0*		*"*	*50.0*		*102*	*77-125*				
Surrogate: SURR: Toluene-d8	*49.2*		*"*	*50.0*		*98.4*	*85-120*				
Surrogate: SURR: p-Bromofluorobenzene	*55.5*		*"*	*50.0*		*111*	*76-130*				
Batch BB30196 - EPA 5035A											
Blank (BB30196-BLK1)								Prepared & Analyzed: 02/03/2023			
1,1,1,2-Tetrachloroethane	ND	5.0	ug/kg wet								
1,1,1-Trichloroethane	ND	5.0	"								
1,1,2,2-Tetrachloroethane	ND	5.0	"								
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	5.0	"								
1,1,2-Trichloroethane	ND	5.0	"								
1,1-Dichloroethane	ND	5.0	"								
1,1-Dichloroethylene	ND	5.0	"								
1,2,3-Trichlorobenzene	ND	5.0	"								
1,2,3-Trichloropropane	ND	5.0	"								
1,2,4-Trichlorobenzene	ND	5.0	"								
1,2,4-Trimethylbenzene	ND	5.0	"								
1,2-Dibromo-3-chloropropane	ND	5.0	"								
1,2-Dibromoethane	ND	5.0	"								
1,2-Dichlorobenzene	ND	5.0	"								
1,2-Dichloroethane	ND	5.0	"								
1,2-Dichloropropane	ND	5.0	"								
1,3,5-Trimethylbenzene	ND	5.0	"								
1,3-Dichlorobenzene	ND	5.0	"								
1,4-Dichlorobenzene	ND	5.0	"								
1,4-Dioxane	ND	100	"								
2-Butanone	ND	5.0	"								
2-Hexanone	ND	5.0	"								
4-Methyl-2-pentanone	ND	5.0	"								
Acetone	ND	10	"								
Acrolein	ND	10	"								
Acrylonitrile	ND	5.0	"								
Benzene	ND	5.0	"								

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BB30196 - EPA 5035A											
Blank (BB30196-BLK1)											
Prepared & Analyzed: 02/03/2023											
Bromochloromethane	ND	5.0	ug/kg wet								
Bromodichloromethane	ND	5.0	"								
Bromoform	ND	5.0	"								
Bromomethane	ND	5.0	"								
Carbon disulfide	ND	5.0	"								
Carbon tetrachloride	ND	5.0	"								
Chlorobenzene	ND	5.0	"								
Chloroethane	ND	5.0	"								
Chloroform	ND	5.0	"								
Chloromethane	ND	5.0	"								
cis-1,2-Dichloroethylene	ND	5.0	"								
cis-1,3-Dichloropropylene	ND	5.0	"								
Cyclohexane	ND	5.0	"								
Dibromochloromethane	ND	5.0	"								
Dibromomethane	ND	5.0	"								
Dichlorodifluoromethane	ND	5.0	"								
Ethyl Benzene	ND	5.0	"								
Hexachlorobutadiene	ND	5.0	"								
Isopropylbenzene	ND	5.0	"								
Methyl acetate	ND	5.0	"								
Methyl tert-butyl ether (MTBE)	ND	5.0	"								
Methylcyclohexane	ND	5.0	"								
Methylene chloride	ND	10	"								
n-Butylbenzene	ND	5.0	"								
n-Propylbenzene	ND	5.0	"								
o-Xylene	ND	5.0	"								
p- & m- Xylenes	ND	10	"								
p-Isopropyltoluene	ND	5.0	"								
sec-Butylbenzene	ND	5.0	"								
Styrene	ND	5.0	"								
tert-Butyl alcohol (TBA)	ND	5.0	"								
tert-Butylbenzene	ND	5.0	"								
Tetrachloroethylene	ND	5.0	"								
Toluene	ND	5.0	"								
trans-1,2-Dichloroethylene	ND	5.0	"								
trans-1,3-Dichloropropylene	ND	5.0	"								
trans-1,4-dichloro-2-butene	ND	5.0	"								
Trichloroethylene	ND	5.0	"								
Trichlorofluoromethane	ND	5.0	"								
Vinyl Chloride	ND	5.0	"								
Xylenes, Total	ND	15	"								
Surrogate: SURR: 1,2-Dichloroethane-d4	*51.2*		*ug/L*	*50.0*		*102*	*77-125*				
Surrogate: SURR: Toluene-d8	*47.2*		*"*	*50.0*		*94.4*	*85-120*				
Surrogate: SURR: p-Bromofluorobenzene	*47.6*		*"*	*50.0*		*95.1*	*76-130*				

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BB30196 - EPA 5035A											
Blank (BB30196-BLK2)											Prepared & Analyzed: 02/03/2023
1,1,1,2-Tetrachloroethane	ND	500	ug/kg wet								
1,1,1-Trichloroethane	ND	500	"								
1,1,2,2-Tetrachloroethane	ND	500	"								
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	500	"								
1,1,2-Trichloroethane	ND	500	"								
1,1-Dichloroethane	ND	500	"								
1,1-Dichloroethylene	ND	500	"								
1,2,3-Trichlorobenzene	ND	500	"								
1,2,3-Trichloropropane	ND	500	"								
1,2,4-Trichlorobenzene	ND	500	"								
1,2,4-Trimethylbenzene	ND	500	"								
1,2-Dibromo-3-chloropropane	ND	500	"								
1,2-Dibromoethane	ND	500	"								
1,2-Dichlorobenzene	ND	500	"								
1,2-Dichloroethane	ND	500	"								
1,2-Dichloropropane	ND	500	"								
1,3,5-Trimethylbenzene	ND	500	"								
1,3-Dichlorobenzene	ND	500	"								
1,4-Dichlorobenzene	ND	500	"								
1,4-Dioxane	ND	10000	"								
2-Butanone	ND	500	"								
2-Hexanone	ND	500	"								
4-Methyl-2-pentanone	ND	500	"								
Acetone	ND	1000	"								
Acrolein	ND	1000	"								
Acrylonitrile	ND	500	"								
Benzene	ND	500	"								
Bromochloromethane	ND	500	"								
Bromodichloromethane	ND	500	"								
Bromoform	ND	500	"								
Bromomethane	ND	500	"								
Carbon disulfide	ND	500	"								
Carbon tetrachloride	ND	500	"								
Chlorobenzene	ND	500	"								
Chloroethane	ND	500	"								
Chloroform	ND	500	"								
Chloromethane	ND	500	"								
cis-1,2-Dichloroethylene	ND	500	"								
cis-1,3-Dichloropropylene	ND	500	"								
Cyclohexane	ND	500	"								
Dibromochloromethane	ND	500	"								
Dibromomethane	ND	500	"								
Dichlorodifluoromethane	ND	500	"								
Ethyl Benzene	ND	500	"								
Hexachlorobutadiene	ND	500	"								
Isopropylbenzene	ND	500	"								
Methyl acetate	ND	500	"								
Methyl tert-butyl ether (MTBE)	ND	500	"								
Methylcyclohexane	ND	500	"								
Methylene chloride	ND	1000	"								

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BB30196 - EPA 5035A											
Blank (BB30196-BLK2)									Prepared & Analyzed: 02/03/2023		
n-Butylbenzene	ND	500	ug/kg wet								
n-Propylbenzene	ND	500	"								
o-Xylene	ND	500	"								
p- & m- Xylenes	ND	1000	"								
p-Isopropyltoluene	ND	500	"								
sec-Butylbenzene	ND	500	"								
Styrene	ND	500	"								
tert-Butyl alcohol (TBA)	ND	500	"								
tert-Butylbenzene	ND	500	"								
Tetrachloroethylene	ND	500	"								
Toluene	ND	500	"								
trans-1,2-Dichloroethylene	ND	500	"								
trans-1,3-Dichloropropylene	ND	500	"								
trans-1,4-dichloro-2-butene	ND	500	"								
Trichloroethylene	ND	500	"								
Trichlorofluoromethane	ND	500	"								
Vinyl Chloride	ND	500	"								
Xylenes, Total	ND	1500	"								
Surrogate: SURR: 1,2-Dichloroethane-d4	*50.7*		*ug/L*	*50.0*		*101*	*77-125*				
Surrogate: SURR: Toluene-d8	*47.6*		*"*	*50.0*		*95.2*	*85-120*				
Surrogate: SURR: p-Bromofluorobenzene	*47.6*		*"*	*50.0*		*95.2*	*76-130*				
LCS (BB30196-BS1)									Prepared & Analyzed: 02/03/2023		
1,1,1,2-Tetrachloroethane	52		ug/L	50.0		105	75-129				
1,1,1-Trichloroethane	56		"	50.0		113	71-137				
1,1,2,2-Tetrachloroethane	49		"	50.0		98.7	79-129				
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	57		"	50.0		115	58-146				
1,1,2-Trichloroethane	49		"	50.0		97.1	83-123				
1,1-Dichloroethane	51		"	50.0		102	75-130				
1,1-Dichloroethylene	55		"	50.0		111	64-137				
1,2,3-Trichlorobenzene	47		"	50.0		93.8	81-140				
1,2,3-Trichloropropane	48		"	50.0		96.8	81-126				
1,2,4-Trichlorobenzene	47		"	50.0		94.7	80-141				
1,2,4-Trimethylbenzene	49		"	50.0		98.9	84-125				
1,2-Dibromo-3-chloropropane	43		"	50.0		87.0	74-142				
1,2-Dibromoethane	51		"	50.0		102	86-123				
1,2-Dichlorobenzene	48		"	50.0		96.3	85-122				
1,2-Dichloroethane	54		"	50.0		107	71-133				
1,2-Dichloropropane	49		"	50.0		98.3	81-122				
1,3,5-Trimethylbenzene	49		"	50.0		97.4	82-126				
1,3-Dichlorobenzene	48		"	50.0		96.9	84-124				
1,4-Dichlorobenzene	48		"	50.0		95.3	84-124				
1,4-Dioxane	1100		"	1050		104	10-228				
2-Butanone	48		"	50.0		95.2	58-147				
2-Hexanone	40		"	50.0		79.6	70-139				
4-Methyl-2-pentanone	50		"	50.0		99.1	72-132				
Acetone	32		"	50.0		63.9	36-155				
Acrolein	37		"	50.0		73.7	10-238				
Acrylonitrile	53		"	50.0		105	66-141				
Benzene	54		"	50.0		109	77-127				

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BB30196 - EPA 5035A											
LCS (BB30196-BS1)							Prepared & Analyzed: 02/03/2023				
Bromochloromethane	52		ug/L	50.0		103	74-129				
Bromodichloromethane	46		"	50.0		92.6	81-124				
Bromoform	46		"	50.0		92.0	80-136				
Bromomethane	52		"	50.0		104	32-177				
Carbon disulfide	61		"	50.0		122	10-136				
Carbon tetrachloride	58		"	50.0		115	66-143				
Chlorobenzene	52		"	50.0		104	86-120				
Chloroethane	53		"	50.0		107	51-142				
Chloroform	54		"	50.0		108	76-131				
Chloromethane	48		"	50.0		96.2	49-132				
cis-1,2-Dichloroethylene	53		"	50.0		105	74-132				
cis-1,3-Dichloropropylene	46		"	50.0		91.7	81-129				
Cyclohexane	52		"	50.0		104	70-130				
Dibromochloromethane	46		"	50.0		92.4	10-200				
Dibromomethane	50		"	50.0		99.4	83-124				
Dichlorodifluoromethane	51		"	50.0		102	28-158				
Ethyl Benzene	51		"	50.0		102	84-125				
Hexachlorobutadiene	47		"	50.0		94.1	83-133				
Isopropylbenzene	50		"	50.0		99.6	81-127				
Methyl acetate	48		"	50.0		96.2	41-143				
Methyl tert-butyl ether (MTBE)	52		"	50.0		103	74-131				
Methylcyclohexane	50		"	50.0		99.3	70-130				
Methylene chloride	51		"	50.0		101	57-141				
n-Butylbenzene	49		"	50.0		98.1	80-130				
n-Propylbenzene	49		"	50.0		98.4	74-136				
o-Xylene	52		"	50.0		104	83-123				
p- & m- Xylenes	100		"	100		105	82-128				
p-Isopropyltoluene	49		"	50.0		98.4	85-125				
sec-Butylbenzene	50		"	50.0		99.6	83-125				
Styrene	54		"	50.0		109	86-126				
tert-Butyl alcohol (TBA)	250		"	250		99.7	70-130				
tert-Butylbenzene	49		"	50.0		98.5	80-127				
Tetrachloroethylene	47		"	50.0		93.2	80-129				
Toluene	50		"	50.0		100	85-121				
trans-1,2-Dichloroethylene	54		"	50.0		107	72-132				
trans-1,3-Dichloropropylene	45		"	50.0		89.4	78-132				
trans-1,4-dichloro-2-butene	49		"	50.0		98.6	75-135				
Trichloroethylene	50		"	50.0		99.9	84-123				
Trichlorofluoromethane	54		"	50.0		107	62-140				
Vinyl Chloride	56		"	50.0		113	52-130				
Surrogate: SURR: 1,2-Dichloroethane-d4	*50.8*		*"*	*50.0*		*102*	*77-125*				
Surrogate: SURR: Toluene-d8	*47.9*		*"*	*50.0*		*95.7*	*85-120*				
Surrogate: SURR: p-Bromofluorobenzene	*48.3*		*"*	*50.0*		*96.6*	*76-130*				

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BB30196 - EPA 5035A											
LCS Dup (BB30196-BSD1)								Prepared & Analyzed: 02/03/2023			
1,1,1,2-Tetrachloroethane	54		ug/L	50.0		109	75-129		3.52	30	
1,1,1-Trichloroethane	58		"	50.0		116	71-137		3.13	30	
1,1,2,2-Tetrachloroethane	50		"	50.0		101	79-129		2.09	30	
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	59		"	50.0		118	58-146		2.87	30	
1,1,2-Trichloroethane	50		"	50.0		100	83-123		3.28	30	
1,1-Dichloroethane	53		"	50.0		106	75-130		3.57	30	
1,1-Dichloroethylene	57		"	50.0		114	64-137		2.71	30	
1,2,3-Trichlorobenzene	49		"	50.0		97.4	81-140		3.83	30	
1,2,3-Trichloropropane	49		"	50.0		98.7	81-126		2.03	30	
1,2,4-Trichlorobenzene	49		"	50.0		98.9	80-141		4.26	30	
1,2,4-Trimethylbenzene	51		"	50.0		102	84-125		2.95	30	
1,2-Dibromo-3-chloropropane	44		"	50.0		87.5	74-142		0.619	30	
1,2-Dibromoethane	53		"	50.0		107	86-123		4.29	30	
1,2-Dichlorobenzene	50		"	50.0		99.5	85-122		3.29	30	
1,2-Dichloroethane	56		"	50.0		111	71-133		3.51	30	
1,2-Dichloropropane	51		"	50.0		102	81-122		3.73	30	
1,3,5-Trimethylbenzene	50		"	50.0		100	82-126		2.91	30	
1,3-Dichlorobenzene	50		"	50.0		100	84-124		3.33	30	
1,4-Dichlorobenzene	49		"	50.0		98.3	84-124		3.10	30	
1,4-Dioxane	1100		"	1050		105	10-228		1.70	30	
2-Butanone	46		"	50.0		92.7	58-147		2.62	30	
2-Hexanone	40		"	50.0		81.0	70-139		1.79	30	
4-Methyl-2-pentanone	50		"	50.0		101	72-132		1.90	30	
Acetone	32		"	50.0		63.1	36-155		1.29	30	
Acrolein	38		"	50.0		75.7	10-238		2.71	30	
Acrylonitrile	52		"	50.0		103	66-141		1.73	30	
Benzene	56		"	50.0		112	77-127		2.75	30	
Bromochloromethane	54		"	50.0		107	74-129		3.72	30	
Bromodichloromethane	47		"	50.0		94.9	81-124		2.50	30	
Bromoform	47		"	50.0		94.8	80-136		2.93	30	
Bromomethane	54		"	50.0		108	32-177		3.88	30	
Carbon disulfide	63		"	50.0		126	10-136		3.04	30	
Carbon tetrachloride	60		"	50.0		119	66-143		3.33	30	
Chlorobenzene	54		"	50.0		108	86-120		3.68	30	
Chloroethane	56		"	50.0		111	51-142		4.35	30	
Chloroform	56		"	50.0		112	76-131		3.39	30	
Chloromethane	49		"	50.0		97.9	49-132		1.77	30	
cis-1,2-Dichloroethylene	54		"	50.0		109	74-132		3.34	30	
cis-1,3-Dichloropropylene	48		"	50.0		95.0	81-129		3.60	30	
Cyclohexane	54		"	50.0		108	70-130		3.24	30	
Dibromochloromethane	48		"	50.0		95.5	10-200		3.24	30	
Dibromomethane	52		"	50.0		103	83-124		3.75	30	
Dichlorodifluoromethane	50		"	50.0		101	28-158		0.789	30	
Ethyl Benzene	53		"	50.0		106	84-125		3.21	30	
Hexachlorobutadiene	49		"	50.0		97.2	83-133		3.16	30	
Isopropylbenzene	52		"	50.0		103	81-127		3.74	30	
Methyl acetate	50		"	50.0		99.3	41-143		3.25	30	
Methyl tert-butyl ether (MTBE)	53		"	50.0		106	74-131		3.03	30	
Methylcyclohexane	51		"	50.0		102	70-130		2.78	30	
Methylene chloride	52		"	50.0		104	57-141		3.06	30	

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BB30196 - EPA 5035A											
LCS Dup (BB30196-BSD1)								Prepared & Analyzed: 02/03/2023			
n-Butylbenzene	51		ug/L	50.0		102	80-130		3.49	30	
n-Propylbenzene	51		"	50.0		102	74-136		3.26	30	
o-Xylene	54		"	50.0		108	83-123		3.19	30	
p- & m- Xylenes	110		"	100		108	82-128		3.50	30	
p-Isopropyltoluene	51		"	50.0		101	85-125		3.08	30	
sec-Butylbenzene	52		"	50.0		103	83-125		3.55	30	
Styrene	56		"	50.0		112	86-126		3.33	30	
tert-Butyl alcohol (TBA)	250		"	250		101	70-130		1.68	30	
tert-Butylbenzene	51		"	50.0		102	80-127		3.57	30	
Tetrachloroethylene	49		"	50.0		97.1	80-129		4.10	30	
Toluene	52		"	50.0		103	85-121		3.23	30	
trans-1,2-Dichloroethylene	56		"	50.0		111	72-132		3.69	30	
trans-1,3-Dichloropropylene	46		"	50.0		92.3	78-132		3.17	30	
trans-1,4-dichloro-2-butene	50		"	50.0		100	75-135		1.35	30	
Trichloroethylene	52		"	50.0		105	84-123		4.52	30	
Trichlorofluoromethane	54		"	50.0		108	62-140		0.372	30	
Vinyl Chloride	58		"	50.0		115	52-130		2.38	30	
Surrogate: SURR: 1,2-Dichloroethane-d4	*50.5*		*"*	*50.0*		*101*	*77-125*				
Surrogate: SURR: Toluene-d8	*47.7*		*"*	*50.0*		*95.4*	*85-120*				
Surrogate: SURR: p-Bromofluorobenzene	*48.6*		*"*	*50.0*		*97.2*	*76-130*				

Semivolatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BB30243 - EPA 3550C											
Blank (BB30243-BLK1)											
1,1-Biphenyl	ND	41.7	ug/kg wet								
1,2,4,5-Tetrachlorobenzene	ND	83.3	"								
1,2,4-Trichlorobenzene	ND	41.7	"								
1,2-Dichlorobenzene	ND	41.7	"								
1,2-Diphenylhydrazine (as Azobenzene)	ND	41.7	"								
1,3-Dichlorobenzene	ND	41.7	"								
1,4-Dichlorobenzene	ND	41.7	"								
2,3,4,6-Tetrachlorophenol	ND	83.3	"								
2,4,5-Trichlorophenol	ND	41.7	"								
2,4,6-Trichlorophenol	ND	41.7	"								
2,4-Dichlorophenol	ND	41.7	"								
2,4-Dimethylphenol	ND	41.7	"								
2,4-Dinitrophenol	ND	83.3	"								
2,4-Dinitrotoluene	ND	41.7	"								
2,6-Dinitrotoluene	ND	41.7	"								
2-Chloronaphthalene	ND	41.7	"								
2-Chlorophenol	ND	41.7	"								
2-Methylnaphthalene	ND	41.7	"								
2-Methylphenol	ND	41.7	"								
2-Nitroaniline	ND	83.3	"								
2-Nitrophenol	ND	41.7	"								
3- & 4-Methylphenols	ND	41.7	"								
3,3-Dichlorobenzidine	ND	41.7	"								
3-Nitroaniline	ND	83.3	"								
4,6-Dinitro-2-methylphenol	ND	83.3	"								
4-Bromophenyl phenyl ether	ND	41.7	"								
4-Chloro-3-methylphenol	ND	41.7	"								
4-Chloroaniline	ND	41.7	"								
4-Chlorophenyl phenyl ether	ND	41.7	"								
4-Nitroaniline	ND	83.3	"								
4-Nitrophenol	ND	83.3	"								
Acenaphthene	ND	41.7	"								
Acenaphthylene	ND	41.7	"								
Acetophenone	ND	41.7	"								
Aniline	ND	167	"								
Anthracene	ND	41.7	"								
Atrazine	ND	41.7	"								
Benzaldehyde	ND	41.7	"								
Benzidine	ND	167	"								
Benzo(a)anthracene	ND	41.7	"								
Benzo(a)pyrene	ND	41.7	"								
Benzo(b)fluoranthene	ND	41.7	"								
Benzo(g,h,i)perylene	ND	41.7	"								
Benzo(k)fluoranthene	ND	41.7	"								
Benzoic acid	ND	41.7	"								
Benzyl alcohol	ND	41.7	"								
Benzyl butyl phthalate	ND	41.7	"								
Bis(2-chloroethoxy)methane	ND	41.7	"								
Bis(2-chloroethyl)ether	ND	41.7	"								
Bis(2-chloroisopropyl)ether	ND	41.7	"								
Bis(2-ethylhexyl)phthalate	ND	41.7	"								

Prepared: 02/05/2023 Analyzed: 02/06/2023

Semivolatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BB30243 - EPA 3550C											
Blank (BB30243-BLK1)											
Caprolactam	ND	83.3	ug/kg wet								
Carbazole	ND	41.7	"								
Chrysene	ND	41.7	"								
Dibenzo(a,h)anthracene	ND	41.7	"								
Dibenzofuran	ND	41.7	"								
Diethyl phthalate	ND	41.7	"								
Dimethyl phthalate	ND	41.7	"								
Di-n-butyl phthalate	ND	41.7	"								
Di-n-octyl phthalate	ND	41.7	"								
Diphenylamine	ND	83.3	"								
Fluoranthene	ND	41.7	"								
Fluorene	ND	41.7	"								
Hexachlorobenzene	ND	41.7	"								
Hexachlorobutadiene	ND	41.7	"								
Hexachlorocyclopentadiene	ND	41.7	"								
Hexachloroethane	ND	41.7	"								
Indeno(1,2,3-cd)pyrene	ND	41.7	"								
Isophorone	ND	41.7	"								
Naphthalene	ND	41.7	"								
Nitrobenzene	ND	41.7	"								
N-Nitrosodimethylamine	ND	41.7	"								
N-nitroso-di-n-propylamine	ND	41.7	"								
N-Nitrosodiphenylamine	ND	41.7	"								
Pentachlorophenol	ND	41.7	"								
Phenanthrene	ND	41.7	"								
Phenol	ND	41.7	"								
Pyrene	ND	41.7	"								
Pyridine	ND	167	"								
Surrogate: SURR: 2-Fluorophenol	*1220*		"	*1670*		*73.4*	*20-108*				
Surrogate: SURR: Phenol-d6	*1180*		"	*1670*		*70.8*	*23-114*				
Surrogate: SURR: Nitrobenzene-d5	*397*		"	*833*		*47.7*	*22-108*				
Surrogate: SURR: 2-Fluorobiphenyl	*615*		"	*833*		*73.8*	*21-113*				
Surrogate: SURR: 2,4,6-Tribromophenol	*1120*		"	*1670*		*67.0*	*19-110*				
Surrogate: SURR: Terphenyl-d14	*654*		"	*833*		*78.5*	*24-116*				

Prepared: 02/05/2023 Analyzed: 02/06/2023

Semivolatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BB30243 - EPA 3550C											
LCS (BB30243-BS1)									Prepared: 02/05/2023 Analyzed: 02/06/2023		
1,1-Biphenyl	637	41.7	ug/kg wet	833		76.5	18-111				
1,2,4,5-Tetrachlorobenzene	720	83.3	"	833		86.4	21-131				
1,2,4-Trichlorobenzene	678	41.7	"	833		81.4	10-140				
1,2-Dichlorobenzene	617	41.7	"	833		74.1	34-108				
1,2-Diphenylhydrazine (as Azobenzene)	585	41.7	"	833		70.2	17-137				
1,3-Dichlorobenzene	617	41.7	"	833		74.1	33-110				
1,4-Dichlorobenzene	620	41.7	"	833		74.4	32-104				
2,3,4,6-Tetrachlorophenol	587	83.3	"	833		70.4	30-130				
2,4,5-Trichlorophenol	571	41.7	"	833		68.6	27-118				
2,4,6-Trichlorophenol	581	41.7	"	833		69.8	31-120				
2,4-Dichlorophenol	653	41.7	"	833		78.4	20-127				
2,4-Dimethylphenol	619	41.7	"	833		74.3	14-132				
2,4-Dinitrophenol	413	83.3	"	833		49.6	10-171				
2,4-Dinitrotoluene	360	41.7	"	833		43.2	34-131				
2,6-Dinitrotoluene	394	41.7	"	833		47.3	31-128				
2-Chloronaphthalene	623	41.7	"	833		74.7	31-117				
2-Chlorophenol	600	41.7	"	833		72.0	33-113				
2-Methylnaphthalene	670	41.7	"	833		80.4	12-138				
2-Methylphenol	628	41.7	"	833		75.4	10-136				
2-Nitroaniline	429	83.3	"	833		51.4	27-132				
2-Nitrophenol	360	41.7	"	833		43.2	17-129				
3- & 4-Methylphenols	551	41.7	"	833		66.1	29-103				
3,3-Dichlorobenzidine	512	41.7	"	833		61.5	22-149				
3-Nitroaniline	352	83.3	"	833		42.2	20-133				
4,6-Dinitro-2-methylphenol	394	83.3	"	833		47.2	10-143				
4-Bromophenyl phenyl ether	641	41.7	"	833		76.9	29-120				
4-Chloro-3-methylphenol	627	41.7	"	833		75.2	24-129				
4-Chloroaniline	425	41.7	"	833		51.0	10-132				
4-Chlorophenyl phenyl ether	636	41.7	"	833		76.3	27-124				
4-Nitroaniline	409	83.3	"	833		49.1	16-128				
4-Nitrophenol	395	83.3	"	833		47.4	10-141				
Acenaphthene	637	41.7	"	833		76.4	30-121				
Acenaphthylene	588	41.7	"	833		70.6	30-115				
Acetophenone	602	41.7	"	833		72.3	20-112				
Aniline	408	167	"	833		49.0	10-119				
Anthracene	659	41.7	"	833		79.1	34-118				
Atrazine	646	41.7	"	833		77.6	26-112				
Benzaldehyde	622	41.7	"	833		74.6	21-100				
Benzo(a)anthracene	620	41.7	"	833		74.4	32-122				
Benzo(a)pyrene	611	41.7	"	833		73.3	29-133				
Benzo(b)fluoranthene	645	41.7	"	833		77.4	25-133				
Benzo(g,h,i)perylene	676	41.7	"	833		81.2	10-143				
Benzo(k)fluoranthene	654	41.7	"	833		78.5	25-128				
Benzoic acid	194	41.7	"	833		23.3	10-140				
Benzyl alcohol	607	41.7	"	833		72.9	30-115				
Benzyl butyl phthalate	561	41.7	"	833		67.4	26-126				
Bis(2-chloroethoxy)methane	640	41.7	"	833		76.8	19-132				
Bis(2-chloroethyl)ether	580	41.7	"	833		69.6	19-125				
Bis(2-chloroisopropyl)ether	596	41.7	"	833		71.5	20-135				
Bis(2-ethylhexyl)phthalate	589	41.7	"	833		70.6	10-155				
Caprolactam	675	83.3	"	833		81.0	10-127				

Semivolatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BB30243 - EPA 3550C											
LCS (BB30243-BS1)									Prepared: 02/05/2023 Analyzed: 02/06/2023		
Carbazole	672	41.7	ug/kg wet	833		80.6	35-123				
Chrysene	606	41.7	"	833		72.8	32-123				
Dibenzo(a,h)anthracene	657	41.7	"	833		78.8	10-136				
Dibenzofuran	642	41.7	"	833		77.1	29-121				
Diethyl phthalate	605	41.7	"	833		72.6	34-116				
Dimethyl phthalate	622	41.7	"	833		74.6	35-124				
Di-n-butyl phthalate	600	41.7	"	833		72.0	31-116				
Di-n-octyl phthalate	574	41.7	"	833		68.9	26-136				
Diphenylamine	735	83.3	"	833		88.2	40-140				
Fluoranthene	632	41.7	"	833		75.8	33-122				
Fluorene	639	41.7	"	833		76.6	29-123				
Hexachlorobenzene	596	41.7	"	833		71.5	21-124				
Hexachlorobutadiene	664	41.7	"	833		79.7	10-149				
Hexachlorocyclopentadiene	445	41.7	"	833		53.4	10-129				
Hexachloroethane	562	41.7	"	833		67.5	28-108				
Indeno(1,2,3-cd)pyrene	643	41.7	"	833		77.1	10-135				
Isophorone	657	41.7	"	833		78.8	20-132				
Naphthalene	675	41.7	"	833		81.0	23-124				
Nitrobenzene	432	41.7	"	833		51.8	13-132				
N-Nitrosodimethylamine	571	41.7	"	833		68.5	11-129				
N-nitroso-di-n-propylamine	583	41.7	"	833		70.0	24-119				
N-Nitrosodiphenylamine	720	41.7	"	833		86.4	22-152				
Pentachlorophenol	425	41.7	"	833		51.0	10-139				
Phenanthrene	647	41.7	"	833		77.7	33-123				
Phenol	626	41.7	"	833		75.1	23-115				
Pyrene	595	41.7	"	833		71.4	32-130				
Pyridine	493	167	"	833		59.2	10-91				
Surrogate: SURR: 2-Fluorophenol	*1220*		"	*1670*		*73.0*	*20-108*				
Surrogate: SURR: Phenol-d6	*1190*		"	*1670*		*71.2*	*23-114*				
Surrogate: SURR: Nitrobenzene-d5	*401*		"	*833*		*48.1*	*22-108*				
Surrogate: SURR: 2-Fluorobiphenyl	*622*		"	*833*		*74.6*	*21-113*				
Surrogate: SURR: 2,4,6-Tribromophenol	*1200*		"	*1670*		*72.0*	*19-110*				
Surrogate: SURR: Terphenyl-d14	*630*		"	*833*		*75.6*	*24-116*				

Semivolatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BB30243 - EPA 3550C											
Matrix Spike (BB30243-MS1)	*Source sample: 23B0251-01 (Matrix Spike)							Prepared: 02/05/2023 Analyzed: 02/06/2023			
1,1-Biphenyl	346	446	ug/kg dry	892	ND	38.8	10-130				
1,2,4,5-Tetrachlorobenzene	ND	892	"	892	ND		10-133	Low Bias			
1,2,4-Trichlorobenzene	332	446	"	892	ND	37.2	10-127				
1,2-Dichlorobenzene	243	446	"	892	ND	27.2	14-111				
1,2-Diphenylhydrazine (as Azobenzene)	325	446	"	892	ND	36.4	10-144				
1,3-Dichlorobenzene	ND	446	"	892	ND		11-111	Low Bias			
1,4-Dichlorobenzene	ND	446	"	892	ND		10-106	Low Bias			
2,3,4,6-Tetrachlorophenol	ND	892	"	892	ND		30-130	Low Bias			
2,4,5-Trichlorophenol	ND	446	"	892	ND		10-127	Low Bias			
2,4,6-Trichlorophenol	ND	446	"	892	ND		10-132	Low Bias			
2,4-Dichlorophenol	ND	446	"	892	ND		10-128	Low Bias			
2,4-Dimethylphenol	278	446	"	892	ND	31.2	10-137				
2,4-Dinitrophenol	ND	892	"	892	ND		10-171	Low Bias			
2,4-Dinitrotoluene	407	446	"	892	ND	45.6	16-135				
2,6-Dinitrotoluene	400	446	"	892	ND	44.8	18-131				
2-Chloronaphthalene	360	446	"	892	ND	40.4	10-129				
2-Chlorophenol	ND	446	"	892	ND		15-116	Low Bias			
2-Methylnaphthalene	364	446	"	892	ND	40.8	10-147				
2-Methylphenol	303	446	"	892	ND	34.0	10-136				
2-Nitroaniline	ND	892	"	892	ND		10-137	Low Bias			
2-Nitrophenol	ND	446	"	892	ND		10-129	Low Bias			
3- & 4-Methylphenols	236	446	"	892	ND	26.4	10-123				
3,3-Dichlorobenzidine	ND	446	"	892	ND		10-155	Low Bias			
3-Nitroaniline	ND	892	"	892	ND		12-133	Low Bias			
4,6-Dinitro-2-methylphenol	ND	892	"	892	ND		10-155	Low Bias			
4-Bromophenyl phenyl ether	393	446	"	892	ND	44.0	14-128				
4-Chloro-3-methylphenol	360	446	"	892	ND	40.4	10-134				
4-Chloroaniline	236	446	"	892	ND	26.4	10-145				
4-Chlorophenyl phenyl ether	378	446	"	892	ND	42.4	14-130				
4-Nitroaniline	ND	892	"	892	ND		10-147	Low Bias			
4-Nitrophenol	ND	892	"	892	ND		10-137	Low Bias			
Acenaphthene	364	446	"	892	ND	40.8	10-146				
Acenaphthylene	339	446	"	892	ND	38.0	10-134				
Acetophenone	257	446	"	892	ND	28.8	10-116				
Aniline	ND	1790	"	892	ND		10-123	Low Bias			
Anthracene	428	446	"	892	ND	48.0	10-142				
Atrazine	432	446	"	892	ND	48.4	19-115				
Benzaldehyde	257	446	"	892	ND	28.8	10-125				
Benzo(a)anthracene	482	446	"	892	ND	54.0	10-158				
Benzo(a)pyrene	435	446	"	892	ND	48.8	10-180				
Benzo(b)fluoranthene	457	446	"	892	ND	51.2	10-200				
Benzo(g,h,i)perylene	496	446	"	892	238	28.9	10-138				
Benzo(k)fluoranthene	443	446	"	892	ND	49.6	10-197				
Benzoic acid	1080	446	"	892	ND	122	10-166				
Benzyl alcohol	300	446	"	892	ND	33.6	12-124				
Benzyl butyl phthalate	407	446	"	892	ND	45.6	10-154				
Bis(2-chloroethoxy)methane	282	446	"	892	ND	31.6	10-132				
Bis(2-chloroethyl)ether	303	446	"	892	ND	34.0	10-119				
Bis(2-chloroisopropyl)ether	257	446	"	892	ND	28.8	10-139				
Bis(2-ethylhexyl)phthalate	635	446	"	892	502	15.0	10-167				
Caprolactam	ND	892	"	892	ND		10-132	Low Bias			

Semivolatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BB30243 - EPA 3550C											
Matrix Spike (BB30243-MS1)	*Source sample: 23B0251-01 (Matrix Spike)							Prepared: 02/05/2023 Analyzed: 02/06/2023			
Carbazole	418	446	ug/kg dry	892	ND	46.8	10-167				
Chrysene	507	446	"	892	245	29.3	10-156				
Dibenzo(a,h)anthracene	414	446	"	892	ND	46.4	10-137				
Dibenzofuran	389	446	"	892	ND	43.6	10-147				
Diethyl phthalate	353	446	"	892	ND	39.6	20-120				
Dimethyl phthalate	332	446	"	892	ND	37.2	18-131				
Di-n-butyl phthalate	375	446	"	892	ND	42.0	10-137				
Di-n-octyl phthalate	346	446	"	892	ND	38.8	10-180				
Diphenylamine	ND	892	"	892	ND		40-140	Low Bias			
Fluoranthene	550	446	"	892	285	29.7	10-160				
Fluorene	393	446	"	892	ND	44.0	10-157				
Hexachlorobenzene	368	446	"	892	ND	41.2	10-137				
Hexachlorobutadiene	328	446	"	892	ND	36.8	10-132				
Hexachlorocyclopentadiene	ND	446	"	892	ND		10-106	Low Bias			
Hexachloroethane	253	446	"	892	ND	28.4	10-110				
Indeno(1,2,3-cd)pyrene	435	446	"	892	ND	48.8	10-144				
Isophorone	282	446	"	892	ND	31.6	10-132				
Naphthalene	321	446	"	892	ND	36.0	10-141				
Nitrobenzene	307	446	"	892	ND	34.4	10-131				
N-Nitrosodimethylamine	ND	446	"	892	ND		10-126	Low Bias			
N-nitroso-di-n-propylamine	236	446	"	892	ND	26.4	10-125				
N-Nitrosodiphenylamine	428	446	"	892	ND	48.0	10-177				
Pentachlorophenol	ND	446	"	892	ND		10-153	Low Bias			
Phenanthrene	510	446	"	892	224	32.1	10-148				
Phenol	325	446	"	892	ND	36.4	10-126				
Pyrene	578	446	"	892	402	19.8	10-165				
Pyridine	ND	1790	"	892	ND		10-83	Low Bias			
Surrogate: SURR: 2-Fluorophenol	*318*		*"*	*1780*		*17.8*	*20-108*				
Surrogate: SURR: Phenol-d6	*553*		*"*	*1780*		*31.0*	*23-114*				
Surrogate: SURR: Nitrobenzene-d5	*357*		*"*	*892*		*40.0*	*22-108*				
Surrogate: SURR: 2-Fluorobiphenyl	*328*		*"*	*892*		*36.8*	*21-113*				
Surrogate: SURR: 2,4,6-Tribromophenol	*0.00*		*"*	*1780*			*19-110*				
Surrogate: SURR: Terphenyl-d14	*400*		*"*	*892*		*44.8*	*24-116*				

Semivolatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Batch BB30243 - EPA 3550C

Matrix Spike Dup (BB30243-MSD1) *Source sample: 23B0251-01 (Matrix Spike Dup) Prepared: 02/05/2023 Analyzed: 02/06/2023

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
1,1-Biphenyl	318	446	ug/kg dry	892	ND	35.6	10-130		8.60	30	
1,2,4,5-Tetrachlorobenzene	ND	892	"	892	ND		10-133	Low Bias		30	
1,2,4-Trichlorobenzene	243	446	"	892	ND	27.2	10-127		31.1	30	Non-dir.
1,2-Dichlorobenzene	ND	446	"	892	ND		14-111	Low Bias		30	
1,2-Diphenylhydrazine (as Azobenzene)	ND	446	"	892	ND		10-144	Low Bias		30	
1,3-Dichlorobenzene	ND	446	"	892	ND		11-111	Low Bias		30	
1,4-Dichlorobenzene	ND	446	"	892	ND		10-106	Low Bias		30	
2,3,4,6-Tetrachlorophenol	ND	892	"	892	ND		30-130	Low Bias		30	
2,4,5-Trichlorophenol	ND	446	"	892	ND		10-127	Low Bias		30	
2,4,6-Trichlorophenol	ND	446	"	892	ND		10-132	Low Bias		30	
2,4-Dichlorophenol	ND	446	"	892	ND		10-128	Low Bias		30	
2,4-Dimethylphenol	ND	446	"	892	ND		10-137	Low Bias		30	
2,4-Dinitrophenol	ND	892	"	892	ND		10-171	Low Bias		30	
2,4-Dinitrotoluene	12700	446	"	892	ND	NR	16-135	High Bias	188	30	Non-dir.
2,6-Dinitrotoluene	253	446	"	892	ND	28.4	18-131		44.8	30	Non-dir.
2-Chloronaphthalene	271	446	"	892	ND	30.4	10-129		28.2	30	
2-Chlorophenol	ND	446	"	892	ND		15-116	Low Bias		30	
2-Methylnaphthalene	289	446	"	892	ND	32.4	10-147		23.0	30	
2-Methylphenol	ND	446	"	892	ND		10-136	Low Bias		30	
2-Nitroaniline	ND	892	"	892	ND		10-137	Low Bias		30	
2-Nitrophenol	ND	446	"	892	ND		10-129	Low Bias		30	
3- & 4-Methylphenols	ND	446	"	892	ND		10-123	Low Bias		30	
3,3-Dichlorobenzidine	ND	446	"	892	ND		10-155	Low Bias		30	
3-Nitroaniline	ND	892	"	892	ND		12-133	Low Bias		30	
4,6-Dinitro-2-methylphenol	ND	892	"	892	ND		10-155	Low Bias		30	
4-Bromophenyl phenyl ether	300	446	"	892	ND	33.6	14-128		26.8	30	
4-Chloro-3-methylphenol	261	446	"	892	ND	29.2	10-134		32.2	30	Non-dir.
4-Chloroaniline	ND	446	"	892	ND		10-145	Low Bias		30	
4-Chlorophenyl phenyl ether	289	446	"	892	ND	32.4	14-130		26.7	30	
4-Nitroaniline	ND	892	"	892	ND		10-147	Low Bias		30	
4-Nitrophenol	ND	892	"	892	ND		10-137	Low Bias		30	
Acenaphthene	282	446	"	892	ND	31.6	10-146		25.4	30	
Acenaphthylene	257	446	"	892	ND	28.8	10-134		27.5	30	
Acetophenone	246	446	"	892	ND	27.6	10-116		4.26	30	
Aniline	ND	1790	"	892	ND		10-123	Low Bias		30	
Anthracene	314	446	"	892	ND	35.2	10-142		30.8	30	Non-dir.
Atrazine	375	446	"	892	ND	42.0	19-115		14.2	30	
Benzaldehyde	286	446	"	892	ND	32.0	10-125		10.5	30	
Benzo(a)anthracene	364	446	"	892	ND	40.8	10-158		27.8	30	
Benzo(a)pyrene	335	446	"	892	ND	37.6	10-180		25.9	30	
Benzo(b)fluoranthene	346	446	"	892	ND	38.8	10-200		27.6	30	
Benzo(g,h,i)perylene	403	446	"	892	238	18.5	10-138		20.6	30	
Benzo(k)fluoranthene	325	446	"	892	ND	36.4	10-197		30.7	30	Non-dir.
Benzoic acid	989	446	"	892	ND	111	10-166		9.29	30	
Benzyl alcohol	ND	446	"	892	ND		12-124	Low Bias		30	
Benzyl butyl phthalate	314	446	"	892	ND	35.2	10-154		25.7	30	
Bis(2-chloroethoxy)methane	ND	446	"	892	ND		10-132	Low Bias		30	
Bis(2-chloroethyl)ether	ND	446	"	892	ND		10-119	Low Bias		30	
Bis(2-chloroisopropyl)ether	ND	446	"	892	ND		10-139	Low Bias		30	
Bis(2-ethylhexyl)phthalate	553	446	"	892	502	5.79	10-167	Low Bias	13.8	30	
Caprolactam	ND	892	"	892	ND		10-132	Low Bias		30	

Semivolatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BB30243 - EPA 3550C											
Matrix Spike Dup (BB30243-MSD1)	*Source sample: 23B0251-01 (Matrix Spike Dup)								Prepared: 02/05/2023 Analyzed: 02/06/2023		
Carbazole	296	446	ug/kg dry	892	ND	33.2	10-167		34.0	30	Non-dir.
Chrysene	382	446	"	892	245	15.3	10-156		28.1	30	
Dibenzo(a,h)anthracene	310	446	"	892	ND	34.8	10-137		28.6	30	
Dibenzofuran	282	446	"	892	ND	31.6	10-147		31.9	30	Non-dir.
Diethyl phthalate	250	446	"	892	ND	28.0	20-120		34.3	30	Non-dir.
Dimethyl phthalate	243	446	"	892	ND	27.2	18-131		31.1	30	Non-dir.
Di-n-butyl phthalate	278	446	"	892	ND	31.2	10-137		29.5	30	
Di-n-octyl phthalate	271	446	"	892	ND	30.4	10-180		24.3	30	
Diphenylamine	ND	892	"	892	ND		40-140	Low Bias		30	
Fluoranthene	389	446	"	892	285	11.7	10-160		34.2	30	Non-dir.
Fluorene	289	446	"	892	ND	32.4	10-157		30.4	30	Non-dir.
Hexachlorobenzene	268	446	"	892	ND	30.0	10-137		31.5	30	Non-dir.
Hexachlorobutadiene	250	446	"	892	ND	28.0	10-132		27.2	30	
Hexachlorocyclopentadiene	ND	446	"	892	ND		10-106	Low Bias		30	
Hexachloroethane	ND	446	"	892	ND		10-110	Low Bias		30	
Indeno(1,2,3-cd)pyrene	343	446	"	892	ND	38.4	10-144		23.9	30	
Isophorone	ND	446	"	892	ND		10-132	Low Bias		30	
Naphthalene	250	446	"	892	ND	28.0	10-141		25.0	30	
Nitrobenzene	ND	446	"	892	ND		10-131	Low Bias		30	
N-Nitrosodimethylamine	ND	446	"	892	ND		10-126	Low Bias		30	
N-nitroso-di-n-propylamine	ND	446	"	892	ND		10-125	Low Bias		30	
N-Nitrosodiphenylamine	346	446	"	892	ND	38.8	10-177		21.2	30	
Pentachlorophenol	ND	446	"	892	ND		10-153	Low Bias		30	
Phenanthrene	375	446	"	892	224	16.9	10-148		30.6	30	Non-dir.
Phenol	243	446	"	892	ND	27.2	10-126		28.9	30	
Pyrene	482	446	"	892	402	8.95	10-165	Low Bias	18.2	30	
Pyridine	ND	1790	"	892	ND		10-83	Low Bias		30	
Surrogate: SURR: 2-Fluorophenol	*289*		"	*1780*		*16.2*	*20-108*				
Surrogate: SURR: Phenol-d6	*510*		"	*1780*		*28.6*	*23-114*				
Surrogate: SURR: Nitrobenzene-d5	*307*		"	*892*		*34.4*	*22-108*				
Surrogate: SURR: 2-Fluorobiphenyl	*310*		"	*892*		*34.8*	*21-113*				
Surrogate: SURR: 2,4,6-Tribromophenol	*0.00*		"	*1780*			*19-110*				
Surrogate: SURR: Terphenyl-d14	*407*		"	*892*		*45.6*	*24-116*				

Semivolatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BB30424 - EPA 3550C											
Blank (BB30424-BLK1)											
1,1-Biphenyl	ND	41.7	ug/kg wet								
1,2,4,5-Tetrachlorobenzene	ND	83.3	"								
1,2,4-Trichlorobenzene	ND	41.7	"								
1,2-Dichlorobenzene	ND	41.7	"								
1,2-Diphenylhydrazine (as Azobenzene)	ND	41.7	"								
1,3-Dichlorobenzene	ND	41.7	"								
1,4-Dichlorobenzene	ND	41.7	"								
2,3,4,6-Tetrachlorophenol	ND	83.3	"								
2,4,5-Trichlorophenol	ND	41.7	"								
2,4,6-Trichlorophenol	ND	41.7	"								
2,4-Dichlorophenol	ND	41.7	"								
2,4-Dimethylphenol	ND	41.7	"								
2,4-Dinitrophenol	ND	83.3	"								
2,4-Dinitrotoluene	ND	41.7	"								
2,6-Dinitrotoluene	ND	41.7	"								
2-Chloronaphthalene	ND	41.7	"								
2-Chlorophenol	ND	41.7	"								
2-Methylnaphthalene	ND	41.7	"								
2-Methylphenol	ND	41.7	"								
2-Nitroaniline	ND	83.3	"								
2-Nitrophenol	ND	41.7	"								
3- & 4-Methylphenols	ND	41.7	"								
3,3-Dichlorobenzidine	ND	41.7	"								
3-Nitroaniline	ND	83.3	"								
4,6-Dinitro-2-methylphenol	ND	83.3	"								
4-Bromophenyl phenyl ether	ND	41.7	"								
4-Chloro-3-methylphenol	ND	41.7	"								
4-Chloroaniline	ND	41.7	"								
4-Chlorophenyl phenyl ether	ND	41.7	"								
4-Nitroaniline	ND	83.3	"								
4-Nitrophenol	ND	83.3	"								
Acenaphthene	ND	41.7	"								
Acenaphthylene	ND	41.7	"								
Acetophenone	ND	41.7	"								
Aniline	ND	167	"								
Anthracene	ND	41.7	"								
Atrazine	ND	41.7	"								
Benzaldehyde	ND	41.7	"								
Benzidine	ND	167	"								
Benzo(a)anthracene	ND	41.7	"								
Benzo(a)pyrene	ND	41.7	"								
Benzo(b)fluoranthene	ND	41.7	"								
Benzo(g,h,i)perylene	ND	41.7	"								
Benzo(k)fluoranthene	ND	41.7	"								
Benzoic acid	ND	41.7	"								
Benzyl alcohol	ND	41.7	"								
Benzyl butyl phthalate	ND	41.7	"								
Bis(2-chloroethoxy)methane	ND	41.7	"								
Bis(2-chloroethyl)ether	ND	41.7	"								
Bis(2-chloroisopropyl)ether	ND	41.7	"								
Bis(2-ethylhexyl)phthalate	ND	41.7	"								

Prepared: 02/08/2023 Analyzed: 02/09/2023

Semivolatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BB30424 - EPA 3550C											
Blank (BB30424-BLK1)											
Caprolactam	ND	83.3	ug/kg wet								
Carbazole	ND	41.7	"								
Chrysene	ND	41.7	"								
Dibenzo(a,h)anthracene	ND	41.7	"								
Dibenzofuran	ND	41.7	"								
Diethyl phthalate	ND	41.7	"								
Dimethyl phthalate	ND	41.7	"								
Di-n-butyl phthalate	ND	41.7	"								
Di-n-octyl phthalate	ND	41.7	"								
Diphenylamine	ND	83.3	"								
Fluoranthene	ND	41.7	"								
Fluorene	ND	41.7	"								
Hexachlorobenzene	ND	41.7	"								
Hexachlorobutadiene	ND	41.7	"								
Hexachlorocyclopentadiene	ND	41.7	"								
Hexachloroethane	ND	41.7	"								
Indeno(1,2,3-cd)pyrene	ND	41.7	"								
Isophorone	ND	41.7	"								
Naphthalene	ND	41.7	"								
Nitrobenzene	ND	41.7	"								
N-Nitrosodimethylamine	ND	41.7	"								
N-nitroso-di-n-propylamine	ND	41.7	"								
N-Nitrosodiphenylamine	ND	41.7	"								
Pentachlorophenol	ND	41.7	"								
Phenanthrene	ND	41.7	"								
Phenol	ND	41.7	"								
Pyrene	ND	41.7	"								
Pyridine	ND	167	"								
Surrogate: SURR: 2-Fluorophenol	*1220*		"	*1670*		*73.3*	*20-108*				
Surrogate: SURR: Phenol-d6	*1210*		"	*1670*		*72.5*	*23-114*				
Surrogate: SURR: Nitrobenzene-d5	*706*		"	*833*		*84.8*	*22-108*				
Surrogate: SURR: 2-Fluorobiphenyl	*614*		"	*833*		*73.7*	*21-113*				
Surrogate: SURR: 2,4,6-Tribromophenol	*1350*		"	*1670*		*81.1*	*19-110*				
Surrogate: SURR: Terphenyl-d14	*671*		"	*833*		*80.6*	*24-116*				

Prepared: 02/08/2023 Analyzed: 02/09/2023

Semivolatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BB30424 - EPA 3550C											
LCS (BB30424-BS1)								Prepared: 02/08/2023 Analyzed: 02/09/2023			
1,1-Biphenyl	577	41.7	ug/kg wet	833		69.2	18-111				
1,2,4,5-Tetrachlorobenzene	624	83.3	"	833		74.9	21-131				
1,2,4-Trichlorobenzene	604	41.7	"	833		72.5	10-140				
1,2-Dichlorobenzene	568	41.7	"	833		68.1	34-108				
1,2-Diphenylhydrazine (as Azobenzene)	583	41.7	"	833		70.0	17-137				
1,3-Dichlorobenzene	557	41.7	"	833		66.9	33-110				
1,4-Dichlorobenzene	556	41.7	"	833		66.7	32-104				
2,3,4,6-Tetrachlorophenol	701	83.3	"	833		84.2	30-130				
2,4,5-Trichlorophenol	603	41.7	"	833		72.3	27-118				
2,4,6-Trichlorophenol	595	41.7	"	833		71.4	31-120				
2,4-Dichlorophenol	635	41.7	"	833		76.2	20-127				
2,4-Dimethylphenol	667	41.7	"	833		80.0	14-132				
2,4-Dinitrophenol	370	83.3	"	833		44.4	10-171				
2,4-Dinitrotoluene	810	41.7	"	833		97.2	34-131				
2,6-Dinitrotoluene	797	41.7	"	833		95.7	31-128				
2-Chloronaphthalene	568	41.7	"	833		68.1	31-117				
2-Chlorophenol	571	41.7	"	833		68.6	33-113				
2-Methylnaphthalene	630	41.7	"	833		75.6	12-138				
2-Methylphenol	620	41.7	"	833		74.4	10-136				
2-Nitroaniline	674	83.3	"	833		80.9	27-132				
2-Nitrophenol	664	41.7	"	833		79.7	17-129				
3- & 4-Methylphenols	548	41.7	"	833		65.8	29-103				
3,3-Dichlorobenzidine	550	41.7	"	833		66.0	22-149				
3-Nitroaniline	697	83.3	"	833		83.6	20-133				
4,6-Dinitro-2-methylphenol	715	83.3	"	833		85.8	10-143				
4-Bromophenyl phenyl ether	584	41.7	"	833		70.0	29-120				
4-Chloro-3-methylphenol	674	41.7	"	833		80.9	24-129				
4-Chloroaniline	464	41.7	"	833		55.7	10-132				
4-Chlorophenyl phenyl ether	602	41.7	"	833		72.3	27-124				
4-Nitroaniline	732	83.3	"	833		87.8	16-128				
4-Nitrophenol	638	83.3	"	833		76.5	10-141				
Acenaphthene	589	41.7	"	833		70.7	30-121				
Acenaphthylene	552	41.7	"	833		66.2	30-115				
Acetophenone	567	41.7	"	833		68.1	20-112				
Aniline	448	167	"	833		53.8	10-119				
Anthracene	645	41.7	"	833		77.4	34-118				
Atrazine	628	41.7	"	833		75.4	26-112				
Benzaldehyde	570	41.7	"	833		68.4	21-100				
Benzo(a)anthracene	621	41.7	"	833		74.5	32-122				
Benzo(a)pyrene	648	41.7	"	833		77.8	29-133				
Benzo(b)fluoranthene	668	41.7	"	833		80.1	25-133				
Benzo(g,h,i)perylene	690	41.7	"	833		82.8	10-143				
Benzo(k)fluoranthene	665	41.7	"	833		79.8	25-128				
Benzoic acid	30.3	41.7	"	833		3.64	10-140	Low Bias			
Benzyl alcohol	601	41.7	"	833		72.1	30-115				
Benzyl butyl phthalate	607	41.7	"	833		72.9	26-126				
Bis(2-chloroethoxy)methane	608	41.7	"	833		72.9	19-132				
Bis(2-chloroethyl)ether	547	41.7	"	833		65.7	19-125				
Bis(2-chloroisopropyl)ether	591	41.7	"	833		70.9	20-135				
Bis(2-ethylhexyl)phthalate	630	41.7	"	833		75.6	10-155				
Caprolactam	707	83.3	"	833		84.8	10-127				

Semivolatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BB30424 - EPA 3550C											
LCS (BB30424-BS1)									Prepared: 02/08/2023 Analyzed: 02/09/2023		
Carbazole	653	41.7	ug/kg wet	833		78.4	35-123				
Chrysene	622	41.7	"	833		74.6	32-123				
Dibenzo(a,h)anthracene	669	41.7	"	833		80.3	10-136				
Dibenzofuran	607	41.7	"	833		72.9	29-121				
Diethyl phthalate	616	41.7	"	833		73.9	34-116				
Dimethyl phthalate	625	41.7	"	833		75.0	35-124				
Di-n-butyl phthalate	618	41.7	"	833		74.2	31-116				
Di-n-octyl phthalate	640	41.7	"	833		76.8	26-136				
Diphenylamine	699	83.3	"	833		83.9	40-140				
Fluoranthene	615	41.7	"	833		73.8	33-122				
Fluorene	627	41.7	"	833		75.2	29-123				
Hexachlorobenzene	586	41.7	"	833		70.3	21-124				
Hexachlorobutadiene	576	41.7	"	833		69.1	10-149				
Hexachlorocyclopentadiene	497	41.7	"	833		59.6	10-129				
Hexachloroethane	528	41.7	"	833		63.4	28-108				
Indeno(1,2,3-cd)pyrene	668	41.7	"	833		80.1	10-135				
Isophorone	646	41.7	"	833		77.5	20-132				
Naphthalene	616	41.7	"	833		74.0	23-124				
Nitrobenzene	650	41.7	"	833		78.0	13-132				
N-Nitrosodimethylamine	543	41.7	"	833		65.2	11-129				
N-nitroso-di-n-propylamine	582	41.7	"	833		69.8	24-119				
N-Nitrosodiphenylamine	701	41.7	"	833		84.2	22-152				
Pentachlorophenol	482	41.7	"	833		57.8	10-139				
Phenanthrene	617	41.7	"	833		74.1	33-123				
Phenol	609	41.7	"	833		73.1	23-115				
Pyrene	570	41.7	"	833		68.4	32-130				
Pyridine	428	167	"	833		51.3	10-91				
Surrogate: SURR: 2-Fluorophenol	*1100*		"	*1670*		*66.3*	*20-108*				
Surrogate: SURR: Phenol-d6	*1090*		"	*1670*		*65.7*	*23-114*				
Surrogate: SURR: Nitrobenzene-d5	*620*		"	*833*		*74.4*	*22-108*				
Surrogate: SURR: 2-Fluorobiphenyl	*538*		"	*833*		*64.6*	*21-113*				
Surrogate: SURR: 2,4,6-Tribromophenol	*1260*		"	*1670*		*75.5*	*19-110*				
Surrogate: SURR: Terphenyl-d14	*588*		"	*833*		*70.5*	*24-116*				

Semivolatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Batch BB30424 - EPA 3550C

Matrix Spike (BB30424-MS1) *Source sample: 23B0097-05 (Matrix Spike) Prepared: 02/08/2023 Analyzed: 02/09/2023

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
1,1-Biphenyl	586	84.5	ug/kg dry	844	ND	69.4	10-130				
1,2,4,5-Tetrachlorobenzene	614	169	"	844	ND	72.7	10-133				
1,2,4-Trichlorobenzene	519	84.5	"	844	ND	61.4	10-127				
1,2-Dichlorobenzene	418	84.5	"	844	ND	49.5	14-111				
1,2-Diphenylhydrazine (as Azobenzene)	568	84.5	"	844	ND	67.3	10-144				
1,3-Dichlorobenzene	404	84.5	"	844	ND	47.8	11-111				
1,4-Dichlorobenzene	405	84.5	"	844	ND	47.9	10-106				
2,3,4,6-Tetrachlorophenol	828	169	"	844	ND	98.0	30-130				
2,4,5-Trichlorophenol	607	84.5	"	844	ND	71.8	10-127				
2,4,6-Trichlorophenol	634	84.5	"	844	ND	75.0	10-132				
2,4-Dichlorophenol	634	84.5	"	844	ND	75.0	10-128				
2,4-Dimethylphenol	572	84.5	"	844	ND	67.8	10-137				
2,4-Dinitrophenol	90.5	169	"	844	ND	10.7	10-171				
2,4-Dinitrotoluene	910	84.5	"	844	ND	108	16-135				
2,6-Dinitrotoluene	650	84.5	"	844	ND	77.0	18-131				
2-Chloronaphthalene	572	84.5	"	844	ND	67.8	10-129				
2-Chlorophenol	467	84.5	"	844	ND	55.3	15-116				
2-Methylnaphthalene	626	84.5	"	844	ND	74.1	10-147				
2-Methylphenol	527	84.5	"	844	ND	62.4	10-136				
2-Nitroaniline	838	169	"	844	ND	99.3	10-137				
2-Nitrophenol	508	84.5	"	844	ND	60.2	10-129				
3- & 4-Methylphenols	520	84.5	"	844	ND	61.5	10-123				
3,3-Dichlorobenzidine	ND	84.5	"	844	ND		10-155	Low Bias			
3-Nitroaniline	89.9	169	"	844	ND	10.6	12-133	Low Bias			
4,6-Dinitro-2-methylphenol	133	169	"	844	ND	15.8	10-155				
4-Bromophenyl phenyl ether	711	84.5	"	844	ND	84.2	14-128				
4-Chloro-3-methylphenol	671	84.5	"	844	ND	79.4	10-134				
4-Chloroaniline	174	84.5	"	844	ND	20.6	10-145				
4-Chlorophenyl phenyl ether	619	84.5	"	844	ND	73.3	14-130				
4-Nitroaniline	ND	169	"	844	ND		10-147	Low Bias			
4-Nitrophenol	ND	169	"	844	ND		10-137	Low Bias			
Acenaphthene	595	84.5	"	844	ND	70.4	10-146				
Acenaphthylene	435	84.5	"	844	ND	51.5	10-134				
Acetophenone	508	84.5	"	844	ND	60.2	10-116				
Aniline	339	338	"	844	ND	40.2	10-123				
Anthracene	568	84.5	"	844	ND	67.3	10-142				
Atrazine	572	84.5	"	844	ND	67.8	19-115				
Benzaldehyde	468	84.5	"	844	ND	55.4	10-125				
Benzo(a)anthracene	627	84.5	"	844	ND	74.2	10-158				
Benzo(a)pyrene	497	84.5	"	844	ND	58.8	10-180				
Benzo(b)fluoranthene	578	84.5	"	844	ND	68.4	10-200				
Benzo(g,h,i)perylene	695	84.5	"	844	ND	82.2	10-138				
Benzo(k)fluoranthene	592	84.5	"	844	ND	70.2	10-197				
Benzoic acid	1050	84.5	"	844	ND	124	10-166				
Benzyl alcohol	502	84.5	"	844	ND	59.4	12-124				
Benzyl butyl phthalate	764	84.5	"	844	ND	90.5	10-154				
Bis(2-chloroethoxy)methane	482	84.5	"	844	ND	57.0	10-132				
Bis(2-chloroethyl)ether	497	84.5	"	844	ND	58.9	10-119				
Bis(2-chloroisopropyl)ether	504	84.5	"	844	ND	59.7	10-139				
Bis(2-ethylhexyl)phthalate	1280	84.5	"	844	ND	151	10-167				
Caprolactam	103	169	"	844	ND	12.2	10-132				

Semivolatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BB30424 - EPA 3550C											
Matrix Spike (BB30424-MS1)	*Source sample: 23B0097-05 (Matrix Spike)							Prepared: 02/08/2023 Analyzed: 02/09/2023			
Carbazole	617	84.5	ug/kg dry	844	ND	73.0	10-167				
Chrysene	627	84.5	"	844	ND	74.2	10-156				
Dibenzo(a,h)anthracene	669	84.5	"	844	ND	79.2	10-137				
Dibenzofuran	605	84.5	"	844	ND	71.7	10-147				
Diethyl phthalate	603	84.5	"	844	ND	71.4	20-120				
Dimethyl phthalate	588	84.5	"	844	ND	69.6	18-131				
Di-n-butyl phthalate	636	84.5	"	844	ND	75.3	10-137				
Di-n-octyl phthalate	724	84.5	"	844	ND	85.8	10-180				
Diphenylamine	649	169	"	844	ND	76.9	40-140				
Fluoranthene	568	84.5	"	844	ND	67.3	10-160				
Fluorene	624	84.5	"	844	ND	73.9	10-157				
Hexachlorobenzene	652	84.5	"	844	ND	77.2	10-137				
Hexachlorobutadiene	518	84.5	"	844	ND	61.3	10-132				
Hexachlorocyclopentadiene	184	84.5	"	844	ND	21.8	10-106				
Hexachloroethane	392	84.5	"	844	ND	46.4	10-110				
Indeno(1,2,3-cd)pyrene	655	84.5	"	844	ND	77.5	10-144				
Isophorone	543	84.5	"	844	ND	64.2	10-132				
Naphthalene	539	84.5	"	844	ND	63.8	10-141				
Nitrobenzene	505	84.5	"	844	ND	59.8	10-131				
N-Nitrosodimethylamine	329	84.5	"	844	ND	39.0	10-126				
N-nitroso-di-n-propylamine	609	84.5	"	844	ND	72.1	10-125				
N-Nitrosodiphenylamine	570	84.5	"	844	ND	67.5	10-177				
Pentachlorophenol	805	84.5	"	844	ND	95.4	10-153				
Phenanthrene	615	84.5	"	844	ND	72.8	10-148				
Phenol	501	84.5	"	844	ND	59.3	10-126				
Pyrene	790	84.5	"	844	ND	93.6	10-165				
Pyridine	322	338	"	844	ND	38.1	10-83				
Surrogate: SURR: 2-Fluorophenol	*822*		"	*1690*		*48.7*	*20-108*				
Surrogate: SURR: Phenol-d6	*971*		"	*1690*		*57.5*	*23-114*				
Surrogate: SURR: Nitrobenzene-d5	*595*		"	*844*		*70.5*	*22-108*				
Surrogate: SURR: 2-Fluorobiphenyl	*535*		"	*844*		*63.4*	*21-113*				
Surrogate: SURR: 2,4,6-Tribromophenol	*1500*		"	*1690*		*88.6*	*19-110*				
Surrogate: SURR: Terphenyl-d14	*726*		"	*844*		*85.9*	*24-116*				

Semivolatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Batch BB30424 - EPA 3550C

Matrix Spike Dup (BB30424-MSD1) *Source sample: 23B0097-05 (Matrix Spike Dup) Prepared: 02/08/2023 Analyzed: 02/09/2023

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
1,1-Biphenyl	507	84.5	ug/kg dry	844	ND	60.1	10-130		14.3	30	
1,2,4,5-Tetrachlorobenzene	546	169	"	844	ND	64.6	10-133		11.8	30	
1,2,4-Trichlorobenzene	489	84.5	"	844	ND	57.9	10-127		5.90	30	
1,2-Dichlorobenzene	409	84.5	"	844	ND	48.5	14-111		2.12	30	
1,2-Diphenylhydrazine (as Azobenzene)	540	84.5	"	844	ND	63.9	10-144		5.12	30	
1,3-Dichlorobenzene	394	84.5	"	844	ND	46.6	11-111		2.54	30	
1,4-Dichlorobenzene	391	84.5	"	844	ND	46.3	10-106		3.40	30	
2,3,4,6-Tetrachlorophenol	975	169	"	844	ND	115	30-130		16.3	30	
2,4,5-Trichlorophenol	532	84.5	"	844	ND	63.0	10-127		13.2	30	
2,4,6-Trichlorophenol	589	84.5	"	844	ND	69.8	10-132		7.29	30	
2,4-Dichlorophenol	564	84.5	"	844	ND	66.8	10-128		11.6	30	
2,4-Dimethylphenol	536	84.5	"	844	ND	63.4	10-137		6.59	30	
2,4-Dinitrophenol	94.6	169	"	844	ND	11.2	10-171		4.38	30	
2,4-Dinitrotoluene	569	84.5	"	844	ND	67.4	16-135		46.1	30	Non-dir.
2,6-Dinitrotoluene	665	84.5	"	844	ND	78.7	18-131		2.26	30	
2-Chloronaphthalene	507	84.5	"	844	ND	60.0	10-129		12.1	30	
2-Chlorophenol	451	84.5	"	844	ND	53.4	15-116		3.38	30	
2-Methylnaphthalene	555	84.5	"	844	ND	65.8	10-147		11.9	30	
2-Methylphenol	510	84.5	"	844	ND	60.4	10-136		3.26	30	
2-Nitroaniline	816	169	"	844	ND	96.6	10-137		2.69	30	
2-Nitrophenol	424	84.5	"	844	ND	50.2	10-129		18.1	30	
3- & 4-Methylphenols	491	84.5	"	844	ND	58.2	10-123		5.61	30	
3,3-Dichlorobenzidine	ND	84.5	"	844	ND		10-155	Low Bias		30	
3-Nitroaniline	116	169	"	844	ND	13.7	12-133		25.0	30	
4,6-Dinitro-2-methylphenol	483	169	"	844	ND	57.2	10-155		114	30	Non-dir.
4-Bromophenyl phenyl ether	607	84.5	"	844	ND	71.9	14-128		15.8	30	
4-Chloro-3-methylphenol	595	84.5	"	844	ND	70.4	10-134		12.1	30	
4-Chloroaniline	ND	84.5	"	844	ND		10-145	Low Bias		30	
4-Chlorophenyl phenyl ether	531	84.5	"	844	ND	62.9	14-130		15.3	30	
4-Nitroaniline	ND	169	"	844	ND		10-147	Low Bias		30	
4-Nitrophenol	ND	169	"	844	ND		10-137	Low Bias		30	
Acenaphthene	538	84.5	"	844	ND	63.7	10-146		10.0	30	
Acenaphthylene	433	84.5	"	844	ND	51.3	10-134		0.467	30	
Acetophenone	495	84.5	"	844	ND	58.6	10-116		2.70	30	
Aniline	366	338	"	844	ND	43.4	10-123		7.66	30	
Anthracene	571	84.5	"	844	ND	67.6	10-142		0.474	30	
Atrazine	547	84.5	"	844	ND	64.7	19-115		4.59	30	
Benzaldehyde	445	84.5	"	844	ND	52.6	10-125		5.18	30	
Benzo(a)anthracene	574	84.5	"	844	ND	68.0	10-158		8.77	30	
Benzo(a)pyrene	488	84.5	"	844	ND	57.8	10-180		1.65	30	
Benzo(b)fluoranthene	545	84.5	"	844	ND	64.6	10-200		5.78	30	
Benzo(g,h,i)perylene	559	84.5	"	844	ND	66.2	10-138		21.6	30	
Benzo(k)fluoranthene	533	84.5	"	844	ND	63.1	10-197		10.6	30	
Benzoic acid	946	84.5	"	844	ND	112	10-166		10.3	30	
Benzyl alcohol	455	84.5	"	844	ND	53.9	12-124		9.74	30	
Benzyl butyl phthalate	606	84.5	"	844	ND	71.8	10-154		23.1	30	
Bis(2-chloroethoxy)methane	458	84.5	"	844	ND	54.2	10-132		5.03	30	
Bis(2-chloroethyl)ether	549	84.5	"	844	ND	65.0	10-119		9.82	30	
Bis(2-chloroisopropyl)ether	475	84.5	"	844	ND	56.2	10-139		5.94	30	
Bis(2-ethylhexyl)phthalate	1110	84.5	"	844	ND	131	10-167		14.1	30	
Caprolactam	ND	169	"	844	ND		10-132	Low Bias		30	

Semivolatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BB30424 - EPA 3550C											
Matrix Spike Dup (BB30424-MSD1)	*Source sample: 23B0097-05 (Matrix Spike Dup)								Prepared: 02/08/2023 Analyzed: 02/09/2023		
Carbazole	547	84.5	ug/kg dry	844	ND	64.7	10-167		12.1	30	
Chrysene	568	84.5	"	844	ND	67.2	10-156		9.95	30	
Dibenzo(a,h)anthracene	556	84.5	"	844	ND	65.8	10-137		18.4	30	
Dibenzofuran	537	84.5	"	844	ND	63.6	10-147		11.9	30	
Diethyl phthalate	519	84.5	"	844	ND	61.4	20-120		14.9	30	
Dimethyl phthalate	508	84.5	"	844	ND	60.2	18-131		14.5	30	
Di-n-butyl phthalate	584	84.5	"	844	ND	69.2	10-137		8.42	30	
Di-n-octyl phthalate	586	84.5	"	844	ND	69.4	10-180		21.1	30	
Diphenylamine	787	169	"	844	ND	93.2	40-140		19.2	30	
Fluoranthene	529	84.5	"	844	ND	62.6	10-160		7.14	30	
Fluorene	556	84.5	"	844	ND	65.8	10-157		11.6	30	
Hexachlorobenzene	565	84.5	"	844	ND	67.0	10-137		14.2	30	
Hexachlorobutadiene	485	84.5	"	844	ND	57.4	10-132		6.47	30	
Hexachlorocyclopentadiene	81.7	84.5	"	844	ND	9.68	10-106	Low Bias	76.8	30	Non-dir.
Hexachloroethane	348	84.5	"	844	ND	41.2	10-110		11.9	30	
Indeno(1,2,3-cd)pyrene	549	84.5	"	844	ND	65.0	10-144		17.6	30	
Isophorone	513	84.5	"	844	ND	60.8	10-132		5.50	30	
Naphthalene	501	84.5	"	844	ND	59.4	10-141		7.27	30	
Nitrobenzene	524	84.5	"	844	ND	62.1	10-131		3.81	30	
N-Nitrosodimethylamine	317	84.5	"	844	ND	37.5	10-126		3.77	30	
N-nitroso-di-n-propylamine	549	84.5	"	844	ND	65.0	10-125		10.4	30	
N-Nitrosodiphenylamine	56.1	84.5	"	844	ND	6.64	10-177	Low Bias	164	30	Non-dir.
Pentachlorophenol	672	84.5	"	844	ND	79.5	10-153		18.1	30	
Phenanthrene	556	84.5	"	844	ND	65.8	10-148		10.0	30	
Phenol	476	84.5	"	844	ND	56.4	10-126		4.98	30	
Pyrene	742	84.5	"	844	ND	87.9	10-165		6.26	30	
Pyridine	ND	338	"	844	ND		10-83	Low Bias		30	
Surrogate: SURR: 2-Fluorophenol	*795*		"	*1690*		*47.0*	*20-108*				
Surrogate: SURR: Phenol-d6	*895*		"	*1690*		*53.0*	*23-114*				
Surrogate: SURR: Nitrobenzene-d5	*607*		"	*844*		*71.9*	*22-108*				
Surrogate: SURR: 2-Fluorobiphenyl	*467*		"	*844*		*55.3*	*21-113*				
Surrogate: SURR: 2,4,6-Tribromophenol	*1320*		"	*1690*		*78.1*	*19-110*				
Surrogate: SURR: Terphenyl-d14	*627*		"	*844*		*74.2*	*24-116*				

Organochlorine Pesticides by GC/ECD - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BB30259 - EPA 3550C											
Blank (BB30259-BLK1)										Prepared & Analyzed: 02/06/2023	
4,4'-DDD	ND	1.64	ug/kg wet								
4,4'-DDE	ND	1.64	"								
4,4'-DDT	ND	1.64	"								
Aldrin	ND	1.64	"								
alpha-BHC	ND	1.64	"								
beta-BHC	ND	1.64	"								
Chlordane, total	ND	32.9	"								
delta-BHC	ND	1.64	"								
Dieldrin	ND	1.64	"								
Endosulfan I	ND	1.64	"								
Endosulfan II	ND	1.64	"								
Endosulfan sulfate	ND	1.64	"								
Endrin	ND	1.64	"								
Endrin aldehyde	ND	1.64	"								
Endrin ketone	ND	1.64	"								
gamma-BHC (Lindane)	ND	1.64	"								
Heptachlor	ND	1.64	"								
Heptachlor epoxide	ND	1.64	"								
Methoxychlor	ND	8.22	"								
Toxaphene	ND	83.2	"								
Surrogate: Decachlorobiphenyl	*46.9*		*"*	*66.4*		*70.6*	*30-150*				
Surrogate: Tetrachloro-m-xylene	*51.0*		*"*	*66.4*		*76.7*	*30-150*				
LCS (BB30259-BS1)										Prepared & Analyzed: 02/06/2023	
4,4'-DDD	29.4	1.64	ug/kg wet	33.2		88.6	40-140				
4,4'-DDE	25.2	1.64	"	33.2		76.0	40-140				
4,4'-DDT	13.4	1.64	"	33.2		40.2	40-140				
Aldrin	24.0	1.64	"	33.2		72.4	40-140				
alpha-BHC	24.2	1.64	"	33.2		72.7	40-140				
beta-BHC	27.3	1.64	"	33.2		82.3	40-140				
delta-BHC	24.8	1.64	"	33.2		74.6	40-140				
Dieldrin	26.4	1.64	"	33.2		79.3	40-140				
Endosulfan I	27.4	1.64	"	33.2		82.5	40-140				
Endosulfan II	27.7	1.64	"	33.2		83.3	40-140				
Endosulfan sulfate	26.9	1.64	"	33.2		81.0	40-140				
Endrin	23.1	1.64	"	33.2		69.5	40-140				
Endrin aldehyde	26.9	1.64	"	33.2		80.9	40-140				
Endrin ketone	27.9	1.64	"	33.2		83.9	40-140				
gamma-BHC (Lindane)	24.1	1.64	"	33.2		72.6	40-140				
Heptachlor	21.1	1.64	"	33.2		63.4	40-140				
Heptachlor epoxide	26.2	1.64	"	33.2		78.9	40-140				
Methoxychlor	14.9	8.22	"	33.2		45.0	40-140				
Surrogate: Decachlorobiphenyl	*41.5*		*"*	*66.4*		*62.5*	*30-150*				
Surrogate: Tetrachloro-m-xylene	*44.5*		*"*	*66.4*		*67.0*	*30-150*				

Organochlorine Pesticides by GC/ECD - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BB30336 - EPA 3550C											
Blank (BB30336-BLK1)											Prepared & Analyzed: 02/07/2023
4,4'-DDD	ND	1.64	ug/kg wet								
4,4'-DDE	ND	1.64	"								
4,4'-DDT	ND	1.64	"								
Aldrin	ND	1.64	"								
alpha-BHC	ND	1.64	"								
beta-BHC	ND	1.64	"								
Chlordane, total	ND	32.9	"								
delta-BHC	ND	1.64	"								
Dieldrin	ND	1.64	"								
Endosulfan I	ND	1.64	"								
Endosulfan II	ND	1.64	"								
Endosulfan sulfate	ND	1.64	"								
Endrin	ND	1.64	"								
Endrin aldehyde	ND	1.64	"								
Endrin ketone	ND	1.64	"								
gamma-BHC (Lindane)	ND	1.64	"								
Heptachlor	ND	1.64	"								
Heptachlor epoxide	ND	1.64	"								
Methoxychlor	ND	8.22	"								
Toxaphene	ND	83.2	"								
Surrogate: Decachlorobiphenyl	*75.0*		*"*	*66.4*		*113*	*30-150*				
Surrogate: Tetrachloro-m-xylene	*63.0*		*"*	*66.4*		*94.8*	*30-150*				
LCS (BB30336-BS1)											Prepared & Analyzed: 02/07/2023
4,4'-DDD	39.3	1.64	ug/kg wet	33.2		118	40-140				
4,4'-DDE	35.8	1.64	"	33.2		108	40-140				
4,4'-DDT	26.5	1.64	"	33.2		79.7	40-140				
Aldrin	34.1	1.64	"	33.2		103	40-140				
alpha-BHC	33.7	1.64	"	33.2		101	40-140				
beta-BHC	38.4	1.64	"	33.2		116	40-140				
delta-BHC	34.8	1.64	"	33.2		105	40-140				
Dieldrin	37.0	1.64	"	33.2		111	40-140				
Endosulfan I	37.9	1.64	"	33.2		114	40-140				
Endosulfan II	38.1	1.64	"	33.2		115	40-140				
Endosulfan sulfate	36.7	1.64	"	33.2		110	40-140				
Endrin	35.0	1.64	"	33.2		105	40-140				
Endrin aldehyde	35.7	1.64	"	33.2		108	40-140				
Endrin ketone	37.3	1.64	"	33.2		112	40-140				
gamma-BHC (Lindane)	34.4	1.64	"	33.2		103	40-140				
Heptachlor	31.9	1.64	"	33.2		96.0	40-140				
Heptachlor epoxide	36.8	1.64	"	33.2		111	40-140				
Methoxychlor	27.9	8.22	"	33.2		84.0	40-140				
Surrogate: Decachlorobiphenyl	*68.8*		*"*	*66.4*		*104*	*30-150*				
Surrogate: Tetrachloro-m-xylene	*55.3*		*"*	*66.4*		*83.3*	*30-150*				

Polychlorinated Biphenyls by GC/ECD - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BB30259 - EPA 3550C											
Blank (BB30259-BLK2)											
Prepared: 02/06/2023 Analyzed: 02/10/2023											
Aroclor 1016	ND	0.0166	mg/kg wet								
Aroclor 1221	ND	0.0166	"								
Aroclor 1232	ND	0.0166	"								
Aroclor 1242	ND	0.0166	"								
Aroclor 1248	ND	0.0166	"								
Aroclor 1254	ND	0.0166	"								
Aroclor 1260	ND	0.0166	"								
Total PCBs	ND	0.0166	"								
Surrogate: Tetrachloro-m-xylene	*0.0581*		*"*	*0.0664*		*87.5*	*30-140*				
Surrogate: Decachlorobiphenyl	*0.0698*		*"*	*0.0664*		*105*	*30-140*				
LCS (BB30259-BS2)											
Prepared: 02/06/2023 Analyzed: 02/10/2023											
Aroclor 1016	0.270	0.0166	mg/kg wet	0.332		81.3	40-130				
Aroclor 1260	0.311	0.0166	"	0.332		93.5	40-130				
Surrogate: Tetrachloro-m-xylene	*0.0535*		*"*	*0.0664*		*80.5*	*30-140*				
Surrogate: Decachlorobiphenyl	*0.0578*		*"*	*0.0664*		*87.0*	*30-140*				
Batch BB30336 - EPA 3550C											
Blank (BB30336-BLK2)											
Prepared: 02/07/2023 Analyzed: 02/10/2023											
Aroclor 1016	ND	0.0166	mg/kg wet								
Aroclor 1221	ND	0.0166	"								
Aroclor 1232	ND	0.0166	"								
Aroclor 1242	ND	0.0166	"								
Aroclor 1248	ND	0.0166	"								
Aroclor 1254	ND	0.0166	"								
Aroclor 1260	ND	0.0166	"								
Total PCBs	ND	0.0166	"								
Surrogate: Tetrachloro-m-xylene	*0.0635*		*"*	*0.0664*		*95.5*	*30-140*				
Surrogate: Decachlorobiphenyl	*0.0857*		*"*	*0.0664*		*129*	*30-140*				

Polychlorinated Biphenyls by GC/ECD - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BB30336 - EPA 3550C											
LCS (BB30336-BS2)									Prepared: 02/07/2023 Analyzed: 02/10/2023		
Aroclor 1016	0.304	0.0166	mg/kg wet	0.332		91.4	40-130				
Aroclor 1260	0.347	0.0166	"	0.332		104	40-130				
Surrogate: Tetrachloro-m-xylene	*0.0551*		"	*0.0664*		*83.0*	*30-140*				
Surrogate: Decachlorobiphenyl	*0.0834*		"	*0.0664*		*126*	*30-140*				
Matrix Spike (BB30336-MS2)	*Source sample: 23B0078-04 (SB-2 (5-7 ft))								Prepared: 02/07/2023 Analyzed: 02/10/2023		
Aroclor 1016	0.328	0.0181	mg/kg dry	0.363	ND	90.4	40-140				
Aroclor 1260	0.459	0.0181	"	0.363	ND	127	40-140				
Surrogate: Tetrachloro-m-xylene	*0.0635*		"	*0.0725*		*87.5*	*30-140*				
Surrogate: Decachlorobiphenyl	*0.0972*		"	*0.0725*		*134*	*30-140*				
Matrix Spike Dup (BB30336-MSD2)	*Source sample: 23B0078-04 (SB-2 (5-7 ft))								Prepared: 02/07/2023 Analyzed: 02/10/2023		
Aroclor 1016	0.336	0.0181	mg/kg dry	0.361	ND	93.0	40-140		2.51	50	
Aroclor 1260	0.460	0.0181	"	0.361	ND	127	40-140		0.0654	50	
Surrogate: Tetrachloro-m-xylene	*0.0651*		"	*0.0723*		*90.0*	*30-140*				
Surrogate: Decachlorobiphenyl	*0.0965*		"	*0.0723*		*134*	*30-140*				

Metals by ICP - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BB30523 - EPA 3050B											
Blank (BB30523-BLK1)									Prepared: 02/09/2023 Analyzed: 02/10/2023		
Aluminum	ND	4.17	mg/kg wet								
Antimony	ND	2.08	"								
Arsenic	ND	1.25	"								
Barium	ND	2.08	"								
Beryllium	ND	0.042	"								
Cadmium	ND	0.250	"								
Calcium	ND	4.17	"								
Chromium	ND	0.417	"								
Cobalt	ND	0.333	"								
Copper	ND	1.67	"								
Iron	ND	20.8	"								
Lead	ND	0.417	"								
Magnesium	ND	4.17	"								
Manganese	ND	0.417	"								
Nickel	ND	0.830	"								
Potassium	6.94	4.17	"								
Selenium	ND	2.08	"								
Silver	ND	0.420	"								
Sodium	ND	41.7	"								
Thallium	ND	2.08	"								
Vanadium	ND	0.830	"								
Zinc	ND	2.08	"								
Duplicate (BB30523-DUP1)	*Source sample: 23B0078-11 (SB-6 (0-2 ft))								Prepared: 02/09/2023 Analyzed: 02/10/2023		
Aluminum	6770	4.67	mg/kg dry		6560				3.05	35	
Antimony	ND	2.33	"		ND					35	
Arsenic	4.25	1.40	"		4.73				10.6	35	
Barium	297	2.33	"		242				20.5	35	
Beryllium	0.492	0.047	"		0.484				1.77	35	
Cadmium	0.654	0.280	"		0.643				1.67	35	
Calcium	12800	4.67	"		16600				25.8	35	
Chromium	18.0	0.467	"		16.4				9.22	35	
Cobalt	6.89	0.373	"		6.02				13.4	35	
Copper	82.8	1.87	"		72.0				13.9	35	
Iron	21500	23.3	"		19300				10.8	35	
Lead	407	0.467	"		365				10.9	35	
Magnesium	4020	4.67	"		3710				8.16	35	
Manganese	314	0.467	"		261				18.5	35	
Nickel	17.0	0.930	"		15.8				7.56	35	
Potassium	903	4.67	"		930				2.86	35	
Selenium	ND	2.33	"		ND					35	
Silver	ND	0.470	"		ND					35	
Sodium	152	46.7	"		162				5.93	35	
Thallium	ND	2.33	"		ND					35	
Vanadium	23.0	0.930	"		23.4				1.56	35	
Zinc	374	2.32	"		354				5.45	35	

Metals by ICP - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BB30523 - EPA 3050B											
Matrix Spike (BB30523-MS1)	*Source sample: 23B0078-11 (SB-6 (0-2 ft))							Prepared: 02/09/2023 Analyzed: 02/10/2023			
Aluminum	7250	4.67	mg/kg dry	187	6560	371	75-125	High Bias			
Antimony	5.78	2.33	"	23.3	ND	24.8	75-125	Low Bias			
Arsenic	159	1.40	"	187	4.73	82.9	75-125				
Barium	348	2.33	"	187	242	56.7	75-125	Low Bias			
Beryllium	4.34	0.047	"	4.67	0.484	82.6	75-125				
Cadmium	4.57	0.280	"	4.67	0.643	84.1	75-125				
Calcium	11300	4.67	"	93.3	16600	NR	75-125	Low Bias			
Chromium	29.7	0.467	"	18.7	16.4	71.3	75-125	Low Bias			
Cobalt	45.4	0.373	"	46.7	6.02	84.3	75-125				
Copper	398	1.87	"	23.3	72.0	NR	75-125	High Bias			
Iron	19500	23.3	"	93.3	19300	213	75-125	High Bias			
Lead	360	0.467	"	46.7	365	NR	75-125	Low Bias			
Magnesium	4300	4.67	"	93.3	3710	635	75-125	High Bias			
Manganese	309	0.467	"	46.7	261	102	75-125				
Nickel	56.0	0.930	"	46.7	15.8	86.1	75-125				
Potassium	980	4.67	"	93.3	930	53.5	75-125	Low Bias			
Selenium	102	2.33	"	187	ND	54.7	75-125	Low Bias			
Silver	ND	0.470	"	4.67	ND		75-125	Low Bias			
Sodium	211	46.7	"	93.3	162	52.4	75-125	Low Bias			
Thallium	145	2.33	"	187	ND	77.9	75-125				
Vanadium	65.0	0.930	"	46.7	23.4	89.1	75-125				
Zinc	394	2.32	"	46.7	354	85.5	75-125				
Post Spike (BB30523-PS1)	*Source sample: 23B0078-11 (SB-6 (0-2 ft))							Prepared: 02/09/2023 Analyzed: 02/10/2023			
Aluminum	73.1		ug/mL	2.00	70.3	142	75-125	High Bias			
Antimony	0.269		"	0.250	-0.007	107	75-125				
Arsenic	2.05		"	2.00	0.051	100	75-125				
Barium	4.58		"	2.00	2.59	99.6	75-125				
Beryllium	0.054		"	0.0500	0.005	98.0	75-125				
Cadmium	0.056		"	0.0500	0.007	97.2	75-125				
Calcium	183		"	1.00	178	490	75-125	High Bias			
Chromium	0.367		"	0.200	0.176	95.7	75-125				
Cobalt	0.560		"	0.500	0.065	99.2	75-125				
Copper	1.03		"	0.250	0.772	102	75-125				
Iron	210		"	1.00	207	281	75-125	High Bias			
Lead	4.44		"	0.500	3.91	106	75-125				
Magnesium	41.2		"	1.00	39.7	149	75-125	High Bias			
Manganese	3.33		"	0.500	2.80	106	75-125				
Nickel	0.677		"	0.500	0.169	102	75-125				
Potassium	11.0		"	1.00	9.96	106	75-125				
Selenium	1.34		"	2.00	-0.278	67.2	75-125	Low Bias			
Silver	-0.006		"	0.0500	-0.033		75-125	Low Bias			
Sodium	2.76		"	1.00	1.73	102	75-125				
Thallium	1.84		"	2.00	0.002	91.8	75-125				
Vanadium	0.740		"	0.500	0.251	97.9	75-125				
Zinc	4.23		"	0.500	3.80	86.4	75-125				

Metals by ICP - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BB30523 - EPA 3050B											
Reference (BB30523-SRM1)									Prepared: 02/09/2023 Analyzed: 02/10/2023		
Aluminum	7570	4.17	mg/kg wet	7970		95.0	49.7-150.6				
Antimony	83.3	2.08	"	136		61.2	20.4-249.3				
Arsenic	91.1	1.25	"	87.4		104	70-130.4				
Barium	377	2.08	"	347		109	75.2-130.3				
Beryllium	102	0.042	"	103		99.5	74.8-132				
Cadmium	165	0.250	"	160		103	75-145.6				
Calcium	4110	4.17	"	4100		100	71.7-139.3				
Chromium	236	0.417	"	231		102	70.1-134.2				
Cobalt	252	0.333	"	241		105	75.1-141.5				
Copper	156	1.67	"	144		108	75-126.4				
Iron	13300	20.8	"	14200		93.9	35.3-164.8				
Lead	259	0.417	"	266		97.2	74.1-125.9				
Magnesium	2210	4.17	"	2220		99.5	61.3-138.7				
Manganese	561	0.417	"	555		101	77.3-132.8				
Nickel	374	0.830	"	350		107	70-144				
Potassium	2020	4.17	"	1940		104	58.2-141.8				
Selenium	87.9	2.08	"	130		67.6	66.9-133.8				
Silver	55.4	0.420	"	57.1		97.0	70.2-129.8				
Sodium	122	41.7	"	117		104	30.5-170.1				
Thallium	73.8	2.08	"	75.4		97.9	64.3-135.3				
Vanadium	88.2	0.830	"	88.6		99.5	65.6-134.3				
Zinc	153	2.08	"	160		95.9	70-130				
Batch BB30552 - EPA 3050B											
Blank (BB30552-BLK1)									Prepared: 02/09/2023 Analyzed: 02/10/2023		
Aluminum	ND	4.17	mg/kg wet								
Antimony	ND	2.08	"								
Arsenic	ND	1.25	"								
Barium	ND	2.08	"								
Beryllium	ND	0.042	"								
Cadmium	ND	0.250	"								
Calcium	ND	4.17	"								
Chromium	ND	0.417	"								
Cobalt	ND	0.333	"								
Copper	ND	1.67	"								
Iron	ND	20.8	"								
Lead	ND	0.417	"								
Magnesium	ND	4.17	"								
Manganese	ND	0.417	"								
Nickel	ND	0.830	"								
Potassium	5.85	4.17	"								
Selenium	ND	2.08	"								
Silver	ND	0.420	"								
Sodium	ND	41.7	"								
Thallium	ND	2.08	"								
Vanadium	ND	0.830	"								
Zinc	ND	2.08	"								

Metals by ICP - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BB30552 - EPA 3050B											
Duplicate (BB30552-DUP1)	*Source sample: 23B0091-10 (Duplicate)								Prepared: 02/09/2023 Analyzed: 02/10/2023		
Aluminum	13300	5.47	mg/kg dry		12900				2.72	35	
Antimony	ND	2.73	"		ND					35	
Arsenic	4.42	1.64	"		4.74				7.06	35	
Barium	53.4	2.73	"		58.8				9.53	35	
Beryllium	0.699	0.055	"		0.742				5.99	35	
Cadmium	0.463	0.328	"		ND					35	
Calcium	1040	5.47	"		1170				11.9	35	
Chromium	15.6	0.547	"		14.5				7.30	35	
Cobalt	8.45	0.437	"		8.04				4.96	35	
Copper	13.8	2.19	"		11.9				14.5	35	
Iron	18000	27.3	"		16000				11.7	35	
Lead	18.3	0.547	"		19.5				6.34	35	
Magnesium	3150	5.47	"		2800				11.7	35	
Manganese	182	0.547	"		165				9.91	35	
Nickel	14.4	1.09	"		13.9				3.49	35	
Potassium	886	5.47	"		787				11.8	35	
Selenium	ND	2.73	"		ND					35	
Silver	ND	0.551	"		ND					35	
Sodium	271	54.7	"		289				6.52	35	
Thallium	ND	2.73	"		ND					35	
Vanadium	21.1	1.09	"		19.9				5.84	35	
Zinc	43.9	2.72	"		41.3				6.08	35	
Matrix Spike (BB30552-MS1)	*Source sample: 23B0091-10 (Matrix Spike)								Prepared: 02/09/2023 Analyzed: 02/10/2023		
Aluminum	13100	5.47	mg/kg dry	219	12900	94.0	75-125				
Antimony	11.4	2.73	"	27.3	ND	41.7	75-125	Low Bias			
Arsenic	190	1.64	"	219	4.74	84.5	75-125				
Barium	238	2.73	"	219	58.8	81.9	75-125				
Beryllium	5.51	0.055	"	5.47	0.742	87.2	75-125				
Cadmium	4.98	0.328	"	5.47	ND	91.1	75-125				
Calcium	903	5.47	"	109	1170	NR	75-125	Low Bias			
Chromium	34.6	0.547	"	21.9	14.5	92.0	75-125				
Cobalt	55.8	0.437	"	54.7	8.04	87.3	75-125				
Copper	39.0	2.19	"	27.3	11.9	99.2	75-125				
Iron	20100	27.3	"	109	16000	NR	75-125	High Bias			
Lead	64.5	0.547	"	54.7	19.5	82.3	75-125				
Magnesium	3500	5.47	"	109	2800	636	75-125	High Bias			
Manganese	256	0.547	"	54.7	165	167	75-125	High Bias			
Nickel	63.5	1.09	"	54.7	13.9	90.7	75-125				
Potassium	965	5.47	"	109	787	162	75-125	High Bias			
Selenium	144	2.73	"	219	ND	65.9	75-125	Low Bias			
Silver	2.06	0.551	"	5.47	ND	37.6	75-125	Low Bias			
Sodium	345	54.7	"	109	289	51.3	75-125	Low Bias			
Thallium	176	2.73	"	219	ND	80.6	75-125				
Vanadium	69.7	1.09	"	54.7	19.9	91.0	75-125				
Zinc	90.5	2.72	"	54.7	41.3	90.0	75-125				

Metals by ICP - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BB30552 - EPA 3050B											
Post Spike (BB30552-PS1)	*Source sample: 23B0091-10 (Post Spike)								Prepared: 02/09/2023 Analyzed: 02/10/2023		
Aluminum	124		ug/mL	2.00	118	277	75-125	High Bias			
Antimony	0.291		"	0.250	0.015	111	75-125				
Arsenic	1.99		"	2.00	0.043	97.4	75-125				
Barium	2.57		"	2.00	0.537	102	75-125				
Beryllium	0.056		"	0.0500	0.007	99.1	75-125				
Cadmium	0.051		"	0.0500	-0.0008	102	75-125				
Calcium	11.9		"	1.00	10.7	121	75-125				
Chromium	0.326		"	0.200	0.133	96.5	75-125				
Cobalt	0.577		"	0.500	0.073	101	75-125				
Copper	0.374		"	0.250	0.109	106	75-125				
Iron	152		"	1.00	147	513	75-125	High Bias			
Lead	0.679		"	0.500	0.178	100	75-125				
Magnesium	27.5		"	1.00	25.6	187	75-125	High Bias			
Manganese	2.05		"	0.500	1.51	108	75-125				
Nickel	0.624		"	0.500	0.127	99.3	75-125				
Potassium	8.16		"	1.00	7.20	96.3	75-125				
Selenium	1.59		"	2.00	-0.176	79.5	75-125				
Silver	0.011		"	0.0500	-0.017	21.6	75-125	Low Bias			
Sodium	3.63		"	1.00	2.64	99.4	75-125				
Thallium	1.84		"	2.00	-0.003	92.0	75-125				
Vanadium	0.677		"	0.500	0.182	99.1	75-125				
Zinc	0.855		"	0.500	0.378	95.5	75-125				
Reference (BB30552-SRM1)									Prepared: 02/09/2023 Analyzed: 02/10/2023		
Aluminum	7270	4.17	mg/kg wet	7970		91.2	49.7-150.6				
Antimony	77.2	2.08	"	136		56.8	20.4-249.3				
Arsenic	89.7	1.25	"	87.4		103	70-130.4				
Barium	381	2.08	"	347		110	75.2-130.3				
Beryllium	105	0.042	"	103		102	74.8-132				
Cadmium	155	0.250	"	160		96.8	75-145.6				
Calcium	4140	4.17	"	4100		101	71.7-139.3				
Chromium	230	0.417	"	231		99.4	70.1-134.2				
Cobalt	249	0.333	"	241		103	75.1-141.5				
Copper	152	1.67	"	144		105	75-126.4				
Iron	12700	20.8	"	14200		89.2	35.3-164.8				
Lead	259	0.417	"	266		97.2	74.1-125.9				
Magnesium	2200	4.17	"	2220		99.2	61.3-138.7				
Manganese	558	0.417	"	555		101	77.3-132.8				
Nickel	371	0.830	"	350		106	70-144				
Potassium	2050	4.17	"	1940		106	58.2-141.8				
Selenium	92.6	2.08	"	130		71.2	66.9-133.8				
Silver	54.7	0.420	"	57.1		95.9	70.2-129.8				
Sodium	139	41.7	"	117		119	30.5-170.1				
Thallium	71.6	2.08	"	75.4		95.0	64.3-135.3				
Vanadium	84.9	0.830	"	88.6		95.9	65.6-134.3				
Zinc	153	2.08	"	160		95.7	70-130				

Mercury by EPA 7000/200 Series Methods - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BB30210 - EPA 7473 soil											
Blank (BB30210-BLK1)								Prepared: 02/03/2023 Analyzed: 02/04/2023			
Mercury	ND	0.0300	mg/kg wet								
Duplicate (BB30210-DUP1)	*Source sample: 23B0049-20 (Duplicate)							Prepared: 02/03/2023 Analyzed: 02/04/2023			
Mercury	0.535	0.0407	mg/kg dry		0.560				4.53	35	
Matrix Spike (BB30210-MS1)	*Source sample: 23B0049-20 (Matrix Spike)							Prepared: 02/03/2023 Analyzed: 02/04/2023			
Mercury	0.840		mg/kg	0.500	0.413	85.4	75-125				
Reference (BB30210-SRM1)								Prepared: 02/03/2023 Analyzed: 02/04/2023			
Mercury	29.218		mg/kg	27.2		107	59.9-140.1				
Batch BB30374 - EPA 7473 soil											
Blank (BB30374-BLK1)								Prepared & Analyzed: 02/07/2023			
Mercury	ND	0.0300	mg/kg wet								
Duplicate (BB30374-DUP1)	*Source sample: 23B0078-02 (SB-1 (3-5 ft))							Prepared & Analyzed: 02/07/2023			
Mercury	0.366	0.0344	mg/kg dry		0.369				0.874	35	
Matrix Spike (BB30374-MS1)	*Source sample: 23B0078-02 (SB-1 (3-5 ft))							Prepared & Analyzed: 02/07/2023			
Mercury	1.06		mg/kg	0.500	0.322	147	75-125	High Bias			
Reference (BB30374-SRM1)								Prepared & Analyzed: 02/07/2023			
Mercury	25.262		mg/kg	27.2		92.9	59.9-140.1				

Miscellaneous Physical Parameters - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BB30324 - % Solids Prep											
Duplicate (BB30324-DUP1)	*Source sample: 23B0066-01 (Duplicate)								Prepared: 02/06/2023 Analyzed: 02/07/2023		
% Solids	91.7	0.100	%		91.7				0.00156	20	
Batch BB30333 - % Solids Prep											
Duplicate (BB30333-DUP1)	*Source sample: 23B0085-03 (Duplicate)								Prepared & Analyzed: 02/07/2023		
% Solids	91.5	0.100	%		91.9				0.350	20	

Volatile Analysis Sample Containers

Lab ID	Client Sample ID	Volatile Sample Container
23B0078-01	SB-1 (0-2 ft)	40mL Vial with Stir Bar-Cool 4° C
23B0078-02	SB-1 (3-5 ft)	40mL Vial with Stir Bar-Cool 4° C
23B0078-03	SB-2 (0-2 ft)	40mL Vial with Stir Bar-Cool 4° C
23B0078-04	SB-2 (5-7 ft)	40mL Vial with Stir Bar-Cool 4° C
23B0078-05	SB-3 (0-2 ft)	40mL Vial with Stir Bar-Cool 4° C
23B0078-06	SB-3 (4-6 ft)	40mL Vial with Stir Bar-Cool 4° C
23B0078-07	SB-4 (0-2 ft)	40mL Vial with Stir Bar-Cool 4° C
23B0078-08	SB-4 (5-7 ft)	40mL Vial with Stir Bar-Cool 4° C
23B0078-09	SB-5 (0-2 ft)	40mL Vial with Stir Bar-Cool 4° C
23B0078-10	SB-5 (4-6 ft)	40mL Vial with Stir Bar-Cool 4° C
23B0078-11	SB-6 (0-2 ft)	40mL Vial with Stir Bar-Cool 4° C
23B0078-12	SB-6 (5-7 ft)	40mL Vial with Stir Bar-Cool 4° C
23B0078-13	SB-7 (0-2 ft)	40mL Vial with Stir Bar-Cool 4° C
23B0078-14	SB-7 (3-5 ft)	40mL Vial with Stir Bar-Cool 4° C
23B0078-15	SB-8 (0-2 ft)	40mL Vial with Stir Bar-Cool 4° C
23B0078-16	SB-8 (3-5 ft)	40mL Vial with Stir Bar-Cool 4° C

Sample and Data Qualifiers Relating to This Work Order

S-GC	Two surrogates are used for this analysis. One surrogate recovered within control limits therefore the analysis is acceptable.
QM-05	The spike recovery was outside acceptance limits for the MS and/or MSD due to matrix interference. The LCS and/or LCSD were within acceptance limits showing that the laboratory is in control and the data are acceptable.
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.
P	This qualifier indicates the compound detected exhibited greater than 40% between the quantitation and confirmatory columns.
M-CCV1	The recovery for this element in the Continuing Calibration Verification (CCV) exceeded 110% of the expected value. Positive detections may be biased high.
M-BLK	The target analyte was detected above the RL in the batch method blank. All samples showed >10x the concentration in the blank for this analyte. Data are reported.
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.
ICVE	The value reported is ESTIMATED. The value is estimated due to its behavior during initial calibration verification (recovery exceeded 30% of expected value).
CCVE	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).
CAL-E	The value reported is ESTIMATED. The value is estimated due to its behavior during initial calibration (average Rf>20%)
B	Analyte is found in the associated analysis batch blank. For volatiles, methylene chloride and acetone are common lab contaminants.

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.

Field Chain-of-Custody Record

YORK ANALYTICAL LABORATORIES INC

York Analytical Laboratories, Inc. (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. 23B0078

120 Research Drive Stratford, CT 06615 | 132-02 89th Ave Queens, NY 11418 | clientservices@yorklab.com | www.yorklab.com | 800-306-YORK | 800-306-9675

YOUR Information	Report To:	Invoice To:	YOUR Project Number	Turn-Around Time
Company: Preferred Env	Company:	Company:		RUSH - Next Day
Address: 323 Merrick Ave N. Merrick NY	Address: (Same)	Address: (Same)		RUSH - Two Day
Phone.: 516-546-1100	Phone.:	Phone.:	YOUR Project Name: B62nd St	RUSH - Three Day
Contact: Victoria Whelan	Contact:	Contact:		RUSH - Four Day
E-mail: VWhelan@Preferredenv.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.

Ryan Crowley

Samples Collected by: (print AND sign your name)

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

Samples From
New York
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:

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

Sample Identification	Sample Matrix	Date/Time Sampled	Analysis Requested	Container Description
SB-1 (0-2ft)	S	2/1/23 938	TCL VOCs 8260 TCL SVOC 8270 Target 25	
SB-1 (3-5ft)	S	2/1/23 942	TAL Metals 6010/7471	
SB-2 (0-2ft)	S	2/1/23 1011	PCBs by 8082	
SB-2 (5-7ft)	S	2/1/23 1015	RST 8081A	
SB-3 (0-2ft)	S	2/1/23 1041		
SB-3 (4-6ft)	S	2/1/23 1046		
SB-4 (0-2ft)	S	2/1/23 1203		
SB-4 (5-7ft)	S	2/1/23 1208		
SB-5 (0-2ft)	S	2/1/23 1224		
SB-5 (4-6)	S	2/1/23 1234		

Comments:

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

Special Instruction
Field Filtered
Lab to Filter

Samples iced/chilled at time of lab pickup? circle Yes or No

Samples Relinquished by / Company	Date/Time	Samples Received by / Company	Date/Time	Samples Relinquished by / Company	Date/Time
Ryan Crowley	2/2/23 0915	Neal N York Labs	2/2/23 0915	Neal N York Labs	2/2/23 17:05
Victor D. York	2/2/23 17:05	Victor D. York	2/2/23 1935		
Samples Relinquished by / Company	Date/Time	4. Samples Received by / Company	Date/Time	Samples Received in LAB by	Date/Time / Temperature
				KBlen	2/2/23 1935 / 3.8 Degrees C

Field Chain-of-Custody Record

YORK ANALYTICAL LABORATORIES INC

York Analytical Laboratories, Inc. (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.

120 Research Drive Stratford, CT 06615 | 132-02 89th Ave Queens, NY 11418 | clientservices@yorklab.com | www.yorklab.com | 800-306-YORK | 800-306-9675

YORK Project No. 23B0078

YOUR Information	Report To:	Invoice To:	YOUR Project Number	Turn-Around Time
Company: Preferred Env	Company:	Company:		RUSH - Next Day
Address: 323 Merrick Ave Merrick NY	Address: (same)	Address: (same)		RUSH - Two Day
Phone.: 516-546-1100	Phone.:	Phone.:	YOUR Project Name: BCO 2nd St	RUSH - Three Day
Contact: Victoria Whelan	Contact:	Contact:		RUSH - Four Day
E-mail: Vwhelan@preferredenv.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 AND sign your name) Ryan Crawley

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

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

Sample Identification	Sample Matrix	Date/Time Sampled	Analysis Requested	Container Description
SB-6 (0-2ft)	S	2/1/23 1:19	TCL VOCs + SVOCs 8260/8270 Terra+2(8oz)	
SB-6 (5-7ft)	S	2/1/23 1:24	TAL Metals 6010/7471	
SB-7 (0-2ft)	S	2/1/23 1:40	PCBs 8082	
SB-7 (3-5ft)	S	2/1/23 1:50	Pest 8081A	
SB-8 (0-2ft)	S	2/1/23 2:28		
SB-8 (3-5ft)	S	2/1/23 2:35		

Comments:

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

Special Instruction: Field Filtered; Lab to Filter

Samples iced/chilled at time of lab pickup? circle (Yes) or No

Samples Relinquished by / Company	Date/Time	Samples Received by / Company	Date/Time
Ryan Crawley	2/2/23 0915	1. Mail N York Labs	2/2/23 0915
2. Mail N York Labs	2/2/23 17:05	3. Victor D. York	2/2/23 1935
4. Samples Received in LAB by: KBlen	2/2/23 1935	Temperature: 3.8 Degrees C	

Technical Report

prepared for:

Preferred Env. Services
323 Merrick Ave
North Merrick NY, 11566
Attention: Victoria Whelan

Report Date: 02/14/2023
Client Project ID: B 62nd St
York Project (SDG) No.: 23B0232

Report Date: 02/14/2023
Client Project ID: B 62nd St
York Project (SDG) No.: 23B0232

Preferred Env. Services
323 Merrick Ave
North Merrick NY, 11566
Attention: Victoria Whelan

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 February 03, 2023 and listed below. The project was identified as your project: **B 62nd St**.

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
23B0232-01	GW-1	Water	02/02/2023	02/03/2023
23B0232-02	GW-2	Water	02/02/2023	02/03/2023
23B0232-03	GW-3	Water	02/02/2023	02/03/2023

General Notes for York Project (SDG) No.: 23B0232

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:** 02/14/2023

Cassie L. Mosher
Laboratory Manager

Sample Information

Client Sample ID: GW-1 **York Sample ID:** 23B0232-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23B0232	B 62nd St	Water	February 2, 2023 8:46 am	02/03/2023

VOA, 8260 LOW MASTER

Log-in Notes:

Sample Notes:

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	0.216	0.500	1	EPA 8260C Certifications:	02/13/2023 12:30	02/14/2023 01:03	PD CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
71-55-6	1,1,1-Trichloroethane	ND		ug/L	0.266	0.500	1	EPA 8260C Certifications:	02/13/2023 12:30	02/14/2023 01:03	PD CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.256	0.500	1	EPA 8260C Certifications:	02/13/2023 12:30	02/14/2023 01:03	PD CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/L	0.286	0.500	1	EPA 8260C Certifications:	02/13/2023 12:30	02/14/2023 01:03	PD CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.249	0.500	1	EPA 8260C Certifications:	02/13/2023 12:30	02/14/2023 01:03	PD CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
75-34-3	1,1-Dichloroethane	ND		ug/L	0.272	0.500	1	EPA 8260C Certifications:	02/13/2023 12:30	02/14/2023 01:03	PD CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.327	0.500	1	EPA 8260C Certifications:	02/13/2023 12:30	02/14/2023 01:03	PD CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	0.222	0.500	1	EPA 8260C Certifications:	02/13/2023 12:30	02/14/2023 01:03	PD NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
96-18-4	1,2,3-Trichloropropane	ND		ug/L	0.273	0.500	1	EPA 8260C Certifications:	02/13/2023 12:30	02/14/2023 01:03	PD NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.138	0.500	1	EPA 8260C Certifications:	02/13/2023 12:30	02/14/2023 01:03	PD NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	0.310	0.500	1	EPA 8260C Certifications:	02/13/2023 12:30	02/14/2023 01:03	PD CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.432	0.500	1	EPA 8260C Certifications:	02/13/2023 12:30	02/14/2023 01:03	PD CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
106-93-4	1,2-Dibromoethane	ND		ug/L	0.215	0.500	1	EPA 8260C Certifications:	02/13/2023 12:30	02/14/2023 01:03	PD CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.270	0.500	1	EPA 8260C Certifications:	02/13/2023 12:30	02/14/2023 01:03	PD CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
107-06-2	1,2-Dichloroethane	ND		ug/L	0.377	0.500	1	EPA 8260C Certifications:	02/13/2023 12:30	02/14/2023 01:03	PD CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
78-87-5	1,2-Dichloropropane	ND		ug/L	0.327	0.500	1	EPA 8260C Certifications:	02/13/2023 12:30	02/14/2023 01:03	PD CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	0.347	0.500	1	EPA 8260C Certifications:	02/13/2023 12:30	02/14/2023 01:03	PD CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.283	0.500	1	EPA 8260C Certifications:	02/13/2023 12:30	02/14/2023 01:03	PD CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
142-28-9	1,3-Dichloropropane	ND		ug/L	0.260	0.500	1	EPA 8260C Certifications:	02/13/2023 12:30	02/14/2023 01:03	PD NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.311	0.500	1	EPA 8260C Certifications:	02/13/2023 12:30	02/14/2023 01:03	PD CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
123-91-1	1,4-Dioxane	ND		ug/L	35.3	80.0	1	EPA 8260C Certifications:	02/13/2023 12:30	02/14/2023 01:03	PD NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
78-93-3	2-Butanone	ND		ug/L	0.421	0.500	1	EPA 8260C Certifications:	02/13/2023 12:30	02/14/2023 01:03	PD CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI

Sample Information

Client Sample ID: GW-1 **York Sample ID:** 23B0232-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23B0232	B 62nd St	Water	February 2, 2023 8:46 am	02/03/2023

VOA, 8260 LOW MASTER

Log-in Notes:

Sample Notes:

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	0.320	0.500	1	EPA 8260C Certifications:	02/13/2023 12:30	02/14/2023 01:03	PD CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
108-10-1	4-Methyl-2-pentanone	ND		ug/L	0.365	0.500	1	EPA 8260C Certifications:	02/13/2023 12:30	02/14/2023 01:03	PD CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
67-64-1	Acetone	ND		ug/L	1.34	2.00	1	EPA 8260C Certifications:	02/13/2023 12:30	02/14/2023 01:03	PD CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
107-02-8	Acrolein	ND		ug/L	0.447	0.500	1	EPA 8260C Certifications:	02/13/2023 12:30	02/14/2023 01:03	PD CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
107-13-1	Acrylonitrile	ND		ug/L	0.422	0.500	1	EPA 8260C Certifications:	02/13/2023 12:30	02/14/2023 01:03	PD CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
71-43-2	Benzene	ND		ug/L	0.279	0.500	1	EPA 8260C Certifications:	02/13/2023 12:30	02/14/2023 01:03	PD CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
74-97-5	Bromochloromethane	ND		ug/L	0.354	0.500	1	EPA 8260C Certifications:	02/13/2023 12:30	02/14/2023 01:03	PD NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
75-27-4	Bromodichloromethane	ND		ug/L	0.245	0.500	1	EPA 8260C Certifications:	02/13/2023 12:30	02/14/2023 01:03	PD CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
75-25-2	Bromoform	ND		ug/L	0.163	0.500	1	EPA 8260C Certifications:	02/13/2023 12:30	02/14/2023 01:03	PD CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
74-83-9	Bromomethane	ND		ug/L	0.119	0.500	1	EPA 8260C Certifications:	02/13/2023 12:30	02/14/2023 01:03	PD CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
75-15-0	Carbon disulfide	ND		ug/L	0.362	0.500	1	EPA 8260C Certifications:	02/13/2023 12:30	02/14/2023 01:03	PD CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
56-23-5	Carbon tetrachloride	ND		ug/L	0.204	0.500	1	EPA 8260C Certifications:	02/13/2023 12:30	02/14/2023 01:03	PD CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
108-90-7	Chlorobenzene	ND		ug/L	0.284	0.500	1	EPA 8260C Certifications:	02/13/2023 12:30	02/14/2023 01:03	PD CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
75-00-3	Chloroethane	ND		ug/L	0.448	0.500	1	EPA 8260C Certifications:	02/13/2023 12:30	02/14/2023 01:03	PD CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
67-66-3	Chloroform	ND		ug/L	0.243	0.500	1	EPA 8260C Certifications:	02/13/2023 12:30	02/14/2023 01:03	PD CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
74-87-3	Chloromethane	ND		ug/L	0.372	0.500	1	EPA 8260C Certifications:	02/13/2023 12:30	02/14/2023 01:03	PD CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
156-59-2	cis-1,2-Dichloroethylene	ND		ug/L	0.294	0.500	1	EPA 8260C Certifications:	02/13/2023 12:30	02/14/2023 01:03	PD CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.262	0.500	1	EPA 8260C Certifications:	02/13/2023 12:30	02/14/2023 01:03	PD CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
110-82-7	Cyclohexane	ND		ug/L	0.491	0.500	1	EPA 8260C Certifications:	02/13/2023 12:30	02/14/2023 01:03	PD NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
124-48-1	Dibromochloromethane	ND		ug/L	0.146	0.500	1	EPA 8260C Certifications:	02/13/2023 12:30	02/14/2023 01:03	PD CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
74-95-3	Dibromomethane	ND		ug/L	0.203	0.500	1	EPA 8260C Certifications:	02/13/2023 12:30	02/14/2023 01:03	PD NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.451	0.500	1	EPA 8260C Certifications:	02/13/2023 12:30	02/14/2023 01:03	PD NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
100-41-4	Ethyl Benzene	ND		ug/L	0.290	0.500	1	EPA 8260C Certifications:	02/13/2023 12:30	02/14/2023 01:03	PD CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI

Sample Information

Client Sample ID: GW-1 **York Sample ID:** 23B0232-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23B0232	B 62nd St	Water	February 2, 2023 8:46 am	02/03/2023

VOA, 8260 LOW MASTER

Log-in Notes:

Sample Notes:

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
87-68-3	Hexachlorobutadiene	ND		ug/L	0.241	0.500	1	EPA 8260C Certifications:	02/13/2023 12:30 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	02/14/2023 01:03	PD
98-82-8	Isopropylbenzene	ND		ug/L	0.405	0.500	1	EPA 8260C Certifications:	02/13/2023 12:30 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	02/14/2023 01:03	PD
79-20-9	Methyl acetate	ND		ug/L	0.442	0.500	1	EPA 8260C Certifications:	02/13/2023 12:30 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	02/14/2023 01:03	PD
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.244	0.500	1	EPA 8260C Certifications:	02/13/2023 12:30 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	02/14/2023 01:03	PD
108-87-2	Methylcyclohexane	ND		ug/L	0.477	0.500	1	EPA 8260C Certifications:	02/13/2023 12:30 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	02/14/2023 01:03	PD
75-09-2	Methylene chloride	ND		ug/L	0.397	2.00	1	EPA 8260C Certifications:	02/13/2023 12:30 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	02/14/2023 01:03	PD
91-20-3	Naphthalene	ND		ug/L	0.212	2.00	1	EPA 8260C Certifications:	02/13/2023 12:30 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	02/14/2023 01:03	PD
104-51-8	n-Butylbenzene	ND		ug/L	0.399	0.500	1	EPA 8260C Certifications:	02/13/2023 12:30 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	02/14/2023 01:03	PD
103-65-1	n-Propylbenzene	ND		ug/L	0.384	0.500	1	EPA 8260C Certifications:	02/13/2023 12:30 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	02/14/2023 01:03	PD
95-47-6	o-Xylene	ND		ug/L	0.261	0.500	1	EPA 8260C Certifications:	02/13/2023 12:30 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP	02/14/2023 01:03	PD
179601-23-1	p- & m- Xylenes	ND		ug/L	0.578	1.00	1	EPA 8260C Certifications:	02/13/2023 12:30 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP	02/14/2023 01:03	PD
105-05-5	* p-Diethylbenzene	ND		ug/L	0.341	0.500	1	EPA 8260C Certifications:	02/13/2023 12:30	02/14/2023 01:03	PD
622-96-8	* p-Ethyltoluene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	02/13/2023 12:30	02/14/2023 01:03	PD
99-87-6	p-Isopropyltoluene	ND		ug/L	0.377	0.500	1	EPA 8260C Certifications:	02/13/2023 12:30 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	02/14/2023 01:03	PD
135-98-8	sec-Butylbenzene	ND		ug/L	0.444	0.500	1	EPA 8260C Certifications:	02/13/2023 12:30 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	02/14/2023 01:03	PD
100-42-5	Styrene	ND		ug/L	0.255	0.500	1	EPA 8260C Certifications:	02/13/2023 12:30 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	02/14/2023 01:03	PD
75-65-0	tert-Butyl alcohol (TBA)	ND		ug/L	0.608	1.00	1	EPA 8260C Certifications:	02/13/2023 12:30 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	02/14/2023 01:03	PD
98-06-6	tert-Butylbenzene	ND		ug/L	0.367	0.500	1	EPA 8260C Certifications:	02/13/2023 12:30 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	02/14/2023 01:03	PD
127-18-4	Tetrachloroethylene	ND		ug/L	0.239	0.500	1	EPA 8260C Certifications:	02/13/2023 12:30 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	02/14/2023 01:03	PD
108-88-3	Toluene	ND		ug/L	0.346	0.500	1	EPA 8260C Certifications:	02/13/2023 12:30 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	02/14/2023 01:03	PD
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.279	0.500	1	EPA 8260C Certifications:	02/13/2023 12:30 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	02/14/2023 01:03	PD
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.229	0.500	1	EPA 8260C Certifications:	02/13/2023 12:30 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	02/14/2023 01:03	PD
79-01-6	Trichloroethylene	ND		ug/L	0.249	0.500	1	EPA 8260C Certifications:	02/13/2023 12:30 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	02/14/2023 01:03	PD

Sample Information

Client Sample ID: GW-1 **York Sample ID:** 23B0232-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23B0232	B 62nd St	Water	February 2, 2023 8:46 am	02/03/2023

VOA, 8260 LOW MASTER

Log-in Notes:

Sample Notes:

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	0.337	0.500	1	EPA 8260C Certifications:	02/13/2023 12:30	02/14/2023 01:03 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	PD
75-01-4	Vinyl Chloride	ND		ug/L	0.469	0.500	1	EPA 8260C Certifications:	02/13/2023 12:30	02/14/2023 01:03 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	PD
1330-20-7	Xylenes, Total	ND		ug/L	0.836	1.50	1	EPA 8260C Certifications:	02/13/2023 12:30	02/14/2023 01:03 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP	PD

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: SURR: 1,2-Dichloroethane-d4*	*97.1 %*	*69-130*
2037-26-5	*Surrogate: SURR: Toluene-d8*	*100 %*	*81-117*
460-00-4	*Surrogate: SURR: p-Bromofluorobenzene*	*103 %*	*79-122*

SVOA, 8270 LOW MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
92-52-4	1,1-Biphenyl	ND		ug/L	2.63	5.26	1	EPA 8270D Certifications:	02/07/2023 08:32	02/08/2023 18:12 NELAC-NY10854,NJDEP,PADEP	KH
95-94-3	1,2,4,5-Tetrachlorobenzene	ND		ug/L	2.63	5.26	1	EPA 8270D Certifications:	02/07/2023 08:32	02/08/2023 18:12 NELAC-NY10854,NJDEP,PADEP	KH
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	2.63	5.26	1	EPA 8270D Certifications:	02/07/2023 08:32	02/08/2023 18:12 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	KH
95-50-1	1,2-Dichlorobenzene	ND		ug/L	2.63	5.26	1	EPA 8270D Certifications:	02/07/2023 08:32	02/08/2023 18:12 NELAC-NY10854,PADEP	KH
122-66-7	1,2-Diphenylhydrazine (as Azobenzene)	ND		ug/L	2.63	5.26	1	EPA 8270D Certifications:	02/07/2023 08:32	02/08/2023 18:12 NELAC-NY10854,NJDEP,PADEP	KH
541-73-1	1,3-Dichlorobenzene	ND		ug/L	2.63	5.26	1	EPA 8270D Certifications:	02/07/2023 08:32	02/08/2023 18:12 NELAC-NY10854,PADEP	KH
106-46-7	1,4-Dichlorobenzene	ND		ug/L	2.63	5.26	1	EPA 8270D Certifications:	02/07/2023 08:32	02/08/2023 18:12 NELAC-NY10854,PADEP	KH
58-90-2	2,3,4,6-Tetrachlorophenol	ND		ug/L	2.63	5.26	1	EPA 8270D Certifications:	02/07/2023 08:32	02/08/2023 18:12 NELAC-NY10854,NJDEP,PADEP	KH
95-95-4	2,4,5-Trichlorophenol	ND		ug/L	2.63	5.26	1	EPA 8270D Certifications:	02/07/2023 08:32	02/08/2023 18:12 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	KH
88-06-2	2,4,6-Trichlorophenol	ND		ug/L	2.63	5.26	1	EPA 8270D Certifications:	02/07/2023 08:32	02/08/2023 18:12 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	KH
120-83-2	2,4-Dichlorophenol	ND		ug/L	2.63	5.26	1	EPA 8270D Certifications:	02/07/2023 08:32	02/08/2023 18:12 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	KH
105-67-9	2,4-Dimethylphenol	ND		ug/L	2.63	5.26	1	EPA 8270D Certifications:	02/07/2023 08:32	02/08/2023 18:12 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	KH
51-28-5	2,4-Dinitrophenol	ND	CAL-E	ug/L	2.63	5.26	1	EPA 8270D Certifications:	02/07/2023 08:32	02/08/2023 18:12 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	KH
121-14-2	2,4-Dinitrotoluene	ND		ug/L	2.63	5.26	1	EPA 8270D Certifications:	02/07/2023 08:32	02/08/2023 18:12 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	KH

Sample Information

Client Sample ID: GW-1 **York Sample ID:** 23B0232-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23B0232	B 62nd St	Water	February 2, 2023 8:46 am	02/03/2023

SVOA, 8270 LOW MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
606-20-2	2,6-Dinitrotoluene	ND		ug/L	2.63	5.26	1	EPA 8270D Certifications:	02/07/2023 08:32 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	02/08/2023 18:12	KH
91-58-7	2-Chloronaphthalene	ND		ug/L	2.63	5.26	1	EPA 8270D Certifications:	02/07/2023 08:32 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	02/08/2023 18:12	KH
95-57-8	2-Chlorophenol	ND		ug/L	2.63	5.26	1	EPA 8270D Certifications:	02/07/2023 08:32 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	02/08/2023 18:12	KH
91-57-6	2-Methylnaphthalene	ND		ug/L	2.63	5.26	1	EPA 8270D Certifications:	02/07/2023 08:32 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	02/08/2023 18:12	KH
95-48-7	2-Methylphenol	ND		ug/L	2.63	5.26	1	EPA 8270D Certifications:	02/07/2023 08:32 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	02/08/2023 18:12	KH
88-74-4	2-Nitroaniline	ND		ug/L	2.63	5.26	1	EPA 8270D Certifications:	02/07/2023 08:32 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	02/08/2023 18:12	KH
88-75-5	2-Nitrophenol	ND		ug/L	2.63	5.26	1	EPA 8270D Certifications:	02/07/2023 08:32 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	02/08/2023 18:12	KH
65794-96-9	3- & 4-Methylphenols	ND		ug/L	2.63	5.26	1	EPA 8270D Certifications:	02/07/2023 08:32 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	02/08/2023 18:12	KH
91-94-1	3,3-Dichlorobenzidine	ND		ug/L	2.63	5.26	1	EPA 8270D Certifications:	02/07/2023 08:32 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	02/08/2023 18:12	KH
99-09-2	3-Nitroaniline	ND		ug/L	2.63	5.26	1	EPA 8270D Certifications:	02/07/2023 08:32 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	02/08/2023 18:12	KH
534-52-1	4,6-Dinitro-2-methylphenol	ND	CAL-E	ug/L	2.63	5.26	1	EPA 8270D Certifications:	02/07/2023 08:32 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	02/08/2023 18:12	KH
101-55-3	4-Bromophenyl phenyl ether	ND		ug/L	2.63	5.26	1	EPA 8270D Certifications:	02/07/2023 08:32 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	02/08/2023 18:12	KH
59-50-7	4-Chloro-3-methylphenol	ND		ug/L	2.63	5.26	1	EPA 8270D Certifications:	02/07/2023 08:32 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	02/08/2023 18:12	KH
106-47-8	4-Chloroaniline	ND		ug/L	2.63	5.26	1	EPA 8270D Certifications:	02/07/2023 08:32 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	02/08/2023 18:12	KH
7005-72-3	4-Chlorophenyl phenyl ether	ND		ug/L	2.63	5.26	1	EPA 8270D Certifications:	02/07/2023 08:32 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	02/08/2023 18:12	KH
100-01-6	4-Nitroaniline	ND		ug/L	2.63	5.26	1	EPA 8270D Certifications:	02/07/2023 08:32 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	02/08/2023 18:12	KH
100-02-7	4-Nitrophenol	ND		ug/L	5.26	5.26	1	EPA 8270D Certifications:	02/07/2023 08:32 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	02/08/2023 18:12	KH
98-86-2	Acetophenone	ND		ug/L	2.63	5.26	1	EPA 8270D Certifications:	02/07/2023 08:32 NELAC-NY10854,NJDEP,PADEP	02/08/2023 18:12	KH
98-55-5	* Alpha Terpineol	ND		ug/L	5.26	10.5	1	EPA 8270D Certifications:	02/07/2023 08:32 PADEP	02/08/2023 18:12	KH
62-53-3	Aniline	ND		ug/L	2.63	5.26	1	EPA 8270D Certifications:	02/07/2023 08:32 NELAC-NY10854,NJDEP,PADEP	02/08/2023 18:12	KH
100-52-7	Benzaldehyde	ND		ug/L	2.63	5.26	1	EPA 8270D Certifications:	02/07/2023 08:32 NELAC-NY10854,NJDEP,PADEP	02/08/2023 18:12	KH
92-87-5	Benzidine	ND		ug/L	5.26	5.26	1	EPA 8270D Certifications:	02/07/2023 08:32 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	02/08/2023 18:12	KH
65-85-0	Benzoic acid	ND		ug/L	2.63	5.26	1	EPA 8270D Certifications:	02/07/2023 08:32 NELAC-NY10854,NJDEP,PADEP	02/08/2023 18:12	KH

Sample Information

Client Sample ID: GW-1 **York Sample ID:** 23B0232-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23B0232	B 62nd St	Water	February 2, 2023 8:46 am	02/03/2023

SVOA, 8270 LOW MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
100-51-6	Benzyl alcohol	ND		ug/L	2.63	5.26	1	EPA 8270D Certifications:	02/07/2023 08:32 NELAC-NY10854,NJDEP,PADEP	02/08/2023 18:12	KH
85-68-7	Benzyl butyl phthalate	ND		ug/L	2.63	5.26	1	EPA 8270D Certifications:	02/07/2023 08:32 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	02/08/2023 18:12	KH
111-91-1	Bis(2-chloroethoxy)methane	ND		ug/L	2.63	5.26	1	EPA 8270D Certifications:	02/07/2023 08:32 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	02/08/2023 18:12	KH
111-44-4	Bis(2-chloroethyl)ether	ND		ug/L	1.05	5.26	1	EPA 8270D Certifications:	02/07/2023 08:32 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	02/08/2023 18:12	KH
108-60-1	Bis(2-chloroisopropyl)ether	ND		ug/L	2.63	5.26	1	EPA 8270D Certifications:	02/07/2023 08:32 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	02/08/2023 18:12	KH
105-60-2	Caprolactam	ND		ug/L	2.63	5.26	1	EPA 8270D Certifications:	02/07/2023 08:32 NELAC-NY10854,NJDEP,PADEP	02/08/2023 18:12	KH
86-74-8	Carbazole	ND		ug/L	2.63	5.26	1	EPA 8270D Certifications:	02/07/2023 08:32 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	02/08/2023 18:12	KH
132-64-9	Dibenzofuran	ND		ug/L	2.63	5.26	1	EPA 8270D Certifications:	02/07/2023 08:32 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	02/08/2023 18:12	KH
84-66-2	Diethyl phthalate	ND		ug/L	2.63	5.26	1	EPA 8270D Certifications:	02/07/2023 08:32 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	02/08/2023 18:12	KH
131-11-3	Dimethyl phthalate	ND		ug/L	2.63	5.26	1	EPA 8270D Certifications:	02/07/2023 08:32 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	02/08/2023 18:12	KH
84-74-2	Di-n-butyl phthalate	ND		ug/L	2.63	5.26	1	EPA 8270D Certifications:	02/07/2023 08:32 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	02/08/2023 18:12	KH
117-84-0	Di-n-octyl phthalate	ND		ug/L	2.63	5.26	1	EPA 8270D Certifications:	02/07/2023 08:32 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	02/08/2023 18:12	KH
77-47-4	Hexachlorocyclopentadiene	ND	CCVE	ug/L	5.26	10.5	1	EPA 8270D Certifications:	02/07/2023 08:32 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	02/08/2023 18:12	KH
78-59-1	Isophorone	ND		ug/L	2.63	5.26	1	EPA 8270D Certifications:	02/07/2023 08:32 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	02/08/2023 18:12	KH
621-64-7	N-nitroso-di-n-propylamine	ND		ug/L	2.63	5.26	1	EPA 8270D Certifications:	02/07/2023 08:32 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	02/08/2023 18:12	KH
86-30-6	N-Nitrosodiphenylamine	ND		ug/L	2.63	5.26	1	EPA 8270D Certifications:	02/07/2023 08:32 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	02/08/2023 18:12	KH
108-95-2	Phenol	ND		ug/L	2.63	5.26	1	EPA 8270D Certifications:	02/07/2023 08:32 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	02/08/2023 18:12	KH

	Surrogate Recoveries	Result	Acceptance Range
367-12-4	*Surrogate: SURR: 2-Fluorophenol*	*32.8 %*	*15-110*
13127-88-3	*Surrogate: SURR: Phenol-d6*	*19.4 %*	*15-110*
4165-60-0	*Surrogate: SURR: Nitrobenzene-d5*	*79.8 %*	*30-130*
321-60-8	*Surrogate: SURR: 2-Fluorobiphenyl*	*67.3 %*	*30-130*
118-79-6	*Surrogate: SURR: 2,4,6-Tribromophenol*	*68.1 %*	*15-110*
1718-51-0	*Surrogate: SURR: Terphenyl-d14*	*71.3 %*	*30-130*

SVOA, 8270 SIM MASTER

Log-in Notes:

Sample Notes:

Sample Information

Client Sample ID: GW-1 **York Sample ID:** 23B0232-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23B0232	B 62nd St	Water	February 2, 2023 8:46 am	02/03/2023

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
83-32-9	Acenaphthene	ND	CAL-E	ug/L	0.0526	1	EPA 8270D SIM Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	02/07/2023 08:32	02/08/2023 21:32	KH
208-96-8	Acenaphthylene	ND	CAL-E	ug/L	0.0526	1	EPA 8270D SIM Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	02/07/2023 08:32	02/08/2023 21:32	KH
120-12-7	Anthracene	ND	CAL-E	ug/L	0.0526	1	EPA 8270D SIM Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	02/07/2023 08:32	02/08/2023 21:32	KH
1912-24-9	Atrazine	ND		ug/L	0.526	1	EPA 8270D SIM Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP	02/07/2023 08:32	02/08/2023 21:32	KH
56-55-3	Benzo(a)anthracene	ND	CAL-E	ug/L	0.0526	1	EPA 8270D SIM Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	02/07/2023 08:32	02/08/2023 21:32	KH
50-32-8	Benzo(a)pyrene	ND	CAL-E	ug/L	0.0526	1	EPA 8270D SIM Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	02/07/2023 08:32	02/08/2023 21:32	KH
205-99-2	Benzo(b)fluoranthene	ND	CAL-E	ug/L	0.0526	1	EPA 8270D SIM Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	02/07/2023 08:32	02/08/2023 21:32	KH
191-24-2	Benzo(g,h,i)perylene	ND	CAL-E	ug/L	0.0526	1	EPA 8270D SIM Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	02/07/2023 08:32	02/08/2023 21:32	KH
207-08-9	Benzo(k)fluoranthene	ND	CAL-E	ug/L	0.0526	1	EPA 8270D SIM Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	02/07/2023 08:32	02/08/2023 21:32	KH
117-81-7	**Bis(2-ethylhexyl)phthalate**	**0.579**		ug/L	0.526	1	EPA 8270D SIM Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP	02/07/2023 08:32	02/08/2023 21:32	KH
218-01-9	Chrysene	ND	CAL-E	ug/L	0.0526	1	EPA 8270D SIM Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	02/07/2023 08:32	02/08/2023 21:32	KH
53-70-3	Dibenzo(a,h)anthracene	ND		ug/L	0.0526	1	EPA 8270D SIM Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	02/07/2023 08:32	02/08/2023 21:32	KH
206-44-0	Fluoranthene	ND	CAL-E	ug/L	0.0526	1	EPA 8270D SIM Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	02/07/2023 08:32	02/08/2023 21:32	KH
86-73-7	Fluorene	ND	CAL-E	ug/L	0.0526	1	EPA 8270D SIM Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	02/07/2023 08:32	02/08/2023 21:32	KH
118-74-1	Hexachlorobenzene	ND		ug/L	0.0211	1	EPA 8270D SIM Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP	02/07/2023 08:32	02/08/2023 21:32	KH
87-68-3	Hexachlorobutadiene	ND		ug/L	0.526	1	EPA 8270D SIM Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP	02/07/2023 08:32	02/08/2023 21:32	KH
67-72-1	Hexachloroethane	ND		ug/L	0.526	1	EPA 8270D SIM Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP	02/07/2023 08:32	02/08/2023 21:32	KH
193-39-5	Indeno(1,2,3-cd)pyrene	ND		ug/L	0.0526	1	EPA 8270D SIM Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	02/07/2023 08:32	02/08/2023 21:32	KH
91-20-3	Naphthalene	ND	CAL-E	ug/L	0.0526	1	EPA 8270D SIM Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	02/07/2023 08:32	02/08/2023 21:32	KH
98-95-3	Nitrobenzene	ND		ug/L	0.263	1	EPA 8270D SIM Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP	02/07/2023 08:32	02/08/2023 21:32	KH
62-75-9	N-Nitrosodimethylamine	ND	QL-02	ug/L	0.526	1	EPA 8270D SIM Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP	02/07/2023 08:32	02/08/2023 21:32	KH
87-86-5	Pentachlorophenol	ND	CCVE	ug/L	0.263	1	EPA 8270D SIM Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP	02/07/2023 08:32	02/08/2023 21:32	KH
85-01-8	Phenanthrene	ND	CAL-E	ug/L	0.0526	1	EPA 8270D SIM Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	02/07/2023 08:32	02/08/2023 21:32	KH
129-00-0	Pyrene	ND	CAL-E	ug/L	0.0526	1	EPA 8270D SIM Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	02/07/2023 08:32	02/08/2023 21:32	KH

Sample Information

Client Sample ID: GW-1 **York Sample ID:** 23B0232-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23B0232	B 62nd St	Water	February 2, 2023 8:46 am	02/03/2023

PEST, 8081 MASTER **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA SW846-3510C Low Level

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
72-54-8	4,4'-DDD	ND		ug/L	0.00410	1	EPA 8081B Certifications:	02/06/2023 08:24 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	02/09/2023 12:02	BJ
72-55-9	4,4'-DDE	ND		ug/L	0.00410	1	EPA 8081B Certifications:	02/06/2023 08:24 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	02/09/2023 12:02	BJ
50-29-3	4,4'-DDT	ND		ug/L	0.00410	1	EPA 8081B Certifications:	02/06/2023 08:24 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	02/09/2023 12:02	BJ
309-00-2	Aldrin	ND		ug/L	0.00410	1	EPA 8081B Certifications:	02/06/2023 08:24 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	02/09/2023 12:02	BJ
319-84-6	alpha-BHC	ND		ug/L	0.00410	1	EPA 8081B Certifications:	02/06/2023 08:24 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	02/09/2023 12:02	BJ
5103-71-9	alpha-Chlordane	ND		ug/L	0.00410	1	EPA 8081B Certifications:	02/06/2023 08:24 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	02/09/2023 12:02	BJ
319-85-7	beta-BHC	ND		ug/L	0.00410	1	EPA 8081B Certifications:	02/06/2023 08:24 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	02/09/2023 12:02	BJ
319-86-8	delta-BHC	ND		ug/L	0.00410	1	EPA 8081B Certifications:	02/06/2023 08:24 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	02/09/2023 12:02	BJ
60-57-1	Dieldrin	ND		ug/L	0.00205	1	EPA 8081B Certifications:	02/06/2023 08:24 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	02/09/2023 12:02	BJ
959-98-8	Endosulfan I	ND		ug/L	0.00410	1	EPA 8081B Certifications:	02/06/2023 08:24 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	02/09/2023 12:02	BJ
33213-65-9	Endosulfan II	ND		ug/L	0.00410	1	EPA 8081B Certifications:	02/06/2023 08:24 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	02/09/2023 12:02	BJ
1031-07-8	Endosulfan sulfate	ND		ug/L	0.00410	1	EPA 8081B Certifications:	02/06/2023 08:24 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	02/09/2023 12:02	BJ
72-20-8	Endrin	ND		ug/L	0.00410	1	EPA 8081B Certifications:	02/06/2023 08:24 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	02/09/2023 12:02	BJ
7421-93-4	Endrin aldehyde	ND		ug/L	0.0103	1	EPA 8081B Certifications:	02/06/2023 08:24 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	02/09/2023 12:02	BJ
53494-70-5	Endrin ketone	ND		ug/L	0.0103	1	EPA 8081B Certifications:	02/06/2023 08:24 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	02/09/2023 12:02	BJ
58-89-9	gamma-BHC (Lindane)	ND		ug/L	0.00410	1	EPA 8081B Certifications:	02/06/2023 08:24 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	02/09/2023 12:02	BJ
5566-34-7	gamma-Chlordane	ND		ug/L	0.0103	1	EPA 8081B Certifications:	02/06/2023 08:24 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	02/09/2023 12:02	BJ
76-44-8	Heptachlor	ND		ug/L	0.00410	1	EPA 8081B Certifications:	02/06/2023 08:24 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	02/09/2023 12:02	BJ
1024-57-3	Heptachlor epoxide	ND		ug/L	0.00410	1	EPA 8081B Certifications:	02/06/2023 08:24 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	02/09/2023 12:02	BJ
72-43-5	Methoxychlor	ND		ug/L	0.00410	1	EPA 8081B Certifications:	02/06/2023 08:24 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	02/09/2023 12:02	BJ
8001-35-2	Toxaphene	ND		ug/L	0.103	1	EPA 8081B Certifications:	02/06/2023 08:24 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	02/09/2023 12:02	BJ
12789-03-6	* Chlordane, total	ND		ug/L	0.205	1	EPA 8081B Certifications:	02/06/2023 08:24	02/09/2023 12:02	BJ

	Surrogate Recoveries	Result	Acceptance Range
2051-24-3	*Surrogate: Decachlorobiphenyl*	*42.1 %*	*30-150*

Sample Information

Client Sample ID: GW-1 **York Sample ID:** 23B0232-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23B0232	B 62nd St	Water	February 2, 2023 8:46 am	02/03/2023

PEST, 8081 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA SW846-3510C Low Level

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*79.1 %*		*30-150*						

PCB, 8082 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA SW846-3510C Low Level

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
12674-11-2	Aroclor 1016	ND		ug/L	0.0513	1	EPA 8082A Certifications:	02/06/2023 08:24 NELAC-NY10854,CTDOH-PH-0723,NJDEP,PADEP	02/07/2023 05:02	BJ
11104-28-2	Aroclor 1221	ND		ug/L	0.0513	1	EPA 8082A Certifications:	02/06/2023 08:24 NELAC-NY10854,CTDOH-PH-0723,NJDEP,PADEP	02/07/2023 05:02	BJ
11141-16-5	Aroclor 1232	ND		ug/L	0.0513	1	EPA 8082A Certifications:	02/06/2023 08:24 NELAC-NY10854,CTDOH-PH-0723,NJDEP,PADEP	02/07/2023 05:02	BJ
53469-21-9	Aroclor 1242	ND		ug/L	0.0513	1	EPA 8082A Certifications:	02/06/2023 08:24 NELAC-NY10854,CTDOH-PH-0723,NJDEP,PADEP	02/07/2023 05:02	BJ
12672-29-6	Aroclor 1248	ND		ug/L	0.0513	1	EPA 8082A Certifications:	02/06/2023 08:24 NELAC-NY10854,CTDOH-PH-0723,NJDEP,PADEP	02/07/2023 05:02	BJ
11097-69-1	Aroclor 1254	ND		ug/L	0.0513	1	EPA 8082A Certifications:	02/06/2023 08:24 NELAC-NY10854,CTDOH-PH-0723,NJDEP,PADEP	02/07/2023 05:02	BJ
11096-82-5	Aroclor 1260	ND		ug/L	0.0513	1	EPA 8082A Certifications:	02/06/2023 08:24 NELAC-NY10854,CTDOH-PH-0723,NJDEP,PADEP	02/07/2023 05:02	BJ
37324-23-5	Aroclor 1262	ND		ug/L	0.0513	1	EPA 8082A Certifications:	02/06/2023 08:24 NELAC-NY10854,NJDEP,PADEP	02/07/2023 05:02	BJ
11100-14-4	Aroclor 1268	ND		ug/L	0.0513	1	EPA 8082A Certifications:	02/06/2023 08:24 NELAC-NY10854,NJDEP,PADEP	02/07/2023 05:02	BJ
1336-36-3	* Total PCBs	ND		ug/L	0.0513	1	EPA 8082A Certifications:	02/06/2023 08:24	02/07/2023 05:02	BJ

	Surrogate Recoveries	Result	Acceptance Range
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*69.5 %*	*30-120*
2051-24-3	*Surrogate: Decachlorobiphenyl*	*56.0 %*	*30-120*

Metals, Target Analyte, ICP

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3015A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7429-90-5	**Aluminum**	**0.0976**		mg/L	0.0556	1	EPA 6010D Certifications:	02/07/2023 09:17 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	02/07/2023 20:27	CW
7440-39-3	**Barium**	**0.325**		mg/L	0.0278	1	EPA 6010D Certifications:	02/07/2023 09:17 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	02/07/2023 20:27	CW
7440-70-2	**Calcium**	**157**		mg/L	0.0556	1	EPA 6010D Certifications:	02/07/2023 09:17 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	02/07/2023 20:27	CW
7440-47-3	Chromium	ND		mg/L	0.00556	1	EPA 6010D Certifications:	02/07/2023 09:17 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	02/07/2023 20:27	CW

Sample Information

Client Sample ID: GW-1 **York Sample ID:** 23B0232-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23B0232	B 62nd St	Water	February 2, 2023 8:46 am	02/03/2023

Metals, Target Analyte, ICP

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3015A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-48-4	Cobalt	ND		mg/L	0.00444	1	EPA 6010D Certifications:	02/07/2023 09:17 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	02/07/2023 20:27	CW
7440-50-8	Copper	ND		mg/L	0.0222	1	EPA 6010D Certifications:	02/07/2023 09:17 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	02/07/2023 20:27	CW
7439-89-6	**Iron**	**9.03**		mg/L	0.278	1	EPA 6010D Certifications:	02/07/2023 09:17 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	02/07/2023 20:27	CW
7439-92-1	Lead	ND		mg/L	0.00556	1	EPA 6010D Certifications:	02/07/2023 09:17 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	02/07/2023 20:27	CW
7439-95-4	**Magnesium**	**26.8**		mg/L	0.0556	1	EPA 6010D Certifications:	02/07/2023 09:17 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	02/07/2023 20:27	CW
7439-96-5	**Manganese**	**0.262**		mg/L	0.00556	1	EPA 6010D Certifications:	02/07/2023 09:17 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	02/07/2023 20:27	CW
7440-02-0	Nickel	ND		mg/L	0.0111	1	EPA 6010D Certifications:	02/07/2023 09:17 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	02/07/2023 20:27	CW
7440-09-7	**Potassium**	**29.8**	B	mg/L	0.0556	1	EPA 6010D Certifications:	02/07/2023 09:17 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	02/07/2023 20:27	CW
7440-22-4	Silver	ND		mg/L	0.00556	1	EPA 6010D Certifications:	02/07/2023 09:17 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	02/07/2023 20:27	CW
7440-23-5	**Sodium**	**114**		mg/L	0.556	1	EPA 6010D Certifications:	02/07/2023 09:17 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	02/07/2023 20:27	CW
7440-62-2	Vanadium	ND		mg/L	0.0111	1	EPA 6010D Certifications:	02/07/2023 09:17 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	02/07/2023 20:27	CW
7440-66-6	Zinc	ND		mg/L	0.0278	1	EPA 6010D Certifications:	02/07/2023 09:17 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	02/07/2023 20:27	CW

Metals, Target Analyte, ICP Dissolved

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3015A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7429-90-5	**Aluminum**	**0.100**		mg/L	0.0556	1	EPA 6010D Certifications:	02/06/2023 07:50 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	02/08/2023 13:46	CW
7440-39-3	**Barium**	**0.321**		mg/L	0.0278	1	EPA 6010D Certifications:	02/06/2023 07:50 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	02/08/2023 13:46	CW
7440-70-2	**Calcium**	**154**		mg/L	0.0556	1	EPA 6010D Certifications:	02/06/2023 07:50 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	02/08/2023 13:46	CW
7440-47-3	Chromium	ND		mg/L	0.00556	1	EPA 6010D Certifications:	02/06/2023 07:50 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	02/08/2023 13:46	CW
7440-48-4	Cobalt	ND		mg/L	0.00444	1	EPA 6010D Certifications:	02/06/2023 07:50 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	02/08/2023 13:46	CW
7440-50-8	Copper	ND		mg/L	0.0222	1	EPA 6010D Certifications:	02/06/2023 07:50 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	02/08/2023 13:46	CW
7439-89-6	**Iron**	**8.64**		mg/L	0.278	1	EPA 6010D Certifications:	02/06/2023 07:50 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	02/08/2023 13:46	CW
7439-92-1	Lead	ND		mg/L	0.00556	1	EPA 6010D Certifications:	02/06/2023 07:50 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	02/08/2023 13:46	CW

Sample Information

Client Sample ID: GW-1 **York Sample ID:** 23B0232-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23B0232	B 62nd St	Water	February 2, 2023 8:46 am	02/03/2023

Metals, Target Analyte, ICP Dissolved

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3015A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-95-4	**Magnesium**	**26.2**		mg/L	0.0556	1	EPA 6010D	02/06/2023 07:50	02/08/2023 13:46	CW
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7439-96-5	**Manganese**	**0.255**		mg/L	0.00556	1	EPA 6010D	02/06/2023 07:50	02/08/2023 13:46	CW
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7440-02-0	Nickel	ND		mg/L	0.0111	1	EPA 6010D	02/06/2023 07:50	02/08/2023 13:46	CW
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7440-09-7	**Potassium**	**29.2**		mg/L	0.0556	1	EPA 6010D	02/06/2023 07:50	02/08/2023 13:46	CW
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7440-22-4	Silver	ND		mg/L	0.00556	1	EPA 6010D	02/06/2023 07:50	02/08/2023 13:46	CW
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7440-23-5	**Sodium**	**110**		mg/L	0.556	1	EPA 6010D	02/06/2023 07:50	02/08/2023 13:46	CW
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7440-62-2	Vanadium	ND		mg/L	0.0111	1	EPA 6010D	02/06/2023 07:50	02/08/2023 13:46	CW
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7440-66-6	Zinc	ND		mg/L	0.0278	1	EPA 6010D	02/06/2023 07:50	02/08/2023 13:46	CW
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		

Metals, Target Analyte, ICPMS

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3015A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-36-0	Antimony	ND		mg/L	0.00111	1	EPA 6020B	02/10/2023 08:09	02/10/2023 14:21	AJL
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7440-38-2	Arsenic	ND		mg/L	0.00111	1	EPA 6020B	02/10/2023 08:09	02/10/2023 14:21	AJL
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7440-41-7	Beryllium	ND	M-CCV 1	mg/L	0.000333	1	EPA 6020B	02/10/2023 08:09	02/10/2023 14:21	AJL
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7440-43-9	Cadmium	ND		mg/L	0.000556	1	EPA 6020B	02/10/2023 08:09	02/10/2023 14:21	AJL
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7782-49-2	Selenium	ND		mg/L	0.00111	1	EPA 6020B	02/10/2023 08:09	02/10/2023 14:21	AJL
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7440-28-0	Thallium	ND		mg/L	0.00111	1	EPA 6020B	02/10/2023 08:09	02/10/2023 14:21	AJL
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		

Metals, Target Analyte, ICPMS Dissolved

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3015A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-36-0	Antimony	ND		mg/L	0.00111	1	EPA 6020B	02/10/2023 10:16	02/14/2023 13:02	AJL
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7440-38-2	Arsenic	ND		mg/L	0.00111	1	EPA 6020B	02/10/2023 10:16	02/14/2023 13:02	AJL
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7440-41-7	Beryllium	ND		mg/L	0.000333	1	EPA 6020B	02/10/2023 10:16	02/14/2023 13:02	AJL
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7440-43-9	Cadmium	ND		mg/L	0.000556	1	EPA 6020B	02/10/2023 10:16	02/14/2023 13:02	AJL
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		

Sample Information

Client Sample ID: GW-1 **York Sample ID:** 23B0232-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23B0232	B 62nd St	Water	February 2, 2023 8:46 am	02/03/2023

Metals, Target Analyte, ICPMS Dissolved

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3015A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7782-49-2	Selenium	ND		mg/L	0.00111	1	EPA 6020B Certifications:	02/10/2023 10:16 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	02/14/2023 13:02	AJL
7440-28-0	Thallium	ND		mg/L	0.00111	1	EPA 6020B Certifications:	02/10/2023 10:16 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	02/14/2023 13:02	AJL

Mercury by 7470/7471

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA SW846-7470A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	Mercury	ND		mg/L	0.0002	1	EPA 7470 Certifications:	02/07/2023 08:10 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	02/07/2023 08:10	MR

Mercury, Dissolved

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA SW846-7470A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	Mercury	ND		mg/L	0.0002	1	EPA 7470 Certifications:	02/13/2023 08:30 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	02/13/2023 08:30	AD

Sample Information

Client Sample ID: GW-2 **York Sample ID:** 23B0232-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23B0232	B 62nd St	Water	February 2, 2023 12:18 pm	02/03/2023

VOA, 8260 LOW MASTER

Log-in Notes:

Sample Notes:

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	0.216	0.500	1	EPA 8260C Certifications:	02/13/2023 12:30 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	02/14/2023 01:30	PD
71-55-6	1,1,1-Trichloroethane	ND		ug/L	0.266	0.500	1	EPA 8260C Certifications:	02/13/2023 12:30 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	02/14/2023 01:30	PD
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.256	0.500	1	EPA 8260C Certifications:	02/13/2023 12:30 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	02/14/2023 01:30	PD
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/L	0.286	0.500	1	EPA 8260C Certifications:	02/13/2023 12:30 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	02/14/2023 01:30	PD
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.249	0.500	1	EPA 8260C Certifications:	02/13/2023 12:30 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	02/14/2023 01:30	PD
75-34-3	1,1-Dichloroethane	ND		ug/L	0.272	0.500	1	EPA 8260C Certifications:	02/13/2023 12:30 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	02/14/2023 01:30	PD

Sample Information

Client Sample ID: GW-2 **York Sample ID:** 23B0232-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23B0232	B 62nd St	Water	February 2, 2023 12:18 pm	02/03/2023

VOA, 8260 LOW MASTER

Log-in Notes:

Sample Notes:

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
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.327	0.500	1	EPA 8260C Certifications:	02/13/2023 12:30	02/14/2023 01:30 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	PD
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	0.222	0.500	1	EPA 8260C Certifications:	02/13/2023 12:30	02/14/2023 01:30 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	PD
96-18-4	1,2,3-Trichloropropane	ND		ug/L	0.273	0.500	1	EPA 8260C Certifications:	02/13/2023 12:30	02/14/2023 01:30 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	PD
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.138	0.500	1	EPA 8260C Certifications:	02/13/2023 12:30	02/14/2023 01:30 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	PD
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	0.310	0.500	1	EPA 8260C Certifications:	02/13/2023 12:30	02/14/2023 01:30 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	PD
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.432	0.500	1	EPA 8260C Certifications:	02/13/2023 12:30	02/14/2023 01:30 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	PD
106-93-4	1,2-Dibromoethane	ND		ug/L	0.215	0.500	1	EPA 8260C Certifications:	02/13/2023 12:30	02/14/2023 01:30 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	PD
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.270	0.500	1	EPA 8260C Certifications:	02/13/2023 12:30	02/14/2023 01:30 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	PD
107-06-2	1,2-Dichloroethane	ND		ug/L	0.377	0.500	1	EPA 8260C Certifications:	02/13/2023 12:30	02/14/2023 01:30 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	PD
78-87-5	1,2-Dichloropropane	ND		ug/L	0.327	0.500	1	EPA 8260C Certifications:	02/13/2023 12:30	02/14/2023 01:30 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	PD
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	0.347	0.500	1	EPA 8260C Certifications:	02/13/2023 12:30	02/14/2023 01:30 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	PD
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.283	0.500	1	EPA 8260C Certifications:	02/13/2023 12:30	02/14/2023 01:30 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	PD
142-28-9	1,3-Dichloropropane	ND		ug/L	0.260	0.500	1	EPA 8260C Certifications:	02/13/2023 12:30	02/14/2023 01:30 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	PD
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.311	0.500	1	EPA 8260C Certifications:	02/13/2023 12:30	02/14/2023 01:30 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	PD
123-91-1	1,4-Dioxane	ND		ug/L	35.3	80.0	1	EPA 8260C Certifications:	02/13/2023 12:30	02/14/2023 01:30 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	PD
78-93-3	2-Butanone	ND		ug/L	0.421	0.500	1	EPA 8260C Certifications:	02/13/2023 12:30	02/14/2023 01:30 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	PD
591-78-6	2-Hexanone	ND		ug/L	0.320	0.500	1	EPA 8260C Certifications:	02/13/2023 12:30	02/14/2023 01:30 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	PD
108-10-1	4-Methyl-2-pentanone	ND		ug/L	0.365	0.500	1	EPA 8260C Certifications:	02/13/2023 12:30	02/14/2023 01:30 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	PD
67-64-1	Acetone	ND		ug/L	1.34	2.00	1	EPA 8260C Certifications:	02/13/2023 12:30	02/14/2023 01:30 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	PD
107-02-8	Acrolein	ND		ug/L	0.447	0.500	1	EPA 8260C Certifications:	02/13/2023 12:30	02/14/2023 01:30 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	PD
107-13-1	Acrylonitrile	ND		ug/L	0.422	0.500	1	EPA 8260C Certifications:	02/13/2023 12:30	02/14/2023 01:30 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	PD
71-43-2	Benzene	ND		ug/L	0.279	0.500	1	EPA 8260C Certifications:	02/13/2023 12:30	02/14/2023 01:30 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	PD
74-97-5	Bromochloromethane	ND		ug/L	0.354	0.500	1	EPA 8260C Certifications:	02/13/2023 12:30	02/14/2023 01:30 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	PD

Sample Information

Client Sample ID: GW-2 **York Sample ID:** 23B0232-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23B0232	B 62nd St	Water	February 2, 2023 12:18 pm	02/03/2023

VOA, 8260 LOW MASTER **Log-in Notes:** **Sample Notes:**

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
75-27-4	Bromodichloromethane	ND		ug/L	0.245	0.500	1	EPA 8260C Certifications:	02/13/2023 12:30	02/14/2023 01:30 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	PD
75-25-2	Bromoform	ND		ug/L	0.163	0.500	1	EPA 8260C Certifications:	02/13/2023 12:30	02/14/2023 01:30 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	PD
74-83-9	Bromomethane	ND		ug/L	0.119	0.500	1	EPA 8260C Certifications:	02/13/2023 12:30	02/14/2023 01:30 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	PD
75-15-0	Carbon disulfide	ND		ug/L	0.362	0.500	1	EPA 8260C Certifications:	02/13/2023 12:30	02/14/2023 01:30 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	PD
56-23-5	Carbon tetrachloride	ND		ug/L	0.204	0.500	1	EPA 8260C Certifications:	02/13/2023 12:30	02/14/2023 01:30 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	PD
108-90-7	Chlorobenzene	ND		ug/L	0.284	0.500	1	EPA 8260C Certifications:	02/13/2023 12:30	02/14/2023 01:30 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	PD
75-00-3	Chloroethane	ND		ug/L	0.448	0.500	1	EPA 8260C Certifications:	02/13/2023 12:30	02/14/2023 01:30 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	PD
67-66-3	Chloroform	ND		ug/L	0.243	0.500	1	EPA 8260C Certifications:	02/13/2023 12:30	02/14/2023 01:30 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	PD
74-87-3	Chloromethane	ND		ug/L	0.372	0.500	1	EPA 8260C Certifications:	02/13/2023 12:30	02/14/2023 01:30 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	PD
156-59-2	cis-1,2-Dichloroethylene	ND		ug/L	0.294	0.500	1	EPA 8260C Certifications:	02/13/2023 12:30	02/14/2023 01:30 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	PD
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.262	0.500	1	EPA 8260C Certifications:	02/13/2023 12:30	02/14/2023 01:30 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	PD
110-82-7	Cyclohexane	ND		ug/L	0.491	0.500	1	EPA 8260C Certifications:	02/13/2023 12:30	02/14/2023 01:30 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	PD
124-48-1	Dibromochloromethane	ND		ug/L	0.146	0.500	1	EPA 8260C Certifications:	02/13/2023 12:30	02/14/2023 01:30 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	PD
74-95-3	Dibromomethane	ND		ug/L	0.203	0.500	1	EPA 8260C Certifications:	02/13/2023 12:30	02/14/2023 01:30 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	PD
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.451	0.500	1	EPA 8260C Certifications:	02/13/2023 12:30	02/14/2023 01:30 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	PD
100-41-4	Ethyl Benzene	ND		ug/L	0.290	0.500	1	EPA 8260C Certifications:	02/13/2023 12:30	02/14/2023 01:30 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	PD
87-68-3	Hexachlorobutadiene	ND		ug/L	0.241	0.500	1	EPA 8260C Certifications:	02/13/2023 12:30	02/14/2023 01:30 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	PD
98-82-8	Isopropylbenzene	ND		ug/L	0.405	0.500	1	EPA 8260C Certifications:	02/13/2023 12:30	02/14/2023 01:30 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	PD
79-20-9	Methyl acetate	ND		ug/L	0.442	0.500	1	EPA 8260C Certifications:	02/13/2023 12:30	02/14/2023 01:30 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	PD
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.244	0.500	1	EPA 8260C Certifications:	02/13/2023 12:30	02/14/2023 01:30 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	PD
108-87-2	Methylcyclohexane	ND		ug/L	0.477	0.500	1	EPA 8260C Certifications:	02/13/2023 12:30	02/14/2023 01:30 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	PD
75-09-2	Methylene chloride	ND		ug/L	0.397	2.00	1	EPA 8260C Certifications:	02/13/2023 12:30	02/14/2023 01:30 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	PD
91-20-3	Naphthalene	ND		ug/L	0.212	2.00	1	EPA 8260C Certifications:	02/13/2023 12:30	02/14/2023 01:30 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	PD

Sample Information

Client Sample ID: GW-2 **York Sample ID:** 23B0232-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23B0232	B 62nd St	Water	February 2, 2023 12:18 pm	02/03/2023

VOA, 8260 LOW MASTER

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

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
104-51-8	n-Butylbenzene	ND		ug/L	0.399	0.500	1	EPA 8260C Certifications:	02/13/2023 12:30	02/14/2023 01:30 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	PD
103-65-1	n-Propylbenzene	ND		ug/L	0.384	0.500	1	EPA 8260C Certifications:	02/13/2023 12:30	02/14/2023 01:30 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	PD
95-47-6	o-Xylene	ND		ug/L	0.261	0.500	1	EPA 8260C Certifications:	02/13/2023 12:30	02/14/2023 01:30 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP	PD
179601-23-1	p- & m- Xylenes	ND		ug/L	0.578	1.00	1	EPA 8260C Certifications:	02/13/2023 12:30	02/14/2023 01:30 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP	PD
105-05-5	* p-Diethylbenzene	ND		ug/L	0.341	0.500	1	EPA 8260C Certifications:	02/13/2023 12:30	02/14/2023 01:30	PD
622-96-8	* p-Ethyltoluene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	02/13/2023 12:30	02/14/2023 01:30	PD
99-87-6	p-Isopropyltoluene	ND		ug/L	0.377	0.500	1	EPA 8260C Certifications:	02/13/2023 12:30	02/14/2023 01:30 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	PD
135-98-8	sec-Butylbenzene	ND		ug/L	0.444	0.500	1	EPA 8260C Certifications:	02/13/2023 12:30	02/14/2023 01:30 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	PD
100-42-5	Styrene	ND		ug/L	0.255	0.500	1	EPA 8260C Certifications:	02/13/2023 12:30	02/14/2023 01:30 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	PD
75-65-0	tert-Butyl alcohol (TBA)	ND		ug/L	0.608	1.00	1	EPA 8260C Certifications:	02/13/2023 12:30	02/14/2023 01:30 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	PD
98-06-6	tert-Butylbenzene	ND		ug/L	0.367	0.500	1	EPA 8260C Certifications:	02/13/2023 12:30	02/14/2023 01:30 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	PD
127-18-4	Tetrachloroethylene	ND		ug/L	0.239	0.500	1	EPA 8260C Certifications:	02/13/2023 12:30	02/14/2023 01:30 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	PD
108-88-3	Toluene	ND		ug/L	0.346	0.500	1	EPA 8260C Certifications:	02/13/2023 12:30	02/14/2023 01:30 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	PD
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.279	0.500	1	EPA 8260C Certifications:	02/13/2023 12:30	02/14/2023 01:30 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	PD
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.229	0.500	1	EPA 8260C Certifications:	02/13/2023 12:30	02/14/2023 01:30 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	PD
79-01-6	Trichloroethylene	ND		ug/L	0.249	0.500	1	EPA 8260C Certifications:	02/13/2023 12:30	02/14/2023 01:30 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	PD
75-69-4	Trichlorofluoromethane	ND		ug/L	0.337	0.500	1	EPA 8260C Certifications:	02/13/2023 12:30	02/14/2023 01:30 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	PD
75-01-4	Vinyl Chloride	ND		ug/L	0.469	0.500	1	EPA 8260C Certifications:	02/13/2023 12:30	02/14/2023 01:30 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	PD
1330-20-7	Xylenes, Total	ND		ug/L	0.836	1.50	1	EPA 8260C Certifications:	02/13/2023 12:30	02/14/2023 01:30 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP	PD

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: SURR: 1,2-Dichloroethane-d4*	*95.5 %*	*69-130*
2037-26-5	*Surrogate: SURR: Toluene-d8*	*100 %*	*81-117*
460-00-4	*Surrogate: SURR: p-Bromofluorobenzene*	*104 %*	*79-122*

SVOA, 8270 LOW MASTER

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

Sample Information

Client Sample ID: GW-2 **York Sample ID:** 23B0232-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23B0232	B 62nd St	Water	February 2, 2023 12:18 pm	02/03/2023

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
92-52-4	1,1-Biphenyl	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications:	02/07/2023 08:32 NELAC-NY10854,NJDEP,PADEP	02/08/2023 18:42	KH
95-94-3	1,2,4,5-Tetrachlorobenzene	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications:	02/07/2023 08:32 NELAC-NY10854,NJDEP,PADEP	02/08/2023 18:42	KH
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications:	02/07/2023 08:32 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	02/08/2023 18:42	KH
95-50-1	1,2-Dichlorobenzene	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications:	02/07/2023 08:32 NELAC-NY10854,PADEP	02/08/2023 18:42	KH
122-66-7	1,2-Diphenylhydrazine (as Azobenzene)	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications:	02/07/2023 08:32 NELAC-NY10854,NJDEP,PADEP	02/08/2023 18:42	KH
541-73-1	1,3-Dichlorobenzene	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications:	02/07/2023 08:32 NELAC-NY10854,PADEP	02/08/2023 18:42	KH
106-46-7	1,4-Dichlorobenzene	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications:	02/07/2023 08:32 NELAC-NY10854,PADEP	02/08/2023 18:42	KH
58-90-2	2,3,4,6-Tetrachlorophenol	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications:	02/07/2023 08:32 NELAC-NY10854,NJDEP,PADEP	02/08/2023 18:42	KH
95-95-4	2,4,5-Trichlorophenol	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications:	02/07/2023 08:32 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	02/08/2023 18:42	KH
88-06-2	2,4,6-Trichlorophenol	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications:	02/07/2023 08:32 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	02/08/2023 18:42	KH
120-83-2	2,4-Dichlorophenol	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications:	02/07/2023 08:32 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	02/08/2023 18:42	KH
105-67-9	2,4-Dimethylphenol	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications:	02/07/2023 08:32 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	02/08/2023 18:42	KH
51-28-5	2,4-Dinitrophenol	ND	CAL-E	ug/L	2.50	5.00	1	EPA 8270D Certifications:	02/07/2023 08:32 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	02/08/2023 18:42	KH
121-14-2	2,4-Dinitrotoluene	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications:	02/07/2023 08:32 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	02/08/2023 18:42	KH
606-20-2	2,6-Dinitrotoluene	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications:	02/07/2023 08:32 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	02/08/2023 18:42	KH
91-58-7	2-Chloronaphthalene	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications:	02/07/2023 08:32 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	02/08/2023 18:42	KH
95-57-8	2-Chlorophenol	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications:	02/07/2023 08:32 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	02/08/2023 18:42	KH
91-57-6	2-Methylnaphthalene	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications:	02/07/2023 08:32 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	02/08/2023 18:42	KH
95-48-7	2-Methylphenol	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications:	02/07/2023 08:32 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	02/08/2023 18:42	KH
88-74-4	2-Nitroaniline	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications:	02/07/2023 08:32 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	02/08/2023 18:42	KH
88-75-5	2-Nitrophenol	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications:	02/07/2023 08:32 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	02/08/2023 18:42	KH
65794-96-9	3- & 4-Methylphenols	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications:	02/07/2023 08:32 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	02/08/2023 18:42	KH
91-94-1	3,3-Dichlorobenzidine	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications:	02/07/2023 08:32 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	02/08/2023 18:42	KH
99-09-2	3-Nitroaniline	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications:	02/07/2023 08:32 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	02/08/2023 18:42	KH

Sample Information

Client Sample ID: GW-2 **York Sample ID:** 23B0232-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23B0232	B 62nd St	Water	February 2, 2023 12:18 pm	02/03/2023

SVOA, 8270 LOW MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
534-52-1	4,6-Dinitro-2-methylphenol	ND	CAL-E	ug/L	2.50	5.00	1	EPA 8270D Certifications:	02/07/2023 08:32	02/08/2023 18:42 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	KH
101-55-3	4-Bromophenyl phenyl ether	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications:	02/07/2023 08:32	02/08/2023 18:42 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	KH
59-50-7	4-Chloro-3-methylphenol	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications:	02/07/2023 08:32	02/08/2023 18:42 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	KH
106-47-8	4-Chloroaniline	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications:	02/07/2023 08:32	02/08/2023 18:42 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	KH
7005-72-3	4-Chlorophenyl phenyl ether	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications:	02/07/2023 08:32	02/08/2023 18:42 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	KH
100-01-6	4-Nitroaniline	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications:	02/07/2023 08:32	02/08/2023 18:42 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	KH
100-02-7	4-Nitrophenol	ND		ug/L	5.00	5.00	1	EPA 8270D Certifications:	02/07/2023 08:32	02/08/2023 18:42 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	KH
98-86-2	Acetophenone	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications:	02/07/2023 08:32	02/08/2023 18:42 NELAC-NY10854,NJDEP,PADEP	KH
98-55-5	* Alpha Terpineol	ND		ug/L	5.00	10.0	1	EPA 8270D Certifications:	02/07/2023 08:32	02/08/2023 18:42 PADEP	KH
62-53-3	Aniline	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications:	02/07/2023 08:32	02/08/2023 18:42 NELAC-NY10854,NJDEP,PADEP	KH
100-52-7	Benzaldehyde	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications:	02/07/2023 08:32	02/08/2023 18:42 NELAC-NY10854,NJDEP,PADEP	KH
92-87-5	Benzidine	ND		ug/L	5.00	5.00	1	EPA 8270D Certifications:	02/07/2023 08:32	02/08/2023 18:42 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	KH
65-85-0	Benzoic acid	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications:	02/07/2023 08:32	02/08/2023 18:42 NELAC-NY10854,NJDEP,PADEP	KH
100-51-6	Benzyl alcohol	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications:	02/07/2023 08:32	02/08/2023 18:42 NELAC-NY10854,NJDEP,PADEP	KH
85-68-7	Benzyl butyl phthalate	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications:	02/07/2023 08:32	02/08/2023 18:42 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	KH
111-91-1	Bis(2-chloroethoxy)methane	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications:	02/07/2023 08:32	02/08/2023 18:42 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	KH
111-44-4	Bis(2-chloroethyl)ether	ND		ug/L	1.00	5.00	1	EPA 8270D Certifications:	02/07/2023 08:32	02/08/2023 18:42 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	KH
108-60-1	Bis(2-chloroisopropyl)ether	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications:	02/07/2023 08:32	02/08/2023 18:42 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	KH
105-60-2	Caprolactam	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications:	02/07/2023 08:32	02/08/2023 18:42 NELAC-NY10854,NJDEP,PADEP	KH
86-74-8	Carbazole	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications:	02/07/2023 08:32	02/08/2023 18:42 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	KH
132-64-9	Dibenzofuran	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications:	02/07/2023 08:32	02/08/2023 18:42 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	KH
84-66-2	Diethyl phthalate	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications:	02/07/2023 08:32	02/08/2023 18:42 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	KH
131-11-3	Dimethyl phthalate	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications:	02/07/2023 08:32	02/08/2023 18:42 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	KH

Sample Information

Client Sample ID: GW-2 **York Sample ID:** 23B0232-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23B0232	B 62nd St	Water	February 2, 2023 12:18 pm	02/03/2023

SVOA, 8270 LOW MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
84-74-2	Di-n-butyl phthalate	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications:	02/07/2023 08:32 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	02/08/2023 18:42	KH
117-84-0	Di-n-octyl phthalate	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications:	02/07/2023 08:32 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	02/08/2023 18:42	KH
77-47-4	Hexachlorocyclopentadiene	ND	CCVE	ug/L	5.00	10.0	1	EPA 8270D Certifications:	02/07/2023 08:32 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	02/08/2023 18:42	KH
78-59-1	Isophorone	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications:	02/07/2023 08:32 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	02/08/2023 18:42	KH
621-64-7	N-nitroso-di-n-propylamine	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications:	02/07/2023 08:32 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	02/08/2023 18:42	KH
86-30-6	N-Nitrosodiphenylamine	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications:	02/07/2023 08:32 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	02/08/2023 18:42	KH
108-95-2	Phenol	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications:	02/07/2023 08:32 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	02/08/2023 18:42	KH

	Surrogate Recoveries	Result	Acceptance Range
367-12-4	*Surrogate: SURR: 2-Fluorophenol*	*31.3 %*	*15-110*
13127-88-3	*Surrogate: SURR: Phenol-d6*	*17.8 %*	*15-110*
4165-60-0	*Surrogate: SURR: Nitrobenzene-d5*	*83.2 %*	*30-130*
321-60-8	*Surrogate: SURR: 2-Fluorobiphenyl*	*67.3 %*	*30-130*
118-79-6	*Surrogate: SURR: 2,4,6-Tribromophenol*	*61.1 %*	*15-110*
1718-51-0	*Surrogate: SURR: Terphenyl-d14*	*69.8 %*	*30-130*

SVOA, 8270 SIM MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
83-32-9	Acenaphthene	ND	CAL-E	ug/L	0.0500	1	EPA 8270D SIM Certifications:	02/07/2023 08:32 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	02/08/2023 22:07	KH
208-96-8	Acenaphthylene	ND	CAL-E	ug/L	0.0500	1	EPA 8270D SIM Certifications:	02/07/2023 08:32 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	02/08/2023 22:07	KH
120-12-7	Anthracene	ND	CAL-E	ug/L	0.0500	1	EPA 8270D SIM Certifications:	02/07/2023 08:32 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	02/08/2023 22:07	KH
1912-24-9	Atrazine	ND		ug/L	0.500	1	EPA 8270D SIM Certifications:	02/07/2023 08:32 CTDOH-PH-0723,NELAC-NY10854,NJDEP	02/08/2023 22:07	KH
56-55-3	Benzo(a)anthracene	ND	CAL-E	ug/L	0.0500	1	EPA 8270D SIM Certifications:	02/07/2023 08:32 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	02/08/2023 22:07	KH
50-32-8	Benzo(a)pyrene	ND	CAL-E	ug/L	0.0500	1	EPA 8270D SIM Certifications:	02/07/2023 08:32 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	02/08/2023 22:07	KH
205-99-2	Benzo(b)fluoranthene	ND	CAL-E	ug/L	0.0500	1	EPA 8270D SIM Certifications:	02/07/2023 08:32 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	02/08/2023 22:07	KH
191-24-2	Benzo(g,h,i)perylene	ND	CAL-E	ug/L	0.0500	1	EPA 8270D SIM Certifications:	02/07/2023 08:32 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	02/08/2023 22:07	KH
207-08-9	Benzo(k)fluoranthene	ND	CAL-E	ug/L	0.0500	1	EPA 8270D SIM Certifications:	02/07/2023 08:32 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	02/08/2023 22:07	KH

Sample Information

Client Sample ID: GW-2 **York Sample ID:** 23B0232-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23B0232	B 62nd St	Water	February 2, 2023 12:18 pm	02/03/2023

SVOA, 8270 SIM MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
117-81-7	Bis(2-ethylhexyl)phthalate	ND		ug/L	0.500	1	EPA 8270D SIM Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP	02/07/2023 08:32	02/08/2023 22:07	KH
218-01-9	Chrysene	ND	CAL-E	ug/L	0.0500	1	EPA 8270D SIM Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	02/07/2023 08:32	02/08/2023 22:07	KH
53-70-3	Dibenzo(a,h)anthracene	ND		ug/L	0.0500	1	EPA 8270D SIM Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	02/07/2023 08:32	02/08/2023 22:07	KH
206-44-0	Fluoranthene	ND	CAL-E	ug/L	0.0500	1	EPA 8270D SIM Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	02/07/2023 08:32	02/08/2023 22:07	KH
86-73-7	Fluorene	ND	CAL-E	ug/L	0.0500	1	EPA 8270D SIM Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	02/07/2023 08:32	02/08/2023 22:07	KH
118-74-1	Hexachlorobenzene	ND		ug/L	0.0200	1	EPA 8270D SIM Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP	02/07/2023 08:32	02/08/2023 22:07	KH
87-68-3	Hexachlorobutadiene	ND		ug/L	0.500	1	EPA 8270D SIM Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP	02/07/2023 08:32	02/08/2023 22:07	KH
67-72-1	Hexachloroethane	ND		ug/L	0.500	1	EPA 8270D SIM Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP	02/07/2023 08:32	02/08/2023 22:07	KH
193-39-5	Indeno(1,2,3-cd)pyrene	ND		ug/L	0.0500	1	EPA 8270D SIM Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	02/07/2023 08:32	02/08/2023 22:07	KH
91-20-3	Naphthalene	ND	CAL-E	ug/L	0.0500	1	EPA 8270D SIM Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	02/07/2023 08:32	02/08/2023 22:07	KH
98-95-3	Nitrobenzene	ND		ug/L	0.250	1	EPA 8270D SIM Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP	02/07/2023 08:32	02/08/2023 22:07	KH
62-75-9	N-Nitrosodimethylamine	ND	QL-02	ug/L	0.500	1	EPA 8270D SIM Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP	02/07/2023 08:32	02/08/2023 22:07	KH
87-86-5	Pentachlorophenol	ND	CCVE	ug/L	0.250	1	EPA 8270D SIM Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP	02/07/2023 08:32	02/08/2023 22:07	KH
85-01-8	Phenanthrene	ND	CAL-E	ug/L	0.0500	1	EPA 8270D SIM Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	02/07/2023 08:32	02/08/2023 22:07	KH
129-00-0	Pyrene	ND	CAL-E	ug/L	0.0500	1	EPA 8270D SIM Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	02/07/2023 08:32	02/08/2023 22:07	KH

PEST, 8081 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA SW846-3510C Low Level

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
72-54-8	4,4'-DDD	ND		ug/L	0.00410	1	EPA 8081B Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	02/06/2023 08:24	02/09/2023 12:20	BJ
72-55-9	4,4'-DDE	ND		ug/L	0.00410	1	EPA 8081B Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	02/06/2023 08:24	02/09/2023 12:20	BJ
50-29-3	4,4'-DDT	ND		ug/L	0.00410	1	EPA 8081B Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	02/06/2023 08:24	02/09/2023 12:20	BJ
309-00-2	Aldrin	ND		ug/L	0.00410	1	EPA 8081B Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	02/06/2023 08:24	02/09/2023 12:20	BJ
319-84-6	alpha-BHC	ND		ug/L	0.00410	1	EPA 8081B Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	02/06/2023 08:24	02/09/2023 12:20	BJ

Sample Information

Client Sample ID: GW-2 **York Sample ID:** 23B0232-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23B0232	B 62nd St	Water	February 2, 2023 12:18 pm	02/03/2023

PEST, 8081 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA SW846-3510C Low Level

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
5103-71-9	alpha-Chlordane	ND		ug/L	0.00410	1	EPA 8081B Certifications:	02/06/2023 08:24 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	02/09/2023 12:20	BJ
319-85-7	beta-BHC	ND		ug/L	0.00410	1	EPA 8081B Certifications:	02/06/2023 08:24 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	02/09/2023 12:20	BJ
319-86-8	delta-BHC	ND		ug/L	0.00410	1	EPA 8081B Certifications:	02/06/2023 08:24 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	02/09/2023 12:20	BJ
60-57-1	Dieldrin	ND		ug/L	0.00205	1	EPA 8081B Certifications:	02/06/2023 08:24 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	02/09/2023 12:20	BJ
959-98-8	Endosulfan I	ND		ug/L	0.00410	1	EPA 8081B Certifications:	02/06/2023 08:24 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	02/09/2023 12:20	BJ
33213-65-9	Endosulfan II	ND		ug/L	0.00410	1	EPA 8081B Certifications:	02/06/2023 08:24 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	02/09/2023 12:20	BJ
1031-07-8	Endosulfan sulfate	ND		ug/L	0.00410	1	EPA 8081B Certifications:	02/06/2023 08:24 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	02/09/2023 12:20	BJ
72-20-8	Endrin	ND		ug/L	0.00410	1	EPA 8081B Certifications:	02/06/2023 08:24 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	02/09/2023 12:20	BJ
7421-93-4	Endrin aldehyde	ND		ug/L	0.0103	1	EPA 8081B Certifications:	02/06/2023 08:24 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	02/09/2023 12:20	BJ
53494-70-5	Endrin ketone	ND		ug/L	0.0103	1	EPA 8081B Certifications:	02/06/2023 08:24 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	02/09/2023 12:20	BJ
58-89-9	gamma-BHC (Lindane)	ND		ug/L	0.00410	1	EPA 8081B Certifications:	02/06/2023 08:24 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	02/09/2023 12:20	BJ
5566-34-7	gamma-Chlordane	ND		ug/L	0.0103	1	EPA 8081B Certifications:	02/06/2023 08:24 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	02/09/2023 12:20	BJ
76-44-8	Heptachlor	ND		ug/L	0.00410	1	EPA 8081B Certifications:	02/06/2023 08:24 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	02/09/2023 12:20	BJ
1024-57-3	Heptachlor epoxide	ND		ug/L	0.00410	1	EPA 8081B Certifications:	02/06/2023 08:24 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	02/09/2023 12:20	BJ
72-43-5	Methoxychlor	ND		ug/L	0.00410	1	EPA 8081B Certifications:	02/06/2023 08:24 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	02/09/2023 12:20	BJ
8001-35-2	Toxaphene	ND		ug/L	0.103	1	EPA 8081B Certifications:	02/06/2023 08:24 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	02/09/2023 12:20	BJ
12789-03-6	* Chlordane, total	ND		ug/L	0.205	1	EPA 8081B Certifications:	02/06/2023 08:24	02/09/2023 12:20	BJ

	Surrogate Recoveries	Result	Acceptance Range
2051-24-3	*Surrogate: Decachlorobiphenyl*	*48.7 %*	*30-150*
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*90.1 %*	*30-150*

PCB, 8082 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA SW846-3510C Low Level

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
12674-11-2	Aroclor 1016	ND		ug/L	0.0513	1	EPA 8082A Certifications:	02/06/2023 08:24 NELAC-NY10854,CTDOH-PH-0723,NJDEP,PADEP	02/07/2023 05:15	BJ

Sample Information

Client Sample ID: GW-2 **York Sample ID:** 23B0232-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23B0232	B 62nd St	Water	February 2, 2023 12:18 pm	02/03/2023

PCB, 8082 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA SW846-3510C Low Level

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
11104-28-2	Aroclor 1221	ND		ug/L	0.0513	1	EPA 8082A Certifications:	02/06/2023 08:24 NELAC-NY10854,CTDOH-PH-0723,NJDEP,PADEP	02/07/2023 05:15	BJ
11141-16-5	Aroclor 1232	ND		ug/L	0.0513	1	EPA 8082A Certifications:	02/06/2023 08:24 NELAC-NY10854,CTDOH-PH-0723,NJDEP,PADEP	02/07/2023 05:15	BJ
53469-21-9	Aroclor 1242	ND		ug/L	0.0513	1	EPA 8082A Certifications:	02/06/2023 08:24 NELAC-NY10854,CTDOH-PH-0723,NJDEP,PADEP	02/07/2023 05:15	BJ
12672-29-6	Aroclor 1248	ND		ug/L	0.0513	1	EPA 8082A Certifications:	02/06/2023 08:24 NELAC-NY10854,CTDOH-PH-0723,NJDEP,PADEP	02/07/2023 05:15	BJ
11097-69-1	Aroclor 1254	ND		ug/L	0.0513	1	EPA 8082A Certifications:	02/06/2023 08:24 NELAC-NY10854,CTDOH-PH-0723,NJDEP,PADEP	02/07/2023 05:15	BJ
11096-82-5	Aroclor 1260	ND		ug/L	0.0513	1	EPA 8082A Certifications:	02/06/2023 08:24 NELAC-NY10854,CTDOH-PH-0723,NJDEP,PADEP	02/07/2023 05:15	BJ
37324-23-5	Aroclor 1262	ND		ug/L	0.0513	1	EPA 8082A Certifications:	02/06/2023 08:24 NELAC-NY10854,NJDEP,PADEP	02/07/2023 05:15	BJ
11100-14-4	Aroclor 1268	ND		ug/L	0.0513	1	EPA 8082A Certifications:	02/06/2023 08:24 NELAC-NY10854,NJDEP,PADEP	02/07/2023 05:15	BJ
1336-36-3	* Total PCBs	ND		ug/L	0.0513	1	EPA 8082A Certifications:	02/06/2023 08:24	02/07/2023 05:15	BJ

	Surrogate Recoveries	Result	Acceptance Range
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*88.0 %*	*30-120*
2051-24-3	*Surrogate: Decachlorobiphenyl*	*67.0 %*	*30-120*

Metals, Target Analyte, ICP

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3015A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7429-90-5	Aluminum	ND		mg/L	0.0556	1	EPA 6010D Certifications:	02/07/2023 09:17 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	02/07/2023 20:30	CW
7440-39-3	**Barium**	**0.0781**		mg/L	0.0278	1	EPA 6010D Certifications:	02/07/2023 09:17 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	02/07/2023 20:30	CW
7440-70-2	**Calcium**	**101**		mg/L	0.0556	1	EPA 6010D Certifications:	02/07/2023 09:17 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	02/07/2023 20:30	CW
7440-47-3	Chromium	ND		mg/L	0.00556	1	EPA 6010D Certifications:	02/07/2023 09:17 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	02/07/2023 20:30	CW
7440-48-4	Cobalt	ND		mg/L	0.00444	1	EPA 6010D Certifications:	02/07/2023 09:17 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	02/07/2023 20:30	CW
7440-50-8	Copper	ND		mg/L	0.0222	1	EPA 6010D Certifications:	02/07/2023 09:17 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	02/07/2023 20:30	CW
7439-89-6	Iron	ND		mg/L	0.278	1	EPA 6010D Certifications:	02/07/2023 09:17 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	02/07/2023 20:30	CW
7439-92-1	Lead	ND		mg/L	0.00556	1	EPA 6010D Certifications:	02/07/2023 09:17 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	02/07/2023 20:30	CW
7439-95-4	**Magnesium**	**10.1**		mg/L	0.0556	1	EPA 6010D Certifications:	02/07/2023 09:17 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	02/07/2023 20:30	CW

Sample Information

Client Sample ID: GW-2 **York Sample ID:** 23B0232-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23B0232	B 62nd St	Water	February 2, 2023 12:18 pm	02/03/2023

Metals, Target Analyte, ICP

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3015A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-96-5	**Manganese**	**0.0330**		mg/L	0.00556	1	EPA 6010D	02/07/2023 09:17	02/07/2023 20:30	CW
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7440-02-0	Nickel	ND		mg/L	0.0111	1	EPA 6010D	02/07/2023 09:17	02/07/2023 20:30	CW
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7440-09-7	**Potassium**	**5.52**	B	mg/L	0.0556	1	EPA 6010D	02/07/2023 09:17	02/07/2023 20:30	CW
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7440-22-4	Silver	ND		mg/L	0.00556	1	EPA 6010D	02/07/2023 09:17	02/07/2023 20:30	CW
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7440-23-5	**Sodium**	**30.4**		mg/L	0.556	1	EPA 6010D	02/07/2023 09:17	02/07/2023 20:30	CW
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7440-62-2	Vanadium	ND		mg/L	0.0111	1	EPA 6010D	02/07/2023 09:17	02/07/2023 20:30	CW
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7440-66-6	**Zinc**	**0.124**		mg/L	0.0278	1	EPA 6010D	02/07/2023 09:17	02/07/2023 20:30	CW
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		

Metals, Target Analyte, ICP Dissolved

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3015A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7429-90-5	Aluminum	ND		mg/L	0.0556	1	EPA 6010D	02/06/2023 07:50	02/08/2023 13:49	CW
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7440-39-3	**Barium**	**0.0804**		mg/L	0.0278	1	EPA 6010D	02/06/2023 07:50	02/08/2023 13:49	CW
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7440-70-2	**Calcium**	**101**		mg/L	0.0556	1	EPA 6010D	02/06/2023 07:50	02/08/2023 13:49	CW
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7440-47-3	Chromium	ND		mg/L	0.00556	1	EPA 6010D	02/06/2023 07:50	02/08/2023 13:49	CW
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7440-48-4	Cobalt	ND		mg/L	0.00444	1	EPA 6010D	02/06/2023 07:50	02/08/2023 13:49	CW
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7440-50-8	Copper	ND		mg/L	0.0222	1	EPA 6010D	02/06/2023 07:50	02/08/2023 13:49	CW
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7439-89-6	Iron	ND		mg/L	0.278	1	EPA 6010D	02/06/2023 07:50	02/08/2023 13:49	CW
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7439-92-1	Lead	ND		mg/L	0.00556	1	EPA 6010D	02/06/2023 07:50	02/08/2023 13:49	CW
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7439-95-4	**Magnesium**	**10.2**		mg/L	0.0556	1	EPA 6010D	02/06/2023 07:50	02/08/2023 13:49	CW
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7439-96-5	**Manganese**	**0.0330**		mg/L	0.00556	1	EPA 6010D	02/06/2023 07:50	02/08/2023 13:49	CW
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7440-02-0	Nickel	ND		mg/L	0.0111	1	EPA 6010D	02/06/2023 07:50	02/08/2023 13:49	CW
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7440-09-7	**Potassium**	**5.66**		mg/L	0.0556	1	EPA 6010D	02/06/2023 07:50	02/08/2023 13:49	CW
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7440-22-4	Silver	ND		mg/L	0.00556	1	EPA 6010D	02/06/2023 07:50	02/08/2023 13:49	CW
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		

Sample Information

Client Sample ID: GW-2 **York Sample ID:** 23B0232-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23B0232	B 62nd St	Water	February 2, 2023 12:18 pm	02/03/2023

Metals, Target Analyte, ICP Dissolved

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3015A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-23-5	**Sodium**	**29.6**		mg/L	0.556	1	EPA 6010D	02/06/2023 07:50	02/08/2023 13:49	CW
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7440-62-2	Vanadium	ND		mg/L	0.0111	1	EPA 6010D	02/06/2023 07:50	02/08/2023 13:49	CW
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7440-66-6	**Zinc**	**0.164**		mg/L	0.0278	1	EPA 6010D	02/06/2023 07:50	02/08/2023 13:49	CW
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		

Metals, Target Analyte, ICPMS

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3015A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-36-0	Antimony	ND		mg/L	0.00111	1	EPA 6020B	02/13/2023 12:15	02/14/2023 14:51	AJL
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7440-38-2	Arsenic	ND		mg/L	0.00111	1	EPA 6020B	02/13/2023 12:15	02/14/2023 14:51	AJL
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7440-41-7	Beryllium	ND		mg/L	0.000333	1	EPA 6020B	02/13/2023 12:15	02/14/2023 14:51	AJL
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7440-43-9	Cadmium	ND		mg/L	0.000556	1	EPA 6020B	02/13/2023 12:15	02/14/2023 14:51	AJL
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7782-49-2	**Selenium**	**0.00741**		mg/L	0.00111	1	EPA 6020B	02/13/2023 12:15	02/14/2023 14:51	AJL
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7440-28-0	Thallium	ND		mg/L	0.00111	1	EPA 6020B	02/13/2023 12:15	02/14/2023 14:51	AJL
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		

Metals, Target Analyte, ICPMS Dissolved

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3015A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-36-0	Antimony	ND		mg/L	0.00111	1	EPA 6020B	02/10/2023 10:16	02/14/2023 13:05	AJL
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7440-38-2	Arsenic	ND		mg/L	0.00111	1	EPA 6020B	02/10/2023 10:16	02/14/2023 13:05	AJL
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7440-41-7	Beryllium	ND		mg/L	0.000333	1	EPA 6020B	02/10/2023 10:16	02/14/2023 13:05	AJL
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7440-43-9	Cadmium	ND		mg/L	0.000556	1	EPA 6020B	02/10/2023 10:16	02/14/2023 13:05	AJL
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7782-49-2	**Selenium**	**0.00659**		mg/L	0.00111	1	EPA 6020B	02/10/2023 10:16	02/14/2023 13:05	AJL
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7440-28-0	Thallium	ND		mg/L	0.00111	1	EPA 6020B	02/10/2023 10:16	02/14/2023 13:05	AJL
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		

Mercury by 7470/7471

Log-in Notes:

Sample Notes:

Sample Information

Client Sample ID: GW-2 **York Sample ID:** 23B0232-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23B0232	B 62nd St	Water	February 2, 2023 12:18 pm	02/03/2023

Sample Prepared by Method: EPA SW846-7470A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	Mercury	ND		mg/L	0.0002	1	EPA 7470	02/07/2023 08:10	02/07/2023 08:10	MR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		

Mercury, Dissolved **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA SW846-7470A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	Mercury	ND		mg/L	0.0002	1	EPA 7470	02/13/2023 08:30	02/13/2023 08:30	AD
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		

Sample Information

Client Sample ID: GW-3 **York Sample ID:** 23B0232-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23B0232	B 62nd St	Water	February 2, 2023 11:05 am	02/03/2023

VOA, 8260 LOW MASTER **Log-in Notes:** **Sample Notes:**

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	0.216	0.500	1	EPA 8260C	02/13/2023 12:30	02/14/2023 01:57	PD
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
71-55-6	1,1,1-Trichloroethane	ND		ug/L	0.266	0.500	1	EPA 8260C	02/13/2023 12:30	02/14/2023 01:57	PD
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.256	0.500	1	EPA 8260C	02/13/2023 12:30	02/14/2023 01:57	PD
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/L	0.286	0.500	1	EPA 8260C	02/13/2023 12:30	02/14/2023 01:57	PD
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.249	0.500	1	EPA 8260C	02/13/2023 12:30	02/14/2023 01:57	PD
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
75-34-3	1,1-Dichloroethane	ND		ug/L	0.272	0.500	1	EPA 8260C	02/13/2023 12:30	02/14/2023 01:57	PD
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.327	0.500	1	EPA 8260C	02/13/2023 12:30	02/14/2023 01:57	PD
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	0.222	0.500	1	EPA 8260C	02/13/2023 12:30	02/14/2023 01:57	PD
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
96-18-4	1,2,3-Trichloropropane	ND		ug/L	0.273	0.500	1	EPA 8260C	02/13/2023 12:30	02/14/2023 01:57	PD
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.138	0.500	1	EPA 8260C	02/13/2023 12:30	02/14/2023 01:57	PD
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	0.310	0.500	1	EPA 8260C	02/13/2023 12:30	02/14/2023 01:57	PD
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.432	0.500	1	EPA 8260C	02/13/2023 12:30	02/14/2023 01:57	PD
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		

Sample Information

Client Sample ID: GW-3 **York Sample ID:** 23B0232-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23B0232	B 62nd St	Water	February 2, 2023 11:05 am	02/03/2023

VOA, 8260 LOW MASTER

Log-in Notes:

Sample Notes:

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
106-93-4	1,2-Dibromoethane	ND		ug/L	0.215	0.500	1	EPA 8260C Certifications:	02/13/2023 12:30	02/14/2023 01:57	PD CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.270	0.500	1	EPA 8260C Certifications:	02/13/2023 12:30	02/14/2023 01:57	PD CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
107-06-2	1,2-Dichloroethane	ND		ug/L	0.377	0.500	1	EPA 8260C Certifications:	02/13/2023 12:30	02/14/2023 01:57	PD CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
78-87-5	1,2-Dichloropropane	ND		ug/L	0.327	0.500	1	EPA 8260C Certifications:	02/13/2023 12:30	02/14/2023 01:57	PD CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	0.347	0.500	1	EPA 8260C Certifications:	02/13/2023 12:30	02/14/2023 01:57	PD CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.283	0.500	1	EPA 8260C Certifications:	02/13/2023 12:30	02/14/2023 01:57	PD CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
142-28-9	1,3-Dichloropropane	ND		ug/L	0.260	0.500	1	EPA 8260C Certifications:	02/13/2023 12:30	02/14/2023 01:57	PD NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.311	0.500	1	EPA 8260C Certifications:	02/13/2023 12:30	02/14/2023 01:57	PD CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
123-91-1	1,4-Dioxane	ND		ug/L	35.3	80.0	1	EPA 8260C Certifications:	02/13/2023 12:30	02/14/2023 01:57	PD NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
78-93-3	2-Butanone	ND		ug/L	0.421	0.500	1	EPA 8260C Certifications:	02/13/2023 12:30	02/14/2023 01:57	PD CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
591-78-6	2-Hexanone	ND		ug/L	0.320	0.500	1	EPA 8260C Certifications:	02/13/2023 12:30	02/14/2023 01:57	PD CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
108-10-1	4-Methyl-2-pentanone	ND		ug/L	0.365	0.500	1	EPA 8260C Certifications:	02/13/2023 12:30	02/14/2023 01:57	PD CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
67-64-1	Acetone	ND		ug/L	1.34	2.00	1	EPA 8260C Certifications:	02/13/2023 12:30	02/14/2023 01:57	PD CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
107-02-8	Acrolein	ND		ug/L	0.447	0.500	1	EPA 8260C Certifications:	02/13/2023 12:30	02/14/2023 01:57	PD CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
107-13-1	Acrylonitrile	ND		ug/L	0.422	0.500	1	EPA 8260C Certifications:	02/13/2023 12:30	02/14/2023 01:57	PD CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
71-43-2	Benzene	ND		ug/L	0.279	0.500	1	EPA 8260C Certifications:	02/13/2023 12:30	02/14/2023 01:57	PD CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
74-97-5	Bromochloromethane	ND		ug/L	0.354	0.500	1	EPA 8260C Certifications:	02/13/2023 12:30	02/14/2023 01:57	PD NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
75-27-4	Bromodichloromethane	ND		ug/L	0.245	0.500	1	EPA 8260C Certifications:	02/13/2023 12:30	02/14/2023 01:57	PD CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
75-25-2	Bromoform	ND		ug/L	0.163	0.500	1	EPA 8260C Certifications:	02/13/2023 12:30	02/14/2023 01:57	PD CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
74-83-9	Bromomethane	ND		ug/L	0.119	0.500	1	EPA 8260C Certifications:	02/13/2023 12:30	02/14/2023 01:57	PD CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
75-15-0	Carbon disulfide	ND		ug/L	0.362	0.500	1	EPA 8260C Certifications:	02/13/2023 12:30	02/14/2023 01:57	PD CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
56-23-5	Carbon tetrachloride	ND		ug/L	0.204	0.500	1	EPA 8260C Certifications:	02/13/2023 12:30	02/14/2023 01:57	PD CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
108-90-7	Chlorobenzene	ND		ug/L	0.284	0.500	1	EPA 8260C Certifications:	02/13/2023 12:30	02/14/2023 01:57	PD CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI

Sample Information

Client Sample ID: GW-3 **York Sample ID:** 23B0232-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23B0232	B 62nd St	Water	February 2, 2023 11:05 am	02/03/2023

VOA, 8260 LOW MASTER

Log-in Notes:

Sample Notes:

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
75-00-3	Chloroethane	ND		ug/L	0.448	0.500	1	EPA 8260C Certifications:	02/13/2023 12:30	02/14/2023 01:57 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	PD
67-66-3	Chloroform	ND		ug/L	0.243	0.500	1	EPA 8260C Certifications:	02/13/2023 12:30	02/14/2023 01:57 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	PD
74-87-3	Chloromethane	ND		ug/L	0.372	0.500	1	EPA 8260C Certifications:	02/13/2023 12:30	02/14/2023 01:57 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	PD
156-59-2	**cis-1,2-Dichloroethylene**	**7.02**		ug/L	0.294	0.500	1	EPA 8260C Certifications:	02/13/2023 12:30	02/14/2023 01:57 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PA	PD
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.262	0.500	1	EPA 8260C Certifications:	02/13/2023 12:30	02/14/2023 01:57 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	PD
110-82-7	Cyclohexane	ND		ug/L	0.491	0.500	1	EPA 8260C Certifications:	02/13/2023 12:30	02/14/2023 01:57 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	PD
124-48-1	Dibromochloromethane	ND		ug/L	0.146	0.500	1	EPA 8260C Certifications:	02/13/2023 12:30	02/14/2023 01:57 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	PD
74-95-3	Dibromomethane	ND		ug/L	0.203	0.500	1	EPA 8260C Certifications:	02/13/2023 12:30	02/14/2023 01:57 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	PD
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.451	0.500	1	EPA 8260C Certifications:	02/13/2023 12:30	02/14/2023 01:57 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	PD
100-41-4	Ethyl Benzene	ND		ug/L	0.290	0.500	1	EPA 8260C Certifications:	02/13/2023 12:30	02/14/2023 01:57 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	PD
87-68-3	Hexachlorobutadiene	ND		ug/L	0.241	0.500	1	EPA 8260C Certifications:	02/13/2023 12:30	02/14/2023 01:57 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	PD
98-82-8	Isopropylbenzene	ND		ug/L	0.405	0.500	1	EPA 8260C Certifications:	02/13/2023 12:30	02/14/2023 01:57 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	PD
79-20-9	Methyl acetate	ND		ug/L	0.442	0.500	1	EPA 8260C Certifications:	02/13/2023 12:30	02/14/2023 01:57 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	PD
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.244	0.500	1	EPA 8260C Certifications:	02/13/2023 12:30	02/14/2023 01:57 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	PD
108-87-2	Methylcyclohexane	ND		ug/L	0.477	0.500	1	EPA 8260C Certifications:	02/13/2023 12:30	02/14/2023 01:57 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	PD
75-09-2	Methylene chloride	ND		ug/L	0.397	2.00	1	EPA 8260C Certifications:	02/13/2023 12:30	02/14/2023 01:57 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	PD
91-20-3	Naphthalene	ND		ug/L	0.212	2.00	1	EPA 8260C Certifications:	02/13/2023 12:30	02/14/2023 01:57 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	PD
104-51-8	n-Butylbenzene	ND		ug/L	0.399	0.500	1	EPA 8260C Certifications:	02/13/2023 12:30	02/14/2023 01:57 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	PD
103-65-1	n-Propylbenzene	ND		ug/L	0.384	0.500	1	EPA 8260C Certifications:	02/13/2023 12:30	02/14/2023 01:57 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	PD
95-47-6	o-Xylene	ND		ug/L	0.261	0.500	1	EPA 8260C Certifications:	02/13/2023 12:30	02/14/2023 01:57 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP	PD
179601-23-1	p- & m- Xylenes	ND		ug/L	0.578	1.00	1	EPA 8260C Certifications:	02/13/2023 12:30	02/14/2023 01:57 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP	PD
105-05-5	* p-Diethylbenzene	ND		ug/L	0.341	0.500	1	EPA 8260C Certifications:	02/13/2023 12:30	02/14/2023 01:57	PD
622-96-8	* p-Ethyltoluene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	02/13/2023 12:30	02/14/2023 01:57	PD

Sample Information

Client Sample ID: GW-3 **York Sample ID:** 23B0232-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23B0232	B 62nd St	Water	February 2, 2023 11:05 am	02/03/2023

VOA, 8260 LOW MASTER

Log-in Notes:

Sample Notes:

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
99-87-6	p-Isopropyltoluene	ND		ug/L	0.377	0.500	1	EPA 8260C Certifications:	02/13/2023 12:30 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	02/14/2023 01:57	PD
135-98-8	sec-Butylbenzene	ND		ug/L	0.444	0.500	1	EPA 8260C Certifications:	02/13/2023 12:30 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	02/14/2023 01:57	PD
100-42-5	Styrene	ND		ug/L	0.255	0.500	1	EPA 8260C Certifications:	02/13/2023 12:30 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	02/14/2023 01:57	PD
75-65-0	tert-Butyl alcohol (TBA)	ND		ug/L	0.608	1.00	1	EPA 8260C Certifications:	02/13/2023 12:30 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	02/14/2023 01:57	PD
98-06-6	tert-Butylbenzene	ND		ug/L	0.367	0.500	1	EPA 8260C Certifications:	02/13/2023 12:30 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	02/14/2023 01:57	PD
127-18-4	**Tetrachloroethylene**	**24.0**		ug/L	0.239	0.500	1	EPA 8260C Certifications:	02/13/2023 12:30 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PA	02/14/2023 01:57	PD
108-88-3	Toluene	ND		ug/L	0.346	0.500	1	EPA 8260C Certifications:	02/13/2023 12:30 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	02/14/2023 01:57	PD
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.279	0.500	1	EPA 8260C Certifications:	02/13/2023 12:30 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	02/14/2023 01:57	PD
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.229	0.500	1	EPA 8260C Certifications:	02/13/2023 12:30 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	02/14/2023 01:57	PD
79-01-6	**Trichloroethylene**	**2.96**		ug/L	0.249	0.500	1	EPA 8260C Certifications:	02/13/2023 12:30 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PA	02/14/2023 01:57	PD
75-69-4	Trichlorofluoromethane	ND		ug/L	0.337	0.500	1	EPA 8260C Certifications:	02/13/2023 12:30 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	02/14/2023 01:57	PD
75-01-4	Vinyl Chloride	ND		ug/L	0.469	0.500	1	EPA 8260C Certifications:	02/13/2023 12:30 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	02/14/2023 01:57	PD
1330-20-7	Xylenes, Total	ND		ug/L	0.836	1.50	1	EPA 8260C Certifications:	02/13/2023 12:30 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP	02/14/2023 01:57	PD

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: SURR: 1,2-Dichloroethane-d4*	*102 %*	*69-130*
2037-26-5	*Surrogate: SURR: Toluene-d8*	*98.2 %*	*81-117*
460-00-4	*Surrogate: SURR: p-Bromofluorobenzene*	*100 %*	*79-122*

SVOA, 8270 LOW MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
92-52-4	1,1-Biphenyl	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications:	02/07/2023 08:32 NELAC-NY10854,NJDEP,PADEP	02/08/2023 19:12	KH
95-94-3	1,2,4,5-Tetrachlorobenzene	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications:	02/07/2023 08:32 NELAC-NY10854,NJDEP,PADEP	02/08/2023 19:12	KH
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications:	02/07/2023 08:32 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	02/08/2023 19:12	KH
95-50-1	1,2-Dichlorobenzene	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications:	02/07/2023 08:32 NELAC-NY10854,PADEP	02/08/2023 19:12	KH

Sample Information

Client Sample ID: GW-3 **York Sample ID:** 23B0232-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23B0232	B 62nd St	Water	February 2, 2023 11:05 am	02/03/2023

SVOA, 8270 LOW MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
122-66-7	1,2-Diphenylhydrazine (as Azobenzene)	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications:	02/07/2023 08:32 NELAC-NY10854,NJDEP,PADEP	02/08/2023 19:12	KH
541-73-1	1,3-Dichlorobenzene	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications:	02/07/2023 08:32 NELAC-NY10854,PADEP	02/08/2023 19:12	KH
106-46-7	1,4-Dichlorobenzene	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications:	02/07/2023 08:32 NELAC-NY10854,PADEP	02/08/2023 19:12	KH
58-90-2	2,3,4,6-Tetrachlorophenol	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications:	02/07/2023 08:32 NELAC-NY10854,NJDEP,PADEP	02/08/2023 19:12	KH
95-95-4	2,4,5-Trichlorophenol	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications:	02/07/2023 08:32 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	02/08/2023 19:12	KH
88-06-2	2,4,6-Trichlorophenol	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications:	02/07/2023 08:32 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	02/08/2023 19:12	KH
120-83-2	2,4-Dichlorophenol	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications:	02/07/2023 08:32 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	02/08/2023 19:12	KH
105-67-9	2,4-Dimethylphenol	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications:	02/07/2023 08:32 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	02/08/2023 19:12	KH
51-28-5	2,4-Dinitrophenol	ND	CAL-E	ug/L	2.50	5.00	1	EPA 8270D Certifications:	02/07/2023 08:32 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	02/08/2023 19:12	KH
121-14-2	2,4-Dinitrotoluene	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications:	02/07/2023 08:32 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	02/08/2023 19:12	KH
606-20-2	2,6-Dinitrotoluene	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications:	02/07/2023 08:32 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	02/08/2023 19:12	KH
91-58-7	2-Chloronaphthalene	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications:	02/07/2023 08:32 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	02/08/2023 19:12	KH
95-57-8	2-Chlorophenol	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications:	02/07/2023 08:32 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	02/08/2023 19:12	KH
91-57-6	2-Methylnaphthalene	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications:	02/07/2023 08:32 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	02/08/2023 19:12	KH
95-48-7	2-Methylphenol	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications:	02/07/2023 08:32 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	02/08/2023 19:12	KH
88-74-4	2-Nitroaniline	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications:	02/07/2023 08:32 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	02/08/2023 19:12	KH
88-75-5	2-Nitrophenol	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications:	02/07/2023 08:32 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	02/08/2023 19:12	KH
65794-96-9	3- & 4-Methylphenols	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications:	02/07/2023 08:32 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	02/08/2023 19:12	KH
91-94-1	3,3-Dichlorobenzidine	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications:	02/07/2023 08:32 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	02/08/2023 19:12	KH
99-09-2	3-Nitroaniline	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications:	02/07/2023 08:32 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	02/08/2023 19:12	KH
534-52-1	4,6-Dinitro-2-methylphenol	ND	CAL-E	ug/L	2.50	5.00	1	EPA 8270D Certifications:	02/07/2023 08:32 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	02/08/2023 19:12	KH
101-55-3	4-Bromophenyl phenyl ether	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications:	02/07/2023 08:32 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	02/08/2023 19:12	KH
59-50-7	4-Chloro-3-methylphenol	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications:	02/07/2023 08:32 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	02/08/2023 19:12	KH

Sample Information

Client Sample ID: GW-3 **York Sample ID:** 23B0232-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23B0232	B 62nd St	Water	February 2, 2023 11:05 am	02/03/2023

SVOA, 8270 LOW MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
106-47-8	4-Chloroaniline	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications:	02/07/2023 08:32 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	02/08/2023 19:12	KH
7005-72-3	4-Chlorophenyl phenyl ether	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications:	02/07/2023 08:32 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	02/08/2023 19:12	KH
100-01-6	4-Nitroaniline	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications:	02/07/2023 08:32 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	02/08/2023 19:12	KH
100-02-7	4-Nitrophenol	ND		ug/L	5.00	5.00	1	EPA 8270D Certifications:	02/07/2023 08:32 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	02/08/2023 19:12	KH
98-86-2	Acetophenone	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications:	02/07/2023 08:32 NELAC-NY10854,NJDEP,PADEP	02/08/2023 19:12	KH
98-55-5	* Alpha Terpineol	ND		ug/L	5.00	10.0	1	EPA 8270D Certifications:	02/07/2023 08:32 PADEP	02/08/2023 19:12	KH
62-53-3	Aniline	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications:	02/07/2023 08:32 NELAC-NY10854,NJDEP,PADEP	02/08/2023 19:12	KH
100-52-7	Benzaldehyde	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications:	02/07/2023 08:32 NELAC-NY10854,NJDEP,PADEP	02/08/2023 19:12	KH
92-87-5	Benzidine	ND		ug/L	5.00	5.00	1	EPA 8270D Certifications:	02/07/2023 08:32 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	02/08/2023 19:12	KH
65-85-0	Benzoic acid	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications:	02/07/2023 08:32 NELAC-NY10854,NJDEP,PADEP	02/08/2023 19:12	KH
100-51-6	Benzyl alcohol	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications:	02/07/2023 08:32 NELAC-NY10854,NJDEP,PADEP	02/08/2023 19:12	KH
85-68-7	Benzyl butyl phthalate	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications:	02/07/2023 08:32 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	02/08/2023 19:12	KH
111-91-1	Bis(2-chloroethoxy)methane	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications:	02/07/2023 08:32 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	02/08/2023 19:12	KH
111-44-4	Bis(2-chloroethyl)ether	ND		ug/L	1.00	5.00	1	EPA 8270D Certifications:	02/07/2023 08:32 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	02/08/2023 19:12	KH
108-60-1	Bis(2-chloroisopropyl)ether	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications:	02/07/2023 08:32 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	02/08/2023 19:12	KH
105-60-2	Caprolactam	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications:	02/07/2023 08:32 NELAC-NY10854,NJDEP,PADEP	02/08/2023 19:12	KH
86-74-8	Carbazole	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications:	02/07/2023 08:32 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	02/08/2023 19:12	KH
132-64-9	Dibenzofuran	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications:	02/07/2023 08:32 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	02/08/2023 19:12	KH
84-66-2	Diethyl phthalate	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications:	02/07/2023 08:32 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	02/08/2023 19:12	KH
131-11-3	Dimethyl phthalate	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications:	02/07/2023 08:32 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	02/08/2023 19:12	KH
84-74-2	Di-n-butyl phthalate	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications:	02/07/2023 08:32 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	02/08/2023 19:12	KH
117-84-0	Di-n-octyl phthalate	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications:	02/07/2023 08:32 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	02/08/2023 19:12	KH
77-47-4	Hexachlorocyclopentadiene	ND	CCVE	ug/L	5.00	10.0	1	EPA 8270D Certifications:	02/07/2023 08:32 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	02/08/2023 19:12	KH

Sample Information

Client Sample ID: GW-3 **York Sample ID:** 23B0232-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23B0232	B 62nd St	Water	February 2, 2023 11:05 am	02/03/2023

SVOA, 8270 LOW MASTER

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

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
78-59-1	Isophorone	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications:	02/07/2023 08:32 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	02/08/2023 19:12	KH
621-64-7	N-nitroso-di-n-propylamine	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications:	02/07/2023 08:32 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	02/08/2023 19:12	KH
86-30-6	N-Nitrosodiphenylamine	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications:	02/07/2023 08:32 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	02/08/2023 19:12	KH
108-95-2	Phenol	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications:	02/07/2023 08:32 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	02/08/2023 19:12	KH

	Surrogate Recoveries	Result	Acceptance Range
367-12-4	*Surrogate: SURR: 2-Fluorophenol*	*40.7 %*	*15-110*
13127-88-3	*Surrogate: SURR: Phenol-d6*	*27.0 %*	*15-110*
4165-60-0	*Surrogate: SURR: Nitrobenzene-d5*	*85.5 %*	*30-130*
321-60-8	*Surrogate: SURR: 2-Fluorobiphenyl*	*74.5 %*	*30-130*
118-79-6	*Surrogate: SURR: 2,4,6-Tribromophenol*	*76.2 %*	*15-110*
1718-51-0	*Surrogate: SURR: Terphenyl-d14*	*83.6 %*	*30-130*

SVOA, 8270 SIM MASTER

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

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
83-32-9	Acenaphthene	ND	CAL-E	ug/L	0.0500	1	EPA 8270D SIM Certifications:	02/07/2023 08:32 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	02/08/2023 22:41	KH
208-96-8	Acenaphthylene	ND	CAL-E	ug/L	0.0500	1	EPA 8270D SIM Certifications:	02/07/2023 08:32 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	02/08/2023 22:41	KH
120-12-7	Anthracene	ND	CAL-E	ug/L	0.0500	1	EPA 8270D SIM Certifications:	02/07/2023 08:32 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	02/08/2023 22:41	KH
1912-24-9	Atrazine	ND		ug/L	0.500	1	EPA 8270D SIM Certifications:	02/07/2023 08:32 CTDOH-PH-0723,NELAC-NY10854,NJDEP	02/08/2023 22:41	KH
56-55-3	Benzo(a)anthracene	ND	CAL-E	ug/L	0.0500	1	EPA 8270D SIM Certifications:	02/07/2023 08:32 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	02/08/2023 22:41	KH
50-32-8	Benzo(a)pyrene	ND	CAL-E	ug/L	0.0500	1	EPA 8270D SIM Certifications:	02/07/2023 08:32 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	02/08/2023 22:41	KH
205-99-2	Benzo(b)fluoranthene	ND	CAL-E	ug/L	0.0500	1	EPA 8270D SIM Certifications:	02/07/2023 08:32 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	02/08/2023 22:41	KH
191-24-2	Benzo(g,h,i)perylene	ND	CAL-E	ug/L	0.0500	1	EPA 8270D SIM Certifications:	02/07/2023 08:32 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	02/08/2023 22:41	KH
207-08-9	Benzo(k)fluoranthene	ND	CAL-E	ug/L	0.0500	1	EPA 8270D SIM Certifications:	02/07/2023 08:32 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	02/08/2023 22:41	KH
117-81-7	Bis(2-ethylhexyl)phthalate	ND		ug/L	0.500	1	EPA 8270D SIM Certifications:	02/07/2023 08:32 CTDOH-PH-0723,NELAC-NY10854,NJDEP	02/08/2023 22:41	KH
218-01-9	Chrysene	ND	CAL-E	ug/L	0.0500	1	EPA 8270D SIM Certifications:	02/07/2023 08:32 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	02/08/2023 22:41	KH
53-70-3	Dibenzo(a,h)anthracene	ND		ug/L	0.0500	1	EPA 8270D SIM Certifications:	02/07/2023 08:32 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	02/08/2023 22:41	KH

Sample Information

Client Sample ID: GW-3 **York Sample ID:** 23B0232-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23B0232	B 62nd St	Water	February 2, 2023 11:05 am	02/03/2023

SVOA, 8270 SIM MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
206-44-0	Fluoranthene	ND	CAL-E	ug/L	0.0500	1	EPA 8270D SIM Certifications:	02/07/2023 08:32 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	02/08/2023 22:41	KH
86-73-7	Fluorene	ND	CAL-E	ug/L	0.0500	1	EPA 8270D SIM Certifications:	02/07/2023 08:32 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	02/08/2023 22:41	KH
118-74-1	Hexachlorobenzene	ND		ug/L	0.0200	1	EPA 8270D SIM Certifications:	02/07/2023 08:32 CTDOH-PH-0723,NELAC-NY10854,NJDEP	02/08/2023 22:41	KH
87-68-3	Hexachlorobutadiene	ND		ug/L	0.500	1	EPA 8270D SIM Certifications:	02/07/2023 08:32 CTDOH-PH-0723,NELAC-NY10854,NJDEP	02/08/2023 22:41	KH
67-72-1	Hexachloroethane	ND		ug/L	0.500	1	EPA 8270D SIM Certifications:	02/07/2023 08:32 CTDOH-PH-0723,NELAC-NY10854,NJDEP	02/08/2023 22:41	KH
193-39-5	Indeno(1,2,3-cd)pyrene	ND		ug/L	0.0500	1	EPA 8270D SIM Certifications:	02/07/2023 08:32 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	02/08/2023 22:41	KH
91-20-3	Naphthalene	ND	CAL-E	ug/L	0.0500	1	EPA 8270D SIM Certifications:	02/07/2023 08:32 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	02/08/2023 22:41	KH
98-95-3	Nitrobenzene	ND		ug/L	0.250	1	EPA 8270D SIM Certifications:	02/07/2023 08:32 CTDOH-PH-0723,NELAC-NY10854,NJDEP	02/08/2023 22:41	KH
62-75-9	N-Nitrosodimethylamine	ND	QL-02	ug/L	0.500	1	EPA 8270D SIM Certifications:	02/07/2023 08:32 CTDOH-PH-0723,NELAC-NY10854,NJDEP	02/08/2023 22:41	KH
87-86-5	Pentachlorophenol	ND	CCVE	ug/L	0.250	1	EPA 8270D SIM Certifications:	02/07/2023 08:32 CTDOH-PH-0723,NELAC-NY10854,NJDEP	02/08/2023 22:41	KH
85-01-8	Phenanthrene	ND	CAL-E	ug/L	0.0500	1	EPA 8270D SIM Certifications:	02/07/2023 08:32 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	02/08/2023 22:41	KH
129-00-0	Pyrene	ND	CAL-E	ug/L	0.0500	1	EPA 8270D SIM Certifications:	02/07/2023 08:32 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	02/08/2023 22:41	KH

PEST, 8081 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA SW846-3510C Low Level

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
72-54-8	4,4'-DDD	ND		ug/L	0.00410	1	EPA 8081B Certifications:	02/06/2023 08:24 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	02/09/2023 12:38	BJ
72-55-9	4,4'-DDE	ND		ug/L	0.00410	1	EPA 8081B Certifications:	02/06/2023 08:24 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	02/09/2023 12:38	BJ
50-29-3	4,4'-DDT	ND		ug/L	0.00410	1	EPA 8081B Certifications:	02/06/2023 08:24 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	02/09/2023 12:38	BJ
309-00-2	Aldrin	ND		ug/L	0.00410	1	EPA 8081B Certifications:	02/06/2023 08:24 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	02/09/2023 12:38	BJ
319-84-6	alpha-BHC	ND		ug/L	0.00410	1	EPA 8081B Certifications:	02/06/2023 08:24 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	02/09/2023 12:38	BJ
5103-71-9	alpha-Chlordane	ND		ug/L	0.00410	1	EPA 8081B Certifications:	02/06/2023 08:24 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	02/09/2023 12:38	BJ
319-85-7	beta-BHC	ND		ug/L	0.00410	1	EPA 8081B Certifications:	02/06/2023 08:24 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	02/09/2023 12:38	BJ
319-86-8	delta-BHC	ND		ug/L	0.00410	1	EPA 8081B Certifications:	02/06/2023 08:24 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	02/09/2023 12:38	BJ

Sample Information

Client Sample ID: GW-3 **York Sample ID:** 23B0232-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23B0232	B 62nd St	Water	February 2, 2023 11:05 am	02/03/2023

PEST, 8081 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA SW846-3510C Low Level

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
60-57-1	Dieldrin	ND		ug/L	0.00205	1	EPA 8081B Certifications:	02/06/2023 08:24 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	02/09/2023 12:38	BJ
959-98-8	Endosulfan I	ND		ug/L	0.00410	1	EPA 8081B Certifications:	02/06/2023 08:24 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	02/09/2023 12:38	BJ
33213-65-9	Endosulfan II	ND		ug/L	0.00410	1	EPA 8081B Certifications:	02/06/2023 08:24 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	02/09/2023 12:38	BJ
1031-07-8	Endosulfan sulfate	ND		ug/L	0.00410	1	EPA 8081B Certifications:	02/06/2023 08:24 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	02/09/2023 12:38	BJ
72-20-8	Endrin	ND		ug/L	0.00410	1	EPA 8081B Certifications:	02/06/2023 08:24 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	02/09/2023 12:38	BJ
7421-93-4	Endrin aldehyde	ND		ug/L	0.0103	1	EPA 8081B Certifications:	02/06/2023 08:24 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	02/09/2023 12:38	BJ
53494-70-5	Endrin ketone	ND		ug/L	0.0103	1	EPA 8081B Certifications:	02/06/2023 08:24 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	02/09/2023 12:38	BJ
58-89-9	gamma-BHC (Lindane)	ND		ug/L	0.00410	1	EPA 8081B Certifications:	02/06/2023 08:24 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	02/09/2023 12:38	BJ
5566-34-7	gamma-Chlordane	ND		ug/L	0.0103	1	EPA 8081B Certifications:	02/06/2023 08:24 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	02/09/2023 12:38	BJ
76-44-8	Heptachlor	ND		ug/L	0.00410	1	EPA 8081B Certifications:	02/06/2023 08:24 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	02/09/2023 12:38	BJ
1024-57-3	Heptachlor epoxide	ND		ug/L	0.00410	1	EPA 8081B Certifications:	02/06/2023 08:24 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	02/09/2023 12:38	BJ
72-43-5	Methoxychlor	ND		ug/L	0.00410	1	EPA 8081B Certifications:	02/06/2023 08:24 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	02/09/2023 12:38	BJ
8001-35-2	Toxaphene	ND		ug/L	0.103	1	EPA 8081B Certifications:	02/06/2023 08:24 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	02/09/2023 12:38	BJ
12789-03-6	* Chlordane, total	ND		ug/L	0.205	1	EPA 8081B Certifications:	02/06/2023 08:24	02/09/2023 12:38	BJ

	Surrogate Recoveries	Result	Acceptance Range
2051-24-3	*Surrogate: Decachlorobiphenyl*	*61.2 %*	*30-150*
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*90.5 %*	*30-150*

PCB, 8082 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA SW846-3510C Low Level

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
12674-11-2	Aroclor 1016	ND		ug/L	0.0513	1	EPA 8082A Certifications:	02/06/2023 08:24 NELAC-NY10854,CTDOH-PH-0723,NJDEP,PADEP	02/07/2023 05:29	BJ
11104-28-2	Aroclor 1221	ND		ug/L	0.0513	1	EPA 8082A Certifications:	02/06/2023 08:24 NELAC-NY10854,CTDOH-PH-0723,NJDEP,PADEP	02/07/2023 05:29	BJ
11141-16-5	Aroclor 1232	ND		ug/L	0.0513	1	EPA 8082A Certifications:	02/06/2023 08:24 NELAC-NY10854,CTDOH-PH-0723,NJDEP,PADEP	02/07/2023 05:29	BJ
53469-21-9	Aroclor 1242	ND		ug/L	0.0513	1	EPA 8082A Certifications:	02/06/2023 08:24 NELAC-NY10854,CTDOH-PH-0723,NJDEP,PADEP	02/07/2023 05:29	BJ

Sample Information

Client Sample ID: GW-3 **York Sample ID:** 23B0232-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23B0232	B 62nd St	Water	February 2, 2023 11:05 am	02/03/2023

PCB, 8082 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA SW846-3510C Low Level

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
12672-29-6	Aroclor 1248	ND		ug/L	0.0513	1	EPA 8082A Certifications:	02/06/2023 08:24 NELAC-NY10854,CTDOH-PH-0723,NJDEP,PADEP	02/07/2023 05:29	BJ
11097-69-1	Aroclor 1254	ND		ug/L	0.0513	1	EPA 8082A Certifications:	02/06/2023 08:24 NELAC-NY10854,CTDOH-PH-0723,NJDEP,PADEP	02/07/2023 05:29	BJ
11096-82-5	Aroclor 1260	ND		ug/L	0.0513	1	EPA 8082A Certifications:	02/06/2023 08:24 NELAC-NY10854,CTDOH-PH-0723,NJDEP,PADEP	02/07/2023 05:29	BJ
37324-23-5	Aroclor 1262	ND		ug/L	0.0513	1	EPA 8082A Certifications:	02/06/2023 08:24 NELAC-NY10854,NJDEP,PADEP	02/07/2023 05:29	BJ
11100-14-4	Aroclor 1268	ND		ug/L	0.0513	1	EPA 8082A Certifications:	02/06/2023 08:24 NELAC-NY10854,NJDEP,PADEP	02/07/2023 05:29	BJ
1336-36-3	* Total PCBs	ND		ug/L	0.0513	1	EPA 8082A Certifications:	02/06/2023 08:24	02/07/2023 05:29	BJ

	Surrogate Recoveries	Result	Acceptance Range
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*100 %*	*30-120*
2051-24-3	*Surrogate: Decachlorobiphenyl*	*73.5 %*	*30-120*

Metals, Target Analyte, ICP

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3015A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7429-90-5	**Aluminum**	**0.398**		mg/L	0.0556	1	EPA 6010D Certifications:	02/07/2023 09:17 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	02/07/2023 20:40	CW
7440-39-3	**Barium**	**0.127**		mg/L	0.0278	1	EPA 6010D Certifications:	02/07/2023 09:17 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	02/07/2023 20:40	CW
7440-70-2	**Calcium**	**370**		mg/L	0.0556	1	EPA 6010D Certifications:	02/07/2023 09:17 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	02/07/2023 20:40	CW
7440-47-3	Chromium	ND		mg/L	0.00556	1	EPA 6010D Certifications:	02/07/2023 09:17 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	02/07/2023 20:40	CW
7440-48-4	Cobalt	ND		mg/L	0.00444	1	EPA 6010D Certifications:	02/07/2023 09:17 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	02/07/2023 20:40	CW
7440-50-8	**Copper**	**0.198**		mg/L	0.0222	1	EPA 6010D Certifications:	02/07/2023 09:17 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	02/07/2023 20:40	CW
7439-89-6	**Iron**	**7.35**		mg/L	0.278	1	EPA 6010D Certifications:	02/07/2023 09:17 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	02/07/2023 20:40	CW
7439-92-1	**Lead**	**0.158**		mg/L	0.00556	1	EPA 6010D Certifications:	02/07/2023 09:17 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	02/07/2023 20:40	CW
7439-95-4	**Magnesium**	**829**		mg/L	0.0556	1	EPA 6010D Certifications:	02/07/2023 09:17 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	02/07/2023 20:40	CW
7439-96-5	**Manganese**	**0.411**		mg/L	0.00556	1	EPA 6010D Certifications:	02/07/2023 09:17 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	02/07/2023 20:40	CW
7440-02-0	**Nickel**	**0.0414**		mg/L	0.0111	1	EPA 6010D Certifications:	02/07/2023 09:17 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	02/07/2023 20:40	CW
7440-09-7	**Potassium**	**256**	B	mg/L	0.556	10	EPA 6010D Certifications:	02/07/2023 09:17 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	02/08/2023 11:59	CW

Sample Information

Client Sample ID: GW-3 **York Sample ID:** 23B0232-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23B0232	B 62nd St	Water	February 2, 2023 11:05 am	02/03/2023

Metals, Target Analyte, ICP

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3015A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-22-4	Silver	ND	M-CCV 1	mg/L	0.00556	1	EPA 6010D	02/07/2023 09:17	02/07/2023 20:40	CW
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7440-23-5	**Sodium**	**7180**		mg/L	5.56	10	EPA 6010D	02/07/2023 09:17	02/08/2023 11:59	CW
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7440-62-2	Vanadium	ND		mg/L	0.0111	1	EPA 6010D	02/07/2023 09:17	02/07/2023 20:40	CW
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7440-66-6	**Zinc**	**1.12**		mg/L	0.0278	1	EPA 6010D	02/07/2023 09:17	02/07/2023 20:40	CW
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		

Metals, Target Analyte, ICP Dissolved

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3015A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7429-90-5	**Aluminum**	**0.322**		mg/L	0.0556	1	EPA 6010D	02/06/2023 07:50	02/08/2023 13:59	CW
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7440-39-3	**Barium**	**0.0599**		mg/L	0.0278	1	EPA 6010D	02/06/2023 07:50	02/08/2023 13:59	CW
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7440-70-2	**Calcium**	**351**		mg/L	0.0556	1	EPA 6010D	02/06/2023 07:50	02/08/2023 13:59	CW
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7440-47-3	Chromium	ND		mg/L	0.00556	1	EPA 6010D	02/06/2023 07:50	02/08/2023 13:59	CW
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7440-48-4	Cobalt	ND		mg/L	0.00444	1	EPA 6010D	02/06/2023 07:50	02/08/2023 13:59	CW
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7440-50-8	**Copper**	**0.186**		mg/L	0.0222	1	EPA 6010D	02/06/2023 07:50	02/08/2023 13:59	CW
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7439-89-6	**Iron**	**6.34**		mg/L	0.278	1	EPA 6010D	02/06/2023 07:50	02/08/2023 13:59	CW
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7439-92-1	**Lead**	**0.151**		mg/L	0.00556	1	EPA 6010D	02/06/2023 07:50	02/08/2023 13:59	CW
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7439-95-4	**Magnesium**	**857**		mg/L	0.0556	1	EPA 6010D	02/06/2023 07:50	02/08/2023 13:59	CW
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7439-96-5	**Manganese**	**0.414**		mg/L	0.00556	1	EPA 6010D	02/06/2023 07:50	02/08/2023 13:59	CW
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7440-02-0	**Nickel**	**0.0387**		mg/L	0.0111	1	EPA 6010D	02/06/2023 07:50	02/08/2023 13:59	CW
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7440-09-7	**Potassium**	**276**		mg/L	0.0556	1	EPA 6010D	02/06/2023 07:50	02/08/2023 13:59	CW
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7440-22-4	**Silver**	**0.00574**		mg/L	0.00556	1	EPA 6010D	02/06/2023 07:50	02/08/2023 13:59	CW
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7440-23-5	**Sodium**	**6840**		mg/L	5.56	10	EPA 6010D	02/06/2023 07:50	02/08/2023 19:40	CW
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7440-62-2	Vanadium	ND		mg/L	0.0111	1	EPA 6010D	02/06/2023 07:50	02/08/2023 13:59	CW
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7440-66-6	**Zinc**	**1.11**		mg/L	0.0278	1	EPA 6010D	02/06/2023 07:50	02/08/2023 13:59	CW
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		

Sample Information

Client Sample ID: GW-3 **York Sample ID:** 23B0232-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23B0232	B 62nd St	Water	February 2, 2023 11:05 am	02/03/2023

Metals, Target Analyte, ICPMS

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3015A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-36-0	**Antimony**	**0.00398**		mg/L	0.00111	1	EPA 6020B	02/13/2023 12:15	02/14/2023 14:55	AJL
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7440-38-2	**Arsenic**	**0.00309**		mg/L	0.00111	1	EPA 6020B	02/13/2023 12:15	02/14/2023 14:55	AJL
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7440-41-7	Beryllium	ND		mg/L	0.000333	1	EPA 6020B	02/13/2023 12:15	02/14/2023 14:55	AJL
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7440-43-9	**Cadmium**	**0.00252**		mg/L	0.000556	1	EPA 6020B	02/13/2023 12:15	02/14/2023 14:55	AJL
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7782-49-2	Selenium	ND		mg/L	0.00111	1	EPA 6020B	02/13/2023 12:15	02/14/2023 14:55	AJL
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7440-28-0	Thallium	ND		mg/L	0.00111	1	EPA 6020B	02/13/2023 12:15	02/14/2023 14:55	AJL
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		

Metals, Target Analyte, ICPMS Dissolved

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3015A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-36-0	Antimony	ND		mg/L	0.00111	1	EPA 6020B	02/10/2023 10:16	02/14/2023 13:09	AJL
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7440-38-2	Arsenic	ND		mg/L	0.00111	1	EPA 6020B	02/10/2023 10:16	02/14/2023 13:09	AJL
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7440-41-7	Beryllium	ND		mg/L	0.000333	1	EPA 6020B	02/10/2023 10:16	02/14/2023 13:09	AJL
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7440-43-9	Cadmium	ND		mg/L	0.000556	1	EPA 6020B	02/10/2023 10:16	02/14/2023 13:09	AJL
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7782-49-2	Selenium	ND		mg/L	0.00111	1	EPA 6020B	02/10/2023 10:16	02/14/2023 13:09	AJL
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7440-28-0	Thallium	ND		mg/L	0.00111	1	EPA 6020B	02/10/2023 10:16	02/14/2023 13:09	AJL
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		

Mercury by 7470/7471

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA SW846-7470A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	Mercury	ND		mg/L	0.0002	1	EPA 7470	02/07/2023 08:10	02/07/2023 08:10	MR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		

Mercury, Dissolved

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA SW846-7470A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	Mercury	ND		mg/L	0.0002	1	EPA 7470	02/13/2023 08:30	02/13/2023 08:30	AD
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		

Analytical Batch Summary

Batch ID: BB30255 **Preparation Method:** EPA 3015A **Prepared By:** MCS

YORK Sample ID	Client Sample ID	Preparation Date
23B0232-01	GW-1	02/06/23
23B0232-02	GW-2	02/06/23
23B0232-03	GW-3	02/06/23
23B0232-03RE2	GW-3	02/06/23
BB30255-BLK1	Blank	02/06/23
BB30255-BS1	LCS	02/06/23
BB30255-DUP1	Duplicate	02/06/23
BB30255-MS1	Matrix Spike	02/06/23
BB30255-PS1	Post Spike	02/06/23

Batch ID: BB30260 **Preparation Method:** EPA SW846-3510C Low Level **Prepared By:** AAL

YORK Sample ID	Client Sample ID	Preparation Date
23B0232-01	GW-1	02/06/23
23B0232-01	GW-1	02/06/23
23B0232-02	GW-2	02/06/23
23B0232-02	GW-2	02/06/23
23B0232-03	GW-3	02/06/23
23B0232-03	GW-3	02/06/23
BB30260-BLK1	Blank	02/06/23
BB30260-BLK2	Blank	02/06/23
BB30260-BS1	LCS	02/06/23
BB30260-BS2	LCS	02/06/23
BB30260-BSD2	LCS Dup	02/06/23

Batch ID: BB30340 **Preparation Method:** EPA SW846-7470A **Prepared By:** AD

YORK Sample ID	Client Sample ID	Preparation Date
23B0232-01	GW-1	02/07/23
23B0232-02	GW-2	02/07/23
23B0232-03	GW-3	02/07/23
BB30340-BLK1	Blank	02/07/23
BB30340-BS1	LCS	02/07/23
BB30340-DUP1	Duplicate	02/07/23
BB30340-MS1	Matrix Spike	02/07/23

Batch ID: BB30350 **Preparation Method:** EPA 3510C **Prepared By:** RST

YORK Sample ID	Client Sample ID	Preparation Date
23B0232-01	GW-1	02/07/23
23B0232-02	GW-2	02/07/23
23B0232-03	GW-3	02/07/23
BB30350-BLK1	Blank	02/07/23
BB30350-BLK2	Blank	02/07/23

BB30350-BS1	LCS	02/07/23
BB30350-BS2	LCS	02/07/23
BB30350-BSD1	LCS Dup	02/07/23

Batch ID: BB30359 **Preparation Method:** EPA 3015A **Prepared By:** MCS

YORK Sample ID	Client Sample ID	Preparation Date
23B0232-01	GW-1	02/07/23
23B0232-02	GW-2	02/07/23
23B0232-03	GW-3	02/07/23
23B0232-03RE1	GW-3	02/07/23
BB30359-BLK1	Blank	02/07/23
BB30359-BS1	LCS	02/07/23
BB30359-DUP1	Duplicate	02/07/23
BB30359-MS1	Matrix Spike	02/07/23
BB30359-PS1	Post Spike	02/07/23

Batch ID: BB30591 **Preparation Method:** EPA 3015A **Prepared By:** MCS

YORK Sample ID	Client Sample ID	Preparation Date
23B0232-01	GW-1	02/10/23
BB30591-BLK1	Blank	02/10/23
BB30591-BS1	LCS	02/10/23
BB30591-DUP1	Duplicate	02/10/23
BB30591-MS1	Matrix Spike	02/10/23

Batch ID: BB30614 **Preparation Method:** EPA 3015A **Prepared By:** MCS

YORK Sample ID	Client Sample ID	Preparation Date
23B0232-01	GW-1	02/10/23
23B0232-02	GW-2	02/10/23
23B0232-03	GW-3	02/10/23
BB30614-BLK1	Blank	02/10/23
BB30614-BLK2	Blank	02/10/23
BB30614-BS1	LCS	02/10/23
BB30614-BS2	LCS	02/10/23
BB30614-DUP1	Duplicate	02/10/23
BB30614-MS1	Matrix Spike	02/10/23

Batch ID: BB30680 **Preparation Method:** EPA SW846-7470A **Prepared By:** AD

YORK Sample ID	Client Sample ID	Preparation Date
23B0232-01	GW-1	02/13/23
23B0232-02	GW-2	02/13/23
23B0232-03	GW-3	02/13/23
BB30680-BLK1	Blank	02/13/23
BB30680-BS1	LCS	02/13/23
BB30680-DUP1	Duplicate	02/13/23
BB30680-MS1	Matrix Spike	02/13/23

Batch ID: BB30716 **Preparation Method:** EPA 3015A **Prepared By:** MCS

YORK Sample ID	Client Sample ID	Preparation Date
23B0232-02	GW-2	02/13/23
23B0232-03	GW-3	02/13/23
BB30716-BLK2	Blank	02/13/23
BB30716-BS2	LCS	02/13/23
BB30716-DUP1	Duplicate	02/13/23
BB30716-MS1	Matrix Spike	02/13/23

Batch ID: BB30753 **Preparation Method:** EPA 5030B **Prepared By:** SMA

YORK Sample ID	Client Sample ID	Preparation Date
23B0232-01	GW-1	02/13/23
23B0232-02	GW-2	02/13/23
23B0232-03	GW-3	02/13/23
BB30753-BLK1	Blank	02/13/23
BB30753-BS1	LCS	02/13/23
BB30753-BSD1	LCS Dup	02/13/23

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BB30753 - EPA 5030B											
Blank (BB30753-BLK1)									Prepared & Analyzed: 02/13/2023		
1,1,1,2-Tetrachloroethane	ND	0.500	ug/L								
1,1,1-Trichloroethane	ND	0.500	"								
1,1,2,2-Tetrachloroethane	ND	0.500	"								
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	0.500	"								
1,1,2-Trichloroethane	ND	0.500	"								
1,1-Dichloroethane	ND	0.500	"								
1,1-Dichloroethylene	ND	0.500	"								
1,2,3-Trichlorobenzene	ND	0.500	"								
1,2,3-Trichloropropane	ND	0.500	"								
1,2,4-Trichlorobenzene	ND	0.500	"								
1,2,4-Trimethylbenzene	ND	0.500	"								
1,2-Dibromo-3-chloropropane	ND	0.500	"								
1,2-Dibromoethane	ND	0.500	"								
1,2-Dichlorobenzene	ND	0.500	"								
1,2-Dichloroethane	ND	0.500	"								
1,2-Dichloropropane	ND	0.500	"								
1,3,5-Trimethylbenzene	ND	0.500	"								
1,3-Dichlorobenzene	ND	0.500	"								
1,3-Dichloropropane	ND	0.500	"								
1,4-Dichlorobenzene	ND	0.500	"								
1,4-Dioxane	ND	80.0	"								
2-Butanone	ND	0.500	"								
2-Hexanone	ND	0.500	"								
4-Methyl-2-pentanone	ND	0.500	"								
Acetone	ND	2.00	"								
Acrolein	ND	0.500	"								
Acrylonitrile	ND	0.500	"								
Benzene	ND	0.500	"								
Bromochloromethane	ND	0.500	"								
Bromodichloromethane	ND	0.500	"								
Bromoform	ND	0.500	"								
Bromomethane	ND	0.500	"								
Carbon disulfide	ND	0.500	"								
Carbon tetrachloride	ND	0.500	"								
Chlorobenzene	ND	0.500	"								
Chloroethane	ND	0.500	"								
Chloroform	ND	0.500	"								
Chloromethane	ND	0.500	"								
cis-1,2-Dichloroethylene	ND	0.500	"								
cis-1,3-Dichloropropylene	ND	0.500	"								
Cyclohexane	ND	0.500	"								
Dibromochloromethane	ND	0.500	"								
Dibromomethane	ND	0.500	"								
Dichlorodifluoromethane	ND	0.500	"								
Ethyl Benzene	ND	0.500	"								
Hexachlorobutadiene	ND	0.500	"								
Isopropylbenzene	ND	0.500	"								
Methyl acetate	ND	0.500	"								
Methyl tert-butyl ether (MTBE)	ND	0.500	"								

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BB30753 - EPA 5030B											
Blank (BB30753-BLK1)										Prepared & Analyzed: 02/13/2023	
Methylcyclohexane	ND	0.500	ug/L								
Methylene chloride	0.800	2.00	"								
Naphthalene	ND	2.00	"								
n-Butylbenzene	ND	0.500	"								
n-Propylbenzene	ND	0.500	"								
o-Xylene	ND	0.500	"								
p- & m- Xylenes	ND	1.00	"								
p-Diethylbenzene	ND	0.500	"								
p-Ethyltoluene	ND	0.500	"								
p-Isopropyltoluene	ND	0.500	"								
sec-Butylbenzene	ND	0.500	"								
Styrene	ND	0.500	"								
tert-Butyl alcohol (TBA)	ND	1.00	"								
tert-Butylbenzene	ND	0.500	"								
Tetrachloroethylene	ND	0.500	"								
Toluene	ND	0.500	"								
trans-1,2-Dichloroethylene	ND	0.500	"								
trans-1,3-Dichloropropylene	ND	0.500	"								
Trichloroethylene	ND	0.500	"								
Trichlorofluoromethane	ND	0.500	"								
Vinyl Chloride	ND	0.500	"								
Xylenes, Total	ND	1.50	"								
Surrogate: SURR: 1,2-Dichloroethane-d4	*9.83*		*"*	*10.0*		*98.3*	*69-130*				
Surrogate: SURR: Toluene-d8	*10.0*		*"*	*10.0*		*100*	*81-117*				
Surrogate: SURR: p-Bromofluorobenzene	*10.4*		*"*	*10.0*		*104*	*79-122*				
LCS (BB30753-BS1)										Prepared & Analyzed: 02/13/2023	
1,1,1,2-Tetrachloroethane	9.22		ug/L	10.0		92.2	82-126				
1,1,1-Trichloroethane	9.14		"	10.0		91.4	78-136				
1,1,2,2-Tetrachloroethane	9.94		"	10.0		99.4	76-129				
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	9.44		"	10.0		94.4	54-165				
1,1,2-Trichloroethane	8.50		"	10.0		85.0	82-123				
1,1-Dichloroethane	8.85		"	10.0		88.5	82-129				
1,1-Dichloroethylene	9.40		"	10.0		94.0	68-138				
1,2,3-Trichlorobenzene	8.06		"	10.0		80.6	76-136				
1,2,3-Trichloropropane	8.65		"	10.0		86.5	77-128				
1,2,4-Trichlorobenzene	8.31		"	10.0		83.1	76-137				
1,2,4-Trimethylbenzene	9.05		"	10.0		90.5	82-132				
1,2-Dibromo-3-chloropropane	8.10		"	10.0		81.0	45-147				
1,2-Dibromoethane	8.87		"	10.0		88.7	83-124				
1,2-Dichlorobenzene	8.94		"	10.0		89.4	79-123				
1,2-Dichloroethane	9.06		"	10.0		90.6	73-132				
1,2-Dichloropropane	9.13		"	10.0		91.3	78-126				
1,3,5-Trimethylbenzene	8.97		"	10.0		89.7	80-131				
1,3-Dichlorobenzene	8.85		"	10.0		88.5	86-122				
1,3-Dichloropropane	8.80		"	10.0		88.0	81-125				
1,4-Dichlorobenzene	8.73		"	10.0		87.3	85-124				
1,4-Dioxane	157		"	210		75.0	10-349				
2-Butanone	6.88		"	10.0		68.8	49-152				
2-Hexanone	6.74		"	10.0		67.4	51-146				

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BB30753 - EPA 5030B											
LCS (BB30753-BS1)								Prepared & Analyzed: 02/13/2023			
4-Methyl-2-pentanone	6.23		ug/L	10.0		62.3	57-145				
Acetone	4.03		"	10.0		40.3	14-150				
Acrolein	16.8		"	10.0		168	10-153	High Bias			
Acrylonitrile	8.89		"	10.0		88.9	51-150				
Benzene	9.32		"	10.0		93.2	85-126				
Bromochloromethane	8.89		"	10.0		88.9	77-128				
Bromodichloromethane	8.88		"	10.0		88.8	79-128				
Bromoform	8.85		"	10.0		88.5	78-133				
Bromomethane	10.2		"	10.0		102	43-168				
Carbon disulfide	9.48		"	10.0		94.8	68-146				
Carbon tetrachloride	9.22		"	10.0		92.2	77-141				
Chlorobenzene	9.69		"	10.0		96.9	88-120				
Chloroethane	9.96		"	10.0		99.6	65-136				
Chloroform	9.08		"	10.0		90.8	82-128				
Chloromethane	9.37		"	10.0		93.7	43-155				
cis-1,2-Dichloroethylene	9.03		"	10.0		90.3	83-129				
cis-1,3-Dichloropropylene	8.82		"	10.0		88.2	80-131				
Cyclohexane	9.00		"	10.0		90.0	63-149				
Dibromochloromethane	8.84		"	10.0		88.4	80-130				
Dibromomethane	8.44		"	10.0		84.4	72-134				
Dichlorodifluoromethane	9.68		"	10.0		96.8	44-144				
Ethyl Benzene	9.20		"	10.0		92.0	80-131				
Hexachlorobutadiene	8.37		"	10.0		83.7	67-146				
Isopropylbenzene	9.39		"	10.0		93.9	76-140				
Methyl acetate	7.91		"	10.0		79.1	51-139				
Methyl tert-butyl ether (MTBE)	8.62		"	10.0		86.2	76-135				
Methylcyclohexane	8.59		"	10.0		85.9	72-143				
Methylene chloride	10.8		"	10.0		108	55-137				
Naphthalene	7.84		"	10.0		78.4	70-147				
n-Butylbenzene	8.73		"	10.0		87.3	79-132				
n-Propylbenzene	9.23		"	10.0		92.3	78-133				
o-Xylene	9.26		"	10.0		92.6	78-130				
p- & m- Xylenes	18.3		"	20.0		91.4	77-133				
p-Diethylbenzene	8.72		"	10.0		87.2	84-134				
p-Ethyltoluene	9.17		"	10.0		91.7	88-129				
p-Isopropyltoluene	8.98		"	10.0		89.8	81-136				
sec-Butylbenzene	9.11		"	10.0		91.1	79-137				
Styrene	9.41		"	10.0		94.1	67-132				
tert-Butyl alcohol (TBA)	39.4		"	50.0		78.9	25-162				
tert-Butylbenzene	9.17		"	10.0		91.7	77-138				
Tetrachloroethylene	4.77		"	10.0		47.7	82-131	Low Bias			
Toluene	9.24		"	10.0		92.4	80-127				
trans-1,2-Dichloroethylene	9.19		"	10.0		91.9	80-132				
trans-1,3-Dichloropropylene	8.64		"	10.0		86.4	78-131				
Trichloroethylene	8.24		"	10.0		82.4	82-128				
Trichlorofluoromethane	9.45		"	10.0		94.5	67-139				
Vinyl Chloride	10.3		"	10.0		103	58-145				
Surrogate: SURR: 1,2-Dichloroethane-d4	*9.87*		*"*	*10.0*		*98.7*	*69-130*				
Surrogate: SURR: Toluene-d8	*10.0*		*"*	*10.0*		*100*	*81-117*				
Surrogate: SURR: p-Bromofluorobenzene	*9.98*		*"*	*10.0*		*99.8*	*79-122*				

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BB30753 - EPA 5030B											
LCS Dup (BB30753-BSD1)								Prepared & Analyzed: 02/13/2023			
1,1,1,2-Tetrachloroethane	8.68		ug/L	10.0		86.8	82-126		6.03	30	
1,1,1-Trichloroethane	8.70		"	10.0		87.0	78-136		4.93	30	
1,1,2,2-Tetrachloroethane	9.68		"	10.0		96.8	76-129		2.65	30	
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	8.89		"	10.0		88.9	54-165		6.00	30	
1,1,2-Trichloroethane	8.33		"	10.0		83.3	82-123		2.02	30	
1,1-Dichloroethane	8.31		"	10.0		83.1	82-129		6.29	30	
1,1-Dichloroethylene	8.67		"	10.0		86.7	68-138		8.08	30	
1,2,3-Trichlorobenzene	7.67		"	10.0		76.7	76-136		4.96	30	
1,2,3-Trichloropropane	8.33		"	10.0		83.3	77-128		3.77	30	
1,2,4-Trichlorobenzene	7.98		"	10.0		79.8	76-137		4.05	30	
1,2,4-Trimethylbenzene	8.56		"	10.0		85.6	82-132		5.57	30	
1,2-Dibromo-3-chloropropane	8.00		"	10.0		80.0	45-147		1.24	30	
1,2-Dibromoethane	8.37		"	10.0		83.7	83-124		5.80	30	
1,2-Dichlorobenzene	8.47		"	10.0		84.7	79-123		5.40	30	
1,2-Dichloroethane	8.68		"	10.0		86.8	73-132		4.28	30	
1,2-Dichloropropane	8.59		"	10.0		85.9	78-126		6.09	30	
1,3,5-Trimethylbenzene	8.56		"	10.0		85.6	80-131		4.68	30	
1,3-Dichlorobenzene	8.46		"	10.0		84.6	86-122	Low Bias	4.51	30	
1,3-Dichloropropane	8.37		"	10.0		83.7	81-125		5.01	30	
1,4-Dichlorobenzene	8.35		"	10.0		83.5	85-124	Low Bias	4.45	30	
1,4-Dioxane	138		"	210		65.8	10-349		13.0	30	
2-Butanone	6.90		"	10.0		69.0	49-152		0.290	30	
2-Hexanone	6.14		"	10.0		61.4	51-146		9.32	30	
4-Methyl-2-pentanone	6.18		"	10.0		61.8	57-145		0.806	30	
Acetone	3.96		"	10.0		39.6	14-150		1.75	30	
Acrolein	17.7		"	10.0		177	10-153	High Bias	4.99	30	
Acrylonitrile	7.98		"	10.0		79.8	51-150		10.8	30	
Benzene	8.76		"	10.0		87.6	85-126		6.19	30	
Bromochloromethane	8.58		"	10.0		85.8	77-128		3.55	30	
Bromodichloromethane	8.36		"	10.0		83.6	79-128		6.03	30	
Bromoform	8.45		"	10.0		84.5	78-133		4.62	30	
Bromomethane	9.47		"	10.0		94.7	43-168		6.93	30	
Carbon disulfide	8.75		"	10.0		87.5	68-146		8.01	30	
Carbon tetrachloride	8.52		"	10.0		85.2	77-141		7.89	30	
Chlorobenzene	9.08		"	10.0		90.8	88-120		6.50	30	
Chloroethane	9.56		"	10.0		95.6	65-136		4.10	30	
Chloroform	8.62		"	10.0		86.2	82-128		5.20	30	
Chloromethane	8.75		"	10.0		87.5	43-155		6.84	30	
cis-1,2-Dichloroethylene	8.49		"	10.0		84.9	83-129		6.16	30	
cis-1,3-Dichloropropylene	8.42		"	10.0		84.2	80-131		4.64	30	
Cyclohexane	8.37		"	10.0		83.7	63-149		7.25	30	
Dibromochloromethane	8.30		"	10.0		83.0	80-130		6.30	30	
Dibromomethane	7.95		"	10.0		79.5	72-134		5.98	30	
Dichlorodifluoromethane	8.97		"	10.0		89.7	44-144		7.61	30	
Ethyl Benzene	8.62		"	10.0		86.2	80-131		6.51	30	
Hexachlorobutadiene	7.93		"	10.0		79.3	67-146		5.40	30	
Isopropylbenzene	8.90		"	10.0		89.0	76-140		5.36	30	
Methyl acetate	7.90		"	10.0		79.0	51-139		0.126	30	
Methyl tert-butyl ether (MTBE)	8.28		"	10.0		82.8	76-135		4.02	30	
Methylcyclohexane	8.12		"	10.0		81.2	72-143		5.63	30	

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BB30753 - EPA 5030B											
LCS Dup (BB30753-BSD1)								Prepared & Analyzed: 02/13/2023			
Methylene chloride	10.8		ug/L	10.0		108	55-137		0.462	30	
Naphthalene	7.63		"	10.0		76.3	70-147		2.71	30	
n-Butylbenzene	8.22		"	10.0		82.2	79-132		6.02	30	
n-Propylbenzene	8.72		"	10.0		87.2	78-133		5.68	30	
o-Xylene	8.66		"	10.0		86.6	78-130		6.70	30	
p- & m- Xylenes	17.1		"	20.0		85.7	77-133		6.44	30	
p-Diethylbenzene	8.20		"	10.0		82.0	84-134	Low Bias	6.15	30	
p-Ethyltoluene	8.72		"	10.0		87.2	88-129	Low Bias	5.03	30	
p-Isopropyltoluene	8.44		"	10.0		84.4	81-136		6.20	30	
sec-Butylbenzene	8.65		"	10.0		86.5	79-137		5.18	30	
Styrene	8.87		"	10.0		88.7	67-132		5.91	30	
tert-Butyl alcohol (TBA)	39.3		"	50.0		78.5	25-162		0.457	30	
tert-Butylbenzene	8.71		"	10.0		87.1	77-138		5.15	30	
Tetrachloroethylene	4.46		"	10.0		44.6	82-131	Low Bias	6.72	30	
Toluene	8.66		"	10.0		86.6	80-127		6.48	30	
trans-1,2-Dichloroethylene	8.78		"	10.0		87.8	80-132		4.56	30	
trans-1,3-Dichloropropylene	8.27		"	10.0		82.7	78-131		4.38	30	
Trichloroethylene	7.81		"	10.0		78.1	82-128	Low Bias	5.36	30	
Trichlorofluoromethane	8.85		"	10.0		88.5	67-139		6.56	30	
Vinyl Chloride	9.45		"	10.0		94.5	58-145		8.70	30	
Surrogate: SURR: 1,2-Dichloroethane-d4	*9.76*		*"*	*10.0*		*97.6*	*69-130*				
Surrogate: SURR: Toluene-d8	*9.91*		*"*	*10.0*		*99.1*	*81-117*				
Surrogate: SURR: p-Bromofluorobenzene	*10.0*		*"*	*10.0*		*100*	*79-122*				

Semivolatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BB30350 - EPA 3510C											
Blank (BB30350-BLK1)											
Prepared: 02/07/2023 Analyzed: 02/08/2023											
1,1-Biphenyl	ND	5.00	ug/L								
1,2,4,5-Tetrachlorobenzene	ND	5.00	"								
1,2,4-Trichlorobenzene	ND	5.00	"								
1,2-Dichlorobenzene	ND	5.00	"								
1,2-Diphenylhydrazine (as Azobenzene)	ND	5.00	"								
1,3-Dichlorobenzene	ND	5.00	"								
1,4-Dichlorobenzene	ND	5.00	"								
2,3,4,6-Tetrachlorophenol	ND	5.00	"								
2,4,5-Trichlorophenol	ND	5.00	"								
2,4,6-Trichlorophenol	ND	5.00	"								
2,4-Dichlorophenol	ND	5.00	"								
2,4-Dimethylphenol	ND	5.00	"								
2,4-Dinitrophenol	ND	5.00	"								
2,4-Dinitrotoluene	ND	5.00	"								
2,6-Dinitrotoluene	ND	5.00	"								
2-Chloronaphthalene	ND	5.00	"								
2-Chlorophenol	ND	5.00	"								
2-Methylnaphthalene	ND	5.00	"								
2-Methylphenol	ND	5.00	"								
2-Nitroaniline	ND	5.00	"								
2-Nitrophenol	ND	5.00	"								
3- & 4-Methylphenols	ND	5.00	"								
3,3-Dichlorobenzidine	ND	5.00	"								
3-Nitroaniline	ND	5.00	"								
4,6-Dinitro-2-methylphenol	ND	5.00	"								
4-Bromophenyl phenyl ether	ND	5.00	"								
4-Chloro-3-methylphenol	ND	5.00	"								
4-Chloroaniline	ND	5.00	"								
4-Chlorophenyl phenyl ether	ND	5.00	"								
4-Nitroaniline	ND	5.00	"								
4-Nitrophenol	ND	5.00	"								
Acetophenone	ND	5.00	"								
Alpha Terpineol	ND	10.0	"								
Aniline	ND	5.00	"								
Benzaldehyde	ND	5.00	"								
Benzidine	ND	5.00	"								
Benzoic acid	ND	5.00	"								
Benzyl alcohol	ND	5.00	"								
Benzyl butyl phthalate	ND	5.00	"								
Bis(2-chloroethoxy)methane	ND	5.00	"								
Bis(2-chloroethyl)ether	ND	5.00	"								
Bis(2-chloroisopropyl)ether	ND	5.00	"								
Caprolactam	ND	5.00	"								
Carbazole	ND	5.00	"								
Dibenzofuran	ND	5.00	"								
Diethyl phthalate	ND	5.00	"								
Dimethyl phthalate	ND	5.00	"								
Di-n-butyl phthalate	ND	5.00	"								
Di-n-octyl phthalate	ND	5.00	"								
Hexachlorocyclopentadiene	ND	10.0	"								
Isophorone	ND	5.00	"								

Semivolatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BB30350 - EPA 3510C											
Blank (BB30350-BLK1)											Prepared: 02/07/2023 Analyzed: 02/08/2023
N-nitroso-di-n-propylamine	ND	5.00	ug/L								
N-Nitrosodiphenylamine	ND	5.00	"								
Phenol	ND	5.00	"								
Surrogate: SURR: 2-Fluorophenol	*26.6*		*"*	*50.0*		*53.1*	*15-110*				
Surrogate: SURR: Phenol-d6	*16.0*		*"*	*50.0*		*32.0*	*15-110*				
Surrogate: SURR: Nitrobenzene-d5	*29.8*		*"*	*25.0*		*119*	*30-130*				
Surrogate: SURR: 2-Fluorobiphenyl	*26.7*		*"*	*25.0*		*107*	*30-130*				
Surrogate: SURR: 2,4,6-Tribromophenol	*62.4*		*"*	*50.0*		*125*	*15-110*				
Surrogate: SURR: Terphenyl-d14	*31.4*		*"*	*25.0*		*125*	*30-130*				
Blank (BB30350-BLK2)											Prepared: 02/07/2023 Analyzed: 02/08/2023
Acenaphthene	ND	0.0500	ug/L								
Acenaphthylene	ND	0.0500	"								
Anthracene	ND	0.0500	"								
Atrazine	ND	0.500	"								
Benzo(a)anthracene	ND	0.0500	"								
Benzo(a)pyrene	ND	0.0500	"								
Benzo(b)fluoranthene	ND	0.0500	"								
Benzo(g,h,i)perylene	ND	0.0500	"								
Benzo(k)fluoranthene	ND	0.0500	"								
Bis(2-ethylhexyl)phthalate	ND	0.500	"								
Chrysene	ND	0.0500	"								
Dibenzo(a,h)anthracene	ND	0.0500	"								
Fluoranthene	ND	0.0500	"								
Fluorene	ND	0.0500	"								
Hexachlorobenzene	ND	0.0200	"								
Hexachlorobutadiene	ND	0.500	"								
Hexachloroethane	ND	0.500	"								
Indeno(1,2,3-cd)pyrene	ND	0.0500	"								
Naphthalene	ND	0.0500	"								
Nitrobenzene	ND	0.250	"								
N-Nitrosodimethylamine	ND	0.500	"								
Pentachlorophenol	ND	0.250	"								
Phenanthrene	ND	0.0500	"								
Pyrene	ND	0.0500	"								

Semivolatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BB30350 - EPA 3510C											
LCS (BB30350-BS1)								Prepared: 02/07/2023 Analyzed: 02/08/2023			
1,1-Biphenyl	14.8	5.00	ug/L	25.0		59.0	70-130	Low Bias		20	
1,2,4,5-Tetrachlorobenzene	14.9	5.00	"	25.0		59.4	70-130	Low Bias		20	
1,2,4-Trichlorobenzene	14.3	5.00	"	25.0		57.2	20-118			20	
1,2-Dichlorobenzene	13.3	5.00	"	25.0		53.2	29-111			20	
1,2-Diphenylhydrazine (as Azobenzene)	15.3	5.00	"	25.0		61.3	16-141			20	
1,3-Dichlorobenzene	13.2	5.00	"	25.0		52.8	23-117			20	
1,4-Dichlorobenzene	13.4	5.00	"	25.0		53.6	30-105			20	
2,3,4,6-Tetrachlorophenol	18.0	5.00	"	25.0		71.8	70-130			20	
2,4,5-Trichlorophenol	16.1	5.00	"	25.0		64.5	70-130	Low Bias		20	
2,4,6-Trichlorophenol	15.6	5.00	"	25.0		62.5	70-130	Low Bias		20	
2,4-Dichlorophenol	15.4	5.00	"	25.0		61.4	70-130	Low Bias		20	
2,4-Dimethylphenol	13.7	5.00	"	25.0		54.7	70-130	Low Bias		20	
2,4-Dinitrophenol	33.7	5.00	"	25.0		135	20-160			20	
2,4-Dinitrotoluene	20.7	5.00	"	25.0		82.8	70-130			20	
2,6-Dinitrotoluene	20.1	5.00	"	25.0		80.4	70-130			20	
2-Chloronaphthalene	14.9	5.00	"	25.0		59.6	70-130	Low Bias		20	
2-Chlorophenol	13.2	5.00	"	25.0		52.6	70-130	Low Bias		20	
2-Methylnaphthalene	15.2	5.00	"	25.0		60.8	70-130	Low Bias		20	
2-Methylphenol	11.5	5.00	"	25.0		46.0	70-130	Low Bias		20	
2-Nitroaniline	18.6	5.00	"	25.0		74.5	70-130			20	
2-Nitrophenol	18.5	5.00	"	25.0		74.0	70-130			20	
3- & 4-Methylphenols	9.12	5.00	"	25.0		36.5	20-160			20	
3,3-Dichlorobenzidine	12.7	5.00	"	25.0		50.9	70-160	Low Bias		20	
3-Nitroaniline	13.4	5.00	"	25.0		53.5	70-160	Low Bias		20	
4,6-Dinitro-2-methylphenol	31.9	5.00	"	25.0		127	70-160			20	
4-Bromophenyl phenyl ether	14.6	5.00	"	25.0		58.5	70-160	Low Bias		20	
4-Chloro-3-methylphenol	15.4	5.00	"	25.0		61.8	70-160	Low Bias		20	
4-Chloroaniline	9.12	5.00	"	25.0		36.5	70-160	Low Bias		20	
4-Chlorophenyl phenyl ether	14.8	5.00	"	25.0		59.1	70-160	Low Bias		20	
4-Nitroaniline	15.7	5.00	"	25.0		62.8	70-160	Low Bias		20	
4-Nitrophenol	7.82	5.00	"	25.0		31.3	20-160			20	
Acetophenone	14.0	5.00	"	25.0		55.9	70-130	Low Bias		20	
Aniline	5.52	5.00	"	25.0		22.1	10-117			20	
Benzaldehyde	14.1	5.00	"	25.0		56.5	20-160			20	
Benzoic acid	7.52	5.00	"	25.0		30.1	30-130			20	
Benzyl alcohol	9.28	5.00	"	25.0		37.1	10-117			20	
Benzyl butyl phthalate	16.0	5.00	"	25.0		64.1	70-130	Low Bias		20	
Bis(2-chloroethoxy)methane	15.4	5.00	"	25.0		61.8	70-130	Low Bias		20	
Bis(2-chloroethyl)ether	14.3	5.00	"	25.0		57.0	70-130	Low Bias		20	
Bis(2-chloroisopropyl)ether	14.2	5.00	"	25.0		56.6	70-130	Low Bias		20	
Caprolactam	2.58	5.00	"	25.0		10.3	20-160	Low Bias		20	
Carbazole	17.3	5.00	"	25.0		69.1	70-130	Low Bias		20	
Dibenzofuran	15.3	5.00	"	25.0		61.0	70-130	Low Bias		20	
Diethyl phthalate	15.4	5.00	"	25.0		61.8	70-130	Low Bias		20	
Dimethyl phthalate	15.7	5.00	"	25.0		62.6	70-130	Low Bias		20	
Di-n-butyl phthalate	16.1	5.00	"	25.0		64.5	70-130	Low Bias		20	
Di-n-octyl phthalate	16.4	5.00	"	25.0		65.5	70-130	Low Bias		20	
Hexachlorocyclopentadiene	6.80	10.0	"	25.0		27.2	20-160			20	
Isophorone	16.2	5.00	"	25.0		64.7	70-130	Low Bias		20	
N-nitroso-di-n-propylamine	14.5	5.00	"	25.0		58.0	70-130	Low Bias		20	
N-Nitrosodiphenylamine	18.4	5.00	"	25.0		73.7	70-130			20	

Semivolatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BB30350 - EPA 3510C											
LCS (BB30350-BS1)								Prepared: 02/07/2023 Analyzed: 02/08/2023			
Phenol	4.91	5.00	ug/L	25.0		19.6	20-160	Low Bias		20	
Surrogate: SURR: 2-Fluorophenol	*19.0*		*"*	*50.0*		*37.9*	*15-110*				
Surrogate: SURR: Phenol-d6	*11.8*		*"*	*50.0*		*23.6*	*15-110*				
Surrogate: SURR: Nitrobenzene-d5	*20.9*		*"*	*25.0*		*83.7*	*30-130*				
Surrogate: SURR: 2-Fluorobiphenyl	*18.4*		*"*	*25.0*		*73.5*	*30-130*				
Surrogate: SURR: 2,4,6-Tribromophenol	*40.4*		*"*	*50.0*		*80.7*	*15-110*				
Surrogate: SURR: Terphenyl-d14	*21.0*		*"*	*25.0*		*84.1*	*30-130*				
LCS (BB30350-BS2)								Prepared: 02/07/2023 Analyzed: 02/08/2023			
Acenaphthene	0.570	0.0500	ug/L	1.00		57.0	25-116				
Acenaphthylene	0.560	0.0500	"	1.00		56.0	26-116				
Anthracene	0.600	0.0500	"	1.00		60.0	25-123				
Benzo(a)anthracene	0.620	0.0500	"	1.00		62.0	33-125				
Benzo(a)pyrene	0.590	0.0500	"	1.00		59.0	32-132				
Benzo(b)fluoranthene	0.580	0.0500	"	1.00		58.0	22-137				
Benzo(g,h,i)perylene	0.600	0.0500	"	1.00		60.0	10-138				
Benzo(k)fluoranthene	0.730	0.0500	"	1.00		73.0	20-137				
Bis(2-ethylhexyl)phthalate	1.06	0.500	"	1.00		106	10-189				
Chrysene	0.670	0.0500	"	1.00		67.0	32-124				
Dibenzo(a,h)anthracene	0.580	0.0500	"	1.00		58.0	16-133				
Fluoranthene	0.610	0.0500	"	1.00		61.0	32-121				
Fluorene	0.610	0.0500	"	1.00		61.0	28-118				
Hexachlorobenzene	0.370	0.0200	"	1.00		37.0	23-124				
Hexachlorobutadiene	0.560	0.500	"	1.00		56.0	15-123				
Hexachloroethane	2.70	0.500	"	1.00		270	18-115	High Bias			
Indeno(1,2,3-cd)pyrene	0.620	0.0500	"	1.00		62.0	15-135				
Naphthalene	0.570	0.0500	"	1.00		57.0	18-120				
Nitrobenzene	0.780	0.250	"	1.00		78.0	21-121				
N-Nitrosodimethylamine	ND	0.500	"	1.00			10-124	Low Bias			
Pentachlorophenol	0.450	0.250	"	1.00		45.0	10-156				
Phenanthrene	0.600	0.0500	"	1.00		60.0	24-127				
Pyrene	0.700	0.0500	"	1.00		70.0	31-132				

Semivolatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BB30350 - EPA 3510C											
LCS Dup (BB30350-BSD1)							Prepared: 02/07/2023 Analyzed: 02/08/2023				
1,1-Biphenyl	18.3	5.00	ug/L	25.0		73.2	70-130		21.5	20	Non-dir.
1,2,4,5-Tetrachlorobenzene	18.5	5.00	"	25.0		73.9	70-130		21.7	20	Non-dir.
1,2,4-Trichlorobenzene	17.9	5.00	"	25.0		71.4	20-118		22.1	20	Non-dir.
1,2-Dichlorobenzene	16.6	5.00	"	25.0		66.2	29-111		21.8	20	Non-dir.
1,2-Diphenylhydrazine (as Azobenzene)	18.2	5.00	"	25.0		72.6	16-141		17.0	20	
1,3-Dichlorobenzene	16.4	5.00	"	25.0		65.7	23-117		21.8	20	Non-dir.
1,4-Dichlorobenzene	16.4	5.00	"	25.0		65.8	30-105		20.4	20	Non-dir.
2,3,4,6-Tetrachlorophenol	21.1	5.00	"	25.0		84.3	70-130		16.0	20	
2,4,5-Trichlorophenol	19.8	5.00	"	25.0		79.4	70-130		20.7	20	Non-dir.
2,4,6-Trichlorophenol	19.6	5.00	"	25.0		78.4	70-130		22.5	20	Non-dir.
2,4-Dichlorophenol	19.3	5.00	"	25.0		77.4	70-130		23.0	20	Non-dir.
2,4-Dimethylphenol	17.3	5.00	"	25.0		69.2	70-130	Low Bias	23.4	20	Non-dir.
2,4-Dinitrophenol	48.8	5.00	"	25.0		195	20-160	High Bias	36.7	20	Non-dir.
2,4-Dinitrotoluene	27.8	5.00	"	25.0		111	70-130		29.5	20	Non-dir.
2,6-Dinitrotoluene	25.8	5.00	"	25.0		103	70-130		24.8	20	Non-dir.
2-Chloronaphthalene	18.2	5.00	"	25.0		72.7	70-130		19.8	20	
2-Chlorophenol	16.5	5.00	"	25.0		65.9	70-130	Low Bias	22.5	20	Non-dir.
2-Methylnaphthalene	18.8	5.00	"	25.0		75.4	70-130		21.4	20	Non-dir.
2-Methylphenol	14.5	5.00	"	25.0		58.0	70-130	Low Bias	23.0	20	Non-dir.
2-Nitroaniline	23.7	5.00	"	25.0		94.9	70-130		24.1	20	Non-dir.
2-Nitrophenol	23.3	5.00	"	25.0		93.2	70-130		23.1	20	Non-dir.
3- & 4-Methylphenols	11.6	5.00	"	25.0		46.6	20-160		24.3	20	Non-dir.
3,3-Dichlorobenzidine	17.0	5.00	"	25.0		68.2	70-160	Low Bias	29.0	20	Non-dir.
3-Nitroaniline	18.2	5.00	"	25.0		72.9	70-160		30.6	20	Non-dir.
4,6-Dinitro-2-methylphenol	47.6	5.00	"	25.0		191	70-160	High Bias	39.7	20	Non-dir.
4-Bromophenyl phenyl ether	22.1	5.00	"	25.0		88.6	70-160		40.8	20	Non-dir.
4-Chloro-3-methylphenol	19.5	5.00	"	25.0		78.0	70-160		23.2	20	Non-dir.
4-Chloroaniline	12.4	5.00	"	25.0		49.6	70-160	Low Bias	30.6	20	Non-dir.
4-Chlorophenyl phenyl ether	20.1	5.00	"	25.0		80.3	70-160		30.4	20	Non-dir.
4-Nitroaniline	21.0	5.00	"	25.0		83.8	70-160		28.6	20	Non-dir.
4-Nitrophenol	8.60	5.00	"	25.0		34.4	20-160		9.50	20	
Acetophenone	17.4	5.00	"	25.0		69.7	70-130	Low Bias	22.0	20	Non-dir.
Aniline	7.82	5.00	"	25.0		31.3	10-117		34.5	20	Non-dir.
Benzaldehyde	17.3	5.00	"	25.0		69.4	20-160		20.4	20	Non-dir.
Benzoic acid	8.15	5.00	"	25.0		32.6	30-130		8.04	20	
Benzyl alcohol	11.9	5.00	"	25.0		47.4	10-117		24.4	20	Non-dir.
Benzyl butyl phthalate	20.7	5.00	"	25.0		83.0	70-130		25.7	20	Non-dir.
Bis(2-chloroethoxy)methane	19.2	5.00	"	25.0		76.7	70-130		21.6	20	Non-dir.
Bis(2-chloroethyl)ether	17.7	5.00	"	25.0		70.8	70-130		21.5	20	Non-dir.
Bis(2-chloroisopropyl)ether	17.0	5.00	"	25.0		68.1	70-130	Low Bias	18.4	20	
Caprolactam	3.34	5.00	"	25.0		13.4	20-160	Low Bias	25.7	20	Non-dir.
Carbazole	21.7	5.00	"	25.0		86.8	70-130		22.7	20	Non-dir.
Dibenzofuran	20.0	5.00	"	25.0		79.8	70-130		26.7	20	Non-dir.
Diethyl phthalate	19.5	5.00	"	25.0		78.0	70-130		23.3	20	Non-dir.
Dimethyl phthalate	19.4	5.00	"	25.0		77.4	70-130		21.1	20	Non-dir.
Di-n-butyl phthalate	19.9	5.00	"	25.0		79.6	70-130		21.0	20	Non-dir.
Di-n-octyl phthalate	21.0	5.00	"	25.0		83.9	70-130		24.7	20	Non-dir.
Hexachlorocyclopentadiene	8.51	10.0	"	25.0		34.0	20-160		22.3	20	Non-dir.
Isophorone	20.2	5.00	"	25.0		80.8	70-130		22.2	20	Non-dir.
N-nitroso-di-n-propylamine	18.0	5.00	"	25.0		72.0	70-130		21.7	20	Non-dir.
N-Nitrosodiphenylamine	24.4	5.00	"	25.0		97.8	70-130		28.1	20	Non-dir.

Semivolatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BB30350 - EPA 3510C											
LCS Dup (BB30350-BSD1)									Prepared: 02/07/2023 Analyzed: 02/08/2023		
Phenol	6.32	5.00	ug/L	25.0		25.3	20-160		25.1	20	Non-dir.
Surrogate: SURR: 2-Fluorophenol	*19.7*		*"*	*50.0*		*39.4*	*15-110*				
Surrogate: SURR: Phenol-d6	*12.2*		*"*	*50.0*		*24.3*	*15-110*				
Surrogate: SURR: Nitrobenzene-d5	*21.2*		*"*	*25.0*		*84.7*	*30-130*				
Surrogate: SURR: 2-Fluorobiphenyl	*18.8*		*"*	*25.0*		*75.0*	*30-130*				
Surrogate: SURR: 2,4,6-Tribromophenol	*48.5*		*"*	*50.0*		*96.9*	*15-110*				
Surrogate: SURR: Terphenyl-d14	*22.7*		*"*	*25.0*		*90.8*	*30-130*				

Organochlorine Pesticides by GC/ECD - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BB30260 - EPA SW846-3510C Low Level											
Blank (BB30260-BLK1)									Prepared: 02/06/2023 Analyzed: 02/09/2023		
4,4'-DDD	ND	0.00400	ug/L								
4,4'-DDE	ND	0.00400	"								
4,4'-DDT	ND	0.00400	"								
Aldrin	ND	0.00400	"								
alpha-BHC	ND	0.00400	"								
alpha-Chlordane	ND	0.00400	"								
beta-BHC	ND	0.00400	"								
delta-BHC	ND	0.00400	"								
Dieldrin	ND	0.00200	"								
Endosulfan I	ND	0.00400	"								
Endosulfan II	ND	0.00400	"								
Endosulfan sulfate	ND	0.00400	"								
Endrin	ND	0.00400	"								
Endrin aldehyde	ND	0.0100	"								
Endrin ketone	ND	0.0100	"								
gamma-BHC (Lindane)	ND	0.00400	"								
gamma-Chlordane	ND	0.0100	"								
Heptachlor	ND	0.00400	"								
Heptachlor epoxide	ND	0.00400	"								
Methoxychlor	ND	0.00400	"								
Toxaphene	ND	0.100	"								
Chlordane, total	ND	0.200	"								
Surrogate: Decachlorobiphenyl	*0.0686*		*"*	*0.200*		*34.3*	*30-150*				
Surrogate: Tetrachloro-m-xylene	*0.141*		*"*	*0.200*		*70.4*	*30-150*				
LCS (BB30260-BS1)									Prepared: 02/06/2023 Analyzed: 02/09/2023		
4,4'-DDD	0.106	0.00400	ug/L	0.100		106	40-140				
4,4'-DDE	0.102	0.00400	"	0.100		102	40-140				
4,4'-DDT	0.114	0.00400	"	0.100		114	40-140				
Aldrin	0.0892	0.00400	"	0.100		89.2	40-140				
alpha-BHC	0.0868	0.00400	"	0.100		86.8	40-140				
alpha-Chlordane	0.0969	0.00400	"	0.100		96.9	40-140				
beta-BHC	0.117	0.00400	"	0.100		117	40-140				
delta-BHC	0.0991	0.00400	"	0.100		99.1	40-140				
Dieldrin	0.110	0.00200	"	0.100		110	40-140				
Endosulfan I	0.104	0.00400	"	0.100		104	40-140				
Endosulfan II	0.110	0.00400	"	0.100		110	40-140				
Endosulfan sulfate	0.108	0.00400	"	0.100		108	40-140				
Endrin	0.109	0.00400	"	0.100		109	40-140				
Endrin aldehyde	0.117	0.0100	"	0.100		117	40-140				
Endrin ketone	0.115	0.0100	"	0.100		115	40-140				
gamma-BHC (Lindane)	0.0983	0.00400	"	0.100		98.3	40-140				
gamma-Chlordane	0.102	0.0100	"	0.100		102	40-140				
Heptachlor	0.0993	0.00400	"	0.100		99.3	40-140				
Heptachlor epoxide	0.105	0.00400	"	0.100		105	40-140				
Methoxychlor	0.119	0.00400	"	0.100		119	40-140				
Surrogate: Decachlorobiphenyl	*0.118*		*"*	*0.200*		*58.9*	*30-150*				
Surrogate: Tetrachloro-m-xylene	*0.141*		*"*	*0.200*		*70.7*	*30-150*				

Polychlorinated Biphenyls by GC/ECD - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BB30260 - EPA SW846-3510C Low Level											
Blank (BB30260-BLK2)									Prepared: 02/06/2023 Analyzed: 02/07/2023		
Aroclor 1016	ND	0.0500	ug/L								
Aroclor 1221	ND	0.0500	"								
Aroclor 1232	ND	0.0500	"								
Aroclor 1242	ND	0.0500	"								
Aroclor 1248	ND	0.0500	"								
Aroclor 1254	ND	0.0500	"								
Aroclor 1260	ND	0.0500	"								
Aroclor 1262	ND	0.0500	"								
Aroclor 1268	ND	0.0500	"								
Total PCBs	ND	0.0500	"								
Surrogate: Tetrachloro-m-xylene	*0.144*		*"*	*0.200*		*72.0*	*30-120*				
Surrogate: Decachlorobiphenyl	*0.0780*		*"*	*0.200*		*39.0*	*30-120*				
LCS (BB30260-BS2)									Prepared: 02/06/2023 Analyzed: 02/07/2023		
Aroclor 1016	0.639	0.0500	ug/L	1.00		63.9	40-120				
Aroclor 1260	0.693	0.0500	"	1.00		69.3	40-120				
Surrogate: Tetrachloro-m-xylene	*0.144*		*"*	*0.200*		*72.0*	*30-120*				
Surrogate: Decachlorobiphenyl	*0.135*		*"*	*0.200*		*67.5*	*30-120*				
LCS Dup (BB30260-BSD2)									Prepared: 02/06/2023 Analyzed: 02/07/2023		
Aroclor 1016	0.813	0.0500	ug/L	1.00		81.3	40-120		23.9	30	
Aroclor 1260	0.771	0.0500	"	1.00		77.1	40-120		10.6	30	
Surrogate: Tetrachloro-m-xylene	*0.161*		*"*	*0.200*		*80.5*	*30-120*				
Surrogate: Decachlorobiphenyl	*0.0920*		*"*	*0.200*		*46.0*	*30-120*				

Metals by ICP - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BB30255 - EPA 3015A											
Blank (BB30255-BLK1)											Prepared: 02/06/2023 Analyzed: 02/07/2023
Aluminum - Dissolved	ND	0.0556	mg/L								
Barium - Dissolved	ND	0.0278	"								
Calcium - Dissolved	ND	0.0556	"								
Chromium - Dissolved	ND	0.00556	"								
Cobalt - Dissolved	ND	0.00444	"								
Copper - Dissolved	ND	0.0222	"								
Iron - Dissolved	ND	0.278	"								
Lead - Dissolved	ND	0.00556	"								
Magnesium - Dissolved	ND	0.0556	"								
Manganese - Dissolved	ND	0.00556	"								
Nickel - Dissolved	ND	0.0111	"								
Potassium - Dissolved	ND	0.0556	"								
Silver - Dissolved	ND	0.00556	"								
Sodium - Dissolved	ND	0.556	"								
Vanadium - Dissolved	ND	0.0111	"								
Zinc - Dissolved	ND	0.0278	"								
LCS (BB30255-BS1)											Prepared: 02/06/2023 Analyzed: 02/07/2023
Aluminum - Dissolved	1.64		ug/mL	2.00		82.2	80-120				
Barium - Dissolved	1.93		"	2.00		96.3	80-120				
Calcium - Dissolved	0.905		"	1.00		90.5	80-120				
Chromium - Dissolved	0.186		"	0.200		93.0	80-120				
Cobalt - Dissolved	0.489		"	0.500		97.8	80-120				
Copper - Dissolved	0.265		"	0.250		106	80-120				
Iron - Dissolved	0.950		"	1.00		95.0	80-120				
Lead - Dissolved	0.491		"	0.500		98.2	80-120				
Magnesium - Dissolved	0.929		"	1.00		92.9	80-120				
Manganese - Dissolved	0.476		"	0.500		95.2	80-120				
Nickel - Dissolved	0.478		"	0.500		95.6	80-120				
Potassium - Dissolved	0.947		"	1.00		94.7	80-120				
Silver - Dissolved	0.0465		"	0.0500		93.1	80-120				
Sodium - Dissolved	0.990		"	1.00		99.0	80-120				
Vanadium - Dissolved	0.460		"	0.500		92.0	80-120				
Zinc - Dissolved	0.467		"	0.500		93.3	80-120				

Metals by ICP - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BB30255 - EPA 3015A											
Duplicate (BB30255-DUP1)	*Source sample: 23A1484-02 (Duplicate)								Prepared: 02/06/2023 Analyzed: 02/07/2023		
Aluminum - Dissolved	0.142	0.0556	mg/L		0.175				20.9	20	Non-dir.
Barium - Dissolved	0.164	0.0278	"		0.167				1.63	20	
Calcium - Dissolved	110	0.0556	"		109				0.999	20	
Chromium - Dissolved	ND	0.00556	"		ND					20	
Cobalt - Dissolved	ND	0.00444	"		ND					20	
Copper - Dissolved	ND	0.0222	"		0.0248					20	
Iron - Dissolved	2.09	0.278	"		2.13				2.10	20	
Lead - Dissolved	ND	0.00556	"		ND					20	
Magnesium - Dissolved	20.2	0.0556	"		20.6				1.77	20	
Manganese - Dissolved	0.263	0.00556	"		0.268				1.99	20	
Nickel - Dissolved	ND	0.0111	"		ND					20	
Potassium - Dissolved	48.6	0.0556	"		48.1				0.953	20	
Silver - Dissolved	ND	0.00556	"		ND					20	
Sodium - Dissolved	125	0.556	"		124				0.632	20	
Vanadium - Dissolved	ND	0.0111	"		ND					20	
Zinc - Dissolved	0.0280	0.0278	"		ND					20	
Matrix Spike (BB30255-MS1)	*Source sample: 23A1484-02 (Matrix Spike)								Prepared: 02/06/2023 Analyzed: 02/07/2023		
Aluminum - Dissolved	2.28	0.0556	mg/L	2.22	0.175	94.7	75-125				
Barium - Dissolved	2.32	0.0278	"	2.22	0.167	97.0	75-125				
Calcium - Dissolved	108	0.0556	"	1.11	109	NR	75-125	Low Bias			
Chromium - Dissolved	0.207	0.00556	"	0.222	ND	93.2	75-125				
Cobalt - Dissolved	0.548	0.00444	"	0.556	ND	98.6	75-125				
Copper - Dissolved	0.296	0.0222	"	0.278	0.0248	97.5	75-125				
Iron - Dissolved	3.36	0.278	"	1.11	2.13	111	75-125				
Lead - Dissolved	0.537	0.00556	"	0.556	ND	96.6	75-125				
Magnesium - Dissolved	21.3	0.0556	"	1.11	20.6	60.6	75-125	Low Bias			
Manganese - Dissolved	0.801	0.00556	"	0.556	0.268	96.0	75-125				
Nickel - Dissolved	0.550	0.0111	"	0.556	ND	99.1	75-125				
Potassium - Dissolved	48.8	0.0556	"	1.11	48.1	63.6	75-125	Low Bias			
Silver - Dissolved	0.0523	0.00556	"	0.0556	ND	94.2	75-125				
Sodium - Dissolved	123	0.556	"	1.11	124	NR	75-125	Low Bias			
Vanadium - Dissolved	0.530	0.0111	"	0.556	ND	95.4	75-125				
Zinc - Dissolved	0.577	0.0278	"	0.556	ND	104	75-125				

Metals by ICP - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BB30255 - EPA 3015A											
Post Spike (BB30255-PS1)	*Source sample: 23A1484-02 (Post Spike)							Prepared: 02/06/2023 Analyzed: 02/07/2023			
Aluminum - Dissolved	2.18		ug/mL	2.00	0.157	101	75-125				
Barium - Dissolved	2.24		"	2.00	0.150	104	75-125				
Calcium - Dissolved	97.4		"	1.00	98.4	NR	75-125	Low Bias			
Chromium - Dissolved	0.202		"	0.200	0.000521	101	75-125				
Cobalt - Dissolved	0.533		"	0.500	0.000126	107	75-125				
Copper - Dissolved	0.285		"	0.250	0.0224	105	75-125				
Iron - Dissolved	2.93		"	1.00	1.92	101	75-125				
Lead - Dissolved	0.509		"	0.500	0.00286	101	75-125				
Magnesium - Dissolved	19.4		"	1.00	18.5	85.0	75-125				
Manganese - Dissolved	0.760		"	0.500	0.241	104	75-125				
Nickel - Dissolved	0.536		"	0.500	0.00132	107	75-125				
Potassium - Dissolved	45.2		"	1.00	43.3	192	75-125	High Bias			
Silver - Dissolved	0.0311		"	0.0500	-0.000616	62.1	75-125	Low Bias			
Sodium - Dissolved	111		"	1.00	111	NR	75-125	Low Bias			
Vanadium - Dissolved	0.514		"	0.500	0.00199	102	75-125				
Zinc - Dissolved	0.551		"	0.500	0.0245	105	75-125				
Batch BB30359 - EPA 3015A											
Blank (BB30359-BLK1)								Prepared & Analyzed: 02/07/2023			
Aluminum	ND	0.0556	mg/L								
Barium	ND	0.0278	"								
Calcium	ND	0.0556	"								
Chromium	ND	0.00556	"								
Cobalt	ND	0.00444	"								
Copper	ND	0.0222	"								
Iron	ND	0.278	"								
Lead	ND	0.00556	"								
Magnesium	ND	0.0556	"								
Manganese	ND	0.00556	"								
Nickel	ND	0.0111	"								
Potassium	0.128	0.0556	"								
Silver	ND	0.00556	"								
Sodium	ND	0.556	"								
Vanadium	ND	0.0111	"								
Zinc	ND	0.0278	"								

Metals by ICP - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BB30359 - EPA 3015A											
LCS (BB30359-BS1)								Prepared & Analyzed: 02/07/2023			
Aluminum	1.48		ug/mL	2.00		73.9	80-120	Low Bias			
Barium	1.77		"	2.00		88.5	80-120				
Calcium	0.845		"	1.00		84.5	80-120				
Chromium	0.171		"	0.200		85.6	80-120				
Cobalt	0.451		"	0.500		90.2	80-120				
Copper	0.220		"	0.250		88.1	80-120				
Iron	0.862		"	1.00		86.2	80-120				
Lead	0.448		"	0.500		89.7	80-120				
Magnesium	0.838		"	1.00		83.8	80-120				
Manganese	0.436		"	0.500		87.3	80-120				
Nickel	0.441		"	0.500		88.2	80-120				
Potassium	0.875		"	1.00		87.5	80-120				
Silver	0.0417		"	0.0500		83.3	80-120				
Sodium	0.949		"	1.00		94.9	80-120				
Vanadium	0.424		"	0.500		84.8	80-120				
Zinc	0.431		"	0.500		86.2	80-120				
Duplicate (BB30359-DUP1)	*Source sample: 23B0246-11 (Duplicate)							Prepared & Analyzed: 02/07/2023			
Aluminum	692	0.0556	mg/L		606				13.2	20	
Barium	11.6	0.0278	"		11.0				5.33	20	
Calcium	2360	0.0556	"		2320				1.75	20	
Chromium	2.73	0.00556	"		2.53				7.81	20	
Cobalt	0.533	0.00444	"		0.506				5.04	20	
Copper	16.7	0.0222	"		16.1				4.17	20	
Iron	1000	0.278	"		948				5.39	20	
Lead	24.2	0.00556	"		23.2				4.45	20	
Magnesium	1160	0.0556	"		1120				3.02	20	
Manganese	27.5	0.00556	"		26.6				3.26	20	
Nickel	2.45	0.0111	"		2.21				10.3	20	
Potassium	106	0.0556	"		90.2				16.4	20	
Silver	ND	0.00556	"		ND					20	
Sodium	45.5	0.556	"		44.7				1.79	20	
Vanadium	2.19	0.0111	"		1.99				9.57	20	
Zinc	33.8	0.0278	"		32.4				4.34	20	

Metals by ICP - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BB30359 - EPA 3015A											
Matrix Spike (BB30359-MS1)	*Source sample: 23B0246-11 (Matrix Spike)							Prepared & Analyzed: 02/07/2023			
Aluminum	785	0.0556	mg/L	2.22	606	NR	75-125	High Bias			
Barium	13.9	0.0278	"	2.22	11.0	134	75-125	High Bias			
Calcium	2290	0.0556	"	1.11	2320	NR	75-125	Low Bias			
Chromium	3.08	0.00556	"	0.222	2.53	250	75-125	High Bias			
Cobalt	0.996	0.00444	"	0.556	0.506	88.0	75-125				
Copper	17.6	0.0222	"	0.278	16.1	539	75-125	High Bias			
Iron	1050	0.278	"	1.11	948	NR	75-125	High Bias			
Lead	25.3	0.00556	"	0.556	23.2	375	75-125	High Bias			
Magnesium	1180	0.0556	"	1.11	1120	NR	75-125	High Bias			
Manganese	28.5	0.00556	"	0.556	26.6	356	75-125	High Bias			
Nickel	3.07	0.0111	"	0.556	2.21	155	75-125	High Bias			
Potassium	125	0.0556	"	1.11	90.2	NR	75-125	High Bias			
Silver	0.0296	0.00556	"	0.0556	ND	53.3	75-125	Low Bias			
Sodium	46.6	0.556	"	1.11	44.7	176	75-125	High Bias			
Vanadium	2.87	0.0111	"	0.556	1.99	158	75-125	High Bias			
Zinc	35.0	0.0278	"	0.556	32.4	474	75-125	High Bias			
Post Spike (BB30359-PS1)	*Source sample: 23B0246-11 (Post Spike)							Prepared & Analyzed: 02/07/2023			
Aluminum	546		ug/mL	2.00	546	18.8	75-125	Low Bias			
Barium	10.3		"	2.00	9.87	21.5	75-125	Low Bias			
Calcium	2130		"	1.00	2080	NR	75-125	High Bias			
Chromium	2.36		"	0.200	2.27	44.0	75-125	Low Bias			
Cobalt	0.488		"	0.500	0.456	6.46	75-125	Low Bias			
Copper	15.0		"	0.250	14.5	204	75-125	High Bias			
Iron	862		"	1.00	854	888	75-125	High Bias			
Lead	21.5		"	0.500	20.9	121	75-125				
Magnesium	1010		"	1.00	1010	5.80	75-125	Low Bias			
Manganese	24.1		"	0.500	23.9	33.9	75-125	Low Bias			
Nickel	2.11		"	0.500	1.99	24.4	75-125	Low Bias			
Potassium	81.7		"	1.00	81.2	58.6	75-125	Low Bias			
Silver	-0.00173		"	0.0500	-0.00470		75-125	Low Bias			
Sodium	39.2		"	1.00	40.2	NR	75-125	Low Bias			
Vanadium	1.87		"	0.500	1.79	15.0	75-125	Low Bias			
Zinc	30.0		"	0.500	29.1	175	75-125	High Bias			

Metals by ICP/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BB30591 - EPA 3015A											
Blank (BB30591-BLK1)								Prepared & Analyzed: 02/10/2023			
Antimony	ND	0.00111	mg/L								
Arsenic	ND	0.00111	"								
Beryllium	ND	0.000333	"								
Cadmium	ND	0.000556	"								
Selenium	ND	0.00111	"								
Thallium	ND	0.00111	"								
LCS (BB30591-BS1)								Prepared & Analyzed: 02/10/2023			
Antimony	47.2		ug/L	50.0		94.4	80-120				
Arsenic	50.1		"	50.0		100	80-120				
Beryllium	52.7		"	50.0		105	80-120				
Cadmium	46.8		"	50.0		93.6	80-120				
Selenium	45.8		"	50.0		91.6	80-120				
Thallium	46.4		"	50.0		92.9	80-120				
Duplicate (BB30591-DUP1)	*Source sample: 23B0134-18 (Duplicate)							Prepared & Analyzed: 02/10/2023			
Antimony	ND	0.00111	mg/L		ND					20	
Arsenic	ND	0.00111	"		ND					20	
Beryllium	ND	0.000333	"		ND					20	
Cadmium	0.0107	0.000556	"		0.0107				0.290	20	
Selenium	0.00437	0.00111	"		0.00348				22.8	20	Non-dir.
Thallium	ND	0.00111	"		ND					20	
Matrix Spike (BB30591-MS1)	*Source sample: 23B0134-18 (Matrix Spike)							Prepared & Analyzed: 02/10/2023			
Antimony	50.0		ug/L	50.0	0.506	99.0	75-125				
Arsenic	52.1		"	50.0	0.716	103	75-125				
Beryllium	31.3		"	50.0	-0.004	62.7	75-125	Low Bias			
Cadmium	58.2		"	50.0	9.63	97.0	75-125				
Selenium	57.1		"	50.0	3.13	108	75-125				
Thallium	54.7		"	50.0	0.018	109	75-125				

Metals by ICP/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BB30614 - EPA 3015A											
Blank (BB30614-BLK1)											Prepared: 02/10/2023 Analyzed: 02/13/2023
Antimony - Dissolved	ND	0.00111	mg/L								
Arsenic - Dissolved	ND	0.00111	"								
Beryllium - Dissolved	ND	0.000333	"								
Cadmium - Dissolved	ND	0.000556	"								
Selenium - Dissolved	ND	0.00111	"								
Thallium - Dissolved	ND	0.00111	"								
Blank (BB30614-BLK2)											Prepared: 02/10/2023 Analyzed: 02/14/2023
Antimony - Dissolved	ND	0.00111	mg/L								
Arsenic - Dissolved	ND	0.00111	"								
Beryllium - Dissolved	ND	0.000333	"								
Cadmium - Dissolved	ND	0.000556	"								
Selenium - Dissolved	ND	0.00111	"								
Thallium - Dissolved	ND	0.00111	"								
LCS (BB30614-BS1)											Prepared: 02/10/2023 Analyzed: 02/13/2023
Antimony - Dissolved	48.5		ug/L	50.0		97.0	80-120				
Arsenic - Dissolved	48.2		"	50.0		96.5	80-120				
Beryllium - Dissolved	36.8		"	50.0		73.7	80-120	Low Bias			
Cadmium - Dissolved	49.5		"	50.0		99.1	80-120				
Selenium - Dissolved	55.4		"	50.0		111	80-120				
Thallium - Dissolved	55.9		"	50.0		112	80-120				
LCS (BB30614-BS2)											Prepared: 02/10/2023 Analyzed: 02/14/2023
Antimony - Dissolved	50.1		ug/L	50.0		100	80-120				
Arsenic - Dissolved	44.9		"	50.0		89.8	80-120				
Beryllium - Dissolved	52.3		"	50.0		105	80-120				
Cadmium - Dissolved	48.8		"	50.0		97.6	80-120				
Selenium - Dissolved	50.0		"	50.0		100	80-120				
Thallium - Dissolved	48.9		"	50.0		97.8	80-120				

Metals by ICP/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BB30614 - EPA 3015A											
Duplicate (BB30614-DUP1)	*Source sample: 23B0525-04 (Duplicate)								Prepared: 02/10/2023 Analyzed: 02/14/2023		
Antimony - Dissolved	ND	0.00111	mg/L		ND					20	
Arsenic - Dissolved	ND	0.00111	"		ND					20	
Beryllium - Dissolved	ND	0.000333	"		ND					20	
Cadmium - Dissolved	ND	0.000556	"		ND					20	
Selenium - Dissolved	ND	0.00111	"		ND					20	
Thallium - Dissolved	ND	0.00111	"		ND					20	
Matrix Spike (BB30614-MS1)	*Source sample: 23B0525-04 (Matrix Spike)								Prepared: 02/10/2023 Analyzed: 02/14/2023		
Antimony - Dissolved	53.8		ug/L	50.0	0.062	107	75-125				
Arsenic - Dissolved	51.4		"	50.0	0.367	102	75-125				
Beryllium - Dissolved	43.8		"	50.0	0.008	87.6	75-125				
Cadmium - Dissolved	51.4		"	50.0	0.013	103	75-125				
Selenium - Dissolved	57.1		"	50.0	0.606	113	75-125				
Thallium - Dissolved	49.9		"	50.0	0.008	99.8	75-125				
Batch BB30716 - EPA 3015A											
Blank (BB30716-BLK2)									Prepared: 02/13/2023 Analyzed: 02/14/2023		
Antimony	ND	0.00111	mg/L								
Arsenic	ND	0.00111	"								
Beryllium	ND	0.000333	"								
Cadmium	ND	0.000556	"								
Selenium	ND	0.00111	"								
Thallium	ND	0.00111	"								
LCS (BB30716-BS2)									Prepared: 02/13/2023 Analyzed: 02/14/2023		
Antimony	47.6		ug/L	50.0		95.2	80-120				
Arsenic	48.9		"	50.0		97.9	80-120				
Beryllium	49.6		"	50.0		99.2	80-120				
Cadmium	47.2		"	50.0		94.4	80-120				
Selenium	50.6		"	50.0		101	80-120				
Thallium	50.0		"	50.0		100	80-120				

Metals by ICP/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BB30716 - EPA 3015A											
Duplicate (BB30716-DUP1)	*Source sample: 23B0351-01 (Duplicate)								Prepared: 02/13/2023 Analyzed: 02/14/2023		
Antimony	ND	0.00111	mg/L		ND					20	
Arsenic	ND	0.00111	"		0.00133					20	
Beryllium	ND	0.000333	"		ND					20	
Cadmium	ND	0.000556	"		ND					20	
Selenium	0.00362	0.00111	"		0.00502				32.5	20	Non-dir.
Thallium	ND	0.00111	"		ND					20	
Matrix Spike (BB30716-MS1)	*Source sample: 23B0351-01 (Matrix Spike)								Prepared: 02/13/2023 Analyzed: 02/14/2023		
Antimony	52.7		ug/L	50.0	0.250	105	75-125				
Arsenic	53.2		"	50.0	1.19	104	75-125				
Beryllium	41.0		"	50.0	0.037	81.9	75-125				
Cadmium	50.0		"	50.0	0.045	100	75-125				
Selenium	57.7		"	50.0	4.52	106	75-125				
Thallium	48.3		"	50.0	0.016	96.5	75-125				

Mercury by EPA 7000/200 Series Methods - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BB30340 - EPA SW846-7470A											
Blank (BB30340-BLK1)								Prepared & Analyzed: 02/07/2023			
Mercury	ND	0.0002	mg/L								
LCS (BB30340-BS1)								Prepared & Analyzed: 02/07/2023			
Mercury	0.0020147	0.0002	mg/L	0.00200		101	80-120				
Duplicate (BB30340-DUP1)	*Source sample: 23B0232-01 (GW-1)							Prepared & Analyzed: 02/07/2023			
Mercury	ND	0.0002	mg/L		ND					20	
Matrix Spike (BB30340-MS1)	*Source sample: 23B0232-01 (GW-1)							Prepared & Analyzed: 02/07/2023			
Mercury	0.0018	0.0002	mg/L	0.00200	ND	91.4	75-125				
Batch BB30680 - EPA SW846-7470A											
Blank (BB30680-BLK1)								Prepared & Analyzed: 02/13/2023			
Mercury - Dissolved	ND	0.0002	mg/L								
LCS (BB30680-BS1)								Prepared & Analyzed: 02/13/2023			
Mercury - Dissolved	0.0020	0.0002	mg/L	0.00200		99.8	80-120				
Duplicate (BB30680-DUP1)	*Source sample: 23B0232-01 (GW-1)							Prepared & Analyzed: 02/13/2023			
Mercury - Dissolved	ND	0.0002	mg/L		ND					20	
Matrix Spike (BB30680-MS1)	*Source sample: 23B0232-01 (GW-1)							Prepared & Analyzed: 02/13/2023			
Mercury - Dissolved	0.0019	0.0002	mg/L	0.00200	ND	93.1	75-125				

Volatile Analysis Sample Containers

Lab ID	Client Sample ID	Volatile Sample Container
23B0232-01	GW-1	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C
23B0232-02	GW-2	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C
23B0232-03	GW-3	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C

Sample and Data Qualifiers Relating to This Work Order

S-HI	Surrogate recovery is above acceptance limits. No target compound is detected in sample.
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.
M-CCV1	The recovery for this element in the Continuing Calibration Verification (CCV) exceeded 110% of the expected value. Positive detections may be biased high.
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.
CCVE	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).
CAL-E	The value reported is ESTIMATED. The value is estimated due to its behavior during initial calibration (average Rf>20%)
B	Analyte is found in the associated analysis batch blank. For volatiles, methylene chloride and acetone are common lab contaminants.

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.

Field Chain-of-Custody Record

YORK ANALYTICAL LABORATORIES INC

York Analytical Laboratories, Inc. (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. 23B0232

120 Research Drive Stratford, CT 06615 | 132-02 89th Ave Queens, NY 11418 | clientservices@yorklab.com | www.yorklab.com | 800-306-YORK | 800-306-9675

YOUR Information	Report To:	Invoice To:	YOUR Project Number	Turn-Around Time
Company: Preferred Environmental Services	Company:	Company:		RUSH - Next Day
Address: 323 Merrick Ave. N. Merrick NY	Address: SAME	Address: SAME	YOUR Project Name: B 62nd St	RUSH - Two Day
Phone: 516-546-1100	Phone:	Phone:		RUSH - Three Day
Contact: Victoria Whelan	Contact:	Contact:		RUSH - Four Day
E-mail: VWhelan@preferredenv.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 AND sign your name) Ryan Crowley

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 | NJDEP SRP HazSite
NJDKQP | Other:

YORK Reg. Comp.

Compared to the following Regulation(s): (please fill in)

Sample Identification	Sample Matrix	Date/Time Sampled	Analysis Requested	Container Description
GW-1	GW	2/2/23 0846	TCL VOCs + SVOCs 8260/8270	250mL plastic-HNO3 (1)
GW-2	GW	2/2/23 1218	TAL Metals 6010/7471	250mL plastic-unpreserved (1)
GW-3	GW	2/2/23 1105	PCBs by 8082	1L-Amber-unpreserved (1)
			Pest 8081A	3 HCL VOAs - (3) per Sample

Comments:

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

Samples iced/chilled at time of lab pickup? circle Yes or No

Special Instruction
Field Filtered
Lab to Filter

1. Samples Relinquished by / Company	Date/Time	1. Samples Received by / Company	Date/Time	2. Samples Relinquished by / Company	Date/Time
Ryan Crowley	2/3/23 920AM	KBarbuzzi	2/3/23 920AM	KBarbuzzi 2/3/23	1632
2. Samples Received by / Company	Date/Time	3. Samples Relinquished by / Company	Date/Time	3. Samples Received by / Company	Date/Time
3. Samples Relinquished by / Company	Date/Time	4. Samples Received by / Company	Date/Time	Samples Received in LAB by	Date/Time / Temperature
				[illegible]	2/3/23 1632 / 3.3 °C

Technical Report

prepared for:

Preferred Env. Services
323 Merrick Ave
North Merrick NY, 11566
Attention: Bill Schlageter

Report Date: 02/14/2023
Client Project ID: B 62nd St
York Project (SDG) No.: 23B0236

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: 02/14/2023
Client Project ID: B 62nd St
York Project (SDG) No.: 23B0236

Preferred Env. Services
323 Merrick Ave
North Merrick NY, 11566
Attention: Bill Schlageter

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 February 06, 2023 and listed below. The project was identified as your project: **B 62nd St**.

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
23B0236-01	SV-1	Soil Vapor	02/02/2023	02/06/2023
23B0236-02	SV-2	Soil Vapor	02/02/2023	02/06/2023
23B0236-03	SV-3	Soil Vapor	02/02/2023	02/06/2023
23B0236-04	SV-3	Outdoor Ambient Ai	02/02/2023	02/06/2023

General Notes for York Project (SDG) No.: 23B0236

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:** 02/14/2023

Cassie L. Mosher
Laboratory Manager

Sample Information

Client Sample ID: SV-1 **York Sample ID:** 23B0236-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23B0236	B 62nd St	Soil Vapor	February 2, 2023 12:15 pm	02/06/2023

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	2.3	3.306	EPA TO-15 Certifications:	02/07/2023 12:00	02/14/2023 16:38	AC
71-55-6	1,1,1-Trichloroethane	ND		ug/m³	1.8	3.306	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	02/07/2023 12:00	02/14/2023 16:38	AC
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/m³	2.3	3.306	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	02/07/2023 12:00	02/14/2023 16:38	AC
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/m³	2.5	3.306	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	02/07/2023 12:00	02/14/2023 16:38	AC
79-00-5	1,1,2-Trichloroethane	ND		ug/m³	1.8	3.306	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	02/07/2023 12:00	02/14/2023 16:38	AC
75-34-3	1,1-Dichloroethane	ND		ug/m³	1.3	3.306	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	02/07/2023 12:00	02/14/2023 16:38	AC
75-35-4	1,1-Dichloroethylene	ND		ug/m³	0.33	3.306	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	02/07/2023 12:00	02/14/2023 16:38	AC
120-82-1	1,2,4-Trichlorobenzene	ND	TO-CCV, TO-LCS-L	ug/m³	2.5	3.306	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	02/07/2023 12:00	02/14/2023 16:38	AC
95-63-6	1,2,4-Trimethylbenzene	ND		ug/m³	1.6	3.306	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	02/07/2023 12:00	02/14/2023 16:38	AC
106-93-4	1,2-Dibromoethane	ND		ug/m³	2.5	3.306	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	02/07/2023 12:00	02/14/2023 16:38	AC
95-50-1	1,2-Dichlorobenzene	ND		ug/m³	2.0	3.306	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	02/07/2023 12:00	02/14/2023 16:38	AC
107-06-2	1,2-Dichloroethane	ND		ug/m³	1.3	3.306	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	02/07/2023 12:00	02/14/2023 16:38	AC
78-87-5	1,2-Dichloropropane	ND		ug/m³	1.5	3.306	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	02/07/2023 12:00	02/14/2023 16:38	AC
76-14-2	1,2-Dichlorotetrafluoroethane	ND	TO-CCV, TO-LCS-L	ug/m³	2.3	3.306	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	02/07/2023 12:00	02/14/2023 16:38	AC
108-67-8	1,3,5-Trimethylbenzene	ND		ug/m³	1.6	3.306	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	02/07/2023 12:00	02/14/2023 16:38	AC
106-99-0	**1,3-Butadiene**	**2.9**		ug/m³	2.2	3.306	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	02/07/2023 12:00	02/14/2023 16:38	AC
541-73-1	1,3-Dichlorobenzene	ND		ug/m³	2.0	3.306	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	02/07/2023 12:00	02/14/2023 16:38	AC
142-28-9	* 1,3-Dichloropropane	ND		ug/m³	1.5	3.306	EPA TO-15 Certifications:	02/07/2023 12:00	02/14/2023 16:38	AC
106-46-7	1,4-Dichlorobenzene	ND		ug/m³	2.0	3.306	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	02/07/2023 12:00	02/14/2023 16:38	AC
123-91-1	1,4-Dioxane	ND		ug/m³	2.4	3.306	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	02/07/2023 12:00	02/14/2023 16:38	AC
78-93-3	**2-Butanone**	**120**		ug/m³	0.98	3.306	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	02/07/2023 12:00	02/14/2023 16:38	AC

Sample Information

Client Sample ID: SV-1 **York Sample ID:** 23B0236-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23B0236	B 62nd St	Soil Vapor	February 2, 2023 12:15 pm	02/06/2023

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**	**8.4**		ug/m³	2.7	3.306	EPA TO-15	02/07/2023 12:00	02/14/2023 16:38	AC
							Certifications:			
107-05-1	3-Chloropropene	ND		ug/m³	5.2	3.306	EPA TO-15	02/07/2023 12:00	02/14/2023 16:38	AC
							Certifications: NELAC-NY12058,NJDEP-Queens			
108-10-1	**4-Methyl-2-pentanone**	**2.8**		ug/m³	1.4	3.306	EPA TO-15	02/07/2023 12:00	02/14/2023 16:38	AC
							Certifications: NELAC-NY12058,NJDEP-Queens			
67-64-1	**Acetone**	**240**		ug/m³	1.6	3.306	EPA TO-15	02/07/2023 12:00	02/14/2023 16:38	AC
							Certifications: NELAC-NY12058,NJDEP-Queens			
107-13-1	Acrylonitrile	ND		ug/m³	0.72	3.306	EPA TO-15	02/07/2023 12:00	02/14/2023 16:38	AC
							Certifications: NELAC-NY12058,NJDEP-Queens			
71-43-2	**Benzene**	**3.3**		ug/m³	1.1	3.306	EPA TO-15	02/07/2023 12:00	02/14/2023 16:38	AC
							Certifications: NELAC-NY12058,NJDEP-Queens			
100-44-7	Benzyl chloride	ND		ug/m³	1.7	3.306	EPA TO-15	02/07/2023 12:00	02/14/2023 16:38	AC
							Certifications: NELAC-NY12058,NJDEP-Queens			
75-27-4	Bromodichloromethane	ND		ug/m³	2.2	3.306	EPA TO-15	02/07/2023 12:00	02/14/2023 16:38	AC
							Certifications: NELAC-NY12058,NJDEP-Queens			
75-25-2	Bromoform	ND		ug/m³	3.4	3.306	EPA TO-15	02/07/2023 12:00	02/14/2023 16:38	AC
							Certifications: NELAC-NY12058,NJDEP-Queens			
74-83-9	Bromomethane	ND		ug/m³	1.3	3.306	EPA TO-15	02/07/2023 12:00	02/14/2023 16:38	AC
							Certifications: NELAC-NY12058,NJDEP-Queens			
75-15-0	**Carbon disulfide**	**16**		ug/m³	1.0	3.306	EPA TO-15	02/07/2023 12:00	02/14/2023 16:38	AC
							Certifications: NELAC-NY12058,NJDEP-Queens			
56-23-5	Carbon tetrachloride	ND		ug/m³	0.52	3.306	EPA TO-15	02/07/2023 12:00	02/14/2023 16:38	AC
							Certifications: NELAC-NY12058,NJDEP-Queens			
108-90-7	Chlorobenzene	ND		ug/m³	1.5	3.306	EPA TO-15	02/07/2023 12:00	02/14/2023 16:38	AC
							Certifications: NELAC-NY12058,NJDEP-Queens			
75-00-3	Chloroethane	ND		ug/m³	0.87	3.306	EPA TO-15	02/07/2023 12:00	02/14/2023 16:38	AC
							Certifications: NELAC-NY12058,NJDEP-Queens			
67-66-3	Chloroform	ND		ug/m³	1.6	3.306	EPA TO-15	02/07/2023 12:00	02/14/2023 16:38	AC
							Certifications: NELAC-NY12058,NJDEP-Queens			
74-87-3	**Chloromethane**	**0.82**		ug/m³	0.68	3.306	EPA TO-15	02/07/2023 12:00	02/14/2023 16:38	AC
							Certifications: NELAC-NY12058,NJDEP-Queens			
156-59-2	cis-1,2-Dichloroethylene	ND		ug/m³	0.33	3.306	EPA TO-15	02/07/2023 12:00	02/14/2023 16:38	AC
							Certifications: NELAC-NY12058,NJDEP-Queens			
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/m³	1.5	3.306	EPA TO-15	02/07/2023 12:00	02/14/2023 16:38	AC
							Certifications: NELAC-NY12058,NJDEP-Queens			
110-82-7	Cyclohexane	ND		ug/m³	1.1	3.306	EPA TO-15	02/07/2023 12:00	02/14/2023 16:38	AC
							Certifications: NELAC-NY12058,NJDEP-Queens			
124-48-1	Dibromochloromethane	ND		ug/m³	2.8	3.306	EPA TO-15	02/07/2023 12:00	02/14/2023 16:38	AC
							Certifications: NELAC-NY12058,NJDEP-Queens			
75-71-8	**Dichlorodifluoromethane**	**1.6**		ug/m³	1.6	3.306	EPA TO-15	02/07/2023 12:00	02/14/2023 16:38	AC
							Certifications: NELAC-NY12058,NJDEP-Queens			
141-78-6	* Ethyl acetate	ND		ug/m³	2.4	3.306	EPA TO-15	02/07/2023 12:00	02/14/2023 16:38	AC
							Certifications:			
100-41-4	**Ethyl Benzene**	**11**		ug/m³	1.4	3.306	EPA TO-15	02/07/2023 12:00	02/14/2023 16:38	AC
							Certifications: NELAC-NY12058,NJDEP-Queens			

Sample Information

Client Sample ID: SV-1 **York Sample ID:** 23B0236-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23B0236	B 62nd St	Soil Vapor	February 2, 2023 12:15 pm	02/06/2023

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
87-68-3	Hexachlorobutadiene	ND	TO-CCV, TO-LCS-L	ug/m³	3.5	3.306	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	02/07/2023 12:00	02/14/2023 16:38	AC
67-63-0	**Isopropanol**	**29**	B	ug/m³	3.3	3.306	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	02/07/2023 12:00	02/14/2023 16:38	AC
80-62-6	Methyl Methacrylate	ND		ug/m³	1.4	3.306	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	02/07/2023 12:00	02/14/2023 16:38	AC
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/m³	1.2	3.306	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	02/07/2023 12:00	02/14/2023 16:38	AC
75-09-2	Methylene chloride	ND		ug/m³	2.3	3.306	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	02/07/2023 12:00	02/14/2023 16:38	AC
142-82-5	**n-Heptane**	**2.6**		ug/m³	1.4	3.306	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	02/07/2023 12:00	02/14/2023 16:38	AC
110-54-3	**n-Hexane**	**5.5**		ug/m³	1.2	3.306	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	02/07/2023 12:00	02/14/2023 16:38	AC
95-47-6	**o-Xylene**	**8.8**		ug/m³	1.4	3.306	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	02/07/2023 12:00	02/14/2023 16:38	AC
179601-23-1	**p- & m- Xylenes**	**39**		ug/m³	2.9	3.306	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	02/07/2023 12:00	02/14/2023 16:38	AC
622-96-8	* p-Ethyltoluene	ND		ug/m³	1.6	3.306	EPA TO-15 Certifications:	02/07/2023 12:00	02/14/2023 16:38	AC
115-07-1	*** Propylene**	**78**		ug/m³	0.57	3.306	EPA TO-15 Certifications:	02/07/2023 12:00	02/14/2023 16:38	AC
100-42-5	Styrene	ND		ug/m³	1.4	3.306	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	02/07/2023 12:00	02/14/2023 16:38	AC
127-18-4	**Tetrachloroethylene**	**7.0**		ug/m³	2.2	3.306	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	02/07/2023 12:00	02/14/2023 16:38	AC
109-99-9	*** Tetrahydrofuran**	**3.0**		ug/m³	2.0	3.306	EPA TO-15 Certifications:	02/07/2023 12:00	02/14/2023 16:38	AC
108-88-3	**Toluene**	**72**		ug/m³	1.2	3.306	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	02/07/2023 12:00	02/14/2023 16:38	AC
156-60-5	trans-1,2-Dichloroethylene	ND		ug/m³	1.3	3.306	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	02/07/2023 12:00	02/14/2023 16:38	AC
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/m³	1.5	3.306	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	02/07/2023 12:00	02/14/2023 16:38	AC
79-01-6	Trichloroethylene	ND		ug/m³	0.44	3.306	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	02/07/2023 12:00	02/14/2023 16:38	AC
75-69-4	Trichlorofluoromethane (Freon 11)	ND		ug/m³	1.9	3.306	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	02/07/2023 12:00	02/14/2023 16:38	AC
108-05-4	Vinyl acetate	ND		ug/m³	1.2	3.306	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	02/07/2023 12:00	02/14/2023 16:38	AC
593-60-2	Vinyl bromide	ND		ug/m³	1.4	3.306	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	02/07/2023 12:00	02/14/2023 16:38	AC
75-01-4	Vinyl Chloride	ND		ug/m³	0.42	3.306	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	02/07/2023 12:00	02/14/2023 16:38	AC

Sample Information

Client Sample ID: SV-1 **York Sample ID:** 23B0236-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23B0236	B 62nd St	Soil Vapor	February 2, 2023 12:15 pm	02/06/2023

Sample Information

Client Sample ID: SV-2 **York Sample ID:** 23B0236-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23B0236	B 62nd St	Soil Vapor	February 2, 2023 2:07 pm	02/06/2023

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	2.2	3.192	EPA TO-15 Certifications:	02/07/2023 12:00	02/14/2023 00:29	AC
71-55-6	1,1,1-Trichloroethane	ND		ug/m³	1.7	3.192	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	02/07/2023 12:00	02/14/2023 00:29	AC
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/m³	2.2	3.192	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	02/07/2023 12:00	02/14/2023 00:29	AC
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/m³	2.4	3.192	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	02/07/2023 12:00	02/14/2023 00:29	AC
79-00-5	1,1,2-Trichloroethane	ND		ug/m³	1.7	3.192	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	02/07/2023 12:00	02/14/2023 00:29	AC
75-34-3	1,1-Dichloroethane	ND		ug/m³	1.3	3.192	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	02/07/2023 12:00	02/14/2023 00:29	AC
75-35-4	1,1-Dichloroethylene	ND		ug/m³	0.32	3.192	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	02/07/2023 12:00	02/14/2023 00:29	AC
120-82-1	1,2,4-Trichlorobenzene	ND	TO-CCV, TO-LCS-L	ug/m³	2.4	3.192	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	02/07/2023 12:00	02/14/2023 00:29	AC
95-63-6	**1,2,4-Trimethylbenzene**	**5.2**		ug/m³	1.6	3.192	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	02/07/2023 12:00	02/14/2023 00:29	AC
106-93-4	1,2-Dibromoethane	ND		ug/m³	2.5	3.192	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	02/07/2023 12:00	02/14/2023 00:29	AC
95-50-1	1,2-Dichlorobenzene	ND		ug/m³	1.9	3.192	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	02/07/2023 12:00	02/14/2023 00:29	AC
107-06-2	1,2-Dichloroethane	ND		ug/m³	1.3	3.192	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	02/07/2023 12:00	02/14/2023 00:29	AC
78-87-5	1,2-Dichloropropane	ND		ug/m³	1.5	3.192	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	02/07/2023 12:00	02/14/2023 00:29	AC
76-14-2	1,2-Dichlorotetrafluoroethane	ND		ug/m³	2.2	3.192	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	02/07/2023 12:00	02/14/2023 00:29	AC
108-67-8	**1,3,5-Trimethylbenzene**	**1.9**		ug/m³	1.6	3.192	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	02/07/2023 12:00	02/14/2023 00:29	AC
106-99-0	1,3-Butadiene	ND		ug/m³	2.1	3.192	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	02/07/2023 12:00	02/14/2023 00:29	AC
541-73-1	1,3-Dichlorobenzene	ND		ug/m³	1.9	3.192	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	02/07/2023 12:00	02/14/2023 00:29	AC
142-28-9	* 1,3-Dichloropropane	ND		ug/m³	1.5	3.192	EPA TO-15 Certifications:	02/07/2023 12:00	02/14/2023 00:29	AC

Sample Information

Client Sample ID: SV-2 **York Sample ID:** 23B0236-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23B0236	B 62nd St	Soil Vapor	February 2, 2023 2:07 pm	02/06/2023

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
106-46-7	1,4-Dichlorobenzene	ND		ug/m³	1.9	3.192	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	02/07/2023 12:00	02/14/2023 00:29	AC
123-91-1	1,4-Dioxane	ND		ug/m³	2.3	3.192	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	02/07/2023 12:00	02/14/2023 00:29	AC
78-93-3	**2-Butanone**	**11**		ug/m³	0.94	3.192	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	02/07/2023 12:00	02/14/2023 00:29	AC
591-78-6	* 2-Hexanone	ND		ug/m³	2.6	3.192	EPA TO-15 Certifications:	02/07/2023 12:00	02/14/2023 00:29	AC
107-05-1	3-Chloropropene	ND		ug/m³	5.0	3.192	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	02/07/2023 12:00	02/14/2023 00:29	AC
108-10-1	**4-Methyl-2-pentanone**	**1.8**		ug/m³	1.3	3.192	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	02/07/2023 12:00	02/14/2023 00:29	AC
67-64-1	**Acetone**	**160**		ug/m³	1.5	3.192	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	02/07/2023 12:00	02/14/2023 00:29	AC
107-13-1	Acrylonitrile	ND		ug/m³	0.69	3.192	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	02/07/2023 12:00	02/14/2023 00:29	AC
71-43-2	**Benzene**	**4.7**		ug/m³	1.0	3.192	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	02/07/2023 12:00	02/14/2023 00:29	AC
100-44-7	Benzyl chloride	ND		ug/m³	1.7	3.192	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	02/07/2023 12:00	02/14/2023 00:29	AC
75-27-4	Bromodichloromethane	ND		ug/m³	2.1	3.192	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	02/07/2023 12:00	02/14/2023 00:29	AC
75-25-2	Bromoform	ND		ug/m³	3.3	3.192	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	02/07/2023 12:00	02/14/2023 00:29	AC
74-83-9	Bromomethane	ND		ug/m³	1.2	3.192	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	02/07/2023 12:00	02/14/2023 00:29	AC
75-15-0	**Carbon disulfide**	**6.7**		ug/m³	0.99	3.192	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	02/07/2023 12:00	02/14/2023 00:29	AC
56-23-5	Carbon tetrachloride	ND		ug/m³	0.50	3.192	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	02/07/2023 12:00	02/14/2023 00:29	AC
108-90-7	Chlorobenzene	ND		ug/m³	1.5	3.192	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	02/07/2023 12:00	02/14/2023 00:29	AC
75-00-3	Chloroethane	ND		ug/m³	0.84	3.192	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	02/07/2023 12:00	02/14/2023 00:29	AC
67-66-3	Chloroform	ND		ug/m³	1.6	3.192	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	02/07/2023 12:00	02/14/2023 00:29	AC
74-87-3	**Chloromethane**	**0.73**		ug/m³	0.66	3.192	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	02/07/2023 12:00	02/14/2023 00:29	AC
156-59-2	cis-1,2-Dichloroethylene	ND		ug/m³	0.32	3.192	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	02/07/2023 12:00	02/14/2023 00:29	AC
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/m³	1.4	3.192	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	02/07/2023 12:00	02/14/2023 00:29	AC
110-82-7	**Cyclohexane**	**2.4**		ug/m³	1.1	3.192	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	02/07/2023 12:00	02/14/2023 00:29	AC
124-48-1	Dibromochloromethane	ND		ug/m³	2.7	3.192	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	02/07/2023 12:00	02/14/2023 00:29	AC

Sample Information

Client Sample ID: SV-2 **York Sample ID:** 23B0236-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23B0236	B 62nd St	Soil Vapor	February 2, 2023 2:07 pm	02/06/2023

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
75-71-8	**Dichlorodifluoromethane**	**2.7**		ug/m³	1.6	3.192	EPA TO-15	02/07/2023 12:00	02/14/2023 00:29	AC
							Certifications: NELAC-NY12058,NJDEP-Queens			
141-78-6	* Ethyl acetate	ND		ug/m³	2.3	3.192	EPA TO-15	02/07/2023 12:00	02/14/2023 00:29	AC
							Certifications:			
100-41-4	**Ethyl Benzene**	**11**		ug/m³	1.4	3.192	EPA TO-15	02/07/2023 12:00	02/14/2023 00:29	AC
							Certifications: NELAC-NY12058,NJDEP-Queens			
87-68-3	Hexachlorobutadiene	ND	TO-CCV	ug/m³	3.4	3.192	EPA TO-15	02/07/2023 12:00	02/14/2023 00:29	AC
							Certifications: NELAC-NY12058,NJDEP-Queens			
67-63-0	**Isopropanol**	**25**	B	ug/m³	3.1	3.192	EPA TO-15	02/07/2023 12:00	02/14/2023 00:29	AC
							Certifications: NELAC-NY12058,NJDEP-Queens			
80-62-6	Methyl Methacrylate	ND		ug/m³	1.3	3.192	EPA TO-15	02/07/2023 12:00	02/14/2023 00:29	AC
							Certifications: NELAC-NY12058,NJDEP-Queens			
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/m³	1.2	3.192	EPA TO-15	02/07/2023 12:00	02/14/2023 00:29	AC
							Certifications: NELAC-NY12058,NJDEP-Queens			
75-09-2	Methylene chloride	ND		ug/m³	2.2	3.192	EPA TO-15	02/07/2023 12:00	02/14/2023 00:29	AC
							Certifications: NELAC-NY12058,NJDEP-Queens			
142-82-5	**n-Heptane**	**300**		ug/m³	1.3	3.192	EPA TO-15	02/07/2023 12:00	02/14/2023 00:29	AC
							Certifications: NELAC-NY12058,NJDEP-Queens			
110-54-3	**n-Hexane**	**93**		ug/m³	1.1	3.192	EPA TO-15	02/07/2023 12:00	02/14/2023 00:29	AC
							Certifications: NELAC-NY12058,NJDEP-Queens			
95-47-6	**o-Xylene**	**12**		ug/m³	1.4	3.192	EPA TO-15	02/07/2023 12:00	02/14/2023 00:29	AC
							Certifications: NELAC-NY12058,NJDEP-Queens			
179601-23-1	**p- & m- Xylenes**	**38**		ug/m³	2.8	3.192	EPA TO-15	02/07/2023 12:00	02/14/2023 00:29	AC
							Certifications: NELAC-NY12058,NJDEP-Queens			
622-96-8	*** p-Ethyltoluene**	**3.9**		ug/m³	1.6	3.192	EPA TO-15	02/07/2023 12:00	02/14/2023 00:29	AC
							Certifications:			
115-07-1	*** Propylene**	**130**		ug/m³	0.55	3.192	EPA TO-15	02/07/2023 12:00	02/14/2023 00:29	AC
							Certifications:			
100-42-5	Styrene	ND		ug/m³	1.4	3.192	EPA TO-15	02/07/2023 12:00	02/14/2023 00:29	AC
							Certifications: NELAC-NY12058,NJDEP-Queens			
127-18-4	**Tetrachloroethylene**	**17**		ug/m³	2.2	3.192	EPA TO-15	02/07/2023 12:00	02/14/2023 00:29	AC
							Certifications: NELAC-NY12058,NJDEP-Queens			
109-99-9	*** Tetrahydrofuran**	**3.1**		ug/m³	1.9	3.192	EPA TO-15	02/07/2023 12:00	02/14/2023 00:29	AC
							Certifications:			
108-88-3	**Toluene**	**51**		ug/m³	1.2	3.192	EPA TO-15	02/07/2023 12:00	02/14/2023 00:29	AC
							Certifications: NELAC-NY12058,NJDEP-Queens			
156-60-5	trans-1,2-Dichloroethylene	ND		ug/m³	1.3	3.192	EPA TO-15	02/07/2023 12:00	02/14/2023 00:29	AC
							Certifications: NELAC-NY12058,NJDEP-Queens			
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/m³	1.4	3.192	EPA TO-15	02/07/2023 12:00	02/14/2023 00:29	AC
							Certifications: NELAC-NY12058,NJDEP-Queens			
79-01-6	Trichloroethylene	ND		ug/m³	0.43	3.192	EPA TO-15	02/07/2023 12:00	02/14/2023 00:29	AC
							Certifications: NELAC-NY12058,NJDEP-Queens			
75-69-4	Trichlorofluoromethane (Freon 11)	ND		ug/m³	1.8	3.192	EPA TO-15	02/07/2023 12:00	02/14/2023 00:29	AC
							Certifications: NELAC-NY12058,NJDEP-Queens			

Sample Information

Client Sample ID: SV-2 **York Sample ID:** 23B0236-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23B0236	B 62nd St	Soil Vapor	February 2, 2023 2:07 pm	02/06/2023

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
108-05-4	Vinyl acetate	ND		ug/m³	1.1	3.192	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	02/07/2023 12:00	02/14/2023 00:29	AC
593-60-2	Vinyl bromide	ND		ug/m³	1.4	3.192	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	02/07/2023 12:00	02/14/2023 00:29	AC
75-01-4	Vinyl Chloride	ND		ug/m³	0.41	3.192	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	02/07/2023 12:00	02/14/2023 00:29	AC

Sample Information

Client Sample ID: SV-3 **York Sample ID:** 23B0236-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23B0236	B 62nd St	Soil Vapor	February 2, 2023 2:20 pm	02/06/2023

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	11	16.01	EPA TO-15 Certifications:	02/07/2023 12:00	02/11/2023 06:29	AC
71-55-6	1,1,1-Trichloroethane	ND		ug/m³	8.7	16.01	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	02/07/2023 12:00	02/11/2023 06:29	AC
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/m³	11	16.01	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	02/07/2023 12:00	02/11/2023 06:29	AC
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/m³	12	16.01	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	02/07/2023 12:00	02/11/2023 06:29	AC
79-00-5	1,1,2-Trichloroethane	ND		ug/m³	8.7	16.01	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	02/07/2023 12:00	02/11/2023 06:29	AC
75-34-3	1,1-Dichloroethane	ND		ug/m³	6.5	16.01	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	02/07/2023 12:00	02/11/2023 06:29	AC
75-35-4	1,1-Dichloroethylene	ND		ug/m³	1.6	16.01	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	02/07/2023 12:00	02/11/2023 06:29	AC
120-82-1	1,2,4-Trichlorobenzene	ND	TO-CCV, TO-LCS-L	ug/m³	12	16.01	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	02/07/2023 12:00	02/11/2023 06:29	AC
95-63-6	1,2,4-Trimethylbenzene	ND		ug/m³	7.9	16.01	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	02/07/2023 12:00	02/11/2023 06:29	AC
106-93-4	1,2-Dibromoethane	ND		ug/m³	12	16.01	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	02/07/2023 12:00	02/11/2023 06:29	AC
95-50-1	1,2-Dichlorobenzene	ND		ug/m³	9.6	16.01	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	02/07/2023 12:00	02/11/2023 06:29	AC
107-06-2	1,2-Dichloroethane	ND		ug/m³	6.5	16.01	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	02/07/2023 12:00	02/11/2023 06:29	AC

Sample Information

Client Sample ID: SV-3 **York Sample ID:** 23B0236-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23B0236	B 62nd St	Soil Vapor	February 2, 2023 2:20 pm	02/06/2023

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	7.4	16.01	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	02/07/2023 12:00	02/11/2023 06:29	AC
76-14-2	1,2-Dichlorotetrafluoroethane	ND		ug/m³	11	16.01	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	02/07/2023 12:00	02/11/2023 06:29	AC
108-67-8	1,3,5-Trimethylbenzene	ND		ug/m³	7.9	16.01	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	02/07/2023 12:00	02/11/2023 06:29	AC
106-99-0	1,3-Butadiene	ND		ug/m³	11	16.01	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	02/07/2023 12:00	02/11/2023 06:29	AC
541-73-1	1,3-Dichlorobenzene	ND		ug/m³	9.6	16.01	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	02/07/2023 12:00	02/11/2023 06:29	AC
142-28-9	* 1,3-Dichloropropane	ND		ug/m³	7.4	16.01	EPA TO-15 Certifications:	02/07/2023 12:00	02/11/2023 06:29	AC
106-46-7	1,4-Dichlorobenzene	ND		ug/m³	9.6	16.01	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	02/07/2023 12:00	02/11/2023 06:29	AC
123-91-1	1,4-Dioxane	ND		ug/m³	12	16.01	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	02/07/2023 12:00	02/11/2023 06:29	AC
78-93-3	**2-Butanone**	**100**		ug/m³	4.7	16.01	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	02/07/2023 12:00	02/11/2023 06:29	AC
591-78-6	* 2-Hexanone	ND		ug/m³	13	16.01	EPA TO-15 Certifications:	02/07/2023 12:00	02/11/2023 06:29	AC
107-05-1	3-Chloropropene	ND		ug/m³	25	16.01	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	02/07/2023 12:00	02/11/2023 06:29	AC
108-10-1	4-Methyl-2-pentanone	ND		ug/m³	6.6	16.01	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	02/07/2023 12:00	02/11/2023 06:29	AC
67-64-1	**Acetone**	**340**		ug/m³	7.6	16.01	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	02/07/2023 12:00	02/11/2023 06:29	AC
107-13-1	**Acrylonitrile**	**4.9**		ug/m³	3.5	16.01	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	02/07/2023 12:00	02/11/2023 06:29	AC
71-43-2	**Benzene**	**9.2**		ug/m³	5.1	16.01	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	02/07/2023 12:00	02/11/2023 06:29	AC
100-44-7	Benzyl chloride	ND		ug/m³	8.3	16.01	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	02/07/2023 12:00	02/11/2023 06:29	AC
75-27-4	Bromodichloromethane	ND		ug/m³	11	16.01	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	02/07/2023 12:00	02/11/2023 06:29	AC
75-25-2	Bromoform	ND		ug/m³	17	16.01	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	02/07/2023 12:00	02/11/2023 06:29	AC
74-83-9	Bromomethane	ND		ug/m³	6.2	16.01	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	02/07/2023 12:00	02/11/2023 06:29	AC
75-15-0	**Carbon disulfide**	**23**		ug/m³	5.0	16.01	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	02/07/2023 12:00	02/11/2023 06:29	AC
56-23-5	Carbon tetrachloride	ND		ug/m³	2.5	16.01	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	02/07/2023 12:00	02/11/2023 06:29	AC
108-90-7	Chlorobenzene	ND		ug/m³	7.4	16.01	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	02/07/2023 12:00	02/11/2023 06:29	AC
75-00-3	Chloroethane	ND		ug/m³	4.2	16.01	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	02/07/2023 12:00	02/11/2023 06:29	AC

Sample Information

Client Sample ID: SV-3 **York Sample ID:** 23B0236-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23B0236	B 62nd St	Soil Vapor	February 2, 2023 2:20 pm	02/06/2023

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
67-66-3	Chloroform	ND		ug/m³	7.8	16.01	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	02/07/2023 12:00	02/11/2023 06:29	AC
74-87-3	Chloromethane	ND		ug/m³	3.3	16.01	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	02/07/2023 12:00	02/11/2023 06:29	AC
156-59-2	cis-1,2-Dichloroethylene	ND		ug/m³	1.6	16.01	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	02/07/2023 12:00	02/11/2023 06:29	AC
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/m³	7.3	16.01	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	02/07/2023 12:00	02/11/2023 06:29	AC
110-82-7	**Cyclohexane**	**28**		ug/m³	5.5	16.01	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	02/07/2023 12:00	02/11/2023 06:29	AC
124-48-1	Dibromochloromethane	ND		ug/m³	14	16.01	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	02/07/2023 12:00	02/11/2023 06:29	AC
75-71-8	Dichlorodifluoromethane	ND		ug/m³	7.9	16.01	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	02/07/2023 12:00	02/11/2023 06:29	AC
141-78-6	* Ethyl acetate	ND		ug/m³	12	16.01	EPA TO-15 Certifications:	02/07/2023 12:00	02/11/2023 06:29	AC
100-41-4	**Ethyl Benzene**	**9.0**		ug/m³	7.0	16.01	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	02/07/2023 12:00	02/11/2023 06:29	AC
87-68-3	Hexachlorobutadiene	ND		ug/m³	17	16.01	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	02/07/2023 12:00	02/11/2023 06:29	AC
67-63-0	**Isopropanol**	**27**		ug/m³	16	16.01	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	02/07/2023 12:00	02/11/2023 06:29	AC
80-62-6	Methyl Methacrylate	ND		ug/m³	6.6	16.01	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	02/07/2023 12:00	02/11/2023 06:29	AC
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/m³	5.8	16.01	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	02/07/2023 12:00	02/11/2023 06:29	AC
75-09-2	Methylene chloride	ND		ug/m³	11	16.01	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	02/07/2023 12:00	02/11/2023 06:29	AC
142-82-5	**n-Heptane**	**47**		ug/m³	6.6	16.01	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	02/07/2023 12:00	02/11/2023 06:29	AC
110-54-3	**n-Hexane**	**160**		ug/m³	5.6	16.01	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	02/07/2023 12:00	02/11/2023 06:29	AC
95-47-6	**o-Xylene**	**7.6**		ug/m³	7.0	16.01	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	02/07/2023 12:00	02/11/2023 06:29	AC
179601-23-1	**p- & m- Xylenes**	**33**		ug/m³	14	16.01	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	02/07/2023 12:00	02/11/2023 06:29	AC
622-96-8	* p-Ethyltoluene	ND		ug/m³	7.9	16.01	EPA TO-15 Certifications:	02/07/2023 12:00	02/11/2023 06:29	AC
115-07-1	*** Propylene**	**750**		ug/m³	2.8	16.01	EPA TO-15 Certifications:	02/07/2023 12:00	02/11/2023 06:29	AC
100-42-5	Styrene	ND		ug/m³	6.8	16.01	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	02/07/2023 12:00	02/11/2023 06:29	AC
127-18-4	**Tetrachloroethylene**	**20**		ug/m³	11	16.01	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	02/07/2023 12:00	02/11/2023 06:29	AC
109-99-9	* Tetrahydrofuran	ND		ug/m³	9.4	16.01	EPA TO-15 Certifications:	02/07/2023 12:00	02/11/2023 06:29	AC

Sample Information

Client Sample ID: SV-3 **York Sample ID:** 23B0236-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23B0236	B 62nd St	Soil Vapor	February 2, 2023 2:20 pm	02/06/2023

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
108-88-3	**Toluene**	**43**		ug/m³	6.0	16.01	EPA TO-15	02/07/2023 12:00	02/11/2023 06:29	AC
							Certifications:	NELAC-NY12058,NJDEP-Queens		
156-60-5	trans-1,2-Dichloroethylene	ND		ug/m³	6.3	16.01	EPA TO-15	02/07/2023 12:00	02/11/2023 06:29	AC
							Certifications:	NELAC-NY12058,NJDEP-Queens		
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/m³	7.3	16.01	EPA TO-15	02/07/2023 12:00	02/11/2023 06:29	AC
							Certifications:	NELAC-NY12058,NJDEP-Queens		
79-01-6	Trichloroethylene	ND		ug/m³	2.2	16.01	EPA TO-15	02/07/2023 12:00	02/11/2023 06:29	AC
							Certifications:	NELAC-NY12058,NJDEP-Queens		
75-69-4	Trichlorofluoromethane (Freon 11)	ND		ug/m³	9.0	16.01	EPA TO-15	02/07/2023 12:00	02/11/2023 06:29	AC
							Certifications:	NELAC-NY12058,NJDEP-Queens		
108-05-4	Vinyl acetate	ND		ug/m³	5.6	16.01	EPA TO-15	02/07/2023 12:00	02/11/2023 06:29	AC
							Certifications:	NELAC-NY12058,NJDEP-Queens		
593-60-2	Vinyl bromide	ND		ug/m³	7.0	16.01	EPA TO-15	02/07/2023 12:00	02/11/2023 06:29	AC
							Certifications:	NELAC-NY12058,NJDEP-Queens		
75-01-4	Vinyl Chloride	ND		ug/m³	2.0	16.01	EPA TO-15	02/07/2023 12:00	02/11/2023 06:29	AC
							Certifications:	NELAC-NY12058,NJDEP-Queens		

Sample Information

Client Sample ID: SV-3 **York Sample ID:** 23B0236-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23B0236	B 62nd St	Outdoor Ambient Air	February 2, 2023 1:26 pm	02/06/2023

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	0.55	0.795	EPA TO-15	02/07/2023 12:00	02/10/2023 23:00	AC
							Certifications:			
71-55-6	1,1,1-Trichloroethane	ND		ug/m³	0.43	0.795	EPA TO-15	02/07/2023 12:00	02/10/2023 23:00	AC
							Certifications:	NELAC-NY12058,NJDEP-Queens		
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/m³	0.55	0.795	EPA TO-15	02/07/2023 12:00	02/10/2023 23:00	AC
							Certifications:	NELAC-NY12058,NJDEP-Queens		
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/m³	0.61	0.795	EPA TO-15	02/07/2023 12:00	02/10/2023 23:00	AC
							Certifications:	NELAC-NY12058,NJDEP-Queens		
79-00-5	1,1,2-Trichloroethane	ND		ug/m³	0.43	0.795	EPA TO-15	02/07/2023 12:00	02/10/2023 23:00	AC
							Certifications:	NELAC-NY12058,NJDEP-Queens		
75-34-3	1,1-Dichloroethane	ND		ug/m³	0.32	0.795	EPA TO-15	02/07/2023 12:00	02/10/2023 23:00	AC
							Certifications:	NELAC-NY12058,NJDEP-Queens		
75-35-4	1,1-Dichloroethylene	ND		ug/m³	0.079	0.795	EPA TO-15	02/07/2023 12:00	02/10/2023 23:00	AC
							Certifications:	NELAC-NY12058,NJDEP-Queens		

Sample Information

Client Sample ID: SV-3 **York Sample ID:** 23B0236-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23B0236	B 62nd St	Outdoor Ambient Air	February 2, 2023 1:26 pm	02/06/2023

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
120-82-1	1,2,4-Trichlorobenzene	ND	TO-CCV, TO-LCS-L	ug/m³	0.59	0.795	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	02/07/2023 12:00	02/10/2023 23:00	AC
95-63-6	1,2,4-Trimethylbenzene	ND		ug/m³	0.39	0.795	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	02/07/2023 12:00	02/10/2023 23:00	AC
106-93-4	1,2-Dibromoethane	ND		ug/m³	0.61	0.795	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	02/07/2023 12:00	02/10/2023 23:00	AC
95-50-1	1,2-Dichlorobenzene	ND		ug/m³	0.48	0.795	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	02/07/2023 12:00	02/10/2023 23:00	AC
107-06-2	1,2-Dichloroethane	ND		ug/m³	0.32	0.795	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	02/07/2023 12:00	02/10/2023 23:00	AC
78-87-5	1,2-Dichloropropane	ND		ug/m³	0.37	0.795	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	02/07/2023 12:00	02/10/2023 23:00	AC
76-14-2	1,2-Dichlorotetrafluoroethane	ND		ug/m³	0.56	0.795	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	02/07/2023 12:00	02/10/2023 23:00	AC
108-67-8	1,3,5-Trimethylbenzene	ND		ug/m³	0.39	0.795	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	02/07/2023 12:00	02/10/2023 23:00	AC
106-99-0	1,3-Butadiene	ND		ug/m³	0.53	0.795	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	02/07/2023 12:00	02/10/2023 23:00	AC
541-73-1	1,3-Dichlorobenzene	ND		ug/m³	0.48	0.795	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	02/07/2023 12:00	02/10/2023 23:00	AC
142-28-9	* 1,3-Dichloropropane	ND		ug/m³	0.37	0.795	EPA TO-15 Certifications:	02/07/2023 12:00	02/10/2023 23:00	AC
106-46-7	1,4-Dichlorobenzene	ND		ug/m³	0.48	0.795	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	02/07/2023 12:00	02/10/2023 23:00	AC
123-91-1	1,4-Dioxane	ND		ug/m³	0.57	0.795	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	02/07/2023 12:00	02/10/2023 23:00	AC
78-93-3	**2-Butanone**	**0.33**		ug/m³	0.23	0.795	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	02/07/2023 12:00	02/10/2023 23:00	AC
591-78-6	* 2-Hexanone	ND		ug/m³	0.65	0.795	EPA TO-15 Certifications:	02/07/2023 12:00	02/10/2023 23:00	AC
107-05-1	3-Chloropropene	ND		ug/m³	1.2	0.795	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	02/07/2023 12:00	02/10/2023 23:00	AC
108-10-1	4-Methyl-2-pentanone	ND		ug/m³	0.33	0.795	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	02/07/2023 12:00	02/10/2023 23:00	AC
67-64-1	**Acetone**	**2.9**		ug/m³	0.38	0.795	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	02/07/2023 12:00	02/10/2023 23:00	AC
107-13-1	Acrylonitrile	ND		ug/m³	0.17	0.795	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	02/07/2023 12:00	02/10/2023 23:00	AC
71-43-2	**Benzene**	**0.46**		ug/m³	0.25	0.795	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	02/07/2023 12:00	02/10/2023 23:00	AC
100-44-7	Benzyl chloride	ND		ug/m³	0.41	0.795	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	02/07/2023 12:00	02/10/2023 23:00	AC
75-27-4	Bromodichloromethane	ND		ug/m³	0.53	0.795	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	02/07/2023 12:00	02/10/2023 23:00	AC

Sample Information

Client Sample ID: SV-3 **York Sample ID:** 23B0236-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23B0236	B 62nd St	Outdoor Ambient Air	February 2, 2023 1:26 pm	02/06/2023

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
75-25-2	Bromoform	ND		ug/m³	0.82	0.795	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	02/07/2023 12:00	02/10/2023 23:00	AC
74-83-9	Bromomethane	ND		ug/m³	0.31	0.795	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	02/07/2023 12:00	02/10/2023 23:00	AC
75-15-0	Carbon disulfide	ND		ug/m³	0.25	0.795	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	02/07/2023 12:00	02/10/2023 23:00	AC
56-23-5	**Carbon tetrachloride**	**0.30**		ug/m³	0.13	0.795	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	02/07/2023 12:00	02/10/2023 23:00	AC
108-90-7	Chlorobenzene	ND		ug/m³	0.37	0.795	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	02/07/2023 12:00	02/10/2023 23:00	AC
75-00-3	Chloroethane	ND		ug/m³	0.21	0.795	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	02/07/2023 12:00	02/10/2023 23:00	AC
67-66-3	Chloroform	ND		ug/m³	0.39	0.795	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	02/07/2023 12:00	02/10/2023 23:00	AC
74-87-3	**Chloromethane**	**0.95**		ug/m³	0.16	0.795	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	02/07/2023 12:00	02/10/2023 23:00	AC
156-59-2	cis-1,2-Dichloroethylene	ND		ug/m³	0.079	0.795	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	02/07/2023 12:00	02/10/2023 23:00	AC
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/m³	0.36	0.795	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	02/07/2023 12:00	02/10/2023 23:00	AC
110-82-7	Cyclohexane	ND		ug/m³	0.27	0.795	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	02/07/2023 12:00	02/10/2023 23:00	AC
124-48-1	Dibromochloromethane	ND		ug/m³	0.68	0.795	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	02/07/2023 12:00	02/10/2023 23:00	AC
75-71-8	**Dichlorodifluoromethane**	**1.7**		ug/m³	0.39	0.795	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	02/07/2023 12:00	02/10/2023 23:00	AC
141-78-6	* Ethyl acetate	ND		ug/m³	0.57	0.795	EPA TO-15 Certifications:	02/07/2023 12:00	02/10/2023 23:00	AC
100-41-4	Ethyl Benzene	ND		ug/m³	0.35	0.795	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	02/07/2023 12:00	02/10/2023 23:00	AC
87-68-3	Hexachlorobutadiene	ND		ug/m³	0.85	0.795	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	02/07/2023 12:00	02/10/2023 23:00	AC
67-63-0	**Isopropanol**	**2.6**		ug/m³	0.78	0.795	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	02/07/2023 12:00	02/10/2023 23:00	AC
80-62-6	Methyl Methacrylate	ND		ug/m³	0.33	0.795	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	02/07/2023 12:00	02/10/2023 23:00	AC
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/m³	0.29	0.795	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	02/07/2023 12:00	02/10/2023 23:00	AC
75-09-2	**Methylene chloride**	**0.66**		ug/m³	0.55	0.795	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	02/07/2023 12:00	02/10/2023 23:00	AC
142-82-5	n-Heptane	ND		ug/m³	0.33	0.795	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	02/07/2023 12:00	02/10/2023 23:00	AC
110-54-3	n-Hexane	ND		ug/m³	0.28	0.795	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	02/07/2023 12:00	02/10/2023 23:00	AC
95-47-6	o-Xylene	ND		ug/m³	0.35	0.795	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	02/07/2023 12:00	02/10/2023 23:00	AC

Sample Information

Client Sample ID: SV-3 **York Sample ID:** 23B0236-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23B0236	B 62nd St	Outdoor Ambient Air	February 2, 2023 1:26 pm	02/06/2023

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
179601-23-1	p- & m- Xylenes	ND		ug/m³	0.69	0.795	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	02/07/2023 12:00	02/10/2023 23:00	AC
622-96-8	* p-Ethyltoluene	ND		ug/m³	0.39	0.795	EPA TO-15 Certifications:	02/07/2023 12:00	02/10/2023 23:00	AC
115-07-1	* Propylene	ND		ug/m³	0.14	0.795	EPA TO-15 Certifications:	02/07/2023 12:00	02/10/2023 23:00	AC
100-42-5	Styrene	ND		ug/m³	0.34	0.795	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	02/07/2023 12:00	02/10/2023 23:00	AC
127-18-4	Tetrachloroethylene	ND		ug/m³	0.54	0.795	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	02/07/2023 12:00	02/10/2023 23:00	AC
109-99-9	* Tetrahydrofuran	ND		ug/m³	0.47	0.795	EPA TO-15 Certifications:	02/07/2023 12:00	02/10/2023 23:00	AC
108-88-3	**Toluene**	**0.45**		ug/m³	0.30	0.795	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	02/07/2023 12:00	02/10/2023 23:00	AC
156-60-5	trans-1,2-Dichloroethylene	ND		ug/m³	0.32	0.795	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	02/07/2023 12:00	02/10/2023 23:00	AC
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/m³	0.36	0.795	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	02/07/2023 12:00	02/10/2023 23:00	AC
79-01-6	Trichloroethylene	ND		ug/m³	0.11	0.795	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	02/07/2023 12:00	02/10/2023 23:00	AC
75-69-4	**Trichlorofluoromethane (Freon 11)**	**0.89**		ug/m³	0.45	0.795	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	02/07/2023 12:00	02/10/2023 23:00	AC
108-05-4	Vinyl acetate	ND		ug/m³	0.28	0.795	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	02/07/2023 12:00	02/10/2023 23:00	AC
593-60-2	Vinyl bromide	ND		ug/m³	0.35	0.795	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	02/07/2023 12:00	02/10/2023 23:00	AC
75-01-4	Vinyl Chloride	ND		ug/m³	0.10	0.795	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	02/07/2023 12:00	02/10/2023 23:00	AC

Analytical Batch Summary

Batch ID: BB30718 **Preparation Method:** EPA TO15 PREP **Prepared By:** AC

YORK Sample ID	Client Sample ID	Preparation Date
23B0236-03	SV-3	02/07/23
23B0236-04	SV-3	02/07/23
BB30718-BLK1	Blank	02/10/23
BB30718-BS1	LCS	02/10/23

Batch ID: BB30755 **Preparation Method:** EPA TO15 PREP **Prepared By:** AC

YORK Sample ID	Client Sample ID	Preparation Date
23B0236-02	SV-2	02/07/23
BB30755-BLK1	Blank	02/13/23
BB30755-BS1	LCS	02/13/23

Batch ID: BB30845 **Preparation Method:** EPA TO15 PREP **Prepared By:** AC

YORK Sample ID	Client Sample ID	Preparation Date
23B0236-01	SV-1	02/07/23
BB30845-BLK1	Blank	02/14/23
BB30845-BS1	LCS	02/14/23

Volatile Organic Compounds in Air by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BB30718 - EPA TO15 PREP											
Blank (BB30718-BLK1)											Prepared & Analyzed: 02/10/2023
1,1,1,2-Tetrachloroethane	ND	0.69	ug/m³								
1,1,1-Trichloroethane	ND	0.55	"								
1,1,2,2-Tetrachloroethane	ND	0.69	"								
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	0.77	"								
1,1,2-Trichloroethane	ND	0.55	"								
1,1-Dichloroethane	ND	0.40	"								
1,1-Dichloroethylene	ND	0.099	"								
1,2,4-Trichlorobenzene	ND	0.74	"								
1,2,4-Trimethylbenzene	ND	0.49	"								
1,2-Dibromoethane	ND	0.77	"								
1,2-Dichlorobenzene	ND	0.60	"								
1,2-Dichloroethane	ND	0.40	"								
1,2-Dichloropropane	ND	0.46	"								
1,2-Dichlorotetrafluoroethane	ND	0.70	"								
1,3,5-Trimethylbenzene	ND	0.49	"								
1,3-Butadiene	ND	0.66	"								
1,3-Dichlorobenzene	ND	0.60	"								
1,3-Dichloropropane	ND	0.46	"								
1,4-Dichlorobenzene	ND	0.60	"								
1,4-Dioxane	ND	0.72	"								
2-Butanone	ND	0.29	"								
2-Hexanone	ND	0.82	"								
3-Chloropropene	ND	1.6	"								
4-Methyl-2-pentanone	ND	0.41	"								
Acetone	ND	0.48	"								
Acrylonitrile	ND	0.22	"								
Benzene	ND	0.32	"								
Benzyl chloride	ND	0.52	"								
Bromodichloromethane	ND	0.67	"								
Bromoform	ND	1.0	"								
Bromomethane	ND	0.39	"								
Carbon disulfide	ND	0.31	"								
Carbon tetrachloride	ND	0.16	"								
Chlorobenzene	ND	0.46	"								
Chloroethane	ND	0.26	"								
Chloroform	ND	0.49	"								
Chloromethane	ND	0.21	"								
cis-1,2-Dichloroethylene	ND	0.099	"								
cis-1,3-Dichloropropylene	ND	0.45	"								
Cyclohexane	ND	0.34	"								
Dibromochloromethane	ND	0.85	"								
Dichlorodifluoromethane	ND	0.49	"								
Ethyl acetate	ND	0.72	"								
Ethyl Benzene	ND	0.43	"								
Hexachlorobutadiene	ND	1.1	"								
Isopropanol	ND	0.49	"								
Methyl Methacrylate	ND	0.41	"								
Methyl tert-butyl ether (MTBE)	ND	0.36	"								
Methylene chloride	ND	0.69	"								

Volatile Organic Compounds in Air by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BB30718 - EPA TO15 PREP											
Blank (BB30718-BLK1)								Prepared & Analyzed: 02/10/2023			
n-Heptane	ND	0.41	ug/m³								
n-Hexane	ND	0.35	"								
o-Xylene	ND	0.43	"								
p- & m- Xylenes	ND	0.87	"								
p-Ethyltoluene	ND	0.49	"								
Propylene	ND	0.17	"								
Styrene	ND	0.43	"								
Tetrachloroethylene	ND	0.68	"								
Tetrahydrofuran	ND	0.59	"								
Toluene	ND	0.38	"								
trans-1,2-Dichloroethylene	ND	0.40	"								
trans-1,3-Dichloropropylene	ND	0.45	"								
Trichloroethylene	ND	0.13	"								
Trichlorofluoromethane (Freon 11)	ND	0.56	"								
Vinyl acetate	ND	0.35	"								
Vinyl bromide	ND	0.44	"								
Vinyl Chloride	ND	0.13	"								
LCS (BB30718-BS1)								Prepared & Analyzed: 02/10/2023			
1,1,1,2-Tetrachloroethane	8.99		ppbv	10.0		89.9	70-130				
1,1,1-Trichloroethane	9.00		"	10.0		90.0	70-130				
1,1,2,2-Tetrachloroethane	8.32		"	10.0		83.2	70-130				
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	8.32		"	10.0		83.2	70-130				
1,1,2-Trichloroethane	8.54		"	10.0		85.4	70-130				
1,1-Dichloroethane	8.25		"	10.0		82.5	70-130				
1,1-Dichloroethylene	7.53		"	10.0		75.3	70-130				
1,2,4-Trichlorobenzene	5.61		"	10.0		56.1	70-130	Low Bias			
1,2,4-Trimethylbenzene	8.18		"	10.0		81.8	70-130				
1,2-Dibromoethane	8.76		"	10.0		87.6	70-130				
1,2-Dichlorobenzene	8.17		"	10.0		81.7	70-130				
1,2-Dichloroethane	8.45		"	10.0		84.5	70-130				
1,2-Dichloropropane	8.30		"	10.0		83.0	70-130				
1,2-Dichlorotetrafluoroethane	7.25		"	10.0		72.5	70-130				
1,3,5-Trimethylbenzene	7.98		"	10.0		79.8	70-130				
1,3-Butadiene	8.49		"	10.0		84.9	70-130				
1,3-Dichlorobenzene	8.52		"	10.0		85.2	70-130				
1,3-Dichloropropane	8.60		"	10.0		86.0	70-130				
1,4-Dichlorobenzene	8.68		"	10.0		86.8	70-130				
1,4-Dioxane	8.39		"	10.0		83.9	70-130				
2-Butanone	8.37		"	10.0		83.7	70-130				
2-Hexanone	8.71		"	10.0		87.1	70-130				
3-Chloropropene	8.83		"	10.0		88.3	70-130				
4-Methyl-2-pentanone	8.46		"	10.0		84.6	70-130				
Acetone	7.36		"	10.0		73.6	70-130				
Acrylonitrile	8.65		"	10.0		86.5	70-130				
Benzene	8.28		"	10.0		82.8	70-130				
Benzyl chloride	7.65		"	10.0		76.5	70-130				
Bromodichloromethane	9.31		"	10.0		93.1	70-130				
Bromoform	9.49		"	10.0		94.9	70-130				
Bromomethane	7.39		"	10.0		73.9	70-130				
Carbon disulfide	8.52		"	10.0		85.2	70-130				

Volatile Organic Compounds in Air by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BB30718 - EPA TO15 PREP											
LCS (BB30718-BS1)								Prepared & Analyzed: 02/10/2023			
Carbon tetrachloride	9.98		ppbv	10.0		99.8	70-130				
Chlorobenzene	7.98		"	10.0		79.8	70-130				
Chloroethane	7.55		"	10.0		75.5	70-130				
Chloroform	8.56		"	10.0		85.6	70-130				
Chloromethane	8.14		"	10.0		81.4	70-130				
cis-1,2-Dichloroethylene	7.57		"	10.0		75.7	70-130				
cis-1,3-Dichloropropylene	9.51		"	10.0		95.1	70-130				
Cyclohexane	8.87		"	10.0		88.7	70-130				
Dibromochloromethane	10.0		"	10.0		100	70-130				
Dichlorodifluoromethane	7.90		"	10.0		79.0	70-130				
Ethyl acetate	8.75		"	10.0		87.5	70-130				
Ethyl Benzene	8.46		"	10.0		84.6	70-130				
Hexachlorobutadiene	7.41		"	10.0		74.1	70-130				
Isopropanol	8.10		"	10.0		81.0	70-130				
Methyl Methacrylate	8.73		"	10.0		87.3	70-130				
Methyl tert-butyl ether (MTBE)	8.94		"	10.0		89.4	70-130				
Methylene chloride	8.81		"	10.0		88.1	70-130				
n-Heptane	9.20		"	10.0		92.0	70-130				
n-Hexane	9.09		"	10.0		90.9	70-130				
o-Xylene	8.67		"	10.0		86.7	70-130				
p- & m- Xylenes	16.9		"	20.0		84.5	70-130				
p-Ethyltoluene	8.28		"	10.0		82.8	70-130				
Propylene	7.43		"	10.0		74.3	70-130				
Styrene	8.93		"	10.0		89.3	70-130				
Tetrachloroethylene	8.40		"	10.0		84.0	70-130				
Tetrahydrofuran	8.62		"	10.0		86.2	70-130				
Toluene	8.52		"	10.0		85.2	70-130				
trans-1,2-Dichloroethylene	8.38		"	10.0		83.8	70-130				
trans-1,3-Dichloropropylene	9.50		"	10.0		95.0	70-130				
Trichloroethylene	7.97		"	10.0		79.7	70-130				
Trichlorofluoromethane (Freon 11)	8.29		"	10.0		82.9	70-130				
Vinyl acetate	9.17		"	10.0		91.7	70-130				
Vinyl bromide	8.74		"	10.0		87.4	70-130				
Vinyl Chloride	7.60		"	10.0		76.0	70-130				

Volatile Organic Compounds in Air by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BB30755 - EPA TO15 PREP											
Blank (BB30755-BLK1)											Prepared & Analyzed: 02/13/2023
1,1,1,2-Tetrachloroethane	ND	0.69	ug/m³								
1,1,1-Trichloroethane	ND	0.55	"								
1,1,2,2-Tetrachloroethane	ND	0.69	"								
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	0.77	"								
1,1,2-Trichloroethane	ND	0.55	"								
1,1-Dichloroethane	ND	0.40	"								
1,1-Dichloroethylene	ND	0.099	"								
1,2,4-Trichlorobenzene	ND	0.74	"								
1,2,4-Trimethylbenzene	ND	0.49	"								
1,2-Dibromoethane	ND	0.77	"								
1,2-Dichlorobenzene	ND	0.60	"								
1,2-Dichloroethane	ND	0.40	"								
1,2-Dichloropropane	ND	0.46	"								
1,2-Dichlorotetrafluoroethane	ND	0.70	"								
1,3,5-Trimethylbenzene	ND	0.49	"								
1,3-Butadiene	ND	0.66	"								
1,3-Dichlorobenzene	ND	0.60	"								
1,3-Dichloropropane	ND	0.46	"								
1,4-Dichlorobenzene	ND	0.60	"								
1,4-Dioxane	ND	0.72	"								
2-Butanone	ND	0.29	"								
2-Hexanone	ND	0.82	"								
3-Chloropropene	ND	1.6	"								
4-Methyl-2-pentanone	ND	0.41	"								
Acetone	ND	0.48	"								
Acrylonitrile	ND	0.22	"								
Benzene	ND	0.32	"								
Benzyl chloride	ND	0.52	"								
Bromodichloromethane	ND	0.67	"								
Bromoform	ND	1.0	"								
Bromomethane	ND	0.39	"								
Carbon disulfide	ND	0.31	"								
Carbon tetrachloride	ND	0.16	"								
Chlorobenzene	ND	0.46	"								
Chloroethane	ND	0.26	"								
Chloroform	ND	0.49	"								
Chloromethane	ND	0.21	"								
cis-1,2-Dichloroethylene	ND	0.099	"								
cis-1,3-Dichloropropylene	ND	0.45	"								
Cyclohexane	ND	0.34	"								
Dibromochloromethane	ND	0.85	"								
Dichlorodifluoromethane	ND	0.49	"								
Ethyl acetate	ND	0.72	"								
Ethyl Benzene	ND	0.43	"								
Hexachlorobutadiene	ND	1.1	"								
Isopropanol	0.76	0.49	"								
Methyl Methacrylate	ND	0.41	"								
Methyl tert-butyl ether (MTBE)	ND	0.36	"								
Methylene chloride	ND	0.69	"								
n-Heptane	ND	0.41	"								

Volatile Organic Compounds in Air by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BB30755 - EPA TO15 PREP											
Blank (BB30755-BLK1)								Prepared & Analyzed: 02/13/2023			
n-Hexane	ND	0.35	ug/m³								
o-Xylene	ND	0.43	"								
p- & m- Xylenes	ND	0.87	"								
p-Ethyltoluene	ND	0.49	"								
Propylene	ND	0.17	"								
Styrene	ND	0.43	"								
Tetrachloroethylene	ND	0.68	"								
Tetrahydrofuran	ND	0.59	"								
Toluene	ND	0.38	"								
trans-1,2-Dichloroethylene	ND	0.40	"								
trans-1,3-Dichloropropylene	ND	0.45	"								
Trichloroethylene	ND	0.13	"								
Trichlorofluoromethane (Freon 11)	ND	0.56	"								
Vinyl acetate	ND	0.35	"								
Vinyl bromide	ND	0.44	"								
Vinyl Chloride	ND	0.13	"								
LCS (BB30755-BS1)								Prepared & Analyzed: 02/13/2023			
1,1,1,2-Tetrachloroethane	9.15		ppbv	10.0		91.5	70-130				
1,1,1-Trichloroethane	8.92		"	10.0		89.2	70-130				
1,1,2,2-Tetrachloroethane	8.57		"	10.0		85.7	70-130				
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	8.36		"	10.0		83.6	70-130				
1,1,2-Trichloroethane	8.92		"	10.0		89.2	70-130				
1,1-Dichloroethane	8.30		"	10.0		83.0	70-130				
1,1-Dichloroethylene	7.55		"	10.0		75.5	70-130				
1,2,4-Trichlorobenzene	5.94		"	10.0		59.4	70-130	Low Bias			
1,2,4-Trimethylbenzene	8.11		"	10.0		81.1	70-130				
1,2-Dibromoethane	8.84		"	10.0		88.4	70-130				
1,2-Dichlorobenzene	8.38		"	10.0		83.8	70-130				
1,2-Dichloroethane	8.24		"	10.0		82.4	70-130				
1,2-Dichloropropane	8.63		"	10.0		86.3	70-130				
1,2-Dichlorotetrafluoroethane	7.78		"	10.0		77.8	70-130				
1,3,5-Trimethylbenzene	7.91		"	10.0		79.1	70-130				
1,3-Butadiene	8.73		"	10.0		87.3	70-130				
1,3-Dichlorobenzene	8.87		"	10.0		88.7	70-130				
1,3-Dichloropropane	8.64		"	10.0		86.4	70-130				
1,4-Dichlorobenzene	8.93		"	10.0		89.3	70-130				
1,4-Dioxane	8.53		"	10.0		85.3	70-130				
2-Butanone	8.28		"	10.0		82.8	70-130				
2-Hexanone	9.18		"	10.0		91.8	70-130				
3-Chloropropene	9.20		"	10.0		92.0	70-130				
4-Methyl-2-pentanone	8.72		"	10.0		87.2	70-130				
Acetone	7.41		"	10.0		74.1	70-130				
Acrylonitrile	8.70		"	10.0		87.0	70-130				
Benzene	8.33		"	10.0		83.3	70-130				
Benzyl chloride	8.31		"	10.0		83.1	70-130				
Bromodichloromethane	9.50		"	10.0		95.0	70-130				
Bromoform	10.0		"	10.0		100	70-130				
Bromomethane	7.46		"	10.0		74.6	70-130				
Carbon disulfide	8.64		"	10.0		86.4	70-130				
Carbon tetrachloride	9.98		"	10.0		99.8	70-130				

Volatile Organic Compounds in Air by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BB30755 - EPA TO15 PREP											
LCS (BB30755-BS1)							Prepared & Analyzed: 02/13/2023				
Chlorobenzene	8.24		ppbv	10.0		82.4	70-130				
Chloroethane	7.75		"	10.0		77.5	70-130				
Chloroform	8.62		"	10.0		86.2	70-130				
Chloromethane	8.42		"	10.0		84.2	70-130				
cis-1,2-Dichloroethylene	7.39		"	10.0		73.9	70-130				
cis-1,3-Dichloropropylene	9.87		"	10.0		98.7	70-130				
Cyclohexane	8.93		"	10.0		89.3	70-130				
Dibromochloromethane	10.5		"	10.0		105	70-130				
Dichlorodifluoromethane	8.11		"	10.0		81.1	70-130				
Ethyl acetate	8.77		"	10.0		87.7	70-130				
Ethyl Benzene	8.52		"	10.0		85.2	70-130				
Hexachlorobutadiene	7.44		"	10.0		74.4	70-130				
Isopropanol	8.38		"	10.0		83.8	70-130				
Methyl Methacrylate	8.84		"	10.0		88.4	70-130				
Methyl tert-butyl ether (MTBE)	9.05		"	10.0		90.5	70-130				
Methylene chloride	9.07		"	10.0		90.7	70-130				
n-Heptane	9.19		"	10.0		91.9	70-130				
n-Hexane	9.08		"	10.0		90.8	70-130				
o-Xylene	8.82		"	10.0		88.2	70-130				
p- & m- Xylenes	17.1		"	20.0		85.4	70-130				
p-Ethyltoluene	8.31		"	10.0		83.1	70-130				
Propylene	7.73		"	10.0		77.3	70-130				
Styrene	9.21		"	10.0		92.1	70-130				
Tetrachloroethylene	8.62		"	10.0		86.2	70-130				
Tetrahydrofuran	8.69		"	10.0		86.9	70-130				
Toluene	8.74		"	10.0		87.4	70-130				
trans-1,2-Dichloroethylene	8.52		"	10.0		85.2	70-130				
trans-1,3-Dichloropropylene	9.89		"	10.0		98.9	70-130				
Trichloroethylene	8.14		"	10.0		81.4	70-130				
Trichlorofluoromethane (Freon 11)	8.39		"	10.0		83.9	70-130				
Vinyl acetate	9.28		"	10.0		92.8	70-130				
Vinyl bromide	8.88		"	10.0		88.8	70-130				
Vinyl Chloride	7.65		"	10.0		76.5	70-130				

Volatile Organic Compounds in Air by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BB30845 - EPA TO15 PREP											
Blank (BB30845-BLK1)											
Prepared & Analyzed: 02/14/2023											
1,1,1,2-Tetrachloroethane	ND	0.69	ug/m³								
1,1,1-Trichloroethane	ND	0.55	"								
1,1,2,2-Tetrachloroethane	ND	0.69	"								
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	0.77	"								
1,1,2-Trichloroethane	ND	0.55	"								
1,1-Dichloroethane	ND	0.40	"								
1,1-Dichloroethylene	ND	0.099	"								
1,2,4-Trichlorobenzene	ND	0.74	"								
1,2,4-Trimethylbenzene	ND	0.49	"								
1,2-Dibromoethane	ND	0.77	"								
1,2-Dichlorobenzene	ND	0.60	"								
1,2-Dichloroethane	ND	0.40	"								
1,2-Dichloropropane	ND	0.46	"								
1,2-Dichlorotetrafluoroethane	ND	0.70	"								
1,3,5-Trimethylbenzene	ND	0.49	"								
1,3-Butadiene	ND	0.66	"								
1,3-Dichlorobenzene	ND	0.60	"								
1,3-Dichloropropane	ND	0.46	"								
1,4-Dichlorobenzene	ND	0.60	"								
1,4-Dioxane	ND	0.72	"								
2-Butanone	ND	0.29	"								
2-Hexanone	ND	0.82	"								
3-Chloropropene	ND	1.6	"								
4-Methyl-2-pentanone	ND	0.41	"								
Acetone	ND	0.48	"								
Acrylonitrile	ND	0.22	"								
Benzene	ND	0.32	"								
Benzyl chloride	ND	0.52	"								
Bromodichloromethane	ND	0.67	"								
Bromoform	ND	1.0	"								
Bromomethane	ND	0.39	"								
Carbon disulfide	ND	0.31	"								
Carbon tetrachloride	ND	0.16	"								
Chlorobenzene	ND	0.46	"								
Chloroethane	ND	0.26	"								
Chloroform	ND	0.49	"								
Chloromethane	ND	0.21	"								
cis-1,2-Dichloroethylene	ND	0.099	"								
cis-1,3-Dichloropropylene	ND	0.45	"								
Cyclohexane	ND	0.34	"								
Dibromochloromethane	ND	0.85	"								
Dichlorodifluoromethane	ND	0.49	"								
Ethyl acetate	ND	0.72	"								
Ethyl Benzene	ND	0.43	"								
Hexachlorobutadiene	ND	1.1	"								
Isopropanol	0.79	0.49	"								
Methyl Methacrylate	ND	0.41	"								
Methyl tert-butyl ether (MTBE)	ND	0.36	"								
Methylene chloride	ND	0.69	"								
n-Heptane	ND	0.41	"								

Volatile Organic Compounds in Air by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BB30845 - EPA TO15 PREP											
Blank (BB30845-BLK1)								Prepared & Analyzed: 02/14/2023			
n-Hexane	ND	0.35	ug/m³								
o-Xylene	ND	0.43	"								
p- & m- Xylenes	ND	0.87	"								
p-Ethyltoluene	ND	0.49	"								
Propylene	ND	0.17	"								
Styrene	ND	0.43	"								
Tetrachloroethylene	ND	0.68	"								
Tetrahydrofuran	ND	0.59	"								
Toluene	ND	0.38	"								
trans-1,2-Dichloroethylene	ND	0.40	"								
trans-1,3-Dichloropropylene	ND	0.45	"								
Trichloroethylene	ND	0.13	"								
Trichlorofluoromethane (Freon 11)	ND	0.56	"								
Vinyl acetate	ND	0.35	"								
Vinyl bromide	ND	0.44	"								
Vinyl Chloride	ND	0.13	"								
LCS (BB30845-BS1)								Prepared & Analyzed: 02/14/2023			
1,1,1,2-Tetrachloroethane	8.72		ppbv	10.0		87.2	70-130				
1,1,1-Trichloroethane	8.63		"	10.0		86.3	70-130				
1,1,2,2-Tetrachloroethane	8.14		"	10.0		81.4	70-130				
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	8.17		"	10.0		81.7	70-130				
1,1,2-Trichloroethane	8.75		"	10.0		87.5	70-130				
1,1-Dichloroethane	7.96		"	10.0		79.6	70-130				
1,1-Dichloroethylene	7.41		"	10.0		74.1	70-130				
1,2,4-Trichlorobenzene	5.56		"	10.0		55.6	70-130	Low Bias			
1,2,4-Trimethylbenzene	7.86		"	10.0		78.6	70-130				
1,2-Dibromoethane	8.79		"	10.0		87.9	70-130				
1,2-Dichlorobenzene	7.60		"	10.0		76.0	70-130				
1,2-Dichloroethane	8.08		"	10.0		80.8	70-130				
1,2-Dichloropropane	8.57		"	10.0		85.7	70-130				
1,2-Dichlorotetrafluoroethane	6.97		"	10.0		69.7	70-130	Low Bias			
1,3,5-Trimethylbenzene	7.56		"	10.0		75.6	70-130				
1,3-Butadiene	9.33		"	10.0		93.3	70-130				
1,3-Dichlorobenzene	8.17		"	10.0		81.7	70-130				
1,3-Dichloropropane	8.62		"	10.0		86.2	70-130				
1,4-Dichlorobenzene	8.38		"	10.0		83.8	70-130				
1,4-Dioxane	8.64		"	10.0		86.4	70-130				
2-Butanone	8.33		"	10.0		83.3	70-130				
2-Hexanone	9.12		"	10.0		91.2	70-130				
3-Chloropropene	8.77		"	10.0		87.7	70-130				
4-Methyl-2-pentanone	8.62		"	10.0		86.2	70-130				
Acetone	7.13		"	10.0		71.3	70-130				
Acrylonitrile	8.31		"	10.0		83.1	70-130				
Benzene	8.23		"	10.0		82.3	70-130				
Benzyl chloride	7.68		"	10.0		76.8	70-130				
Bromodichloromethane	9.27		"	10.0		92.7	70-130				
Bromoform	9.40		"	10.0		94.0	70-130				
Bromomethane	7.24		"	10.0		72.4	70-130				
Carbon disulfide	8.35		"	10.0		83.5	70-130				
Carbon tetrachloride	9.45		"	10.0		94.5	70-130				

Volatile Organic Compounds in Air by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BB30845 - EPA TO15 PREP											
LCS (BB30845-BS1)								Prepared & Analyzed: 02/14/2023			
Chlorobenzene	7.82		ppbv	10.0		78.2	70-130				
Chloroethane	7.58		"	10.0		75.8	70-130				
Chloroform	8.39		"	10.0		83.9	70-130				
Chloromethane	9.07		"	10.0		90.7	70-130				
cis-1,2-Dichloroethylene	7.22		"	10.0		72.2	70-130				
cis-1,3-Dichloropropylene	9.61		"	10.0		96.1	70-130				
Cyclohexane	8.69		"	10.0		86.9	70-130				
Dibromochloromethane	10.3		"	10.0		103	70-130				
Dichlorodifluoromethane	7.54		"	10.0		75.4	70-130				
Ethyl acetate	8.71		"	10.0		87.1	70-130				
Ethyl Benzene	8.17		"	10.0		81.7	70-130				
Hexachlorobutadiene	6.22		"	10.0		62.2	70-130	Low Bias			
Isopropanol	8.31		"	10.0		83.1	70-130				
Methyl Methacrylate	8.72		"	10.0		87.2	70-130				
Methyl tert-butyl ether (MTBE)	8.69		"	10.0		86.9	70-130				
Methylene chloride	8.84		"	10.0		88.4	70-130				
n-Heptane	9.14		"	10.0		91.4	70-130				
n-Hexane	8.85		"	10.0		88.5	70-130				
o-Xylene	8.40		"	10.0		84.0	70-130				
p- & m- Xylenes	16.3		"	20.0		81.4	70-130				
p-Ethyltoluene	7.79		"	10.0		77.9	70-130				
Propylene	7.29		"	10.0		72.9	70-130				
Styrene	8.91		"	10.0		89.1	70-130				
Tetrachloroethylene	8.55		"	10.0		85.5	70-130				
Tetrahydrofuran	8.68		"	10.0		86.8	70-130				
Toluene	8.56		"	10.0		85.6	70-130				
trans-1,2-Dichloroethylene	7.96		"	10.0		79.6	70-130				
trans-1,3-Dichloropropylene	9.48		"	10.0		94.8	70-130				
Trichloroethylene	7.97		"	10.0		79.7	70-130				
Trichlorofluoromethane (Freon 11)	8.03		"	10.0		80.3	70-130				
Vinyl acetate	9.08		"	10.0		90.8	70-130				
Vinyl bromide	8.70		"	10.0		87.0	70-130				
Vinyl Chloride	7.99		"	10.0		79.9	70-130				

Sample and Data Qualifiers Relating to This Work Order

TO-LCS-L	The result reported for this compound may be biased low due to its behavior in the analysis batch LCS where it recovered less 70% 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).
B	Analyte is found in the associated analysis batch blank. For volatiles, methylene chloride and acetone are common lab contaminants.

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.

Field Chain-of-Custody Record

YORK ANALYTICAL LABORATORIES INC

York Analytical Laboratories, Inc. (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.: 23B0236

120 Research Drive Stratford, CT 06615 | 132-02 89th Ave Queens, NY 11418 | clientservices@yorklab.com | www.yorklab.com | 800-306-YORK | 800-306-9675

YOUR Information	Report To:	Invoice To:	YOUR Project Number	Turn-Around Time
Company: Preferred Environmental Services	Company:	Company:		RUSH - Next Day
Address: 323 Merrick Ave. N. Merrick, NY	Address: SAME	Address: SAME		RUSH - Two Day
Phone.: 516-546-1206	Phone.:	Phone.:	YOUR Project Name: B 62nd St	RUSH - Three Day
Contact: Victoria Whelan	Contact:	Contact:		RUSH - Four Day
E-mail: VWhelan@preferredenv.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 AND sign your name) Ryan Crowley

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
SV-1	Air	2/2/23 0846 - 1215	TO-15	1 - 6L Summa Canister per sample
SV-2	Air	2/2/23 10:07 - 14:07		
SV-3	Air	2/2/23 10:20 - 14:20		
OA-1	Air	2/2/23 0926 - 1316		

Comments:

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

Samples iced/chilled at time of lab pickup? circle Yes or No

Special Instruction: Field Filtered ☐ Lab to Filter ☐

Samples Relinquished by / Company	Date/Time	1. Samples Received by / Company	Date/Time	2. Samples Relinquished by / Company	Date/Time
Ryan Crowley	2/3/23 820AM	KBaltimore	2/3/23 920AM	KBaltimore	2/3/23 1632
Samples Received by / Company	Date/Time	3. Samples Relinquished by / Company	Date/Time	3. Samples Received by / Company	Date/Time
KBaltimore	2/3/23 1632		2/6/23 ~~2/7/23 1632~~ TD	Andrew S York	2/6/23 1420
Samples Relinquished by / Company	Date/Time	4. Samples Received by / Company	Date/Time	Samples Received in LAB by	Date/Time / Temperature
				~~TD~~ Elizabeth York	02/06/23 15.80 Degrees C

Appendix G

NYSDOH Air Decision Matricies

Soil Vapor Intrusion Updates

Throughout this web page, reference is made to the **final guidance**. This refers to the Guidance for Evaluating Soil Vapor Intrusion in New York State, October 2006.

The updates provide herein will be incorporated, as applicable, into the guidance document itself upon its periodic revision. If you have suggestions you would like us to consider during the next revision process, please share them with us at BEEI@health.ny.gov.

May 2017: Updates to Soil Vapor / Indoor Air Decision Matrices

Update

Based on reviews of toxicity data, risk assessments, and soil vapor intrusion data collected in New York State over the past decade, NYSDOH has assigned eight volatile chemicals to three newly revised and renamed Soil Vapor / Indoor Air Decision Matrices. These assignments and SVI Decision Matrices supersede those provided in the final guidance and in subsequent updates to the guidance (please note: the June 2007 update is no longer posted on this web page). The assignments are summarized in the following table:

Soil Vapor/Indoor Air Matrix	Volatile Chemical
Matrix A	carbon tetrachloride 1,1-dichloroethene *cis*-1,2-dichloroethene trichloroethene
Matrix B	methylene chloride tetrachloroethene 1,1,1-trichloroethane
Matrix C	vinyl chloride

These modifications to the SVI Decision Matrices should not be interpreted as reflecting changes in the recommended approach for how, when, and where to collect soil vapor or soil vapor intrusion samples during the investigation of a contaminated site.

An overview of the Decision Matrices and factors NYSDOH considers when developing and assigning chemicals to them is provided in Section 3.4 of the 2006 guidance.

August 2015: New Ambient Air Guideline for Trichloroethene

Announcement

NYSDOH has lowered their guideline for trichloroethene in ambient air from 5 micrograms per cubic meter (mcg/m3) to 2 mcg/m3 and developed a recommended immediate action level of 20 mcg/m3. The air guideline identified in Table 3.1 of the final guidance is no longer applicable.

September 2013: New Ambient Air Guideline for Tetrachloroethene

Announcement

NYSDOH has lowered their guideline for tetrachloroethene in ambient air from 100 micrograms per cubic meter (mcg/m3) to 30 mcg/m3 and their recommended immediate action level from 1000 mcg/m3 to 300 mcg/m3. The air guideline identified in Table 3.1 of the final guidance is no longer applicable.

May 2010: Update on Building Questionnaires and Product Inventories

The Indoor Air Quality Questionnaire and Building Inventory Form in Appendix B of the final guidance (as revised March 2007) is provided to aid with the evaluation of indoor air sampling results by collecting pertinent building and household product information that may influence soil vapor intrusion and indoor air quality.

Update

Based on comments received from field personnel and homeowners, as well as a review of indoor air evaluations at remedial sites, the NYSDOH and New York State Department of Environmental Conservation (NYSDEC) have created an abbreviated Indoor Air Quality Questionnaire and Building Inventory Form.

The abbreviated form is intended to decrease the amount of time spent gathering and reporting the supplemental building information while still collecting the most relevant information necessary for conducting a soil vapor intrusion investigation. It is intended to supplement, rather than replace, the original form. When completed properly, the abbreviated form will capture the information needed to perform the data evaluation process in most cases. However, in the event that a complete evaluation cannot be conducted or additional information is needed, the NYSDEC and NYSDOH may recommend a return to the structure to collect the additional information and complete the original form (as revised March 2007).

April 2010: Clarification on Data Validation

Reference is often made to "third-party data validation" of soil vapor, sub-slab vapor, indoor air and outdoor air results. While the purpose is the same, validation of these soil vapor intrusion data does not mean the same as formal "third-party data validation," which is typically associated with litigation activities. A NYSDEC Analytical Service Protocol Category B format data deliverable for the sample analyses is still reviewed by a qualified individual not directly associated with the project or the analytical laboratory and the output of the review is in the form of a Data Usability Summary Report (DUSR) rather than a validation report containing detailed evaluation of every piece of information generated by the analysis. More information about DUSRs and the qualifications necessary to prepare a DUSR is available in the NYSDEC's DER-10: Technical Guidance for Site Investigation and Remediation (May 3, 2010).

January 2010: Update to Section 2.7.2

Section 2.7.2(d) of the final guidance contains the following recommendation: during the construction of sub-slab implants and probes, porous, inert backfill material (e.g., glass beads, washed #1 crushed stone, etc.) should be added to cover about 1 inch of the probe tip for permanent installations.

Update

This recommendation is no longer applicable; however, care should be taken to prevent the sub-slab aggregate from blocking the sampling probe or tubing to ensure air flow into the sampling device.

March 2009: Modification to the Recommended Use of Tracer Gas

The NYSDOH, in consultation with the NYSDEC, recommends in Section 2.7.5 of the final guidance that a tracer gas be used when collecting soil vapor samples as a quality assurance/quality control measure to verify the integrity of the soil vapor probe seal. A similar recommendation is not provided for sub-slab vapor samples.

Modified Recommendation

Based on the NYSDEC and NYSDOH's experience, we are modifying this recommendation to include the use of a tracer gas when collecting sub-slab vapor samples.

This modification is based on tracer gas testing in over 100 buildings to ensure that the sub-slab vapor sampling results were not biased by leakage of the sub-slab vapor probe seals. The results of this testing indicate that the routine use of tracer gas testing is valuable for verifying the integrity of the sub-slab vapor probe seal. The sub-slab vapor tracer gas tests revealed that approximately 10% of the seals were inadequate and had to be improved prior to sample collection. The tracer gas data also provide greater confidence that the sampling results from probes where little tracer gas was detected are representative of sub-slab vapor concentrations.

Based on our experience, inclusion of tracer gas testing as part of the sub-slab vapor protocol does not appreciably increase the cost of sampling. It typically adds 15 to 20 minutes to the sub-slab sampling process. Because structure-specific decisions are often based on a single sub-slab vapor sample from a single point in time, the use of tracer gas will reduce the possibility that decisions will be biased by faulty data. We therefore recommend its use.

October 2008: Notice Pertaining to the United States Environmental Protection Agency Building Assessment and Survey Evaluation Database

The U.S. Environmental Protection Agency (USEPA) has set up a website for their Building Assessment and Survey Evaluation (BASE) Database, which is discussed in Appendix C of the final guidance. Readers may note differences between the data presented by the USEPA in their report on the study and the data summarized by the NYSDOH in the guidance document. These differences are related to the USEPA using data from air samples collected with both multisorbent tubes and Summa® canisters. The USEPA provides a discussion of how these data were selected for each compound. The NYSDOH's compilation uses data obtained from the Summa® sampling methodology only.

February 2008: Modification to Indoor Air Sampling Recommendations

The NYSDOH, in consultation with the NYSDEC, recommends in Section 2.6.3 of the final guidance that indoor air samples be collected from both the basement and lowest level living space.

Modified Recommendation

A comparison of the results for basement and first floor air samples from structures located across the state indicate that concentrations of site-related contaminants in the air sample collected from the basement are

typically less than or comparable to the concentrations in the corresponding first floor air sample. Exceptions to this observation were due to the presence of indoor or outdoor air sources of the contaminants. Overall, the data indicate that, in most cases, the basement result provides a conservative estimate of what may be present in the first floor air and sampling the lowest livable space is sufficient for determining whether actions are needed to address exposures related to soil vapor intrusion. This means one indoor air sample from the basement is expected to be adequate in most cases. However, the NYSDOH and NYSDEC reserve the right to request additional sampling (e.g., first floor air) if the information is needed for us to complete our evaluation.

This modification to the recommended indoor air sampling locations applies to structures with basements. We continue to recommend the collection of first floor air samples in slab-on-grade structures and in structures with living spaces over crawlspaces, as well as the collection of crawlspace air samples where applicable.

December 2007: New Fact Sheet on Volatile Organic Compounds in Indoor Air

The NYSDOH is pleased to announce the development of a new fact sheet, Volatile Organic Compounds (VOCs) in Commonly Used Products. This fact sheet focuses on volatile organic compounds or VOCs that are found in many products that we commonly use. It is designed to help the reader think about what VOCs may be present in their indoor air and steps they can take to reduce them.

March 2007: Correction to the Indoor Air Quality Questionnaire and Building Inventory Form in Appendix B

The Indoor Air Quality Questionnaire and Building Inventory form provided in Appendix B of the final guidance incorrectly lists "Stream radiation" as a type of heating system in Question 6 on page 3.

Correction

This typographical error has been corrected to indicate "Steam radiation" in a revised Indoor Air Quality Questionnaire and Building Inventory Form. In addition, in response to several requests, North arrows have been added to the Floor Plans and Outdoor Plot sections of the form.

December 2006 Correction to Table C.1 in Appendix C

The final guidance provides two entries for o-xylene in Table C1, Outdoor air.

Correction

The name of a compound, methyl-*tert*-butyl ether, was inadvertently omitted from the table and the name "o-xylene" was listed twice. This typographical error has been corrected in a revised Table C1, Outdoor air. The correction affects methyl-*tert*-butyl ether through o-xylene.

Soil Vapor/Indoor Air Matrix A

May 2017

Analytes Assigned:
Trichloroethene (TCE), *cis*-1,2-Dichloroethene (*c*12-DCE), 1,1-Dichloroethene (11-DCE), Carbon Tetrachloride

	INDOOR AIR CONCENTRATION of COMPOUND (mcg/m^3)		
SUB-SLAB VAPOR CONCENTRATION of COMPOUND (mcg/m^3)	< 0.2	0.2 to < 1	1 and above
< 6	1. No further action	2. No Further Action	3. IDENTIFY SOURCE(S) and RESAMPLE or MITIGATE
6 to < 60	4. No further action	5. MONITOR	6. MITIGATE
60 and above	7. MITIGATE	8. MITIGATE	9. MITIGATE

No further action: No additional actions are recommended to address human exposures.

Identify Source(s) and Resample or Mitigate: We recommend that reasonable and practical actions be taken to identify the source(s) affecting the indoor air quality and that actions be implemented to reduce indoor air concentrations to within background ranges. For example, if an indoor or outdoor air source is identified, we recommend the appropriate party implement actions to reduce the levels. In the event that indoor or outdoor sources are not readily identified or confirmed, resampling (which might include additional sub-slab vapor and indoor air sampling locations) is recommended to demonstrate that SVI mitigation actions are not needed. Based on the information available, mitigation might also be recommended when soil vapor intrusion cannot be ruled out.

Monitor: We recommend monitoring (sampling on a recurring basis), including but not necessarily limited to sub-slab vapor, basement air and outdoor air sampling, to determine whether concentrations in the indoor air or sub-slab vapor have changed and/or to evaluate temporal influences. Monitoring might also be recommended to determine whether existing building conditions (e.g., positive pressure heating, ventilation and air-conditioning systems) are maintaining the desired mitigation endpoint and to determine whether changes are needed. The type and frequency of monitoring is determined based on site-, building- and analyte-specific information, taking into account applicable environmental data and building operating conditions. Monitoring is an interim measure required to evaluate exposures related to soil vapor intrusion until contaminated environmental media are remediated.

Mitigate: We recommend mitigation to minimize current or potential exposures associated with soil vapor intrusion. The most common mitigation methods are sealing preferential pathways in conjunction with installing a sub-slab depressurization system and changing the pressurization of the building in conjunction with monitoring. The type, or combination of types, of mitigation is determined on a building-specific basis, taking into account building construction and operating conditions. Mitigation is considered a temporary measure implemented to address exposures related to soil vapor intrusion until contaminated environmental media are remediated.

These general recommendations are made with consideration being given to the additional notes on page 2.

ADDITIONAL NOTES FOR MATRIX A

This matrix summarizes actions recommended to address current and potential exposures related to soil vapor intrusion. To use the matrix appropriately as a tool in the decision-making process, the following should be noted:

[1] The matrix is generic. As such, it may be appropriate to modify a recommended action to accommodate analyte-specific, building-specific conditions (e.g., dirt floor in basement, crawl spaces, thick slabs, current occupancy, etc.), and/or factors provided in Section 3.2 of the guidance (e.g., current land use, environmental conditions, etc.). For example, collection of additional samples may be recommended when the matrix indicates "no further action" for a particular building, but the results of adjacent buildings (especially sub-slab vapor results) indicate a need to take actions to address exposures related to soil vapor intrusion. Mitigation might be recommended when the results of multiple contaminants indicate monitoring is recommended. Proactive actions may be proposed at any time. For example, the party implementing the actions may decide to install sub-slab depressurization systems on buildings where the matrix indicates "no further action" or "monitoring." Such an action might be undertaken for reasons other than public health (e.g., seeking community acceptance, reducing costs, etc.). However, actions implemented *in lieu* of sampling will typically be expected to be captured in the final engineering report and site management plan, and might not rule out the need for post-implementation sampling (e.g., to document effectiveness or to support terminating the action).

[2] Actions provided in the matrix are specific to addressing human exposures. Implementation of these actions does not preclude investigating possible sources of soil vapor contamination, nor does it preclude remediating contaminated soil vapor or the source of soil vapor contamination.

[3] Appropriate care should be taken during all aspects of sample collection to ensure that high quality data are obtained. Since the data are being used in the decision-making process, the laboratory analyzing the environmental samples must have current Environmental Laboratory Approval Program (ELAP) certification for the appropriate analyte and environmental matrix combinations. Furthermore, samples should be analyzed by methods that can achieve a minimum reporting limit of 0.20 microgram per cubic meter for indoor and outdoor air samples. For sub-slab vapor samples and dirt floor soil vapor samples, a minimum reporting limit of 1 microgram per cubic meter is recommended.

[4] Sub-slab vapor and indoor air samples are typically collected when the likelihood of soil vapor intrusion is considered to be the greatest (i.e., worst-case conditions). If samples are collected at other times (typically, samples collected outside of the heating season), then resampling during worst-case conditions might be appropriate to verify that actions taken to address exposures related to soil vapor intrusion are protective of human health.

[5] When current exposures are attributed to sources other than soil vapor intrusion, the agencies should be given documentation (e.g., applicable environmental data, completed indoor air sampling questionnaire, digital photographs, etc.) to support a proposed action other than that provided in the matrix box and to support agency assessment and follow-up.

[6] The party responsible for implementing the recommended actions will differ depending upon several factors, including but not limited to the following: the identified source of the volatile chemicals, the environmental remediation program, and analyte-specific, site-specific and building-specific factors.

Soil Vapor/Indoor Air Matrix B

May 2017

Analytes Assigned:
Tetrachloroethene (PCE), 1,1,1-Trichloroethane (111-TCA), Methylene Chloride

	INDOOR AIR CONCENTRATION of COMPOUND (mcg/m^3)		
SUB-SLAB VAPOR CONCENTRATION of COMPOUND (mcg/m^3)	< 3	3 to < 10	10 and above
< 100	1. No further action	2. No Further Action	3. IDENTIFY SOURCE(S) and RESAMPLE or MITIGATE
100 to < 1,000	4. No further action	5. MONITOR	6. MITIGATE
1,000 and above	7. MITIGATE	8. MITIGATE	9. MITIGATE

No further action: No additional actions are recommended to address human exposures.

Identify Source(s) and Resample or Mitigate: We recommend that reasonable and practical actions be taken to identify the source(s) affecting the indoor air quality and that actions be implemented to reduce indoor air concentrations to within background ranges. For example, if an indoor or outdoor air source is identified, we recommend the appropriate party implement actions to reduce the levels. In the event that indoor or outdoor sources are not readily identified or confirmed, resampling (which might include additional sub-slab vapor and indoor air sampling locations) is recommended to demonstrate that SVI mitigation actions are not needed. Based on the information available, mitigation might also be recommended when soil vapor intrusion cannot be ruled out.

Monitor: We recommend monitoring (sampling on a recurring basis), including but not necessarily limited to sub-slab vapor, basement air and outdoor air sampling, to determine whether concentrations in the indoor air or sub-slab vapor have changed and/or to evaluate temporal influences. Monitoring might also be recommended to determine whether existing building conditions (e.g., positive pressure heating, ventilation and air-conditioning systems) are maintaining the desired mitigation endpoint and to determine whether changes are needed. The type and frequency of monitoring is determined based on site-, building- and analyte-specific information, taking into account applicable environmental data and building operating conditions. Monitoring is an interim measure required to evaluate exposures related to soil vapor intrusion until contaminated environmental media are remediated.

Mitigate: We recommend mitigation to minimize current or potential exposures associated with soil vapor intrusion. The most common mitigation methods are sealing preferential pathways in conjunction with installing a sub-slab depressurization system and changing the pressurization of the building in conjunction with monitoring. The type, or combination of types, of mitigation is determined on a building-specific basis, taking into account building construction and operating conditions. Mitigation is considered a temporary measure implemented to address exposures related to soil vapor intrusion until contaminated environmental media are remediated.

These general recommendations are made with consideration being given to the additional notes on page 2.

ADDITIONAL NOTES FOR MATRIX B

This matrix summarizes actions recommended to address current and potential exposures related to soil vapor intrusion. To use the matrix appropriately as a tool in the decision-making process, the following should be noted:

[1] The matrix is generic. As such, it may be appropriate to modify a recommended action to accommodate analyte-specific, building-specific conditions (e.g., dirt floor in basement, crawl spaces, thick slabs, current occupancy, etc.), and/or factors provided in Section 3.2 of the guidance (e.g., current land use, environmental conditions, etc.). For example, collection of additional samples may be recommended when the matrix indicates "no further action" for a particular building, but the results of adjacent buildings (especially sub-slab vapor results) indicate a need to take actions to address exposures related to soil vapor intrusion. Mitigation might be recommended when the results of multiple contaminants indicate monitoring is recommended. Proactive actions may be proposed at any time. For example, the party implementing the actions may decide to install sub-slab depressurization systems on buildings where the matrix indicates "no further action" or "monitoring." Such an action might be undertaken for reasons other than public health (e.g., seeking community acceptance, reducing costs, etc.). However, actions implemented *in lieu* of sampling will typically be expected to be captured in the final engineering report and site management plan, and might not rule out the need for post-implementation sampling (e.g., to document effectiveness or to support terminating the action).

[2] Actions provided in the matrix are specific to addressing human exposures. Implementation of these actions does not preclude investigating possible sources of soil vapor contamination, nor does it preclude remediating contaminated soil vapor or the source of soil vapor contamination.

[3] Appropriate care should be taken during all aspects of sample collection to ensure that high quality data are obtained. Since the data are being used in the decision-making process, the laboratory analyzing the environmental samples must have current Environmental Laboratory Approval Program (ELAP) certification for the appropriate analyte and environmental matrix combinations. Furthermore, samples should be analyzed by methods that can achieve a minimum reporting limit of 1 microgram per cubic meter for indoor and outdoor air samples. For sub-slab vapor samples and dirt floor soil vapor samples, a minimum reporting limit of 1 microgram per cubic meter is recommended.

[4] Sub-slab vapor and indoor air samples are typically collected when the likelihood of soil vapor intrusion is considered to be the greatest (i.e., worst-case conditions). If samples are collected at other times (typically, samples collected outside of the heating season), then resampling during worst-case conditions might be appropriate to verify that actions taken to address exposures related to soil vapor intrusion are protective of human health.

[5] When current exposures are attributed to sources other than soil vapor intrusion, the agencies should be given documentation (e.g., applicable environmental data, completed indoor air sampling questionnaire, digital photographs, etc.) to support a proposed action other than that provided in the matrix box and to support agency assessment and follow-up.

[6] The party responsible for implementing the recommended actions will differ depending upon several factors, including but not limited to the following: the identified source of the volatile chemicals, the environmental remediation program, and analyte-specific, site-specific and building-specific factors.

Soil Vapor/Indoor Air Matrix C

May 2017

Analytes Assigned:
Vinyl Chloride

	INDOOR AIR CONCENTRATION of COMPOUND (mcg/m^3)	
SUB-SLAB VAPOR CONCENTRATION of COMPOUND (mcg/m^3)	< 0.2	0.2 and above
< 6	1. No further action	2. IDENTIFY SOURCE(S) and RESAMPLE or MITIGATE
6 to < 60	3. MONITOR	4. MITIGATE
60 and above	5. MITIGATE	6. MITIGATE

No further action: No additional actions are recommended to address human exposures.

Identify Source(s) and Resample or Mitigate: We recommend that reasonable and practical actions be taken to identify the source(s) affecting the indoor air quality and that actions be implemented to reduce indoor air concentrations to within background ranges. For example, if an indoor or outdoor air source is identified, we recommend the appropriate party implement actions to reduce the levels. In the event that indoor or outdoor sources are not readily identified or confirmed, resampling (which might include additional sub-slab vapor and indoor air sampling locations) is recommended to demonstrate that SVI mitigation actions are not needed. Based on the information available, mitigation might also be recommended when soil vapor intrusion cannot be ruled out.

Monitor: We recommend monitoring (sampling on a recurring basis), including but not necessarily limited to sub-slab vapor, basement air and outdoor air sampling, to determine whether concentrations in the indoor air or sub-slab vapor have changed and/or to evaluate temporal influences. Monitoring might also be recommended to determine whether existing building conditions (e.g., positive pressure heating, ventilation and air-conditioning systems) are maintaining the desired mitigation endpoint and to determine whether changes are needed. The type and frequency of monitoring is determined based on site-, building- and analyte-specific information, taking into account applicable environmental data and building operating conditions. Monitoring is an interim measure required to evaluate exposures related to soil vapor intrusion until contaminated environmental media are remediated.

Mitigate: We recommend mitigation to minimize current or potential exposures associated with soil vapor intrusion. The most common mitigation methods are sealing preferential pathways in conjunction with installing a sub-slab depressurization system and changing the pressurization of the building in conjunction with monitoring. The type, or combination of types, of mitigation is determined on a building-specific basis, taking into account building construction and operating conditions. Mitigation is considered a temporary measure implemented to address exposures related to soil vapor intrusion until contaminated environmental media are remediated.

These general recommendations are made with consideration being given to the additional notes on page 2.

ADDITIONAL NOTES FOR MATRIX C

This matrix summarizes actions recommended to address current and potential exposures related to soil vapor intrusion. To use the matrix appropriately as a tool in the decision-making process, the following should be noted:

[1] The matrix is generic. As such, it may be appropriate to modify a recommended action to accommodate analyte-specific, building-specific conditions (e.g., dirt floor in basement, crawl spaces, thick slabs, current occupancy, etc.), and/or factors provided in Section 3.2 of the guidance (e.g., current land use, environmental conditions, etc.). For example, collection of additional samples may be recommended when the matrix indicates "no further action" for a particular building, but the results of adjacent buildings (especially sub-slab vapor results) indicate a need to take actions to address exposures related to soil vapor intrusion. Mitigation might be recommended when the results of multiple contaminants indicate monitoring is recommended. Proactive actions may be proposed at any time. For example, the party implementing the actions may decide to install sub-slab depressurization systems on buildings where the matrix indicates "no further action" or "monitoring." Such an action might be undertaken for reasons other than public health (e.g., seeking community acceptance, reducing costs, etc.). However, actions implemented *in lieu* of sampling will typically be expected to be captured in the final engineering report and site management plan, and might not rule out the need for post-implementation sampling (e.g., to document effectiveness or to support terminating the action).

[2] Actions provided in the matrix are specific to addressing human exposures. Implementation of these actions does not preclude investigating possible sources of soil vapor contamination, nor does it preclude remediating contaminated soil vapor or the source of soil vapor contamination.

[3] Appropriate care should be taken during all aspects of sample collection to ensure that high quality data are obtained. Since the data are being used in the decision-making process, the laboratory analyzing the environmental samples must have current Environmental Laboratory Approval Program (ELAP) certification for the appropriate analyte and environmental matrix combinations. Furthermore, samples should be analyzed by methods that can achieve a minimum reporting limit of 0.20 microgram per cubic meter for indoor and outdoor air samples. For sub-slab vapor samples and dirt floor soil vapor samples, a minimum reporting limit of 1 microgram per cubic meter is recommended.

[4] Sub-slab vapor and indoor air samples are typically collected when the likelihood of soil vapor intrusion is considered to be the greatest (i.e., worst-case conditions). If samples are collected at other times (typically, samples collected outside of the heating season), then resampling during worst-case conditions might be appropriate to verify that actions taken to address exposures related to soil vapor intrusion are protective of human health.

[5] When current exposures are attributed to sources other than soil vapor intrusion, the agencies should be given documentation (e.g., applicable environmental data, completed indoor air sampling questionnaire, digital photographs, etc.) to support a proposed action other than that provided in the matrix box and to support agency assessment and follow-up.

[6] The party responsible for implementing the recommended actions will differ depending upon several factors, including but not limited to the following: the identified source of the volatile chemicals, the environmental remediation program, and analyte-specific, site-specific and building-specific factors.

Appendix H

Previous Reports and Documentation

STATE OF NEW YORK
DEPARTMENT OF HEALTH

Flanigan Square, 547 River Street, Troy, New York 12180-2216

Richard F. Daines, M.D.
Commissioner

June 25, 2007

Mr. Dale Desnoyers, Director
Division of Environmental Remediation
NYS Dept. of Environmental Conservation
625 Broadway — 12th Floor
Albany, NY 12233-7011

Re: Soil Vapor/Indoor Air Matrices

Dear Mr. Desnoyers,

In the wake of recent investigations of soil vapor intrusion at remedial sites, I would like to advise you that the Department has assigned three new volatile chemicals to our existing soil vapor/indoor air decision matrices: vinyl chloride to Matrix 1, and 1,1-dichloroethene and *cis*-1,2-dichloroethene to Matrix 2.

The NYSDOH has made these assignments on the basis of several factors that are consistent with those listed in the *Guidance for Evaluating Soil Vapor Intrusion in New York State* (NYSDOH 2006):

a. human health risks, including such factors as a chemical's ability to cause cancer, reproductive, developmental, liver, kidney, nervous system, immune system or other effects, in animals and humans and the doses that may cause those effects;

b. the data gaps in a chemical's toxicologic database;

c. background concentrations of a chemical in indoor air; and

d. analytical capabilities currently available.

With the assignment of these three volatile chemicals, the decision matrices now provide recommendations for a total of seven chemicals. The following table summarizes the assignments to date:

Volatile Chemical	Soil Vapor/Indoor Air Matrix
carbon tetrachloride	Matrix 1
1,1-dichloroethene	Matrix 2
cis-1,2-dichloroethene	Matrix 2
tetrachloroethene	Matrix 2
1,1,1-trichloroethane	Matrix 2
trichloroethene	Matrix 1
vinyl chloride	Matrix 1

If you have any questions about this information, please feel free to contact me at 402-7850.

Sincerely,

Gary A. Litwin, Director
Bureau of Environmental Exposure Investigation

cc: N. Kim, Ph.D.
G. A. Carlson, Ph.D./A. Salame-Alfie, Ph.D.
E. Horn, Ph.D./A. Grey, Ph.D.
D. Luttinger, Ph.D.
S. Bates

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Phase I Screening Summary

Beach Channel Drive and Beach 62nd Street, Arverne 11692
Block 16011, Lot Nos. 1, 32 and 35 and Block 16014 Lot Nos. 1 and 22

Property Information:
The Site consists of five contiguous tax parcels, totaling 2.69-acres (117,094 square feet), and located on the east side of Beach 62nd Street between Beach Channel Drive to the south, and Thursby Avenue to the north, in the Arverne section of the Borough of Queens, City of New York, Queens County, New York (**Figure 1**). The Site identified as Borough 4, Block 16011, Lot Nos. 1, 32 and 35 and Block 16014, Lot Nos. 1 and 22 (**Figure 2**) on the New York City Tax Maps.

The elevation of the Site is approximately four feet above mean sea level (amsl). The depth to groundwater at the Site is within five feet below grade surface (bgs). Groundwater flow likely varies with tidal fluctuations. The Site is zoned for residential use (R4-1), with Block 16014, Lot No. 1 also having a C2-3 commercial overlay.

History:
Site history was determined based on a review of Sanborn fire insurance maps and city directories. The Site consisted of undeveloped marshland from at least 1912. By 1933, the northwestern corner of the property was developed with four small interconnected 1-story buildings, identified as a poultry market, vacant structure, a boiler room and a garage. The remainder of the site was undeveloped, with a portion of Summerville Basin comprising a small area at the east-central portion of the property. By 1951, the garage building was demolished, the vacant building was occupied by a fat rendering facility and the poultry market used as an empty barrel storage warehouse. By 1981, the buildings were identified as a single warehouse. The building was converted to a non-specific commercial use circa 1984. The buildings were demolished in early-2007. Central portions of the site appear to be in use as a construction office and equipment/material storage yard. Southern portions of the site were paved with gravel/crushed asphalt and utilized as a new car storage lot from 2015 through 2017.

Surrounding properties were primarily undeveloped from at least 1912, with some sparse residential development further to the south-southeast. Amstel Boulevard (current Beach Channel Drive) was to the southwest, Seaview Avenue (current beach 63rd Street) was further to the west and Morris Avenue (current Thursby Avenue) was to the north. By 1933, Beach Channel Drive (Amstel Boulevard) was extended to the east, along the southern site perimeter. The Beach 62nd Street right-of-way is shown to the west, but the street was not yet constructed. The north-northwestern adjacent property was developed with a NYC-owned garage and incinerator. Sparse residential development was further to the west and southeast. By 1951, the incinerator to the north was no longer present and a gasoline station and boat yard were constructed further to the east, beyond the Beach 60th Street right-of-way. By 1981, the garage to the north was demolished and the property in use as a road salt storage yard. Properties further west, along the east side of Beach 63rd Street were developed with residences. In addition, the Institute for Special Education and

associated parking lots were constructed across Beach 62nd Street to the west. The existing post office was also constructed across Beach Channel Drive to the south-southwest. An office building is to the southwest and additional residential development is further west, beyond Beach 63rd Street. A boat storage structure was constructed further to the east, along Beach Channel Drive by 1990 and the Special Education Institute was demolished and replaced with the existing Health Center circa 2004. The salt storage yard to the north was no longer present by 2004.

Neither the Site nor any surrounding properties were listed in the city directories for the years 1922 through 2014, with the exception of one individual (residence) at 461 Beach 62nd Street in 1996.

EBC's review of historical information did not reveal evidence of recognized environmental conditions (RECs) in connection with the subject or surrounding properties, although historic Sanborn maps suggest that the Site was marshlands in 1912 and that far eastern portions of the Site may have been located within the footprint of Sommerville Basin. As such, there is a potential presence for fill materials to be present beneath the Site. Since no information regarding the nature or source of the fill materials was available for review, there is a potential for the fill materials to be contaminated and/or structurally unsuitable.

Site Inspection:
EBC representative, Keith Butler, inspected the Site on February 16, 2018. No representatives of the Sara Fund LLC, the property owner were present during the site inspection, however, EBC personnel did contact Mr. Moris Yeroshalmie of American Builders Company, the contract vendee, who arranged permission and for EBC to access the Site.

The property is vacant/undeveloped and overgrown, with a portion of a modular building located at the southeastern portion of the site. Southern portions are paved with gravel/ground asphalt, associated with a former new vehicle storage lot. Remaining portions of the property are unpaved although most areas showed the presence of varying amounts of recycled concrete aggregate (RCA) at the surface. A concrete slab associated with the former site building, was also present at the northwestern corner of the site. Minor amounts of non-hazardous household trash and debris were also strewn across the property, with several vegetated soil/debris piles located on or immediately adjacent to the far eastern portions of the property. The site perimeters are enclosed with 6-foot tall chain link fencing, except for portions of the eastern boundary, which is bordered by NYC-owned land bordering Sommerville Basin. A lockable, double-wide access gate is present on the western side of the property, opposite a driveway entrance leading from Beach 62nd Street. An additional double-wide gate is further to the south along Beach 62nd, with no corresponding driveway entrance/curb cut and a single pedestrian access gate is to the south along Beach Channel Drive. Sidewalks also border the site to the south and west, along Beach Channel Drive and Beach 62nd Street, respectively.

No aboveground storage tanks or evidence of underground storage tanks (e.g. fill port, vent pipe) were observed by or reported to EBC. In addition no evidence of storm drains or petroleum staining was observed onsite.

Environmental Database Search:
EDR was retained to provide a computerized database search of the project area within an ASTM-standard radius of the Site. A list of the databases searched and the search radius is shown on the summary table below. EBC reviewed the database output to determine if the property appears on any of the regulatory agency lists.

SUMMARY OF FEDERAL, STATE AND TRIBAL DATABASE FINDINGS			
Regulatory Database	**Approximate Search Distance**	**Site Listed?**	**# of Sites within the Search Radius**
Federal NPL	1 mile	No	0
Federal Delisted NPL	½ mile	No	0
Federal SEMS	½ mile	0	0
Federal SEMS Archive	½ mile	No	0
Federal RCRA CORRACTS	1 mile	No	0
Federal RCRIS Non-CORRACTS TSD	½ mile	No	0
Federal RCRA Generators	Site & Adjoining	No	0
Federal Institutional Control/ Engineering Control Registry	Site	No	N/A
Federal ERNS	Site	No	N/A
Federal Brownfield Sites	½ mile	No	1
State and Tribal NPL	1 mile	No	0
State and Tribal CERCLIS (SHWS)	½ mile	No	1
State and Tribal Landfill or Solid Waste Disposal Sites	½ mile	No	1
State and Tribal LTANKS/LUST	½ mile	No	11
State and Tribal Registered UST	Site & Adjoining	No	1
State and Tribal Registered AST	Site & Adjoining	No	0
State and Tribal Institutional Control/Engineering Control Registry	Site	No	N/A

SUMMARY OF FEDERAL, STATE AND TRIBAL DATABASE FINDINGS			
Regulatory Database	**Approximate Search Distance**	**Site Listed?**	**# of Sites within the Search Radius**
State and Tribal Voluntary Cleanup Site	½ mile	No	1
State and Tribal Brownfield Sites	½ mile	No	1
State Spill Sites	1/8 mile	No	11
Registered Drycleaners	¼ mile	No	0
NYC E-Designated Sites	1/8 mile	**Yes**	8
Manufactured Gas Plants (MGPs)	1 mile	No	0

The site (Block 16014, Lot No.1) was listed on the E-Designation database as having a E-Hazmat and E-Air restrictions (E-215), which was determined during the Rockaway Neighborhood Rezoning completed by the City in August 2008 (CEQR 08DCP065Q). The Hazardous Materials designation indicates that there is a potential for soil and groundwater beneath the Site to be impacted by historic operations at the Site or adjacent properties. The Air E-Designation requires any new residential or commercial structures to have HVAC stacks located 62 (No. 2 fuel oil) or 82 (No. 4 fuel oil) from the lot line facing Beach 59th Street or use natural gas for space heating and hot water (HVAC) systems. The Hazmat and Noise E-designations require the issuance of a Notice to Proceed by the NYC Office of Environmental Remediation (OER) before the property can be redeveloped.

The database search generated information on the following listings for the surrounding properties within ASTM radius guidelines that could potentially impact the site:

State and Tribal CERCLIS: One SHWS listing was identified within a one-half mile radius of the site, and it is summarized as follows:

- LILCO – Edgemere Substation, Beach 52nd Street and Rockaway Beach Boulevard (ID No. 241024), approximately 2,240 feet east-southeast and hydraulically crossgradient of the site. This facility is current and historic electric substation with various fill materials and impacts from historic gas manufacturing. Soils were impacted with benzene and lead. Remediation has been completed with residual impacts address under a site management plan. This facility is also listed on the NYEC, NYIC and VCP databases. Based on the information in the database report, its regulatory status, distance in a dense urban area, the presumed hydraulic gradient, and that the surrounding area utilizes municipally-supplied potable water, it is unlikely that this facility presents a significant environmental risk to the site.

1808 Middle Country Road
Ridge, NY 11961
Phone 631.924.0870
Fax 631.924.2870

State and Tribal LTANKS**:** Eleven facilities were identified on the State and Tribal LTANKS database within a one-half mile radius of the Site. Each of the 11 listings received regulatory closure from the NYSDEC and are not expected to be an issue of concern for the Site. One of the closed LTANKS listings is associated with an adjacent property, and it is summarized as follows:

- Spill No. 04-06905 – 62-00 Beach Channel Drive, adjacent to the west across Beach 62nd Street, and hydraulically crossgradient of the Site. This spill, which occurred on September 22, 2004, is related to a fuel oil UST failing a tightness test. Remediation details are provided, although limited groundwater impacts were identified. The NYSDEC closed the spill on April 26, 2006.

NYSDEC Voluntary Cleanup Program (VCP): One VCP listing (Edgemere Substation, Beach 52nd Street and Rockaway Beach Boulevard) was identified within a one-half mile radius of the Site. This facility was detailed previously in the SHWS section, where it was determined unlikely to represent a significant environmental concern to the site.

New York State Brownfields Sites (BROWNFIELDS): One BROWNFIELDS listing (Former Peninsula Hospital, 51-15 Beach Channel Drive and 50-04 Rockaway Beach Boulevard) was identified within a one-half mile radius of the Site. The listed BROWNFIELDS facility is located over one-quarter mile east and hydraulically crossgradient of the Site. Therefore, it is unlikely to represent a significant environmental risk to the Site.

State Spill Sites (NYSPILLS): There are 11 listings on the NYSPILLS database within a one-eighth mile radius of the site. Each of the 11 listings received regulatory closure from the NYSDEC and are not expected to represent a concern to the site based on their regulatory status, presumed hydraulic gradient and/or that the surrounding area utilizes municipally-supplied drinking water. One of the closed NYSPILLS listings is associated with an adjacent property, and it is summarized as follows:

- Spill No. 04-00364 – Roadway, Thursby Avenue and Beach 62nd Street, adjacent to the northeast, and hydraulically crossgradient of the Site. This spill, which occurred on April 12, 2004, is related to the discovery of petroleum impacted soil and groundwater during a storm sewer construction project. Impacted materials were properly disposed of during construction activities, with minor residual impacts to groundwater. The NYSDEC closed the spill on June 16, 2009.

NYCDCP Environmental Designation Sites (E-DES): Eight (8) E-DES listings were identified within a one-eighth mile of the site, two of which (Block 15907, Lot No. 67 and Block 15901 Lot No. 8) were located adjacent to the Site. Both of the adjacent properties are designated with E Hazmat and Air restrictions. The Hazmat designation indicates that projected and potential development of this property requires the completion of an environmental assessment and review by the NYC Office of Environmental Remediation to determine if the current and/or historic use of the property impacted the subsurface and if additional investigation and/or remediation is

warranted. This designation does not indicate the presence of contamination, nor does it indicate the presence/potential presence of offsite impacts. Therefore, there is no information in the database report that indicates the E DES listings represent a significant environmental concern to the Site.

New York City Department of Buildings Information

The Department of Buildings (DOB) computerized Property Profile Overviews (PPOs) were reviewed. According to the PPO, no Building Department records were available for the five parcels comprising the Site.

Conclusions/Recommendations

Based on the results of the site inspection, records review and interviews, it was determined that there were no REC identified with regard to the Site. However, two potential environmental concern/Business Environmental Risk (BER) was identified. The environmental concern/BER and EBC's recommendations are summarized as follows:

- Historic Sanborn maps suggest that the Site was marshlands in 1912 and that far eastern portions of the Site may have been located within the footprint of Sommerville Basin. As such, there is a potential presence for fill materials to be present beneath the Site. Since no information regarding the nature or source of the fill materials was available for review, there is a potential for the fill materials to be contaminated and/or structurally unsuitable.

  To evaluate potential impacts related to the presence of imported fill materials, a subsurface investigation should be performed prior to any redevelopment activities. At a minimum, the investigation should include the installation of soil borings and/or test pits with the collection of representative soil samples for laboratory analysis to document subsurface conditions and determine the nature and extent of contamination (if present).

- The site (Block 16014, Lot No.1) was listed on the E-Designation database as having a E-Hazmat and E-Air restrictions (E-215), which was determined during the Rockaway Neighborhood Rezoning completed by the City in August 2008 (CEQR 08DCP065Q). The Hazardous Materials designation indicates that there is a potential for soil and groundwater beneath the Site to be impacted by historic operations at the Site or adjacent properties. The Air E-Designation requires any new residential or commercial structures to have HVAC stacks located 62 (No. 2 fuel oil) or 82 (No. 4 fuel oil) from the lot line facing Beach 59th Street or use natural gas for space heating and hot water (HVAC) systems. The Hazmat and Noise E-designations require the issuance of a Notice to Proceed by the NYC Office of Environmental Remediation (OER) before the property can be redeveloped.

FIGURES

1808 Middle Country Road
Ridge, NY 11961
Phone 631.924.0870
Fax 631.924.2870

FIGURE 1 – SITE LOCATION MAP

EBC
Phone 631.504.6000
Fax 631.924.2870
Environmental Business Consultants

SITE NAME: Undeveloped Property
STREET ADDRESS: Beach Channel Drive and Beach 62nd Street
MUNICIPALITY, STATE, ZIP: Arverne, NY 11692

Source: USGS

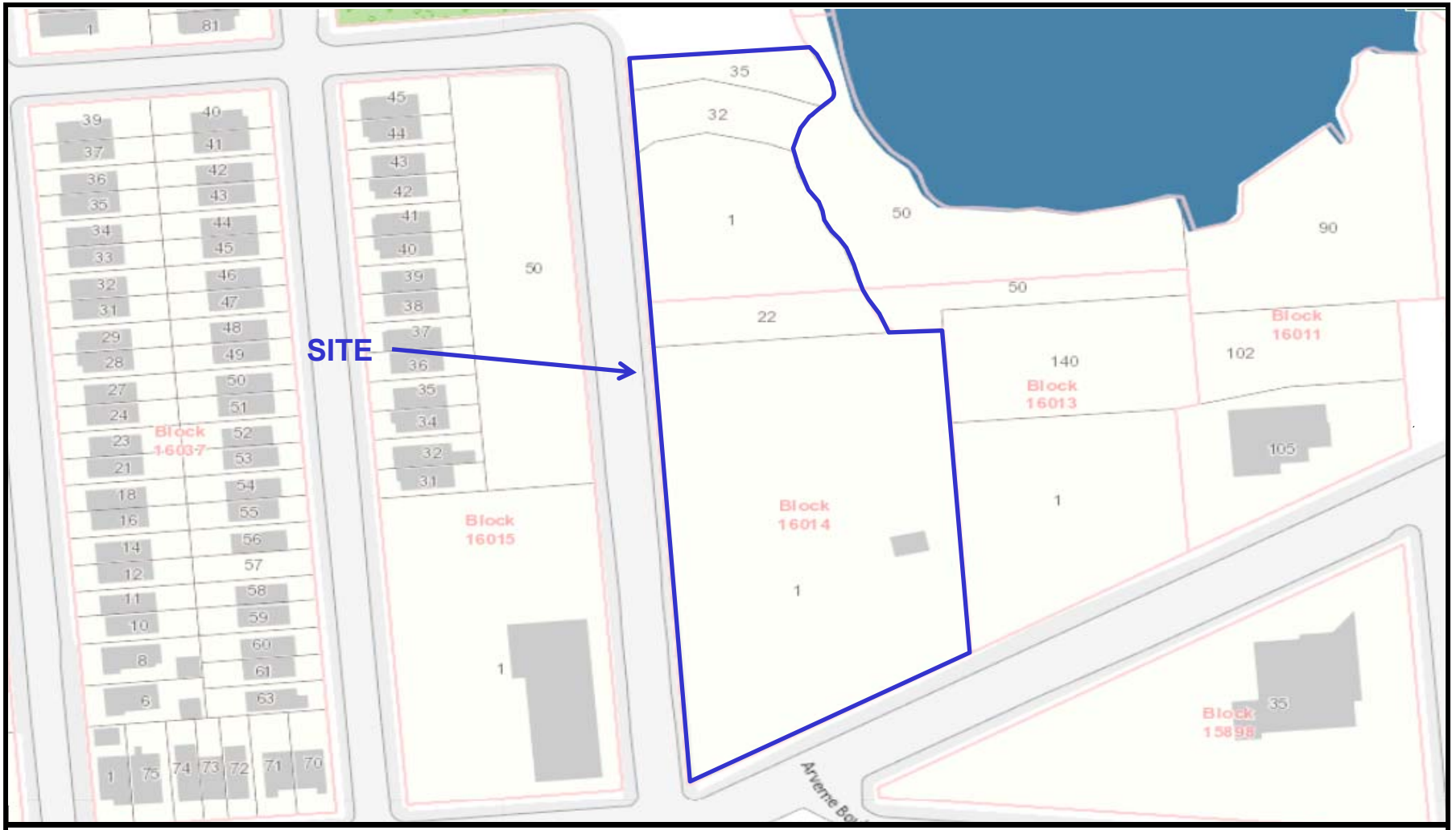

FIGURE 2 – LOT DIAGRAM

N

SITE NAME: Undeveloped Property
STREET ADDRESS: Beach Channel Drive and Beach 62nd Street
MUNICIPALITY, STATE, ZIP: Arverne, NY 11692

Source: NYC Oasis Map

EBC
Environmental Business Consultants
Phone 631.504.6000
Fax 631.924.2870

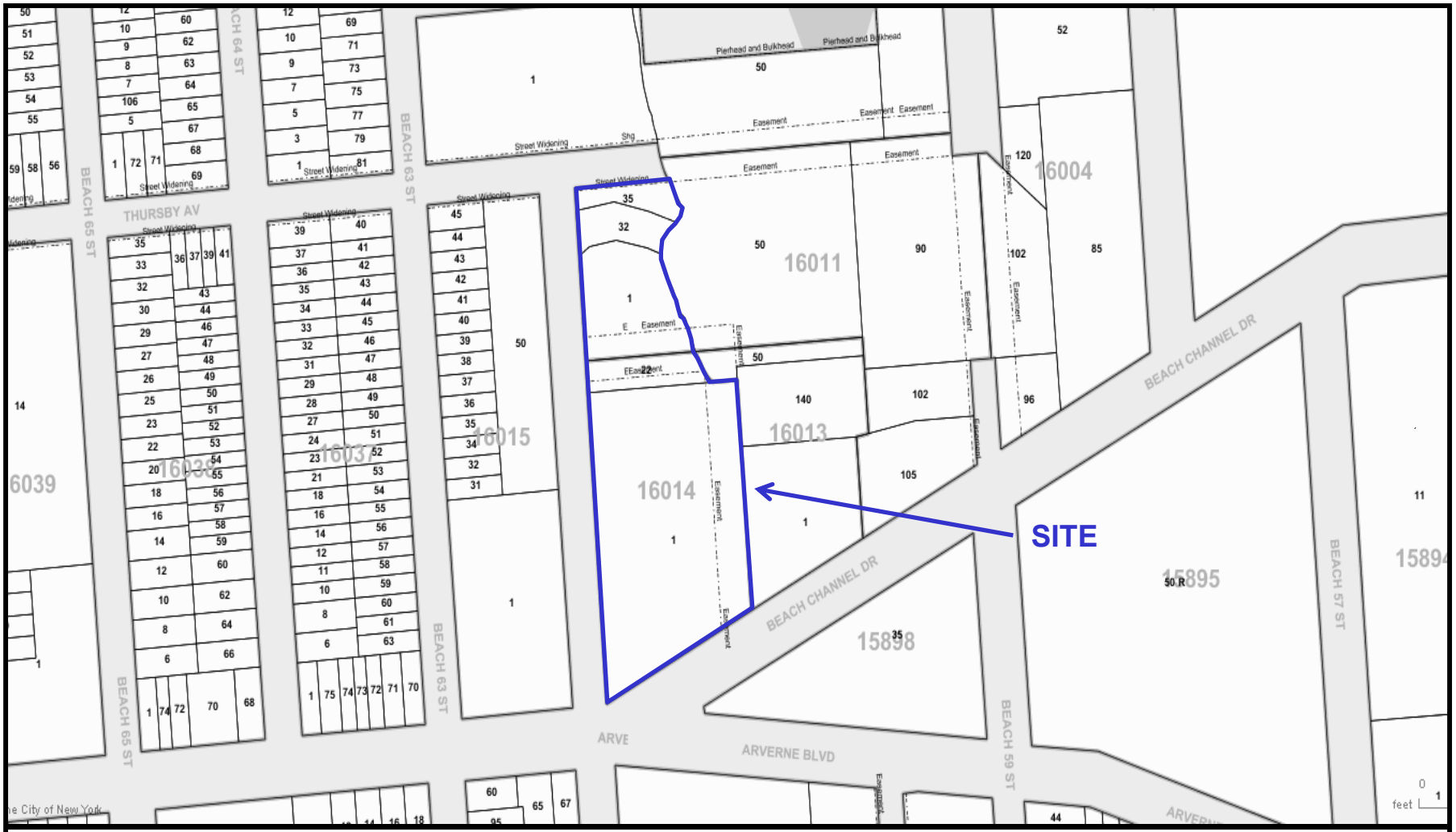

FIGURE 3 – TAX MAP

N

SITE NAME: Undeveloped Property
STREET ADDRESS: Beach Channel Drive and Beach 62nd Street
MUNICIPALITY, STATE, ZIP: Arverne, NY 11692

Source: New York City Department of Finance

EBC
Environmental Business Consultants
Phone 631.504.6000
Fax 631.924.2870

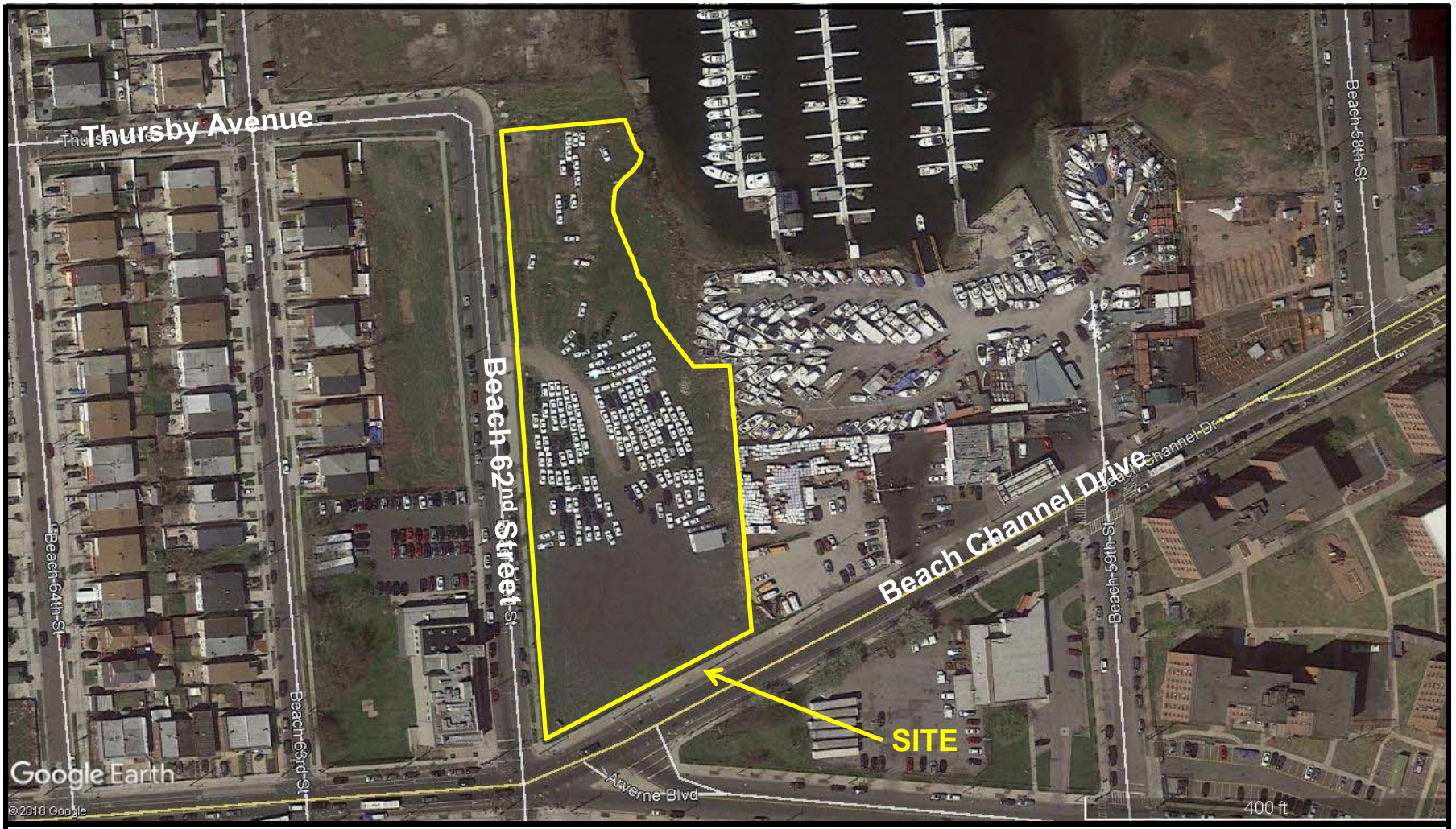

FIGURE 4 – SITE AERIAL

N

SITE NAME: Commercial Property
STREET ADDRESS: 542 Atlantic Avenue
MUNICIPALITY, STATE, ZIP: Brooklyn, NY 11217

Source: Google Earth – April 2016

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Environmental Business Consultants
Phone 631.504.6000
Fax 631.924.2870

PHOTOGRAPHS

1808 Middle Country Road
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Phone 631.924.0870
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View of the subject property, looking north from beach Channel Drive.

View of the subject property, looking south.

View of the subject property and modular building, looking north

View of modular building interior.

View of a vegetated soil mound on the northeastern portion of the site.

View of household trash and RCA on the north-central portion of the site.

View of the concrete slab associated with the former structure at the northwestern corner of the site, looking southwest.

View of gated driveway entrance, looking east across Beach 62nd Street.

View of the northern adjacent property, looking north from Thursby Avenue.

View of the western adjacent medical center, looking west across Beach 62nd Street.

SANBORN MAPS

1808 Middle Country Road
Ridge, NY 11961
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Undeveloped Property

Beach Channel Drive

Arverne, NY 11692

Inquiry Number: 5186391.3

February 13, 2018

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Toll Free: 800.352.0050
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Certified Sanborn® Map Report

02/13/18

Site Name:

Undeveloped Property
Beach Channel Drive
Arverne, NY 11692
EDR Inquiry # 5186391.3

Client Name:

Env. Business Consultants
1808 Middle Country Road
Ridge, NY 11961
Contact: Keith W Butler

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Project AMB1801

Maps Provided:

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2005	1993	1983
2004	1992	1982
2003	1991	1981
2002	1990	1951
2001	1988	1933
1999	1987	1912
1996	1986	

Sanborn® Library search results

Certification #: D0CD-4089-A45B

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- ✓ University Publications of America
- ✓ EDR Private Collection

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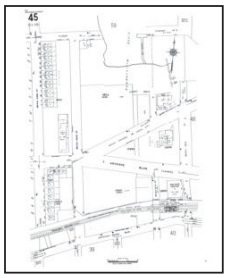
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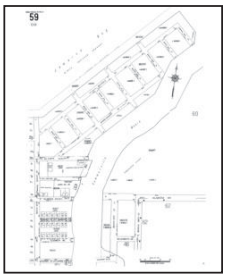
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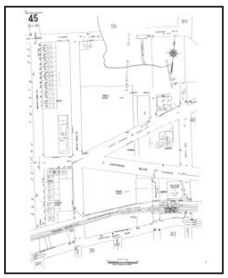
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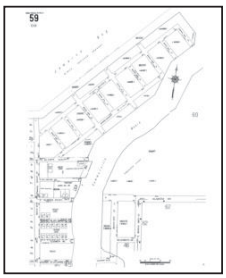
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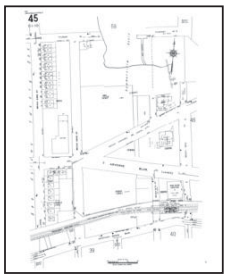
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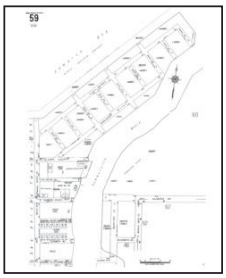
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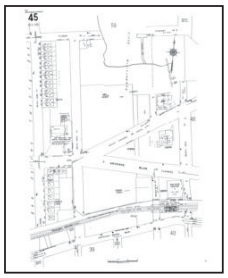
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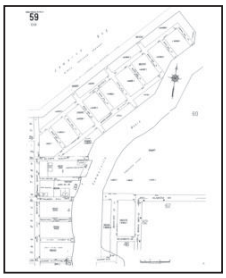
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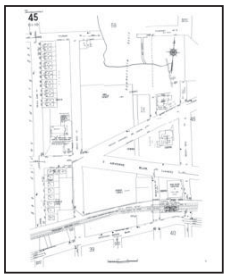

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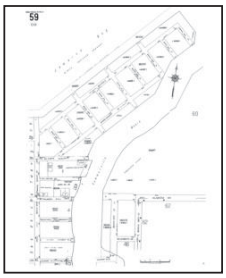

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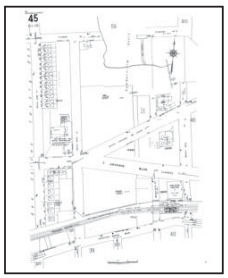

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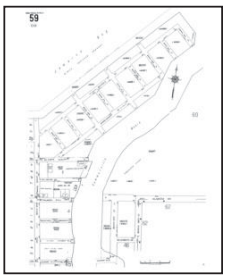

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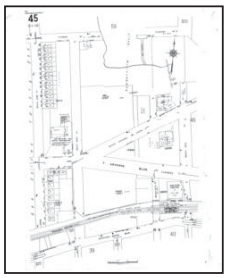

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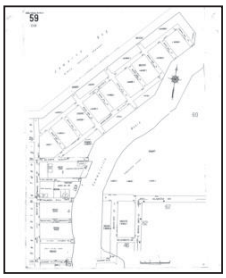

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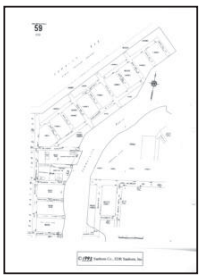

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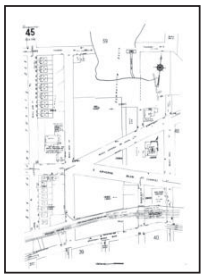
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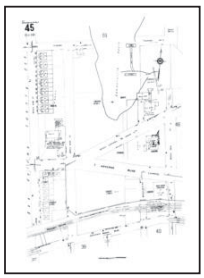
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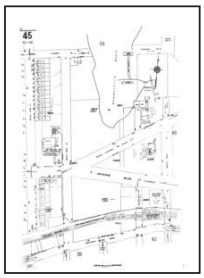
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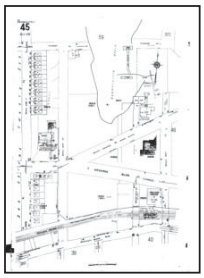
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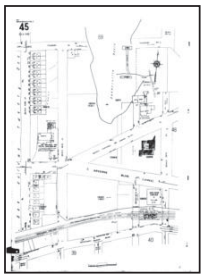
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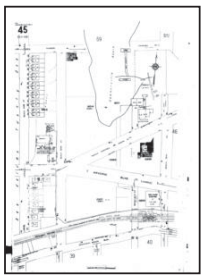
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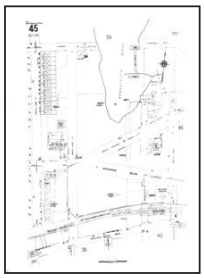
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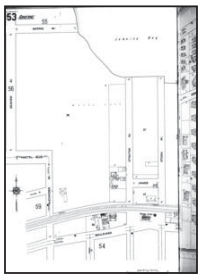

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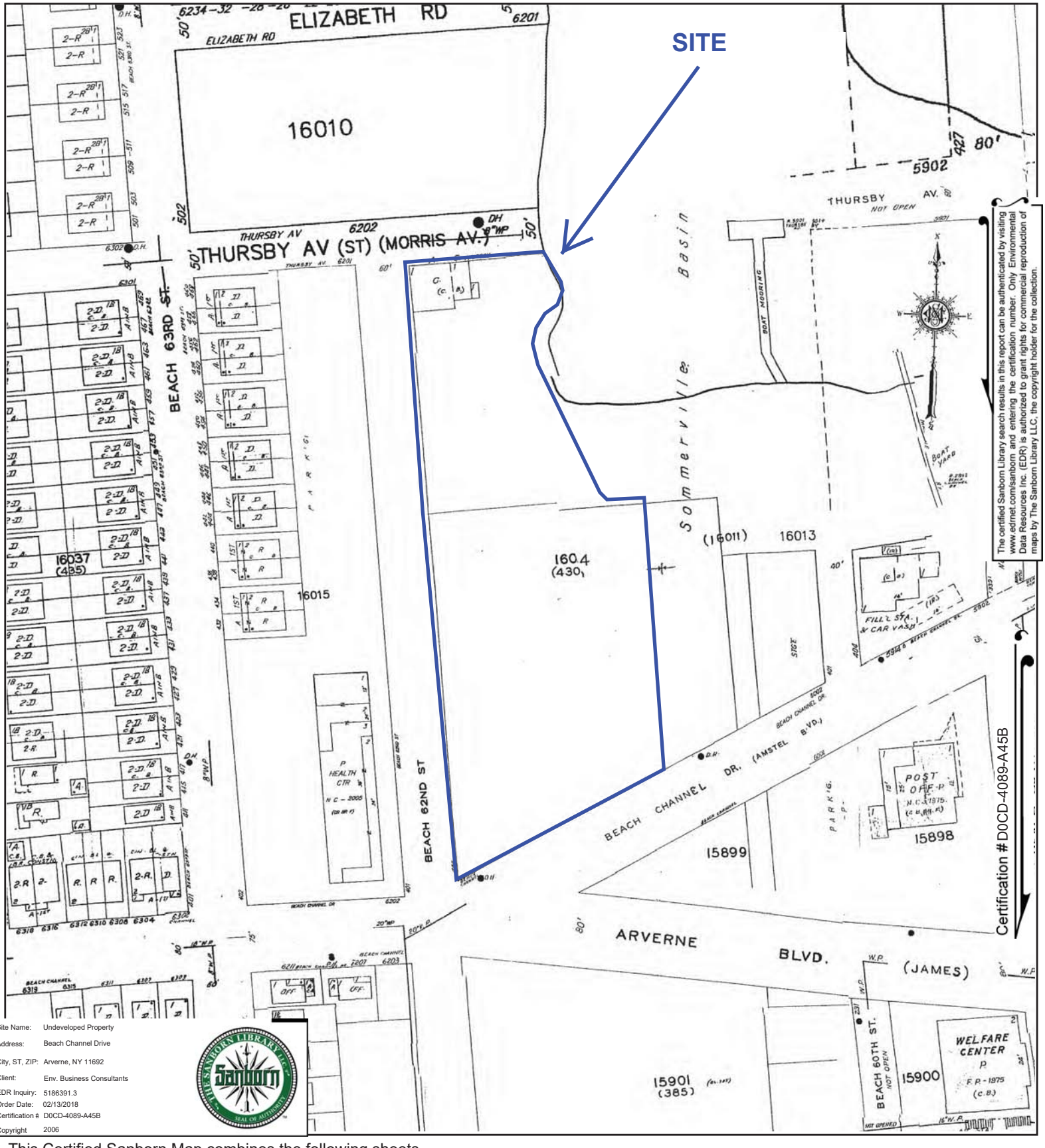

Site Name:	Undeveloped Property
Address:	Beach Channel Drive
City, ST, ZIP:	Arverne, NY 11692
Client:	Env. Business Consultants
EDR Inquiry:	5186391.3
Order Date:	02/13/2018
Certification #:	D0CD-4089-A45B
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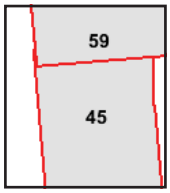

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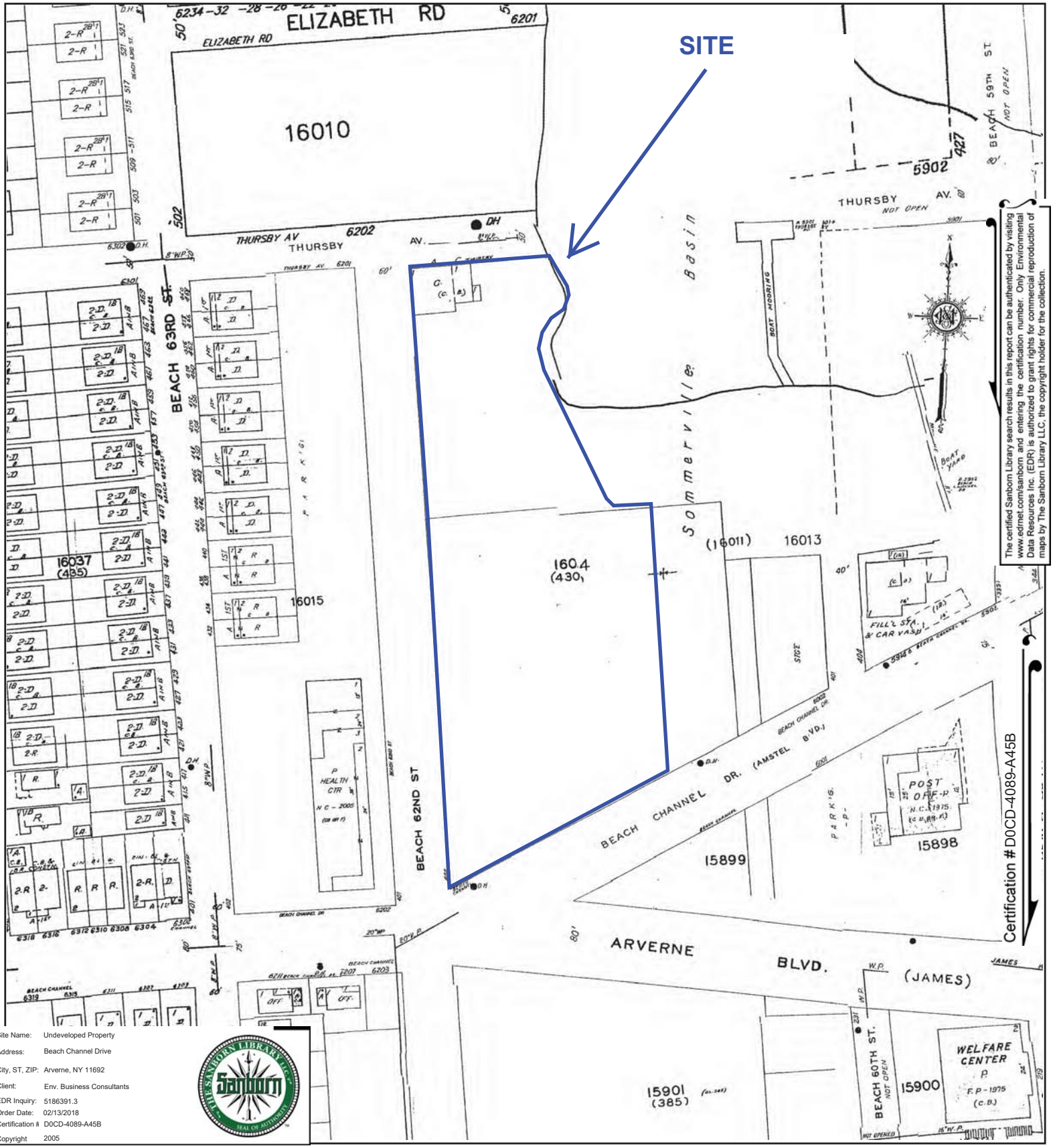

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Address:	Beach Channel Drive
City, ST, ZIP:	Arverne, NY 11692
Client:	Env. Business Consultants
EDR Inquiry:	5186391.3
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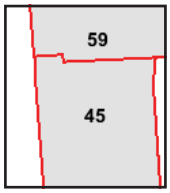

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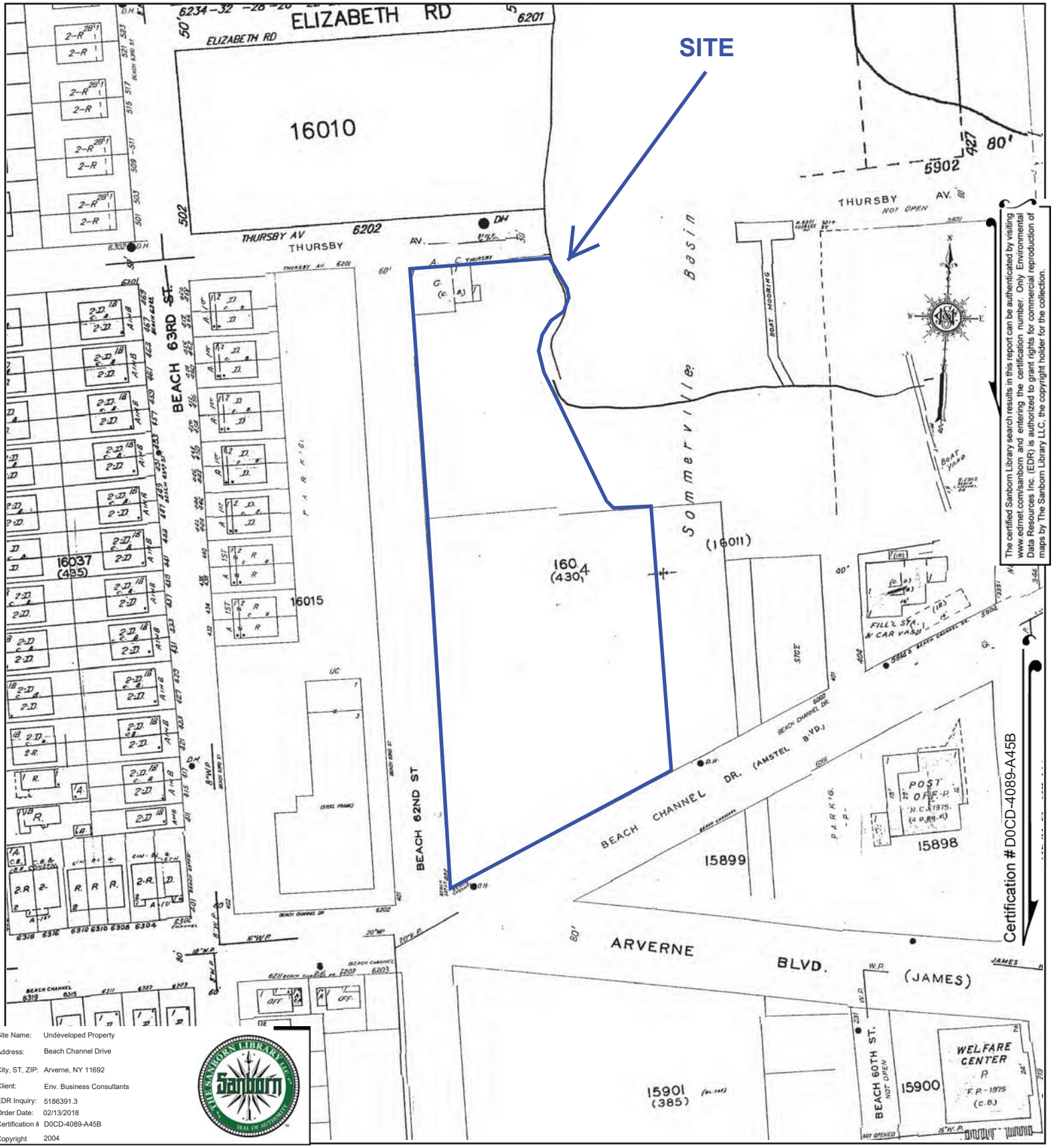

Certification # D0CD-4089-A45B

Site Name:	Undeveloped Property
Address:	Beach Channel Drive
City, ST, ZIP:	Arverne, NY 11692
Client:	Env. Business Consultants
EDR Inquiry:	5186391.3
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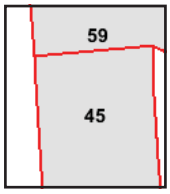

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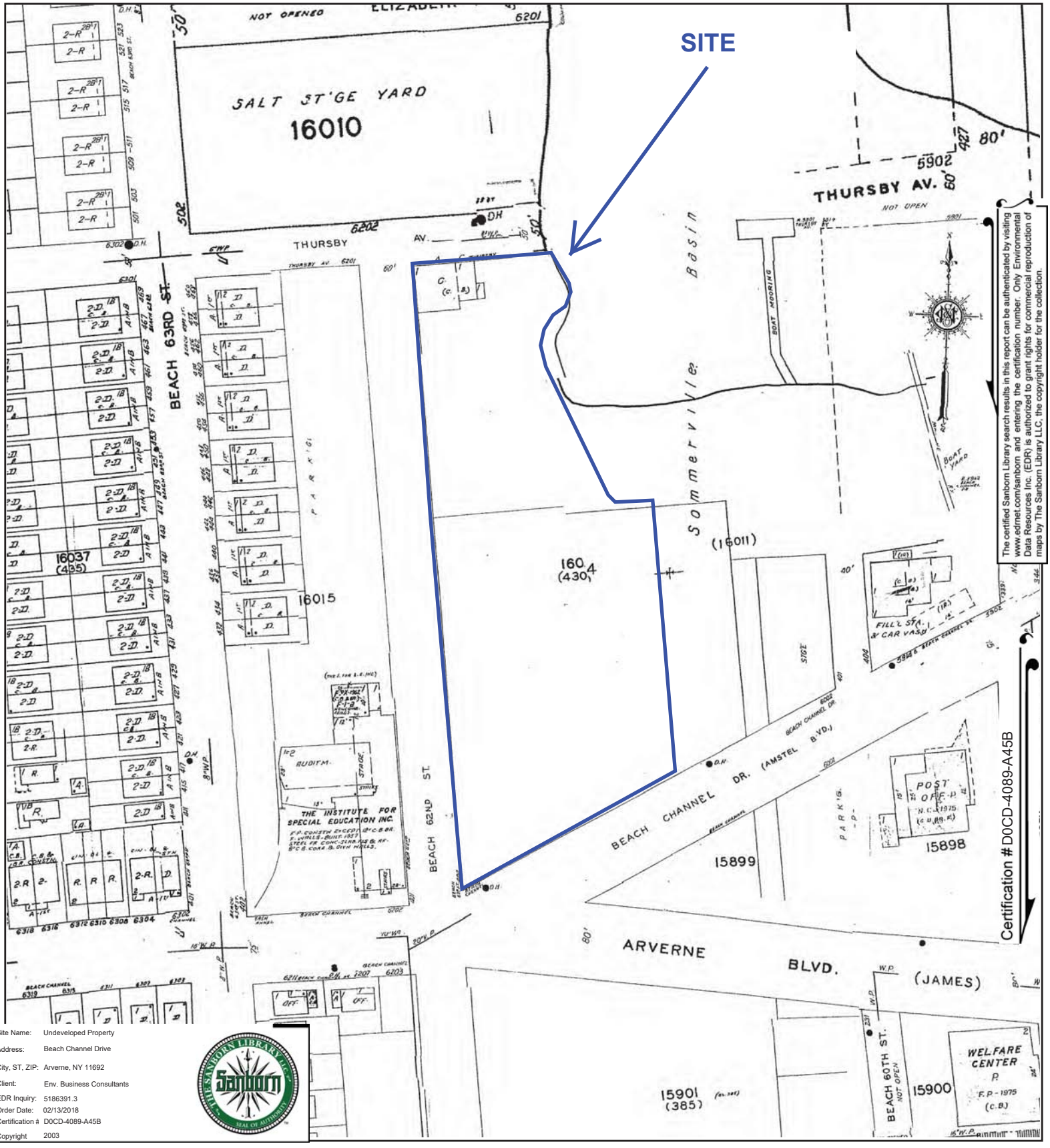

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Client:	Env. Business Consultants
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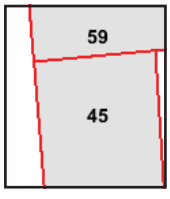

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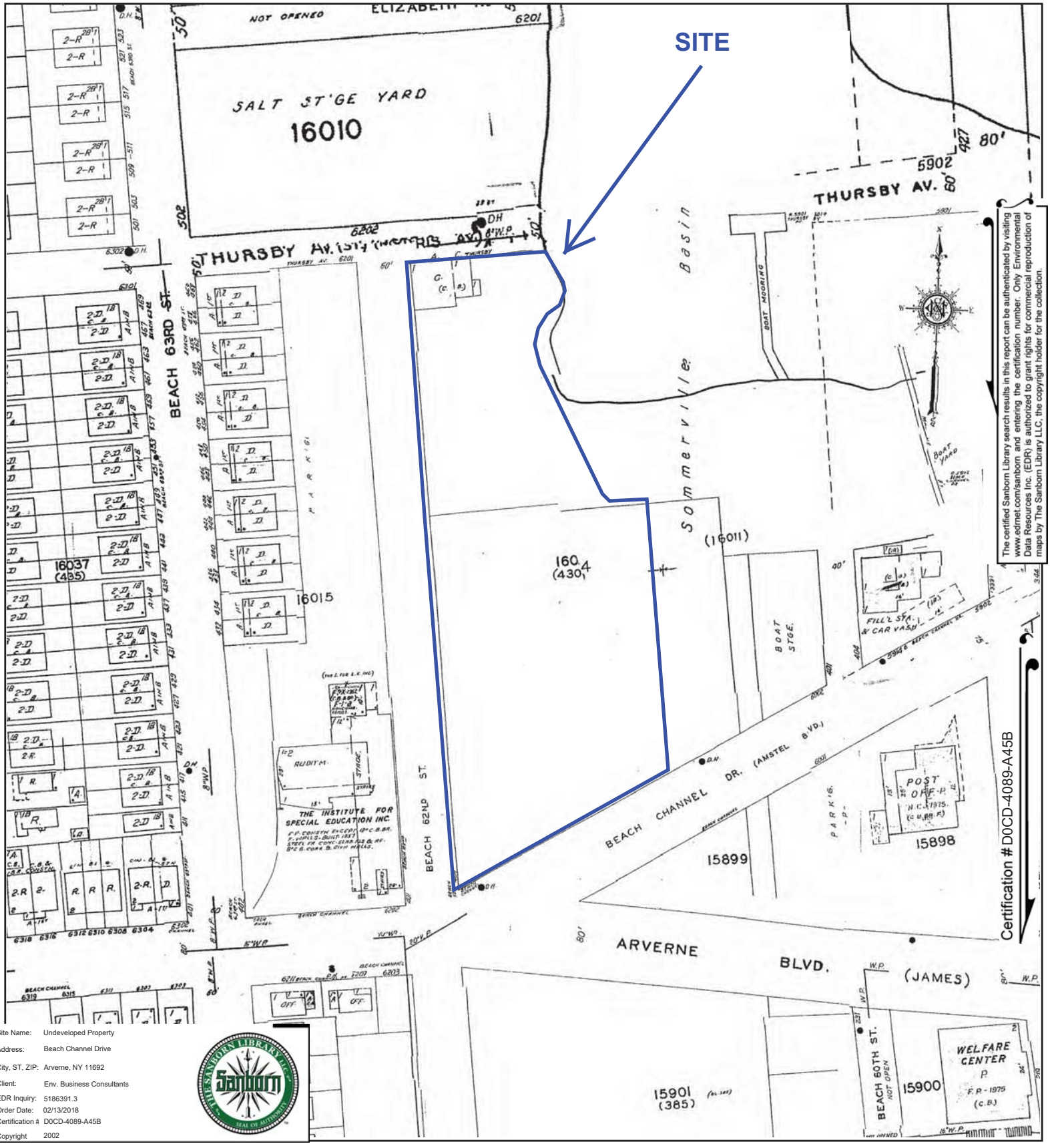

Site Name: Undeveloped Property
Address: Beach Channel Drive
City, ST, ZIP: Arverne, NY 11692
Client: Env. Business Consultants
EDR Inquiry: 5186391.3
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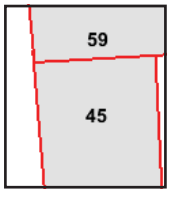

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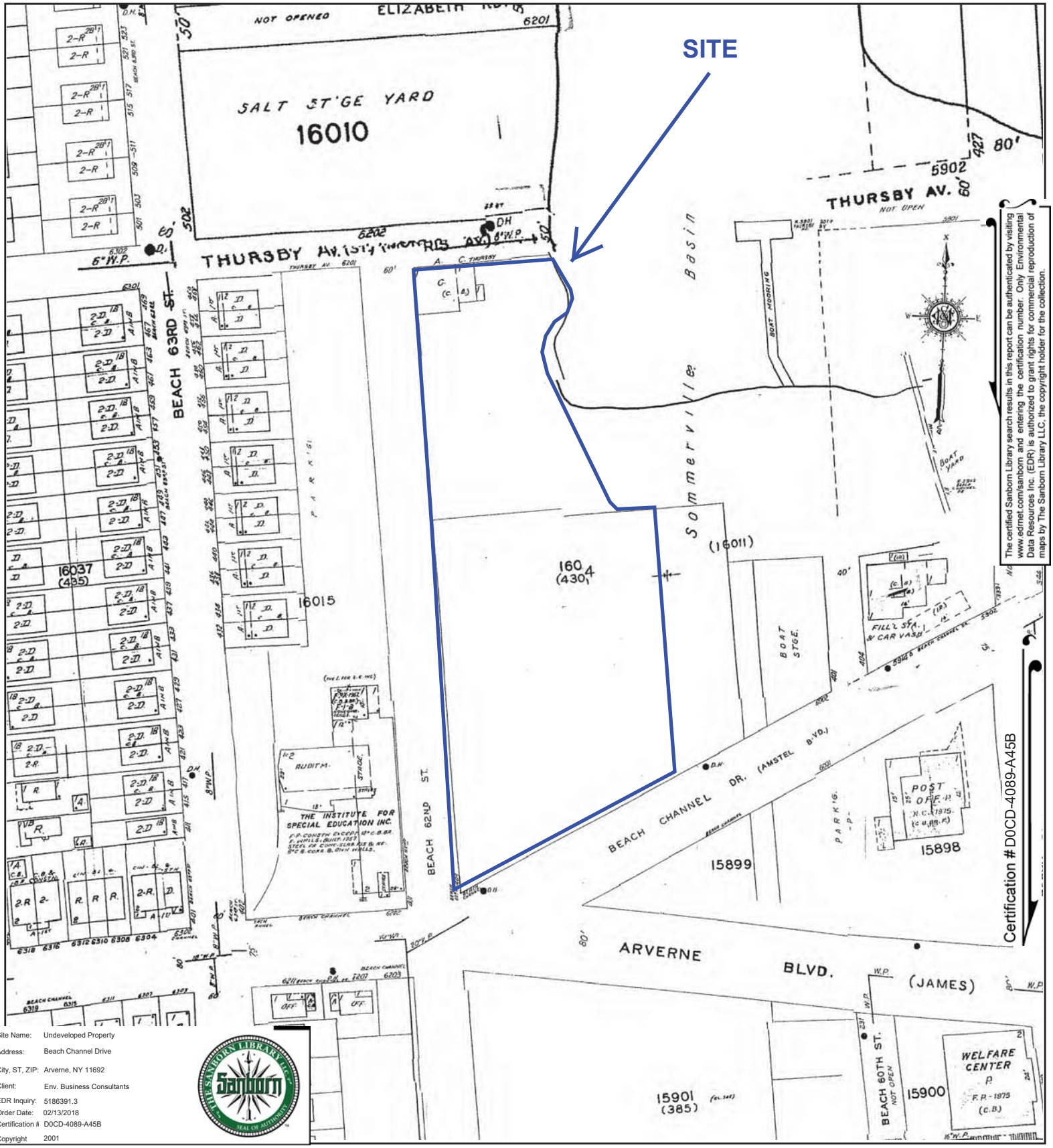

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EDR Inquiry:	5186391.3
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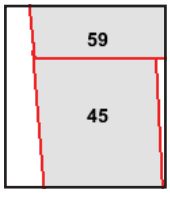

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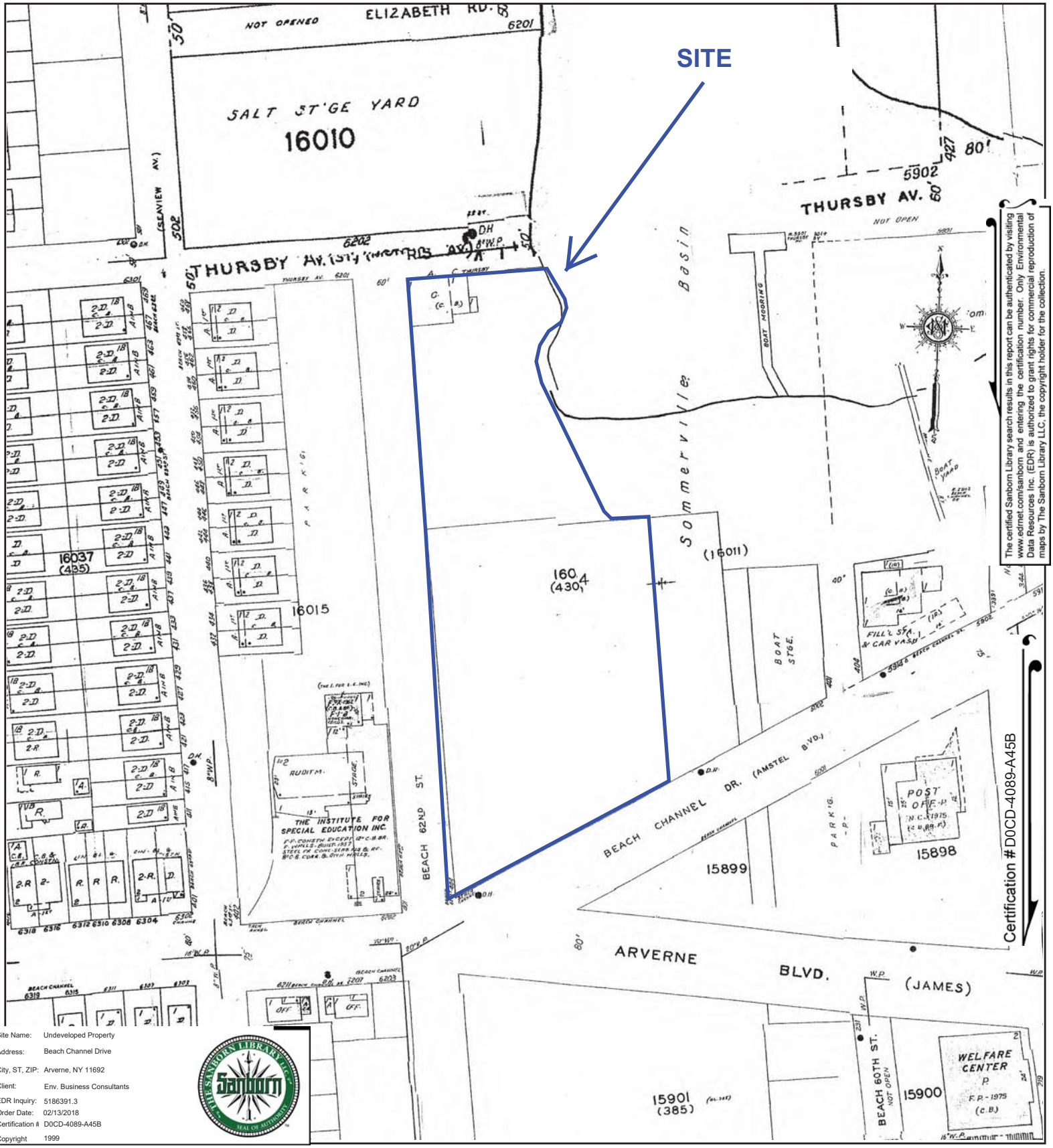

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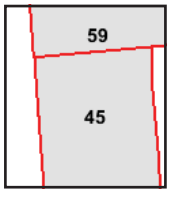

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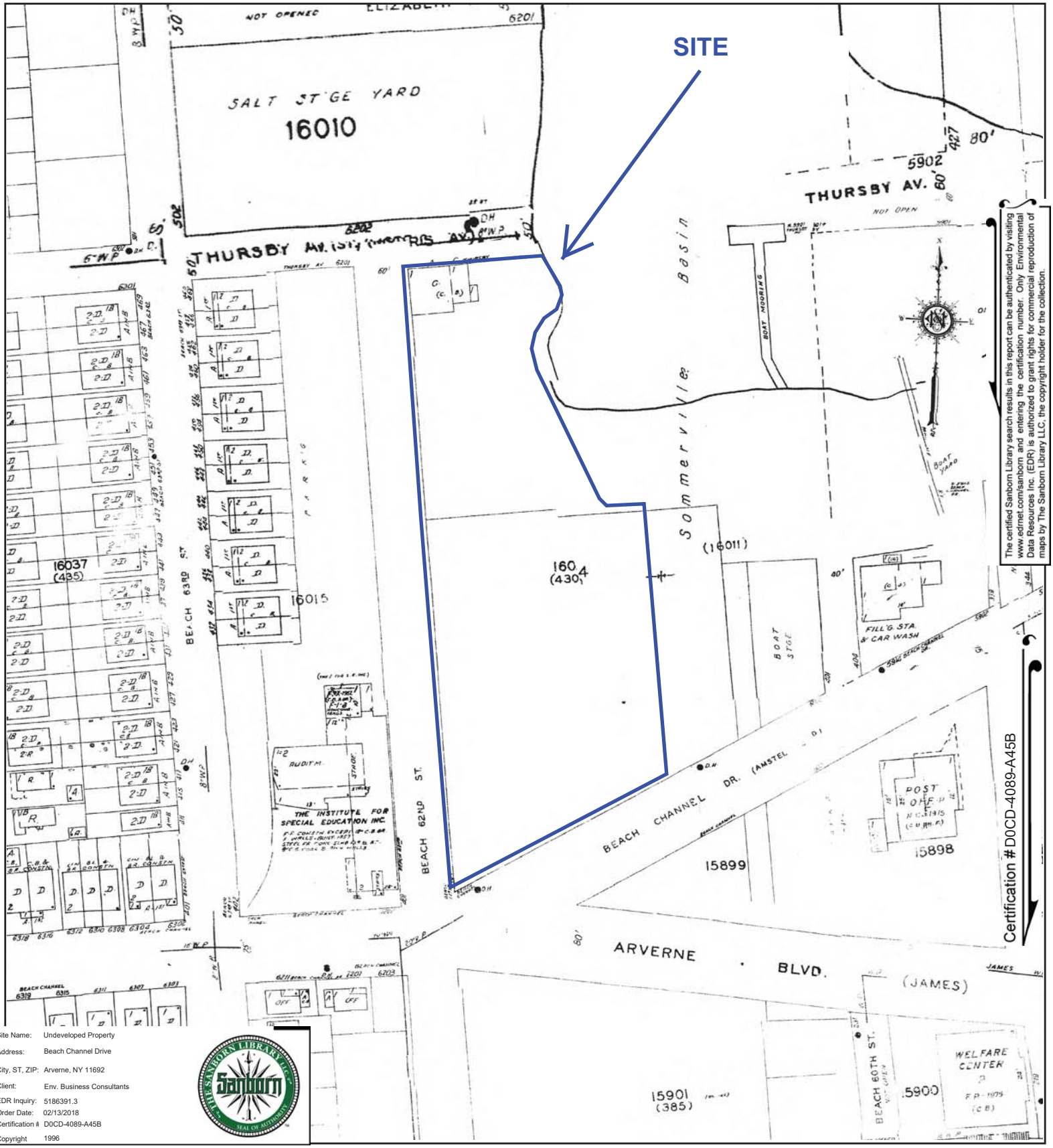

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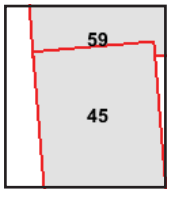

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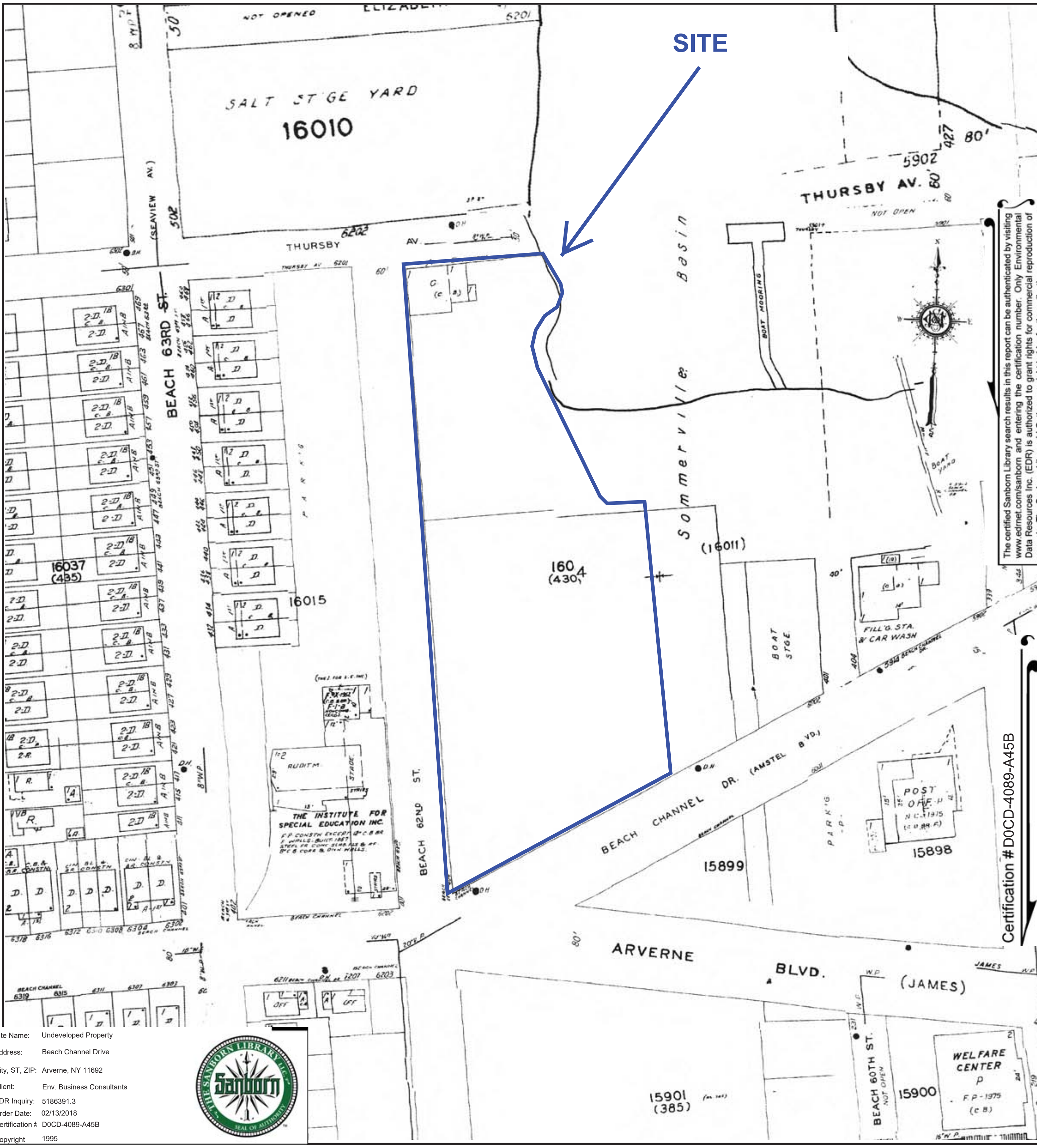

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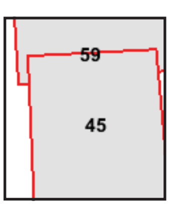

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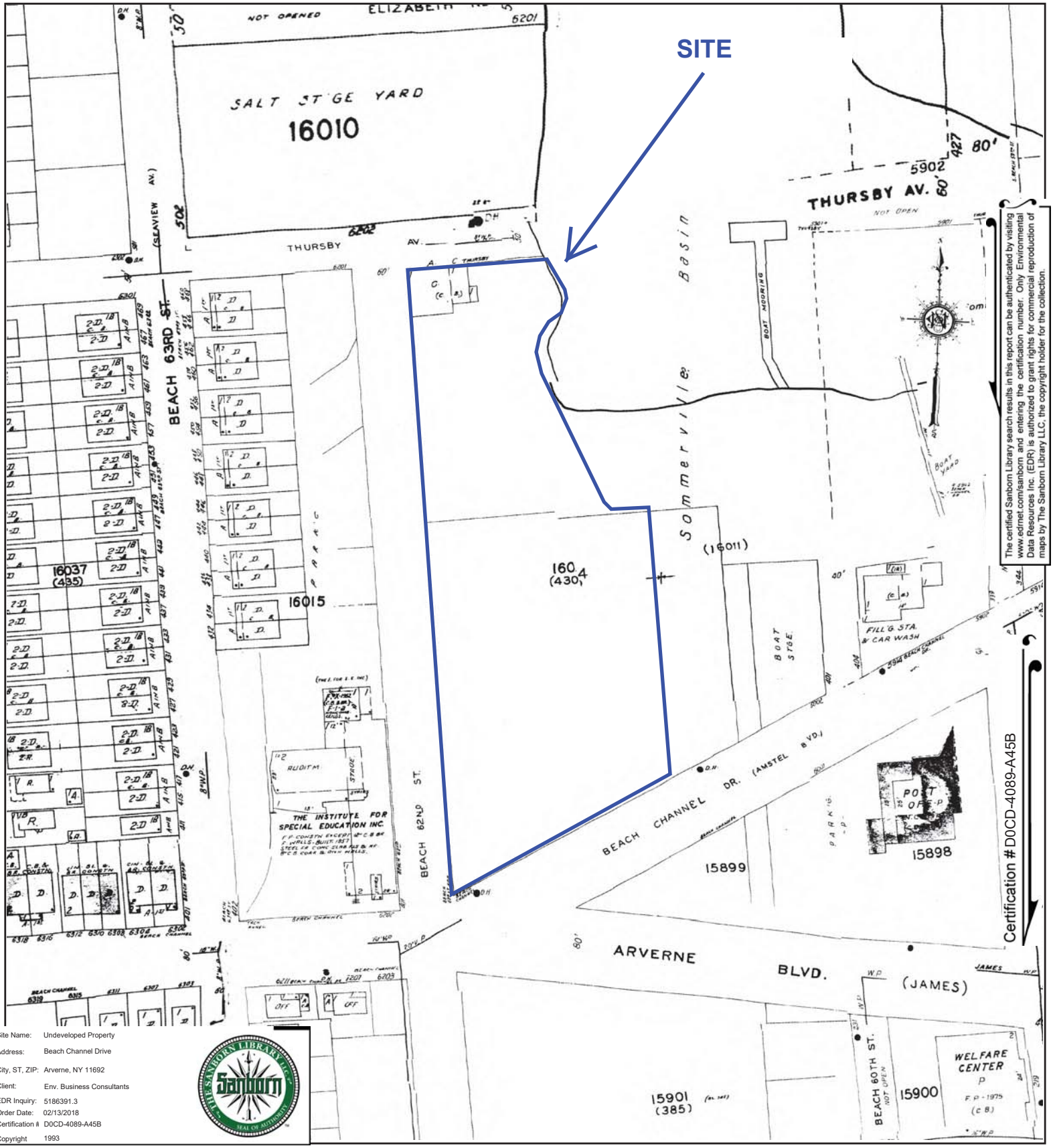

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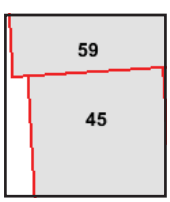

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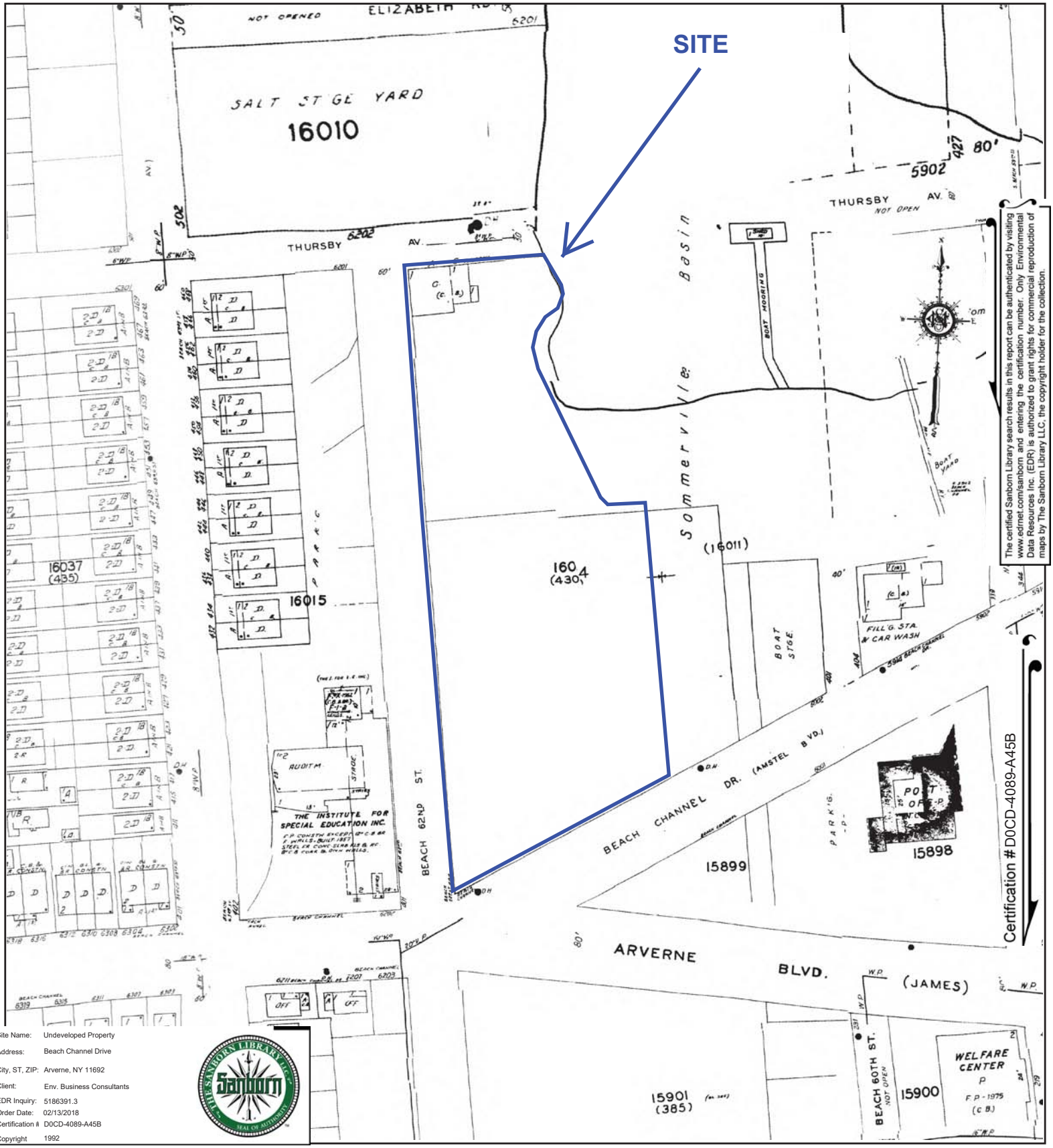

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Certification #	D0CD-4089-A45B
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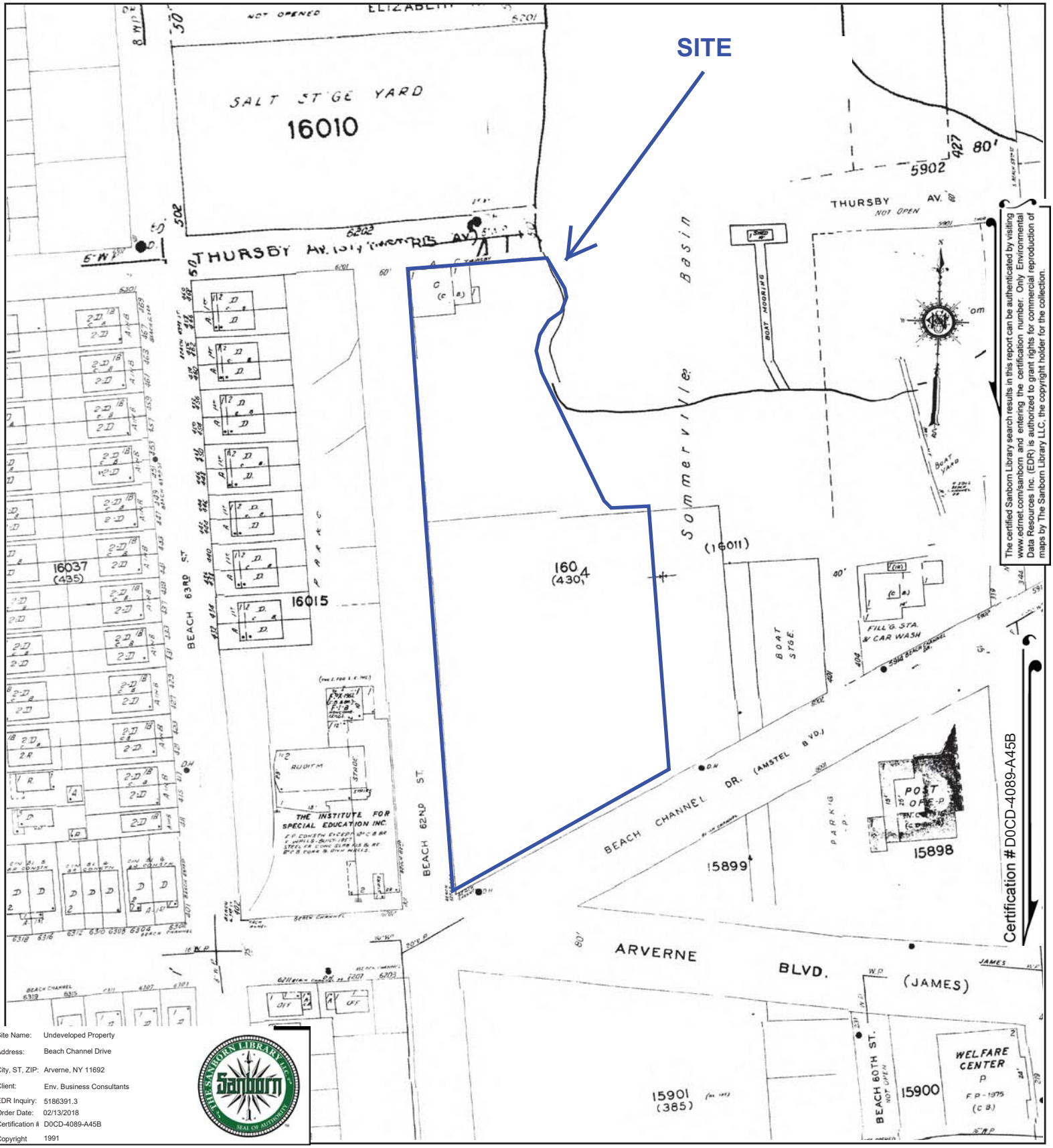

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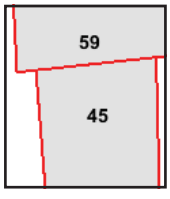

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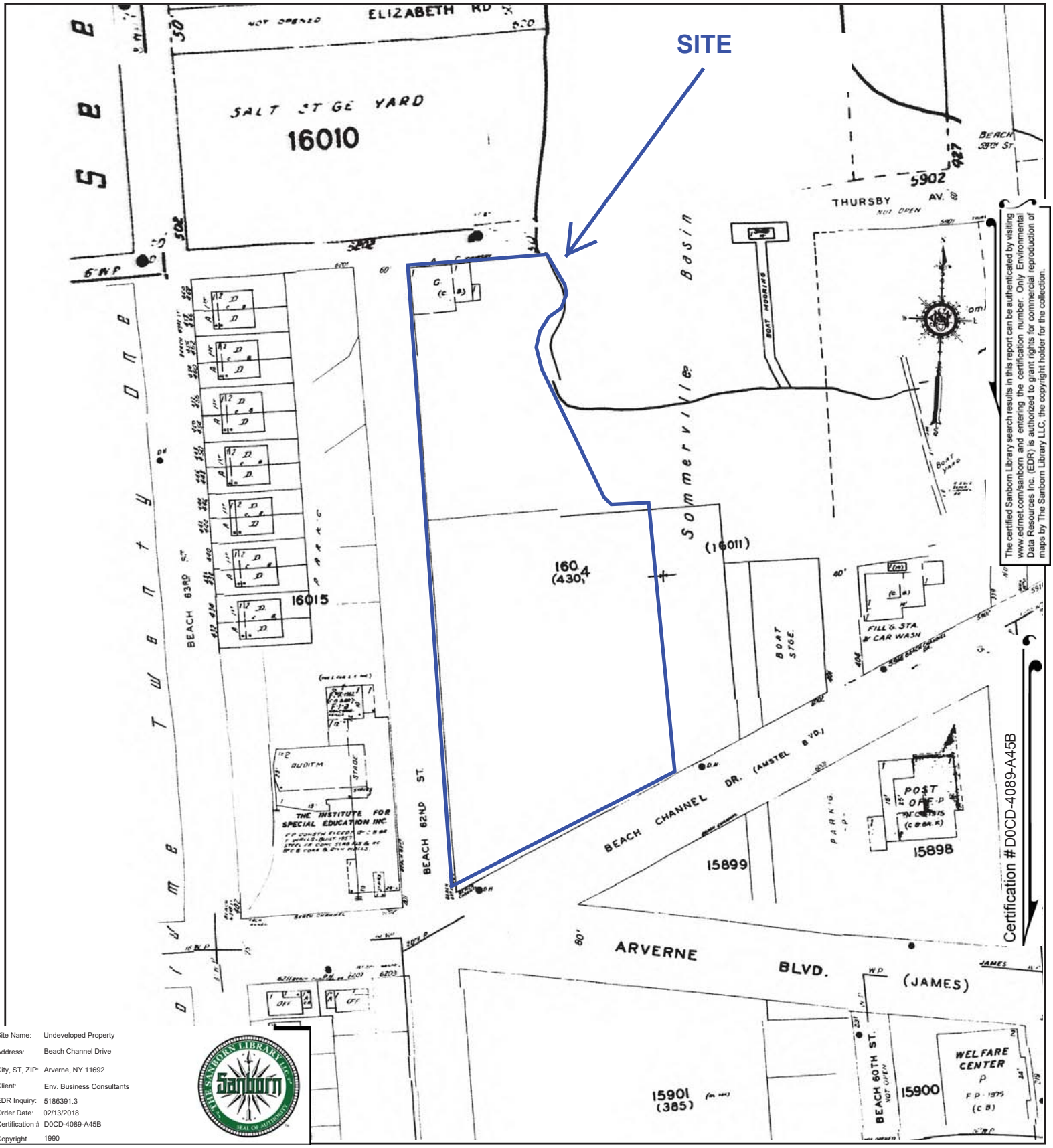

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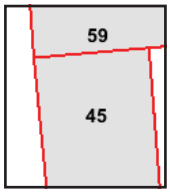

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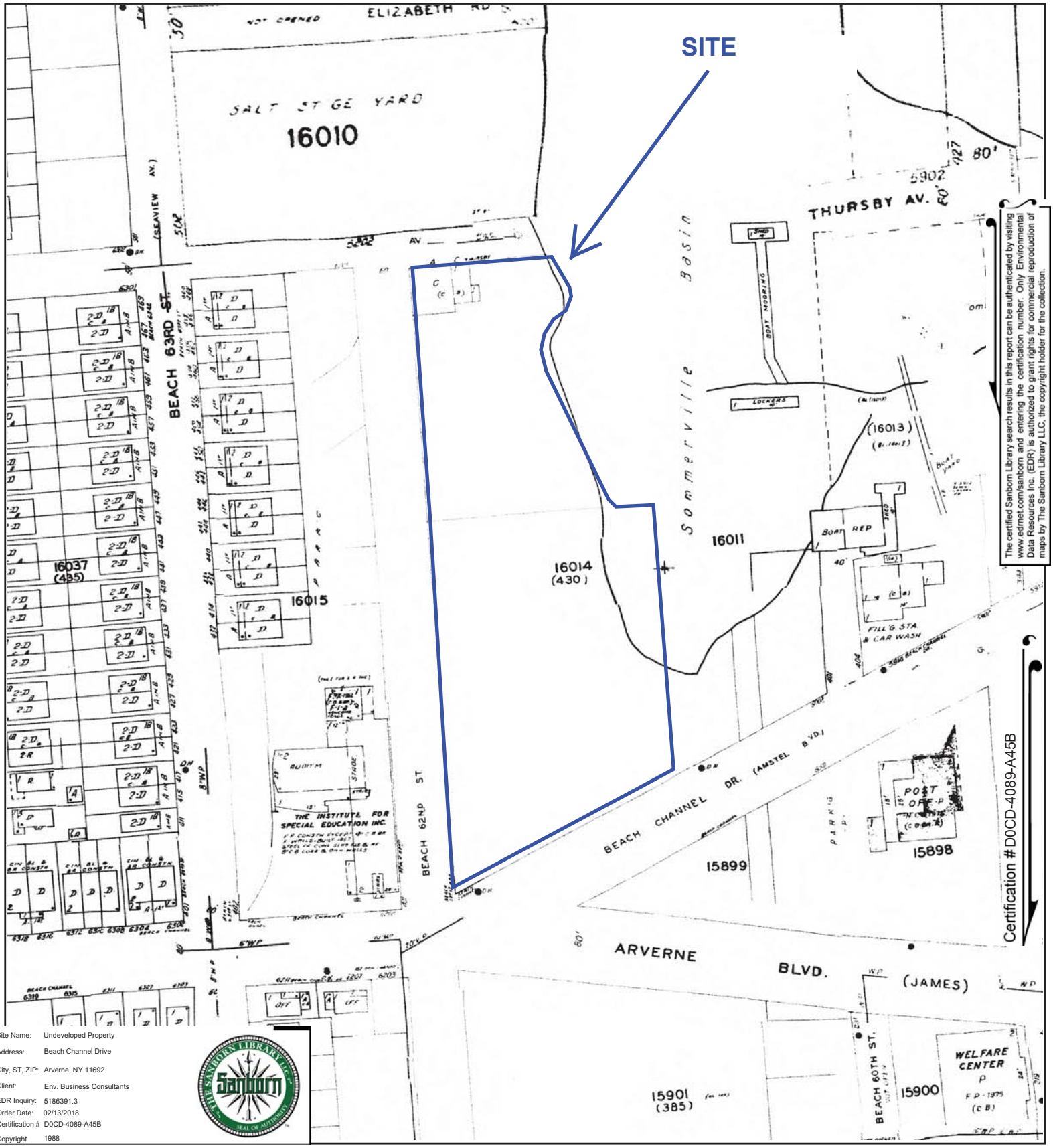

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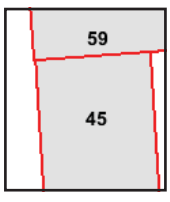

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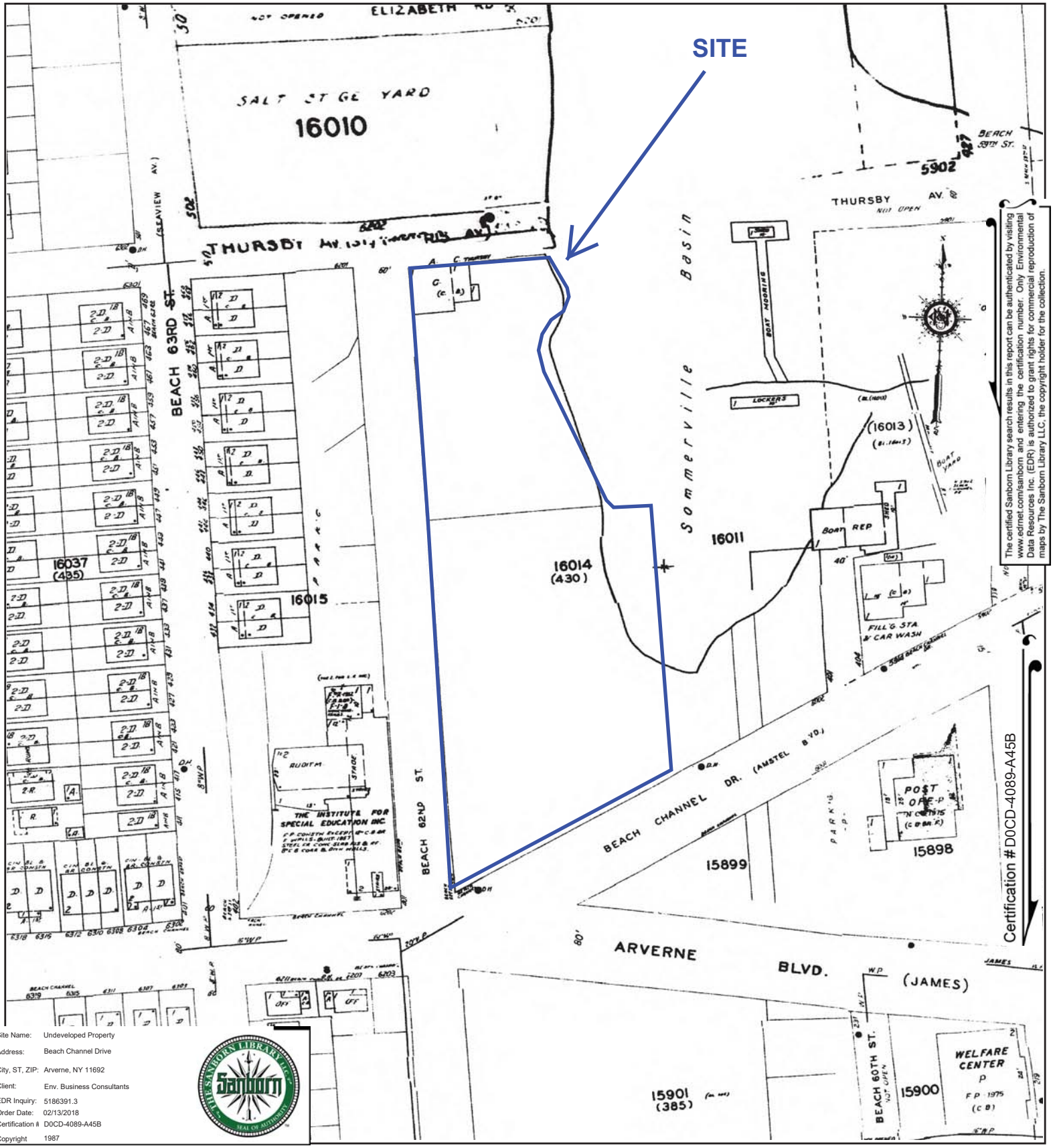

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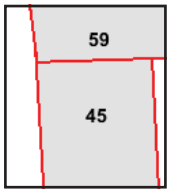

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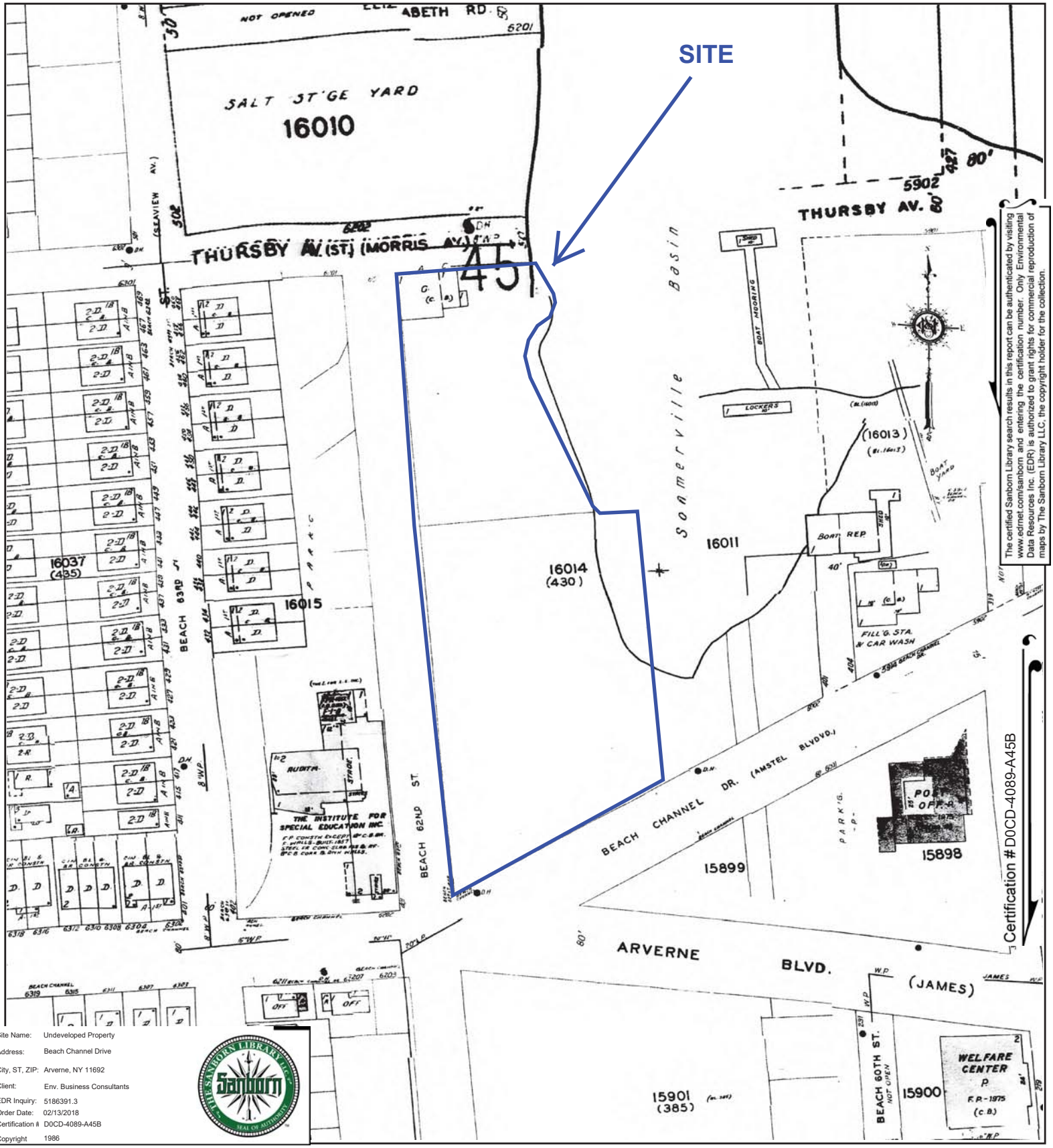

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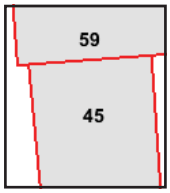

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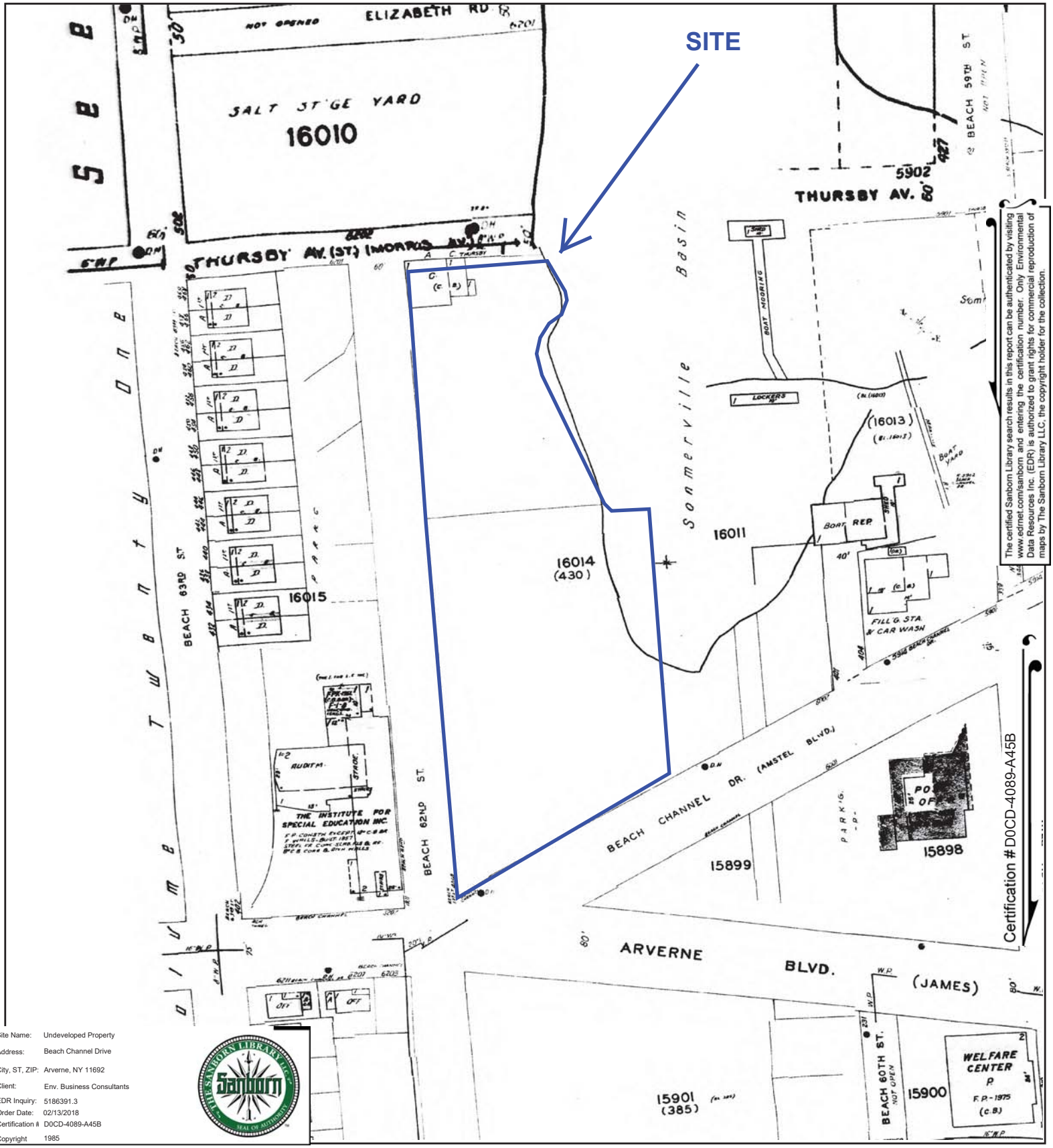

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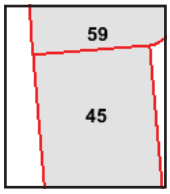

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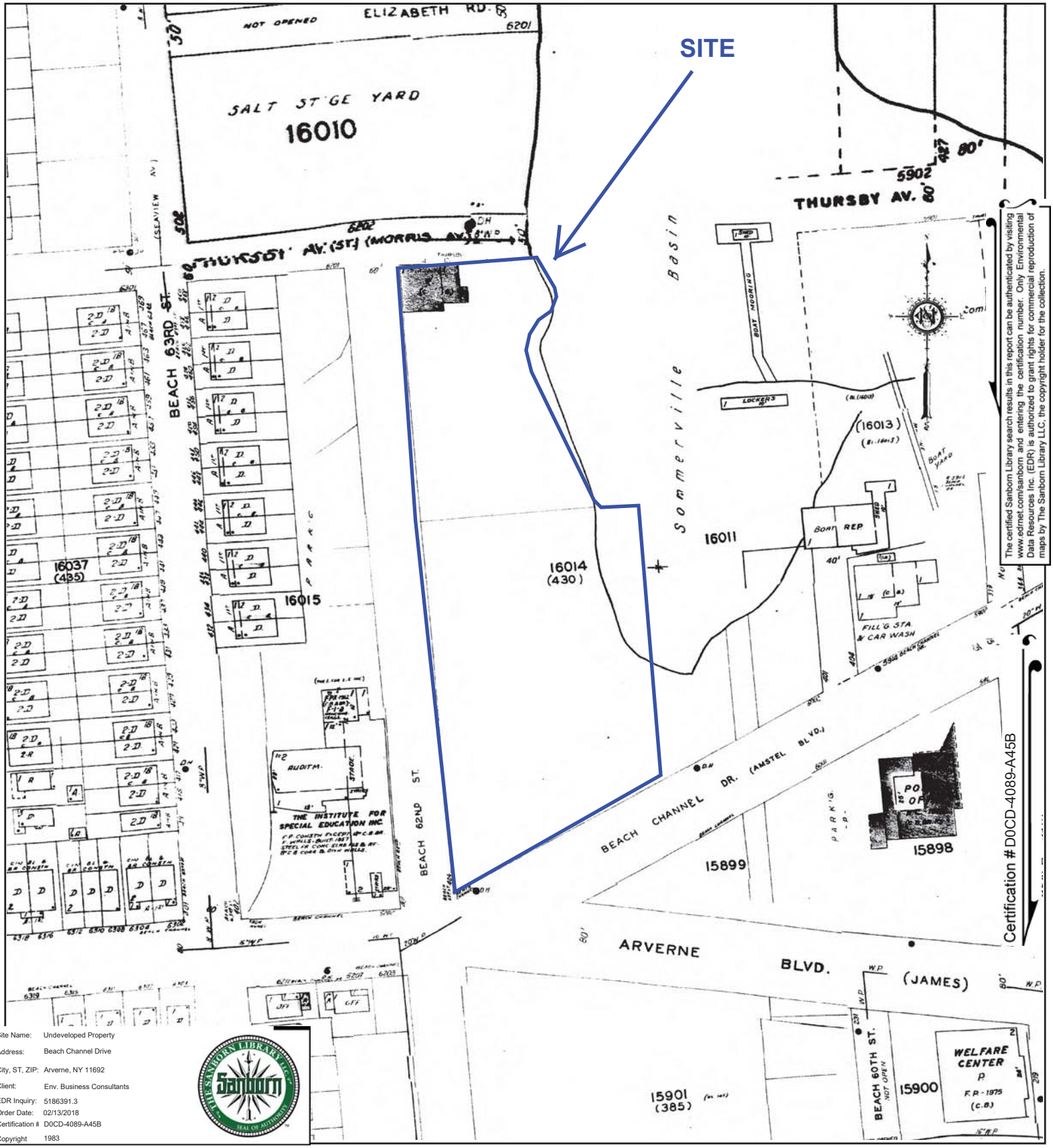

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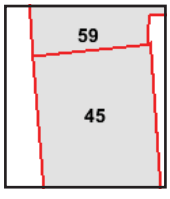

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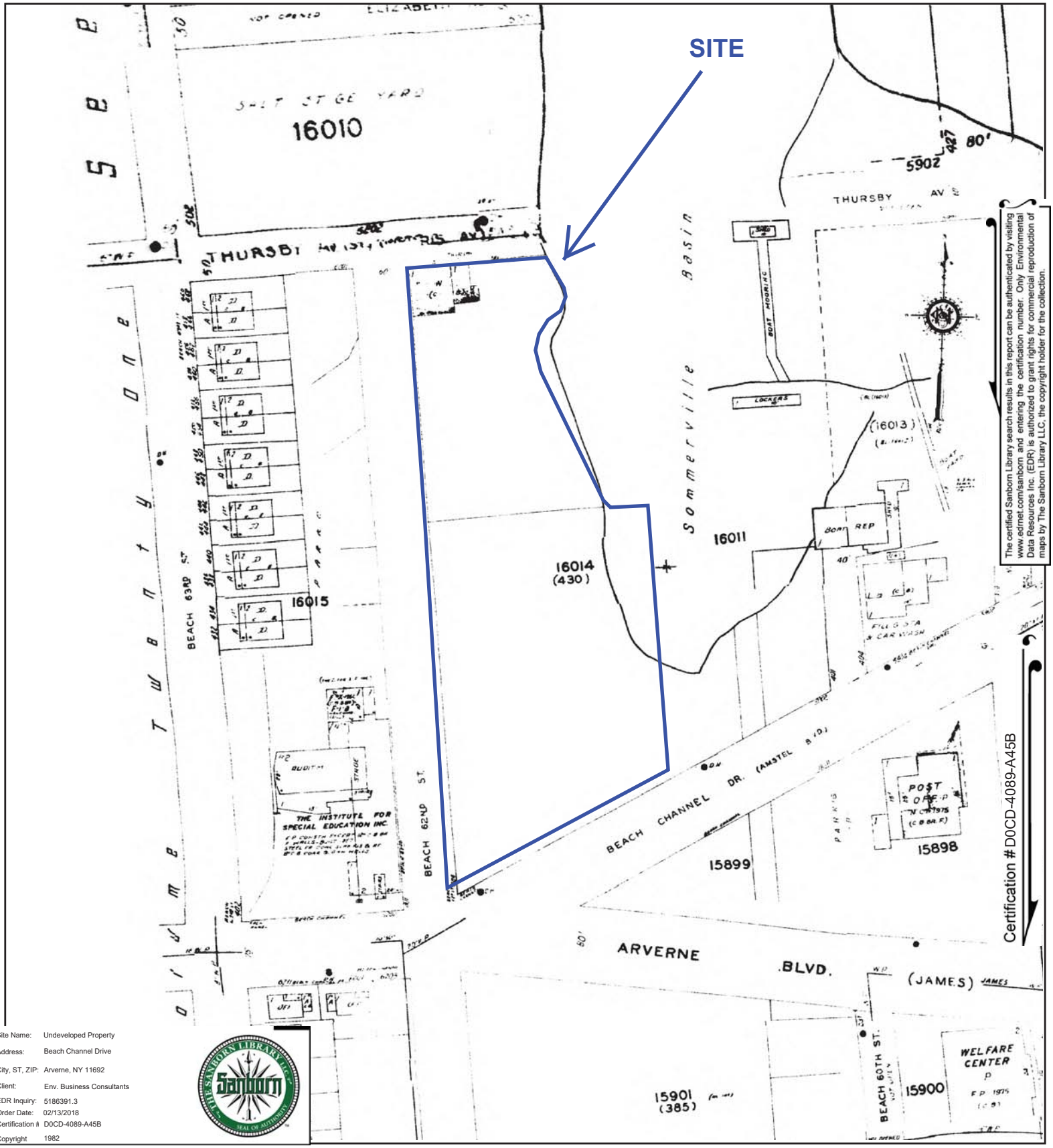

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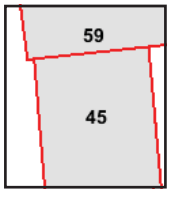

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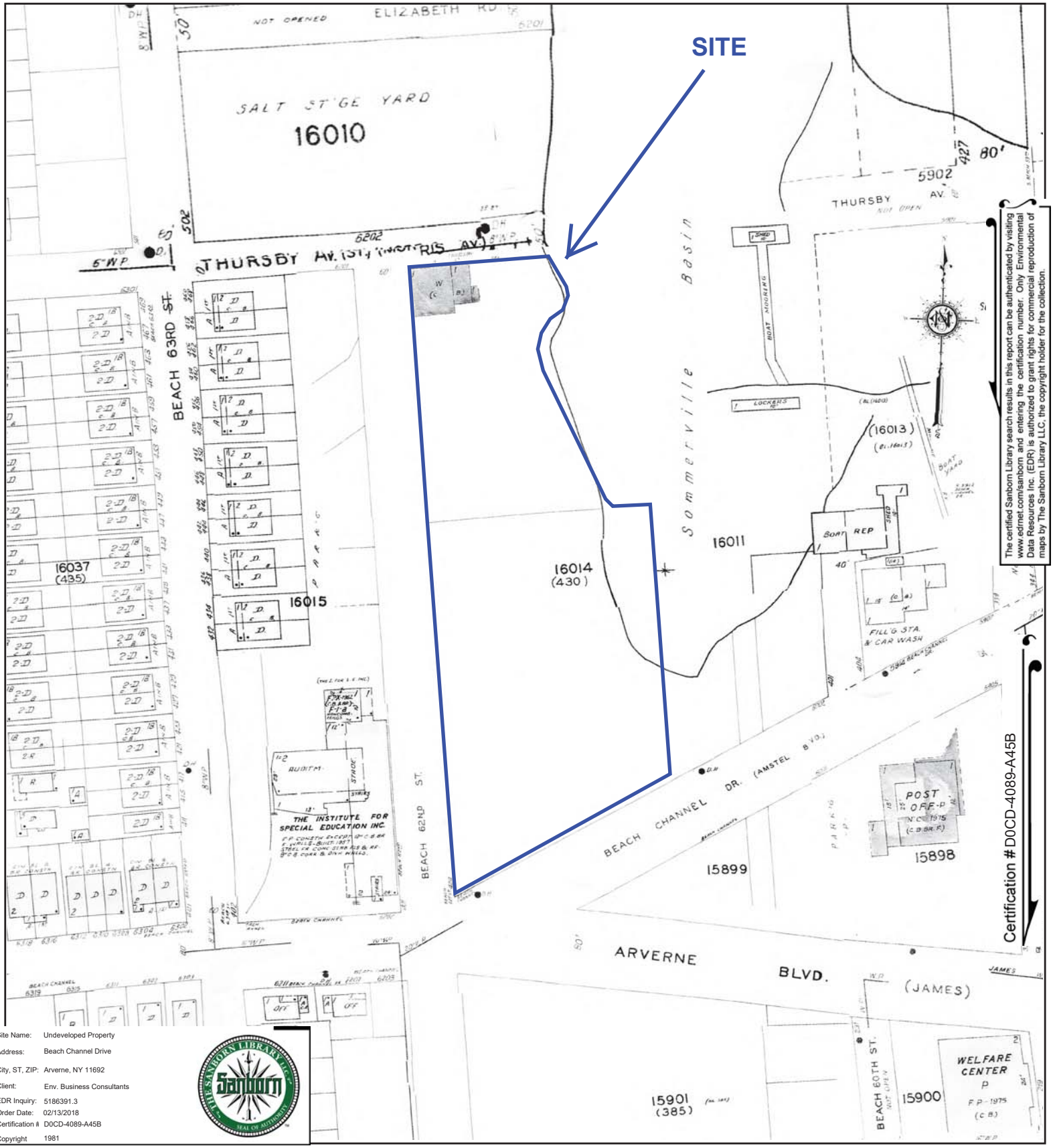

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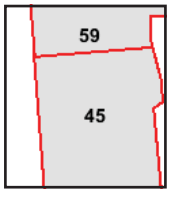

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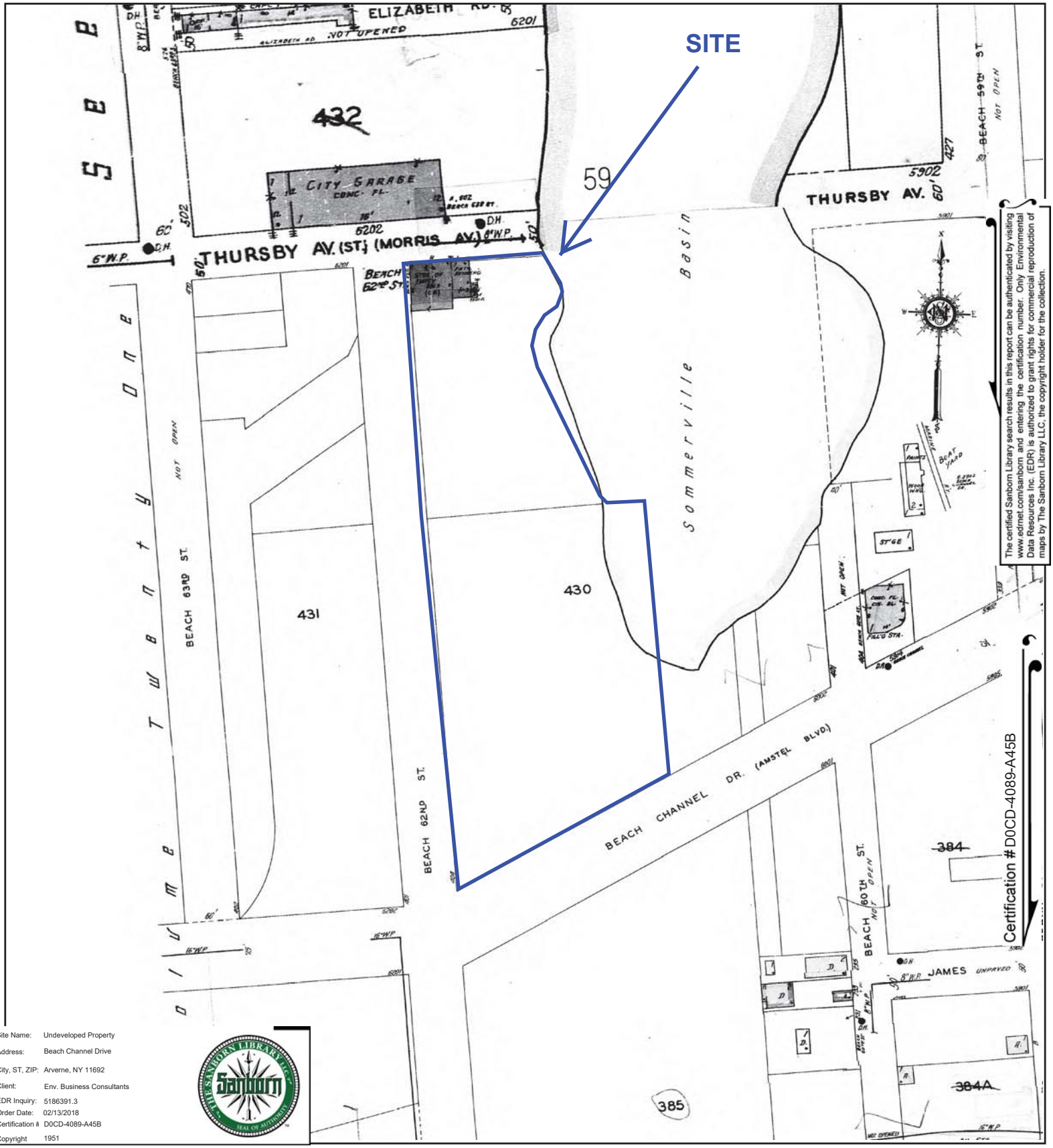

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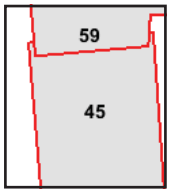

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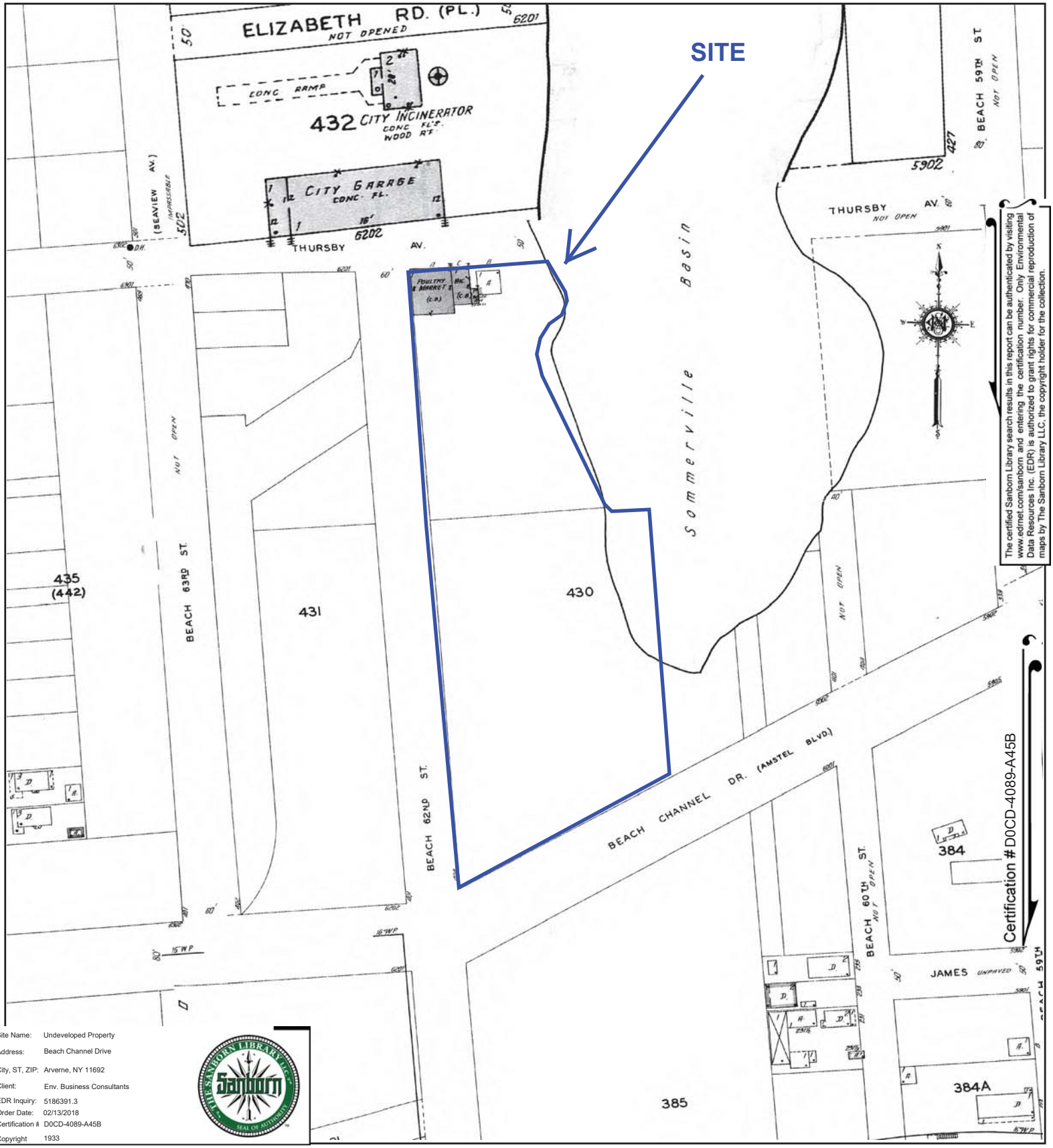

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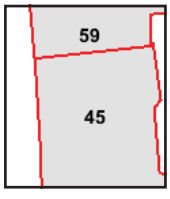

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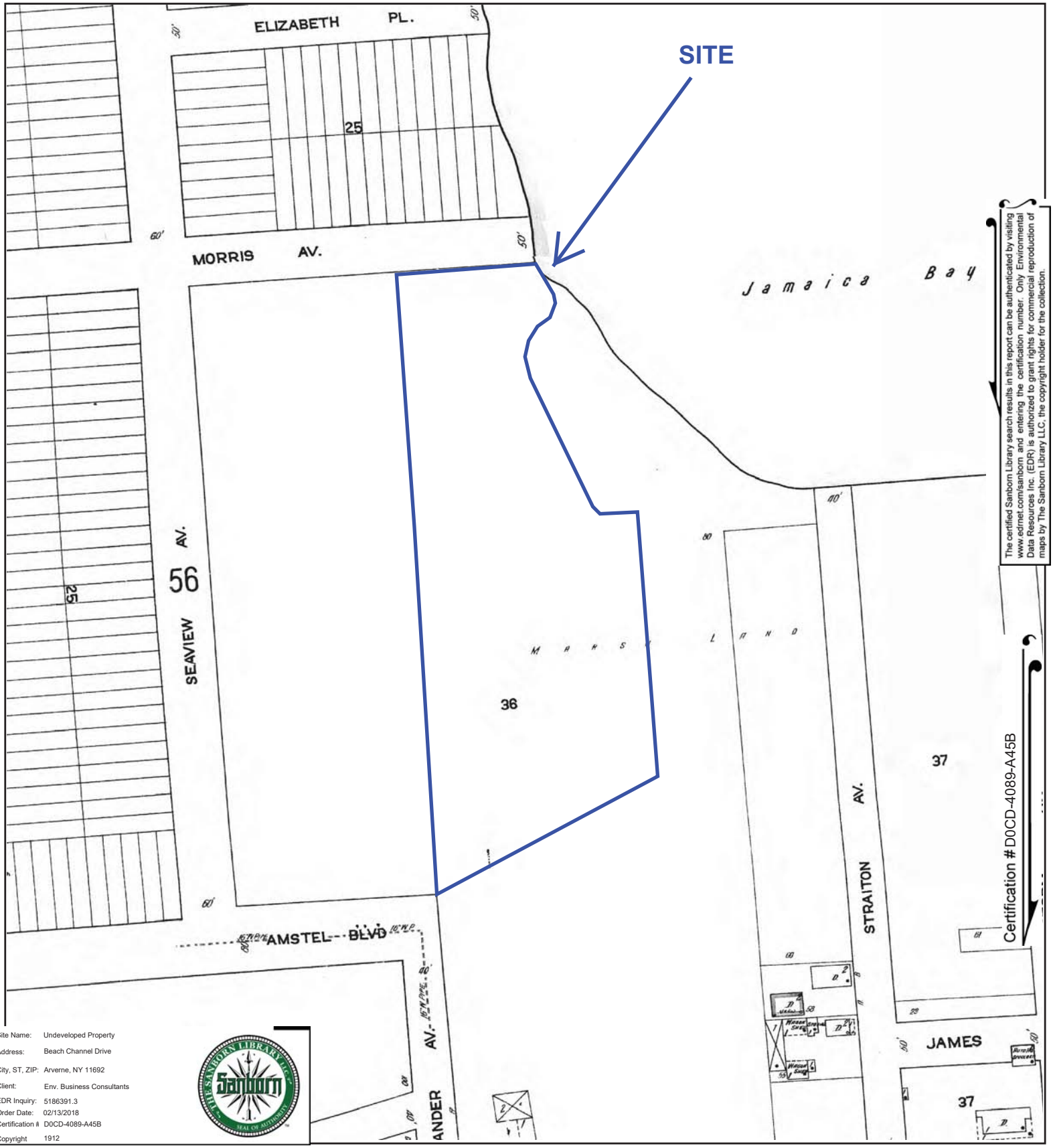

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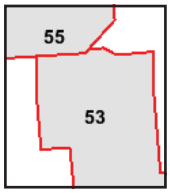

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0 Feet 150 300 600

N

CITY DIRECTORIES

1808 Middle Country Road
Ridge, NY 11961
Phone 631.924.0870
Fax 631.924.2870

Undeveloped Property
Beach Channel Drive
Arverne, NY 11692

Inquiry Number: 5186391.5
February 13, 2018

The EDR-City Directory Abstract

Environmental Data Resources Inc

6 Armstrong Road
Shelton, CT 06484
800.352.0050
www.edrnet.com

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SECTION

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Please contact EDR at 1-800-352-0050
with any questions or comments.

EXECUTIVE SUMMARY

DESCRIPTION

Environmental Data Resources, Inc.'s (EDR) City Directory Abstract is a screening tool designed to assist environmental professionals in evaluating potential liability on a target property resulting from past activities. EDR's City Directory Abstract includes a search and abstract of available city directory data. For each address, the directory lists the name of the corresponding occupant at five year intervals.

Business directories including city, cross reference and telephone directories were reviewed, if available, at approximately five year intervals for the years spanning 1922 through 2014. This report compiles information gathered in this review by geocoding the latitude and longitude of properties identified and gathering information about properties within 200 feet of the target property.

A summary of the information obtained is provided in the text of this report.

RECORD SOURCES

EDR's Digital Archive combines historical directory listings from sources such as Cole Information and Dun & Bradstreet. These standard sources of property information complement and enhance each other to provide a more comprehensive report.

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RESEARCH SUMMARY

The following research sources were consulted in the preparation of this report. An "X" indicates where information was identified in the source and provided in this report.

Year	Source	TP	Adjoining	Text Abstract	Source Image
2014	EDR Digital Archive	-	-	-	-
2010	EDR Digital Archive	-	-	-	-
2005	Hill-Donnelly Information Services	-	-	-	-
2000	Cole Information Services	-	-	-	-
1996	NYNEX	-	X	X	-
1991	NYNEX Information Resource Company	-	-	-	-
1983	New York Telephone	-	-	-	-
1976	New York Telephone	-	-	-	-
1970	New York Telephone	-	-	-	-
1967	New York Telephone	-	-	-	-
1962	New York Telephone Directory	-	-	-	-
1950	New York Telephone	-	-	-	-

EXECUTIVE SUMMARY

Year	Source	TP	Adjoining	Text Abstract	Source Image
1945	New York Telephone	-	-	-	-
1939	New York Telephone Company	-	-	-	-
1934	R. L. Polk & Co.	-	-	-	-
1922	H.C. Morris	-	-	-	-

FINDINGS

TARGET PROPERTY INFORMATION

ADDRESS

Beach Channel Drive
Arverne, NY 11692

FINDINGS DETAIL

Target Property research detail.

FINDINGS

ADJOINING PROPERTY DETAIL

The following Adjoining Property addresses were researched for this report. Detailed findings are provided for each address.

BEACH 62ND ST

461 BEACH 62ND ST

Year	*Uses*	*Source*
1996	AHENKORA Daniel M	NYNEX

FINDINGS

TARGET PROPERTY: ADDRESS NOT IDENTIFIED IN RESEARCH SOURCE

The following Target Property addresses were researched for this report, and the addresses were not identified in the research source.

Address Researched	Address Not Identified in Research Source
Beach Channel Drive	2014, 2010, 2005, 2000, 1996, 1991, 1983, 1976, 1970, 1967, 1962, 1950, 1945, 1939, 1934, 1922

ADJOINING PROPERTY: ADDRESSES NOT IDENTIFIED IN RESEARCH SOURCE

The following Adjoining Property addresses were researched for this report, and the addresses were not identified in research source.

Address Researched	Address Not Identified in Research Source
461 BEACH 62ND ST	2014, 2010, 2005, 2000, 1991, 1983, 1976, 1970, 1967, 1962, 1950, 1945, 1939, 1934, 1922

March 15, 2018

Moris Yeroshalmie
American Builders Company
45 North Station Plaza, Suite 315
Great Neck, NY11021

Re: Phase II Subsurface Investigation
Undeveloped Property
Beach Channel Drive and Beach 62nd Street, Arverne, New York

Dear Mr. Yeroshalmie:

Environmental Business Consultants (EBC) is pleased to provide this letter report documenting the results of the Phase II Environmental Site Assessment (ESA) performed at the above-referenced property on February 23, 2018 in accordance with EBC's proposal, dated February 8, 2018.

Background

The Site consists of five contiguous tax parcels, totaling 2.69-acres (117,094 square feet), and located on the east side of Beach 62nd Street between Beach Channel Drive to the south, and Thursby Avenue to the north, in the Arverne section of the Borough of Queens, City of New York, Queens County, New York (**Figure 1**). The Site identified as Borough 4, Block 16011, Lot Nos. 1, 32 and 35 and Block 16014, Lot Nos. 1 and 22 on the New York City Tax Maps.

The property is vacant/undeveloped and overgrown, with a portion of a modular building located at the southeastern portion of the site. Southern portions are paved with gravel/ground asphalt, associated with a former new vehicle storage lot. Remaining portions of the property are unpaved although most areas showed the presence of varying amounts of recycled concrete aggregate (RCA) at the surface. A concrete slab associated with the former site building, was also present at the northwestern corner of the site. Minor amounts of non-hazardous household trash and debris were also strewn across the property, with several vegetated soil/debris piles located on or immediately adjacent to the far eastern portions of the property. The site perimeters are enclosed with 6-foot tall chain link fencing, except for portions of the eastern boundary, which is bordered by NYC-owned land bordering Sommerville Basin. A lockable, double-wide access gate is present on the western side of the property, opposite a driveway entrance leading from Beach 62nd Street. An additional double-wide gate is further to the south along Beach 62nd, with no corresponding driveway entrance/curb cut and a single pedestrian access gate is to the south along Beach Channel Drive. Sidewalks also border the site to the south and west, along Beach Channel Drive and Beach 62nd Street, respectively.

EBC's Phase I Screening Report of the property, dated February 20, 2018, identified two potential environmental concern/Business Environmental Risks (BERs), and the report recommended additional investigation to determine if they presented a significant environmental risk to the site. The identified environmental concerns/BERs are summarized below:

- Historic Sanborn maps suggest that the Site was marshlands in 1912 and that far eastern portions of the Site may have been located within the footprint of Sommerville Basin. As such, there is a potential presence for fill materials to be present beneath the Site. Since no

information regarding the nature or source of the fill materials was available for review, there is a potential for the fill materials to be contaminated and/or structurally unsuitable.

- The site (Block 16014, Lot No.1) was listed on the E-Designation database as having a E-Hazmat and E-Air restrictions (E-215), which was determined during the Rockaway Neighborhood Rezoning completed by the City in August 2008 (CEQR 08DCP065Q). The Hazardous Materials designation indicates that there is a potential for soil and groundwater beneath the Site to be impacted by historic operations at the Site or adjacent properties. The Air E-Designation requires any new residential or commercial structures to have HVAC stacks located 62 (No. 2 fuel oil) or 82 (No. 4 fuel oil) from the lot line facing Beach 59th Street or use natural gas for space heating and hot water (HVAC) systems. The Hazmat and Noise E-designations require the issuance of a Notice to Proceed by the NYC Office of Environmental Remediation (OER) before the property can be redeveloped.

Soil Boring Investigation

To evaluate soils conditions at the site and determine if the filling of historic marshland areas have impacted the, EBC conducted a subsurface investigation consisting of ten (10) soil borings (SB1 through SB10) at representative locations across the site, including the former site buildings (northwest), vehicle storage areas (south) and proximate to soil piles observed during the Phase I Screening inspection. Soil boring locations are shown on Figure 2.

The soil borings were drilled using a track-mounted Geoprobe™ Model 6610 direct push unit. The Geoprobe™ uses direct push technology to drive core samplers to the desired depth for soil sample collection. This method can be performed quickly, so if refusal occurs, a new location can be accessed with minimal effort. Prior to conducting the investigation, EBC requested public utility markouts.

At each boring location, soil samples were collected continuously to depths of up to five (5) feet below grade (refusal) or the water table using a Geoprobe™ macrocore sampler fitted with a disposable plastic liner. Soil samples were characterized by an EBC geologist and inspected for visual and olfactory evidence of contamination (i.e. staining and/or odors). In addition, the soil samples were field screened for the presence of volatile organic compounds using a photoionization detector (PID). Non-disposable sampling equipment was cleaned using a potable water and Alconox detergent wash followed by a potable water rinse prior to the collection of each sample. Upon collection, the samples were placed in pre-cleaned laboratory supplied glassware and stored in a cooler packed with ice for transport to the laboratory.

The soils generally consisted of several inches to two feet of fill material, primarily gravel, concrete, asphalt and wood fragments, underlain by brown or gray silty sand to depth of four to six feet below grade. Below the sand was an organic clay layer with some sand and root fragments/marine vegetation. Groundwater was encountered at approximately six feet below grade in each boring. Soils did not exhibit evidence of petroleum staining and/or odors, although slightly elevated PID readings were recorded for the surface samples collected from borings SB-1 and SB7. These readings are attributable to fill materials. A slighted elevated reading was also recorded for the 4 to 6 foot sample from boring SB7, which is attributable to decaying marine vegetation. Soil boring logs are included as Attachment A.

1808 Middle Country Road
Ridge, NY 11961
Phone 631.504.6000
Fax 631.924.2870

As part of the field activities, one soil sample per boring, the sample exhibiting the highest degree of impact (visual/olfactory indicators or field equipment response) or the deepest interval above the water table, was submitted to Phoenix Environmental Laboratories of Manchester, CT, a New York-certified laboratory (ID. No. 11301) for analysis. Soil samples were analyzed for volatile organic compounds (VOCs) using United States Environmental Protection Agency (USEPA) Method 8260, semi-volatile organic compounds (SVOCs) using USEPA Method 8270, pesticides using USEPA Method 8081, polychlorinated biphenyls (PCBs) using USEPA Method 8082, and metals using USEPA Methods 6010 and 7471. These methods are consistent with those required by the NYC Office of Environmental Remediation (OER) for the evaluation of E-Designated properties.

Groundwater Sampling

Following the completion of five soil borings SB4, SB5, SB6, SB8 and SB9, the borings were extended below the water table to facilitate the collection of groundwater samples (GW1 through GW-5). Groundwater sample locations are shown on Figure 2. Groundwater samples were collected using the Geoprobe™ equipped with a four-foot long mill slot sampler. The sampler was first driven to the desired depth (approximately three feet below the water table). This allows the sampler screen to intersect the water table and allow floating product or petroleum sheens (if present) to be documented. A piece of disposable polyethylene tubing was then inserted through the probe rods into the water bearing zone with the surface end of the tubing connected a peristaltic pump. Prior to sampling, the tubing was purged to reduce sample turbidity and ensure the collection of a representative sample. Once purging was completed, the flow rate of the pump was reduced and the groundwater samples were collected directly into pre-cleaned, pre-preserved laboratory-supplied glassware, and placed in a cooler packed with ice for transport to the laboratory. The well at boring SB-3 did not yield enough water for the collection of a sample. The groundwater samples were analyzed for VOCs by USEPA Method 8260.

Laboratory Analytical Results

Soil analytical results were compared to the NYSDEC's Division of Environmental Remediation 6 NYCRR Part 375 Soil Cleanup Objective tables (Table 375-8.8[a]: Unrestricted Use Soil Cleanup Objectives [UUSCOs]) (Tables 1 through 4) to determine if additional investigation and/or remediation is warranted.

The soil analytical results revealed that the VOC acetone was detected in three of the 10 soil samples (SB7, SB8 and SB9) at concentrations between 66 and 120 micrograms per kilogram [ug/kg], which are above the UUSCO of 50 ug/kg, but well below the Restricted Residential Use Soil Cleanup Objective (RRUSCO) of 100,000 ug/kg. Acetone was also detected in five additional samples, but at concentrations (maximum 33 ug/kg) below the UUSCO. It should be noted that acetone is a common laboratory contaminant. The VOC benzene, was also detected in the sample from boring SB7 at a concentration of 86 ug/kg, which slightly exceeds its UUSCO of 60 ug/kg. Benzene was also detected in five additional samples, but at concentrations (maximum 4.7 ug/kg) below the UUSCO. Seven additional VOCs (carbon disulfide, methyl ethyl ketone, naphthalene, p-isopropyltoluene, tetrachloroethene [PCE], tetrahydrofuran, and toluene) were also detected in one or more of the ten soil samples, but at concentrations below their respective UUSCOs. No additional VOCs were detected in samples SB1 through SB6, nor were any VOCs detected in sample SB7 at concentrations above their respective laboratory method detection limits (MDLs).

The SVOCs indeno[1,2,3-cd]pyrene was detected in samples collected from four of the ten borings at concentrations (540 ug/kg to 1,100 ug/kg) exceeding both the UUSCO and RRUSCO of 500 ug/kg.

indeno[1,2,3-cd]pyrene was also detected in the six remaining soil samples, but at concentrations below the UUSCO. Benzo[a]anthracene, benzo[a]pyrene, and benzo[b]fluoroanthene were also detected in one to three samples at concentrations (1,000 ug/kg to 1,500 ug/kg) equal to or exceeding both their UUSCOs and RRUSCOs of 1,000 ug/kg, each. In addition, two other SVOCs (benzo[k]fluoroanthene and chrysene) were detected in one or more soil samples at concentrations exceeding their respective UUSCOs, but below their RRUSCOs. Twelve additional SVOCs were also detected in one or more of the soil samples, but at concentrations below their respective UUSCOs.

Four pesticides (4,4-DDD, 4,4-DDE, 4,4-DDT and dieldrin) were detected in one or more of the soil samples collected from borings SB3, SB4, SB6 and SB10, at concentrations exceeding their respective UUSCOs, but below the RRUSCOs. 4,4,4-DDT was also detected in sample SB5, a-Chlordane was detected in samples SB3 and SB5, and g-Chlordane was detected in samples SB3 and SB5, but at concentrations below their respective USUCOs. No pesticides were detected in the samples from borings SB1, SB2, Sb7, SB8 or SB9, at concentrations above their respective laboratory method detection limits (MDLs).

The PCB Aroclor-1254 was detected in the sample from boring SB10 at a concentration (100 ug/kg) slightly exceeding its UUSCO of 100ug/kg, but below the RRUSCO of 1,000 ug/kg. No PCBs were detected in the nine remaining samples at concentrations exceeding their respective laboratory MDLs.

Five metals (arsenic, barium, cadmium, copper and lead) were detected in one or all of the soil samples collected from borings SB1, SB4 and SB-6) at concentrations exceeding both their UUSCOs and RRUSCOs. Copper and lead, plus four other metals (mercury, nickel, silver and zinc) were also detected in one or more of the ten soil samples at concentrations exceeding their respective UUSCOs, but below their RRUSCOs. Each of these metals, except for lead, as well as 12 additional metals were detected in one or more samples, but at concentrations below their respective UUSCOs.

Groundwater analytical results were compared to the NYSDEC's Class GA Groundwater Standards specified in the NYSDEC's Technical and Operational Guidance Series (TOGS) 1.1.1 Ambient Water Quality Standards and Guidance Values and Groundwater Effluent Limitations (Table 5).

Groundwater analytical results indicate that six VOCs (acetone, benzene, carbon disulfide ethyl benzene, methyl-tert butyl ether (MTBE) and toluene) were detected in one or more of the five groundwater samples, but at concentrations below their respective NYSDEC Class GA Groundwater Standards.

Laboratory analytical results are summarized on Tables 1 through 5, and the laboratory reports are provided as Attachment B.

Conclusions and Recommendations

Soil borings drilled at the site indicate that limited quantities of fill material are present in shallow soils, ranging from several inches to two feet across the site, including southern borings that were historically paved with ground asphalt/gravel. Soil analytical results indicate the presence of several VOCs at low concentrations, with only benzene (one sample) and acetone, a common laboratory contaminant detected above their respective UUSCOs.

One or more of the SVOCs (indeno[1,2,3-cd]pyrene, benzo[a]anthracene, benzo[a]pyrene, and benzo[b]fluoroanthene) and metals (arsenic, barium, cadmium, copper and lead) were detected at concentrations exceeding their respective UUSCOs and RRUSCOs in four (SVOCs) and three (metals)

soil samples collected across the site. These compounds, as well as two additional SVOCs and four additional metals were also detected in one or more of the soil samples at concentrations exceeding their respective UUSCOs. Four pesticides and one PCB compound were also identified in one or more samples at concentrations exceeding their respective UUSCOs.

While, the detected SVOCs are consistent with common fuel (diesel fuel, fuel oil, etc.) components, their concentrations are not significant enough to indicate a petroleum release. However, their sporadic occurrence combined with the metals and other compounds is consistent with typical urban fill materials. It should also me noted that the majority of the regulatory exceedances identified in the soil samples were originated from borings SB1, SB4 and SB6. Boring SB1 represents the northwestern corner of the site in the vicinity of the former building, with borings SB4 and SB6 located at the northeastern portions near the soil piles/mounds and nearest to Summerville Basin and historic wetland areas. The presence of impacted soil/fill materials is unlikely to warrant additional investigation and/or remediation. However, should redevelopment or other excavation activities be conducted that disturb site soils/fill material, then the excavated materials should be handled and disposed of offsite in accordance with applicable environmental regulations.

Groundwater analytical results revealed the presence of several VOCs, consistent with gasoline constituents, but at concentrations below applicable regulatory criteria. Although groundwater samples were not analyzed for other parameters, there does not appear to be any significant impacts attributable to onsite fill materials or the offsite migration of contaminants. Further, there are no apparent vapor intrusion concerns that would affect future development activities. Although, soil vapor sampling would likely be required by the NYCOER as part of any proposed redevelopment project to satisfy the requirements of the E-Designation program.

Very truly yours,
Environmental Business Consultants

Keith W. Butler
Senior Project Manager

FIGURES

FIGURE 1 – SITE LOCATION MAP

EBC
Phone 631.504.6000
Fax 631.924.2870
Environmental Business Consultants

SITE NAME: Undeveloped Property
STREET ADDRESS: Beach Channel Drive and Beach 62nd Street
MUNICIPALITY, STATE, ZIP: Arverne, NY 11692

Source: USGS

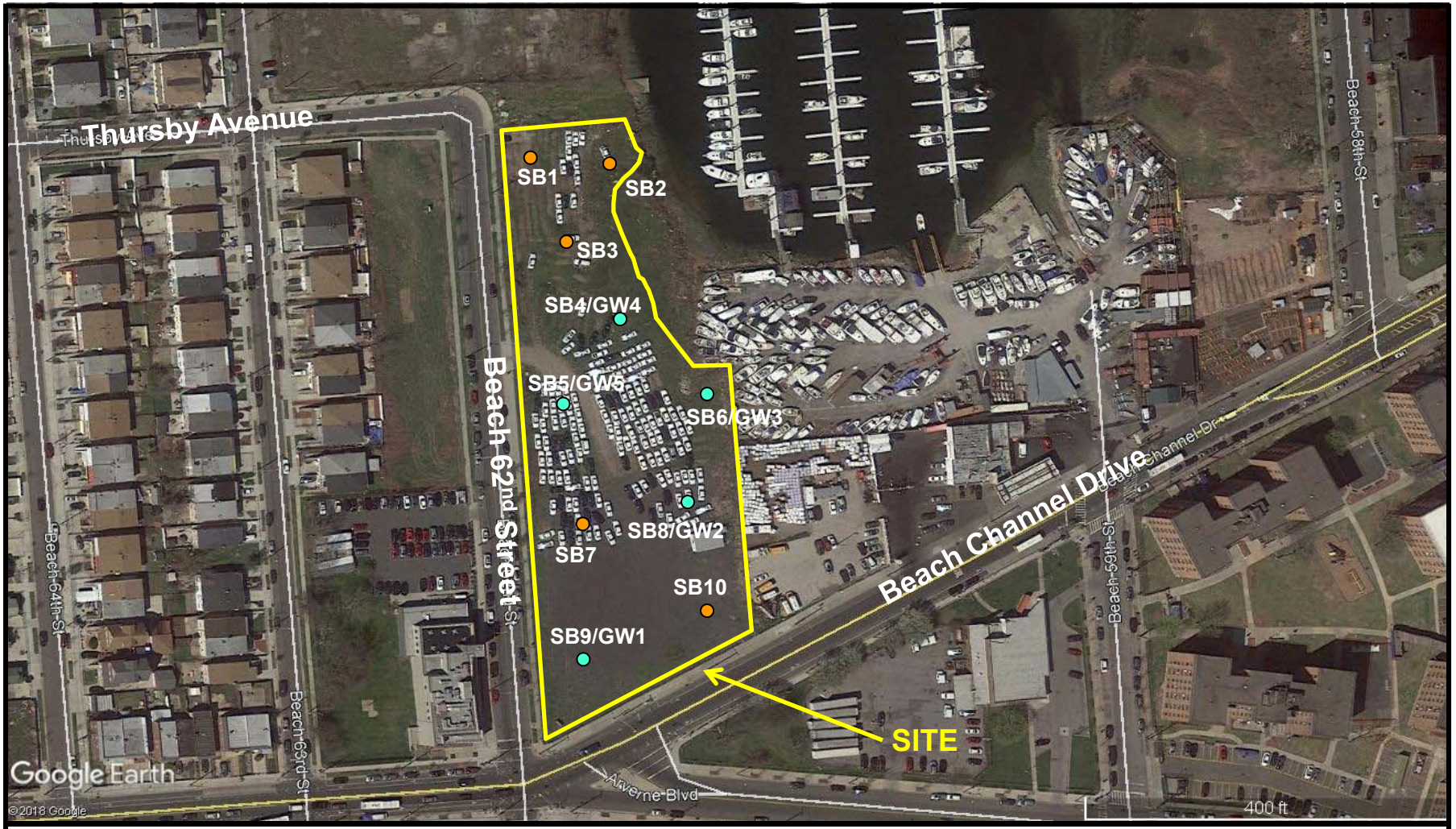

FIGURE 2 - SOIL BORING AND GROUNDWATER SAMPLE LOCATION MAP

N

SITE NAME: Commercial Property
STREET ADDRESS: 542 Atlantic Avenue
MUNICIPALITY, STATE, ZIP: Brooklyn, NY 11217

Source: Google Earth – April 2016

EBC
Environmental Business Consultants
Phone 631.504.6000
Fax 631.924.2870

TABLES

TABLE 1
Beach 62nd Street,
Queens, New York
Soil Analytical Results
Volatile Organic Compounds

COMPOUND	NYSDEC Part 375.6 Unrestricted Use Soil Cleanup Objectives*	NYDEC Part 375.6 Restricted Residential Soil Cleanup Objectives*	SB1		SB2		SB3		SB4		SB5		SB6		SB7		SB8		SB9		SB10	
			6' 2/23/2018 µg/Kg		6' 2/23/2018 µg/Kg		6' 2/23/2018 µg/Kg		6' 2/23/2018 µg/Kg		6' 2/23/2018 µg/Kg		6' 2/23/2018 µg/Kg		6' 2/23/2018 µg/Kg		6' 2/23/2018 µg/Kg		6' 2/23/2018 µg/Kg		6' 2/23/2018 µg/Kg	
			Result	RL	Result	RL	Result	RL	Result	RL	Result	RL	Result	RL	Result	RL	Result	RL	Result	RL	Result	RL
1,1,1,2-Tetrachlorothane			< 23	23	< 23	23	< 23	23	< 22	22	< 25	25	< 25	25	< 22	22	< 6.3	6.3	< 25	25	< 24	24
1,1,1-Trichloroethane	680	100,000	< 5.9	5.9	< 5.8	5.8	< 5.7	5.7	< 5.5	5.5	< 6.2	6.2	< 6.3	6.3	< 5.5	5.5	< 6.3	6.3	< 6.2	6.2	< 6.0	6.0
1,1,2,2-Tetrachloroethane			< 5.9	5.9	< 5.8	5.8	< 5.7	5.7	< 5.5	5.5	< 6.2	6.2	< 6.3	6.3	< 310	310	< 6.3	6.3	< 6.2	6.2	< 350	350
1,1,2-Trichloroethane			< 5.9	5.9	< 5.8	5.8	< 5.7	5.7	< 5.5	5.5	< 6.2	6.2	< 6.3	6.3	< 5.5	5.5	< 6.3	6.3	< 6.2	6.2	< 6.0	6.0
1,1-Dichloroethane	270	26,000	< 5.9	5.9	< 5.8	5.8	< 5.7	5.7	< 5.5	5.5	< 6.2	6.2	< 6.3	6.3	< 5.5	5.5	< 6.3	6.3	< 6.2	6.2	< 6.0	6.0
1,1-Dichloroethene	330	100,000	< 5.9	5.9	< 5.8	5.8	< 5.7	5.7	< 5.5	5.5	< 6.2	6.2	< 6.3	6.3	< 5.5	5.5	< 6.3	6.3	< 6.2	6.2	< 6.0	6.0
1,1-Dichloropropene			< 5.9	5.9	< 5.8	5.8	< 5.7	5.7	< 5.5	5.5	< 6.2	6.2	< 6.3	6.3	< 5.5	5.5	< 6.3	6.3	< 6.2	6.2	< 6.0	6.0
1,2,3-Trichlorobenzene			< 5.9	5.9	< 5.8	5.8	< 5.7	5.7	< 5.5	5.5	< 6.2	6.2	< 6.3	6.3	< 310	310	< 6.3	6.3	< 6.2	6.2	< 350	350
1,2,3-Trichloropropane			< 5.9	5.9	< 5.8	5.8	< 5.7	5.7	< 5.5	5.5	< 6.2	6.2	< 6.3	6.3	< 310	310	< 6.3	6.3	< 6.2	6.2	< 350	350
1,2,4-Trichlorobenzene			< 5.9	5.9	< 5.8	5.8	< 5.7	5.7	< 5.5	5.5	< 6.2	6.2	< 6.3	6.3	< 310	310	< 6.3	6.3	< 6.2	6.2	< 350	350
1,2,4-Trimethylbenzene	3,600	52,000	< 5.9	5.9	< 5.8	5.8	< 5.7	5.7	< 5.5	5.5	< 6.2	6.2	< 6.3	6.3	< 310	310	< 6.3	6.3	< 6.2	6.2	< 350	350
1,2-Dibromo-3-chloropropane			< 5.9	5.9	< 5.8	5.8	< 5.7	5.7	< 5.5	5.5	< 6.2	6.2	< 6.3	6.3	< 310	310	< 6.3	6.3	< 6.2	6.2	< 350	350
1,2-Dibromomethane			< 5.9	5.9	< 5.8	5.8	< 5.7	5.7	< 5.5	5.5	< 6.2	6.2	< 6.3	6.3	< 5.5	5.5	< 6.3	6.3	< 6.2	6.2	< 6.0	6.0
1,2-Dichlorobenzene	1,100	100,000	< 5.9	5.9	< 5.8	5.8	< 5.7	5.7	< 5.5	5.5	< 6.2	6.2	< 6.3	6.3	< 310	310	< 6.3	6.3	< 6.2	6.2	< 350	350
1,2-Dichloroethane	20	3,100	< 5.9	5.9	< 5.8	5.8	< 5.7	5.7	< 5.5	5.5	< 6.2	6.2	< 6.3	6.3	< 5.5	5.5	< 6.3	6.3	< 6.2	6.2	< 6.0	6.0
1,2-Dichloropropane			< 5.9	5.9	< 5.8	5.8	< 5.7	5.7	< 5.5	5.5	< 6.2	6.2	< 6.3	6.3	< 5.5	5.5	< 6.3	6.3	< 6.2	6.2	< 6.0	6.0
1,3,5-Trimethylbenzene	8,400	52,000	< 5.9	5.9	< 5.8	5.8	< 5.7	5.7	< 5.5	5.5	< 6.2	6.2	< 6.3	6.3	< 310	310	< 6.3	6.3	< 6.2	6.2	< 350	350
1,3-Dichlorobenzene	2,400	4,900	< 5.9	5.9	< 5.8	5.8	< 5.7	5.7	< 5.5	5.5	< 6.2	6.2	< 6.3	6.3	< 310	310	< 6.3	6.3	< 6.2	6.2	< 350	350
1,3-Dichloropropane			< 5.9	5.9	< 5.8	5.8	< 5.7	5.7	< 5.5	5.5	< 6.2	6.2	< 6.3	6.3	< 5.5	5.5	< 6.3	6.3	< 6.2	6.2	< 6.0	6.0
1,4-Dichlorobenzene	1,800	13,000	< 5.9	5.9	< 5.8	5.8	< 5.7	5.7	< 5.5	5.5	< 6.2	6.2	< 6.3	6.3	< 310	310	< 6.3	6.3	< 6.2	6.2	< 350	350
2,2-Dichloropropane			< 5.9	5.9	< 5.8	5.8	< 5.7	5.7	< 5.5	5.5	< 6.2	6.2	< 6.3	6.3	< 5.5	5.5	< 6.3	6.3	< 6.2	6.2	< 6.0	6.0
2-Chlorotoluene			< 5.9	5.9	< 5.8	5.8	< 5.7	5.7	< 5.5	5.5	< 6.2	6.2	< 6.3	6.3	< 310	310	< 6.3	6.3	< 6.2	6.2	< 350	350
2-Hexanone (Methyl Butyl Ketone)			< 29	29	< 29	29	< 28	28	< 28	28	< 31	31	< 32	32	< 27	27	< 32	32	< 31	31	< 30	30
2-Isopropyltoluene			< 5.9	5.9	< 5.8	5.8	< 5.7	5.7	< 5.5	5.5	< 6.2	6.2	< 6.3	6.3	< 310	310	< 6.3	6.3	< 6.2	6.2	< 350	350
4-Chlorotoluene			< 5.9	5.9	< 5.8	5.8	< 5.7	5.7	< 5.5	5.5	< 6.2	6.2	< 6.3	6.3	< 310	310	< 6.3	6.3	< 6.2	6.2	< 350	350
4-Methyl-2-Pentanone			< 29	29	< 29	29	< 28	28	< 28	28	< 31	31	< 32	32	< 27	27	< 32	32	< 31	31	< 30	30
Acetone	50	100,000	**10**	29	**27**	29	**14**	28	**33**	28	< 31	31	**11**	32	**120**	27	**99**	32	**66**	31	< 30	30
Acrolein			< 5.9	5.9	< 5.8	5.8	< 5.7	5.7	< 5.5	5.5	< 6.2	6.2	< 6.3	6.3	< 5.5	5.5	< 6.3	6.3	< 6.2	6.2	< 6.0	6.0
Acrylonitrile			< 23	23	< 23	23	< 23	23	< 22	22	< 25	25	< 25	25	< 22	22	< 13	13	< 25	25	< 24	24
Benzene	60	4,800	< 5.9	5.9	**0.73**	5.8	< 5.7	5.7	**1.1**	5.5	**0.72**	6.2	< 6.3	6.3	**86**	310	**4.7**	6.3	< 6.2	6.2	**2.8**	6.0
Bromobenzene			< 5.9	5.9	< 5.8	5.8	< 5.7	5.7	< 5.5	5.5	< 6.2	6.2	< 6.3	6.3	< 310	310	< 6.3	6.3	< 6.2	6.2	< 350	350
Bromochloromethane			< 5.9	5.9	< 5.8	5.8	< 5.7	5.7	< 5.5	5.5	< 6.2	6.2	< 6.3	6.3	< 5.5	5.5	< 6.3	6.3	< 6.2	6.2	< 6.0	6.0
Bromodichloromethane			< 5.9	5.9	< 5.8	5.8	< 5.7	5.7	< 5.5	5.5	< 6.2	6.2	< 6.3	6.3	< 5.5	5.5	< 6.3	6.3	< 6.2	6.2	< 6.0	6.0
Bromoform			< 5.9	5.9	< 5.8	5.8	< 5.7	5.7	< 5.5	5.5	< 6.2	6.2	< 6.3	6.3	< 5.5	5.5	< 6.3	6.3	< 6.2	6.2	< 6.0	6.0
Bromomethane			< 5.9	5.9	< 5.8	5.8	< 5.7	5.7	< 5.5	5.5	< 6.2	6.2	< 6.3	6.3	< 5.5	5.5	< 6.3	6.3	< 6.2	6.2	< 6.0	6.0
Carbon Disulfide			< 5.9	5.9	< 5.8	5.8	< 5.7	5.7	< 5.5	5.5	< 6.2	6.2	< 6.3	6.3	**4.1**	5.5	**4.9**	6.3	< 6.2	6.2	< 6.0	6.0
Carbon tetrachloride	760	2,400	< 5.9	5.9	< 5.8	5.8	< 5.7	5.7	< 5.5	5.5	< 6.2	6.2	< 6.3	6.3	< 5.5	5.5	< 6.3	6.3	< 6.2	6.2	< 6.0	6.0
Chlorobenzene	1,100	100,000	< 5.9	5.9	< 5.8	5.8	< 5.7	5.7	< 5.5	5.5	< 6.2	6.2	< 6.3	6.3	< 5.5	5.5	< 6.3	6.3	< 6.2	6.2	< 6.0	6.0
Chloroethane			< 5.9	5.9	< 5.8	5.8	< 5.7	5.7	< 5.5	5.5	< 6.2	6.2	< 6.3	6.3	< 5.5	5.5	< 6.3	6.3	< 6.2	6.2	< 6.0	6.0
Chloroform	370	49,000	< 5.9	5.9	< 5.8	5.8	< 5.7	5.7	< 5.5	5.5	< 6.2	6.2	< 6.3	6.3	< 5.5	5.5	< 6.3	6.3	< 6.2	6.2	< 6.0	6.0
Chloromethane			< 5.9	5.9	< 5.8	5.8	< 5.7	5.7	< 5.5	5.5	< 6.2	6.2	< 6.3	6.3	< 5.5	5.5	< 6.3	6.3	< 6.2	6.2	< 6.0	6.0
cis-1,2-Dichloroethene	250	100,000	< 5.9	5.9	< 5.8	5.8	< 5.7	5.7	< 5.5	5.5	< 6.2	6.2	< 6.3	6.3	< 5.5	5.5	< 6.3	6.3	< 6.2	6.2	< 6.0	6.0
cis-1,3-Dichloropropene			< 5.9	5.9	< 5.8	5.8	< 5.7	5.7	< 5.5	5.5	< 6.2	6.2	< 6.3	6.3	< 5.5	5.5	< 6.3	6.3	< 6.2	6.2	< 6.0	6.0
Dibromochloromethane			< 5.9	5.9	< 5.8	5.8	< 5.7	5.7	< 5.5	5.5	< 6.2	6.2	< 6.3	6.3	< 5.5	5.5	< 6.3	6.3	< 6.2	6.2	< 6.0	6.0
Dibromomethane			< 5.9	5.9	< 5.8	5.8	< 5.7	5.7	< 5.5	5.5	< 6.2	6.2	< 6.3	6.3	< 5.5	5.5	< 6.3	6.3	< 6.2	6.2	< 6.0	6.0
Dichlorodifluoromethane			< 5.9	5.9	< 5.8	5.8	< 5.7	5.7	< 5.5	5.5	< 6.2	6.2	< 6.3	6.3	< 5.5	5.5	< 6.3	6.3	< 6.2	6.2	< 6.0	6.0
Ethylbenzene	1,000	41,000	< 5.9	5.9	< 5.8	5.8	< 5.7	5.7	< 5.5	5.5	< 6.2	6.2	< 6.3	6.3	< 5.5	5.5	< 6.3	6.3	< 6.2	6.2	< 6.0	6.0
Hexachlorobutadiene			< 5.9	5.9	< 5.8	5.8	< 5.7	5.7	< 5.5	5.5	< 6.2	6.2	< 6.3	6.3	< 310	310	< 6.3	6.3	< 6.2	6.2	< 350	350
Isopropylbenzene			< 5.9	5.9	< 5.8	5.8	< 5.7	5.7	< 5.5	5.5	< 6.2	6.2	< 6.3	6.3	< 310	310	< 6.3	6.3	< 6.2	6.2	< 350	350
m&p-Xylenes	260	100,000	< 5.9	5.9	< 5.8	5.8	< 5.7	5.7	< 5.5	5.5	< 6.2	6.2	< 6.3	6.3	< 5.5	5.5	< 6.3	6.3	< 6.2	6.2	< 6.0	6.0
Methyl Ethyl Ketone (2-Butanone)	120	100,000	< 35	35	< 35	35	< 34	34	**6.1**	33	< 37	37	< 38	38	**22**	33	**21**	38	**11**	37	< 36	36
Methyl t-butyl ether (MTBE)	930	100,000	< 12	12	< 12	12	< 11	11	< 11	11	< 12	12	< 13	13	< 11	11	< 13	13	< 12	12	< 12	12
Methylene chloride	50	100,000	< 5.9	5.9	< 5.8	5.8	< 5.7	5.7	< 5.5	5.5	< 6.2	6.2	< 6.3	6.3	< 5.5	5.5	< 6.3	6.3	< 6.2	6.2	< 6.0	6.0
Naphthalene	12,000	100,000	< 5.9	5.9	< 5.8	5.8	**1.7**	5.7	< 5.5	5.5	< 6.2	6.2	< 6.3	6.3	< 310	310	< 6.3	6.3	< 6.2	6.2	< 350	350
n-Butylbenzene	12,000	100,000	< 5.9	5.9	< 5.8	5.8	< 5.7	5.7	< 5.5	5.5	< 6.2	6.2	< 6.3	6.3	< 310	310	< 6.3	6.3	< 6.2	6.2	< 350	350
n-Propylbenzene	3,900	100,000	< 5.9	5.9	< 5.8	5.8	< 5.7	5.7	< 5.5	5.5	< 6.2	6.2	< 6.3	6.3	< 310	310	< 6.3	6.3	< 6.2	6.2	< 350	350
o-Xylene	260	100,000	< 5.9	5.9	< 5.8	5.8	< 5.7	5.7	< 5.5	5.5	< 6.2	6.2	< 6.3	6.3	< 5.5	5.5	< 6.3	6.3	< 6.2	6.2	< 6.0	6.0
p-Isopropyltoluene			< 5.9	5.9	< 5.8	5.8	< 5.7	5.7	< 5.5	5.5	< 6.2	6.2	< 6.3	6.3	**640**	310	< 6.3	6.3	< 6.2	6.2	< 350	350
sec-Butylbenzene	11,000	100,000	< 5.9	5.9	< 5.8	5.8	< 5.7	5.7	< 5.5	5.5	< 6.2	6.2	< 6.3	6.3	< 310	310	< 6.3	6.3	< 6.2	6.2	< 350	350
Styrene			< 5.9	5.9	< 5.8	5.8	< 5.7	5.7	< 5.5	5.5	< 6.2	6.2	< 6.3	6.3	< 5.5	5.5	< 6.3	6.3	< 6.2	6.2	< 6.0	6.0
Tert-butyl alcohol			< 120	120	< 120	120	< 110	110	< 110	110	< 120	120	< 130	130	< 110	110	< 130	130	< 120	120	< 120	120
tert-Butylbenzene	5,900	100,000	< 5.9	5.9	< 5.8	5.8	< 5.7	5.7	< 5.5	5.5	< 6.2	6.2	< 6.3	6.3	< 310	310	< 6.3	6.3	< 6.2	6.2	< 350	350
Tetrachloroethene	1,300	19,000	**1.4**	5.9	< 5.8	5.8	< 5.7	5.7	< 5.5	5.5	< 6.2	6.2	< 6.3	6.3	< 5.5	5.5	< 6.3	6.3	< 6.2	6.2	< 6.0	6.0
Tetrahydrofuran (THF)			**6.4**	12	**7**	12	**5.9**	11	**5.1**	11	**3.7**	12	**4.8**	13	**8.1**	11	**6.4**	13	**7.1**	12	**6.1**	12
Toluene	700	100,000	< 5.9	5.9	**0.6**	5.8	< 5.7	5.7	**0.59**	5.5	< 6.2	6.2	< 6.3	6.3	**39**	310	**1.6**	6.3	< 6.2	6.2	**0.99**	6.0
trans-1,2-Dichloroethene	190	100,000	< 5.9	5.9	< 5.8	5.8	< 5.7	5.7	< 5.5	5.5	< 6.2	6.2	< 6.3	6.3	< 5.5	5.5	< 6.3	6.3	< 6.2	6.2	< 6.0	6.0
trans-1,3-Dichloropropene			< 5.9	5.9	< 5.8	5.8	< 5.7	5.7	< 5.5	5.5	< 6.2	6.2	< 6.3	6.3	< 5.5	5.5	< 6.3	6.3	< 6.2	6.2	< 6.0	6.0
trabs-1,4-dichloro-2-butene			< 12	12	< 12	12	< 11	11	< 11	11	< 12	12	< 13	13	< 620	620	< 13	13	< 12	12	< 700	700
Trichloroethene	470	21,000	< 5.9	5.9	< 5.8	5.8	< 5.7	5.7	< 5.5	5.5	< 6.2	6.2	< 6.3	6.3	< 5.5	5.5	< 6.3	6.3	< 6.2	6.2	< 6.0	6.0
Trichlorofluoromethane			< 5.9	5.9	< 5.8	5.8	< 5.7	5.7	< 5.5	5.5	< 6.2	6.2	< 6.3	6.3	< 5.5	5.5	< 6.3	6.3	< 6.2	6.2	< 6.0	6.0
Trichlorotrifluoroethane			< 5.9	5.9	< 5.8	5.8	< 5.7	5.7	< 5.5	5.5	< 6.2	6.2	< 6.3	6.3	< 5.5	5.5	< 6.3	6.3	< 6.2	6.2	< 6.0	6.0
Vinyl Chloride	20	900	< 5.9	5.9	< 5.8	5.8	< 5.7	5.7	< 5.5	5.5	< 6.2	6.2	< 6.3	6.3	< 5.5	5.5	< 6.3	6.3	< 6.2	6.2	< 6.0	6.0
1,4-dioxane			< 88	88	< 86	86	< 85	85	< 83	83	< 94	94	< 95	95	< 82	82	< 95	95	< 92	92	< 89	89
Total BTEX Concentration			**0**		**1.33**		**0**		**1.69**		**0.72**		**0**		**125**		**6.3**		**0**		**3.79**	
Total VOCs Concentration			**17.8**		**35.33**		**21.6**		**45.89**		**4.42**		**15.8**		**919.2**		**137.6**		**84.1**		**9.89**	

Notes:

* - 6 NYCRR Part 375-6 Remedial Program Soil Cleanup Objectives

RL - Reporting Limit

Bold/highlighted- Indicated exceedance of the NYSDEC UUSCO Guidance Value

Bold/highlighted- Indicated exceedance of the NYSDEC RRSCO Guidance Value

TABLE 2
Beach 62nd Street,
Queens, New York
Soil Analytical Results
Semi-Volatile Organic Compounds

COMPOUND	NYSDEC Part 375.6 Unrestricted Use Soil Cleanup Objectives*	NYDEC Part 375.6 Restricted Residential Soil Cleanup Objectives*	SB1		SB2		SB3		SB4		SB5		SB6		SB7		SB8		SB9		SB10	
			6' 2/23/2018 µg/Kg		6' 2/23/2018 µg/Kg		6' 2/23/2018 µg/Kg		6' 2/23/2018 µg/Kg		6' 2/23/2018 µg/Kg		6' 2/23/2018 µg/Kg		6' 2/23/2018 µg/Kg		6' 2/23/2018 µg/Kg		6' 2/23/2018 µg/Kg		6' 2/23/2018 µg/Kg	
			Result	RL	Result	RL	Result	RL	Result	RL	Result	RL	Result	RL	Result	RL	Result	RL	Result	RL	Result	RL
1,2,4,5-Tetrachlorobenzene			< 270	270	< 250	250	< 260	260	< 270	270	< 260	260	< 270	270	< 260	260	< 250	250	< 280	280	< 250	250
1,2,4-Trichlorobenzene			< 270	270	< 250	250	< 260	260	< 270	270	< 260	260	< 270	270	< 260	260	< 250	250	< 280	280	< 250	250
1,2-Dichlorobenzene			< 270	270	< 250	250	< 260	260	< 270	270	< 260	260	< 270	270	< 260	260	< 250	250	< 280	280	< 250	250
1,2-Diphenylhydrazine			< 270	270	< 250	250	< 260	260	< 270	270	< 260	260	< 270	270	< 260	260	< 250	250	< 280	280	< 250	250
1,3-Dichlorobenzene			< 270	270	< 250	250	< 260	260	< 270	270	< 260	260	< 270	270	< 260	260	< 250	250	< 280	280	< 250	250
1,4-Dichlorobenzene			< 270	270	< 250	250	< 260	260	< 270	270	< 260	260	< 270	270	< 260	260	< 250	250	< 280	280	< 250	250
2,4,5-Trichlorophenol			< 270	270	< 250	250	< 260	260	< 270	270	< 260	260	< 270	270	< 260	260	< 250	250	< 280	280	< 250	250
2,4,6-Trichlorophenol			< 190	190	< 180	180	< 180	180	< 190	190	< 190	190	< 200	200	< 190	190	< 180	180	< 200	200	< 180	180
2,4-Dichlorophenol			< 190	190	< 180	180	< 180	180	< 190	190	< 190	190	< 200	200	< 190	190	< 180	180	< 200	200	< 180	180
2,4-Dimethylphenol			< 270	270	< 250	250	< 260	260	< 270	270	< 260	260	< 270	270	< 260	260	< 250	250	< 280	280	< 250	250
2,4-Dinitrophenol			< 270	270	< 250	250	< 260	260	< 270	270	< 260	260	< 270	270	< 260	260	< 250	250	< 280	280	< 250	250
2,4-Dinitrotoluene			< 190	190	< 180	180	< 180	180	< 190	190	< 190	190	< 200	200	< 190	190	< 180	180	< 200	200	< 180	180
2,6-Dinitrotoluene			< 190	190	< 180	180	< 180	180	< 190	190	< 190	190	< 200	200	< 190	190	< 180	180	< 200	200	< 180	180
2-Chloronaphthalene			< 270	270	< 250	250	< 260	260	< 270	270	< 260	260	< 270	270	< 260	260	< 250	250	< 280	280	< 250	250
2-Chlorophenol			< 270	270	< 250	250	< 260	260	< 270	270	< 260	260	< 270	270	< 260	260	< 250	250	< 280	280	< 250	250
2-Methylnaphthalene			< 270	270	< 250	250	< 260	260	< 270	270	< 260	260	< 270	270	< 260	260	< 250	250	< 280	280	< 250	250
2-Methylphenol (o-cresol)	330	100,000	< 270	270	< 250	250	< 260	260	< 270	270	< 260	260	< 270	270	< 260	260	< 250	250	< 280	280	< 250	250
2-Nitroaniline			< 270	270	< 250	250	< 260	260	< 270	270	< 260	260	< 270	270	< 260	260	< 250	250	< 280	280	< 250	250
2-Nitrophenol			< 270	270	< 250	250	< 260	260	< 270	270	< 260	260	< 270	270	< 260	260	< 250	250	< 280	280	< 250	250
3&4-Methylphenol (m&p-cresol)	330	100,000	< 270	270	< 250	250	< 260	260	< 270	270	< 260	260	< 270	270	< 260	260	< 250	250	< 280	280	< 250	250
3,3'-Dichlorobenzidine			< 190	190	< 180	180	< 180	180	< 190	190	< 190	190	< 200	200	< 190	190	< 180	180	< 200	200	< 180	180
3-Nitroaniline			< 380	380	< 360	360	< 370	370	< 390	390	< 370	370	< 390	390	< 370	370	< 360	360	< 390	390	< 360	360
4,6-Dinitro-2-methylphenol			< 230	230	< 220	220	< 220	220	< 230	230	< 220	220	< 230	230	< 220	220	< 220	220	< 240	240	< 220	220
4-Bromophenyl phenyl ether			< 270	270	< 250	250	< 260	260	< 270	270	< 260	260	< 270	270	< 260	260	< 250	250	< 280	280	< 250	250
4-Chloro-3-methylphenol			< 270	270	< 250	250	< 260	260	< 270	270	< 260	260	< 270	270	< 260	260	< 250	250	< 280	280	< 250	250
4-Chloroaniline			< 300	300	< 290	290	< 290	290	< 310	310	< 300	300	< 310	310	< 300	300	< 290	290	< 320	320	< 290	290
4-Chlorophenyl phenyl ether			< 270	270	< 250	250	< 260	260	< 270	270	< 260	260	< 270	270	< 260	260	< 250	250	< 280	280	< 250	250
4-Nitroaniline			< 380	380	< 360	360	< 370	370	< 390	390	< 370	370	< 390	390	< 370	370	< 360	360	< 390	390	< 360	360
4-Nitrophenol			< 380	380	< 360	360	< 370	370	< 390	390	< 370	370	< 390	390	< 370	370	< 360	360	< 390	390	< 360	360
Acenaphthene	20,000	100,000	< 270	270	< 250	250	< 260	260	< 270	270	< 260	260	**170**	270	**180**	260	< 250	250	< 280	280	< 250	250
Acenaphthylene	100,000	100,000	**310**	270	< 250	250	**150**	260	**170**	270	< 260	260	**170**	270	**120**	260	< 250	250	< 280	280	< 250	250
Acetophenone			< 270	270	< 250	250	< 260	260	< 270	270	< 260	260	< 270	270	< 260	260	< 250	250	< 280	280	< 250	250
Aniline			< 300	300	< 290	290	< 290	290	< 310	310	< 300	300	< 310	310	< 300	300	< 290	290	< 320	320	< 290	290
Anthracene	100,000	100,000	**340**	270	< 250	250	**370**	260	**220**	270	< 260	260	**560**	270	**570**	260	**140**	250	< 280	280	**160**	250
Benz(a)anthracene	1,000	1,000	**1,000**	270	**150**	250	**690**	260	**590**	270	**150**	260	**1,500**	270	**1,300**	260	**380**	250	**170**	280	**420**	250
Benzidine			< 380	380	< 360	360	< 370	370	< 390	390	< 370	370	< 390	390	< 370	370	< 360	360	< 390	390	< 360	360
Benzo(a)pyrene	1,000	1,000	**1,200**	190	**220**	180	**540**	180	**650**	190	**190**	190	**1,200**	200	**960**	190	**390**	180	**170**	200	**410**	180
Benzo(b)fluoranthene	1,000	1,000	**1,100**	270	**180**	250	**510**	260	**610**	270	**200**	260	**1,000**	270	**890**	260	**340**	250	**150**	280	**400**	250
Benzo(ghi)perylene	100,000	100,000	**1,100**	270	**230**	250	**340**	260	**530**	270	**190**	260	**710**	270	**570**	260	**280**	250	**140**	280	**300**	250
Benzo(k)fluoranthene	800	3,900	**920**	270	**200**	250	**510**	260	**580**	270	**150**	260	**790**	270	**780**	260	**340**	250	**140**	280	**360**	250
Benzoic acid			< 1900	1,900	< 1800	1,800	< 1800	1,800	< 1900	1,900	< 1900	1,900	< 2000	2,000	< 1900	1,900	< 1800	1,800	< 2000	2,000	< 1800	1,800
Benzyl butyl phthalate			< 270	270	< 250	250	< 260	260	< 270	270	< 260	260	< 270	270	< 260	260	**1,900**	250	< 280	280	< 250	250
Bis(2-chloroethoxy)methane			< 270	270	< 250	250	< 260	260	< 270	270	< 260	260	< 270	270	< 260	260	< 250	250	< 280	280	< 250	250
Bis(2-chloroethyl)ether			< 190	190	< 180	180	< 180	180	< 190	190	< 190	190	< 200	200	< 190	190	< 180	180	< 200	200	< 180	180
Bis(2-chloroisopropyl)ether			< 270	270	< 250	250	< 260	260	< 270	270	< 260	260	< 270	270	< 260	260	< 250	250	< 280	280	< 250	250
Bis(2-ethylhexyl)phthalate			< 270	270	< 250	250	< 260	260	< 270	270	< 260	260	**120**	270	< 260	260	< 250	250	< 280	280	< 250	250
Carbazole			< 190	190	< 180	180	< 180	180	< 190	190	< 190	190	< 200	200	**160**	190	< 180	180	< 200	200	< 180	180
Chrysene	1,000	3,900	**1,100**	270	**150**	250	**670**	260	**650**	270	**180**	260	**1,700**	270	**1,400**	260	**370**	250	**160**	280	**420**	250
Dibenz(a,h)anthracene	330	330	**240**	190	< 180	180	**130**	180	**140**	190	< 190	190	**230**	200	**180**	190	< 180	180	< 200	200	**160**	180
Dibenzofuran	7,000	59,000	< 270	270	< 250	250	< 260	260	< 270	270	< 260	260	< 270	270	< 260	260	< 250	250	< 280	280	< 250	250
Diethyl phthalate			< 270	270	< 250	250	< 260	260	< 270	270	< 260	260	< 270	270	< 260	260	< 250	250	< 280	280	< 250	250
Dimethylphthalate			< 270	270	< 250	250	< 260	260	< 270	270	< 260	260	< 270	270	< 260	260	< 250	250	< 280	280	< 250	250
Di-n-butylphthalate			< 270	270	< 250	250	< 260	260	< 270	270	< 260	260	< 270	270	< 260	260	< 250	250	< 280	280	< 250	250
Di-n-octylphthalate			< 270	270	< 250	250	< 260	260	< 270	270	< 260	260	< 270	270	< 260	260	< 250	250	< 280	280	< 250	250
Fluoranthene	100,000	100,000	**1,600**	270	**220**	250	**1,600**	260	**1,100**	270	**240**	260	**2,300**	270	**2,400**	260	**770**	250	**300**	280	**1,000**	250
Fluorene	30,000	100,000	< 270	270	< 250	250	**210**	260	< 270	270	< 260	260	**190**	270	**370**	260	< 250	250	< 280	280	< 250	250
Hexachlorobenzene			< 190	190	< 180	180	< 180	180	< 190	190	< 190	190	< 200	200	< 190	190	< 180	180	< 200	200	< 180	180
Hexachlorobutadiene			< 270	270	< 250	250	< 260	260	< 270	270	< 260	260	< 270	270	< 260	260	< 250	250	< 280	280	< 250	250
Hexachlorocyclopentadiene			< 270	270	< 250	250	< 260	260	< 270	270	< 260	260	< 270	270	< 260	260	< 250	250	< 280	280	< 250	250
Hexachloroethane			< 190	190	< 180	180	< 180	180	< 190	190	< 190	190	< 200	200	< 190	190	< 180	180	< 200	200	< 180	180
Indeno(1,2,3-cd)pyrene	500	500	**1,100**	270	**240**	250	**390**	260	**570**	270	**190**	260	**700**	270	**540**	260	**280**	250	**130**	280	**340**	250
Isophorone			< 190	190	< 180	180	< 180	180	< 190	190	< 190	190	< 200	200	< 190	190	< 180	180	< 200	200	< 180	180
Naphthalene	12,000	100,000	< 270	270	< 250	250	< 260	260	**140**	270	< 260	260	< 270	270	< 260	260	< 250	250	**120**	280	< 250	250
Nitrobenzene			< 190	190	< 180	180	< 180	180	< 190	190	< 190	190	< 200	200	< 190	190	< 180	180	< 200	200	< 180	180
N-Nitrosodimethylamine			< 270	270	< 250	250	< 260	260	< 270	270	< 260	260	< 270	270	< 260	260	< 250	250	< 280	280	< 250	250
N-Nitrosodi-n-propylamine			< 190	190	< 180	180	< 180	180	< 190	190	< 190	190	< 200	200	< 190	190	< 180	180	< 200	200	< 180	180
N-Nitrosodiphenylamine			< 270	270	< 250	250	< 260	260	< 270	270	< 260	260	< 270	270	< 260	260	< 250	250	< 280	280	< 250	250
Pentachloronitrobenzene			< 270	270	< 250	250	< 260	260	< 270	270	< 260	260	< 270	270	< 260	260	< 250	250	< 280	280	< 250	250
Pentachlorophenol	800	6,700	< 230	230	< 220	220	< 220	220	< 230	230	< 220	220	< 230	230	< 220	220	< 220	220	< 240	240	< 220	220
Phenanthrene	100,000	100,000	**940**	270	< 250	250	**1,400**	260	**900**	270	**120**	260	**2,400**	270	**2,600**	260	**450**	250	**140**	280	**700**	250
Phenol	330	100,000	< 270	270	< 250	250	< 260	260	< 270	270	< 260	260	< 270	270	< 260	260	< 250	250	< 280	280	< 250	250
Pyrene	100,000	100,000	**1,600**	270	**220**	250	**1,200**	260	**1,000**	270	**220**	260	**2,700**	270	**2,500**	260	**660**	250	**280**	280	**860**	250
Pyridine			< 270	270	< 250	250	< 260	260	< 270	270	< 260	260	< 270	270	< 260	260	< 250	250	< 280	280	< 250	250

Notes:
* - 6 NYCRR Part 375-6 Remedial Program Soil Cleanup Objectives
RL - Reporting Limit
Bold/highlighted- Indicated exceedance of the NYSDEC UUSCO Guidance Value
Bold/highlighted- Indicated exceedance of the NYSDEC RRSCO Guidance Value

TABLE 3
Beach 62nd Street,
Queens, New York
Soil Analytical Results
Pesticides PCBs

	COMPOUND	NYSDEC Part 375.6 Unrestricted Use Soil Cleanup Objectives*	NYDEC Part 375.6 Restricted Residential Soil Cleanup Objectives*	SB1		SB2		SB3		SB4		SB5		SB6		SB7		SB8		SB9		SB10	
				6' 2/23/2018 µg/Kg		6' 2/23/2018 µg/Kg		6' 2/23/2018 µg/Kg		6' 2/23/2018 µg/Kg		6' 2/23/2018 µg/Kg		6' 2/23/2018 µg/Kg		6' 2/23/2018 µg/Kg		6' 2/23/2018 µg/Kg		6' 2/23/2018 µg/Kg		6' 2/23/2018 µg/Kg	
				Result	RL	Result	RL	Result	RL	Result	RL	Result	RL	Result	RL	Result	RL	Result	RL	Result	RL	Result	RL
Pesticides	4,4' -DDD	3.3	13,000	< 2.3	2.3	< 2.2	2.2	< 2.2	2.2	**130**	23	< 2.2	2.2	**27**	2.4	< 2.3	2.3	< 2.2	2.2	< 2.4	2.4	**7.1**	3.3
	4,4' -DDE	3.3	8,900	< 2.3	2.3	< 2.2	2.2	< 2.2	2.2	**49**	2.3	< 2.2	2.2	**7**	3.3	< 2.3	2.3	< 2.2	2.2	< 2.4	2.4	< 2.2	2.2
	4,4' -DDT	3.3	7,900	< 2.3	2.3	< 2.2	2.2	**9.5**	2.2	< 2.3	2.3	**2.8**	2.2	**8.9**	3.3	< 2.3	2.3	< 2.2	2.2	< 2.4	2.4	**4.5**	3.3
	a-BHC	20	480	< 7.6	7.6	< 7.2	7.2	< 7.4	7.4	< 7.7	7.7	< 7.5	7.5	< 7.8	7.8	< 7.6	7.6	< 7.3	7.3	< 7.9	7.9	< 7.3	7.3
	a-Chlordane	94	4,200	< 3.8	3.8	< 3.6	3.6	**9.3**	3.7	< 3.8	3.8	**5.2**	3.7	< 3.9	3.9	< 3.8	3.8	< 3.6	3.6	< 4.0	4.0	< 3.7	3.7
	Aldrin	5	97	< 3.8	3.8	< 3.6	3.6	< 3.7	3.7	< 3.8	3.8	< 3.7	3.7	< 3.9	3.9	< 3.8	3.8	< 3.6	3.6	< 4.0	4.0	< 3.7	3.7
	b-BHC	36	360	< 7.6	7.6	< 7.2	7.2	< 7.4	7.4	< 7.7	7.7	< 7.5	7.5	< 7.8	7.8	< 7.6	7.6	< 7.3	7.3	< 7.9	7.9	< 7.3	7.3
	Chlordane	94	4,200	< 38	38	< 36	36	< 37	37	< 38	38	< 37	37	< 39	39	< 38	38	< 36	36	< 40	40	< 37	37
	d-BHC	40	100,000	< 7.6	7.6	< 7.2	7.2	< 7.4	7.4	< 7.7	7.7	< 7.5	7.5	< 7.8	7.8	< 7.6	7.6	< 7.3	7.3	< 7.9	7.9	< 7.3	7.3
	Dieldrin	5	200	< 3.8	3.8	< 3.6	3.6	< 3.7	3.7	< 3.8	3.8	< 3.7	3.7	**5.4**	3.9	< 3.8	3.8	< 3.6	3.6	< 4.0	4.0	< 3.7	3.7
	Endosulfan I	2,400	24,000	< 7.6	7.6	< 7.2	7.2	< 7.4	7.4	< 7.7	7.7	< 7.5	7.5	< 7.8	7.8	< 7.6	7.6	< 7.3	7.3	< 7.9	7.9	< 7.3	7.3
	Endosulfan II	2,400	24,000	< 7.6	7.6	< 7.2	7.2	< 7.4	7.4	< 7.7	7.7	< 7.5	7.5	< 7.8	7.8	< 7.6	7.6	< 7.3	7.3	< 7.9	7.9	< 7.3	7.3
	Endosulfan sulfate	2,400	24,000	< 7.6	7.6	< 7.2	7.2	< 7.4	7.4	< 7.7	7.7	< 7.5	7.5	< 7.8	7.8	< 7.6	7.6	< 7.3	7.3	< 7.9	7.9	< 7.3	7.3
	Endrin	14	11,000	< 7.6	7.6	< 7.2	7.2	< 7.4	7.4	< 7.7	7.7	< 7.5	7.5	< 7.8	7.8	< 7.6	7.6	< 7.3	7.3	< 7.9	7.9	< 7.3	7.3
	Endrin aldehyde			< 7.6	7.6	< 7.2	7.2	< 7.4	7.4	< 7.7	7.7	< 7.5	7.5	< 7.8	7.8	< 7.6	7.6	< 7.3	7.3	< 7.9	7.9	< 7.3	7.3
	Endrin ketone			< 7.6	7.6	< 7.2	7.2	< 7.4	7.4	< 7.7	7.7	< 7.5	7.5	< 7.8	7.8	< 7.6	7.6	< 7.3	7.3	< 7.9	7.9	< 7.3	7.3
	g-BHC			< 1.5	1.5	< 1.4	1.4	< 1.5	1.5	< 1.5	1.5	< 1.5	1.5	< 1.6	1.6	< 1.5	1.5	< 1.5	1.5	< 1.6	1.6	< 1.5	1.5
	g-Chlordane			< 3.8	3.8	< 3.6	3.6	**5.3**	3.7	< 3.8	3.8	**3.8**	3.0	< 3.9	3.9	< 3.8	3.8	< 3.6	3.6	< 4.0	4.0	< 3.7	3.7
	Heptachlor	42	2,100	< 7.6	7.6	< 7.2	7.2	< 7.4	7.4	< 7.7	7.7	< 7.5	7.5	< 7.8	7.8	< 7.6	7.6	< 7.3	7.3	< 7.9	7.9	< 7.3	7.3
	Heptachlor epoxide			< 7.6	7.6	< 7.2	7.2	< 7.4	7.4	< 7.7	7.7	< 7.5	7.5	< 7.8	7.8	< 7.6	7.6	< 7.3	7.3	< 7.9	7.9	< 7.3	7.3
	Methoxychlor			< 38	38	< 36	36	< 37	37	< 38	38	< 37	37	< 39	39	< 38	38	< 36	36	< 40	40	< 37	37
	Toxaphene			< 150	150	< 140	140	< 150	150	< 150	150	< 150	150	< 160	160	< 150	150	< 150	150	< 160	160	< 150	150
PCBs	PCB-1016	100	1,000	< 76	76	< 72	72	< 74	74	< 77	77	< 75	75	< 78	78	< 76	76	< 73	73	< 79	79	< 73	73
	PCB-1221	100	1,000	< 76	76	< 72	72	< 74	74	< 77	77	< 75	75	< 78	78	< 76	76	< 73	73	< 79	79	< 73	73
	PCB-1232	100	1,000	< 76	76	< 72	72	< 74	74	< 77	77	< 75	75	< 78	78	< 76	76	< 73	73	< 79	79	< 73	73
	PCB-1242	100	1,000	< 76	76	< 72	72	< 74	74	< 77	77	< 75	75	< 78	78	< 76	76	< 73	73	< 79	79	< 73	73
	PCB-1248	100	1,000	< 76	76	< 72	72	< 74	74	< 77	77	< 75	75	< 78	78	< 76	76	< 73	73	< 79	79	< 73	73
	PCB-1254	100	1,000	< 76	76	< 72	72	< 74	74	< 77	77	< 75	75	< 78	78	< 76	76	< 73	73	< 79	79	**110**	73
	PCB-1260	100	1,000	< 76	76	< 72	72	< 74	74	< 77	77	< 75	75	< 78	78	< 76	76	< 73	73	< 79	79	< 73	73
	PCB-1262	100	1,000	< 76	76	< 72	72	< 74	74	< 77	77	< 75	75	< 78	78	< 76	76	< 73	73	< 79	79	< 73	73
	PCB-1268	100	1,000	< 76	76	< 72	72	< 74	74	< 77	77	< 75	75	< 78	78	< 76	76	< 73	73	< 79	79	< 73	73

Notes:

* - 6 NYCRR Part 375-6 Remedial Program Soil Cleanup Objectives

RL- Reporting Limit

Bold/highlighted- Indicated exceedance of the NYSDEC UUSCO Guidance Value

Bold/highlighted- Indicated exceedance of the NYSDEC RRSCO Guidance Value

TABLE 4
Beach 62nd Street,
Queens, New York
Soil Analytical Results
Metals

COMPOUND	NYSDEC Part 375.6 Unrestricted Use Soil Cleanup Objectives*	NYDEC Part 375.6 Restricted Residential Soil Cleanup Objectives*	SB1		SB2		SB3		SB4		SB5		SB6		SB7		SB8		SB9		SB10	
			6' 2/23/2018 mg/Kg		6' 2/23/2018 mg/Kg		6' 2/23/2018 mg/Kg		6' 2/23/2018 mg/Kg		6' 2/23/2018 mg/Kg		6' 2/23/2018 mg/Kg		6' 2/23/2018 mg/Kg		6' 2/23/2018 mg/Kg		6' 2/23/2018 mg/Kg		6' 2/23/2018 mg/Kg	
			Result	RL	Result	RL	Result	RL	Result	RL	Result	RL	Result	RL	Result	RL	Result	RL	Result	RL	Result	RL
Aluminum			3,370	35	2,850	38	2,460	36	6,210	35	3,640	34	2,560	36	3,440	37	4,630	35	2,590	41	3,610	39
Antimony			2.7	1.7	< 1.9	1.9	< 1.8	1.8	< 1.8	1.8	< 1.7	1.7	2.7	1.8	< 1.8	1.8	< 1.7	1.7	< 2.1	2.1	2.7	2.0
Arsenic	13	16	23.8	0.69	2.53	0.77	1.84	0.71	30.2	0.70	4.77	0.68	3.67	0.72	2.44	0.74	2.8	0.70	9.48	0.82	2.83	0.78
Barium	350	350	1,790	6.9	77	0.8	45.1	0.7	233	0.7	82.7	0.7	359	0.7	46.6	0.7	69.4	0.7	104	0.8	49.9	0.8
Beryllium	7.2	14	0.19	0.28	0.17	0.31	< 0.28	0.28	0.37	0.28	0.17	0.27	0.15	0.29	0.18	0.30	0.16	0.28	< 0.33	0.33	0.21	0.31
Cadmium	2.5	2.5	2.95	0.35	< 0.38	0.38	< 0.36	0.36	0.87	0.35	< 0.34	0.34	1.25	0.36	< 0.37	0.37	< 0.35	0.35	1.75	0.41	< 0.39	0.39
Calcium			19,900	35	6,830	3.8	3,570	3.6	24,600	35	5,790	3.4	5,460	3.6	10,600	3.7	11,500	35	1,840	4.1	11,300	3.9
Chromium	30	180	28.2	0.35	9.24	0.38	9.05	0.36	23.3	0.35	9.81	0.34	15.1	0.36	8.85	0.37	9.09	0.35	13.5	0.41	13.6	0.39
Cobalt			11.3	0.35	2.23	0.38	2.18	0.36	6.27	0.35	4.55	0.34	2.6	0.36	2.65	0.37	4.1	0.35	5.87	0.41	3.22	0.39
Copper	50	270	246	3.5	13.4	0.38	21	0.36	384	3.5	29.7	0.34	60.7	0.36	17.6	0.37	22.6	0.35	53.1	0.41	27.7	0.39
Iron			113,000	350	6,180	3.8	6,330	3.6	28,500	35	10,900	34	12,000	36	7,340	3.7	10,000	35	84,600	41	11,100	39
Lead	63	400	1,590	69	68.7	0.8	80.7	0.7	220	7.0	86	0.7	657	7.2	79.3	0.7	89.5	0.7	281	8.2	291	7.8
Magnesium			5,920	35	2,190	3.8	2,220	3.6	11,700	35	2,740	3.4	2,810	3.6	4,300	3.7	2,160	3.5	566	4.1	5,860	39
Manganese	1,600	2,000	872	3.5	64.1	0.38	72.5	0.36	268	3.5	86.7	0.34	124	0.36	100	0.37	133	0.35	316	4.1	127	0.39
Mercury	0.18	0.81	0.19	0.14	0.09	0.13	0.23	0.15	0.45	0.14	< 0.14	0.14	0.26	0.14	0.09	0.14	< 0.14	0.14	0.17	0.15	< 0.13	0.13
Nickel	30	140	34.8	0.35	5.42	0.38	6.22	0.36	15.3	0.35	6.89	0.34	11.7	0.36	6.49	0.37	7.26	0.35	11.1	0.41	10.1	0.39
Potassium			666	7	654	8	454	7	843	7	627	7	441	7	466	7	521	7	370	8	602	8
Selenium	3.9	36	< 1.4	1.4	< 1.5	1.5	< 1.4	1.4	< 1.4	1.4	< 1.4	1.4	< 1.4	1.4	< 1.5	1.5	< 1.4	1.4	< 1.6	1.6	< 1.6	1.6
Silver	2	36	0.91	0.35	< 0.38	0.38	< 0.36	0.36	4.04	0.35	< 0.34	0.34	0.58	0.36	< 0.37	0.37	< 0.35	0.35	< 0.41	0.41	< 0.39	0.39
Sodium			883	7	135	8	88	7	282	7	143	7	143	7	150	7	402	7	128	8	136	8
Thallium			< 1.4	1.4	< 1.5	1.5	< 1.4	1.4	< 1.4	1.4	< 1.4	1.4	< 1.4	1.4	< 1.5	1.5	< 1.4	1.4	< 1.6	1.6	< 1.6	1.6
Vanadium			27.3	0.35	12	0.38	13	0.36	26.9	0.35	34.3	0.34	17.2	0.36	16.2	0.37	15.5	0.35	13.7	0.41	22.3	0.39
Zinc	109	2,200	1,130	6.9	79.1	0.8	74.3	0.7	228	7.0	73.4	0.7	376	7.2	65.6	0.7	78.2	0.7	317	8.2	92	0.8

Notes:

* - 6 NYCRR Part 375-6 Remedial Program Soil Cleanup Objectives

RL- Reporting Limit

Bold/highlighted- Indicated exceedance of the NYSDEC UUSCO Guidance Value

Bold/highlighted- Indicated exceedance of the NYSDEC RRSCO Guidance Value

TABLE 5
Beach 62nd Street,
Queens, New York
Ground Water Analytical Results
Volatile Organic Compounds

Compound	NYSDEC Groundwater Quality Standards	GW1		GW2		GW3		GW4		GW5	
	µg/L	µg/L		µg/L		µg/L		µg/L		µg/L	
		Results	RL	Results	RL	Results	RL	Results	RL	Results	RL
1,1,1,2-Tetrachlorothane	5	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0
1,1,1-Trichloroethane	5	< 5.0	5.0	< 5.0	5.0	< 5.0	5.0	< 5.0	5.0	< 5.0	5.0
1,1,2,2-Tetrachloroethane	5	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0
1,1,2-Trichloroethane	1	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0
1,1-Dichloroethane	5	< 5.0	5.0	< 5.0	5.0	< 5.0	5.0	< 5.0	5.0	< 5.0	5.0
1,1-Dichloroethene	5	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0
1,1-Dichloropropene		< 1.0	1.0	< 1.0	1.0	< 1.0	1	< 1.0	1.0	< 1.0	1.0
1,2,3-Trichlorobenzene		< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0
1,2,3-Trichloropropane	0.04	< 0.25	0.25	< 0.25	0.25	< 0.25	0.25	< 0.25	0.25	< 0.25	0.25
1,2,4-Trichlorobenzene		< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0
1,2,4-Trimethylbenzene	5	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0
1,2-Dibromo-3-chloropropane	0.04	< 0.50	0.50	< 0.50	0.50	< 0.50	0.50	< 0.50	0.50	< 0.50	0.50
1,2-Dibromoethane		< 0.25	0.25	< 0.25	0.25	< 0.25	0.25	< 0.25	0.25	< 0.25	0.25
1,2-Dichlorobenzene	5	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0
1,2-Dichloroethane	0.6	< 0.60	0.60	< 0.60	0.60	< 0.60	0.60	< 0.60	0.60	< 0.60	0.60
1,2-Dichloropropane	0.94	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0
1,3,5-Trimethylbenzene	5	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0
1,3-Dichlorobenzene		< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0
1,3-Dichloropropane	5	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0
1,4-Dichlorobenzene	5	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0
2,2-Dichloropropane	5	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0
2-Chlorotoluene	5	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0
2-Hexanone (Methyl Butyl Ketone)		< 2.5	2.5	< 2.5	2.5	< 2.5	2.5	< 2.5	2.5	< 2.5	2.5
2-Isopropyltoluene	5	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0
4-Chlorotoluene	5	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0
4-Methyl-2-Pentanone		< 2.5	2.5	< 2.5	2.5	< 2.5	2.5	< 2.5	2.5	< 2.5	2.5
Acetone		**6.9**	5.0	**5**	5.0	< 5.0	5.0	**3.3**	5.0	**3.5**	5.0
Acrolein		< 5.0	5.0	< 5.0	5.0	< 5.0	5.0	< 5.0	5.0	< 5.0	5.0
Acrylonitrile	5	< 5.0	5.0	< 5.0	5.0	< 5.0	5.0	< 5.0	5.0	< 5.0	5.0
Benzene	1	**0.84**	0.70	**0.91**	0.70	< 0.70	0.70	< 0.70	0.70	< 0.70	0.70
Bromobenzene	5	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0
Bromochloromethane	5	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0
Bromodichloromethane		< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0
Bromoform		< 5.0	5.0	< 5.0	5.0	< 5.0	5.0	< 5.0	5.0	< 5.0	5.0
Bromomethane	5	< 5.0	5.0	< 5.0	5.0	< 5.0	5.0	< 5.0	5.0	< 5.0	5.0
Carbon Disulfide	60	**0.35**	1.0	< 1.0	1.0	< 1.0	1.0	**0.3**	1.0	< 1.0	1.0
Carbon tetrachloride	5	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0
Chlorobenzene	5	< 5.0	5.0	< 5.0	5.0	< 5.0	5.0	< 5.0	5.0	< 5.0	5.0
Chloroethane	5	< 5.0	5.0	< 5.0	5.0	< 5.0	5.0	< 5.0	5.0	< 5.0	5.0
Chloroform	7	< 5.0	5.0	< 5.0	5.0	< 5.0	5.0	< 5.0	5.0	< 5.0	5.0
Chloromethane	60	< 5.0	5.0	< 5.0	5.0	< 5.0	5.0	< 5.0	5.0	< 5.0	5.0
cis-1,2-Dichloroethene	5	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0
cis-1,3-Dichloropropene		< 0.40	0.40	< 0.40	0.40	< 0.40	0.40	< 0.40	0.40	< 0.40	0.40
Dibromochloromethane		< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0
Dibromomethane	5	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0
Dichlorodifluoromethane	5	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0
Ethylbenzene	5	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	**0.27**	1.0
Hexachlorobutadiene	0.5	< 0.50	0.50	< 0.50	0.50	< 0.50	0.50	< 0.50	0.50	< 0.50	0.50
Isopropylbenzene	5	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0
m&p-Xylenes	5	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0
Methyl Ethyl Ketone (2-Butanone)		< 2.5	2.5	< 2.5	2.5	< 2.5	2.5	< 2.5	2.5	< 2.5	2.5
Methyl t-butyl ether (MTBE)	10	< 1.0	1.0	< 1.0	1.0	**2**	1.0	**0.32**	1.0	< 1.0	1.0
Methylene chloride	5	< 3.0	3.0	< 3.0	3.0	< 3.0	3.0	< 3.0	3.0	< 3.0	3.0
Naphthalene	10	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0
n-Butylbenzene	5	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0
n-Propylbenzene	5	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0
o-Xylene	5	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0
p-Isopropyltoluene		< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0
sec-Butylbenzene	5	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0
Styrene	5	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0
tert-Butylbenzene	5	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0
Tetrachloroethene	5	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0
Tetrahydrofuran (THF)		< 5.0	5.0	< 5.0	5.0	< 5.0	5.0	< 5.0	5.0	< 5.0	5.0
Toluene	5	**0.33**	1.0	**0.46**	1.0	< 1.0	1.0	< 1.0	1.0	**0.32**	1.0
trans-1,2-Dichloroethene	5	< 5.0	5.0	< 5.0	5.0	< 5.0	5.0	< 5.0	5.0	< 5.0	5.0
trans-1,3-Dichloropropene	0.4	< 0.40	0.40	< 0.40	0.40	< 0.40	0.40	< 0.40	0.40	< 0.40	0.40
trans-1,4-dichloro-2-butene	5	< 2.5	2.5	< 2.5	2.5	< 2.5	2.5	< 2.5	2.5	< 2.5	2.5
Trichloroethene	5	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0
Trichlorofluoromethane	5	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0
Trichlorotrifluoroethane		< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0
Vinyl Chloride	2	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0

Notes:
RL- Reporting Limit
Bold/highlighted- Indicated exceedance of the NYSDEC Groundwater Standard

ATTACHMENT A
Soil Boring Logs

Geologic Boring Log Details

EBC
ENVIRONMENTAL BUSINESS CONSULTANTS

SB1 Boring Log

Location: Performed at 20' from Beach 62nd street and 240' from Beach Channel Drive			Depth to Water (ft. from grade.)	Site Elevation Datum
Site Name:	Address: Beach 62nd street,Queens,NY		Date / DTW	Ground Elevation
			Groundwater depth	
Drilling Company: C^2 Environmental	Method: Geoprobe			Well Specifications
Date Started: 2/23/2018	Date Completed: 2/23/2018			None
Completion Depth: 8 ft	Geologist Honpong Lau			

B1 (NTS)	DEPTH (ft below grade)	SAMPLES Recovery (in.)	Blow per 6 in.	PID (ppm)	SOIL DESCRIPTION
	0				
	to 4	23		12.0	11" fill material with brown fine sand 8" tan grey fine to medium sand 4" dark medium to fine sand with some gravel
	to 8	18		0.0	9" brown fine sand with some fill material 7" wet tan grey fine to medium sand 2" dark grey clay with some grass root **Retained soii sample at (3-6ft)*

Geologic Boring Log Details

EBC
ENVIRONMENTAL BUSINESS CONSULTANTS

SB2 Boring Log

Location: Performed at 80' from Beach 62nd street and 200' from Beach Channel Drive			Depth to Water (ft. from grade.)	Site Elevation Datum
Site Name:	Address: Beach 62nd street,Queens,NY		Date / DTW	Ground Elevation
			Groundwater depth	
Drilling Company: C^2 Environmental	Method: Geoprobe			Well Specifications
Date Started: 2/23/2018	Date Completed: 2/23/2018			None
Completion Depth: 8 feet	Geologist Honpong Lau			

B1 (NTS)	DEPTH (ft below grade)	SAMPLES Recovery (in.)	Blow per 6 in.	PID (ppm)	SOIL DESCRIPTION
	0				
	to 4	13		0.0	5" fill material with fine to medium sand 8" dark fine sand with some fill material
	to 8	4		0.0	4" wet tan fine sand with some clay **Retained soil sample at (3-6ft)*

Geologic Boring Log Details

EBC
ENVIRONMENTAL BUSINESS CONSULTANTS

SB3 Boring Log

Location: Performed at 55' from Beach 62nd street and 180' from Beach Channel Drive			Depth to Water (ft. from grade.)	Site Elevation Datum
Site Name:	Address: Beach 62nd street,Queens,NY		Date / DTW	Ground Elevation
			Groundwater depth	
Drilling Company: C^2 Environmental	Method: Geoprobe			Well Specifications
Date Started: 2/23/2018	Date Completed: 2/23/2018			None
Completion Depth: 8 feet	Geologist Honpong Lau			

B1 (NTS)	DEPTH (ft below grade)	SAMPLES Recovery (in.)	Blow per 6 in.	PID (ppm)	SOIL DESCRIPTION
	0				
	to	24		0.0	10" fill material with fine to medium sand 7" tan fine sand 6" fill material with tan fine sand and brick
	4				
	to	4		0.0	4" tan fine to medium sand and some clay **Retained soil sample at (3-6ft)*
	8				

Geologic Boring Log Details

ENVIRONMENTAL BUSINESS CONSULTANTS

SB4 Boring Log

Location: Performed at 80' from Beach 62nd st and 140' from Beach Channel Drive			Depth to Water (ft. from grade.)	Site Elevation Datum
Site Name:	Address: Beach 62nd street,Queens,NY		Date / DTW	Ground Elevation
			Groundwater depth	
Drilling Company: C^2 Environmental	Method: Geoprobe			Well Specifications
Date Started: 2/23/2018	Date Completed: 2/23/2018			None
Completion Depth: 8 ft	Geologist Honpong Lau			

B1 (NTS)	DEPTH (ft below grade)	SAMPLES Recovery (in.)	Blow per 6 in.	PID (ppm)	SOIL DESCRIPTION
	0 to 4	22		0.0	8" fill material with fine sand 8" tan fine sand 6" brown fine sand
	4 to 8	16		17.0	8" fill material with black fine sand 4" brown silty sand with some fill material 4" black fine sand with grass root **Retained soil sample at (3-6ft)*

Geologic Boring Log Details

EBC
ENVIRONMENTAL BUSINESS CONSULTANTS

SB5 Boring Log

Location: Performed at 50' from Beach 62nd st and 150' from Beach Channel Drive			Depth to Water (ft. from grade.)	Site Elevation Datum
Site Name:	Address: Beach 62nd street,Queens,NY		Date / DTW	Ground Elevation
			Groundwater depth	
Drilling Company: C^2 Environmental	Method: Geoprobe			Well Specifications
Date Started: 2/23/2018	Date Completed: 2/23/2018			None
Completion Depth: 8 ft	Geologist Honpong Lau			

B1 (NTS)	DEPTH (ft below grade)	SAMPLES Recovery (in.)	Blow per 6 in.	PID (ppm)	SOIL DESCRIPTION
	0				
	to 4	14		0.0	14" fill material with fine sand
	to 8	3		0.0	3" wet fill material with some dark grey clay **Retained soil sample at (3-6ft)*

Geologic Boring Log Details

EBC
ENVIRONMENTAL BUSINESS CONSULTANTS

SB6 Boring Log

Location: Performed at 140' from Beach 62nd street and 85' from Beach Channel Drive			Depth to Water (ft. from grade.)	Site Elevation Datum
Site Name:	Address: Beach 62nd street,Queens,NY		Date / DTW	Ground Elevation
			Groundwater depth	
Drilling Company: C^2 Environmental	Method: Geoprobe			Well Specifications
Date Started: 2/23/2018	Date Completed: 2/23/2018			None
Completion Depth: 8 ft	Geologist Honpong Lau			

B1 (NTS)	DEPTH (ft below grade)	SAMPLES Recovery (in.)	Blow per 6 in.	PID (ppm)	SOIL DESCRIPTION
	0				
	to 4	24		0.0	10" fill material with brown fine sand 14" light tan fine sand with some rock pebbles
	to 8	17		0.0	12" light tan fine sand with some rock pebbles 5" wet fine sand with clay **Retained soii sample at (3-6ft)*

Geologic Boring Log Details

EBC
ENVIRONMENTAL BUSINESS CONSULTANTS

SB7 Boring Log

Location: Performed at 45' from Beach 62nd street and 150' from Beach Channel Drive			Depth to Water (ft. from grade.)	Site Elevation Datum
Site Name:	Address: Beach 62nd street,Queens,NY		Date / DTW	Ground Elevation
			Groundwater depth	
Drilling Company: C^2 Environmental	Method: Geoprobe			Well Specifications
Date Started: 2/23/2018	Date Completed: 2/23/2018			None
Completion Depth: 8 ft	Geologist Honpong Lau			

B1 (NTS)	DEPTH (ft below grade)	SAMPLES Recovery (in.)	Blow per 6 in.	PID (ppm)	SOIL DESCRIPTION
	0 to 4	24		12.0	24" blackish grey fine sand with wood chip and fill material
	4 to 8	3		0.0	3" wet blackish clay **Retained soii sample at (3-6ft)*

Geologic Boring Log Details

EBC
ENVIRONMENTAL BUSINESS CONSULTANTS

SB8 Boring Log

Location: Performed at 85' from Beach 62nd street and 65' from Beach Channel Drive		Depth to Water (ft. from grade.)	Site Elevation Datum
Site Name:	Address: Beach 62nd street,Queens,NY	Date / DTW	Ground Elevation
		Groundwater depth	
Drilling Company: C^2 Environmental	Method: Geoprobe		Well Specifications
Date Started: 2/23/2018	Date Completed: 2/23/2018		None
Completion Depth: 8 ft	Geologist Honpong Lau		

B1 (NTS)	DEPTH (ft below grade)	SAMPLES Recovery (in.)	Blow per 6 in.	PID (ppm)	SOIL DESCRIPTION
	0				
	to 4	20		0.0	2" fill material with fine sand 18" greyish fine to medium sand with some gravel
	to 8	3		0.0	3" wet grey clay with rock **Retained soii sample at (3-6ft)*

Geologic Boring Log Details

EBC
ENVIRONMENTAL BUSINESS CONSULTANTS

SB9 Boring Log

Location: Performed at 30' from Beach 62nd street and 20' from Beach Channel Drive			Depth to Water (ft. from grade.)	Site Elevation Datum
Site Name:	Address: Beach 62nd street,Queens,NY		Date / DTW	Ground Elevation
			Groundwater depth	
Drilling Company: C^2 Environmental	Method: Geoprobe			Well Specifications
Date Started: 2/23/2018	Date Completed: 2/23/2018			None
Completion Depth: 8 ft	Geologist Honpong Lau			

B1 (NTS)	DEPTH (ft below grade)	SAMPLES Recovery (in.)	Blow per 6 in.	PID (ppm)	SOIL DESCRIPTION
	0 to 4	18		0.0	2" fill material with asphalt 9" brown fine to medium sand 7" wet grey fine to medium sand
	4 to 8	29		0.0	3" wet grey fine to medium sand 5" wet brown gravel sand with rock 5" wet grey fine to medium sand 16" wet grey clay **Retained soii sample at (3-6ft)*

Geologic Boring Log Details

EBC
ENVIRONMENTAL BUSINESS CONSULTANTS

SB10 Boring Log

Location: Performed at 90' from Beach 62nd street and 20' from Beach Channel Drive			Depth to Water (ft. from grade.)	Site Elevation Datum
Site Name:	Address: Beach 62nd street,Queens,NY		Date / DTW	Ground Elevation
			Groundwater depth	
Drilling Company: C^2 Environmental	Method: Geoprobe			Well Specifications
Date Started: 2/23/2018	Date Completed: 2/23/2018			None
Completion Depth: 8 ft	Geologist Honpong Lau			

B1 (NTS)	DEPTH (ft below grade)	SAMPLES Recovery (in.)	Blow per 6 in.	PID (ppm)	SOIL DESCRIPTION
	0				
	to	19		0.0	2" fill material with fine sand 8" brown moist fine to medium sand 9" tan grey fine to medium sand
	4				
	to	3		0.0	3" wet fine sand with clay and rock **Retained soii sample at (3-6ft)*
	8				

ATTACHMENT B
Laboratory Reports

PHOENIX
Environmental Laboratories, Inc.

Monday, March 05, 2018

Attn: Mr. Charles B. Sosik, P.G.
Environmental Business Consultants
1808 Middle Country Rd
Ridge NY 11961-2406

Project ID: BEACH 62ND ST., QUEENS, NY
Sample ID#s: BZ94512 - BZ94521

This laboratory is in compliance with the NELAC requirements of procedures used except where indicated.

This report contains results for the parameters tested, under the sampling conditions described on the Chain Of Custody, as received by the laboratory. This report is incomplete unless all pages indicated in the pagination at the bottom of the page are included.

All soils, solids and sludges are reported on a dry weight basis unless otherwise noted in the sample comments.

A scanned version of the COC form accompanies the analytical report and is an exact duplicate of the original.

If you have any questions concerning this testing, please do not hesitate to contact Phoenix Client Services at ext. 200.

Sincerely yours,

Phyllis Shiller
Laboratory Director

NELAC - #NY11301
CT Lab Registration #PH-0618
MA Lab Registration #M-CT007
ME Lab Registration #CT-007
NH Lab Registration #213693-A,B
NJ Lab Registration #CT-003
NY Lab Registration #11301
PA Lab Registration #68-03530
RI Lab Registration #63
UT Lab Registration #CT00007
VT Lab Registration #VT11301

Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102 Fax (860) 645-0823

NY # 11301

SDG Comments

March 05, 2018

SDG I.D.: GBZ94512

Please be advised that the NY 375 soil criteria for chromium are based on hexavalent chromium and trivalent chromium.

Any compound that is not detected above the MDL/LOD is reported as ND on the report and is reported in the electronic deliverables (EDD) as <RL or U at the RL per state and EPA guidance.

Version 1: Analysis results minus raw data.

Version 2: Complete report with raw data.

Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102 Fax (860) 645-0823

ACCREDITED IN ACCORDANCE WITH nelac NY # 11301

Analysis Report

March 05, 2018

FOR: Attn: Mr. Charles B. Sosik, P.G.
Environmental Business Consultants
1808 Middle Country Rd
Ridge NY 11961-2406

Sample Information		Custody Information		Date	Time
Matrix:	SOIL	Collected by:	HL	02/23/18	
Location Code:	EBC	Received by:	LB	02/26/18	13:20
Rush Request:	72 Hour	Analyzed by:	see "By" below		
P.O.#:					

Laboratory Data

SDG ID: GBZ94512
Phoenix ID: BZ94512

Project ID: BEACH 62ND ST., QUEENS, NY
Client ID: SB 1

Parameter	Result		RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
Silver	0.91		0.35	0.35	mg/Kg	1	02/27/18	MA	SW6010C
Aluminum	3370		35	6.9	mg/Kg	10	02/27/18	MA	SW6010C
Arsenic	23.8		0.69	0.69	mg/Kg	1	02/27/18	MA	SW6010C
Barium	1790		6.9	3.5	mg/Kg	10	02/27/18	MA	SW6010C
Beryllium	0.19	J	0.28	0.14	mg/Kg	1	02/27/18	MA	SW6010C
Calcium	19900		35	32	mg/Kg	10	02/27/18	MA	SW6010C
Cadmium	2.95		0.35	0.35	mg/Kg	1	02/27/18	MA	SW6010C
Cobalt	11.3		0.35	0.35	mg/Kg	1	02/27/18	MA	SW6010C
Chromium	28.2		0.35	0.35	mg/Kg	1	02/27/18	MA	SW6010C
Copper	246		3.5	3.5	mg/kg	10	02/27/18	MA	SW6010C
Iron	113000		350	350	mg/Kg	100	02/27/18	MA	SW6010C
Mercury	0.19		0.14	0.08	mg/Kg	1	02/27/18	RS	SW7471B
Potassium	666		7	2.7	mg/Kg	1	02/27/18	MA	SW6010C
Magnesium	5920		35	35	mg/Kg	10	02/27/18	MA	SW6010C
Manganese	872		3.5	3.5	mg/Kg	10	02/27/18	MA	SW6010C
Sodium	883		7	3.0	mg/Kg	1	02/27/18	MA	SW6010C
Nickel	34.8		0.35	0.35	mg/Kg	1	02/27/18	MA	SW6010C
Lead	1590		69	35	mg/Kg	100	02/27/18	MA	SW6010C
Antimony	2.7		1.7	1.7	mg/Kg	1	02/27/18	MA	SW6010C
Selenium	ND		1.4	1.2	mg/Kg	1	02/27/18	MA	SW6010C
Thallium	ND		1.4	1.4	mg/Kg	1	02/27/18	MA	SW6010C
Vanadium	27.3		0.35	0.35	mg/Kg	1	02/27/18	MA	SW6010C
Zinc	1130		6.9	3.5	mg/Kg	10	02/27/18	MA	SW6010C
Percent Solid	87				%		02/26/18	AP	SW846-%Solid
Soil Extraction for PCB	Completed						03/01/18	JA/V	SW3545A
Soil Extraction for Pesticides	Completed						03/01/18	JA/V	SW3545A
Soil Extraction for SVOA	Completed						02/27/18	JJ/CKV	SW3545A
Mercury Digestion	Completed						02/27/18	I/I	SW7471B

Ver 1

Project ID: BEACH 62ND ST., QUEENS, NY
Client ID: SB 1

Phoenix I.D.: BZ94512

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
Total Metals Digest	Completed					02/26/18	B/X/BF	SW3050B
Polychlorinated Biphenyls								
PCB-1016	ND	76	76	ug/Kg	2	03/02/18	AW	SW8082A
PCB-1221	ND	76	76	ug/Kg	2	03/02/18	AW	SW8082A
PCB-1232	ND	76	76	ug/Kg	2	03/02/18	AW	SW8082A
PCB-1242	ND	76	76	ug/Kg	2	03/02/18	AW	SW8082A
PCB-1248	ND	76	76	ug/Kg	2	03/02/18	AW	SW8082A
PCB-1254	ND	76	76	ug/Kg	2	03/02/18	AW	SW8082A
PCB-1260	ND	76	76	ug/Kg	2	03/02/18	AW	SW8082A
PCB-1262	ND	76	76	ug/Kg	2	03/02/18	AW	SW8082A
PCB-1268	ND	76	76	ug/Kg	2	03/02/18	AW	SW8082A
QA/QC Surrogates								
% DCBP	60			%	2	03/02/18	AW	40 - 140 %
% TCMX	74			%	2	03/02/18	AW	40 - 140 %
Pesticides - Soil								
4,4' -DDD	ND	2.3	2.3	ug/Kg	2	03/02/18	CW	SW8081B
4,4' -DDE	ND	2.3	2.3	ug/Kg	2	03/02/18	CW	SW8081B
4,4' -DDT	ND	2.3	2.3	ug/Kg	2	03/02/18	CW	SW8081B
a-BHC	ND	7.6	7.6	ug/Kg	2	03/02/18	CW	SW8081B
a-Chlordane	ND	3.8	3.8	ug/Kg	2	03/02/18	CW	SW8081B
Aldrin	ND	3.8	3.8	ug/Kg	2	03/02/18	CW	SW8081B
b-BHC	ND	7.6	7.6	ug/Kg	2	03/02/18	CW	SW8081B
Chlordane	ND	38	38	ug/Kg	2	03/02/18	CW	SW8081B
d-BHC	ND	7.6	7.6	ug/Kg	2	03/02/18	CW	SW8081B
Dieldrin	ND	3.8	3.8	ug/Kg	2	03/02/18	CW	SW8081B
Endosulfan I	ND	7.6	7.6	ug/Kg	2	03/02/18	CW	SW8081B
Endosulfan II	ND	7.6	7.6	ug/Kg	2	03/02/18	CW	SW8081B
Endosulfan sulfate	ND	7.6	7.6	ug/Kg	2	03/02/18	CW	SW8081B
Endrin	ND	7.6	7.6	ug/Kg	2	03/02/18	CW	SW8081B
Endrin aldehyde	ND	7.6	7.6	ug/Kg	2	03/02/18	CW	SW8081B
Endrin ketone	ND	7.6	7.6	ug/Kg	2	03/02/18	CW	SW8081B
g-BHC	ND	1.5	1.5	ug/Kg	2	03/02/18	CW	SW8081B
g-Chlordane	ND	3.8	3.8	ug/Kg	2	03/02/18	CW	SW8081B
Heptachlor	ND	7.6	7.6	ug/Kg	2	03/02/18	CW	SW8081B
Heptachlor epoxide	ND	7.6	7.6	ug/Kg	2	03/02/18	CW	SW8081B
Methoxychlor	ND	38	38	ug/Kg	2	03/02/18	CW	SW8081B
Toxaphene	ND	150	150	ug/Kg	2	03/02/18	CW	SW8081B
QA/QC Surrogates								
% DCBP	98			%	2	03/02/18	CW	40 - 140 %
% TCMX	89			%	2	03/02/18	CW	40 - 140 %
Volatiles								
1,1,1,2-Tetrachloroethane	ND	5.9	1.2	ug/Kg	1	03/01/18	JLI	SW8260C
1,1,1-Trichloroethane	ND	5.9	0.59	ug/Kg	1	03/01/18	JLI	SW8260C
1,1,2,2-Tetrachloroethane	ND	5.9	1.2	ug/Kg	1	03/01/18	JLI	SW8260C
1,1,2-Trichloroethane	ND	5.9	1.2	ug/Kg	1	03/01/18	JLI	SW8260C
1,1-Dichloroethane	ND	5.9	1.2	ug/Kg	1	03/01/18	JLI	SW8260C
1,1-Dichloroethene	ND	5.9	0.59	ug/Kg	1	03/01/18	JLI	SW8260C

Project ID: BEACH 62ND ST., QUEENS, NY

Phoenix I.D.: BZ94512

Client ID: SB 1

Parameter	Result		RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference	
1,1-Dichloropropene	ND		5.9	0.59	ug/Kg	1	03/01/18	JLI	SW8260C	
1,2,3-Trichlorobenzene	ND		5.9	1.2	ug/Kg	1	03/01/18	JLI	SW8260C	
1,2,3-Trichloropropane	ND		5.9	0.59	ug/Kg	1	03/01/18	JLI	SW8260C	
1,2,4-Trichlorobenzene	ND		5.9	1.2	ug/Kg	1	03/01/18	JLI	SW8260C	
1,2,4-Trimethylbenzene	ND		5.9	0.59	ug/Kg	1	03/01/18	JLI	SW8260C	
1,2-Dibromo-3-chloropropane	ND		5.9	1.2	ug/Kg	1	03/01/18	JLI	SW8260C	
1,2-Dibromoethane	ND		5.9	0.59	ug/Kg	1	03/01/18	JLI	SW8260C	
1,2-Dichlorobenzene	ND		5.9	0.59	ug/Kg	1	03/01/18	JLI	SW8260C	
1,2-Dichloroethane	ND		5.9	0.59	ug/Kg	1	03/01/18	JLI	SW8260C	
1,2-Dichloropropane	ND		5.9	1.2	ug/Kg	1	03/01/18	JLI	SW8260C	
1,3,5-Trimethylbenzene	ND		5.9	0.59	ug/Kg	1	03/01/18	JLI	SW8260C	
1,3-Dichlorobenzene	ND		5.9	0.59	ug/Kg	1	03/01/18	JLI	SW8260C	
1,3-Dichloropropane	ND		5.9	1.2	ug/Kg	1	03/01/18	JLI	SW8260C	
1,4-Dichlorobenzene	ND		5.9	0.59	ug/Kg	1	03/01/18	JLI	SW8260C	
2,2-Dichloropropane	ND		5.9	0.59	ug/Kg	1	03/01/18	JLI	SW8260C	
2-Chlorotoluene	ND		5.9	1.2	ug/Kg	1	03/01/18	JLI	SW8260C	
2-Hexanone	ND		29	5.9	ug/Kg	1	03/01/18	JLI	SW8260C	
2-Isopropyltoluene	ND		5.9	0.59	ug/Kg	1	03/01/18	JLI	SW8260C	1
4-Chlorotoluene	ND		5.9	0.59	ug/Kg	1	03/01/18	JLI	SW8260C	
4-Methyl-2-pentanone	ND		29	5.9	ug/Kg	1	03/01/18	JLI	SW8260C	
Acetone	10	JS	29	5.9	ug/Kg	1	03/01/18	JLI	SW8260C	
Acrylonitrile	ND		12	1.2	ug/Kg	1	03/01/18	JLI	SW8260C	
Benzene	ND		5.9	0.59	ug/Kg	1	03/01/18	JLI	SW8260C	
Bromobenzene	ND		5.9	0.59	ug/Kg	1	03/01/18	JLI	SW8260C	
Bromochloromethane	ND		5.9	0.59	ug/Kg	1	03/01/18	JLI	SW8260C	
Bromodichloromethane	ND		5.9	1.2	ug/Kg	1	03/01/18	JLI	SW8260C	
Bromoform	ND		5.9	1.2	ug/Kg	1	03/01/18	JLI	SW8260C	
Bromomethane	ND		5.9	2.3	ug/Kg	1	03/01/18	JLI	SW8260C	
Carbon Disulfide	ND		5.9	1.2	ug/Kg	1	03/01/18	JLI	SW8260C	
Carbon tetrachloride	ND		5.9	1.2	ug/Kg	1	03/01/18	JLI	SW8260C	
Chlorobenzene	ND		5.9	0.59	ug/Kg	1	03/01/18	JLI	SW8260C	
Chloroethane	ND		5.9	0.59	ug/Kg	1	03/01/18	JLI	SW8260C	
Chloroform	ND		5.9	0.59	ug/Kg	1	03/01/18	JLI	SW8260C	
Chloromethane	ND		5.9	1.2	ug/Kg	1	03/01/18	JLI	SW8260C	
cis-1,2-Dichloroethene	ND		5.9	0.59	ug/Kg	1	03/01/18	JLI	SW8260C	
cis-1,3-Dichloropropene	ND		5.9	0.59	ug/Kg	1	03/01/18	JLI	SW8260C	
Dibromochloromethane	ND		5.9	1.2	ug/Kg	1	03/01/18	JLI	SW8260C	
Dibromomethane	ND		5.9	1.2	ug/Kg	1	03/01/18	JLI	SW8260C	
Dichlorodifluoromethane	ND		5.9	0.59	ug/Kg	1	03/01/18	JLI	SW8260C	
Ethylbenzene	ND		5.9	0.59	ug/Kg	1	03/01/18	JLI	SW8260C	
Hexachlorobutadiene	ND		5.9	0.59	ug/Kg	1	03/01/18	JLI	SW8260C	
Isopropylbenzene	ND		5.9	0.59	ug/Kg	1	03/01/18	JLI	SW8260C	
m&p-Xylene	ND		5.9	1.2	ug/Kg	1	03/01/18	JLI	SW8260C	
Methyl Ethyl Ketone	ND		35	5.9	ug/Kg	1	03/01/18	JLI	SW8260C	
Methyl t-butyl ether (MTBE)	ND		12	1.2	ug/Kg	1	03/01/18	JLI	SW8260C	
Methylene chloride	ND		5.9	5.9	ug/Kg	1	03/01/18	JLI	SW8260C	
Naphthalene	ND		5.9	1.2	ug/Kg	1	03/01/18	JLI	SW8260C	
n-Butylbenzene	ND		5.9	0.59	ug/Kg	1	03/01/18	JLI	SW8260C	
n-Propylbenzene	ND		5.9	1.2	ug/Kg	1	03/01/18	JLI	SW8260C	

Parameter	Result		RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference	
o-Xylene	ND		5.9	1.2	ug/Kg	1	03/01/18	JLI	SW8260C	
p-Isopropyltoluene	ND		5.9	0.59	ug/Kg	1	03/01/18	JLI	SW8260C	
sec-Butylbenzene	ND		5.9	0.59	ug/Kg	1	03/01/18	JLI	SW8260C	
Styrene	ND		5.9	0.59	ug/Kg	1	03/01/18	JLI	SW8260C	
tert-Butylbenzene	ND		5.9	0.59	ug/Kg	1	03/01/18	JLI	SW8260C	
Tetrachloroethene	1.4	J	5.9	1.2	ug/Kg	1	03/01/18	JLI	SW8260C	
Tetrahydrofuran (THF)	6.4	J	12	2.9	ug/Kg	1	03/01/18	JLI	SW8260C	1
Toluene	ND		5.9	0.59	ug/Kg	1	03/01/18	JLI	SW8260C	
trans-1,2-Dichloroethene	ND		5.9	0.59	ug/Kg	1	03/01/18	JLI	SW8260C	
trans-1,3-Dichloropropene	ND		5.9	0.59	ug/Kg	1	03/01/18	JLI	SW8260C	
trans-1,4-dichloro-2-butene	ND		12	2.9	ug/Kg	1	03/01/18	JLI	SW8260C	
Trichloroethene	ND		5.9	0.59	ug/Kg	1	03/01/18	JLI	SW8260C	
Trichlorofluoromethane	ND		5.9	1.2	ug/Kg	1	03/01/18	JLI	SW8260C	
Trichlorotrifluoroethane	ND		5.9	0.59	ug/Kg	1	03/01/18	JLI	SW8260C	
Vinyl chloride	ND		5.9	0.59	ug/Kg	1	03/01/18	JLI	SW8260C	
QA/QC Surrogates										
% 1,2-dichlorobenzene-d4	97				%	1	03/01/18	JLI	70 - 130 %	
% Bromofluorobenzene	88				%	1	03/01/18	JLI	70 - 130 %	
% Dibromofluoromethane	103				%	1	03/01/18	JLI	70 - 130 %	
% Toluene-d8	88				%	1	03/01/18	JLI	70 - 130 %	
1,4-dioxane										
1,4-dioxane	ND		88	47	ug/kg	1	03/01/18	JLI	SW8260C	
QA/QC Surrogates										
% 1,2-dichlorobenzene-d4	97				%	1	03/01/18	JLI	70 - 130 %	
% Bromofluorobenzene	88				%	1	03/01/18	JLI	70 - 130 %	
% Toluene-d8	88				%	1	03/01/18	JLI	70 - 130 %	
Volatiles										
1,1,1,2-Tetrachloroethane	ND		23	1.2	ug/Kg	1	03/01/18	JLI	SW8260C	
Acrolein	ND		5.9	1.2	ug/Kg	1	03/01/18	JLI	SW8260C	
Acrylonitrile	ND		23	0.59	ug/Kg	1	03/01/18	JLI	SW8260C	
Tert-butyl alcohol	ND		120	23	ug/Kg	1	03/01/18	JLI	SW8260C	
Semivolatiles										
1,2,4,5-Tetrachlorobenzene	ND		270	130	ug/Kg	1	02/27/18	DD	SW8270D	
1,2,4-Trichlorobenzene	ND		270	110	ug/Kg	1	02/27/18	DD	SW8270D	
1,2-Dichlorobenzene	ND		270	110	ug/Kg	1	02/27/18	DD	SW8270D	
1,2-Diphenylhydrazine	ND		270	120	ug/Kg	1	02/27/18	DD	SW8270D	
1,3-Dichlorobenzene	ND		270	110	ug/Kg	1	02/27/18	DD	SW8270D	
1,4-Dichlorobenzene	ND		270	110	ug/Kg	1	02/27/18	DD	SW8270D	
2,4,5-Trichlorophenol	ND		270	210	ug/Kg	1	02/27/18	DD	SW8270D	
2,4,6-Trichlorophenol	ND		190	120	ug/Kg	1	02/27/18	DD	SW8270D	
2,4-Dichlorophenol	ND		190	130	ug/Kg	1	02/27/18	DD	SW8270D	
2,4-Dimethylphenol	ND		270	94	ug/Kg	1	02/27/18	DD	SW8270D	
2,4-Dinitrophenol	ND		270	270	ug/Kg	1	02/27/18	DD	SW8270D	
2,4-Dinitrotoluene	ND		190	150	ug/Kg	1	02/27/18	DD	SW8270D	
2,6-Dinitrotoluene	ND		190	120	ug/Kg	1	02/27/18	DD	SW8270D	
2-Chloronaphthalene	ND		270	110	ug/Kg	1	02/27/18	DD	SW8270D	
2-Chlorophenol	ND		270	110	ug/Kg	1	02/27/18	DD	SW8270D	

Project ID: BEACH 62ND ST., QUEENS, NY
Client ID: SB 1

Phoenix I.D.: BZ94512

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference	
2-Methylnaphthalene	ND	270	110	ug/Kg	1	02/27/18	DD	SW8270D	
2-Methylphenol (o-cresol)	ND	270	180	ug/Kg	1	02/27/18	DD	SW8270D	
2-Nitroaniline	ND	270	270	ug/Kg	1	02/27/18	DD	SW8270D	
2-Nitrophenol	ND	270	240	ug/Kg	1	02/27/18	DD	SW8270D	
3&4-Methylphenol (m&p-cresol)	ND	270	150	ug/Kg	1	02/27/18	DD	SW8270D	1
3,3'-Dichlorobenzidine	ND	190	180	ug/Kg	1	02/27/18	DD	SW8270D	
3-Nitroaniline	ND	380	760	ug/Kg	1	02/27/18	DD	SW8270D	
4,6-Dinitro-2-methylphenol	ND	230	76	ug/Kg	1	02/27/18	DD	SW8270D	
4-Bromophenyl phenyl ether	ND	270	110	ug/Kg	1	02/27/18	DD	SW8270D	
4-Chloro-3-methylphenol	ND	270	130	ug/Kg	1	02/27/18	DD	SW8270D	
4-Chloroaniline	ND	300	180	ug/Kg	1	02/27/18	DD	SW8270D	
4-Chlorophenyl phenyl ether	ND	270	130	ug/Kg	1	02/27/18	DD	SW8270D	
4-Nitroaniline	ND	380	130	ug/Kg	1	02/27/18	DD	SW8270D	
4-Nitrophenol	ND	380	170	ug/Kg	1	02/27/18	DD	SW8270D	
Acenaphthene	ND	270	120	ug/Kg	1	02/27/18	DD	SW8270D	
Acenaphthylene	310	270	110	ug/Kg	1	02/27/18	DD	SW8270D	
Acetophenone	ND	270	120	ug/Kg	1	02/27/18	DD	SW8270D	
Aniline	ND	300	300	ug/Kg	1	02/27/18	DD	SW8270D	
Anthracene	340	270	120	ug/Kg	1	02/27/18	DD	SW8270D	
Benz(a)anthracene	1000	270	130	ug/Kg	1	02/27/18	DD	SW8270D	
Benzidine	ND	380	220	ug/Kg	1	02/27/18	DD	SW8270D	
Benzo(a)pyrene	1200	190	120	ug/Kg	1	02/27/18	DD	SW8270D	
Benzo(b)fluoranthene	1100	270	130	ug/Kg	1	02/27/18	DD	SW8270D	
Benzo(ghi)perylene	1100	270	120	ug/Kg	1	02/27/18	DD	SW8270D	
Benzo(k)fluoranthene	920	270	130	ug/Kg	1	02/27/18	DD	SW8270D	
Benzoic acid	ND	1900	760	ug/Kg	1	02/27/18	DD	SW8270D	
Benzyl butyl phthalate	ND	270	98	ug/Kg	1	02/27/18	DD	SW8270D	
Bis(2-chloroethoxy)methane	ND	270	100	ug/Kg	1	02/27/18	DD	SW8270D	
Bis(2-chloroethyl)ether	ND	190	100	ug/Kg	1	02/27/18	DD	SW8270D	
Bis(2-chloroisopropyl)ether	ND	270	110	ug/Kg	1	02/27/18	DD	SW8270D	
Bis(2-ethylhexyl)phthalate	ND	270	110	ug/Kg	1	02/27/18	DD	SW8270D	
Carbazole	ND	190	150	ug/Kg	1	02/27/18	DD	SW8270D	
Chrysene	1100	270	130	ug/Kg	1	02/27/18	DD	SW8270D	
Dibenz(a,h)anthracene	240	190	120	ug/Kg	1	02/27/18	DD	SW8270D	
Dibenzofuran	ND	270	110	ug/Kg	1	02/27/18	DD	SW8270D	
Diethyl phthalate	ND	270	120	ug/Kg	1	02/27/18	DD	SW8270D	
Dimethylphthalate	ND	270	120	ug/Kg	1	02/27/18	DD	SW8270D	
Di-n-butylphthalate	ND	270	100	ug/Kg	1	02/27/18	DD	SW8270D	
Di-n-octylphthalate	ND	270	98	ug/Kg	1	02/27/18	DD	SW8270D	
Fluoranthene	1600	270	120	ug/Kg	1	02/27/18	DD	SW8270D	
Fluorene	ND	270	130	ug/Kg	1	02/27/18	DD	SW8270D	
Hexachlorobenzene	ND	190	110	ug/Kg	1	02/27/18	DD	SW8270D	
Hexachlorobutadiene	ND	270	140	ug/Kg	1	02/27/18	DD	SW8270D	
Hexachlorocyclopentadiene	ND	270	120	ug/Kg	1	02/27/18	DD	SW8270D	
Hexachloroethane	ND	190	110	ug/Kg	1	02/27/18	DD	SW8270D	
Indeno(1,2,3-cd)pyrene	1100	270	130	ug/Kg	1	02/27/18	DD	SW8270D	
Isophorone	ND	190	110	ug/Kg	1	02/27/18	DD	SW8270D	
Naphthalene	ND	270	110	ug/Kg	1	02/27/18	DD	SW8270D	
Nitrobenzene	ND	190	130	ug/Kg	1	02/27/18	DD	SW8270D	

Project ID: BEACH 62ND ST., QUEENS, NY
Client ID: SB 1

Phoenix I.D.: BZ94512

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference	
N-Nitrosodimethylamine	ND	270	110	ug/Kg	1	02/27/18	DD	SW8270D	
N-Nitrosodi-n-propylamine	ND	190	120	ug/Kg	1	02/27/18	DD	SW8270D	
N-Nitrosodiphenylamine	ND	270	150	ug/Kg	1	02/27/18	DD	SW8270D	
Pentachloronitrobenzene	ND	270	140	ug/Kg	1	02/27/18	DD	SW8270D	
Pentachlorophenol	ND	230	140	ug/Kg	1	02/27/18	DD	SW8270D	
Phenanthrene	940	270	110	ug/Kg	1	02/27/18	DD	SW8270D	
Phenol	ND	270	120	ug/Kg	1	02/27/18	DD	SW8270D	
Pyrene	1600	270	130	ug/Kg	1	02/27/18	DD	SW8270D	
Pyridine	ND	270	93	ug/Kg	1	02/27/18	DD	SW8270D	
QA/QC Surrogates									
% 2,4,6-Tribromophenol	93			%	1	02/27/18	DD	30 - 130 %	
% 2-Fluorobiphenyl	74			%	1	02/27/18	DD	30 - 130 %	
% 2-Fluorophenol	60			%	1	02/27/18	DD	30 - 130 %	
% Nitrobenzene-d5	80			%	1	02/27/18	DD	30 - 130 %	
% Phenol-d5	69			%	1	02/27/18	DD	30 - 130 %	
% Terphenyl-d14	69			%	1	02/27/18	DD	30 - 130 %	
Field Extraction	Completed					02/23/18		SW5035A	1

1 = This parameter is not certified by NY NELAC for this matrix. NY NELAC does not offer certification for all parameters at this time.

RL/PQL=Reporting/Practical Quantitation Level (Equivalent to NELAC LOQ, Limit of Quantitation) ND=Not Detected BRL=Below Reporting Level L=Biased Low J=Estimated Below RL LOD=Limit of Detection MDL=Method Detection Limit1
QA/QC Surrogates: Surrogates are compounds (preceeded with a %) added by the lab to determine analysis efficiency. Surrogate results(%) listed in the report are not "detected" compounds.

Comments:

Per 1.4.6 of EPA method 8270D, 1,2-Diphenylhydrazine is unstable and readily converts to Azobenzene. Azobenzene is used for the calibration of 1,2-Diphenylhydrazine.

Please be advised that the NY 375 soil criteria for chromium are based on hexavalent chromium and trivalent chromium.

All soils, solids and sludges are reported on a dry weight basis unless otherwise noted in the sample comments.

S - Laboratory solvent, contamination is possible.

If there are any questions regarding this data, please call Phoenix Client Services.

Phyllis Shiller, Laboratory Director
March 05, 2018
Reviewed and Released by: Phyllis Shiller, Laboratory Director

Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102 Fax (860) 645-0823

ACCREDITED IN ACCORDANCE WITH nelac NY # 11301

Analysis Report

March 05, 2018

FOR: Attn: Mr. Charles B. Sosik, P.G.
Environmental Business Consultants
1808 Middle Country Rd
Ridge NY 11961-2406

Sample Information		Custody Information		Date	Time
Matrix:	SOIL	Collected by:	HL	02/23/18	
Location Code:	EBC	Received by:	LB	02/26/18	13:20
Rush Request:	72 Hour	Analyzed by:	see "By" below		
P.O.#:					

Laboratory Data

SDG ID: GBZ94512
Phoenix ID: BZ94513

Project ID: BEACH 62ND ST., QUEENS, NY
Client ID: SB 2

Parameter	Result		RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
Silver	ND		0.38	0.38	mg/Kg	1	02/27/18	MA	SW6010C
Aluminum	2850		38	7.7	mg/Kg	10	02/27/18	MA	SW6010C
Arsenic	2.53		0.77	0.77	mg/Kg	1	02/27/18	MA	SW6010C
Barium	77.0		0.8	0.38	mg/Kg	1	02/27/18	MA	SW6010C
Beryllium	0.17	J	0.31	0.15	mg/Kg	1	02/27/18	MA	SW6010C
Calcium	6830		3.8	3.5	mg/Kg	1	02/27/18	MA	SW6010C
Cadmium	ND		0.38	0.38	mg/Kg	1	02/27/18	MA	SW6010C
Cobalt	2.23		0.38	0.38	mg/Kg	1	02/27/18	MA	SW6010C
Chromium	9.24		0.38	0.38	mg/Kg	1	02/27/18	MA	SW6010C
Copper	13.4		0.38	0.38	mg/kg	1	02/27/18	MA	SW6010C
Iron	6180		3.8	3.8	mg/Kg	1	02/27/18	MA	SW6010C
Mercury	0.09	J	0.13	0.08	mg/Kg	1	02/27/18	RS	SW7471B
Potassium	654		8	3.0	mg/Kg	1	02/27/18	MA	SW6010C
Magnesium	2190		3.8	3.8	mg/Kg	1	02/27/18	MA	SW6010C
Manganese	64.1		0.38	0.38	mg/Kg	1	02/27/18	MA	SW6010C
Sodium	135		8	3.3	mg/Kg	1	02/27/18	MA	SW6010C
Nickel	5.42		0.38	0.38	mg/Kg	1	02/27/18	MA	SW6010C
Lead	68.7		0.8	0.38	mg/Kg	1	02/27/18	MA	SW6010C
Antimony	ND		1.9	1.9	mg/Kg	1	02/27/18	MA	SW6010C
Selenium	ND		1.5	1.3	mg/Kg	1	02/27/18	MA	SW6010C
Thallium	ND		1.5	1.5	mg/Kg	1	02/27/18	MA	SW6010C
Vanadium	12.0		0.38	0.38	mg/Kg	1	02/27/18	MA	SW6010C
Zinc	79.1		0.8	0.38	mg/Kg	1	02/27/18	MA	SW6010C
Percent Solid	92				%		02/26/18	AP	SW846-%Solid
Soil Extraction for PCB	Completed						02/27/18	/V	SW3545A
Soil Extraction for Pesticides	Completed						02/27/18	/V	SW3545A
Soil Extraction for SVOA	Completed						02/27/18	JJ/CKV	SW3545A
Mercury Digestion	Completed						02/27/18	I/I	SW7471B

Ver 1

Project ID: BEACH 62ND ST., QUEENS, NY
Client ID: SB 2

Phoenix I.D.: BZ94513

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
Total Metals Digest	Completed					02/26/18	B/X/BF	SW3050B
Polychlorinated Biphenyls								
PCB-1016	ND	72	72	ug/Kg	2	03/01/18	AW	SW8082A
PCB-1221	ND	72	72	ug/Kg	2	03/01/18	AW	SW8082A
PCB-1232	ND	72	72	ug/Kg	2	03/01/18	AW	SW8082A
PCB-1242	ND	72	72	ug/Kg	2	03/01/18	AW	SW8082A
PCB-1248	ND	72	72	ug/Kg	2	03/01/18	AW	SW8082A
PCB-1254	ND	72	72	ug/Kg	2	03/01/18	AW	SW8082A
PCB-1260	ND	72	72	ug/Kg	2	03/01/18	AW	SW8082A
PCB-1262	ND	72	72	ug/Kg	2	03/01/18	AW	SW8082A
PCB-1268	ND	72	72	ug/Kg	2	03/01/18	AW	SW8082A
QA/QC Surrogates								
% DCBP	46			%	2	03/01/18	AW	40 - 140 %
% TCMX	57			%	2	03/01/18	AW	40 - 140 %
Pesticides - Soil								
4,4' -DDD	ND	2.2	2.2	ug/Kg	2	02/28/18	CW	SW8081B
4,4' -DDE	ND	2.2	2.2	ug/Kg	2	02/28/18	CW	SW8081B
4,4' -DDT	ND	2.2	2.2	ug/Kg	2	02/28/18	CW	SW8081B
a-BHC	ND	7.2	7.2	ug/Kg	2	02/28/18	CW	SW8081B
a-Chlordane	ND	3.6	3.6	ug/Kg	2	02/28/18	CW	SW8081B
Aldrin	ND	3.6	3.6	ug/Kg	2	02/28/18	CW	SW8081B
b-BHC	ND	7.2	7.2	ug/Kg	2	02/28/18	CW	SW8081B
Chlordane	ND	36	36	ug/Kg	2	02/28/18	CW	SW8081B
d-BHC	ND	7.2	7.2	ug/Kg	2	02/28/18	CW	SW8081B
Dieldrin	ND	3.6	3.6	ug/Kg	2	02/28/18	CW	SW8081B
Endosulfan I	ND	7.2	7.2	ug/Kg	2	02/28/18	CW	SW8081B
Endosulfan II	ND	7.2	7.2	ug/Kg	2	02/28/18	CW	SW8081B
Endosulfan sulfate	ND	7.2	7.2	ug/Kg	2	02/28/18	CW	SW8081B
Endrin	ND	7.2	7.2	ug/Kg	2	02/28/18	CW	SW8081B
Endrin aldehyde	ND	7.2	7.2	ug/Kg	2	02/28/18	CW	SW8081B
Endrin ketone	ND	7.2	7.2	ug/Kg	2	02/28/18	CW	SW8081B
g-BHC	ND	1.4	1.4	ug/Kg	2	02/28/18	CW	SW8081B
g-Chlordane	ND	3.6	3.6	ug/Kg	2	02/28/18	CW	SW8081B
Heptachlor	ND	7.2	7.2	ug/Kg	2	02/28/18	CW	SW8081B
Heptachlor epoxide	ND	7.2	7.2	ug/Kg	2	02/28/18	CW	SW8081B
Methoxychlor	ND	36	36	ug/Kg	2	02/28/18	CW	SW8081B
Toxaphene	ND	140	140	ug/Kg	2	02/28/18	CW	SW8081B
QA/QC Surrogates								
% DCBP	48			%	2	02/28/18	CW	40 - 140 %
% TCMX	42			%	2	02/28/18	CW	40 - 140 %
Volatiles								
1,1,1,2-Tetrachloroethane	ND	5.8	1.2	ug/Kg	1	03/01/18	JLI	SW8260C
1,1,1-Trichloroethane	ND	5.8	0.58	ug/Kg	1	03/01/18	JLI	SW8260C
1,1,2,2-Tetrachloroethane	ND	5.8	1.2	ug/Kg	1	03/01/18	JLI	SW8260C
1,1,2-Trichloroethane	ND	5.8	1.2	ug/Kg	1	03/01/18	JLI	SW8260C
1,1-Dichloroethane	ND	5.8	1.2	ug/Kg	1	03/01/18	JLI	SW8260C
1,1-Dichloroethene	ND	5.8	0.58	ug/Kg	1	03/01/18	JLI	SW8260C

Project ID: BEACH 62ND ST., QUEENS, NY
Client ID: SB 2

Phoenix I.D.: BZ94513

Parameter	Result		RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference	
1,1-Dichloropropene	ND		5.8	0.58	ug/Kg	1	03/01/18	JLI	SW8260C	
1,2,3-Trichlorobenzene	ND		5.8	1.2	ug/Kg	1	03/01/18	JLI	SW8260C	
1,2,3-Trichloropropane	ND		5.8	0.58	ug/Kg	1	03/01/18	JLI	SW8260C	
1,2,4-Trichlorobenzene	ND		5.8	1.2	ug/Kg	1	03/01/18	JLI	SW8260C	
1,2,4-Trimethylbenzene	ND		5.8	0.58	ug/Kg	1	03/01/18	JLI	SW8260C	
1,2-Dibromo-3-chloropropane	ND		5.8	1.2	ug/Kg	1	03/01/18	JLI	SW8260C	
1,2-Dibromoethane	ND		5.8	0.58	ug/Kg	1	03/01/18	JLI	SW8260C	
1,2-Dichlorobenzene	ND		5.8	0.58	ug/Kg	1	03/01/18	JLI	SW8260C	
1,2-Dichloroethane	ND		5.8	0.58	ug/Kg	1	03/01/18	JLI	SW8260C	
1,2-Dichloropropane	ND		5.8	1.2	ug/Kg	1	03/01/18	JLI	SW8260C	
1,3,5-Trimethylbenzene	ND		5.8	0.58	ug/Kg	1	03/01/18	JLI	SW8260C	
1,3-Dichlorobenzene	ND		5.8	0.58	ug/Kg	1	03/01/18	JLI	SW8260C	
1,3-Dichloropropane	ND		5.8	1.2	ug/Kg	1	03/01/18	JLI	SW8260C	
1,4-Dichlorobenzene	ND		5.8	0.58	ug/Kg	1	03/01/18	JLI	SW8260C	
2,2-Dichloropropane	ND		5.8	0.58	ug/Kg	1	03/01/18	JLI	SW8260C	
2-Chlorotoluene	ND		5.8	1.2	ug/Kg	1	03/01/18	JLI	SW8260C	
2-Hexanone	ND		29	5.8	ug/Kg	1	03/01/18	JLI	SW8260C	
2-Isopropyltoluene	ND		5.8	0.58	ug/Kg	1	03/01/18	JLI	SW8260C	1
4-Chlorotoluene	ND		5.8	0.58	ug/Kg	1	03/01/18	JLI	SW8260C	
4-Methyl-2-pentanone	ND		29	5.8	ug/Kg	1	03/01/18	JLI	SW8260C	
Acetone	27	JS	29	5.8	ug/Kg	1	03/01/18	JLI	SW8260C	
Acrylonitrile	ND		12	1.2	ug/Kg	1	03/01/18	JLI	SW8260C	
Benzene	0.73	J	5.8	0.58	ug/Kg	1	03/01/18	JLI	SW8260C	
Bromobenzene	ND		5.8	0.58	ug/Kg	1	03/01/18	JLI	SW8260C	
Bromochloromethane	ND		5.8	0.58	ug/Kg	1	03/01/18	JLI	SW8260C	
Bromodichloromethane	ND		5.8	1.2	ug/Kg	1	03/01/18	JLI	SW8260C	
Bromoform	ND		5.8	1.2	ug/Kg	1	03/01/18	JLI	SW8260C	
Bromomethane	ND		5.8	2.3	ug/Kg	1	03/01/18	JLI	SW8260C	
Carbon Disulfide	ND		5.8	1.2	ug/Kg	1	03/01/18	JLI	SW8260C	
Carbon tetrachloride	ND		5.8	1.2	ug/Kg	1	03/01/18	JLI	SW8260C	
Chlorobenzene	ND		5.8	0.58	ug/Kg	1	03/01/18	JLI	SW8260C	
Chloroethane	ND		5.8	0.58	ug/Kg	1	03/01/18	JLI	SW8260C	
Chloroform	ND		5.8	0.58	ug/Kg	1	03/01/18	JLI	SW8260C	
Chloromethane	ND		5.8	1.2	ug/Kg	1	03/01/18	JLI	SW8260C	
cis-1,2-Dichloroethene	ND		5.8	0.58	ug/Kg	1	03/01/18	JLI	SW8260C	
cis-1,3-Dichloropropene	ND		5.8	0.58	ug/Kg	1	03/01/18	JLI	SW8260C	
Dibromochloromethane	ND		5.8	1.2	ug/Kg	1	03/01/18	JLI	SW8260C	
Dibromomethane	ND		5.8	1.2	ug/Kg	1	03/01/18	JLI	SW8260C	
Dichlorodifluoromethane	ND		5.8	0.58	ug/Kg	1	03/01/18	JLI	SW8260C	
Ethylbenzene	ND		5.8	0.58	ug/Kg	1	03/01/18	JLI	SW8260C	
Hexachlorobutadiene	ND		5.8	0.58	ug/Kg	1	03/01/18	JLI	SW8260C	
Isopropylbenzene	ND		5.8	0.58	ug/Kg	1	03/01/18	JLI	SW8260C	
m&p-Xylene	ND		5.8	1.2	ug/Kg	1	03/01/18	JLI	SW8260C	
Methyl Ethyl Ketone	ND		35	5.8	ug/Kg	1	03/01/18	JLI	SW8260C	
Methyl t-butyl ether (MTBE)	ND		12	1.2	ug/Kg	1	03/01/18	JLI	SW8260C	
Methylene chloride	ND		5.8	5.8	ug/Kg	1	03/01/18	JLI	SW8260C	
Naphthalene	ND		5.8	1.2	ug/Kg	1	03/01/18	JLI	SW8260C	
n-Butylbenzene	ND		5.8	0.58	ug/Kg	1	03/01/18	JLI	SW8260C	
n-Propylbenzene	ND		5.8	1.2	ug/Kg	1	03/01/18	JLI	SW8260C	

Parameter	Result		RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference	
o-Xylene	ND		5.8	1.2	ug/Kg	1	03/01/18	JLI	SW8260C	
p-Isopropyltoluene	ND		5.8	0.58	ug/Kg	1	03/01/18	JLI	SW8260C	
sec-Butylbenzene	ND		5.8	0.58	ug/Kg	1	03/01/18	JLI	SW8260C	
Styrene	ND		5.8	0.58	ug/Kg	1	03/01/18	JLI	SW8260C	
tert-Butylbenzene	ND		5.8	0.58	ug/Kg	1	03/01/18	JLI	SW8260C	
Tetrachloroethene	ND		5.8	1.2	ug/Kg	1	03/01/18	JLI	SW8260C	
Tetrahydrofuran (THF)	7.0	J	12	2.9	ug/Kg	1	03/01/18	JLI	SW8260C	1
Toluene	0.60	J	5.8	0.58	ug/Kg	1	03/01/18	JLI	SW8260C	
trans-1,2-Dichloroethene	ND		5.8	0.58	ug/Kg	1	03/01/18	JLI	SW8260C	
trans-1,3-Dichloropropene	ND		5.8	0.58	ug/Kg	1	03/01/18	JLI	SW8260C	
trans-1,4-dichloro-2-butene	ND		12	2.9	ug/Kg	1	03/01/18	JLI	SW8260C	
Trichloroethene	ND		5.8	0.58	ug/Kg	1	03/01/18	JLI	SW8260C	
Trichlorofluoromethane	ND		5.8	1.2	ug/Kg	1	03/01/18	JLI	SW8260C	
Trichlorotrifluoroethane	ND		5.8	0.58	ug/Kg	1	03/01/18	JLI	SW8260C	
Vinyl chloride	ND		5.8	0.58	ug/Kg	1	03/01/18	JLI	SW8260C	
QA/QC Surrogates										
% 1,2-dichlorobenzene-d4	103				%	1	03/01/18	JLI	70 - 130 %	
% Bromofluorobenzene	84				%	1	03/01/18	JLI	70 - 130 %	
% Dibromofluoromethane	107				%	1	03/01/18	JLI	70 - 130 %	
% Toluene-d8	88				%	1	03/01/18	JLI	70 - 130 %	
1,4-dioxane										
1,4-dioxane	ND		86	46	ug/kg	1	03/01/18	JLI	SW8260C	
QA/QC Surrogates										
% 1,2-dichlorobenzene-d4	103				%	1	03/01/18	JLI	70 - 130 %	
% Bromofluorobenzene	84				%	1	03/01/18	JLI	70 - 130 %	
% Toluene-d8	88				%	1	03/01/18	JLI	70 - 130 %	
Volatiles										
1,1,1,2-Tetrachloroethane	ND		23	1.2	ug/Kg	1	03/01/18	JLI	SW8260C	
Acrolein	ND		5.8	1.2	ug/Kg	1	03/01/18	JLI	SW8260C	
Acrylonitrile	ND		23	0.58	ug/Kg	1	03/01/18	JLI	SW8260C	
Tert-butyl alcohol	ND		120	23	ug/Kg	1	03/01/18	JLI	SW8260C	
Semivolatiles										
1,2,4,5-Tetrachlorobenzene	ND		250	130	ug/Kg	1	02/27/18	DD	SW8270D	
1,2,4-Trichlorobenzene	ND		250	110	ug/Kg	1	02/27/18	DD	SW8270D	
1,2-Dichlorobenzene	ND		250	100	ug/Kg	1	02/27/18	DD	SW8270D	
1,2-Diphenylhydrazine	ND		250	120	ug/Kg	1	02/27/18	DD	SW8270D	
1,3-Dichlorobenzene	ND		250	110	ug/Kg	1	02/27/18	DD	SW8270D	
1,4-Dichlorobenzene	ND		250	110	ug/Kg	1	02/27/18	DD	SW8270D	
2,4,5-Trichlorophenol	ND		250	200	ug/Kg	1	02/27/18	DD	SW8270D	
2,4,6-Trichlorophenol	ND		180	120	ug/Kg	1	02/27/18	DD	SW8270D	
2,4-Dichlorophenol	ND		180	130	ug/Kg	1	02/27/18	DD	SW8270D	
2,4-Dimethylphenol	ND		250	90	ug/Kg	1	02/27/18	DD	SW8270D	
2,4-Dinitrophenol	ND		250	250	ug/Kg	1	02/27/18	DD	SW8270D	
2,4-Dinitrotoluene	ND		180	140	ug/Kg	1	02/27/18	DD	SW8270D	
2,6-Dinitrotoluene	ND		180	110	ug/Kg	1	02/27/18	DD	SW8270D	
2-Chloronaphthalene	ND		250	100	ug/Kg	1	02/27/18	DD	SW8270D	
2-Chlorophenol	ND		250	100	ug/Kg	1	02/27/18	DD	SW8270D	

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Parameter	Result		RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference	
2-Methylnaphthalene	ND		250	110	ug/Kg	1	02/27/18	DD	SW8270D	
2-Methylphenol (o-cresol)	ND		250	170	ug/Kg	1	02/27/18	DD	SW8270D	
2-Nitroaniline	ND		250	250	ug/Kg	1	02/27/18	DD	SW8270D	
2-Nitrophenol	ND		250	230	ug/Kg	1	02/27/18	DD	SW8270D	
3&4-Methylphenol (m&p-cresol)	ND		250	140	ug/Kg	1	02/27/18	DD	SW8270D	1
3,3'-Dichlorobenzidine	ND		180	170	ug/Kg	1	02/27/18	DD	SW8270D	
3-Nitroaniline	ND		360	720	ug/Kg	1	02/27/18	DD	SW8270D	
4,6-Dinitro-2-methylphenol	ND		220	72	ug/Kg	1	02/27/18	DD	SW8270D	
4-Bromophenyl phenyl ether	ND		250	110	ug/Kg	1	02/27/18	DD	SW8270D	
4-Chloro-3-methylphenol	ND		250	130	ug/Kg	1	02/27/18	DD	SW8270D	
4-Chloroaniline	ND		290	170	ug/Kg	1	02/27/18	DD	SW8270D	
4-Chlorophenyl phenyl ether	ND		250	120	ug/Kg	1	02/27/18	DD	SW8270D	
4-Nitroaniline	ND		360	120	ug/Kg	1	02/27/18	DD	SW8270D	
4-Nitrophenol	ND		360	160	ug/Kg	1	02/27/18	DD	SW8270D	
Acenaphthene	ND		250	110	ug/Kg	1	02/27/18	DD	SW8270D	
Acenaphthylene	ND		250	100	ug/Kg	1	02/27/18	DD	SW8270D	
Acetophenone	ND		250	110	ug/Kg	1	02/27/18	DD	SW8270D	
Aniline	ND		290	290	ug/Kg	1	02/27/18	DD	SW8270D	
Anthracene	ND		250	120	ug/Kg	1	02/27/18	DD	SW8270D	
Benz(a)anthracene	150	J	250	120	ug/Kg	1	02/27/18	DD	SW8270D	
Benzidine	ND		360	210	ug/Kg	1	02/27/18	DD	SW8270D	
Benzo(a)pyrene	220		180	120	ug/Kg	1	02/27/18	DD	SW8270D	
Benzo(b)fluoranthene	180	J	250	120	ug/Kg	1	02/27/18	DD	SW8270D	
Benzo(ghi)perylene	230	J	250	120	ug/Kg	1	02/27/18	DD	SW8270D	
Benzo(k)fluoranthene	200	J	250	120	ug/Kg	1	02/27/18	DD	SW8270D	
Benzoic acid	ND		1800	720	ug/Kg	1	02/27/18	DD	SW8270D	
Benzyl butyl phthalate	ND		250	93	ug/Kg	1	02/27/18	DD	SW8270D	
Bis(2-chloroethoxy)methane	ND		250	100	ug/Kg	1	02/27/18	DD	SW8270D	
Bis(2-chloroethyl)ether	ND		180	98	ug/Kg	1	02/27/18	DD	SW8270D	
Bis(2-chloroisopropyl)ether	ND		250	100	ug/Kg	1	02/27/18	DD	SW8270D	
Bis(2-ethylhexyl)phthalate	ND		250	100	ug/Kg	1	02/27/18	DD	SW8270D	
Carbazole	ND		180	140	ug/Kg	1	02/27/18	DD	SW8270D	
Chrysene	150	J	250	120	ug/Kg	1	02/27/18	DD	SW8270D	
Dibenz(a,h)anthracene	ND		180	120	ug/Kg	1	02/27/18	DD	SW8270D	
Dibenzofuran	ND		250	110	ug/Kg	1	02/27/18	DD	SW8270D	
Diethyl phthalate	ND		250	110	ug/Kg	1	02/27/18	DD	SW8270D	
Dimethylphthalate	ND		250	110	ug/Kg	1	02/27/18	DD	SW8270D	
Di-n-butylphthalate	ND		250	96	ug/Kg	1	02/27/18	DD	SW8270D	
Di-n-octylphthalate	ND		250	93	ug/Kg	1	02/27/18	DD	SW8270D	
Fluoranthene	220	J	250	120	ug/Kg	1	02/27/18	DD	SW8270D	
Fluorene	ND		250	120	ug/Kg	1	02/27/18	DD	SW8270D	
Hexachlorobenzene	ND		180	110	ug/Kg	1	02/27/18	DD	SW8270D	
Hexachlorobutadiene	ND		250	130	ug/Kg	1	02/27/18	DD	SW8270D	
Hexachlorocyclopentadiene	ND		250	110	ug/Kg	1	02/27/18	DD	SW8270D	
Hexachloroethane	ND		180	110	ug/Kg	1	02/27/18	DD	SW8270D	
Indeno(1,2,3-cd)pyrene	240	J	250	120	ug/Kg	1	02/27/18	DD	SW8270D	
Isophorone	ND		180	100	ug/Kg	1	02/27/18	DD	SW8270D	
Naphthalene	ND		250	100	ug/Kg	1	02/27/18	DD	SW8270D	
Nitrobenzene	ND		180	130	ug/Kg	1	02/27/18	DD	SW8270D	

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Phoenix I.D.: BZ94513

Parameter	Result		RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference	
N-Nitrosodimethylamine	ND		250	100	ug/Kg	1	02/27/18	DD	SW8270D	
N-Nitrosodi-n-propylamine	ND		180	120	ug/Kg	1	02/27/18	DD	SW8270D	
N-Nitrosodiphenylamine	ND		250	140	ug/Kg	1	02/27/18	DD	SW8270D	
Pentachloronitrobenzene	ND		250	130	ug/Kg	1	02/27/18	DD	SW8270D	
Pentachlorophenol	ND		220	140	ug/Kg	1	02/27/18	DD	SW8270D	
Phenanthrene	ND		250	100	ug/Kg	1	02/27/18	DD	SW8270D	
Phenol	ND		250	120	ug/Kg	1	02/27/18	DD	SW8270D	
Pyrene	220	J	250	120	ug/Kg	1	02/27/18	DD	SW8270D	
Pyridine	ND		250	89	ug/Kg	1	02/27/18	DD	SW8270D	
QA/QC Surrogates										
% 2,4,6-Tribromophenol	60				%	1	02/27/18	DD	30 - 130 %	
% 2-Fluorobiphenyl	48				%	1	02/27/18	DD	30 - 130 %	
% 2-Fluorophenol	37				%	1	02/27/18	DD	30 - 130 %	
% Nitrobenzene-d5	50				%	1	02/27/18	DD	30 - 130 %	
% Phenol-d5	44				%	1	02/27/18	DD	30 - 130 %	
% Terphenyl-d14	48				%	1	02/27/18	DD	30 - 130 %	
Field Extraction	Completed						02/23/18		SW5035A	1

1 = This parameter is not certified by NY NELAC for this matrix. NY NELAC does not offer certification for all parameters at this time.

RL/PQL=Reporting/Practical Quantitation Level (Equivalent to NELAC LOQ, Limit of Quantitation) ND=Not Detected BRL=Below Reporting Level L=Biased Low J=Estimated Below RL LOD=Limit of Detection MDL=Method Detection Limit1
QA/QC Surrogates: Surrogates are compounds (preceeded with a %) added by the lab to determine analysis efficiency. Surrogate results(%) listed in the report are not "detected" compounds.

Comments:

Per 1.4.6 of EPA method 8270D, 1,2-Diphenylhydrazine is unstable and readily converts to Azobenzene. Azobenzene is used for the calibration of 1,2-Diphenylhydrazine.

Please be advised that the NY 375 soil criteria for chromium are based on hexavalent chromium and trivalent chromium.

All soils, solids and sludges are reported on a dry weight basis unless otherwise noted in the sample comments.

S - Laboratory solvent, contamination is possible.

If there are any questions regarding this data, please call Phoenix Client Services.
This report must not be reproduced except in full as defined by the attached chain of custody.

Phyllis Shiller, Laboratory Director
March 05, 2018
Reviewed and Released by: Phyllis Shiller, Laboratory Director

Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102 Fax (860) 645-0823

ACCREDITED IN ACCORDANCE WITH nelac NY # 11301

Analysis Report

March 05, 2018

FOR: Attn: Mr. Charles B. Sosik, P.G.
Environmental Business Consultants
1808 Middle Country Rd
Ridge NY 11961-2406

Sample Information		Custody Information		Date	Time
Matrix:	SOIL	Collected by:	HL	02/23/18	
Location Code:	EBC	Received by:	LB	02/26/18	13:20
Rush Request:	72 Hour	Analyzed by:	see "By" below		
P.O.#:					

Laboratory Data

SDG ID: GBZ94512
Phoenix ID: BZ94514

Project ID: BEACH 62ND ST., QUEENS, NY
Client ID: SB 3

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
Silver	ND	0.36	0.36	mg/Kg	1	02/27/18	MA	SW6010C
Aluminum	2460	36	7.1	mg/Kg	10	02/27/18	MA	SW6010C
Arsenic	1.84	0.71	0.71	mg/Kg	1	02/27/18	MA	SW6010C
Barium	45.1	0.7	0.36	mg/Kg	1	02/27/18	MA	SW6010C
Beryllium	ND	0.28	0.14	mg/Kg	1	02/27/18	MA	SW6010C
Calcium	3570	3.6	3.3	mg/Kg	1	02/27/18	MA	SW6010C
Cadmium	ND	0.36	0.36	mg/Kg	1	02/27/18	MA	SW6010C
Cobalt	2.18	0.36	0.36	mg/Kg	1	02/27/18	MA	SW6010C
Chromium	9.05	0.36	0.36	mg/Kg	1	02/27/18	MA	SW6010C
Copper	21.0	0.36	0.36	mg/kg	1	02/27/18	MA	SW6010C
Iron	6330	3.6	3.6	mg/Kg	1	02/27/18	MA	SW6010C
Mercury	0.23	0.15	0.09	mg/Kg	1	02/27/18	RS	SW7471B
Potassium	454	7	2.8	mg/Kg	1	02/27/18	MA	SW6010C
Magnesium	2220	3.6	3.6	mg/Kg	1	02/27/18	MA	SW6010C
Manganese	72.5	0.36	0.36	mg/Kg	1	02/27/18	MA	SW6010C
Sodium	88	7	3.1	mg/Kg	1	02/27/18	MA	SW6010C
Nickel	6.22	0.36	0.36	mg/Kg	1	02/27/18	MA	SW6010C
Lead	80.7	0.7	0.36	mg/Kg	1	02/27/18	MA	SW6010C
Antimony	ND	1.8	1.8	mg/Kg	1	02/27/18	MA	SW6010C
Selenium	ND	1.4	1.2	mg/Kg	1	02/27/18	MA	SW6010C
Thallium	ND	1.4	1.4	mg/Kg	1	02/27/18	MA	SW6010C
Vanadium	13.0	0.36	0.36	mg/Kg	1	02/27/18	MA	SW6010C
Zinc	74.3	0.7	0.36	mg/Kg	1	02/27/18	MA	SW6010C
Percent Solid	89			%		02/26/18	AP	SW846-%Solid
Soil Extraction for PCB	Completed					02/27/18	/V	SW3545A
Soil Extraction for Pesticides	Completed					02/27/18	/V	SW3545A
Soil Extraction for SVOA	Completed					02/27/18	JJ/CKV	SW3545A
Mercury Digestion	Completed					02/27/18	I/I	SW7471B

Ver 1

Project ID: BEACH 62ND ST., QUEENS, NY
Client ID: SB 3

Phoenix I.D.: BZ94514

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
Total Metals Digest	Completed					02/26/18	B/X/BF	SW3050B
Polychlorinated Biphenyls								
PCB-1016	ND	74	74	ug/Kg	2	03/01/18	AW	SW8082A
PCB-1221	ND	74	74	ug/Kg	2	03/01/18	AW	SW8082A
PCB-1232	ND	74	74	ug/Kg	2	03/01/18	AW	SW8082A
PCB-1242	ND	74	74	ug/Kg	2	03/01/18	AW	SW8082A
PCB-1248	ND	74	74	ug/Kg	2	03/01/18	AW	SW8082A
PCB-1254	ND	74	74	ug/Kg	2	03/01/18	AW	SW8082A
PCB-1260	ND	74	74	ug/Kg	2	03/01/18	AW	SW8082A
PCB-1262	ND	74	74	ug/Kg	2	03/01/18	AW	SW8082A
PCB-1268	ND	74	74	ug/Kg	2	03/01/18	AW	SW8082A
QA/QC Surrogates								
% DCBP	71			%	2	03/01/18	AW	40 - 140 %
% TCMX	65			%	2	03/01/18	AW	40 - 140 %
Pesticides - Soil								
4,4' -DDD	ND	2.2	2.2	ug/Kg	2	03/01/18	CW	SW8081B
4,4' -DDE	ND	2.2	2.2	ug/Kg	2	03/01/18	CW	SW8081B
4,4' -DDT	9.5	2.2	2.2	ug/Kg	2	03/01/18	CW	SW8081B
a-BHC	ND	7.4	7.4	ug/Kg	2	03/01/18	CW	SW8081B
a-Chlordane	9.3	3.7	3.7	ug/Kg	2	03/01/18	CW	SW8081B
Aldrin	ND	3.7	3.7	ug/Kg	2	03/01/18	CW	SW8081B
b-BHC	ND	7.4	7.4	ug/Kg	2	03/01/18	CW	SW8081B
Chlordane	ND	37	37	ug/Kg	2	03/01/18	CW	SW8081B
d-BHC	ND	7.4	7.4	ug/Kg	2	03/01/18	CW	SW8081B
Dieldrin	ND	3.7	3.7	ug/Kg	2	03/01/18	CW	SW8081B
Endosulfan I	ND	7.4	7.4	ug/Kg	2	03/01/18	CW	SW8081B
Endosulfan II	ND	7.4	7.4	ug/Kg	2	03/01/18	CW	SW8081B
Endosulfan sulfate	ND	7.4	7.4	ug/Kg	2	03/01/18	CW	SW8081B
Endrin	ND	7.4	7.4	ug/Kg	2	03/01/18	CW	SW8081B
Endrin aldehyde	ND	7.4	7.4	ug/Kg	2	03/01/18	CW	SW8081B
Endrin ketone	ND	7.4	7.4	ug/Kg	2	03/01/18	CW	SW8081B
g-BHC	ND	1.5	1.5	ug/Kg	2	03/01/18	CW	SW8081B
g-Chlordane	5.3	3.7	3.7	ug/Kg	2	03/01/18	CW	SW8081B
Heptachlor	ND	7.4	7.4	ug/Kg	2	03/01/18	CW	SW8081B
Heptachlor epoxide	ND	7.4	7.4	ug/Kg	2	03/01/18	CW	SW8081B
Methoxychlor	ND	37	37	ug/Kg	2	03/01/18	CW	SW8081B
Toxaphene	ND	150	150	ug/Kg	2	03/01/18	CW	SW8081B
QA/QC Surrogates								
% DCBP	76			%	2	03/01/18	CW	40 - 140 %
% TCMX	58			%	2	03/01/18	CW	40 - 140 %
Volatiles								
1,1,1,2-Tetrachloroethane	ND	5.7	1.1	ug/Kg	1	03/01/18	JLI	SW8260C
1,1,1-Trichloroethane	ND	5.7	0.57	ug/Kg	1	03/01/18	JLI	SW8260C
1,1,2,2-Tetrachloroethane	ND	5.7	1.1	ug/Kg	1	03/01/18	JLI	SW8260C
1,1,2-Trichloroethane	ND	5.7	1.1	ug/Kg	1	03/01/18	JLI	SW8260C
1,1-Dichloroethane	ND	5.7	1.1	ug/Kg	1	03/01/18	JLI	SW8260C
1,1-Dichloroethene	ND	5.7	0.57	ug/Kg	1	03/01/18	JLI	SW8260C

Project ID: BEACH 62ND ST., QUEENS, NY

Phoenix I.D.: BZ94514

Client ID: SB 3

Parameter	Result		RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference	
1,1-Dichloropropene	ND		5.7	0.57	ug/Kg	1	03/01/18	JLI	SW8260C	
1,2,3-Trichlorobenzene	ND		5.7	1.1	ug/Kg	1	03/01/18	JLI	SW8260C	
1,2,3-Trichloropropane	ND		5.7	0.57	ug/Kg	1	03/01/18	JLI	SW8260C	
1,2,4-Trichlorobenzene	ND		5.7	1.1	ug/Kg	1	03/01/18	JLI	SW8260C	
1,2,4-Trimethylbenzene	ND		5.7	0.57	ug/Kg	1	03/01/18	JLI	SW8260C	
1,2-Dibromo-3-chloropropane	ND		5.7	1.1	ug/Kg	1	03/01/18	JLI	SW8260C	
1,2-Dibromoethane	ND		5.7	0.57	ug/Kg	1	03/01/18	JLI	SW8260C	
1,2-Dichlorobenzene	ND		5.7	0.57	ug/Kg	1	03/01/18	JLI	SW8260C	
1,2-Dichloroethane	ND		5.7	0.57	ug/Kg	1	03/01/18	JLI	SW8260C	
1,2-Dichloropropane	ND		5.7	1.1	ug/Kg	1	03/01/18	JLI	SW8260C	
1,3,5-Trimethylbenzene	ND		5.7	0.57	ug/Kg	1	03/01/18	JLI	SW8260C	
1,3-Dichlorobenzene	ND		5.7	0.57	ug/Kg	1	03/01/18	JLI	SW8260C	
1,3-Dichloropropane	ND		5.7	1.1	ug/Kg	1	03/01/18	JLI	SW8260C	
1,4-Dichlorobenzene	ND		5.7	0.57	ug/Kg	1	03/01/18	JLI	SW8260C	
2,2-Dichloropropane	ND		5.7	0.57	ug/Kg	1	03/01/18	JLI	SW8260C	
2-Chlorotoluene	ND		5.7	1.1	ug/Kg	1	03/01/18	JLI	SW8260C	
2-Hexanone	ND		28	5.7	ug/Kg	1	03/01/18	JLI	SW8260C	
2-Isopropyltoluene	ND		5.7	0.57	ug/Kg	1	03/01/18	JLI	SW8260C	1
4-Chlorotoluene	ND		5.7	0.57	ug/Kg	1	03/01/18	JLI	SW8260C	
4-Methyl-2-pentanone	ND		28	5.7	ug/Kg	1	03/01/18	JLI	SW8260C	
Acetone	14	JS	28	5.7	ug/Kg	1	03/01/18	JLI	SW8260C	
Acrylonitrile	ND		11	1.1	ug/Kg	1	03/01/18	JLI	SW8260C	
Benzene	ND		5.7	0.57	ug/Kg	1	03/01/18	JLI	SW8260C	
Bromobenzene	ND		5.7	0.57	ug/Kg	1	03/01/18	JLI	SW8260C	
Bromochloromethane	ND		5.7	0.57	ug/Kg	1	03/01/18	JLI	SW8260C	
Bromodichloromethane	ND		5.7	1.1	ug/Kg	1	03/01/18	JLI	SW8260C	
Bromoform	ND		5.7	1.1	ug/Kg	1	03/01/18	JLI	SW8260C	
Bromomethane	ND		5.7	2.3	ug/Kg	1	03/01/18	JLI	SW8260C	
Carbon Disulfide	ND		5.7	1.1	ug/Kg	1	03/01/18	JLI	SW8260C	
Carbon tetrachloride	ND		5.7	1.1	ug/Kg	1	03/01/18	JLI	SW8260C	
Chlorobenzene	ND		5.7	0.57	ug/Kg	1	03/01/18	JLI	SW8260C	
Chloroethane	ND		5.7	0.57	ug/Kg	1	03/01/18	JLI	SW8260C	
Chloroform	ND		5.7	0.57	ug/Kg	1	03/01/18	JLI	SW8260C	
Chloromethane	ND		5.7	1.1	ug/Kg	1	03/01/18	JLI	SW8260C	
cis-1,2-Dichloroethene	ND		5.7	0.57	ug/Kg	1	03/01/18	JLI	SW8260C	
cis-1,3-Dichloropropene	ND		5.7	0.57	ug/Kg	1	03/01/18	JLI	SW8260C	
Dibromochloromethane	ND		5.7	1.1	ug/Kg	1	03/01/18	JLI	SW8260C	
Dibromomethane	ND		5.7	1.1	ug/Kg	1	03/01/18	JLI	SW8260C	
Dichlorodifluoromethane	ND		5.7	0.57	ug/Kg	1	03/01/18	JLI	SW8260C	
Ethylbenzene	ND		5.7	0.57	ug/Kg	1	03/01/18	JLI	SW8260C	
Hexachlorobutadiene	ND		5.7	0.57	ug/Kg	1	03/01/18	JLI	SW8260C	
Isopropylbenzene	ND		5.7	0.57	ug/Kg	1	03/01/18	JLI	SW8260C	
m&p-Xylene	ND		5.7	1.1	ug/Kg	1	03/01/18	JLI	SW8260C	
Methyl Ethyl Ketone	ND		34	5.7	ug/Kg	1	03/01/18	JLI	SW8260C	
Methyl t-butyl ether (MTBE)	ND		11	1.1	ug/Kg	1	03/01/18	JLI	SW8260C	
Methylene chloride	ND		5.7	5.7	ug/Kg	1	03/01/18	JLI	SW8260C	
Naphthalene	1.7	J	5.7	1.1	ug/Kg	1	03/01/18	JLI	SW8260C	
n-Butylbenzene	ND		5.7	0.57	ug/Kg	1	03/01/18	JLI	SW8260C	
n-Propylbenzene	ND		5.7	1.1	ug/Kg	1	03/01/18	JLI	SW8260C	

Parameter	Result		RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference	
o-Xylene	ND		5.7	1.1	ug/Kg	1	03/01/18	JLI	SW8260C	
p-Isopropyltoluene	ND		5.7	0.57	ug/Kg	1	03/01/18	JLI	SW8260C	
sec-Butylbenzene	ND		5.7	0.57	ug/Kg	1	03/01/18	JLI	SW8260C	
Styrene	ND		5.7	0.57	ug/Kg	1	03/01/18	JLI	SW8260C	
tert-Butylbenzene	ND		5.7	0.57	ug/Kg	1	03/01/18	JLI	SW8260C	
Tetrachloroethene	ND		5.7	1.1	ug/Kg	1	03/01/18	JLI	SW8260C	
Tetrahydrofuran (THF)	5.9	J	11	2.8	ug/Kg	1	03/01/18	JLI	SW8260C	1
Toluene	ND		5.7	0.57	ug/Kg	1	03/01/18	JLI	SW8260C	
trans-1,2-Dichloroethene	ND		5.7	0.57	ug/Kg	1	03/01/18	JLI	SW8260C	
trans-1,3-Dichloropropene	ND		5.7	0.57	ug/Kg	1	03/01/18	JLI	SW8260C	
trans-1,4-dichloro-2-butene	ND		11	2.8	ug/Kg	1	03/01/18	JLI	SW8260C	
Trichloroethene	ND		5.7	0.57	ug/Kg	1	03/01/18	JLI	SW8260C	
Trichlorofluoromethane	ND		5.7	1.1	ug/Kg	1	03/01/18	JLI	SW8260C	
Trichlorotrifluoroethane	ND		5.7	0.57	ug/Kg	1	03/01/18	JLI	SW8260C	
Vinyl chloride	ND		5.7	0.57	ug/Kg	1	03/01/18	JLI	SW8260C	
QA/QC Surrogates										
% 1,2-dichlorobenzene-d4	94				%	1	03/01/18	JLI	70 - 130 %	
% Bromofluorobenzene	92				%	1	03/01/18	JLI	70 - 130 %	
% Dibromofluoromethane	102				%	1	03/01/18	JLI	70 - 130 %	
% Toluene-d8	90				%	1	03/01/18	JLI	70 - 130 %	
1,4-dioxane										
1,4-dioxane	ND		85	45	ug/kg	1	03/01/18	JLI	SW8260C	
QA/QC Surrogates										
% 1,2-dichlorobenzene-d4	94				%	1	03/01/18	JLI	70 - 130 %	
% Bromofluorobenzene	92				%	1	03/01/18	JLI	70 - 130 %	
% Toluene-d8	90				%	1	03/01/18	JLI	70 - 130 %	
Volatiles										
1,1,1,2-Tetrachloroethane	ND		23	1.1	ug/Kg	1	03/01/18	JLI	SW8260C	
Acrolein	ND		5.7	1.1	ug/Kg	1	03/01/18	JLI	SW8260C	
Acrylonitrile	ND		23	0.57	ug/Kg	1	03/01/18	JLI	SW8260C	
Tert-butyl alcohol	ND		110	23	ug/Kg	1	03/01/18	JLI	SW8260C	
Semivolatiles										
1,2,4,5-Tetrachlorobenzene	ND		260	130	ug/Kg	1	02/27/18	DD	SW8270D	
1,2,4-Trichlorobenzene	ND		260	110	ug/Kg	1	02/27/18	DD	SW8270D	
1,2-Dichlorobenzene	ND		260	100	ug/Kg	1	02/27/18	DD	SW8270D	
1,2-Diphenylhydrazine	ND		260	120	ug/Kg	1	02/27/18	DD	SW8270D	
1,3-Dichlorobenzene	ND		260	110	ug/Kg	1	02/27/18	DD	SW8270D	
1,4-Dichlorobenzene	ND		260	110	ug/Kg	1	02/27/18	DD	SW8270D	
2,4,5-Trichlorophenol	ND		260	200	ug/Kg	1	02/27/18	DD	SW8270D	
2,4,6-Trichlorophenol	ND		180	120	ug/Kg	1	02/27/18	DD	SW8270D	
2,4-Dichlorophenol	ND		180	130	ug/Kg	1	02/27/18	DD	SW8270D	
2,4-Dimethylphenol	ND		260	91	ug/Kg	1	02/27/18	DD	SW8270D	
2,4-Dinitrophenol	ND		260	260	ug/Kg	1	02/27/18	DD	SW8270D	
2,4-Dinitrotoluene	ND		180	150	ug/Kg	1	02/27/18	DD	SW8270D	
2,6-Dinitrotoluene	ND		180	120	ug/Kg	1	02/27/18	DD	SW8270D	
2-Chloronaphthalene	ND		260	100	ug/Kg	1	02/27/18	DD	SW8270D	
2-Chlorophenol	ND		260	100	ug/Kg	1	02/27/18	DD	SW8270D	

Project ID: BEACH 62ND ST., QUEENS, NY
Client ID: SB 3

Phoenix I.D.: BZ94514

Parameter	Result		RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference	
2-Methylnaphthalene	ND		260	110	ug/Kg	1	02/27/18	DD	SW8270D	
2-Methylphenol (o-cresol)	ND		260	170	ug/Kg	1	02/27/18	DD	SW8270D	
2-Nitroaniline	ND		260	260	ug/Kg	1	02/27/18	DD	SW8270D	
2-Nitrophenol	ND		260	230	ug/Kg	1	02/27/18	DD	SW8270D	
3&4-Methylphenol (m&p-cresol)	ND		260	150	ug/Kg	1	02/27/18	DD	SW8270D	1
3,3'-Dichlorobenzidine	ND		180	170	ug/Kg	1	02/27/18	DD	SW8270D	
3-Nitroaniline	ND		370	740	ug/Kg	1	02/27/18	DD	SW8270D	
4,6-Dinitro-2-methylphenol	ND		220	74	ug/Kg	1	02/27/18	DD	SW8270D	
4-Bromophenyl phenyl ether	ND		260	110	ug/Kg	1	02/27/18	DD	SW8270D	
4-Chloro-3-methylphenol	ND		260	130	ug/Kg	1	02/27/18	DD	SW8270D	
4-Chloroaniline	ND		290	170	ug/Kg	1	02/27/18	DD	SW8270D	
4-Chlorophenyl phenyl ether	ND		260	120	ug/Kg	1	02/27/18	DD	SW8270D	
4-Nitroaniline	ND		370	120	ug/Kg	1	02/27/18	DD	SW8270D	
4-Nitrophenol	ND		370	170	ug/Kg	1	02/27/18	DD	SW8270D	
Acenaphthene	ND		260	110	ug/Kg	1	02/27/18	DD	SW8270D	
Acenaphthylene	150	J	260	100	ug/Kg	1	02/27/18	DD	SW8270D	
Acetophenone	ND		260	110	ug/Kg	1	02/27/18	DD	SW8270D	
Aniline	ND		290	290	ug/Kg	1	02/27/18	DD	SW8270D	
Anthracene	370		260	120	ug/Kg	1	02/27/18	DD	SW8270D	
Benz(a)anthracene	690		260	120	ug/Kg	1	02/27/18	DD	SW8270D	
Benzidine	ND		370	220	ug/Kg	1	02/27/18	DD	SW8270D	
Benzo(a)pyrene	540		180	120	ug/Kg	1	02/27/18	DD	SW8270D	
Benzo(b)fluoranthene	510		260	130	ug/Kg	1	02/27/18	DD	SW8270D	
Benzo(ghi)perylene	340		260	120	ug/Kg	1	02/27/18	DD	SW8270D	
Benzo(k)fluoranthene	510		260	120	ug/Kg	1	02/27/18	DD	SW8270D	
Benzoic acid	ND		1800	740	ug/Kg	1	02/27/18	DD	SW8270D	
Benzyl butyl phthalate	ND		260	95	ug/Kg	1	02/27/18	DD	SW8270D	
Bis(2-chloroethoxy)methane	ND		260	100	ug/Kg	1	02/27/18	DD	SW8270D	
Bis(2-chloroethyl)ether	ND		180	99	ug/Kg	1	02/27/18	DD	SW8270D	
Bis(2-chloroisopropyl)ether	ND		260	100	ug/Kg	1	02/27/18	DD	SW8270D	
Bis(2-ethylhexyl)phthalate	ND		260	110	ug/Kg	1	02/27/18	DD	SW8270D	
Carbazole	ND		180	150	ug/Kg	1	02/27/18	DD	SW8270D	
Chrysene	670		260	120	ug/Kg	1	02/27/18	DD	SW8270D	
Dibenz(a,h)anthracene	130	J	180	120	ug/Kg	1	02/27/18	DD	SW8270D	
Dibenzofuran	ND		260	110	ug/Kg	1	02/27/18	DD	SW8270D	
Diethyl phthalate	ND		260	120	ug/Kg	1	02/27/18	DD	SW8270D	
Dimethylphthalate	ND		260	110	ug/Kg	1	02/27/18	DD	SW8270D	
Di-n-butylphthalate	ND		260	98	ug/Kg	1	02/27/18	DD	SW8270D	
Di-n-octylphthalate	ND		260	95	ug/Kg	1	02/27/18	DD	SW8270D	
Fluoranthene	1600		260	120	ug/Kg	1	02/27/18	DD	SW8270D	
Fluorene	210	J	260	120	ug/Kg	1	02/27/18	DD	SW8270D	
Hexachlorobenzene	ND		180	110	ug/Kg	1	02/27/18	DD	SW8270D	
Hexachlorobutadiene	ND		260	130	ug/Kg	1	02/27/18	DD	SW8270D	
Hexachlorocyclopentadiene	ND		260	110	ug/Kg	1	02/27/18	DD	SW8270D	
Hexachloroethane	ND		180	110	ug/Kg	1	02/27/18	DD	SW8270D	
Indeno(1,2,3-cd)pyrene	390		260	120	ug/Kg	1	02/27/18	DD	SW8270D	
Isophorone	ND		180	100	ug/Kg	1	02/27/18	DD	SW8270D	
Naphthalene	ND		260	110	ug/Kg	1	02/27/18	DD	SW8270D	
Nitrobenzene	ND		180	130	ug/Kg	1	02/27/18	DD	SW8270D	

Project ID: BEACH 62ND ST., QUEENS, NY
Client ID: SB 3

Phoenix I.D.: BZ94514

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference	
N-Nitrosodimethylamine	ND	260	100	ug/Kg	1	02/27/18	DD	SW8270D	
N-Nitrosodi-n-propylamine	ND	180	120	ug/Kg	1	02/27/18	DD	SW8270D	
N-Nitrosodiphenylamine	ND	260	140	ug/Kg	1	02/27/18	DD	SW8270D	
Pentachloronitrobenzene	ND	260	140	ug/Kg	1	02/27/18	DD	SW8270D	
Pentachlorophenol	ND	220	140	ug/Kg	1	02/27/18	DD	SW8270D	
Phenanthrene	1400	260	110	ug/Kg	1	02/27/18	DD	SW8270D	
Phenol	ND	260	120	ug/Kg	1	02/27/18	DD	SW8270D	
Pyrene	1200	260	130	ug/Kg	1	02/27/18	DD	SW8270D	
Pyridine	ND	260	91	ug/Kg	1	02/27/18	DD	SW8270D	
QA/QC Surrogates									
% 2,4,6-Tribromophenol	89			%	1	02/27/18	DD	30 - 130 %	
% 2-Fluorobiphenyl	70			%	1	02/27/18	DD	30 - 130 %	
% 2-Fluorophenol	53			%	1	02/27/18	DD	30 - 130 %	
% Nitrobenzene-d5	71			%	1	02/27/18	DD	30 - 130 %	
% Phenol-d5	64			%	1	02/27/18	DD	30 - 130 %	
% Terphenyl-d14	70			%	1	02/27/18	DD	30 - 130 %	
Field Extraction	Completed					02/23/18		SW5035A	1

1 = This parameter is not certified by NY NELAC for this matrix. NY NELAC does not offer certification for all parameters at this time.

RL/PQL=Reporting/Practical Quantitation Level (Equivalent to NELAC LOQ, Limit of Quantitation) ND=Not Detected BRL=Below Reporting Level L=Biased Low J=Estimated Below RL LOD=Limit of Detection MDL=Method Detection Limit1
QA/QC Surrogates: Surrogates are compounds (preceeded with a %) added by the lab to determine analysis efficiency. Surrogate results(%) listed in the report are not "detected" compounds.

Comments:

Per 1.4.6 of EPA method 8270D, 1,2-Diphenylhydrazine is unstable and readily converts to Azobenzene. Azobenzene is used for the calibration of 1,2-Diphenylhydrazine.

Please be advised that the NY 375 soil criteria for chromium are based on hexavalent chromium and trivalent chromium.

All soils, solids and sludges are reported on a dry weight basis unless otherwise noted in the sample comments.

S - Laboratory solvent, contamination is possible.

If there are any questions regarding this data, please call Phoenix Client Services.
This report must not be reproduced except in full as defined by the attached chain of custody.

Phyllis Shiller, Laboratory Director
March 05, 2018
Reviewed and Released by: Phyllis Shiller, Laboratory Director

Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102 Fax (860) 645-0823

ACCREDITED IN ACCORDANCE WITH nelac NY # 11301

Analysis Report

March 05, 2018

FOR: Attn: Mr. Charles B. Sosik, P.G.
Environmental Business Consultants
1808 Middle Country Rd
Ridge NY 11961-2406

Sample Information		Custody Information		Date	Time
Matrix:	SOIL	Collected by:	HL	02/23/18	
Location Code:	EBC	Received by:	LB	02/26/18	13:20
Rush Request:	72 Hour	Analyzed by:	see "By" below		
P.O.#:					

Laboratory Data

SDG ID: GBZ94512
Phoenix ID: BZ94515

Project ID: BEACH 62ND ST., QUEENS, NY
Client ID: SB 4

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
Silver	4.04	0.35	0.35	mg/Kg	1	02/27/18	MA	SW6010C
Aluminum	6210	35	7.0	mg/Kg	10	02/27/18	MA	SW6010C
Arsenic	30.2	0.70	0.70	mg/Kg	1	02/27/18	MA	SW6010C
Barium	233	0.7	0.35	mg/Kg	1	02/27/18	MA	SW6010C
Beryllium	0.37	0.28	0.14	mg/Kg	1	02/27/18	MA	SW6010C
Calcium	24600	35	32	mg/Kg	10	02/27/18	MA	SW6010C
Cadmium	0.87	0.35	0.35	mg/Kg	1	02/27/18	MA	SW6010C
Cobalt	6.27	0.35	0.35	mg/Kg	1	02/27/18	MA	SW6010C
Chromium	23.3	0.35	0.35	mg/Kg	1	02/27/18	MA	SW6010C
Copper	384	3.5	3.5	mg/kg	10	02/27/18	MA	SW6010C
Iron	28500	35	35	mg/Kg	10	02/27/18	MA	SW6010C
Mercury	0.45	0.14	0.08	mg/Kg	1	02/27/18	RS	SW7471B
Potassium	843	7	2.7	mg/Kg	1	02/27/18	MA	SW6010C
Magnesium	11700	35	35	mg/Kg	10	02/27/18	MA	SW6010C
Manganese	268	3.5	3.5	mg/Kg	10	02/27/18	MA	SW6010C
Sodium	282	7	3.0	mg/Kg	1	02/27/18	MA	SW6010C
Nickel	15.3	0.35	0.35	mg/Kg	1	02/27/18	MA	SW6010C
Lead	220	7.0	3.5	mg/Kg	10	02/27/18	MA	SW6010C
Antimony	ND	1.8	1.8	mg/Kg	1	02/27/18	MA	SW6010C
Selenium	ND	1.4	1.2	mg/Kg	1	02/27/18	MA	SW6010C
Thallium	ND	1.4	1.4	mg/Kg	1	02/27/18	MA	SW6010C
Vanadium	26.9	0.35	0.35	mg/Kg	1	02/27/18	MA	SW6010C
Zinc	228	7.0	3.5	mg/Kg	10	02/27/18	MA	SW6010C
Percent Solid	85			%		02/26/18	AP	SW846-%Solid
Soil Extraction for PCB	Completed					02/27/18	/V	SW3545A
Soil Extraction for Pesticides	Completed					02/27/18	/V	SW3545A
Soil Extraction for SVOA	Completed					02/27/18	JJ/CKV	SW3545A
Mercury Digestion	Completed					02/27/18	I/I	SW7471B

Ver 1

Project ID: BEACH 62ND ST., QUEENS, NY
Client ID: SB 4

Phoenix I.D.: BZ94515

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
Total Metals Digest	Completed					02/26/18	B/X/BF	SW3050B
Polychlorinated Biphenyls								
PCB-1016	ND	77	77	ug/Kg	2	03/01/18	AW	SW8082A
PCB-1221	ND	77	77	ug/Kg	2	03/01/18	AW	SW8082A
PCB-1232	ND	77	77	ug/Kg	2	03/01/18	AW	SW8082A
PCB-1242	ND	77	77	ug/Kg	2	03/01/18	AW	SW8082A
PCB-1248	ND	77	77	ug/Kg	2	03/01/18	AW	SW8082A
PCB-1254	ND	77	77	ug/Kg	2	03/01/18	AW	SW8082A
PCB-1260	ND	77	77	ug/Kg	2	03/01/18	AW	SW8082A
PCB-1262	ND	77	77	ug/Kg	2	03/01/18	AW	SW8082A
PCB-1268	ND	77	77	ug/Kg	2	03/01/18	AW	SW8082A
QA/QC Surrogates								
% DCBP	89			%	2	03/01/18	AW	40 - 140 %
% TCMX	83			%	2	03/01/18	AW	40 - 140 %
Pesticides - Soil								
4,4' -DDD	130	23	23	ug/Kg	20	03/01/18	CW	SW8081B
4,4' -DDE	49	2.3	2.3	ug/Kg	2	02/28/18	CW	SW8081B
4,4' -DDT	ND	2.3	2.3	ug/Kg	2	02/28/18	CW	SW8081B
a-BHC	ND	7.7	7.7	ug/Kg	2	02/28/18	CW	SW8081B
a-Chlordane	ND	3.8	3.8	ug/Kg	2	02/28/18	CW	SW8081B
Aldrin	ND	3.8	3.8	ug/Kg	2	02/28/18	CW	SW8081B
b-BHC	ND	7.7	7.7	ug/Kg	2	02/28/18	CW	SW8081B
Chlordane	ND	38	38	ug/Kg	2	02/28/18	CW	SW8081B
d-BHC	ND	7.7	7.7	ug/Kg	2	02/28/18	CW	SW8081B
Dieldrin	ND	3.8	3.8	ug/Kg	2	02/28/18	CW	SW8081B
Endosulfan I	ND	7.7	7.7	ug/Kg	2	02/28/18	CW	SW8081B
Endosulfan II	ND	7.7	7.7	ug/Kg	2	02/28/18	CW	SW8081B
Endosulfan sulfate	ND	7.7	7.7	ug/Kg	2	02/28/18	CW	SW8081B
Endrin	ND	7.7	7.7	ug/Kg	2	02/28/18	CW	SW8081B
Endrin aldehyde	ND	7.7	7.7	ug/Kg	2	02/28/18	CW	SW8081B
Endrin ketone	ND	7.7	7.7	ug/Kg	2	02/28/18	CW	SW8081B
g-BHC	ND	1.5	1.5	ug/Kg	2	02/28/18	CW	SW8081B
g-Chlordane	ND	3.8	3.8	ug/Kg	2	02/28/18	CW	SW8081B
Heptachlor	ND	7.7	7.7	ug/Kg	2	02/28/18	CW	SW8081B
Heptachlor epoxide	ND	7.7	7.7	ug/Kg	2	02/28/18	CW	SW8081B
Methoxychlor	ND	38	38	ug/Kg	2	02/28/18	CW	SW8081B
Toxaphene	ND	150	150	ug/Kg	2	02/28/18	CW	SW8081B
QA/QC Surrogates								
% DCBP	77			%	2	02/28/18	CW	40 - 140 %
% TCMX	75			%	2	02/28/18	CW	40 - 140 %
Volatiles								
1,1,1,2-Tetrachloroethane	ND	5.5	1.1	ug/Kg	1	03/01/18	JLI	SW8260C
1,1,1-Trichloroethane	ND	5.5	0.55	ug/Kg	1	03/01/18	JLI	SW8260C
1,1,2,2-Tetrachloroethane	ND	5.5	1.1	ug/Kg	1	03/01/18	JLI	SW8260C
1,1,2-Trichloroethane	ND	5.5	1.1	ug/Kg	1	03/01/18	JLI	SW8260C
1,1-Dichloroethane	ND	5.5	1.1	ug/Kg	1	03/01/18	JLI	SW8260C
1,1-Dichloroethene	ND	5.5	0.55	ug/Kg	1	03/01/18	JLI	SW8260C

Project ID: BEACH 62ND ST., QUEENS, NY

Phoenix I.D.: BZ94515

Client ID: SB 4

Parameter	Result		RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference	
1,1-Dichloropropene	ND		5.5	0.55	ug/Kg	1	03/01/18	JLI	SW8260C	
1,2,3-Trichlorobenzene	ND		5.5	1.1	ug/Kg	1	03/01/18	JLI	SW8260C	
1,2,3-Trichloropropane	ND		5.5	0.55	ug/Kg	1	03/01/18	JLI	SW8260C	
1,2,4-Trichlorobenzene	ND		5.5	1.1	ug/Kg	1	03/01/18	JLI	SW8260C	
1,2,4-Trimethylbenzene	ND		5.5	0.55	ug/Kg	1	03/01/18	JLI	SW8260C	
1,2-Dibromo-3-chloropropane	ND		5.5	1.1	ug/Kg	1	03/01/18	JLI	SW8260C	
1,2-Dibromoethane	ND		5.5	0.55	ug/Kg	1	03/01/18	JLI	SW8260C	
1,2-Dichlorobenzene	ND		5.5	0.55	ug/Kg	1	03/01/18	JLI	SW8260C	
1,2-Dichloroethane	ND		5.5	0.55	ug/Kg	1	03/01/18	JLI	SW8260C	
1,2-Dichloropropane	ND		5.5	1.1	ug/Kg	1	03/01/18	JLI	SW8260C	
1,3,5-Trimethylbenzene	ND		5.5	0.55	ug/Kg	1	03/01/18	JLI	SW8260C	
1,3-Dichlorobenzene	ND		5.5	0.55	ug/Kg	1	03/01/18	JLI	SW8260C	
1,3-Dichloropropane	ND		5.5	1.1	ug/Kg	1	03/01/18	JLI	SW8260C	
1,4-Dichlorobenzene	ND		5.5	0.55	ug/Kg	1	03/01/18	JLI	SW8260C	
2,2-Dichloropropane	ND		5.5	0.55	ug/Kg	1	03/01/18	JLI	SW8260C	
2-Chlorotoluene	ND		5.5	1.1	ug/Kg	1	03/01/18	JLI	SW8260C	
2-Hexanone	ND		28	5.5	ug/Kg	1	03/01/18	JLI	SW8260C	
2-Isopropyltoluene	ND		5.5	0.55	ug/Kg	1	03/01/18	JLI	SW8260C	1
4-Chlorotoluene	ND		5.5	0.55	ug/Kg	1	03/01/18	JLI	SW8260C	
4-Methyl-2-pentanone	ND		28	5.5	ug/Kg	1	03/01/18	JLI	SW8260C	
Acetone	33	S	28	5.5	ug/Kg	1	03/01/18	JLI	SW8260C	
Acrylonitrile	ND		11	1.1	ug/Kg	1	03/01/18	JLI	SW8260C	
Benzene	1.1	J	5.5	0.55	ug/Kg	1	03/01/18	JLI	SW8260C	
Bromobenzene	ND		5.5	0.55	ug/Kg	1	03/01/18	JLI	SW8260C	
Bromochloromethane	ND		5.5	0.55	ug/Kg	1	03/01/18	JLI	SW8260C	
Bromodichloromethane	ND		5.5	1.1	ug/Kg	1	03/01/18	JLI	SW8260C	
Bromoform	ND		5.5	1.1	ug/Kg	1	03/01/18	JLI	SW8260C	
Bromomethane	ND		5.5	2.2	ug/Kg	1	03/01/18	JLI	SW8260C	
Carbon Disulfide	ND		5.5	1.1	ug/Kg	1	03/01/18	JLI	SW8260C	
Carbon tetrachloride	ND		5.5	1.1	ug/Kg	1	03/01/18	JLI	SW8260C	
Chlorobenzene	ND		5.5	0.55	ug/Kg	1	03/01/18	JLI	SW8260C	
Chloroethane	ND		5.5	0.55	ug/Kg	1	03/01/18	JLI	SW8260C	
Chloroform	ND		5.5	0.55	ug/Kg	1	03/01/18	JLI	SW8260C	
Chloromethane	ND		5.5	1.1	ug/Kg	1	03/01/18	JLI	SW8260C	
cis-1,2-Dichloroethene	ND		5.5	0.55	ug/Kg	1	03/01/18	JLI	SW8260C	
cis-1,3-Dichloropropene	ND		5.5	0.55	ug/Kg	1	03/01/18	JLI	SW8260C	
Dibromochloromethane	ND		5.5	1.1	ug/Kg	1	03/01/18	JLI	SW8260C	
Dibromomethane	ND		5.5	1.1	ug/Kg	1	03/01/18	JLI	SW8260C	
Dichlorodifluoromethane	ND		5.5	0.55	ug/Kg	1	03/01/18	JLI	SW8260C	
Ethylbenzene	ND		5.5	0.55	ug/Kg	1	03/01/18	JLI	SW8260C	
Hexachlorobutadiene	ND		5.5	0.55	ug/Kg	1	03/01/18	JLI	SW8260C	
Isopropylbenzene	ND		5.5	0.55	ug/Kg	1	03/01/18	JLI	SW8260C	
m&p-Xylene	ND		5.5	1.1	ug/Kg	1	03/01/18	JLI	SW8260C	
Methyl Ethyl Ketone	6.1	J	33	5.5	ug/Kg	1	03/01/18	JLI	SW8260C	
Methyl t-butyl ether (MTBE)	ND		11	1.1	ug/Kg	1	03/01/18	JLI	SW8260C	
Methylene chloride	ND		5.5	5.5	ug/Kg	1	03/01/18	JLI	SW8260C	
Naphthalene	ND		5.5	1.1	ug/Kg	1	03/01/18	JLI	SW8260C	
n-Butylbenzene	ND		5.5	0.55	ug/Kg	1	03/01/18	JLI	SW8260C	
n-Propylbenzene	ND		5.5	1.1	ug/Kg	1	03/01/18	JLI	SW8260C	

Parameter	Result		RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference	
o-Xylene	ND		5.5	1.1	ug/Kg	1	03/01/18	JLI	SW8260C	
p-Isopropyltoluene	ND		5.5	0.55	ug/Kg	1	03/01/18	JLI	SW8260C	
sec-Butylbenzene	ND		5.5	0.55	ug/Kg	1	03/01/18	JLI	SW8260C	
Styrene	ND		5.5	0.55	ug/Kg	1	03/01/18	JLI	SW8260C	
tert-Butylbenzene	ND		5.5	0.55	ug/Kg	1	03/01/18	JLI	SW8260C	
Tetrachloroethene	ND		5.5	1.1	ug/Kg	1	03/01/18	JLI	SW8260C	
Tetrahydrofuran (THF)	5.1	J	11	2.8	ug/Kg	1	03/01/18	JLI	SW8260C	1
Toluene	0.59	J	5.5	0.55	ug/Kg	1	03/01/18	JLI	SW8260C	
trans-1,2-Dichloroethene	ND		5.5	0.55	ug/Kg	1	03/01/18	JLI	SW8260C	
trans-1,3-Dichloropropene	ND		5.5	0.55	ug/Kg	1	03/01/18	JLI	SW8260C	
trans-1,4-dichloro-2-butene	ND		11	2.8	ug/Kg	1	03/01/18	JLI	SW8260C	
Trichloroethene	ND		5.5	0.55	ug/Kg	1	03/01/18	JLI	SW8260C	
Trichlorofluoromethane	ND		5.5	1.1	ug/Kg	1	03/01/18	JLI	SW8260C	
Trichlorotrifluoroethane	ND		5.5	0.55	ug/Kg	1	03/01/18	JLI	SW8260C	
Vinyl chloride	ND		5.5	0.55	ug/Kg	1	03/01/18	JLI	SW8260C	
QA/QC Surrogates										
% 1,2-dichlorobenzene-d4	103				%	1	03/01/18	JLI	70 - 130 %	
% Bromofluorobenzene	87				%	1	03/01/18	JLI	70 - 130 %	
% Dibromofluoromethane	101				%	1	03/01/18	JLI	70 - 130 %	
% Toluene-d8	90				%	1	03/01/18	JLI	70 - 130 %	
1,4-dioxane										
1,4-dioxane	ND		83	44	ug/kg	1	03/01/18	JLI	SW8260C	
QA/QC Surrogates										
% 1,2-dichlorobenzene-d4	103				%	1	03/01/18	JLI	70 - 130 %	
% Bromofluorobenzene	87				%	1	03/01/18	JLI	70 - 130 %	
% Toluene-d8	90				%	1	03/01/18	JLI	70 - 130 %	
Volatiles										
1,1,1,2-Tetrachloroethane	ND		22	1.1	ug/Kg	1	03/01/18	JLI	SW8260C	
Acrolein	ND		5.5	1.1	ug/Kg	1	03/01/18	JLI	SW8260C	
Acrylonitrile	ND		22	0.55	ug/Kg	1	03/01/18	JLI	SW8260C	
Tert-butyl alcohol	ND		110	22	ug/Kg	1	03/01/18	JLI	SW8260C	
Semivolatiles										
1,2,4,5-Tetrachlorobenzene	ND		270	140	ug/Kg	1	02/28/18	DD	SW8270D	
1,2,4-Trichlorobenzene	ND		270	120	ug/Kg	1	02/28/18	DD	SW8270D	
1,2-Dichlorobenzene	ND		270	110	ug/Kg	1	02/28/18	DD	SW8270D	
1,2-Diphenylhydrazine	ND		270	130	ug/Kg	1	02/28/18	DD	SW8270D	
1,3-Dichlorobenzene	ND		270	110	ug/Kg	1	02/28/18	DD	SW8270D	
1,4-Dichlorobenzene	ND		270	110	ug/Kg	1	02/28/18	DD	SW8270D	
2,4,5-Trichlorophenol	ND		270	210	ug/Kg	1	02/28/18	DD	SW8270D	
2,4,6-Trichlorophenol	ND		190	120	ug/Kg	1	02/28/18	DD	SW8270D	
2,4-Dichlorophenol	ND		190	140	ug/Kg	1	02/28/18	DD	SW8270D	
2,4-Dimethylphenol	ND		270	96	ug/Kg	1	02/28/18	DD	SW8270D	
2,4-Dinitrophenol	ND		270	270	ug/Kg	1	02/28/18	DD	SW8270D	
2,4-Dinitrotoluene	ND		190	150	ug/Kg	1	02/28/18	DD	SW8270D	
2,6-Dinitrotoluene	ND		190	120	ug/Kg	1	02/28/18	DD	SW8270D	
2-Chloronaphthalene	ND		270	110	ug/Kg	1	02/28/18	DD	SW8270D	
2-Chlorophenol	ND		270	110	ug/Kg	1	02/28/18	DD	SW8270D	

Project ID: BEACH 62ND ST., QUEENS, NY
Client ID: SB 4

Phoenix I.D.: BZ94515

Parameter	Result		RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference	
2-Methylnaphthalene	ND		270	120	ug/Kg	1	02/28/18	DD	SW8270D	
2-Methylphenol (o-cresol)	ND		270	180	ug/Kg	1	02/28/18	DD	SW8270D	
2-Nitroaniline	ND		270	270	ug/Kg	1	02/28/18	DD	SW8270D	
2-Nitrophenol	ND		270	250	ug/Kg	1	02/28/18	DD	SW8270D	
3&4-Methylphenol (m&p-cresol)	ND		270	150	ug/Kg	1	02/28/18	DD	SW8270D	1
3,3'-Dichlorobenzidine	ND		190	180	ug/Kg	1	02/28/18	DD	SW8270D	
3-Nitroaniline	ND		390	770	ug/Kg	1	02/28/18	DD	SW8270D	
4,6-Dinitro-2-methylphenol	ND		230	77	ug/Kg	1	02/28/18	DD	SW8270D	
4-Bromophenyl phenyl ether	ND		270	110	ug/Kg	1	02/28/18	DD	SW8270D	
4-Chloro-3-methylphenol	ND		270	140	ug/Kg	1	02/28/18	DD	SW8270D	
4-Chloroaniline	ND		310	180	ug/Kg	1	02/28/18	DD	SW8270D	
4-Chlorophenyl phenyl ether	ND		270	130	ug/Kg	1	02/28/18	DD	SW8270D	
4-Nitroaniline	ND		390	130	ug/Kg	1	02/28/18	DD	SW8270D	
4-Nitrophenol	ND		390	170	ug/Kg	1	02/28/18	DD	SW8270D	
Acenaphthene	ND		270	120	ug/Kg	1	02/28/18	DD	SW8270D	
Acenaphthylene	170	J	270	110	ug/Kg	1	02/28/18	DD	SW8270D	
Acetophenone	ND		270	120	ug/Kg	1	02/28/18	DD	SW8270D	
Aniline	ND		310	310	ug/Kg	1	02/28/18	DD	SW8270D	
Anthracene	220	J	270	130	ug/Kg	1	02/28/18	DD	SW8270D	
Benz(a)anthracene	590		270	130	ug/Kg	1	02/28/18	DD	SW8270D	
Benzidine	ND		390	230	ug/Kg	1	02/28/18	DD	SW8270D	
Benzo(a)pyrene	650		190	130	ug/Kg	1	02/28/18	DD	SW8270D	
Benzo(b)fluoranthene	610		270	130	ug/Kg	1	02/28/18	DD	SW8270D	
Benzo(ghi)perylene	530		270	130	ug/Kg	1	02/28/18	DD	SW8270D	
Benzo(k)fluoranthene	580		270	130	ug/Kg	1	02/28/18	DD	SW8270D	
Benzoic acid	ND		1900	770	ug/Kg	1	02/28/18	DD	SW8270D	
Benzyl butyl phthalate	ND		270	100	ug/Kg	1	02/28/18	DD	SW8270D	
Bis(2-chloroethoxy)methane	ND		270	110	ug/Kg	1	02/28/18	DD	SW8270D	
Bis(2-chloroethyl)ether	ND		190	100	ug/Kg	1	02/28/18	DD	SW8270D	
Bis(2-chloroisopropyl)ether	ND		270	110	ug/Kg	1	02/28/18	DD	SW8270D	
Bis(2-ethylhexyl)phthalate	ND		270	110	ug/Kg	1	02/28/18	DD	SW8270D	
Carbazole	ND		190	150	ug/Kg	1	02/28/18	DD	SW8270D	
Chrysene	650		270	130	ug/Kg	1	02/28/18	DD	SW8270D	
Dibenz(a,h)anthracene	140	J	190	130	ug/Kg	1	02/28/18	DD	SW8270D	
Dibenzofuran	ND		270	110	ug/Kg	1	02/28/18	DD	SW8270D	
Diethyl phthalate	ND		270	120	ug/Kg	1	02/28/18	DD	SW8270D	
Dimethylphthalate	ND		270	120	ug/Kg	1	02/28/18	DD	SW8270D	
Di-n-butylphthalate	ND		270	100	ug/Kg	1	02/28/18	DD	SW8270D	
Di-n-octylphthalate	ND		270	100	ug/Kg	1	02/28/18	DD	SW8270D	
Fluoranthene	1100		270	130	ug/Kg	1	02/28/18	DD	SW8270D	
Fluorene	ND		270	130	ug/Kg	1	02/28/18	DD	SW8270D	
Hexachlorobenzene	ND		190	110	ug/Kg	1	02/28/18	DD	SW8270D	
Hexachlorobutadiene	ND		270	140	ug/Kg	1	02/28/18	DD	SW8270D	
Hexachlorocyclopentadiene	ND		270	120	ug/Kg	1	02/28/18	DD	SW8270D	
Hexachloroethane	ND		190	120	ug/Kg	1	02/28/18	DD	SW8270D	
Indeno(1,2,3-cd)pyrene	570		270	130	ug/Kg	1	02/28/18	DD	SW8270D	
Isophorone	ND		190	110	ug/Kg	1	02/28/18	DD	SW8270D	
Naphthalene	140	J	270	110	ug/Kg	1	02/28/18	DD	SW8270D	
Nitrobenzene	ND		190	140	ug/Kg	1	02/28/18	DD	SW8270D	

Ver 1

Project ID: BEACH 62ND ST., QUEENS, NY
Client ID: SB 4

Phoenix I.D.: BZ94515

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference	
N-Nitrosodimethylamine	ND	270	110	ug/Kg	1	02/28/18	DD	SW8270D	
N-Nitrosodi-n-propylamine	ND	190	130	ug/Kg	1	02/28/18	DD	SW8270D	
N-Nitrosodiphenylamine	ND	270	150	ug/Kg	1	02/28/18	DD	SW8270D	
Pentachloronitrobenzene	ND	270	140	ug/Kg	1	02/28/18	DD	SW8270D	
Pentachlorophenol	ND	230	150	ug/Kg	1	02/28/18	DD	SW8270D	
Phenanthrene	900	270	110	ug/Kg	1	02/28/18	DD	SW8270D	
Phenol	ND	270	120	ug/Kg	1	02/28/18	DD	SW8270D	
Pyrene	1000	270	130	ug/Kg	1	02/28/18	DD	SW8270D	
Pyridine	ND	270	95	ug/Kg	1	02/28/18	DD	SW8270D	
QA/QC Surrogates									
% 2,4,6-Tribromophenol	90			%	1	02/28/18	DD	30 - 130 %	
% 2-Fluorobiphenyl	70			%	1	02/28/18	DD	30 - 130 %	
% 2-Fluorophenol	47			%	1	02/28/18	DD	30 - 130 %	
% Nitrobenzene-d5	70			%	1	02/28/18	DD	30 - 130 %	
% Phenol-d5	61			%	1	02/28/18	DD	30 - 130 %	
% Terphenyl-d14	72			%	1	02/28/18	DD	30 - 130 %	
Field Extraction	Completed					02/23/18		SW5035A	1

1 = This parameter is not certified by NY NELAC for this matrix. NY NELAC does not offer certification for all parameters at this time.

RL/PQL=Reporting/Practical Quantitation Level (Equivalent to NELAC LOQ, Limit of Quantitation) ND=Not Detected BRL=Below Reporting Level L=Biased Low J=Estimated Below RL LOD=Limit of Detection MDL=Method Detection Limit1
QA/QC Surrogates: Surrogates are compounds (preceeded with a %) added by the lab to determine analysis efficiency. Surrogate results(%) listed in the report are not "detected" compounds.

Comments:

Per 1.4.6 of EPA method 8270D, 1,2-Diphenylhydrazine is unstable and readily converts to Azobenzene. Azobenzene is used for the calibration of 1,2-Diphenylhydrazine.

Please be advised that the NY 375 soil criteria for chromium are based on hexavalent chromium and trivalent chromium.

All soils, solids and sludges are reported on a dry weight basis unless otherwise noted in the sample comments.

S - Laboratory solvent, contamination is possible.

If there are any questions regarding this data, please call Phoenix Client Services.
This report must not be reproduced except in full as defined by the attached chain of custody.

Phyllis Shiller, Laboratory Director
March 05, 2018
Reviewed and Released by: Phyllis Shiller, Laboratory Director

Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102 Fax (860) 645-0823

ACCREDITED IN ACCORDANCE WITH nelac NY # 11301

Analysis Report

March 05, 2018

FOR: Attn: Mr. Charles B. Sosik, P.G.
Environmental Business Consultants
1808 Middle Country Rd
Ridge NY 11961-2406

Sample Information		Custody Information		Date	Time
Matrix:	SOIL	Collected by:	HL	02/23/18	
Location Code:	EBC	Received by:	LB	02/26/18	13:20
Rush Request:	72 Hour	Analyzed by:	see "By" below		
P.O.#:					

Laboratory Data

SDG ID: GBZ94512
Phoenix ID: BZ94516

Project ID: BEACH 62ND ST., QUEENS, NY
Client ID: SB 5

Parameter	Result		RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
Silver	ND		0.34	0.34	mg/Kg	1	02/27/18	MA	SW6010C
Aluminum	3640		34	6.8	mg/Kg	10	02/27/18	MA	SW6010C
Arsenic	4.77		0.68	0.68	mg/Kg	1	02/27/18	MA	SW6010C
Barium	82.7		0.7	0.34	mg/Kg	1	02/27/18	MA	SW6010C
Beryllium	0.17	J	0.27	0.14	mg/Kg	1	02/27/18	MA	SW6010C
Calcium	5790		3.4	3.1	mg/Kg	1	02/27/18	MA	SW6010C
Cadmium	ND		0.34	0.34	mg/Kg	1	02/27/18	MA	SW6010C
Cobalt	4.55		0.34	0.34	mg/Kg	1	02/27/18	MA	SW6010C
Chromium	9.81		0.34	0.34	mg/Kg	1	02/27/18	MA	SW6010C
Copper	29.7		0.34	0.34	mg/kg	1	02/27/18	MA	SW6010C
Iron	10900		34	34	mg/Kg	10	02/27/18	MA	SW6010C
Mercury	ND		0.14	0.08	mg/Kg	1	02/27/18	RS	SW7471B
Potassium	627		7	2.6	mg/Kg	1	02/27/18	MA	SW6010C
Magnesium	2740		3.4	3.4	mg/Kg	1	02/27/18	MA	SW6010C
Manganese	86.7		0.34	0.34	mg/Kg	1	02/27/18	MA	SW6010C
Sodium	143		7	2.9	mg/Kg	1	02/27/18	MA	SW6010C
Nickel	6.89		0.34	0.34	mg/Kg	1	02/27/18	MA	SW6010C
Lead	86.0		0.7	0.34	mg/Kg	1	02/27/18	MA	SW6010C
Antimony	ND		1.7	1.7	mg/Kg	1	02/27/18	MA	SW6010C
Selenium	ND		1.4	1.2	mg/Kg	1	02/27/18	MA	SW6010C
Thallium	ND		1.4	1.4	mg/Kg	1	02/27/18	MA	SW6010C
Vanadium	34.3		0.34	0.34	mg/Kg	1	02/27/18	MA	SW6010C
Zinc	73.4		0.7	0.34	mg/Kg	1	02/27/18	MA	SW6010C
Percent Solid	89				%		02/26/18	AP	SW846-%Solid
Soil Extraction for PCB	Completed						02/27/18	/V	SW3545A
Soil Extraction for Pesticides	Completed						02/27/18	/V	SW3545A
Soil Extraction for SVOA	Completed						02/27/18	JJ/CKV	SW3545A
Mercury Digestion	Completed						02/27/18	I/I	SW7471B

Ver 1

Project ID: BEACH 62ND ST., QUEENS, NY
Client ID: SB 5

Phoenix I.D.: BZ94516

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
Total Metals Digest	Completed					02/26/18	B/X/BF	SW3050B
Polychlorinated Biphenyls								
PCB-1016	ND	75	75	ug/Kg	2	03/01/18	AW	SW8082A
PCB-1221	ND	75	75	ug/Kg	2	03/01/18	AW	SW8082A
PCB-1232	ND	75	75	ug/Kg	2	03/01/18	AW	SW8082A
PCB-1242	ND	75	75	ug/Kg	2	03/01/18	AW	SW8082A
PCB-1248	ND	75	75	ug/Kg	2	03/01/18	AW	SW8082A
PCB-1254	ND	75	75	ug/Kg	2	03/01/18	AW	SW8082A
PCB-1260	ND	75	75	ug/Kg	2	03/01/18	AW	SW8082A
PCB-1262	ND	75	75	ug/Kg	2	03/01/18	AW	SW8082A
PCB-1268	ND	75	75	ug/Kg	2	03/01/18	AW	SW8082A
QA/QC Surrogates								
% DCBP	76			%	2	03/01/18	AW	40 - 140 %
% TCMX	70			%	2	03/01/18	AW	40 - 140 %
Pesticides - Soil								
4,4' -DDD	ND	2.2	2.2	ug/Kg	2	03/01/18	CW	SW8081B
4,4' -DDE	ND	2.2	2.2	ug/Kg	2	03/01/18	CW	SW8081B
4,4' -DDT	2.8	2.2	2.2	ug/Kg	2	03/01/18	CW	SW8081B
a-BHC	ND	7.5	7.5	ug/Kg	2	03/01/18	CW	SW8081B
a-Chlordane	5.2	3.7	3.7	ug/Kg	2	03/01/18	CW	SW8081B
Aldrin	ND	3.7	3.7	ug/Kg	2	03/01/18	CW	SW8081B
b-BHC	ND	7.5	7.5	ug/Kg	2	03/01/18	CW	SW8081B
Chlordane	ND	37	37	ug/Kg	2	03/01/18	CW	SW8081B
d-BHC	ND	7.5	7.5	ug/Kg	2	03/01/18	CW	SW8081B
Dieldrin	ND	3.7	3.7	ug/Kg	2	03/01/18	CW	SW8081B
Endosulfan I	ND	7.5	7.5	ug/Kg	2	03/01/18	CW	SW8081B
Endosulfan II	ND	7.5	7.5	ug/Kg	2	03/01/18	CW	SW8081B
Endosulfan sulfate	ND	7.5	7.5	ug/Kg	2	03/01/18	CW	SW8081B
Endrin	ND	7.5	7.5	ug/Kg	2	03/01/18	CW	SW8081B
Endrin aldehyde	ND	7.5	7.5	ug/Kg	2	03/01/18	CW	SW8081B
Endrin ketone	ND	7.5	7.5	ug/Kg	2	03/01/18	CW	SW8081B
g-BHC	ND	1.5	1.5	ug/Kg	2	03/01/18	CW	SW8081B
g-Chlordane	3.8	3.0	3.0	ug/Kg	2	03/01/18	CW	SW8081B
Heptachlor	ND	7.5	7.5	ug/Kg	2	03/01/18	CW	SW8081B
Heptachlor epoxide	ND	7.5	7.5	ug/Kg	2	03/01/18	CW	SW8081B
Methoxychlor	ND	37	37	ug/Kg	2	03/01/18	CW	SW8081B
Toxaphene	ND	150	150	ug/Kg	2	03/01/18	CW	SW8081B
QA/QC Surrogates								
% DCBP	69			%	2	03/01/18	CW	40 - 140 %
% TCMX	67			%	2	03/01/18	CW	40 - 140 %
Volatiles								
1,1,1,2-Tetrachloroethane	ND	6.2	1.2	ug/Kg	1	03/01/18	JLI	SW8260C
1,1,1-Trichloroethane	ND	6.2	0.62	ug/Kg	1	03/01/18	JLI	SW8260C
1,1,2,2-Tetrachloroethane	ND	6.2	1.2	ug/Kg	1	03/01/18	JLI	SW8260C
1,1,2-Trichloroethane	ND	6.2	1.2	ug/Kg	1	03/01/18	JLI	SW8260C
1,1-Dichloroethane	ND	6.2	1.2	ug/Kg	1	03/01/18	JLI	SW8260C
1,1-Dichloroethene	ND	6.2	0.62	ug/Kg	1	03/01/18	JLI	SW8260C

Project ID: BEACH 62ND ST., QUEENS, NY
Client ID: SB 5

Phoenix I.D.: BZ94516

Parameter	Result		RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference	
1,1-Dichloropropene	ND		6.2	0.62	ug/Kg	1	03/01/18	JLI	SW8260C	
1,2,3-Trichlorobenzene	ND		6.2	1.2	ug/Kg	1	03/01/18	JLI	SW8260C	
1,2,3-Trichloropropane	ND		6.2	0.62	ug/Kg	1	03/01/18	JLI	SW8260C	
1,2,4-Trichlorobenzene	ND		6.2	1.2	ug/Kg	1	03/01/18	JLI	SW8260C	
1,2,4-Trimethylbenzene	ND		6.2	0.62	ug/Kg	1	03/01/18	JLI	SW8260C	
1,2-Dibromo-3-chloropropane	ND		6.2	1.2	ug/Kg	1	03/01/18	JLI	SW8260C	
1,2-Dibromoethane	ND		6.2	0.62	ug/Kg	1	03/01/18	JLI	SW8260C	
1,2-Dichlorobenzene	ND		6.2	0.62	ug/Kg	1	03/01/18	JLI	SW8260C	
1,2-Dichloroethane	ND		6.2	0.62	ug/Kg	1	03/01/18	JLI	SW8260C	
1,2-Dichloropropane	ND		6.2	1.2	ug/Kg	1	03/01/18	JLI	SW8260C	
1,3,5-Trimethylbenzene	ND		6.2	0.62	ug/Kg	1	03/01/18	JLI	SW8260C	
1,3-Dichlorobenzene	ND		6.2	0.62	ug/Kg	1	03/01/18	JLI	SW8260C	
1,3-Dichloropropane	ND		6.2	1.2	ug/Kg	1	03/01/18	JLI	SW8260C	
1,4-Dichlorobenzene	ND		6.2	0.62	ug/Kg	1	03/01/18	JLI	SW8260C	
2,2-Dichloropropane	ND		6.2	0.62	ug/Kg	1	03/01/18	JLI	SW8260C	
2-Chlorotoluene	ND		6.2	1.2	ug/Kg	1	03/01/18	JLI	SW8260C	
2-Hexanone	ND		31	6.2	ug/Kg	1	03/01/18	JLI	SW8260C	
2-Isopropyltoluene	ND		6.2	0.62	ug/Kg	1	03/01/18	JLI	SW8260C	1
4-Chlorotoluene	ND		6.2	0.62	ug/Kg	1	03/01/18	JLI	SW8260C	
4-Methyl-2-pentanone	ND		31	6.2	ug/Kg	1	03/01/18	JLI	SW8260C	
Acetone	ND		31	6.2	ug/Kg	1	03/01/18	JLI	SW8260C	
Acrylonitrile	ND		12	1.2	ug/Kg	1	03/01/18	JLI	SW8260C	
Benzene	0.72	J	6.2	0.62	ug/Kg	1	03/01/18	JLI	SW8260C	
Bromobenzene	ND		6.2	0.62	ug/Kg	1	03/01/18	JLI	SW8260C	
Bromochloromethane	ND		6.2	0.62	ug/Kg	1	03/01/18	JLI	SW8260C	
Bromodichloromethane	ND		6.2	1.2	ug/Kg	1	03/01/18	JLI	SW8260C	
Bromoform	ND		6.2	1.2	ug/Kg	1	03/01/18	JLI	SW8260C	
Bromomethane	ND		6.2	2.5	ug/Kg	1	03/01/18	JLI	SW8260C	
Carbon Disulfide	ND		6.2	1.2	ug/Kg	1	03/01/18	JLI	SW8260C	
Carbon tetrachloride	ND		6.2	1.2	ug/Kg	1	03/01/18	JLI	SW8260C	
Chlorobenzene	ND		6.2	0.62	ug/Kg	1	03/01/18	JLI	SW8260C	
Chloroethane	ND		6.2	0.62	ug/Kg	1	03/01/18	JLI	SW8260C	
Chloroform	ND		6.2	0.62	ug/Kg	1	03/01/18	JLI	SW8260C	
Chloromethane	ND		6.2	1.2	ug/Kg	1	03/01/18	JLI	SW8260C	
cis-1,2-Dichloroethene	ND		6.2	0.62	ug/Kg	1	03/01/18	JLI	SW8260C	
cis-1,3-Dichloropropene	ND		6.2	0.62	ug/Kg	1	03/01/18	JLI	SW8260C	
Dibromochloromethane	ND		6.2	1.2	ug/Kg	1	03/01/18	JLI	SW8260C	
Dibromomethane	ND		6.2	1.2	ug/Kg	1	03/01/18	JLI	SW8260C	
Dichlorodifluoromethane	ND		6.2	0.62	ug/Kg	1	03/01/18	JLI	SW8260C	
Ethylbenzene	ND		6.2	0.62	ug/Kg	1	03/01/18	JLI	SW8260C	
Hexachlorobutadiene	ND		6.2	0.62	ug/Kg	1	03/01/18	JLI	SW8260C	
Isopropylbenzene	ND		6.2	0.62	ug/Kg	1	03/01/18	JLI	SW8260C	
m&p-Xylene	ND		6.2	1.2	ug/Kg	1	03/01/18	JLI	SW8260C	
Methyl Ethyl Ketone	ND		37	6.2	ug/Kg	1	03/01/18	JLI	SW8260C	
Methyl t-butyl ether (MTBE)	ND		12	1.2	ug/Kg	1	03/01/18	JLI	SW8260C	
Methylene chloride	ND		6.2	6.2	ug/Kg	1	03/01/18	JLI	SW8260C	
Naphthalene	ND		6.2	1.2	ug/Kg	1	03/01/18	JLI	SW8260C	
n-Butylbenzene	ND		6.2	0.62	ug/Kg	1	03/01/18	JLI	SW8260C	
n-Propylbenzene	ND		6.2	1.2	ug/Kg	1	03/01/18	JLI	SW8260C	

Parameter	Result		RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference	
o-Xylene	ND		6.2	1.2	ug/Kg	1	03/01/18	JLI	SW8260C	
p-Isopropyltoluene	ND		6.2	0.62	ug/Kg	1	03/01/18	JLI	SW8260C	
sec-Butylbenzene	ND		6.2	0.62	ug/Kg	1	03/01/18	JLI	SW8260C	
Styrene	ND		6.2	0.62	ug/Kg	1	03/01/18	JLI	SW8260C	
tert-Butylbenzene	ND		6.2	0.62	ug/Kg	1	03/01/18	JLI	SW8260C	
Tetrachloroethene	ND		6.2	1.2	ug/Kg	1	03/01/18	JLI	SW8260C	
Tetrahydrofuran (THF)	3.7	J	12	3.1	ug/Kg	1	03/01/18	JLI	SW8260C	1
Toluene	ND		6.2	0.62	ug/Kg	1	03/01/18	JLI	SW8260C	
trans-1,2-Dichloroethene	ND		6.2	0.62	ug/Kg	1	03/01/18	JLI	SW8260C	
trans-1,3-Dichloropropene	ND		6.2	0.62	ug/Kg	1	03/01/18	JLI	SW8260C	
trans-1,4-dichloro-2-butene	ND		12	3.1	ug/Kg	1	03/01/18	JLI	SW8260C	
Trichloroethene	ND		6.2	0.62	ug/Kg	1	03/01/18	JLI	SW8260C	
Trichlorofluoromethane	ND		6.2	1.2	ug/Kg	1	03/01/18	JLI	SW8260C	
Trichlorotrifluoroethane	ND		6.2	0.62	ug/Kg	1	03/01/18	JLI	SW8260C	
Vinyl chloride	ND		6.2	0.62	ug/Kg	1	03/01/18	JLI	SW8260C	
QA/QC Surrogates										
% 1,2-dichlorobenzene-d4	100				%	1	03/01/18	JLI	70 - 130 %	
% Bromofluorobenzene	84				%	1	03/01/18	JLI	70 - 130 %	
% Dibromofluoromethane	107				%	1	03/01/18	JLI	70 - 130 %	
% Toluene-d8	89				%	1	03/01/18	JLI	70 - 130 %	
1,4-dioxane										
1,4-dioxane	ND		94	50	ug/kg	1	03/01/18	JLI	SW8260C	
QA/QC Surrogates										
% 1,2-dichlorobenzene-d4	100				%	1	03/01/18	JLI	70 - 130 %	
% Bromofluorobenzene	84				%	1	03/01/18	JLI	70 - 130 %	
% Toluene-d8	89				%	1	03/01/18	JLI	70 - 130 %	
Volatiles										
1,1,1,2-Tetrachloroethane	ND		25	1.2	ug/Kg	1	03/01/18	JLI	SW8260C	
Acrolein	ND		6.2	1.2	ug/Kg	1	03/01/18	JLI	SW8260C	
Acrylonitrile	ND		25	0.62	ug/Kg	1	03/01/18	JLI	SW8260C	
Tert-butyl alcohol	ND		120	25	ug/Kg	1	03/01/18	JLI	SW8260C	
Semivolatiles										
1,2,4,5-Tetrachlorobenzene	ND		260	130	ug/Kg	1	02/28/18	DD	SW8270D	
1,2,4-Trichlorobenzene	ND		260	110	ug/Kg	1	02/28/18	DD	SW8270D	
1,2-Dichlorobenzene	ND		260	100	ug/Kg	1	02/28/18	DD	SW8270D	
1,2-Diphenylhydrazine	ND		260	120	ug/Kg	1	02/28/18	DD	SW8270D	
1,3-Dichlorobenzene	ND		260	110	ug/Kg	1	02/28/18	DD	SW8270D	
1,4-Dichlorobenzene	ND		260	110	ug/Kg	1	02/28/18	DD	SW8270D	
2,4,5-Trichlorophenol	ND		260	200	ug/Kg	1	02/28/18	DD	SW8270D	
2,4,6-Trichlorophenol	ND		190	120	ug/Kg	1	02/28/18	DD	SW8270D	
2,4-Dichlorophenol	ND		190	130	ug/Kg	1	02/28/18	DD	SW8270D	
2,4-Dimethylphenol	ND		260	92	ug/Kg	1	02/28/18	DD	SW8270D	
2,4-Dinitrophenol	ND		260	260	ug/Kg	1	02/28/18	DD	SW8270D	
2,4-Dinitrotoluene	ND		190	150	ug/Kg	1	02/28/18	DD	SW8270D	
2,6-Dinitrotoluene	ND		190	120	ug/Kg	1	02/28/18	DD	SW8270D	
2-Chloronaphthalene	ND		260	110	ug/Kg	1	02/28/18	DD	SW8270D	
2-Chlorophenol	ND		260	110	ug/Kg	1	02/28/18	DD	SW8270D	

Project ID: BEACH 62ND ST., QUEENS, NY
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Phoenix I.D.: BZ94516

Parameter	Result		RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference	
2-Methylnaphthalene	ND		260	110	ug/Kg	1	02/28/18	DD	SW8270D	
2-Methylphenol (o-cresol)	ND		260	170	ug/Kg	1	02/28/18	DD	SW8270D	
2-Nitroaniline	ND		260	260	ug/Kg	1	02/28/18	DD	SW8270D	
2-Nitrophenol	ND		260	240	ug/Kg	1	02/28/18	DD	SW8270D	
3&4-Methylphenol (m&p-cresol)	ND		260	150	ug/Kg	1	02/28/18	DD	SW8270D	1
3,3'-Dichlorobenzidine	ND		190	180	ug/Kg	1	02/28/18	DD	SW8270D	
3-Nitroaniline	ND		370	740	ug/Kg	1	02/28/18	DD	SW8270D	
4,6-Dinitro-2-methylphenol	ND		220	74	ug/Kg	1	02/28/18	DD	SW8270D	
4-Bromophenyl phenyl ether	ND		260	110	ug/Kg	1	02/28/18	DD	SW8270D	
4-Chloro-3-methylphenol	ND		260	130	ug/Kg	1	02/28/18	DD	SW8270D	
4-Chloroaniline	ND		300	170	ug/Kg	1	02/28/18	DD	SW8270D	
4-Chlorophenyl phenyl ether	ND		260	120	ug/Kg	1	02/28/18	DD	SW8270D	
4-Nitroaniline	ND		370	120	ug/Kg	1	02/28/18	DD	SW8270D	
4-Nitrophenol	ND		370	170	ug/Kg	1	02/28/18	DD	SW8270D	
Acenaphthene	ND		260	110	ug/Kg	1	02/28/18	DD	SW8270D	
Acenaphthylene	ND		260	100	ug/Kg	1	02/28/18	DD	SW8270D	
Acetophenone	ND		260	120	ug/Kg	1	02/28/18	DD	SW8270D	
Aniline	ND		300	300	ug/Kg	1	02/28/18	DD	SW8270D	
Anthracene	ND		260	120	ug/Kg	1	02/28/18	DD	SW8270D	
Benz(a)anthracene	150	J	260	120	ug/Kg	1	02/28/18	DD	SW8270D	
Benzidine	ND		370	220	ug/Kg	1	02/28/18	DD	SW8270D	
Benzo(a)pyrene	190		190	120	ug/Kg	1	02/28/18	DD	SW8270D	
Benzo(b)fluoranthene	200	J	260	130	ug/Kg	1	02/28/18	DD	SW8270D	
Benzo(ghi)perylene	190	J	260	120	ug/Kg	1	02/28/18	DD	SW8270D	
Benzo(k)fluoranthene	150	J	260	120	ug/Kg	1	02/28/18	DD	SW8270D	
Benzoic acid	ND		1900	740	ug/Kg	1	02/28/18	DD	SW8270D	
Benzyl butyl phthalate	ND		260	96	ug/Kg	1	02/28/18	DD	SW8270D	
Bis(2-chloroethoxy)methane	ND		260	100	ug/Kg	1	02/28/18	DD	SW8270D	
Bis(2-chloroethyl)ether	ND		190	100	ug/Kg	1	02/28/18	DD	SW8270D	
Bis(2-chloroisopropyl)ether	ND		260	100	ug/Kg	1	02/28/18	DD	SW8270D	
Bis(2-ethylhexyl)phthalate	ND		260	110	ug/Kg	1	02/28/18	DD	SW8270D	
Carbazole	ND		190	150	ug/Kg	1	02/28/18	DD	SW8270D	
Chrysene	180	J	260	120	ug/Kg	1	02/28/18	DD	SW8270D	
Dibenz(a,h)anthracene	ND		190	120	ug/Kg	1	02/28/18	DD	SW8270D	
Dibenzofuran	ND		260	110	ug/Kg	1	02/28/18	DD	SW8270D	
Diethyl phthalate	ND		260	120	ug/Kg	1	02/28/18	DD	SW8270D	
Dimethylphthalate	ND		260	120	ug/Kg	1	02/28/18	DD	SW8270D	
Di-n-butylphthalate	ND		260	99	ug/Kg	1	02/28/18	DD	SW8270D	
Di-n-octylphthalate	ND		260	96	ug/Kg	1	02/28/18	DD	SW8270D	
Fluoranthene	240	J	260	120	ug/Kg	1	02/28/18	DD	SW8270D	
Fluorene	ND		260	120	ug/Kg	1	02/28/18	DD	SW8270D	
Hexachlorobenzene	ND		190	110	ug/Kg	1	02/28/18	DD	SW8270D	
Hexachlorobutadiene	ND		260	130	ug/Kg	1	02/28/18	DD	SW8270D	
Hexachlorocyclopentadiene	ND		260	110	ug/Kg	1	02/28/18	DD	SW8270D	
Hexachloroethane	ND		190	110	ug/Kg	1	02/28/18	DD	SW8270D	
Indeno(1,2,3-cd)pyrene	190	J	260	120	ug/Kg	1	02/28/18	DD	SW8270D	
Isophorone	ND		190	100	ug/Kg	1	02/28/18	DD	SW8270D	
Naphthalene	ND		260	110	ug/Kg	1	02/28/18	DD	SW8270D	
Nitrobenzene	ND		190	130	ug/Kg	1	02/28/18	DD	SW8270D	

Project ID: BEACH 62ND ST., QUEENS, NY
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Phoenix I.D.: BZ94516

Parameter	Result		RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference	
N-Nitrosodimethylamine	ND		260	100	ug/Kg	1	02/28/18	DD	SW8270D	
N-Nitrosodi-n-propylamine	ND		190	120	ug/Kg	1	02/28/18	DD	SW8270D	
N-Nitrosodiphenylamine	ND		260	140	ug/Kg	1	02/28/18	DD	SW8270D	
Pentachloronitrobenzene	ND		260	140	ug/Kg	1	02/28/18	DD	SW8270D	
Pentachlorophenol	ND		220	140	ug/Kg	1	02/28/18	DD	SW8270D	
Phenanthrene	120	J	260	110	ug/Kg	1	02/28/18	DD	SW8270D	
Phenol	ND		260	120	ug/Kg	1	02/28/18	DD	SW8270D	
Pyrene	220	J	260	130	ug/Kg	1	02/28/18	DD	SW8270D	
Pyridine	ND		260	91	ug/Kg	1	02/28/18	DD	SW8270D	
QA/QC Surrogates										
% 2,4,6-Tribromophenol	102				%	1	02/28/18	DD	30 - 130 %	
% 2-Fluorobiphenyl	80				%	1	02/28/18	DD	30 - 130 %	
% 2-Fluorophenol	60				%	1	02/28/18	DD	30 - 130 %	
% Nitrobenzene-d5	82				%	1	02/28/18	DD	30 - 130 %	
% Phenol-d5	71				%	1	02/28/18	DD	30 - 130 %	
% Terphenyl-d14	80				%	1	02/28/18	DD	30 - 130 %	
Field Extraction	Completed						02/23/18		SW5035A	1

1 = This parameter is not certified by NY NELAC for this matrix. NY NELAC does not offer certification for all parameters at this time.

RL/PQL=Reporting/Practical Quantitation Level (Equivalent to NELAC LOQ, Limit of Quantitation) ND=Not Detected BRL=Below Reporting Level L=Biased Low J=Estimated Below RL LOD=Limit of Detection MDL=Method Detection Limit1
QA/QC Surrogates: Surrogates are compounds (preceeded with a %) added by the lab to determine analysis efficiency. Surrogate results(%) listed in the report are not "detected" compounds.

Comments:

Per 1.4.6 of EPA method 8270D, 1,2-Diphenylhydrazine is unstable and readily converts to Azobenzene. Azobenzene is used for the calibration of 1,2-Diphenylhydrazine.

Please be advised that the NY 375 soil criteria for chromium are based on hexavalent chromium and trivalent chromium.

All soils, solids and sludges are reported on a dry weight basis unless otherwise noted in the sample comments.

If there are any questions regarding this data, please call Phoenix Client Services.

Phyllis Shiller, Laboratory Director
March 05, 2018
Reviewed and Released by: Phyllis Shiller, Laboratory Director

Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102 Fax (860) 645-0823

ACCREDITED IN ACCORDANCE WITH nelac NY # 11301

Analysis Report

March 05, 2018

FOR: Attn: Mr. Charles B. Sosik, P.G.
Environmental Business Consultants
1808 Middle Country Rd
Ridge NY 11961-2406

Sample Information		Custody Information		Date	Time
Matrix:	SOIL	Collected by:	HL	02/23/18	
Location Code:	EBC	Received by:	LB	02/26/18	13:20
Rush Request:	72 Hour	Analyzed by:	see "By" below		
P.O.#:					

Laboratory Data

SDG ID: GBZ94512
Phoenix ID: BZ94517

Project ID: BEACH 62ND ST., QUEENS, NY
Client ID: SB 6

Parameter	Result		RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
Silver	0.58		0.36	0.36	mg/Kg	1	02/27/18	MA	SW6010C
Aluminum	2560		36	7.2	mg/Kg	10	02/27/18	MA	SW6010C
Arsenic	3.67		0.72	0.72	mg/Kg	1	02/27/18	MA	SW6010C
Barium	359		0.7	0.36	mg/Kg	1	02/27/18	MA	SW6010C
Beryllium	0.15	J	0.29	0.14	mg/Kg	1	02/27/18	MA	SW6010C
Calcium	5460		3.6	3.3	mg/Kg	1	02/27/18	MA	SW6010C
Cadmium	1.25		0.36	0.36	mg/Kg	1	02/27/18	MA	SW6010C
Cobalt	2.60		0.36	0.36	mg/Kg	1	02/27/18	MA	SW6010C
Chromium	15.1		0.36	0.36	mg/Kg	1	02/27/18	MA	SW6010C
Copper	60.7		0.36	0.36	mg/kg	1	02/27/18	MA	SW6010C
Iron	12000		36	36	mg/Kg	10	02/27/18	MA	SW6010C
Mercury	0.26		0.14	0.08	mg/Kg	1	02/27/18	RS	SW7471B
Potassium	441		7	2.8	mg/Kg	1	02/27/18	MA	SW6010C
Magnesium	2810		3.6	3.6	mg/Kg	1	02/27/18	MA	SW6010C
Manganese	124		0.36	0.36	mg/Kg	1	02/27/18	MA	SW6010C
Sodium	143		7	3.1	mg/Kg	1	02/27/18	MA	SW6010C
Nickel	11.7		0.36	0.36	mg/Kg	1	02/27/18	MA	SW6010C
Lead	657		7.2	3.6	mg/Kg	10	02/27/18	MA	SW6010C
Antimony	2.7		1.8	1.8	mg/Kg	1	02/27/18	MA	SW6010C
Selenium	ND		1.4	1.2	mg/Kg	1	02/27/18	MA	SW6010C
Thallium	ND		1.4	1.4	mg/Kg	1	02/27/18	MA	SW6010C
Vanadium	17.2		0.36	0.36	mg/Kg	1	02/27/18	MA	SW6010C
Zinc	376		7.2	3.6	mg/Kg	10	02/27/18	MA	SW6010C
Percent Solid	84				%		02/26/18	AP	SW846-%Solid
Soil Extraction for PCB	Completed						02/27/18	/V	SW3545A
Soil Extraction for Pesticides	Completed						02/27/18	/V	SW3545A
Soil Extraction for SVOA	Completed						02/27/18	JJ/CKV	SW3545A
Mercury Digestion	Completed						02/27/18	I/I	SW7471B

Ver 1

Project ID: BEACH 62ND ST., QUEENS, NY
Client ID: SB 6

Phoenix I.D.: BZ94517

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
Total Metals Digest	Completed					02/26/18	B/X/BF	SW3050B
Polychlorinated Biphenyls								
PCB-1016	ND	78	78	ug/Kg	2	03/01/18	AW	SW8082A
PCB-1221	ND	78	78	ug/Kg	2	03/01/18	AW	SW8082A
PCB-1232	ND	78	78	ug/Kg	2	03/01/18	AW	SW8082A
PCB-1242	ND	78	78	ug/Kg	2	03/01/18	AW	SW8082A
PCB-1248	ND	78	78	ug/Kg	2	03/01/18	AW	SW8082A
PCB-1254	ND	78	78	ug/Kg	2	03/01/18	AW	SW8082A
PCB-1260	ND	78	78	ug/Kg	2	03/01/18	AW	SW8082A
PCB-1262	ND	78	78	ug/Kg	2	03/01/18	AW	SW8082A
PCB-1268	ND	78	78	ug/Kg	2	03/01/18	AW	SW8082A
QA/QC Surrogates								
% DCBP	84			%	2	03/01/18	AW	40 - 140 %
% TCMX	74			%	2	03/01/18	AW	40 - 140 %
Pesticides - Soil								
4,4' -DDD	27	2.4	2.4	ug/Kg	2	02/28/18	PS	SW8081B
4,4' -DDE	7.0	3.3	3.3	ug/Kg	2	02/28/18	PS	SW8081B
4,4' -DDT	8.9	3.3	3.3	ug/Kg	2	02/28/18	PS	SW8081B
a-BHC	ND	7.8	7.8	ug/Kg	2	02/28/18	PS	SW8081B
a-Chlordane	ND	3.9	3.9	ug/Kg	2	02/28/18	PS	SW8081B
Aldrin	ND	3.9	3.9	ug/Kg	2	02/28/18	PS	SW8081B
b-BHC	ND	7.8	7.8	ug/Kg	2	02/28/18	PS	SW8081B
Chlordane	ND	39	39	ug/Kg	2	02/28/18	PS	SW8081B
d-BHC	ND	7.8	7.8	ug/Kg	2	02/28/18	PS	SW8081B
Dieldrin	5.4	3.9	3.9	ug/Kg	2	02/28/18	PS	SW8081B
Endosulfan I	ND	7.8	7.8	ug/Kg	2	02/28/18	PS	SW8081B
Endosulfan II	ND	7.8	7.8	ug/Kg	2	02/28/18	PS	SW8081B
Endosulfan sulfate	ND	7.8	7.8	ug/Kg	2	02/28/18	PS	SW8081B
Endrin	ND	7.8	7.8	ug/Kg	2	02/28/18	PS	SW8081B
Endrin aldehyde	ND	7.8	7.8	ug/Kg	2	02/28/18	PS	SW8081B
Endrin ketone	ND	7.8	7.8	ug/Kg	2	02/28/18	PS	SW8081B
g-BHC	ND	1.6	1.6	ug/Kg	2	02/28/18	PS	SW8081B
g-Chlordane	ND	3.9	3.9	ug/Kg	2	02/28/18	PS	SW8081B
Heptachlor	ND	7.8	7.8	ug/Kg	2	02/28/18	PS	SW8081B
Heptachlor epoxide	ND	7.8	7.8	ug/Kg	2	02/28/18	PS	SW8081B
Methoxychlor	ND	39	39	ug/Kg	2	02/28/18	PS	SW8081B
Toxaphene	ND	160	160	ug/Kg	2	02/28/18	PS	SW8081B
QA/QC Surrogates								
% DCBP	71			%	2	02/28/18	PS	40 - 140 %
% TCMX	68			%	2	02/28/18	PS	40 - 140 %
Volatiles								
1,1,1,2-Tetrachloroethane	ND	6.3	1.3	ug/Kg	1	03/01/18	JLI	SW8260C
1,1,1-Trichloroethane	ND	6.3	0.63	ug/Kg	1	03/01/18	JLI	SW8260C
1,1,2,2-Tetrachloroethane	ND	6.3	1.3	ug/Kg	1	03/01/18	JLI	SW8260C
1,1,2-Trichloroethane	ND	6.3	1.3	ug/Kg	1	03/01/18	JLI	SW8260C
1,1-Dichloroethane	ND	6.3	1.3	ug/Kg	1	03/01/18	JLI	SW8260C
1,1-Dichloroethene	ND	6.3	0.63	ug/Kg	1	03/01/18	JLI	SW8260C

Project ID: BEACH 62ND ST., QUEENS, NY
Client ID: SB 6

Phoenix I.D.: BZ94517

Parameter	Result		RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference	
1,1-Dichloropropene	ND		6.3	0.63	ug/Kg	1	03/01/18	JLI	SW8260C	
1,2,3-Trichlorobenzene	ND		6.3	1.3	ug/Kg	1	03/01/18	JLI	SW8260C	
1,2,3-Trichloropropane	ND		6.3	0.63	ug/Kg	1	03/01/18	JLI	SW8260C	
1,2,4-Trichlorobenzene	ND		6.3	1.3	ug/Kg	1	03/01/18	JLI	SW8260C	
1,2,4-Trimethylbenzene	ND		6.3	0.63	ug/Kg	1	03/01/18	JLI	SW8260C	
1,2-Dibromo-3-chloropropane	ND		6.3	1.3	ug/Kg	1	03/01/18	JLI	SW8260C	
1,2-Dibromoethane	ND		6.3	0.63	ug/Kg	1	03/01/18	JLI	SW8260C	
1,2-Dichlorobenzene	ND		6.3	0.63	ug/Kg	1	03/01/18	JLI	SW8260C	
1,2-Dichloroethane	ND		6.3	0.63	ug/Kg	1	03/01/18	JLI	SW8260C	
1,2-Dichloropropane	ND		6.3	1.3	ug/Kg	1	03/01/18	JLI	SW8260C	
1,3,5-Trimethylbenzene	ND		6.3	0.63	ug/Kg	1	03/01/18	JLI	SW8260C	
1,3-Dichlorobenzene	ND		6.3	0.63	ug/Kg	1	03/01/18	JLI	SW8260C	
1,3-Dichloropropane	ND		6.3	1.3	ug/Kg	1	03/01/18	JLI	SW8260C	
1,4-Dichlorobenzene	ND		6.3	0.63	ug/Kg	1	03/01/18	JLI	SW8260C	
2,2-Dichloropropane	ND		6.3	0.63	ug/Kg	1	03/01/18	JLI	SW8260C	
2-Chlorotoluene	ND		6.3	1.3	ug/Kg	1	03/01/18	JLI	SW8260C	
2-Hexanone	ND		32	6.3	ug/Kg	1	03/01/18	JLI	SW8260C	
2-Isopropyltoluene	ND		6.3	0.63	ug/Kg	1	03/01/18	JLI	SW8260C	1
4-Chlorotoluene	ND		6.3	0.63	ug/Kg	1	03/01/18	JLI	SW8260C	
4-Methyl-2-pentanone	ND		32	6.3	ug/Kg	1	03/01/18	JLI	SW8260C	
Acetone	11	JS	32	6.3	ug/Kg	1	03/01/18	JLI	SW8260C	
Acrylonitrile	ND		13	1.3	ug/Kg	1	03/01/18	JLI	SW8260C	
Benzene	ND		6.3	0.63	ug/Kg	1	03/01/18	JLI	SW8260C	
Bromobenzene	ND		6.3	0.63	ug/Kg	1	03/01/18	JLI	SW8260C	
Bromochloromethane	ND		6.3	0.63	ug/Kg	1	03/01/18	JLI	SW8260C	
Bromodichloromethane	ND		6.3	1.3	ug/Kg	1	03/01/18	JLI	SW8260C	
Bromoform	ND		6.3	1.3	ug/Kg	1	03/01/18	JLI	SW8260C	
Bromomethane	ND		6.3	2.5	ug/Kg	1	03/01/18	JLI	SW8260C	
Carbon Disulfide	ND		6.3	1.3	ug/Kg	1	03/01/18	JLI	SW8260C	
Carbon tetrachloride	ND		6.3	1.3	ug/Kg	1	03/01/18	JLI	SW8260C	
Chlorobenzene	ND		6.3	0.63	ug/Kg	1	03/01/18	JLI	SW8260C	
Chloroethane	ND		6.3	0.63	ug/Kg	1	03/01/18	JLI	SW8260C	
Chloroform	ND		6.3	0.63	ug/Kg	1	03/01/18	JLI	SW8260C	
Chloromethane	ND		6.3	1.3	ug/Kg	1	03/01/18	JLI	SW8260C	
cis-1,2-Dichloroethene	ND		6.3	0.63	ug/Kg	1	03/01/18	JLI	SW8260C	
cis-1,3-Dichloropropene	ND		6.3	0.63	ug/Kg	1	03/01/18	JLI	SW8260C	
Dibromochloromethane	ND		6.3	1.3	ug/Kg	1	03/01/18	JLI	SW8260C	
Dibromomethane	ND		6.3	1.3	ug/Kg	1	03/01/18	JLI	SW8260C	
Dichlorodifluoromethane	ND		6.3	0.63	ug/Kg	1	03/01/18	JLI	SW8260C	
Ethylbenzene	ND		6.3	0.63	ug/Kg	1	03/01/18	JLI	SW8260C	
Hexachlorobutadiene	ND		6.3	0.63	ug/Kg	1	03/01/18	JLI	SW8260C	
Isopropylbenzene	ND		6.3	0.63	ug/Kg	1	03/01/18	JLI	SW8260C	
m&p-Xylene	ND		6.3	1.3	ug/Kg	1	03/01/18	JLI	SW8260C	
Methyl Ethyl Ketone	ND		38	6.3	ug/Kg	1	03/01/18	JLI	SW8260C	
Methyl t-butyl ether (MTBE)	ND		13	1.3	ug/Kg	1	03/01/18	JLI	SW8260C	
Methylene chloride	ND		6.3	6.3	ug/Kg	1	03/01/18	JLI	SW8260C	
Naphthalene	ND		6.3	1.3	ug/Kg	1	03/01/18	JLI	SW8260C	
n-Butylbenzene	ND		6.3	0.63	ug/Kg	1	03/01/18	JLI	SW8260C	
n-Propylbenzene	ND		6.3	1.3	ug/Kg	1	03/01/18	JLI	SW8260C	

Parameter	Result		RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference	
o-Xylene	ND		6.3	1.3	ug/Kg	1	03/01/18	JLI	SW8260C	
p-Isopropyltoluene	ND		6.3	0.63	ug/Kg	1	03/01/18	JLI	SW8260C	
sec-Butylbenzene	ND		6.3	0.63	ug/Kg	1	03/01/18	JLI	SW8260C	
Styrene	ND		6.3	0.63	ug/Kg	1	03/01/18	JLI	SW8260C	
tert-Butylbenzene	ND		6.3	0.63	ug/Kg	1	03/01/18	JLI	SW8260C	
Tetrachloroethene	ND		6.3	1.3	ug/Kg	1	03/01/18	JLI	SW8260C	
Tetrahydrofuran (THF)	4.8	J	13	3.2	ug/Kg	1	03/01/18	JLI	SW8260C	1
Toluene	ND		6.3	0.63	ug/Kg	1	03/01/18	JLI	SW8260C	
trans-1,2-Dichloroethene	ND		6.3	0.63	ug/Kg	1	03/01/18	JLI	SW8260C	
trans-1,3-Dichloropropene	ND		6.3	0.63	ug/Kg	1	03/01/18	JLI	SW8260C	
trans-1,4-dichloro-2-butene	ND		13	3.2	ug/Kg	1	03/01/18	JLI	SW8260C	
Trichloroethene	ND		6.3	0.63	ug/Kg	1	03/01/18	JLI	SW8260C	
Trichlorofluoromethane	ND		6.3	1.3	ug/Kg	1	03/01/18	JLI	SW8260C	
Trichlorotrifluoroethane	ND		6.3	0.63	ug/Kg	1	03/01/18	JLI	SW8260C	
Vinyl chloride	ND		6.3	0.63	ug/Kg	1	03/01/18	JLI	SW8260C	
QA/QC Surrogates										
% 1,2-dichlorobenzene-d4	97				%	1	03/01/18	JLI	70 - 130 %	
% Bromofluorobenzene	81				%	1	03/01/18	JLI	70 - 130 %	
% Dibromofluoromethane	103				%	1	03/01/18	JLI	70 - 130 %	
% Toluene-d8	89				%	1	03/01/18	JLI	70 - 130 %	
1,4-dioxane										
1,4-dioxane	ND		95	50	ug/kg	1	03/01/18	JLI	SW8260C	
QA/QC Surrogates										
% 1,2-dichlorobenzene-d4	97				%	1	03/01/18	JLI	70 - 130 %	
% Bromofluorobenzene	81				%	1	03/01/18	JLI	70 - 130 %	
% Toluene-d8	89				%	1	03/01/18	JLI	70 - 130 %	
Volatiles										
1,1,1,2-Tetrachloroethane	ND		25	1.3	ug/Kg	1	03/01/18	JLI	SW8260C	
Acrolein	ND		6.3	1.3	ug/Kg	1	03/01/18	JLI	SW8260C	
Acrylonitrile	ND		25	0.63	ug/Kg	1	03/01/18	JLI	SW8260C	
Tert-butyl alcohol	ND		130	25	ug/Kg	1	03/01/18	JLI	SW8260C	
Semivolatiles										
1,2,4,5-Tetrachlorobenzene	ND		270	140	ug/Kg	1	02/28/18	DD	SW8270D	
1,2,4-Trichlorobenzene	ND		270	120	ug/Kg	1	02/28/18	DD	SW8270D	
1,2-Dichlorobenzene	ND		270	110	ug/Kg	1	02/28/18	DD	SW8270D	
1,2-Diphenylhydrazine	ND		270	130	ug/Kg	1	02/28/18	DD	SW8270D	
1,3-Dichlorobenzene	ND		270	120	ug/Kg	1	02/28/18	DD	SW8270D	
1,4-Dichlorobenzene	ND		270	120	ug/Kg	1	02/28/18	DD	SW8270D	
2,4,5-Trichlorophenol	ND		270	210	ug/Kg	1	02/28/18	DD	SW8270D	
2,4,6-Trichlorophenol	ND		200	130	ug/Kg	1	02/28/18	DD	SW8270D	
2,4-Dichlorophenol	ND		200	140	ug/Kg	1	02/28/18	DD	SW8270D	
2,4-Dimethylphenol	ND		270	97	ug/Kg	1	02/28/18	DD	SW8270D	
2,4-Dinitrophenol	ND		270	270	ug/Kg	1	02/28/18	DD	SW8270D	
2,4-Dinitrotoluene	ND		200	150	ug/Kg	1	02/28/18	DD	SW8270D	
2,6-Dinitrotoluene	ND		200	120	ug/Kg	1	02/28/18	DD	SW8270D	
2-Chloronaphthalene	ND		270	110	ug/Kg	1	02/28/18	DD	SW8270D	
2-Chlorophenol	ND		270	110	ug/Kg	1	02/28/18	DD	SW8270D	

Project ID: BEACH 62ND ST., QUEENS, NY
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Phoenix I.D.: BZ94517

Parameter	Result		RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference	
2-Methylnaphthalene	ND		270	120	ug/Kg	1	02/28/18	DD	SW8270D	
2-Methylphenol (o-cresol)	ND		270	180	ug/Kg	1	02/28/18	DD	SW8270D	
2-Nitroaniline	ND		270	270	ug/Kg	1	02/28/18	DD	SW8270D	
2-Nitrophenol	ND		270	250	ug/Kg	1	02/28/18	DD	SW8270D	
3&4-Methylphenol (m&p-cresol)	ND		270	150	ug/Kg	1	02/28/18	DD	SW8270D	1
3,3'-Dichlorobenzidine	ND		200	180	ug/Kg	1	02/28/18	DD	SW8270D	
3-Nitroaniline	ND		390	780	ug/Kg	1	02/28/18	DD	SW8270D	
4,6-Dinitro-2-methylphenol	ND		230	78	ug/Kg	1	02/28/18	DD	SW8270D	
4-Bromophenyl phenyl ether	ND		270	120	ug/Kg	1	02/28/18	DD	SW8270D	
4-Chloro-3-methylphenol	ND		270	140	ug/Kg	1	02/28/18	DD	SW8270D	
4-Chloroaniline	ND		310	180	ug/Kg	1	02/28/18	DD	SW8270D	
4-Chlorophenyl phenyl ether	ND		270	130	ug/Kg	1	02/28/18	DD	SW8270D	
4-Nitroaniline	ND		390	130	ug/Kg	1	02/28/18	DD	SW8270D	
4-Nitrophenol	ND		390	180	ug/Kg	1	02/28/18	DD	SW8270D	
Acenaphthene	170	J	270	120	ug/Kg	1	02/28/18	DD	SW8270D	
Acenaphthylene	170	J	270	110	ug/Kg	1	02/28/18	DD	SW8270D	
Acetophenone	ND		270	120	ug/Kg	1	02/28/18	DD	SW8270D	
Aniline	ND		310	310	ug/Kg	1	02/28/18	DD	SW8270D	
Anthracene	560		270	130	ug/Kg	1	02/28/18	DD	SW8270D	
Benz(a)anthracene	1500		270	130	ug/Kg	1	02/28/18	DD	SW8270D	
Benzidine	ND		390	230	ug/Kg	1	02/28/18	DD	SW8270D	
Benzo(a)pyrene	1200		200	130	ug/Kg	1	02/28/18	DD	SW8270D	
Benzo(b)fluoranthene	1000		270	130	ug/Kg	1	02/28/18	DD	SW8270D	
Benzo(ghi)perylene	710		270	130	ug/Kg	1	02/28/18	DD	SW8270D	
Benzo(k)fluoranthene	790		270	130	ug/Kg	1	02/28/18	DD	SW8270D	
Benzoic acid	ND		2000	780	ug/Kg	1	02/28/18	DD	SW8270D	
Benzyl butyl phthalate	ND		270	100	ug/Kg	1	02/28/18	DD	SW8270D	
Bis(2-chloroethoxy)methane	ND		270	110	ug/Kg	1	02/28/18	DD	SW8270D	
Bis(2-chloroethyl)ether	ND		200	110	ug/Kg	1	02/28/18	DD	SW8270D	
Bis(2-chloroisopropyl)ether	ND		270	110	ug/Kg	1	02/28/18	DD	SW8270D	
Bis(2-ethylhexyl)phthalate	120	J	270	110	ug/Kg	1	02/28/18	DD	SW8270D	
Carbazole	ND		200	160	ug/Kg	1	02/28/18	DD	SW8270D	
Chrysene	1700		270	130	ug/Kg	1	02/28/18	DD	SW8270D	
Dibenz(a,h)anthracene	230		200	130	ug/Kg	1	02/28/18	DD	SW8270D	
Dibenzofuran	ND		270	110	ug/Kg	1	02/28/18	DD	SW8270D	
Diethyl phthalate	ND		270	120	ug/Kg	1	02/28/18	DD	SW8270D	
Dimethylphthalate	ND		270	120	ug/Kg	1	02/28/18	DD	SW8270D	
Di-n-butylphthalate	ND		270	100	ug/Kg	1	02/28/18	DD	SW8270D	
Di-n-octylphthalate	ND		270	100	ug/Kg	1	02/28/18	DD	SW8270D	
Fluoranthene	2300		270	130	ug/Kg	1	02/28/18	DD	SW8270D	
Fluorene	190	J	270	130	ug/Kg	1	02/28/18	DD	SW8270D	
Hexachlorobenzene	ND		200	110	ug/Kg	1	02/28/18	DD	SW8270D	
Hexachlorobutadiene	ND		270	140	ug/Kg	1	02/28/18	DD	SW8270D	
Hexachlorocyclopentadiene	ND		270	120	ug/Kg	1	02/28/18	DD	SW8270D	
Hexachloroethane	ND		200	120	ug/Kg	1	02/28/18	DD	SW8270D	
Indeno(1,2,3-cd)pyrene	700		270	130	ug/Kg	1	02/28/18	DD	SW8270D	
Isophorone	ND		200	110	ug/Kg	1	02/28/18	DD	SW8270D	
Naphthalene	ND		270	110	ug/Kg	1	02/28/18	DD	SW8270D	
Nitrobenzene	ND		200	140	ug/Kg	1	02/28/18	DD	SW8270D	

Project ID: BEACH 62ND ST., QUEENS, NY
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Phoenix I.D.: BZ94517

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference	
N-Nitrosodimethylamine	ND	270	110	ug/Kg	1	02/28/18	DD	SW8270D	
N-Nitrosodi-n-propylamine	ND	200	130	ug/Kg	1	02/28/18	DD	SW8270D	
N-Nitrosodiphenylamine	ND	270	150	ug/Kg	1	02/28/18	DD	SW8270D	
Pentachloronitrobenzene	ND	270	150	ug/Kg	1	02/28/18	DD	SW8270D	
Pentachlorophenol	ND	230	150	ug/Kg	1	02/28/18	DD	SW8270D	
Phenanthrene	2400	270	110	ug/Kg	1	02/28/18	DD	SW8270D	
Phenol	ND	270	130	ug/Kg	1	02/28/18	DD	SW8270D	
Pyrene	2700	270	130	ug/Kg	1	02/28/18	DD	SW8270D	
Pyridine	ND	270	96	ug/Kg	1	02/28/18	DD	SW8270D	
QA/QC Surrogates									
% 2,4,6-Tribromophenol	87			%	1	02/28/18	DD	30 - 130 %	
% 2-Fluorobiphenyl	66			%	1	02/28/18	DD	30 - 130 %	
% 2-Fluorophenol	53			%	1	02/28/18	DD	30 - 130 %	
% Nitrobenzene-d5	70			%	1	02/28/18	DD	30 - 130 %	
% Phenol-d5	63			%	1	02/28/18	DD	30 - 130 %	
% Terphenyl-d14	68			%	1	02/28/18	DD	30 - 130 %	
Field Extraction	Completed					02/23/18		SW5035A	1

1 = This parameter is not certified by NY NELAC for this matrix. NY NELAC does not offer certification for all parameters at this time.

RL/PQL=Reporting/Practical Quantitation Level (Equivalent to NELAC LOQ, Limit of Quantitation) ND=Not Detected BRL=Below Reporting Level L=Biased Low J=Estimated Below RL LOD=Limit of Detection MDL=Method Detection Limit1
QA/QC Surrogates: Surrogates are compounds (preceeded with a %) added by the lab to determine analysis efficiency. Surrogate results(%) listed in the report are not "detected" compounds.

Comments:

Per 1.4.6 of EPA method 8270D, 1,2-Diphenylhydrazine is unstable and readily converts to Azobenzene. Azobenzene is used for the calibration of 1,2-Diphenylhydrazine.

Please be advised that the NY 375 soil criteria for chromium are based on hexavalent chromium and trivalent chromium.

Pesticide Comment:
Matrix interference was oberved due to the presence of suspected PCBs in the sample.

All soils, solids and sludges are reported on a dry weight basis unless otherwise noted in the sample comments.

S - Laboratory solvent, contamination is possible.

If there are any questions regarding this data, please call Phoenix Client Services.

Phyllis Shiller, Laboratory Director
March 05, 2018
Reviewed and Released by: Phyllis Shiller, Laboratory Director

Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102 Fax (860) 645-0823

ACCREDITED IN ACCORDANCE WITH nelac NY # 11301

Analysis Report

March 05, 2018

FOR: Attn: Mr. Charles B. Sosik, P.G.
Environmental Business Consultants
1808 Middle Country Rd
Ridge NY 11961-2406

Sample Information		Custody Information		Date	Time
Matrix:	SOIL	Collected by:	HL	02/23/18	
Location Code:	EBC	Received by:	LB	02/26/18	13:20
Rush Request:	72 Hour	Analyzed by:	see "By" below		
P.O.#:					

Laboratory Data

SDG ID: GBZ94512
Phoenix ID: BZ94518

Project ID: BEACH 62ND ST., QUEENS, NY
Client ID: SB 7

Parameter	Result		RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
Silver	ND		0.37	0.37	mg/Kg	1	02/27/18	MA	SW6010C
Aluminum	3440		37	7.4	mg/Kg	10	02/27/18	MA	SW6010C
Arsenic	2.44		0.74	0.74	mg/Kg	1	02/27/18	MA	SW6010C
Barium	46.6		0.7	0.37	mg/Kg	1	02/27/18	MA	SW6010C
Beryllium	0.18	J	0.30	0.15	mg/Kg	1	02/27/18	MA	SW6010C
Calcium	10600		3.7	3.4	mg/Kg	1	02/27/18	MA	SW6010C
Cadmium	ND		0.37	0.37	mg/Kg	1	02/27/18	MA	SW6010C
Cobalt	2.65		0.37	0.37	mg/Kg	1	02/27/18	MA	SW6010C
Chromium	8.85		0.37	0.37	mg/Kg	1	02/27/18	MA	SW6010C
Copper	17.6		0.37	0.37	mg/kg	1	02/27/18	MA	SW6010C
Iron	7340		3.7	3.7	mg/Kg	1	02/27/18	MA	SW6010C
Mercury	0.09	J	0.14	0.09	mg/Kg	1	02/27/18	RS	SW7471B
Potassium	466		7	2.9	mg/Kg	1	02/27/18	MA	SW6010C
Magnesium	4300		3.7	3.7	mg/Kg	1	02/27/18	MA	SW6010C
Manganese	100		0.37	0.37	mg/Kg	1	02/27/18	MA	SW6010C
Sodium	150		7	3.2	mg/Kg	1	02/27/18	MA	SW6010C
Nickel	6.49		0.37	0.37	mg/Kg	1	02/27/18	MA	SW6010C
Lead	79.3		0.7	0.37	mg/Kg	1	02/27/18	MA	SW6010C
Antimony	ND		1.8	1.8	mg/Kg	1	02/27/18	MA	SW6010C
Selenium	ND		1.5	1.3	mg/Kg	1	02/27/18	MA	SW6010C
Thallium	ND		1.5	1.5	mg/Kg	1	02/27/18	MA	SW6010C
Vanadium	16.2		0.37	0.37	mg/Kg	1	02/27/18	MA	SW6010C
Zinc	65.6		0.7	0.37	mg/Kg	1	02/27/18	MA	SW6010C
Percent Solid	88				%		02/26/18	AP	SW846-%Solid
Soil Extraction for PCB	Completed						02/27/18	/V	SW3545A
Soil Extraction for Pesticides	Completed						02/27/18	/V	SW3545A
Soil Extraction for SVOA	Completed						02/27/18	JJ/CKV	SW3545A
Mercury Digestion	Completed						02/27/18	I/I	SW7471B

Ver 1

Project ID: BEACH 62ND ST., QUEENS, NY
Client ID: SB 7

Phoenix I.D.: BZ94518

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
Total Metals Digest	Completed					02/26/18	B/X/BF	SW3050B
Polychlorinated Biphenyls								
PCB-1016	ND	76	76	ug/Kg	2	03/01/18	AW	SW8082A
PCB-1221	ND	76	76	ug/Kg	2	03/01/18	AW	SW8082A
PCB-1232	ND	76	76	ug/Kg	2	03/01/18	AW	SW8082A
PCB-1242	ND	76	76	ug/Kg	2	03/01/18	AW	SW8082A
PCB-1248	ND	76	76	ug/Kg	2	03/01/18	AW	SW8082A
PCB-1254	ND	76	76	ug/Kg	2	03/01/18	AW	SW8082A
PCB-1260	ND	76	76	ug/Kg	2	03/01/18	AW	SW8082A
PCB-1262	ND	76	76	ug/Kg	2	03/01/18	AW	SW8082A
PCB-1268	ND	76	76	ug/Kg	2	03/01/18	AW	SW8082A
QA/QC Surrogates								
% DCBP	83			%	2	03/01/18	AW	40 - 140 %
% TCMX	77			%	2	03/01/18	AW	40 - 140 %
Pesticides - Soil								
4,4' -DDD	ND	2.3	2.3	ug/Kg	2	02/28/18	CW	SW8081B
4,4' -DDE	ND	2.3	2.3	ug/Kg	2	02/28/18	CW	SW8081B
4,4' -DDT	ND	2.3	2.3	ug/Kg	2	02/28/18	CW	SW8081B
a-BHC	ND	7.6	7.6	ug/Kg	2	02/28/18	CW	SW8081B
a-Chlordane	ND	3.8	3.8	ug/Kg	2	02/28/18	CW	SW8081B
Aldrin	ND	3.8	3.8	ug/Kg	2	02/28/18	CW	SW8081B
b-BHC	ND	7.6	7.6	ug/Kg	2	02/28/18	CW	SW8081B
Chlordane	ND	38	38	ug/Kg	2	02/28/18	CW	SW8081B
d-BHC	ND	7.6	7.6	ug/Kg	2	02/28/18	CW	SW8081B
Dieldrin	ND	3.8	3.8	ug/Kg	2	02/28/18	CW	SW8081B
Endosulfan I	ND	7.6	7.6	ug/Kg	2	02/28/18	CW	SW8081B
Endosulfan II	ND	7.6	7.6	ug/Kg	2	02/28/18	CW	SW8081B
Endosulfan sulfate	ND	7.6	7.6	ug/Kg	2	02/28/18	CW	SW8081B
Endrin	ND	7.6	7.6	ug/Kg	2	02/28/18	CW	SW8081B
Endrin aldehyde	ND	7.6	7.6	ug/Kg	2	02/28/18	CW	SW8081B
Endrin ketone	ND	7.6	7.6	ug/Kg	2	02/28/18	CW	SW8081B
g-BHC	ND	1.5	1.5	ug/Kg	2	02/28/18	CW	SW8081B
g-Chlordane	ND	3.8	3.8	ug/Kg	2	02/28/18	CW	SW8081B
Heptachlor	ND	7.6	7.6	ug/Kg	2	02/28/18	CW	SW8081B
Heptachlor epoxide	ND	7.6	7.6	ug/Kg	2	02/28/18	CW	SW8081B
Methoxychlor	ND	38	38	ug/Kg	2	02/28/18	CW	SW8081B
Toxaphene	ND	150	150	ug/Kg	2	02/28/18	CW	SW8081B
QA/QC Surrogates								
% DCBP	73			%	2	02/28/18	CW	40 - 140 %
% TCMX	73			%	2	02/28/18	CW	40 - 140 %
Volatiles								
1,1,1,2-Tetrachloroethane	ND	5.5	1.1	ug/Kg	1	03/01/18	JLI	SW8260C
1,1,1-Trichloroethane	ND	5.5	0.55	ug/Kg	1	03/01/18	JLI	SW8260C
1,1,2,2-Tetrachloroethane	ND	310	62	ug/Kg	50	03/01/18	JLI	SW8260C
1,1,2-Trichloroethane	ND	5.5	1.1	ug/Kg	1	03/01/18	JLI	SW8260C
1,1-Dichloroethane	ND	5.5	1.1	ug/Kg	1	03/01/18	JLI	SW8260C
1,1-Dichloroethene	ND	5.5	0.55	ug/Kg	1	03/01/18	JLI	SW8260C

Project ID: BEACH 62ND ST., QUEENS, NY

Client ID: SB 7

Phoenix I.D.: BZ94518

Parameter	Result		RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference	
1,1-Dichloropropene	ND		5.5	0.55	ug/Kg	1	03/01/18	JLI	SW8260C	
1,2,3-Trichlorobenzene	ND		310	62	ug/Kg	50	03/01/18	JLI	SW8260C	
1,2,3-Trichloropropane	ND		310	31	ug/Kg	50	03/01/18	JLI	SW8260C	
1,2,4-Trichlorobenzene	ND		310	62	ug/Kg	50	03/01/18	JLI	SW8260C	
1,2,4-Trimethylbenzene	ND		310	31	ug/Kg	50	03/01/18	JLI	SW8260C	
1,2-Dibromo-3-chloropropane	ND		310	62	ug/Kg	50	03/01/18	JLI	SW8260C	
1,2-Dibromoethane	ND		5.5	0.55	ug/Kg	1	03/01/18	JLI	SW8260C	
1,2-Dichlorobenzene	ND		310	31	ug/Kg	50	03/01/18	JLI	SW8260C	
1,2-Dichloroethane	ND		5.5	0.55	ug/Kg	1	03/01/18	JLI	SW8260C	
1,2-Dichloropropane	ND		5.5	1.1	ug/Kg	1	03/01/18	JLI	SW8260C	
1,3,5-Trimethylbenzene	ND		310	31	ug/Kg	50	03/01/18	JLI	SW8260C	
1,3-Dichlorobenzene	ND		310	31	ug/Kg	50	03/01/18	JLI	SW8260C	
1,3-Dichloropropane	ND		5.5	1.1	ug/Kg	1	03/01/18	JLI	SW8260C	
1,4-Dichlorobenzene	ND		310	31	ug/Kg	50	03/01/18	JLI	SW8260C	
2,2-Dichloropropane	ND		5.5	0.55	ug/Kg	1	03/01/18	JLI	SW8260C	
2-Chlorotoluene	ND		310	62	ug/Kg	50	03/01/18	JLI	SW8260C	
2-Hexanone	ND		27	5.5	ug/Kg	1	03/01/18	JLI	SW8260C	
2-Isopropyltoluene	ND		310	31	ug/Kg	50	03/01/18	JLI	SW8260C	1
4-Chlorotoluene	ND		310	31	ug/Kg	50	03/01/18	JLI	SW8260C	
4-Methyl-2-pentanone	ND		27	5.5	ug/Kg	1	03/01/18	JLI	SW8260C	
Acetone	120	S	27	5.5	ug/Kg	1	03/01/18	JLI	SW8260C	
Acrylonitrile	ND		11	1.1	ug/Kg	1	03/01/18	JLI	SW8260C	
Benzene	86	J	310	31	ug/Kg	50	03/01/18	JLI	SW8260C	
Bromobenzene	ND		310	31	ug/Kg	50	03/01/18	JLI	SW8260C	
Bromochloromethane	ND		5.5	0.55	ug/Kg	1	03/01/18	JLI	SW8260C	
Bromodichloromethane	ND		5.5	1.1	ug/Kg	1	03/01/18	JLI	SW8260C	
Bromoform	ND		5.5	1.1	ug/Kg	1	03/01/18	JLI	SW8260C	
Bromomethane	ND		5.5	2.2	ug/Kg	1	03/01/18	JLI	SW8260C	
Carbon Disulfide	4.1	J	5.5	1.1	ug/Kg	1	03/01/18	JLI	SW8260C	
Carbon tetrachloride	ND		5.5	1.1	ug/Kg	1	03/01/18	JLI	SW8260C	
Chlorobenzene	ND		5.5	0.55	ug/Kg	1	03/01/18	JLI	SW8260C	
Chloroethane	ND		5.5	0.55	ug/Kg	1	03/01/18	JLI	SW8260C	
Chloroform	ND		5.5	0.55	ug/Kg	1	03/01/18	JLI	SW8260C	
Chloromethane	ND		5.5	1.1	ug/Kg	1	03/01/18	JLI	SW8260C	
cis-1,2-Dichloroethene	ND		5.5	0.55	ug/Kg	1	03/01/18	JLI	SW8260C	
cis-1,3-Dichloropropene	ND		5.5	0.55	ug/Kg	1	03/01/18	JLI	SW8260C	
Dibromochloromethane	ND		5.5	1.1	ug/Kg	1	03/01/18	JLI	SW8260C	
Dibromomethane	ND		5.5	1.1	ug/Kg	1	03/01/18	JLI	SW8260C	
Dichlorodifluoromethane	ND		5.5	0.55	ug/Kg	1	03/01/18	JLI	SW8260C	
Ethylbenzene	ND		5.5	0.55	ug/Kg	1	03/01/18	JLI	SW8260C	
Hexachlorobutadiene	ND		310	31	ug/Kg	50	03/01/18	JLI	SW8260C	
Isopropylbenzene	ND		310	31	ug/Kg	50	03/01/18	JLI	SW8260C	
m&p-Xylene	ND		5.5	1.1	ug/Kg	1	03/01/18	JLI	SW8260C	
Methyl Ethyl Ketone	22	J	33	5.5	ug/Kg	1	03/01/18	JLI	SW8260C	
Methyl t-butyl ether (MTBE)	ND		11	1.1	ug/Kg	1	03/01/18	JLI	SW8260C	
Methylene chloride	ND		5.5	5.5	ug/Kg	1	03/01/18	JLI	SW8260C	
Naphthalene	ND		310	62	ug/Kg	50	03/01/18	JLI	SW8260C	
n-Butylbenzene	ND		310	31	ug/Kg	50	03/01/18	JLI	SW8260C	
n-Propylbenzene	ND		310	62	ug/Kg	50	03/01/18	JLI	SW8260C	

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Parameter	Result		RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference	
o-Xylene	ND		5.5	1.1	ug/Kg	1	03/01/18	JLI	SW8260C	
p-Isopropyltoluene	640		310	31	ug/Kg	50	03/01/18	JLI	SW8260C	
sec-Butylbenzene	ND		310	31	ug/Kg	50	03/01/18	JLI	SW8260C	
Styrene	ND		5.5	0.55	ug/Kg	1	03/01/18	JLI	SW8260C	
tert-Butylbenzene	ND		310	31	ug/Kg	50	03/01/18	JLI	SW8260C	
Tetrachloroethene	ND		5.5	1.1	ug/Kg	1	03/01/18	JLI	SW8260C	
Tetrahydrofuran (THF)	8.1	J	11	2.7	ug/Kg	1	03/01/18	JLI	SW8260C	1
Toluene	39	J	310	31	ug/Kg	50	03/01/18	JLI	SW8260C	
trans-1,2-Dichloroethene	ND		5.5	0.55	ug/Kg	1	03/01/18	JLI	SW8260C	
trans-1,3-Dichloropropene	ND		5.5	0.55	ug/Kg	1	03/01/18	JLI	SW8260C	
trans-1,4-dichloro-2-butene	ND		620	150	ug/Kg	50	03/01/18	JLI	SW8260C	
Trichloroethene	ND		5.5	0.55	ug/Kg	1	03/01/18	JLI	SW8260C	
Trichlorofluoromethane	ND		5.5	1.1	ug/Kg	1	03/01/18	JLI	SW8260C	
Trichlorotrifluoroethane	ND		5.5	0.55	ug/Kg	1	03/01/18	JLI	SW8260C	
Vinyl chloride	ND		5.5	0.55	ug/Kg	1	03/01/18	JLI	SW8260C	
QA/QC Surrogates										
% 1,2-dichlorobenzene-d4	98				%	50	03/01/18	JLI	70 - 130 %	
% Bromofluorobenzene	93				%	50	03/01/18	JLI	70 - 130 %	
% Dibromofluoromethane	94				%	1	03/01/18	JLI	70 - 130 %	
% Toluene-d8	86				%	1	03/01/18	JLI	70 - 130 %	
1,4-dioxane										
1,4-dioxane	ND		82	44	ug/kg	1	03/01/18	JLI	SW8260C	
QA/QC Surrogates										
% 1,2-dichlorobenzene-d4	105				%	1	03/01/18	JLI	70 - 130 %	
% Bromofluorobenzene	72				%	1	03/01/18	JLI	70 - 130 %	
% Toluene-d8	86				%	1	03/01/18	JLI	70 - 130 %	
Volatiles										
1,1,1,2-Tetrachloroethane	ND		22	1.1	ug/Kg	1	03/01/18	JLI	SW8260C	
Acrolein	ND		5.5	1.1	ug/Kg	1	03/01/18	JLI	SW8260C	
Acrylonitrile	ND		22	0.55	ug/Kg	1	03/01/18	JLI	SW8260C	
Tert-butyl alcohol	ND		110	22	ug/Kg	1	03/01/18	JLI	SW8260C	
Semivolatiles										
1,2,4,5-Tetrachlorobenzene	ND		260	130	ug/Kg	1	02/28/18	DD	SW8270D	
1,2,4-Trichlorobenzene	ND		260	110	ug/Kg	1	02/28/18	DD	SW8270D	
1,2-Dichlorobenzene	ND		260	100	ug/Kg	1	02/28/18	DD	SW8270D	
1,2-Diphenylhydrazine	ND		260	120	ug/Kg	1	02/28/18	DD	SW8270D	
1,3-Dichlorobenzene	ND		260	110	ug/Kg	1	02/28/18	DD	SW8270D	
1,4-Dichlorobenzene	ND		260	110	ug/Kg	1	02/28/18	DD	SW8270D	
2,4,5-Trichlorophenol	ND		260	200	ug/Kg	1	02/28/18	DD	SW8270D	
2,4,6-Trichlorophenol	ND		190	120	ug/Kg	1	02/28/18	DD	SW8270D	
2,4-Dichlorophenol	ND		190	130	ug/Kg	1	02/28/18	DD	SW8270D	
2,4-Dimethylphenol	ND		260	92	ug/Kg	1	02/28/18	DD	SW8270D	
2,4-Dinitrophenol	ND		260	260	ug/Kg	1	02/28/18	DD	SW8270D	
2,4-Dinitrotoluene	ND		190	150	ug/Kg	1	02/28/18	DD	SW8270D	
2,6-Dinitrotoluene	ND		190	120	ug/Kg	1	02/28/18	DD	SW8270D	
2-Chloronaphthalene	ND		260	110	ug/Kg	1	02/28/18	DD	SW8270D	
2-Chlorophenol	ND		260	110	ug/Kg	1	02/28/18	DD	SW8270D	

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Parameter	Result		RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference	
2-Methylnaphthalene	ND		260	110	ug/Kg	1	02/28/18	DD	SW8270D	
2-Methylphenol (o-cresol)	ND		260	170	ug/Kg	1	02/28/18	DD	SW8270D	
2-Nitroaniline	ND		260	260	ug/Kg	1	02/28/18	DD	SW8270D	
2-Nitrophenol	ND		260	240	ug/Kg	1	02/28/18	DD	SW8270D	
3&4-Methylphenol (m&p-cresol)	ND		260	150	ug/Kg	1	02/28/18	DD	SW8270D	1
3,3'-Dichlorobenzidine	ND		190	180	ug/Kg	1	02/28/18	DD	SW8270D	
3-Nitroaniline	ND		370	740	ug/Kg	1	02/28/18	DD	SW8270D	
4,6-Dinitro-2-methylphenol	ND		220	74	ug/Kg	1	02/28/18	DD	SW8270D	
4-Bromophenyl phenyl ether	ND		260	110	ug/Kg	1	02/28/18	DD	SW8270D	
4-Chloro-3-methylphenol	ND		260	130	ug/Kg	1	02/28/18	DD	SW8270D	
4-Chloroaniline	ND		300	170	ug/Kg	1	02/28/18	DD	SW8270D	
4-Chlorophenyl phenyl ether	ND		260	120	ug/Kg	1	02/28/18	DD	SW8270D	
4-Nitroaniline	ND		370	120	ug/Kg	1	02/28/18	DD	SW8270D	
4-Nitrophenol	ND		370	170	ug/Kg	1	02/28/18	DD	SW8270D	
Acenaphthene	180	J	260	110	ug/Kg	1	02/28/18	DD	SW8270D	
Acenaphthylene	120	J	260	100	ug/Kg	1	02/28/18	DD	SW8270D	
Acetophenone	ND		260	120	ug/Kg	1	02/28/18	DD	SW8270D	
Aniline	ND		300	300	ug/Kg	1	02/28/18	DD	SW8270D	
Anthracene	570		260	120	ug/Kg	1	02/28/18	DD	SW8270D	
Benz(a)anthracene	1300		260	120	ug/Kg	1	02/28/18	DD	SW8270D	
Benzidine	ND		370	220	ug/Kg	1	02/28/18	DD	SW8270D	
Benzo(a)pyrene	960		190	120	ug/Kg	1	02/28/18	DD	SW8270D	
Benzo(b)fluoranthene	890		260	130	ug/Kg	1	02/28/18	DD	SW8270D	
Benzo(ghi)perylene	570		260	120	ug/Kg	1	02/28/18	DD	SW8270D	
Benzo(k)fluoranthene	780		260	120	ug/Kg	1	02/28/18	DD	SW8270D	
Benzoic acid	ND		1900	740	ug/Kg	1	02/28/18	DD	SW8270D	
Benzyl butyl phthalate	ND		260	96	ug/Kg	1	02/28/18	DD	SW8270D	
Bis(2-chloroethoxy)methane	ND		260	100	ug/Kg	1	02/28/18	DD	SW8270D	
Bis(2-chloroethyl)ether	ND		190	100	ug/Kg	1	02/28/18	DD	SW8270D	
Bis(2-chloroisopropyl)ether	ND		260	100	ug/Kg	1	02/28/18	DD	SW8270D	
Bis(2-ethylhexyl)phthalate	ND		260	110	ug/Kg	1	02/28/18	DD	SW8270D	
Carbazole	160	J	190	150	ug/Kg	1	02/28/18	DD	SW8270D	
Chrysene	1400		260	120	ug/Kg	1	02/28/18	DD	SW8270D	
Dibenz(a,h)anthracene	180	J	190	120	ug/Kg	1	02/28/18	DD	SW8270D	
Dibenzofuran	ND		260	110	ug/Kg	1	02/28/18	DD	SW8270D	
Diethyl phthalate	ND		260	120	ug/Kg	1	02/28/18	DD	SW8270D	
Dimethylphthalate	ND		260	120	ug/Kg	1	02/28/18	DD	SW8270D	
Di-n-butylphthalate	ND		260	99	ug/Kg	1	02/28/18	DD	SW8270D	
Di-n-octylphthalate	ND		260	96	ug/Kg	1	02/28/18	DD	SW8270D	
Fluoranthene	2400		260	120	ug/Kg	1	02/28/18	DD	SW8270D	
Fluorene	370		260	120	ug/Kg	1	02/28/18	DD	SW8270D	
Hexachlorobenzene	ND		190	110	ug/Kg	1	02/28/18	DD	SW8270D	
Hexachlorobutadiene	ND		260	130	ug/Kg	1	02/28/18	DD	SW8270D	
Hexachlorocyclopentadiene	ND		260	110	ug/Kg	1	02/28/18	DD	SW8270D	
Hexachloroethane	ND		190	110	ug/Kg	1	02/28/18	DD	SW8270D	
Indeno(1,2,3-cd)pyrene	540		260	120	ug/Kg	1	02/28/18	DD	SW8270D	
Isophorone	ND		190	100	ug/Kg	1	02/28/18	DD	SW8270D	
Naphthalene	ND		260	110	ug/Kg	1	02/28/18	DD	SW8270D	
Nitrobenzene	ND		190	130	ug/Kg	1	02/28/18	DD	SW8270D	

Project ID: BEACH 62ND ST., QUEENS, NY
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Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference	
N-Nitrosodimethylamine	ND	260	100	ug/Kg	1	02/28/18	DD	SW8270D	
N-Nitrosodi-n-propylamine	ND	190	120	ug/Kg	1	02/28/18	DD	SW8270D	
N-Nitrosodiphenylamine	ND	260	140	ug/Kg	1	02/28/18	DD	SW8270D	
Pentachloronitrobenzene	ND	260	140	ug/Kg	1	02/28/18	DD	SW8270D	
Pentachlorophenol	ND	220	140	ug/Kg	1	02/28/18	DD	SW8270D	
Phenanthrene	2600	260	110	ug/Kg	1	02/28/18	DD	SW8270D	
Phenol	ND	260	120	ug/Kg	1	02/28/18	DD	SW8270D	
Pyrene	2500	260	130	ug/Kg	1	02/28/18	DD	SW8270D	
Pyridine	ND	260	91	ug/Kg	1	02/28/18	DD	SW8270D	
QA/QC Surrogates									
% 2,4,6-Tribromophenol	82			%	1	02/28/18	DD	30 - 130 %	
% 2-Fluorobiphenyl	66			%	1	02/28/18	DD	30 - 130 %	
% 2-Fluorophenol	53			%	1	02/28/18	DD	30 - 130 %	
% Nitrobenzene-d5	74			%	1	02/28/18	DD	30 - 130 %	
% Phenol-d5	63			%	1	02/28/18	DD	30 - 130 %	
% Terphenyl-d14	66			%	1	02/28/18	DD	30 - 130 %	
Field Extraction	Completed					02/23/18		SW5035A	1

1 = This parameter is not certified by NY NELAC for this matrix. NY NELAC does not offer certification for all parameters at this time.

RL/PQL=Reporting/Practical Quantitation Level (Equivalent to NELAC LOQ, Limit of Quantitation) ND=Not Detected BRL=Below Reporting Level L=Biased Low J=Estimated Below RL LOD=Limit of Detection MDL=Method Detection Limit1
QA/QC Surrogates: Surrogates are compounds (preceeded with a %) added by the lab to determine analysis efficiency. Surrogate results(%) listed in the report are not "detected" compounds.

Comments:

Per 1.4.6 of EPA method 8270D, 1,2-Diphenylhydrazine is unstable and readily converts to Azobenzene. Azobenzene is used for the calibration of 1,2-Diphenylhydrazine.

Please be advised that the NY 375 soil criteria for chromium are based on hexavalent chromium and trivalent chromium.

Volatile Comment:
There was a suppression of the last internal standard in the low level analysis, all affected compounds are reported from the methanol preserved high level analysis which did not exhibit this interference.

All soils, solids and sludges are reported on a dry weight basis unless otherwise noted in the sample comments.

S - Laboratory solvent, contamination is possible.

If there are any questions regarding this data, please call Phoenix Client Services.

Phyllis Shiller, Laboratory Director
March 05, 2018
Reviewed and Released by: Phyllis Shiller, Laboratory Director

Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102 Fax (860) 645-0823

ACCREDITED IN ACCORDANCE WITH nelac NY # 11301

Analysis Report

March 05, 2018

FOR: Attn: Mr. Charles B. Sosik, P.G.
Environmental Business Consultants
1808 Middle Country Rd
Ridge NY 11961-2406

Sample Information		Custody Information		Date	Time
Matrix:	SOIL	Collected by:	HL	02/23/18	
Location Code:	EBC	Received by:	LB	02/26/18	13:20
Rush Request:	72 Hour	Analyzed by:	see "By" below		
P.O.#:					

Laboratory Data

SDG ID: GBZ94512
Phoenix ID: BZ94519

Project ID: BEACH 62ND ST., QUEENS, NY
Client ID: SB 8

Parameter	Result		RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
Silver	ND		0.35	0.35	mg/Kg	1	02/27/18	MA	SW6010C
Aluminum	4630		35	7.0	mg/Kg	10	02/27/18	MA	SW6010C
Arsenic	2.80		0.70	0.70	mg/Kg	1	02/27/18	MA	SW6010C
Barium	69.4		0.7	0.35	mg/Kg	1	02/27/18	MA	SW6010C
Beryllium	0.16	J	0.28	0.14	mg/Kg	1	02/27/18	MA	SW6010C
Calcium	11500		35	32	mg/Kg	10	02/27/18	MA	SW6010C
Cadmium	ND		0.35	0.35	mg/Kg	1	02/27/18	MA	SW6010C
Cobalt	4.10		0.35	0.35	mg/Kg	1	02/27/18	MA	SW6010C
Chromium	9.09		0.35	0.35	mg/Kg	1	02/27/18	MA	SW6010C
Copper	22.6		0.35	0.35	mg/kg	1	02/27/18	MA	SW6010C
Iron	10000		35	35	mg/Kg	10	02/27/18	MA	SW6010C
Mercury	ND		0.14	0.08	mg/Kg	1	02/27/18	RS	SW7471B
Potassium	521		7	2.7	mg/Kg	1	02/27/18	MA	SW6010C
Magnesium	2160		3.5	3.5	mg/Kg	1	02/27/18	MA	SW6010C
Manganese	133		0.35	0.35	mg/Kg	1	02/27/18	MA	SW6010C
Sodium	402		7	3.0	mg/Kg	1	02/27/18	MA	SW6010C
Nickel	7.26		0.35	0.35	mg/Kg	1	02/27/18	MA	SW6010C
Lead	89.5		0.7	0.35	mg/Kg	1	02/27/18	MA	SW6010C
Antimony	ND		1.7	1.7	mg/Kg	1	02/27/18	MA	SW6010C
Selenium	ND		1.4	1.2	mg/Kg	1	02/27/18	MA	SW6010C
Thallium	ND		1.4	1.4	mg/Kg	1	02/27/18	MA	SW6010C
Vanadium	15.5		0.35	0.35	mg/Kg	1	02/27/18	MA	SW6010C
Zinc	78.2		0.7	0.35	mg/Kg	1	02/27/18	MA	SW6010C
Percent Solid	91				%		02/26/18	AP	SW846-%Solid
Soil Extraction for PCB	Completed						02/27/18	/V	SW3545A
Soil Extraction for Pesticides	Completed						02/27/18	/V	SW3545A
Soil Extraction for SVOA	Completed						02/27/18	JJ/CKV	SW3545A
Mercury Digestion	Completed						02/27/18	I/I	SW7471B

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Client ID: SB 8

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Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
Total Metals Digest	Completed					02/26/18	B/X/BF	SW3050B
Polychlorinated Biphenyls								
PCB-1016	ND	73	73	ug/Kg	2	03/01/18	AW	SW8082A
PCB-1221	ND	73	73	ug/Kg	2	03/01/18	AW	SW8082A
PCB-1232	ND	73	73	ug/Kg	2	03/01/18	AW	SW8082A
PCB-1242	ND	73	73	ug/Kg	2	03/01/18	AW	SW8082A
PCB-1248	ND	73	73	ug/Kg	2	03/01/18	AW	SW8082A
PCB-1254	ND	73	73	ug/Kg	2	03/01/18	AW	SW8082A
PCB-1260	ND	73	73	ug/Kg	2	03/01/18	AW	SW8082A
PCB-1262	ND	73	73	ug/Kg	2	03/01/18	AW	SW8082A
PCB-1268	ND	73	73	ug/Kg	2	03/01/18	AW	SW8082A
QA/QC Surrogates								
% DCBP	71			%	2	03/01/18	AW	40 - 140 %
% TCMX	67			%	2	03/01/18	AW	40 - 140 %
Pesticides - Soil								
4,4' -DDD	ND	2.2	2.2	ug/Kg	2	02/28/18	CW	SW8081B
4,4' -DDE	ND	2.2	2.2	ug/Kg	2	02/28/18	CW	SW8081B
4,4' -DDT	ND	2.2	2.2	ug/Kg	2	02/28/18	CW	SW8081B
a-BHC	ND	7.3	7.3	ug/Kg	2	02/28/18	CW	SW8081B
a-Chlordane	ND	3.6	3.6	ug/Kg	2	02/28/18	CW	SW8081B
Aldrin	ND	3.6	3.6	ug/Kg	2	02/28/18	CW	SW8081B
b-BHC	ND	7.3	7.3	ug/Kg	2	02/28/18	CW	SW8081B
Chlordane	ND	36	36	ug/Kg	2	02/28/18	CW	SW8081B
d-BHC	ND	7.3	7.3	ug/Kg	2	02/28/18	CW	SW8081B
Dieldrin	ND	3.6	3.6	ug/Kg	2	02/28/18	CW	SW8081B
Endosulfan I	ND	7.3	7.3	ug/Kg	2	02/28/18	CW	SW8081B
Endosulfan II	ND	7.3	7.3	ug/Kg	2	02/28/18	CW	SW8081B
Endosulfan sulfate	ND	7.3	7.3	ug/Kg	2	02/28/18	CW	SW8081B
Endrin	ND	7.3	7.3	ug/Kg	2	02/28/18	CW	SW8081B
Endrin aldehyde	ND	7.3	7.3	ug/Kg	2	02/28/18	CW	SW8081B
Endrin ketone	ND	7.3	7.3	ug/Kg	2	02/28/18	CW	SW8081B
g-BHC	ND	1.5	1.5	ug/Kg	2	02/28/18	CW	SW8081B
g-Chlordane	ND	3.6	3.6	ug/Kg	2	02/28/18	CW	SW8081B
Heptachlor	ND	7.3	7.3	ug/Kg	2	02/28/18	CW	SW8081B
Heptachlor epoxide	ND	7.3	7.3	ug/Kg	2	02/28/18	CW	SW8081B
Methoxychlor	ND	36	36	ug/Kg	2	02/28/18	CW	SW8081B
Toxaphene	ND	150	150	ug/Kg	2	02/28/18	CW	SW8081B
QA/QC Surrogates								
% DCBP	59			%	2	02/28/18	CW	40 - 140 %
% TCMX	58			%	2	02/28/18	CW	40 - 140 %
Volatiles								
1,1,1,2-Tetrachloroethane	ND	6.3	1.3	ug/Kg	1	03/01/18	JLI	SW8260C
1,1,1-Trichloroethane	ND	6.3	0.63	ug/Kg	1	03/01/18	JLI	SW8260C
1,1,2,2-Tetrachloroethane	ND	6.3	1.3	ug/Kg	1	03/01/18	JLI	SW8260C
1,1,2-Trichloroethane	ND	6.3	1.3	ug/Kg	1	03/01/18	JLI	SW8260C
1,1-Dichloroethane	ND	6.3	1.3	ug/Kg	1	03/01/18	JLI	SW8260C
1,1-Dichloroethene	ND	6.3	0.63	ug/Kg	1	03/01/18	JLI	SW8260C

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Parameter	Result		RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference	
1,1-Dichloropropene	ND		6.3	0.63	ug/Kg	1	03/01/18	JLI	SW8260C	
1,2,3-Trichlorobenzene	ND		6.3	1.3	ug/Kg	1	03/01/18	JLI	SW8260C	
1,2,3-Trichloropropane	ND		6.3	0.63	ug/Kg	1	03/01/18	JLI	SW8260C	
1,2,4-Trichlorobenzene	ND		6.3	1.3	ug/Kg	1	03/01/18	JLI	SW8260C	
1,2,4-Trimethylbenzene	ND		6.3	0.63	ug/Kg	1	03/01/18	JLI	SW8260C	
1,2-Dibromo-3-chloropropane	ND		6.3	1.3	ug/Kg	1	03/01/18	JLI	SW8260C	
1,2-Dibromoethane	ND		6.3	0.63	ug/Kg	1	03/01/18	JLI	SW8260C	
1,2-Dichlorobenzene	ND		6.3	0.63	ug/Kg	1	03/01/18	JLI	SW8260C	
1,2-Dichloroethane	ND		6.3	0.63	ug/Kg	1	03/01/18	JLI	SW8260C	
1,2-Dichloropropane	ND		6.3	1.3	ug/Kg	1	03/01/18	JLI	SW8260C	
1,3,5-Trimethylbenzene	ND		6.3	0.63	ug/Kg	1	03/01/18	JLI	SW8260C	
1,3-Dichlorobenzene	ND		6.3	0.63	ug/Kg	1	03/01/18	JLI	SW8260C	
1,3-Dichloropropane	ND		6.3	1.3	ug/Kg	1	03/01/18	JLI	SW8260C	
1,4-Dichlorobenzene	ND		6.3	0.63	ug/Kg	1	03/01/18	JLI	SW8260C	
2,2-Dichloropropane	ND		6.3	0.63	ug/Kg	1	03/01/18	JLI	SW8260C	
2-Chlorotoluene	ND		6.3	1.3	ug/Kg	1	03/01/18	JLI	SW8260C	
2-Hexanone	ND		32	6.3	ug/Kg	1	03/01/18	JLI	SW8260C	
2-Isopropyltoluene	ND		6.3	0.63	ug/Kg	1	03/01/18	JLI	SW8260C	1
4-Chlorotoluene	ND		6.3	0.63	ug/Kg	1	03/01/18	JLI	SW8260C	
4-Methyl-2-pentanone	ND		32	6.3	ug/Kg	1	03/01/18	JLI	SW8260C	
Acetone	99	S	32	6.3	ug/Kg	1	03/01/18	JLI	SW8260C	
Acrylonitrile	ND		13	1.3	ug/Kg	1	03/01/18	JLI	SW8260C	
Benzene	4.7	J	6.3	0.63	ug/Kg	1	03/01/18	JLI	SW8260C	
Bromobenzene	ND		6.3	0.63	ug/Kg	1	03/01/18	JLI	SW8260C	
Bromochloromethane	ND		6.3	0.63	ug/Kg	1	03/01/18	JLI	SW8260C	
Bromodichloromethane	ND		6.3	1.3	ug/Kg	1	03/01/18	JLI	SW8260C	
Bromoform	ND		6.3	1.3	ug/Kg	1	03/01/18	JLI	SW8260C	
Bromomethane	ND		6.3	2.5	ug/Kg	1	03/01/18	JLI	SW8260C	
Carbon Disulfide	4.9	J	6.3	1.3	ug/Kg	1	03/01/18	JLI	SW8260C	
Carbon tetrachloride	ND		6.3	1.3	ug/Kg	1	03/01/18	JLI	SW8260C	
Chlorobenzene	ND		6.3	0.63	ug/Kg	1	03/01/18	JLI	SW8260C	
Chloroethane	ND		6.3	0.63	ug/Kg	1	03/01/18	JLI	SW8260C	
Chloroform	ND		6.3	0.63	ug/Kg	1	03/01/18	JLI	SW8260C	
Chloromethane	ND		6.3	1.3	ug/Kg	1	03/01/18	JLI	SW8260C	
cis-1,2-Dichloroethene	ND		6.3	0.63	ug/Kg	1	03/01/18	JLI	SW8260C	
cis-1,3-Dichloropropene	ND		6.3	0.63	ug/Kg	1	03/01/18	JLI	SW8260C	
Dibromochloromethane	ND		6.3	1.3	ug/Kg	1	03/01/18	JLI	SW8260C	
Dibromomethane	ND		6.3	1.3	ug/Kg	1	03/01/18	JLI	SW8260C	
Dichlorodifluoromethane	ND		6.3	0.63	ug/Kg	1	03/01/18	JLI	SW8260C	
Ethylbenzene	ND		6.3	0.63	ug/Kg	1	03/01/18	JLI	SW8260C	
Hexachlorobutadiene	ND		6.3	0.63	ug/Kg	1	03/01/18	JLI	SW8260C	
Isopropylbenzene	ND		6.3	0.63	ug/Kg	1	03/01/18	JLI	SW8260C	
m&p-Xylene	ND		6.3	1.3	ug/Kg	1	03/01/18	JLI	SW8260C	
Methyl Ethyl Ketone	21	J	38	6.3	ug/Kg	1	03/01/18	JLI	SW8260C	
Methyl t-butyl ether (MTBE)	ND		13	1.3	ug/Kg	1	03/01/18	JLI	SW8260C	
Methylene chloride	ND		6.3	6.3	ug/Kg	1	03/01/18	JLI	SW8260C	
Naphthalene	ND		6.3	1.3	ug/Kg	1	03/01/18	JLI	SW8260C	
n-Butylbenzene	ND		6.3	0.63	ug/Kg	1	03/01/18	JLI	SW8260C	
n-Propylbenzene	ND		6.3	1.3	ug/Kg	1	03/01/18	JLI	SW8260C	

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Parameter	Result		RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference	
o-Xylene	ND		6.3	1.3	ug/Kg	1	03/01/18	JLI	SW8260C	
p-Isopropyltoluene	ND		6.3	0.63	ug/Kg	1	03/01/18	JLI	SW8260C	
sec-Butylbenzene	ND		6.3	0.63	ug/Kg	1	03/01/18	JLI	SW8260C	
Styrene	ND		6.3	0.63	ug/Kg	1	03/01/18	JLI	SW8260C	
tert-Butylbenzene	ND		6.3	0.63	ug/Kg	1	03/01/18	JLI	SW8260C	
Tetrachloroethene	ND		6.3	1.3	ug/Kg	1	03/01/18	JLI	SW8260C	
Tetrahydrofuran (THF)	6.4	J	13	3.2	ug/Kg	1	03/01/18	JLI	SW8260C	1
Toluene	1.6	J	6.3	0.63	ug/Kg	1	03/01/18	JLI	SW8260C	
trans-1,2-Dichloroethene	ND		6.3	0.63	ug/Kg	1	03/01/18	JLI	SW8260C	
trans-1,3-Dichloropropene	ND		6.3	0.63	ug/Kg	1	03/01/18	JLI	SW8260C	
trans-1,4-dichloro-2-butene	ND		13	3.2	ug/Kg	1	03/01/18	JLI	SW8260C	
Trichloroethene	ND		6.3	0.63	ug/Kg	1	03/01/18	JLI	SW8260C	
Trichlorofluoromethane	ND		6.3	1.3	ug/Kg	1	03/01/18	JLI	SW8260C	
Trichlorotrifluoroethane	ND		6.3	0.63	ug/Kg	1	03/01/18	JLI	SW8260C	
Vinyl chloride	ND		6.3	0.63	ug/Kg	1	03/01/18	JLI	SW8260C	
QA/QC Surrogates										
% 1,2-dichlorobenzene-d4	99				%	1	03/01/18	JLI	70 - 130 %	
% Bromofluorobenzene	81				%	1	03/01/18	JLI	70 - 130 %	
% Dibromofluoromethane	103				%	1	03/01/18	JLI	70 - 130 %	
% Toluene-d8	87				%	1	03/01/18	JLI	70 - 130 %	
1,4-dioxane										
1,4-dioxane	ND		95	51	ug/kg	1	03/01/18	JLI	SW8260C	
QA/QC Surrogates										
% 1,2-dichlorobenzene-d4	99				%	1	03/01/18	JLI	70 - 130 %	
% Bromofluorobenzene	81				%	1	03/01/18	JLI	70 - 130 %	
% Toluene-d8	87				%	1	03/01/18	JLI	70 - 130 %	
Volatiles										
1,1,1,2-Tetrachloroethane	ND		25	1.3	ug/Kg	1	03/01/18	JLI	SW8260C	
Acrolein	ND		6.3	1.3	ug/Kg	1	03/01/18	JLI	SW8260C	
Acrylonitrile	ND		25	0.63	ug/Kg	1	03/01/18	JLI	SW8260C	
Tert-butyl alcohol	ND		130	25	ug/Kg	1	03/01/18	JLI	SW8260C	
Semivolatiles										
1,2,4,5-Tetrachlorobenzene	ND		250	130	ug/Kg	1	02/28/18	DD	SW8270D	
1,2,4-Trichlorobenzene	ND		250	110	ug/Kg	1	02/28/18	DD	SW8270D	
1,2-Dichlorobenzene	ND		250	100	ug/Kg	1	02/28/18	DD	SW8270D	
1,2-Diphenylhydrazine	ND		250	120	ug/Kg	1	02/28/18	DD	SW8270D	
1,3-Dichlorobenzene	ND		250	110	ug/Kg	1	02/28/18	DD	SW8270D	
1,4-Dichlorobenzene	ND		250	110	ug/Kg	1	02/28/18	DD	SW8270D	
2,4,5-Trichlorophenol	ND		250	200	ug/Kg	1	02/28/18	DD	SW8270D	
2,4,6-Trichlorophenol	ND		180	110	ug/Kg	1	02/28/18	DD	SW8270D	
2,4-Dichlorophenol	ND		180	130	ug/Kg	1	02/28/18	DD	SW8270D	
2,4-Dimethylphenol	ND		250	89	ug/Kg	1	02/28/18	DD	SW8270D	
2,4-Dinitrophenol	ND		250	250	ug/Kg	1	02/28/18	DD	SW8270D	
2,4-Dinitrotoluene	ND		180	140	ug/Kg	1	02/28/18	DD	SW8270D	
2,6-Dinitrotoluene	ND		180	110	ug/Kg	1	02/28/18	DD	SW8270D	
2-Chloronaphthalene	ND		250	100	ug/Kg	1	02/28/18	DD	SW8270D	
2-Chlorophenol	ND		250	100	ug/Kg	1	02/28/18	DD	SW8270D	

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Parameter	Result		RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference	
2-Methylnaphthalene	ND		250	110	ug/Kg	1	02/28/18	DD	SW8270D	
2-Methylphenol (o-cresol)	ND		250	170	ug/Kg	1	02/28/18	DD	SW8270D	
2-Nitroaniline	ND		250	250	ug/Kg	1	02/28/18	DD	SW8270D	
2-Nitrophenol	ND		250	230	ug/Kg	1	02/28/18	DD	SW8270D	
3&4-Methylphenol (m&p-cresol)	ND		250	140	ug/Kg	1	02/28/18	DD	SW8270D	1
3,3'-Dichlorobenzidine	ND		180	170	ug/Kg	1	02/28/18	DD	SW8270D	
3-Nitroaniline	ND		360	720	ug/Kg	1	02/28/18	DD	SW8270D	
4,6-Dinitro-2-methylphenol	ND		220	72	ug/Kg	1	02/28/18	DD	SW8270D	
4-Bromophenyl phenyl ether	ND		250	110	ug/Kg	1	02/28/18	DD	SW8270D	
4-Chloro-3-methylphenol	ND		250	130	ug/Kg	1	02/28/18	DD	SW8270D	
4-Chloroaniline	ND		290	170	ug/Kg	1	02/28/18	DD	SW8270D	
4-Chlorophenyl phenyl ether	ND		250	120	ug/Kg	1	02/28/18	DD	SW8270D	
4-Nitroaniline	ND		360	120	ug/Kg	1	02/28/18	DD	SW8270D	
4-Nitrophenol	ND		360	160	ug/Kg	1	02/28/18	DD	SW8270D	
Acenaphthene	ND		250	110	ug/Kg	1	02/28/18	DD	SW8270D	
Acenaphthylene	ND		250	100	ug/Kg	1	02/28/18	DD	SW8270D	
Acetophenone	ND		250	110	ug/Kg	1	02/28/18	DD	SW8270D	
Aniline	ND		290	290	ug/Kg	1	02/28/18	DD	SW8270D	
Anthracene	140	J	250	120	ug/Kg	1	02/28/18	DD	SW8270D	
Benz(a)anthracene	380		250	120	ug/Kg	1	02/28/18	DD	SW8270D	
Benzidine	ND		360	210	ug/Kg	1	02/28/18	DD	SW8270D	
Benzo(a)pyrene	390		180	120	ug/Kg	1	02/28/18	DD	SW8270D	
Benzo(b)fluoranthene	340		250	120	ug/Kg	1	02/28/18	DD	SW8270D	
Benzo(ghi)perylene	280		250	120	ug/Kg	1	02/28/18	DD	SW8270D	
Benzo(k)fluoranthene	340		250	120	ug/Kg	1	02/28/18	DD	SW8270D	
Benzoic acid	ND		1800	720	ug/Kg	1	02/28/18	DD	SW8270D	
Benzyl butyl phthalate	1900		250	92	ug/Kg	1	02/28/18	DD	SW8270D	
Bis(2-chloroethoxy)methane	ND		250	99	ug/Kg	1	02/28/18	DD	SW8270D	
Bis(2-chloroethyl)ether	ND		180	97	ug/Kg	1	02/28/18	DD	SW8270D	
Bis(2-chloroisopropyl)ether	ND		250	100	ug/Kg	1	02/28/18	DD	SW8270D	
Bis(2-ethylhexyl)phthalate	ND		250	100	ug/Kg	1	02/28/18	DD	SW8270D	
Carbazole	ND		180	140	ug/Kg	1	02/28/18	DD	SW8270D	
Chrysene	370		250	120	ug/Kg	1	02/28/18	DD	SW8270D	
Dibenz(a,h)anthracene	ND		180	120	ug/Kg	1	02/28/18	DD	SW8270D	
Dibenzofuran	ND		250	100	ug/Kg	1	02/28/18	DD	SW8270D	
Diethyl phthalate	ND		250	110	ug/Kg	1	02/28/18	DD	SW8270D	
Dimethylphthalate	ND		250	110	ug/Kg	1	02/28/18	DD	SW8270D	
Di-n-butylphthalate	ND		250	95	ug/Kg	1	02/28/18	DD	SW8270D	
Di-n-octylphthalate	ND		250	92	ug/Kg	1	02/28/18	DD	SW8270D	
Fluoranthene	770		250	120	ug/Kg	1	02/28/18	DD	SW8270D	
Fluorene	ND		250	120	ug/Kg	1	02/28/18	DD	SW8270D	
Hexachlorobenzene	ND		180	100	ug/Kg	1	02/28/18	DD	SW8270D	
Hexachlorobutadiene	ND		250	130	ug/Kg	1	02/28/18	DD	SW8270D	
Hexachlorocyclopentadiene	ND		250	110	ug/Kg	1	02/28/18	DD	SW8270D	
Hexachloroethane	ND		180	110	ug/Kg	1	02/28/18	DD	SW8270D	
Indeno(1,2,3-cd)pyrene	280		250	120	ug/Kg	1	02/28/18	DD	SW8270D	
Isophorone	ND		180	100	ug/Kg	1	02/28/18	DD	SW8270D	
Naphthalene	ND		250	100	ug/Kg	1	02/28/18	DD	SW8270D	
Nitrobenzene	ND		180	130	ug/Kg	1	02/28/18	DD	SW8270D	

Project ID: BEACH 62ND ST., QUEENS, NY
Client ID: SB 8

Phoenix I.D.: BZ94519

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference	
N-Nitrosodimethylamine	ND	250	100	ug/Kg	1	02/28/18	DD	SW8270D	
N-Nitrosodi-n-propylamine	ND	180	120	ug/Kg	1	02/28/18	DD	SW8270D	
N-Nitrosodiphenylamine	ND	250	140	ug/Kg	1	02/28/18	DD	SW8270D	
Pentachloronitrobenzene	ND	250	130	ug/Kg	1	02/28/18	DD	SW8270D	
Pentachlorophenol	ND	220	140	ug/Kg	1	02/28/18	DD	SW8270D	
Phenanthrene	450	250	100	ug/Kg	1	02/28/18	DD	SW8270D	
Phenol	ND	250	110	ug/Kg	1	02/28/18	DD	SW8270D	
Pyrene	660	250	120	ug/Kg	1	02/28/18	DD	SW8270D	
Pyridine	ND	250	88	ug/Kg	1	02/28/18	DD	SW8270D	
QA/QC Surrogates									
% 2,4,6-Tribromophenol	67			%	1	02/28/18	DD	30 - 130 %	
% 2-Fluorobiphenyl	53			%	1	02/28/18	DD	30 - 130 %	
% 2-Fluorophenol	43			%	1	02/28/18	DD	30 - 130 %	
% Nitrobenzene-d5	60			%	1	02/28/18	DD	30 - 130 %	
% Phenol-d5	50			%	1	02/28/18	DD	30 - 130 %	
% Terphenyl-d14	52			%	1	02/28/18	DD	30 - 130 %	
Field Extraction	Completed					02/23/18		SW5035A	1

1 = This parameter is not certified by NY NELAC for this matrix. NY NELAC does not offer certification for all parameters at this time.

RL/PQL=Reporting/Practical Quantitation Level (Equivalent to NELAC LOQ, Limit of Quantitation) ND=Not Detected BRL=Below Reporting Level L=Biased Low J=Estimated Below RL LOD=Limit of Detection MDL=Method Detection Limit1
QA/QC Surrogates: Surrogates are compounds (preceeded with a %) added by the lab to determine analysis efficiency. Surrogate results(%) listed in the report are not "detected" compounds.

Comments:

Per 1.4.6 of EPA method 8270D, 1,2-Diphenylhydrazine is unstable and readily converts to Azobenzene. Azobenzene is used for the calibration of 1,2-Diphenylhydrazine.

Please be advised that the NY 375 soil criteria for chromium are based on hexavalent chromium and trivalent chromium.

All soils, solids and sludges are reported on a dry weight basis unless otherwise noted in the sample comments.

S - Laboratory solvent, contamination is possible.

If there are any questions regarding this data, please call Phoenix Client Services.
This report must not be reproduced except in full as defined by the attached chain of custody.

Phyllis Shiller, Laboratory Director
March 05, 2018
Reviewed and Released by: Phyllis Shiller, Laboratory Director

Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102 Fax (860) 645-0823

ACCREDITED IN ACCORDANCE WITH nelac NY # 11301

Analysis Report

March 05, 2018

FOR: Attn: Mr. Charles B. Sosik, P.G.
Environmental Business Consultants
1808 Middle Country Rd
Ridge NY 11961-2406

Sample Information		Custody Information		Date	Time
Matrix:	SOIL	Collected by:	HL	02/23/18	
Location Code:	EBC	Received by:	LB	02/26/18	13:20
Rush Request:	72 Hour	Analyzed by:	see "By" below		
P.O.#:					

Laboratory Data

SDG ID: GBZ94512
Phoenix ID: BZ94520

Project ID: BEACH 62ND ST., QUEENS, NY
Client ID: SB 9

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
Silver	ND	0.41	0.41	mg/Kg	1	02/27/18	MA	SW6010C
Aluminum	2590	41	8.2	mg/Kg	10	02/27/18	MA	SW6010C
Arsenic	9.48	0.82	0.82	mg/Kg	1	02/27/18	MA	SW6010C
Barium	104	0.8	0.41	mg/Kg	1	02/27/18	MA	SW6010C
Beryllium	ND	0.33	0.16	mg/Kg	1	02/27/18	MA	SW6010C
Calcium	1840	4.1	3.8	mg/Kg	1	02/27/18	MA	SW6010C
Cadmium	1.75	0.41	0.41	mg/Kg	1	02/27/18	MA	SW6010C
Cobalt	5.87	0.41	0.41	mg/Kg	1	02/27/18	MA	SW6010C
Chromium	13.5	0.41	0.41	mg/Kg	1	02/27/18	MA	SW6010C
Copper	53.1	0.41	0.41	mg/kg	1	02/27/18	MA	SW6010C
Iron	84600	41	41	mg/Kg	10	02/27/18	MA	SW6010C
Mercury	0.17	0.15	0.09	mg/Kg	1	02/27/18	RS	SW7471B
Potassium	370	8	3.2	mg/Kg	1	02/27/18	MA	SW6010C
Magnesium	566	4.1	4.1	mg/Kg	1	02/27/18	MA	SW6010C
Manganese	316	4.1	4.1	mg/Kg	10	02/27/18	MA	SW6010C
Sodium	128	8	3.5	mg/Kg	1	02/27/18	MA	SW6010C
Nickel	11.1	0.41	0.41	mg/Kg	1	02/27/18	MA	SW6010C
Lead	281	8.2	4.1	mg/Kg	10	02/27/18	MA	SW6010C
Antimony	ND	2.1	2.1	mg/Kg	1	02/27/18	MA	SW6010C
Selenium	ND	1.6	1.4	mg/Kg	1	02/27/18	MA	SW6010C
Thallium	ND	1.6	1.6	mg/Kg	1	02/27/18	MA	SW6010C
Vanadium	13.7	0.41	0.41	mg/Kg	1	02/27/18	MA	SW6010C
Zinc	317	8.2	4.1	mg/Kg	10	02/27/18	MA	SW6010C
Percent Solid	82			%		02/26/18	AP	SW846-%Solid
Soil Extraction for PCB	Completed					02/27/18	/V	SW3545A
Soil Extraction for Pesticides	Completed					02/27/18	/V	SW3545A
Soil Extraction for SVOA	Completed					02/27/18	JJ/CKV	SW3545A
Mercury Digestion	Completed					02/27/18	I/I	SW7471B

Ver 1

Project ID: BEACH 62ND ST., QUEENS, NY
Client ID: SB 9

Phoenix I.D.: BZ94520

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
Total Metals Digest	Completed					02/26/18	B/X/BF	SW3050B
Polychlorinated Biphenyls								
PCB-1016	ND	79	79	ug/Kg	2	03/01/18	AW	SW8082A
PCB-1221	ND	79	79	ug/Kg	2	03/01/18	AW	SW8082A
PCB-1232	ND	79	79	ug/Kg	2	03/01/18	AW	SW8082A
PCB-1242	ND	79	79	ug/Kg	2	03/01/18	AW	SW8082A
PCB-1248	ND	79	79	ug/Kg	2	03/01/18	AW	SW8082A
PCB-1254	ND	79	79	ug/Kg	2	03/01/18	AW	SW8082A
PCB-1260	ND	79	79	ug/Kg	2	03/01/18	AW	SW8082A
PCB-1262	ND	79	79	ug/Kg	2	03/01/18	AW	SW8082A
PCB-1268	ND	79	79	ug/Kg	2	03/01/18	AW	SW8082A
QA/QC Surrogates								
% DCBP	87			%	2	03/01/18	AW	40 - 140 %
% TCMX	84			%	2	03/01/18	AW	40 - 140 %
Pesticides - Soil								
4,4' -DDD	ND	2.4	2.4	ug/Kg	2	03/01/18	CW	SW8081B
4,4' -DDE	ND	2.4	2.4	ug/Kg	2	03/01/18	CW	SW8081B
4,4' -DDT	ND	2.4	2.4	ug/Kg	2	03/01/18	CW	SW8081B
a-BHC	ND	7.9	7.9	ug/Kg	2	03/01/18	CW	SW8081B
a-Chlordane	ND	4.0	4.0	ug/Kg	2	03/01/18	CW	SW8081B
Aldrin	ND	4.0	4.0	ug/Kg	2	03/01/18	CW	SW8081B
b-BHC	ND	7.9	7.9	ug/Kg	2	03/01/18	CW	SW8081B
Chlordane	ND	40	40	ug/Kg	2	03/01/18	CW	SW8081B
d-BHC	ND	7.9	7.9	ug/Kg	2	03/01/18	CW	SW8081B
Dieldrin	ND	4.0	4.0	ug/Kg	2	03/01/18	CW	SW8081B
Endosulfan I	ND	7.9	7.9	ug/Kg	2	03/01/18	CW	SW8081B
Endosulfan II	ND	7.9	7.9	ug/Kg	2	03/01/18	CW	SW8081B
Endosulfan sulfate	ND	7.9	7.9	ug/Kg	2	03/01/18	CW	SW8081B
Endrin	ND	7.9	7.9	ug/Kg	2	03/01/18	CW	SW8081B
Endrin aldehyde	ND	7.9	7.9	ug/Kg	2	03/01/18	CW	SW8081B
Endrin ketone	ND	7.9	7.9	ug/Kg	2	03/01/18	CW	SW8081B
g-BHC	ND	1.6	1.6	ug/Kg	2	03/01/18	CW	SW8081B
g-Chlordane	ND	4.0	4.0	ug/Kg	2	03/01/18	CW	SW8081B
Heptachlor	ND	7.9	7.9	ug/Kg	2	03/01/18	CW	SW8081B
Heptachlor epoxide	ND	7.9	7.9	ug/Kg	2	03/01/18	CW	SW8081B
Methoxychlor	ND	40	40	ug/Kg	2	03/01/18	CW	SW8081B
Toxaphene	ND	160	160	ug/Kg	2	03/01/18	CW	SW8081B
QA/QC Surrogates								
% DCBP	86			%	2	03/01/18	CW	40 - 140 %
% TCMX	79			%	2	03/01/18	CW	40 - 140 %
Volatiles								
1,1,1,2-Tetrachloroethane	ND	6.2	1.2	ug/Kg	1	03/01/18	JLI	SW8260C
1,1,1-Trichloroethane	ND	6.2	0.62	ug/Kg	1	03/01/18	JLI	SW8260C
1,1,2,2-Tetrachloroethane	ND	6.2	1.2	ug/Kg	1	03/01/18	JLI	SW8260C
1,1,2-Trichloroethane	ND	6.2	1.2	ug/Kg	1	03/01/18	JLI	SW8260C
1,1-Dichloroethane	ND	6.2	1.2	ug/Kg	1	03/01/18	JLI	SW8260C
1,1-Dichloroethene	ND	6.2	0.62	ug/Kg	1	03/01/18	JLI	SW8260C

Project ID: BEACH 62ND ST., QUEENS, NY
Client ID: SB 9

Phoenix I.D.: BZ94520

Parameter	Result		RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference	
1,1-Dichloropropene	ND		6.2	0.62	ug/Kg	1	03/01/18	JLI	SW8260C	
1,2,3-Trichlorobenzene	ND		6.2	1.2	ug/Kg	1	03/01/18	JLI	SW8260C	
1,2,3-Trichloropropane	ND		6.2	0.62	ug/Kg	1	03/01/18	JLI	SW8260C	
1,2,4-Trichlorobenzene	ND		6.2	1.2	ug/Kg	1	03/01/18	JLI	SW8260C	
1,2,4-Trimethylbenzene	ND		6.2	0.62	ug/Kg	1	03/01/18	JLI	SW8260C	
1,2-Dibromo-3-chloropropane	ND		6.2	1.2	ug/Kg	1	03/01/18	JLI	SW8260C	
1,2-Dibromoethane	ND		6.2	0.62	ug/Kg	1	03/01/18	JLI	SW8260C	
1,2-Dichlorobenzene	ND		6.2	0.62	ug/Kg	1	03/01/18	JLI	SW8260C	
1,2-Dichloroethane	ND		6.2	0.62	ug/Kg	1	03/01/18	JLI	SW8260C	
1,2-Dichloropropane	ND		6.2	1.2	ug/Kg	1	03/01/18	JLI	SW8260C	
1,3,5-Trimethylbenzene	ND		6.2	0.62	ug/Kg	1	03/01/18	JLI	SW8260C	
1,3-Dichlorobenzene	ND		6.2	0.62	ug/Kg	1	03/01/18	JLI	SW8260C	
1,3-Dichloropropane	ND		6.2	1.2	ug/Kg	1	03/01/18	JLI	SW8260C	
1,4-Dichlorobenzene	ND		6.2	0.62	ug/Kg	1	03/01/18	JLI	SW8260C	
2,2-Dichloropropane	ND		6.2	0.62	ug/Kg	1	03/01/18	JLI	SW8260C	
2-Chlorotoluene	ND		6.2	1.2	ug/Kg	1	03/01/18	JLI	SW8260C	
2-Hexanone	ND		31	6.2	ug/Kg	1	03/01/18	JLI	SW8260C	
2-Isopropyltoluene	ND		6.2	0.62	ug/Kg	1	03/01/18	JLI	SW8260C	1
4-Chlorotoluene	ND		6.2	0.62	ug/Kg	1	03/01/18	JLI	SW8260C	
4-Methyl-2-pentanone	ND		31	6.2	ug/Kg	1	03/01/18	JLI	SW8260C	
Acetone	66	S	31	6.2	ug/Kg	1	03/01/18	JLI	SW8260C	
Acrylonitrile	ND		12	1.2	ug/Kg	1	03/01/18	JLI	SW8260C	
Benzene	ND		6.2	0.62	ug/Kg	1	03/01/18	JLI	SW8260C	
Bromobenzene	ND		6.2	0.62	ug/Kg	1	03/01/18	JLI	SW8260C	
Bromochloromethane	ND		6.2	0.62	ug/Kg	1	03/01/18	JLI	SW8260C	
Bromodichloromethane	ND		6.2	1.2	ug/Kg	1	03/01/18	JLI	SW8260C	
Bromoform	ND		6.2	1.2	ug/Kg	1	03/01/18	JLI	SW8260C	
Bromomethane	ND		6.2	2.5	ug/Kg	1	03/01/18	JLI	SW8260C	
Carbon Disulfide	ND		6.2	1.2	ug/Kg	1	03/01/18	JLI	SW8260C	
Carbon tetrachloride	ND		6.2	1.2	ug/Kg	1	03/01/18	JLI	SW8260C	
Chlorobenzene	ND		6.2	0.62	ug/Kg	1	03/01/18	JLI	SW8260C	
Chloroethane	ND		6.2	0.62	ug/Kg	1	03/01/18	JLI	SW8260C	
Chloroform	ND		6.2	0.62	ug/Kg	1	03/01/18	JLI	SW8260C	
Chloromethane	ND		6.2	1.2	ug/Kg	1	03/01/18	JLI	SW8260C	
cis-1,2-Dichloroethene	ND		6.2	0.62	ug/Kg	1	03/01/18	JLI	SW8260C	
cis-1,3-Dichloropropene	ND		6.2	0.62	ug/Kg	1	03/01/18	JLI	SW8260C	
Dibromochloromethane	ND		6.2	1.2	ug/Kg	1	03/01/18	JLI	SW8260C	
Dibromomethane	ND		6.2	1.2	ug/Kg	1	03/01/18	JLI	SW8260C	
Dichlorodifluoromethane	ND		6.2	0.62	ug/Kg	1	03/01/18	JLI	SW8260C	
Ethylbenzene	ND		6.2	0.62	ug/Kg	1	03/01/18	JLI	SW8260C	
Hexachlorobutadiene	ND		6.2	0.62	ug/Kg	1	03/01/18	JLI	SW8260C	
Isopropylbenzene	ND		6.2	0.62	ug/Kg	1	03/01/18	JLI	SW8260C	
m&p-Xylene	ND		6.2	1.2	ug/Kg	1	03/01/18	JLI	SW8260C	
Methyl Ethyl Ketone	11	J	37	6.2	ug/Kg	1	03/01/18	JLI	SW8260C	
Methyl t-butyl ether (MTBE)	ND		12	1.2	ug/Kg	1	03/01/18	JLI	SW8260C	
Methylene chloride	ND		6.2	6.2	ug/Kg	1	03/01/18	JLI	SW8260C	
Naphthalene	ND		6.2	1.2	ug/Kg	1	03/01/18	JLI	SW8260C	
n-Butylbenzene	ND		6.2	0.62	ug/Kg	1	03/01/18	JLI	SW8260C	
n-Propylbenzene	ND		6.2	1.2	ug/Kg	1	03/01/18	JLI	SW8260C	

Parameter	Result		RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference	
o-Xylene	ND		6.2	1.2	ug/Kg	1	03/01/18	JLI	SW8260C	
p-Isopropyltoluene	ND		6.2	0.62	ug/Kg	1	03/01/18	JLI	SW8260C	
sec-Butylbenzene	ND		6.2	0.62	ug/Kg	1	03/01/18	JLI	SW8260C	
Styrene	ND		6.2	0.62	ug/Kg	1	03/01/18	JLI	SW8260C	
tert-Butylbenzene	ND		6.2	0.62	ug/Kg	1	03/01/18	JLI	SW8260C	
Tetrachloroethene	ND		6.2	1.2	ug/Kg	1	03/01/18	JLI	SW8260C	
Tetrahydrofuran (THF)	7.1	J	12	3.1	ug/Kg	1	03/01/18	JLI	SW8260C	1
Toluene	ND		6.2	0.62	ug/Kg	1	03/01/18	JLI	SW8260C	
trans-1,2-Dichloroethene	ND		6.2	0.62	ug/Kg	1	03/01/18	JLI	SW8260C	
trans-1,3-Dichloropropene	ND		6.2	0.62	ug/Kg	1	03/01/18	JLI	SW8260C	
trans-1,4-dichloro-2-butene	ND		12	3.1	ug/Kg	1	03/01/18	JLI	SW8260C	
Trichloroethene	ND		6.2	0.62	ug/Kg	1	03/01/18	JLI	SW8260C	
Trichlorofluoromethane	ND		6.2	1.2	ug/Kg	1	03/01/18	JLI	SW8260C	
Trichlorotrifluoroethane	ND		6.2	0.62	ug/Kg	1	03/01/18	JLI	SW8260C	
Vinyl chloride	ND		6.2	0.62	ug/Kg	1	03/01/18	JLI	SW8260C	
QA/QC Surrogates										
% 1,2-dichlorobenzene-d4	97				%	1	03/01/18	JLI	70 - 130 %	
% Bromofluorobenzene	93				%	1	03/01/18	JLI	70 - 130 %	
% Dibromofluoromethane	106				%	1	03/01/18	JLI	70 - 130 %	
% Toluene-d8	90				%	1	03/01/18	JLI	70 - 130 %	
1,4-dioxane										
1,4-dioxane	ND		92	49	ug/kg	1	03/01/18	JLI	SW8260C	
QA/QC Surrogates										
% 1,2-dichlorobenzene-d4	97				%	1	03/01/18	JLI	70 - 130 %	
% Bromofluorobenzene	93				%	1	03/01/18	JLI	70 - 130 %	
% Toluene-d8	90				%	1	03/01/18	JLI	70 - 130 %	
Volatiles										
1,1,1,2-Tetrachloroethane	ND		25	1.2	ug/Kg	1	03/01/18	JLI	SW8260C	
Acrolein	ND		6.2	1.2	ug/Kg	1	03/01/18	JLI	SW8260C	
Acrylonitrile	ND		25	0.62	ug/Kg	1	03/01/18	JLI	SW8260C	
Tert-butyl alcohol	ND		120	25	ug/Kg	1	03/01/18	JLI	SW8260C	
Semivolatiles										
1,2,4,5-Tetrachlorobenzene	ND		280	140	ug/Kg	1	02/28/18	DD	SW8270D	
1,2,4-Trichlorobenzene	ND		280	120	ug/Kg	1	02/28/18	DD	SW8270D	
1,2-Dichlorobenzene	ND		280	110	ug/Kg	1	02/28/18	DD	SW8270D	
1,2-Diphenylhydrazine	ND		280	130	ug/Kg	1	02/28/18	DD	SW8270D	
1,3-Dichlorobenzene	ND		280	120	ug/Kg	1	02/28/18	DD	SW8270D	
1,4-Dichlorobenzene	ND		280	120	ug/Kg	1	02/28/18	DD	SW8270D	
2,4,5-Trichlorophenol	ND		280	220	ug/Kg	1	02/28/18	DD	SW8270D	
2,4,6-Trichlorophenol	ND		200	130	ug/Kg	1	02/28/18	DD	SW8270D	
2,4-Dichlorophenol	ND		200	140	ug/Kg	1	02/28/18	DD	SW8270D	
2,4-Dimethylphenol	ND		280	98	ug/Kg	1	02/28/18	DD	SW8270D	
2,4-Dinitrophenol	ND		280	280	ug/Kg	1	02/28/18	DD	SW8270D	
2,4-Dinitrotoluene	ND		200	160	ug/Kg	1	02/28/18	DD	SW8270D	
2,6-Dinitrotoluene	ND		200	120	ug/Kg	1	02/28/18	DD	SW8270D	
2-Chloronaphthalene	ND		280	110	ug/Kg	1	02/28/18	DD	SW8270D	
2-Chlorophenol	ND		280	110	ug/Kg	1	02/28/18	DD	SW8270D	

Project ID: BEACH 62ND ST., QUEENS, NY
Client ID: SB 9

Phoenix I.D.: BZ94520

Parameter	Result		RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference	
2-Methylnaphthalene	ND		280	120	ug/Kg	1	02/28/18	DD	SW8270D	
2-Methylphenol (o-cresol)	ND		280	190	ug/Kg	1	02/28/18	DD	SW8270D	
2-Nitroaniline	ND		280	280	ug/Kg	1	02/28/18	DD	SW8270D	
2-Nitrophenol	ND		280	250	ug/Kg	1	02/28/18	DD	SW8270D	
3&4-Methylphenol (m&p-cresol)	ND		280	160	ug/Kg	1	02/28/18	DD	SW8270D	1
3,3'-Dichlorobenzidine	ND		200	190	ug/Kg	1	02/28/18	DD	SW8270D	
3-Nitroaniline	ND		390	790	ug/Kg	1	02/28/18	DD	SW8270D	
4,6-Dinitro-2-methylphenol	ND		240	79	ug/Kg	1	02/28/18	DD	SW8270D	
4-Bromophenyl phenyl ether	ND		280	120	ug/Kg	1	02/28/18	DD	SW8270D	
4-Chloro-3-methylphenol	ND		280	140	ug/Kg	1	02/28/18	DD	SW8270D	
4-Chloroaniline	ND		320	180	ug/Kg	1	02/28/18	DD	SW8270D	
4-Chlorophenyl phenyl ether	ND		280	130	ug/Kg	1	02/28/18	DD	SW8270D	
4-Nitroaniline	ND		390	130	ug/Kg	1	02/28/18	DD	SW8270D	
4-Nitrophenol	ND		390	180	ug/Kg	1	02/28/18	DD	SW8270D	
Acenaphthene	ND		280	120	ug/Kg	1	02/28/18	DD	SW8270D	
Acenaphthylene	ND		280	110	ug/Kg	1	02/28/18	DD	SW8270D	
Acetophenone	ND		280	120	ug/Kg	1	02/28/18	DD	SW8270D	
Aniline	ND		320	320	ug/Kg	1	02/28/18	DD	SW8270D	
Anthracene	ND		280	130	ug/Kg	1	02/28/18	DD	SW8270D	
Benz(a)anthracene	170	J	280	130	ug/Kg	1	02/28/18	DD	SW8270D	
Benzidine	ND		390	230	ug/Kg	1	02/28/18	DD	SW8270D	
Benzo(a)pyrene	170	J	200	130	ug/Kg	1	02/28/18	DD	SW8270D	
Benzo(b)fluoranthene	150	J	280	130	ug/Kg	1	02/28/18	DD	SW8270D	
Benzo(ghi)perylene	140	J	280	130	ug/Kg	1	02/28/18	DD	SW8270D	
Benzo(k)fluoranthene	140	J	280	130	ug/Kg	1	02/28/18	DD	SW8270D	
Benzoic acid	ND		2000	790	ug/Kg	1	02/28/18	DD	SW8270D	
Benzyl butyl phthalate	ND		280	100	ug/Kg	1	02/28/18	DD	SW8270D	
Bis(2-chloroethoxy)methane	ND		280	110	ug/Kg	1	02/28/18	DD	SW8270D	
Bis(2-chloroethyl)ether	ND		200	110	ug/Kg	1	02/28/18	DD	SW8270D	
Bis(2-chloroisopropyl)ether	ND		280	110	ug/Kg	1	02/28/18	DD	SW8270D	
Bis(2-ethylhexyl)phthalate	ND		280	110	ug/Kg	1	02/28/18	DD	SW8270D	
Carbazole	ND		200	160	ug/Kg	1	02/28/18	DD	SW8270D	
Chrysene	160	J	280	130	ug/Kg	1	02/28/18	DD	SW8270D	
Dibenz(a,h)anthracene	ND		200	130	ug/Kg	1	02/28/18	DD	SW8270D	
Dibenzofuran	ND		280	120	ug/Kg	1	02/28/18	DD	SW8270D	
Diethyl phthalate	ND		280	120	ug/Kg	1	02/28/18	DD	SW8270D	
Dimethylphthalate	ND		280	120	ug/Kg	1	02/28/18	DD	SW8270D	
Di-n-butylphthalate	ND		280	100	ug/Kg	1	02/28/18	DD	SW8270D	
Di-n-octylphthalate	ND		280	100	ug/Kg	1	02/28/18	DD	SW8270D	
Fluoranthene	300		280	130	ug/Kg	1	02/28/18	DD	SW8270D	
Fluorene	ND		280	130	ug/Kg	1	02/28/18	DD	SW8270D	
Hexachlorobenzene	ND		200	120	ug/Kg	1	02/28/18	DD	SW8270D	
Hexachlorobutadiene	ND		280	140	ug/Kg	1	02/28/18	DD	SW8270D	
Hexachlorocyclopentadiene	ND		280	120	ug/Kg	1	02/28/18	DD	SW8270D	
Hexachloroethane	ND		200	120	ug/Kg	1	02/28/18	DD	SW8270D	
Indeno(1,2,3-cd)pyrene	130	J	280	130	ug/Kg	1	02/28/18	DD	SW8270D	
Isophorone	ND		200	110	ug/Kg	1	02/28/18	DD	SW8270D	
Naphthalene	120	J	280	110	ug/Kg	1	02/28/18	DD	SW8270D	
Nitrobenzene	ND		200	140	ug/Kg	1	02/28/18	DD	SW8270D	

Project ID: BEACH 62ND ST., QUEENS, NY
Client ID: SB 9

Phoenix I.D.: BZ94520

Parameter	Result		RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference	
N-Nitrosodimethylamine	ND		280	110	ug/Kg	1	02/28/18	DD	SW8270D	
N-Nitrosodi-n-propylamine	ND		200	130	ug/Kg	1	02/28/18	DD	SW8270D	
N-Nitrosodiphenylamine	ND		280	150	ug/Kg	1	02/28/18	DD	SW8270D	
Pentachloronitrobenzene	ND		280	150	ug/Kg	1	02/28/18	DD	SW8270D	
Pentachlorophenol	ND		240	150	ug/Kg	1	02/28/18	DD	SW8270D	
Phenanthrene	140	J	280	110	ug/Kg	1	02/28/18	DD	SW8270D	
Phenol	ND		280	130	ug/Kg	1	02/28/18	DD	SW8270D	
Pyrene	280		280	140	ug/Kg	1	02/28/18	DD	SW8270D	
Pyridine	ND		280	97	ug/Kg	1	02/28/18	DD	SW8270D	
QA/QC Surrogates										
% 2,4,6-Tribromophenol	80				%	1	02/28/18	DD	30 - 130 %	
% 2-Fluorobiphenyl	56				%	1	02/28/18	DD	30 - 130 %	
% 2-Fluorophenol	49				%	1	02/28/18	DD	30 - 130 %	
% Nitrobenzene-d5	62				%	1	02/28/18	DD	30 - 130 %	
% Phenol-d5	58				%	1	02/28/18	DD	30 - 130 %	
% Terphenyl-d14	63				%	1	02/28/18	DD	30 - 130 %	
Field Extraction	Completed						02/23/18		SW5035A	1

1 = This parameter is not certified by NY NELAC for this matrix. NY NELAC does not offer certification for all parameters at this time.

RL/PQL=Reporting/Practical Quantitation Level (Equivalent to NELAC LOQ, Limit of Quantitation) ND=Not Detected BRL=Below Reporting Level L=Biased Low J=Estimated Below RL LOD=Limit of Detection MDL=Method Detection Limit1
QA/QC Surrogates: Surrogates are compounds (preceeded with a %) added by the lab to determine analysis efficiency. Surrogate results(%) listed in the report are not "detected" compounds.

Comments:

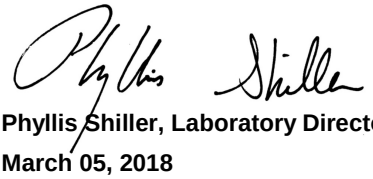
Per 1.4.6 of EPA method 8270D, 1,2-Diphenylhydrazine is unstable and readily converts to Azobenzene. Azobenzene is used for the calibration of 1,2-Diphenylhydrazine.

Please be advised that the NY 375 soil criteria for chromium are based on hexavalent chromium and trivalent chromium.

All soils, solids and sludges are reported on a dry weight basis unless otherwise noted in the sample comments.

S - Laboratory solvent, contamination is possible.

If there are any questions regarding this data, please call Phoenix Client Services.



Phyllis Shiller, Laboratory Director
March 05, 2018
Reviewed and Released by: Phyllis Shiller, Laboratory Director

Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102 Fax (860) 645-0823

ACCREDITED IN ACCORDANCE WITH nelac NY # 11301

Analysis Report

March 05, 2018

FOR: Attn: Mr. Charles B. Sosik, P.G.
Environmental Business Consultants
1808 Middle Country Rd
Ridge NY 11961-2406

Sample Information		Custody Information		Date	Time
Matrix:	SOIL	Collected by:	HL	02/23/18	
Location Code:	EBC	Received by:	LB	02/26/18	13:20
Rush Request:	72 Hour	Analyzed by:	see "By" below		
P.O.#:					

Laboratory Data

SDG ID: GBZ94512
Phoenix ID: BZ94521

Project ID: BEACH 62ND ST., QUEENS, NY
Client ID: SB 10

Parameter	Result		RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
Silver	ND		0.39	0.39	mg/Kg	1	02/27/18	MA	SW6010C
Aluminum	3610		39	7.8	mg/Kg	10	02/27/18	MA	SW6010C
Arsenic	2.83		0.78	0.78	mg/Kg	1	02/27/18	MA	SW6010C
Barium	49.9		0.8	0.39	mg/Kg	1	02/27/18	MA	SW6010C
Beryllium	0.21	J	0.31	0.16	mg/Kg	1	02/27/18	MA	SW6010C
Calcium	11300		3.9	3.6	mg/Kg	1	02/27/18	MA	SW6010C
Cadmium	ND		0.39	0.39	mg/Kg	1	02/27/18	MA	SW6010C
Cobalt	3.22		0.39	0.39	mg/Kg	1	02/27/18	MA	SW6010C
Chromium	13.6		0.39	0.39	mg/Kg	1	02/27/18	MA	SW6010C
Copper	27.7		0.39	0.39	mg/kg	1	02/27/18	MA	SW6010C
Iron	11100		39	39	mg/Kg	10	02/27/18	MA	SW6010C
Mercury	ND		0.13	0.08	mg/Kg	1	02/27/18	RS	SW7471B
Potassium	602		8	3.0	mg/Kg	1	02/27/18	MA	SW6010C
Magnesium	5860		39	39	mg/Kg	10	02/27/18	MA	SW6010C
Manganese	127		0.39	0.39	mg/Kg	1	02/27/18	MA	SW6010C
Sodium	136		8	3.4	mg/Kg	1	02/27/18	MA	SW6010C
Nickel	10.1		0.39	0.39	mg/Kg	1	02/27/18	MA	SW6010C
Lead	291		7.8	3.9	mg/Kg	10	02/27/18	MA	SW6010C
Antimony	2.7		2.0	2.0	mg/Kg	1	02/27/18	MA	SW6010C
Selenium	ND		1.6	1.3	mg/Kg	1	02/27/18	MA	SW6010C
Thallium	ND		1.6	1.6	mg/Kg	1	02/27/18	MA	SW6010C
Vanadium	22.3		0.39	0.39	mg/Kg	1	02/27/18	MA	SW6010C
Zinc	92.0		0.8	0.39	mg/Kg	1	02/27/18	MA	SW6010C
Percent Solid	89				%		02/26/18	AP	SW846-%Solid
Soil Extraction for PCB	Completed						02/27/18	/V	SW3545A
Soil Extraction for Pesticides	Completed						02/27/18	/V	SW3545A
Soil Extraction for SVOA	Completed						02/27/18	JJ/CKV	SW3545A
Mercury Digestion	Completed						02/27/18	I/I	SW7471B

Ver 1

Project ID: BEACH 62ND ST., QUEENS, NY
Client ID: SB 10

Phoenix I.D.: BZ94521

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
Total Metals Digest	Completed					02/26/18	B/X/BF	SW3050B
Polychlorinated Biphenyls								
PCB-1016	ND	73	73	ug/Kg	2	02/28/18	AW	SW8082A
PCB-1221	ND	73	73	ug/Kg	2	02/28/18	AW	SW8082A
PCB-1232	ND	73	73	ug/Kg	2	02/28/18	AW	SW8082A
PCB-1242	ND	73	73	ug/Kg	2	02/28/18	AW	SW8082A
PCB-1248	ND	73	73	ug/Kg	2	02/28/18	AW	SW8082A
PCB-1254	110	73	73	ug/Kg	2	02/28/18	AW	SW8082A
PCB-1260	ND	73	73	ug/Kg	2	02/28/18	AW	SW8082A
PCB-1262	ND	73	73	ug/Kg	2	02/28/18	AW	SW8082A
PCB-1268	ND	73	73	ug/Kg	2	02/28/18	AW	SW8082A
QA/QC Surrogates								
% DCBP	68			%	2	02/28/18	AW	40 - 140 %
% TCMX	79			%	2	02/28/18	AW	40 - 140 %
Pesticides - Soil								
4,4' -DDD	7.1	3.3	3.3	ug/Kg	2	02/28/18	PS	SW8081B
4,4' -DDE	ND	2.2	2.2	ug/Kg	2	02/28/18	PS	SW8081B
4,4' -DDT	4.5	3.3	3.3	ug/Kg	2	02/28/18	PS	SW8081B
a-BHC	ND	7.3	7.3	ug/Kg	2	02/28/18	PS	SW8081B
a-Chlordane	ND	3.7	3.7	ug/Kg	2	02/28/18	PS	SW8081B
Aldrin	ND	3.7	3.7	ug/Kg	2	02/28/18	PS	SW8081B
b-BHC	ND	7.3	7.3	ug/Kg	2	02/28/18	PS	SW8081B
Chlordane	ND	37	37	ug/Kg	2	02/28/18	PS	SW8081B
d-BHC	ND	7.3	7.3	ug/Kg	2	02/28/18	PS	SW8081B
Dieldrin	ND	3.7	3.7	ug/Kg	2	02/28/18	PS	SW8081B
Endosulfan I	ND	7.3	7.3	ug/Kg	2	02/28/18	PS	SW8081B
Endosulfan II	ND	7.3	7.3	ug/Kg	2	02/28/18	PS	SW8081B
Endosulfan sulfate	ND	7.3	7.3	ug/Kg	2	02/28/18	PS	SW8081B
Endrin	ND	7.3	7.3	ug/Kg	2	02/28/18	PS	SW8081B
Endrin aldehyde	ND	7.3	7.3	ug/Kg	2	02/28/18	PS	SW8081B
Endrin ketone	ND	7.3	7.3	ug/Kg	2	02/28/18	PS	SW8081B
g-BHC	ND	1.5	1.5	ug/Kg	2	02/28/18	PS	SW8081B
g-Chlordane	ND	3.7	3.7	ug/Kg	2	02/28/18	PS	SW8081B
Heptachlor	ND	7.3	7.3	ug/Kg	2	02/28/18	PS	SW8081B
Heptachlor epoxide	ND	7.3	7.3	ug/Kg	2	02/28/18	PS	SW8081B
Methoxychlor	ND	37	37	ug/Kg	2	02/28/18	PS	SW8081B
Toxaphene	ND	150	150	ug/Kg	2	02/28/18	PS	SW8081B
QA/QC Surrogates								
% DCBP	67			%	2	02/28/18	PS	40 - 140 %
% TCMX	69			%	2	02/28/18	PS	40 - 140 %
Volatiles								
1,1,1,2-Tetrachloroethane	ND	6.0	1.2	ug/Kg	1	03/01/18	JLI	SW8260C
1,1,1-Trichloroethane	ND	6.0	0.60	ug/Kg	1	03/01/18	JLI	SW8260C
1,1,2,2-Tetrachloroethane	ND	350	70	ug/Kg	50	03/01/18	JLI	SW8260C
1,1,2-Trichloroethane	ND	6.0	1.2	ug/Kg	1	03/01/18	JLI	SW8260C
1,1-Dichloroethane	ND	6.0	1.2	ug/Kg	1	03/01/18	JLI	SW8260C
1,1-Dichloroethene	ND	6.0	0.60	ug/Kg	1	03/01/18	JLI	SW8260C

Project ID: BEACH 62ND ST., QUEENS, NY
Client ID: SB 10

Phoenix I.D.: BZ94521

Parameter	Result		RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference	
1,1-Dichloropropene	ND		6.0	0.60	ug/Kg	1	03/01/18	JLI	SW8260C	
1,2,3-Trichlorobenzene	ND		350	70	ug/Kg	50	03/01/18	JLI	SW8260C	
1,2,3-Trichloropropane	ND		350	35	ug/Kg	50	03/01/18	JLI	SW8260C	
1,2,4-Trichlorobenzene	ND		350	70	ug/Kg	50	03/01/18	JLI	SW8260C	
1,2,4-Trimethylbenzene	ND		350	35	ug/Kg	50	03/01/18	JLI	SW8260C	
1,2-Dibromo-3-chloropropane	ND		350	70	ug/Kg	50	03/01/18	JLI	SW8260C	
1,2-Dibromoethane	ND		6.0	0.60	ug/Kg	1	03/01/18	JLI	SW8260C	
1,2-Dichlorobenzene	ND		350	35	ug/Kg	50	03/01/18	JLI	SW8260C	
1,2-Dichloroethane	ND		6.0	0.60	ug/Kg	1	03/01/18	JLI	SW8260C	
1,2-Dichloropropane	ND		6.0	1.2	ug/Kg	1	03/01/18	JLI	SW8260C	
1,3,5-Trimethylbenzene	ND		350	35	ug/Kg	50	03/01/18	JLI	SW8260C	
1,3-Dichlorobenzene	ND		350	35	ug/Kg	50	03/01/18	JLI	SW8260C	
1,3-Dichloropropane	ND		6.0	1.2	ug/Kg	1	03/01/18	JLI	SW8260C	
1,4-Dichlorobenzene	ND		350	35	ug/Kg	50	03/01/18	JLI	SW8260C	
2,2-Dichloropropane	ND		6.0	0.60	ug/Kg	1	03/01/18	JLI	SW8260C	
2-Chlorotoluene	ND		350	70	ug/Kg	50	03/01/18	JLI	SW8260C	
2-Hexanone	ND		30	6.0	ug/Kg	1	03/01/18	JLI	SW8260C	
2-Isopropyltoluene	ND		350	35	ug/Kg	50	03/01/18	JLI	SW8260C	1
4-Chlorotoluene	ND		350	35	ug/Kg	50	03/01/18	JLI	SW8260C	
4-Methyl-2-pentanone	ND		30	6.0	ug/Kg	1	03/01/18	JLI	SW8260C	
Acetone	ND		30	6.0	ug/Kg	1	03/01/18	JLI	SW8260C	
Acrylonitrile	ND		12	1.2	ug/Kg	1	03/01/18	JLI	SW8260C	
Benzene	2.8	J	6.0	0.60	ug/Kg	1	03/01/18	JLI	SW8260C	
Bromobenzene	ND		350	35	ug/Kg	50	03/01/18	JLI	SW8260C	
Bromochloromethane	ND		6.0	0.60	ug/Kg	1	03/01/18	JLI	SW8260C	
Bromodichloromethane	ND		6.0	1.2	ug/Kg	1	03/01/18	JLI	SW8260C	
Bromoform	ND		6.0	1.2	ug/Kg	1	03/01/18	JLI	SW8260C	
Bromomethane	ND		6.0	2.4	ug/Kg	1	03/01/18	JLI	SW8260C	
Carbon Disulfide	ND		6.0	1.2	ug/Kg	1	03/01/18	JLI	SW8260C	
Carbon tetrachloride	ND		6.0	1.2	ug/Kg	1	03/01/18	JLI	SW8260C	
Chlorobenzene	ND		6.0	0.60	ug/Kg	1	03/01/18	JLI	SW8260C	
Chloroethane	ND		6.0	0.60	ug/Kg	1	03/01/18	JLI	SW8260C	
Chloroform	ND		6.0	0.60	ug/Kg	1	03/01/18	JLI	SW8260C	
Chloromethane	ND		6.0	1.2	ug/Kg	1	03/01/18	JLI	SW8260C	
cis-1,2-Dichloroethene	ND		6.0	0.60	ug/Kg	1	03/01/18	JLI	SW8260C	
cis-1,3-Dichloropropene	ND		6.0	0.60	ug/Kg	1	03/01/18	JLI	SW8260C	
Dibromochloromethane	ND		6.0	1.2	ug/Kg	1	03/01/18	JLI	SW8260C	
Dibromomethane	ND		6.0	1.2	ug/Kg	1	03/01/18	JLI	SW8260C	
Dichlorodifluoromethane	ND		6.0	0.60	ug/Kg	1	03/01/18	JLI	SW8260C	
Ethylbenzene	ND		6.0	0.60	ug/Kg	1	03/01/18	JLI	SW8260C	
Hexachlorobutadiene	ND		350	35	ug/Kg	50	03/01/18	JLI	SW8260C	
Isopropylbenzene	ND		350	35	ug/Kg	50	03/01/18	JLI	SW8260C	
m&p-Xylene	ND		6.0	1.2	ug/Kg	1	03/01/18	JLI	SW8260C	
Methyl Ethyl Ketone	ND		36	6.0	ug/Kg	1	03/01/18	JLI	SW8260C	
Methyl t-butyl ether (MTBE)	ND		12	1.2	ug/Kg	1	03/01/18	JLI	SW8260C	
Methylene chloride	ND		6.0	6.0	ug/Kg	1	03/01/18	JLI	SW8260C	
Naphthalene	ND		350	70	ug/Kg	50	03/01/18	JLI	SW8260C	
n-Butylbenzene	ND		350	35	ug/Kg	50	03/01/18	JLI	SW8260C	
n-Propylbenzene	ND		350	70	ug/Kg	50	03/01/18	JLI	SW8260C	

Project ID: BEACH 62ND ST., QUEENS, NY
Client ID: SB 10

Phoenix I.D.: BZ94521

Parameter	Result		RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference	
o-Xylene	ND		6.0	1.2	ug/Kg	1	03/01/18	JLI	SW8260C	
p-Isopropyltoluene	ND		350	35	ug/Kg	50	03/01/18	JLI	SW8260C	
sec-Butylbenzene	ND		350	35	ug/Kg	50	03/01/18	JLI	SW8260C	
Styrene	ND		6.0	0.60	ug/Kg	1	03/01/18	JLI	SW8260C	
tert-Butylbenzene	ND		350	35	ug/Kg	50	03/01/18	JLI	SW8260C	
Tetrachloroethene	ND		6.0	1.2	ug/Kg	1	03/01/18	JLI	SW8260C	
Tetrahydrofuran (THF)	6.1	J	12	3.0	ug/Kg	1	03/01/18	JLI	SW8260C	1
Toluene	0.99	J	6.0	0.60	ug/Kg	1	03/01/18	JLI	SW8260C	
trans-1,2-Dichloroethene	ND		6.0	0.60	ug/Kg	1	03/01/18	JLI	SW8260C	
trans-1,3-Dichloropropene	ND		6.0	0.60	ug/Kg	1	03/01/18	JLI	SW8260C	
trans-1,4-dichloro-2-butene	ND		700	180	ug/Kg	50	03/01/18	JLI	SW8260C	
Trichloroethene	ND		6.0	0.60	ug/Kg	1	03/01/18	JLI	SW8260C	
Trichlorofluoromethane	ND		6.0	1.2	ug/Kg	1	03/01/18	JLI	SW8260C	
Trichlorotrifluoroethane	ND		6.0	0.60	ug/Kg	1	03/01/18	JLI	SW8260C	
Vinyl chloride	ND		6.0	0.60	ug/Kg	1	03/01/18	JLI	SW8260C	
QA/QC Surrogates										
% 1,2-dichlorobenzene-d4	96				%	50	03/01/18	JLI	70 - 130 %	
% Bromofluorobenzene	97				%	50	03/01/18	JLI	70 - 130 %	
% Dibromofluoromethane	110				%	1	03/01/18	JLI	70 - 130 %	
% Toluene-d8	82				%	1	03/01/18	JLI	70 - 130 %	
1,4-dioxane										
1,4-dioxane	ND		89	48	ug/kg	1	03/01/18	JLI	SW8260C	
QA/QC Surrogates										
% 1,2-dichlorobenzene-d4	98				%	1	03/01/18	JLI	70 - 130 %	
% Bromofluorobenzene	75				%	1	03/01/18	JLI	70 - 130 %	
% Toluene-d8	82				%	1	03/01/18	JLI	70 - 130 %	
Volatiles										
1,1,1,2-Tetrachloroethane	ND		24	1.2	ug/Kg	1	03/01/18	JLI	SW8260C	
Acrolein	ND		6.0	1.2	ug/Kg	1	03/01/18	JLI	SW8260C	
Acrylonitrile	ND		24	0.60	ug/Kg	1	03/01/18	JLI	SW8260C	
Tert-butyl alcohol	ND		120	24	ug/Kg	1	03/01/18	JLI	SW8260C	
Semivolatiles										
1,2,4,5-Tetrachlorobenzene	ND		250	130	ug/Kg	1	02/27/18	DD	SW8270D	
1,2,4-Trichlorobenzene	ND		250	110	ug/Kg	1	02/27/18	DD	SW8270D	
1,2-Dichlorobenzene	ND		250	100	ug/Kg	1	02/27/18	DD	SW8270D	
1,2-Diphenylhydrazine	ND		250	120	ug/Kg	1	02/27/18	DD	SW8270D	
1,3-Dichlorobenzene	ND		250	110	ug/Kg	1	02/27/18	DD	SW8270D	
1,4-Dichlorobenzene	ND		250	110	ug/Kg	1	02/27/18	DD	SW8270D	
2,4,5-Trichlorophenol	ND		250	200	ug/Kg	1	02/27/18	DD	SW8270D	
2,4,6-Trichlorophenol	ND		180	120	ug/Kg	1	02/27/18	DD	SW8270D	
2,4-Dichlorophenol	ND		180	130	ug/Kg	1	02/27/18	DD	SW8270D	
2,4-Dimethylphenol	ND		250	90	ug/Kg	1	02/27/18	DD	SW8270D	
2,4-Dinitrophenol	ND		250	250	ug/Kg	1	02/27/18	DD	SW8270D	
2,4-Dinitrotoluene	ND		180	140	ug/Kg	1	02/27/18	DD	SW8270D	
2,6-Dinitrotoluene	ND		180	110	ug/Kg	1	02/27/18	DD	SW8270D	
2-Chloronaphthalene	ND		250	100	ug/Kg	1	02/27/18	DD	SW8270D	
2-Chlorophenol	ND		250	100	ug/Kg	1	02/27/18	DD	SW8270D	

Project ID: BEACH 62ND ST., QUEENS, NY
Client ID: SB 10

Phoenix I.D.: BZ94521

Parameter	Result		RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference	
2-Methylnaphthalene	ND		250	110	ug/Kg	1	02/27/18	DD	SW8270D	
2-Methylphenol (o-cresol)	ND		250	170	ug/Kg	1	02/27/18	DD	SW8270D	
2-Nitroaniline	ND		250	250	ug/Kg	1	02/27/18	DD	SW8270D	
2-Nitrophenol	ND		250	230	ug/Kg	1	02/27/18	DD	SW8270D	
3&4-Methylphenol (m&p-cresol)	ND		250	140	ug/Kg	1	02/27/18	DD	SW8270D	1
3,3'-Dichlorobenzidine	ND		180	170	ug/Kg	1	02/27/18	DD	SW8270D	
3-Nitroaniline	ND		360	730	ug/Kg	1	02/27/18	DD	SW8270D	
4,6-Dinitro-2-methylphenol	ND		220	73	ug/Kg	1	02/27/18	DD	SW8270D	
4-Bromophenyl phenyl ether	ND		250	110	ug/Kg	1	02/27/18	DD	SW8270D	
4-Chloro-3-methylphenol	ND		250	130	ug/Kg	1	02/27/18	DD	SW8270D	
4-Chloroaniline	ND		290	170	ug/Kg	1	02/27/18	DD	SW8270D	
4-Chlorophenyl phenyl ether	ND		250	120	ug/Kg	1	02/27/18	DD	SW8270D	
4-Nitroaniline	ND		360	120	ug/Kg	1	02/27/18	DD	SW8270D	
4-Nitrophenol	ND		360	160	ug/Kg	1	02/27/18	DD	SW8270D	
Acenaphthene	ND		250	110	ug/Kg	1	02/27/18	DD	SW8270D	
Acenaphthylene	ND		250	100	ug/Kg	1	02/27/18	DD	SW8270D	
Acetophenone	ND		250	110	ug/Kg	1	02/27/18	DD	SW8270D	
Aniline	ND		290	290	ug/Kg	1	02/27/18	DD	SW8270D	
Anthracene	160	J	250	120	ug/Kg	1	02/27/18	DD	SW8270D	
Benz(a)anthracene	420		250	120	ug/Kg	1	02/27/18	DD	SW8270D	
Benzidine	ND		360	210	ug/Kg	1	02/27/18	DD	SW8270D	
Benzo(a)pyrene	410		180	120	ug/Kg	1	02/27/18	DD	SW8270D	
Benzo(b)fluoranthene	400		250	120	ug/Kg	1	02/27/18	DD	SW8270D	
Benzo(ghi)perylene	300		250	120	ug/Kg	1	02/27/18	DD	SW8270D	
Benzo(k)fluoranthene	360		250	120	ug/Kg	1	02/27/18	DD	SW8270D	
Benzoic acid	ND		1800	730	ug/Kg	1	02/27/18	DD	SW8270D	
Benzyl butyl phthalate	ND		250	94	ug/Kg	1	02/27/18	DD	SW8270D	
Bis(2-chloroethoxy)methane	ND		250	100	ug/Kg	1	02/27/18	DD	SW8270D	
Bis(2-chloroethyl)ether	ND		180	98	ug/Kg	1	02/27/18	DD	SW8270D	
Bis(2-chloroisopropyl)ether	ND		250	100	ug/Kg	1	02/27/18	DD	SW8270D	
Bis(2-ethylhexyl)phthalate	ND		250	100	ug/Kg	1	02/27/18	DD	SW8270D	
Carbazole	ND		180	150	ug/Kg	1	02/27/18	DD	SW8270D	
Chrysene	420		250	120	ug/Kg	1	02/27/18	DD	SW8270D	
Dibenz(a,h)anthracene	160	J	180	120	ug/Kg	1	02/27/18	DD	SW8270D	
Dibenzofuran	ND		250	110	ug/Kg	1	02/27/18	DD	SW8270D	
Diethyl phthalate	ND		250	110	ug/Kg	1	02/27/18	DD	SW8270D	
Dimethylphthalate	ND		250	110	ug/Kg	1	02/27/18	DD	SW8270D	
Di-n-butylphthalate	ND		250	97	ug/Kg	1	02/27/18	DD	SW8270D	
Di-n-octylphthalate	ND		250	94	ug/Kg	1	02/27/18	DD	SW8270D	
Fluoranthene	1000		250	120	ug/Kg	1	02/27/18	DD	SW8270D	
Fluorene	ND		250	120	ug/Kg	1	02/27/18	DD	SW8270D	
Hexachlorobenzene	ND		180	110	ug/Kg	1	02/27/18	DD	SW8270D	
Hexachlorobutadiene	ND		250	130	ug/Kg	1	02/27/18	DD	SW8270D	
Hexachlorocyclopentadiene	ND		250	110	ug/Kg	1	02/27/18	DD	SW8270D	
Hexachloroethane	ND		180	110	ug/Kg	1	02/27/18	DD	SW8270D	
Indeno(1,2,3-cd)pyrene	340		250	120	ug/Kg	1	02/27/18	DD	SW8270D	
Isophorone	ND		180	100	ug/Kg	1	02/27/18	DD	SW8270D	
Naphthalene	ND		250	100	ug/Kg	1	02/27/18	DD	SW8270D	
Nitrobenzene	ND		180	130	ug/Kg	1	02/27/18	DD	SW8270D	

Project ID: BEACH 62ND ST., QUEENS, NY
Client ID: SB 10

Phoenix I.D.: BZ94521

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference	
N-Nitrosodimethylamine	ND	250	100	ug/Kg	1	02/27/18	DD	SW8270D	
N-Nitrosodi-n-propylamine	ND	180	120	ug/Kg	1	02/27/18	DD	SW8270D	
N-Nitrosodiphenylamine	ND	250	140	ug/Kg	1	02/27/18	DD	SW8270D	
Pentachloronitrobenzene	ND	250	140	ug/Kg	1	02/27/18	DD	SW8270D	
Pentachlorophenol	ND	220	140	ug/Kg	1	02/27/18	DD	SW8270D	
Phenanthrene	700	250	100	ug/Kg	1	02/27/18	DD	SW8270D	
Phenol	ND	250	120	ug/Kg	1	02/27/18	DD	SW8270D	
Pyrene	860	250	130	ug/Kg	1	02/27/18	DD	SW8270D	
Pyridine	ND	250	90	ug/Kg	1	02/27/18	DD	SW8270D	
QA/QC Surrogates									
% 2,4,6-Tribromophenol	84			%	1	02/27/18	DD	30 - 130 %	
% 2-Fluorobiphenyl	66			%	1	02/27/18	DD	30 - 130 %	
% 2-Fluorophenol	52			%	1	02/27/18	DD	30 - 130 %	
% Nitrobenzene-d5	75			%	1	02/27/18	DD	30 - 130 %	
% Phenol-d5	62			%	1	02/27/18	DD	30 - 130 %	
% Terphenyl-d14	65			%	1	02/27/18	DD	30 - 130 %	
Field Extraction	Completed					02/23/18		SW5035A	1

1 = This parameter is not certified by NY NELAC for this matrix. NY NELAC does not offer certification for all parameters at this time.

RL/PQL=Reporting/Practical Quantitation Level (Equivalent to NELAC LOQ, Limit of Quantitation) ND=Not Detected BRL=Below Reporting Level L=Biased Low J=Estimated Below RL LOD=Limit of Detection MDL=Method Detection Limit1
QA/QC Surrogates: Surrogates are compounds (preceeded with a %) added by the lab to determine analysis efficiency. Surrogate results(%) listed in the report are not "detected" compounds.

Comments:

Per 1.4.6 of EPA method 8270D, 1,2-Diphenylhydrazine is unstable and readily converts to Azobenzene. Azobenzene is used for the calibration of 1,2-Diphenylhydrazine.

Please be advised that the NY 375 soil criteria for chromium are based on hexavalent chromium and trivalent chromium.

Pesticide Comment:
A dilution of the pesticide extract was necessary due to matrix interference caused by the presence of PCBs in the sample, the requested criteria could not be met for all pesticide compounds.

Volatile Comment:
There was a suppression of the last internal standard in the low level analysis, all affected compounds are reported from the methanol preserved high level analysis which did not exhibit this interference.

All soils, solids and sludges are reported on a dry weight basis unless otherwise noted in the sample comments.

If there are any questions regarding this data, please call Phoenix Client Services.

Phyllis Shiller, Laboratory Director
March 05, 2018
Reviewed and Released by: Phyllis Shiller, Laboratory Director

Monday, March 05, 2018

Criteria: NY: 375, 375GWP, 375RRS, 375RS

State: NY

Sample Criteria Exceedances Report

GBZ94512 - EBC

SampNo	Acode	Phoenix Analyte	Criteria	Result	RL	Criteria	RL Criteria	Analysis Units
BZ94512	$8270SMRDP	Chrysene	NY / 375-6.8 Semivolatiles / Ground Water Protection	1100	270	1000	1000	ug/Kg
BZ94512	$8270SMRDP	Benzo(b)fluoranthene	NY / 375-6.8 Semivolatiles / Residential	1100	270	1000	1000	ug/Kg
BZ94512	$8270SMRDP	Chrysene	NY / 375-6.8 Semivolatiles / Residential	1100	270	1000	1000	ug/Kg
BZ94512	$8270SMRDP	Indeno(1,2,3-cd)pyrene	NY / 375-6.8 Semivolatiles / Residential	1100	270	500	500	ug/Kg
BZ94512	$8270SMRDP	Benzo(a)pyrene	NY / 375-6.8 Semivolatiles / Residential	1200	190	1000	1000	ug/Kg
BZ94512	$8270SMRDP	Benzo(a)pyrene	NY / 375-6.8 Semivolatiles / Residential Restricted	1200	190	1000	1000	ug/Kg
BZ94512	$8270SMRDP	Benzo(b)fluoranthene	NY / 375-6.8 Semivolatiles / Residential Restricted	1100	270	1000	1000	ug/Kg
BZ94512	$8270SMRDP	Indeno(1,2,3-cd)pyrene	NY / 375-6.8 Semivolatiles / Residential Restricted	1100	270	500	500	ug/Kg
BZ94512	$8270SMRDP	Indeno(1,2,3-cd)pyrene	NY / 375-6.8 Semivolatiles / Unrestricted Use Soil	1100	270	500	500	ug/Kg
BZ94512	$8270SMRDP	Benzo(a)pyrene	NY / 375-6.8 Semivolatiles / Unrestricted Use Soil	1200	190	1000	1000	ug/Kg
BZ94512	$8270SMRDP	Benzo(b)fluoranthene	NY / 375-6.8 Semivolatiles / Unrestricted Use Soil	1100	270	1000	1000	ug/Kg
BZ94512	$8270SMRDP	Benzo(k)fluoranthene	NY / 375-6.8 Semivolatiles / Unrestricted Use Soil	920	270	800	800	ug/Kg
BZ94512	$8270SMRDP	Chrysene	NY / 375-6.8 Semivolatiles / Unrestricted Use Soil	1100	270	1000	1000	ug/Kg
BZ94512	AS-SM	Arsenic	NY / 375-6.8 Metals / Ground Water Protection	23.8	0.69	16	16	mg/Kg
BZ94512	AS-SM	Arsenic	NY / 375-6.8 Metals / Residential	23.8	0.69	16	16	mg/Kg
BZ94512	AS-SM	Arsenic	NY / 375-6.8 Metals / Residential Restricted	23.8	0.69	16	16	mg/Kg
BZ94512	AS-SM	Arsenic	NY / 375-6.8 Metals / Unrestricted Use Soil	23.8	0.69	13	13	mg/Kg
BZ94512	BA-SMDP	Barium	NY / 375-6.8 Metals / Ground Water Protection	1790	6.9	820	820	mg/Kg
BZ94512	BA-SMDP	Barium	NY / 375-6.8 Metals / Residential	1790	6.9	350	350	mg/Kg
BZ94512	BA-SMDP	Barium	NY / 375-6.8 Metals / Residential Restricted	1790	6.9	400	400	mg/Kg
BZ94512	BA-SMDP	Barium	NY / 375-6.8 Metals / Unrestricted Use Soil	1790	6.9	350	350	mg/Kg
BZ94512	CD-SM	Cadmium	NY / 375-6.8 Metals / Residential	2.95	0.35	2.5	2.5	mg/Kg
BZ94512	CD-SM	Cadmium	NY / 375-6.8 Metals / Unrestricted Use Soil	2.95	0.35	2.5	2.5	mg/Kg
BZ94512	CU-SM	Copper	NY / 375-6.8 Metals / Unrestricted Use Soil	246	3.5	50	50	mg/kg
BZ94512	HG-SM	Mercury	NY / 375-6.8 Metals / Unrestricted Use Soil	0.19	0.14	0.18	0.18	mg/Kg
BZ94512	NI-SM	Nickel	NY / 375-6.8 Metals / Unrestricted Use Soil	34.8	0.35	30	30	mg/Kg
BZ94512	PB-SMDP	Lead	NY / 375-6.8 Metals / Ground Water Protection	1590	69	450	450	mg/Kg
BZ94512	PB-SMDP	Lead	NY / 375-6.8 Metals / Residential	1590	69	400	400	mg/Kg
BZ94512	PB-SMDP	Lead	NY / 375-6.8 Metals / Residential Restricted	1590	69	400	400	mg/Kg
BZ94512	PB-SMDP	Lead	NY / 375-6.8 Metals / Unrestricted Use Soil	1590	69	63	63	mg/Kg
BZ94512	ZN-SMDP	Zinc	NY / 375-6.8 Metals / Unrestricted Use Soil	1130	6.9	109	109	mg/Kg
BZ94513	PB-SMDP	Lead	NY / 375-6.8 Metals / Unrestricted Use Soil	68.7	0.8	63	63	mg/Kg
BZ94514	$PESTSMDPR	4,4' -DDT	NY / 375-6.8 PCBs/Pesticides / Unrestricted Use Soil	9.5	2.2	3.3	3.3	ug/Kg
BZ94514	HG-SM	Mercury	NY / 375-6.8 Metals / Unrestricted Use Soil	0.23	0.15	0.18	0.18	mg/Kg
BZ94514	PB-SMDP	Lead	NY / 375-6.8 Metals / Unrestricted Use Soil	80.7	0.7	63	63	mg/Kg
BZ94515	$8270SMRDP	Indeno(1,2,3-cd)pyrene	NY / 375-6.8 Semivolatiles / Residential	570	270	500	500	ug/Kg
BZ94515	$8270SMRDP	Indeno(1,2,3-cd)pyrene	NY / 375-6.8 Semivolatiles / Residential Restricted	570	270	500	500	ug/Kg
BZ94515	$8270SMRDP	Indeno(1,2,3-cd)pyrene	NY / 375-6.8 Semivolatiles / Unrestricted Use Soil	570	270	500	500	ug/Kg
BZ94515	$PESTSMDPR	4,4' -DDD	NY / 375-6.8 PCBs/Pesticides / Unrestricted Use Soil	130	23	3.3	3.3	ug/Kg
BZ94515	$PESTSMDPR	4,4' -DDE	NY / 375-6.8 PCBs/Pesticides / Unrestricted Use Soil	49	2.3	3.3	3.3	ug/Kg

Monday, March 05, 2018

Criteria: NY: 375, 375GWP, 375RRS, 375RS

State: NY

Sample Criteria Exceedances Report

GBZ94512 - EBC

SampNo	Acode	Phoenix Analyte	Criteria	Result	RL	Criteria	RL Criteria	Analysis Units
BZ94515	AG-SM	Silver	NY / 375-6.8 Metals / Unrestricted Use Soil	4.04	0.35	2	2	mg/Kg
BZ94515	AS-SM	Arsenic	NY / 375-6.8 Metals / Ground Water Protection	30.2	0.70	16	16	mg/Kg
BZ94515	AS-SM	Arsenic	NY / 375-6.8 Metals / Residential	30.2	0.70	16	16	mg/Kg
BZ94515	AS-SM	Arsenic	NY / 375-6.8 Metals / Residential Restricted	30.2	0.70	16	16	mg/Kg
BZ94515	AS-SM	Arsenic	NY / 375-6.8 Metals / Unrestricted Use Soil	30.2	0.70	13	13	mg/Kg
BZ94515	CU-SM	Copper	NY / 375-6.8 Metals / Residential	384	3.5	270	270	mg/kg
BZ94515	CU-SM	Copper	NY / 375-6.8 Metals / Residential Restricted	384	3.5	270	270	mg/kg
BZ94515	CU-SM	Copper	NY / 375-6.8 Metals / Unrestricted Use Soil	384	3.5	50	50	mg/kg
BZ94515	HG-SM	Mercury	NY / 375-6.8 Metals / Unrestricted Use Soil	0.45	0.14	0.18	0.18	mg/Kg
BZ94515	PB-SMDP	Lead	NY / 375-6.8 Metals / Unrestricted Use Soil	220	7.0	63	63	mg/Kg
BZ94515	ZN-SMDP	Zinc	NY / 375-6.8 Metals / Unrestricted Use Soil	228	7.0	109	109	mg/Kg
BZ94516	PB-SMDP	Lead	NY / 375-6.8 Metals / Unrestricted Use Soil	86.0	0.7	63	63	mg/Kg
BZ94517	$8270SMRDP	Benz(a)anthracene	NY / 375-6.8 Semivolatiles / Ground Water Protection	1500	270	1000	1000	ug/Kg
BZ94517	$8270SMRDP	Chrysene	NY / 375-6.8 Semivolatiles / Ground Water Protection	1700	270	1000	1000	ug/Kg
BZ94517	$8270SMRDP	Benzo(a)pyrene	NY / 375-6.8 Semivolatiles / Residential	1200	200	1000	1000	ug/Kg
BZ94517	$8270SMRDP	Chrysene	NY / 375-6.8 Semivolatiles / Residential	1700	270	1000	1000	ug/Kg
BZ94517	$8270SMRDP	Indeno(1,2,3-cd)pyrene	NY / 375-6.8 Semivolatiles / Residential	700	270	500	500	ug/Kg
BZ94517	$8270SMRDP	Benz(a)anthracene	NY / 375-6.8 Semivolatiles / Residential	1500	270	1000	1000	ug/Kg
BZ94517	$8270SMRDP	Benz(a)anthracene	NY / 375-6.8 Semivolatiles / Residential Restricted	1500	270	1000	1000	ug/Kg
BZ94517	$8270SMRDP	Benzo(a)pyrene	NY / 375-6.8 Semivolatiles / Residential Restricted	1200	200	1000	1000	ug/Kg
BZ94517	$8270SMRDP	Indeno(1,2,3-cd)pyrene	NY / 375-6.8 Semivolatiles / Residential Restricted	700	270	500	500	ug/Kg
BZ94517	$8270SMRDP	Indeno(1,2,3-cd)pyrene	NY / 375-6.8 Semivolatiles / Unrestricted Use Soil	700	270	500	500	ug/Kg
BZ94517	$8270SMRDP	Benz(a)anthracene	NY / 375-6.8 Semivolatiles / Unrestricted Use Soil	1500	270	1000	1000	ug/Kg
BZ94517	$8270SMRDP	Benzo(a)pyrene	NY / 375-6.8 Semivolatiles / Unrestricted Use Soil	1200	200	1000	1000	ug/Kg
BZ94517	$8270SMRDP	Chrysene	NY / 375-6.8 Semivolatiles / Unrestricted Use Soil	1700	270	1000	1000	ug/Kg
BZ94517	$PESTSMDPR	Dieldrin	NY / 375-6.8 PCBs/Pesticides / Unrestricted Use Soil	5.4	3.9	5	5	ug/Kg
BZ94517	$PESTSMDPR	4,4' -DDT	NY / 375-6.8 PCBs/Pesticides / Unrestricted Use Soil	8.9	3.3	3.3	3.3	ug/Kg
BZ94517	$PESTSMDPR	4,4' -DDD	NY / 375-6.8 PCBs/Pesticides / Unrestricted Use Soil	27	2.4	3.3	3.3	ug/Kg
BZ94517	$PESTSMDPR	4,4' -DDE	NY / 375-6.8 PCBs/Pesticides / Unrestricted Use Soil	7.0	3.3	3.3	3.3	ug/Kg
BZ94517	BA-SMDP	Barium	NY / 375-6.8 Metals / Residential	359	0.7	350	350	mg/Kg
BZ94517	BA-SMDP	Barium	NY / 375-6.8 Metals / Unrestricted Use Soil	359	0.7	350	350	mg/Kg
BZ94517	CU-SM	Copper	NY / 375-6.8 Metals / Unrestricted Use Soil	60.7	0.36	50	50	mg/kg
BZ94517	HG-SM	Mercury	NY / 375-6.8 Metals / Unrestricted Use Soil	0.26	0.14	0.18	0.18	mg/Kg
BZ94517	PB-SMDP	Lead	NY / 375-6.8 Metals / Ground Water Protection	657	7.2	450	450	mg/Kg
BZ94517	PB-SMDP	Lead	NY / 375-6.8 Metals / Residential	657	7.2	400	400	mg/Kg
BZ94517	PB-SMDP	Lead	NY / 375-6.8 Metals / Residential Restricted	657	7.2	400	400	mg/Kg
BZ94517	PB-SMDP	Lead	NY / 375-6.8 Metals / Unrestricted Use Soil	657	7.2	63	63	mg/Kg
BZ94517	ZN-SMDP	Zinc	NY / 375-6.8 Metals / Unrestricted Use Soil	376	7.2	109	109	mg/Kg
BZ94518	$8260MADPR	Benzene	NY / 375-6.8 Volatiles / Ground Water Protection	86	310	60	60	ug/Kg
BZ94518	$8260MADPR	Acetone	NY / 375-6.8 Volatiles / Ground Water Protection	120	27	50	50	ug/Kg

Monday, March 05, 2018

Criteria: NY: 375, 375GWP, 375RRS, 375RS

State: NY

Sample Criteria Exceedances Report

GBZ94512 - EBC

SampNo	Acode	Phoenix Analyte	Criteria	Result	RL	Criteria	RL Criteria	Analysis Units
BZ94518	$8260MADPR	Acetone	NY / 375-6.8 Volatiles / Unrestricted Use Soil	120	27	50	50	ug/Kg
BZ94518	$8260MADPR	Benzene	NY / 375-6.8 Volatiles / Unrestricted Use Soil	86	310	60	60	ug/Kg
BZ94518	$8270SMRDP	Benz(a)anthracene	NY / 375-6.8 Semivolatiles / Ground Water Protection	1300	260	1000	1000	ug/Kg
BZ94518	$8270SMRDP	Chrysene	NY / 375-6.8 Semivolatiles / Ground Water Protection	1400	260	1000	1000	ug/Kg
BZ94518	$8270SMRDP	Benz(a)anthracene	NY / 375-6.8 Semivolatiles / Residential	1300	260	1000	1000	ug/Kg
BZ94518	$8270SMRDP	Chrysene	NY / 375-6.8 Semivolatiles / Residential	1400	260	1000	1000	ug/Kg
BZ94518	$8270SMRDP	Indeno(1,2,3-cd)pyrene	NY / 375-6.8 Semivolatiles / Residential	540	260	500	500	ug/Kg
BZ94518	$8270SMRDP	Benz(a)anthracene	NY / 375-6.8 Semivolatiles / Residential Restricted	1300	260	1000	1000	ug/Kg
BZ94518	$8270SMRDP	Indeno(1,2,3-cd)pyrene	NY / 375-6.8 Semivolatiles / Residential Restricted	540	260	500	500	ug/Kg
BZ94518	$8270SMRDP	Indeno(1,2,3-cd)pyrene	NY / 375-6.8 Semivolatiles / Unrestricted Use Soil	540	260	500	500	ug/Kg
BZ94518	$8270SMRDP	Benz(a)anthracene	NY / 375-6.8 Semivolatiles / Unrestricted Use Soil	1300	260	1000	1000	ug/Kg
BZ94518	$8270SMRDP	Chrysene	NY / 375-6.8 Semivolatiles / Unrestricted Use Soil	1400	260	1000	1000	ug/Kg
BZ94518	PB-SMDP	Lead	NY / 375-6.8 Metals / Unrestricted Use Soil	79.3	0.7	63	63	mg/Kg
BZ94519	$8260MADPR	Acetone	NY / 375-6.8 Volatiles / Ground Water Protection	99	32	50	50	ug/Kg
BZ94519	$8260MADPR	Acetone	NY / 375-6.8 Volatiles / Unrestricted Use Soil	99	32	50	50	ug/Kg
BZ94519	PB-SMDP	Lead	NY / 375-6.8 Metals / Unrestricted Use Soil	89.5	0.7	63	63	mg/Kg
BZ94520	$8260MADPR	Acetone	NY / 375-6.8 Volatiles / Ground Water Protection	66	31	50	50	ug/Kg
BZ94520	$8260MADPR	Acetone	NY / 375-6.8 Volatiles / Unrestricted Use Soil	66	31	50	50	ug/Kg
BZ94520	CU-SM	Copper	NY / 375-6.8 Metals / Unrestricted Use Soil	53.1	0.41	50	50	mg/kg
BZ94520	PB-SMDP	Lead	NY / 375-6.8 Metals / Unrestricted Use Soil	281	8.2	63	63	mg/Kg
BZ94520	ZN-SMDP	Zinc	NY / 375-6.8 Metals / Unrestricted Use Soil	317	8.2	109	109	mg/Kg
BZ94521	$PCB_SMRDP	PCB-1254	NY / 375-6.8 PCBs/Pesticides / Unrestricted Use Soil	110	73	100	100	ug/Kg
BZ94521	$PESTSMDPR	4,4' -DDD	NY / 375-6.8 PCBs/Pesticides / Unrestricted Use Soil	7.1	3.3	3.3	3.3	ug/Kg
BZ94521	$PESTSMDPR	4,4' -DDT	NY / 375-6.8 PCBs/Pesticides / Unrestricted Use Soil	4.5	3.3	3.3	3.3	ug/Kg
BZ94521	PB-SMDP	Lead	NY / 375-6.8 Metals / Unrestricted Use Soil	291	7.8	63	63	mg/Kg

Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102 Fax (860) 645-0823

ACCREDITED IN ACCORDANCE WITH nelac NY # 11301

NY Temperature Narration

March 05, 2018

SDG I.D.: GBZ94512

The samples in this delivery group were received at 2.4°C.
(Note acceptance criteria is above freezing up to 6°C)

Cooler: Yes [X] No [ ]
Coolant: IPK [X] ICE [X] No [ ]
Temp 2.1 °C Pg 1 of 1

PHOENIX
Environmental Laboratories, Inc.

NY/NJ CHAIN OF CUSTODY RECORD

587 East Middle Turnpike, P.O. Box 370, Manchester, CT 06040
Email: info@phoenixlabs.com Fax (860) 645-0823
Client Services (860) 645-8726

Contact Options:
[ ] Fax:
[ ] Phone: 631-504-6000
[X] Email: File

Customer: Environmental Business Consultants
Address: 1808 Middle Country Road
Ridge, NY 11961

Project: Beach 62nd st, Queens, NY
Report to: Environmental Business Consultants
Invoice to: Environmental Business Consultants

Project P.O:

This section MUST be completed with Bottle Quantities.

Client/Sample - Information - Identification

Sampler's Signature: Hongpeng Lan Date: 2/23/18

Matrix Code:
DW=Drinking Water **GW**=Ground Water **SW**=Surface Water **WW**=Waste Water
RW=Raw Water **SE**=Sediment **SL**=Sludge **S**=Soil **SD**=Solid **W**=Wipe
OIL=Oil **B**=Bulk **L**=Liquid

Analysis Request

PHOENIX USE ONLY SAMPLE #	Customer Sample Identification	Sample Matrix	Date Sampled	Time Sampled	VOCs 8260	SVOCs 8270	PCBs/Pesticides	TAL Metals	Soil VOA Vials	Soil VOA Vials H2O	GL Soil container [ ] methanol	GL Soil container ( ) oz	40 ml VOA Vial [ ] As is [ ] HCl	GL Amber 1000ml [ ] As is [ ] H2SO4	PL As is [ ] 250ml [ ] 500ml [ ] 1000ml	PL H2SO4 [ ] 250ml [ ] 500ml	PL HNO3 250ml	PL NaOH 250ml	Bacteria Bottle
94512	SB 1	S	2/23/18		X	X	X	X	2	1	1								
94513	SB 2	S			X	X	X	X	2	1	1								
94514	SB 3	S			X	X	X	X	2	1	1								
94515	SB 4	S			X	X	X	X	2	1	1								
94516	SB 5	S			X	X	X	X	2	1	1								
94517	SB 6	S			X	X	X	X	2	1	1								
94518	SB 7	S			X	X	X	X	2	1	1								
94519	SB 8	S			X	X	X	X	2	1	1								
94520	SB 9	S			X	X	X	X	2	1	1								
94521	SB 10	S			X	X	X	X	2	1	1								

Relinquished by:	Accepted by:	Date:	Time:
		2/26/18	10:30
	Donald Le	2/26/18	1320

Comments, Special Requirements or Regulations:

Turnaround:
[ ] 1 Day*
[ ] 2 Days*
[X] 3 Days*
[X] 5 Days
[ ] 10 Days
[ ] Other
* SURCHARGE APPLIES

NJ
[ ] Res. Criteria
[ ] Non-Res. Criteria
[ ] Impact to GW Soil Cleanup Criteria
[ ] GW Criteria

NY
[ ] NY 375 GWP
[X] NY375 Unrestricted Use Soil
[X] NY375 Residential Soil
[X] Restricted/Residential
[ ] Commercial
[ ] Industrial

Data Format
[ ] Phoenix Std Report
[X] Excel
[X] PDF
[ ] GIS/Key
[X] EQuIS
[ ] NJ Hazsite EDD
[X] NY EZ EDD (ASP)
[ ] Other

Data Package
[ ] NJ Reduced Deliv. *
[X] NY Enhanced (ASP B) *
[ ] Other

State where samples were collected: NY

PHOENIX
Environmental Laboratories, Inc.

Tuesday, February 27, 2018

Attn: Mr. Charles B. Sosik, P.G.
Environmental Business Consultants
1808 Middle Country Rd
Ridge NY 11961-2406

Project ID: BEACH 62ND ST., QUEENS
Sample ID#s: BZ94522 - BZ94526

This laboratory is in compliance with the NELAC requirements of procedures used except where indicated.

This report contains results for the parameters tested, under the sampling conditions described on the Chain Of Custody, as received by the laboratory. This report is incomplete unless all pages indicated in the pagination at the bottom of the page are included.

A scanned version of the COC form accompanies the analytical report and is an exact duplicate of the original.

If you have any questions concerning this testing, please do not hesitate to contact Phoenix Client Services at ext. 200.

Sincerely yours,

Phyllis Shiller
Laboratory Director

NELAC - #NY11301
CT Lab Registration #PH-0618
MA Lab Registration #M-CT007
ME Lab Registration #CT-007
NH Lab Registration #213693-A,B
NJ Lab Registration #CT-003
NY Lab Registration #11301
PA Lab Registration #68-03530
RI Lab Registration #63
UT Lab Registration #CT00007
VT Lab Registration #VT11301

Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102 Fax (860) 645-0823

NY # 11301

SDG Comments

February 27, 2018

SDG I.D.: GBZ94522

8260 Volatile Organics:
1,2-Dibromoethane, 1,2,3 Trichloropropane, and 1,2-Dibromo-3-chloropropane do not meet NY TOGS GA criteria, these compounds are analyzed by GC/FID method 504 or 8011 to achieve this criteria.

Any compound that is not detected above the MDL/LOD is reported as ND on the report and is reported in the electronic deliverables (EDD) as <RL or U at the RL per state and EPA guidance.

Version 1: Analysis results minus raw data.

Version 2: Complete report with raw data.

Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102 Fax (860) 645-0823

ACCREDITED IN ACCORDANCE WITH nelac NY # 11301

Analysis Report

February 27, 2018

FOR: Attn: Mr. Charles B. Sosik, P.G.
Environmental Business Consultants
1808 Middle Country Rd
Ridge NY 11961-2406

Sample Information		Custody Information		Date	Time
Matrix:	GROUND WATER	Collected by:	HL	02/23/18	
Location Code:	EBC	Received by:	LB	02/26/18	13:20
Rush Request:	72 Hour	Analyzed by:	see "By" below		
P.O.#:					

Laboratory Data

SDG ID: GBZ94522
Phoenix ID: BZ94522

Project ID: BEACH 62ND ST., QUEENS
Client ID: GW1

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference	
Volatiles									
1,1,1,2-Tetrachloroethane	ND	1.0	0.25	ug/L	1	02/26/18	MH	SW8260C	
1,1,1-Trichloroethane	ND	5.0	0.25	ug/L	1	02/26/18	MH	SW8260C	
1,1,2,2-Tetrachloroethane	ND	1.0	0.25	ug/L	1	02/26/18	MH	SW8260C	
1,1,2-Trichloroethane	ND	1.0	0.25	ug/L	1	02/26/18	MH	SW8260C	
1,1-Dichloroethane	ND	5.0	0.25	ug/L	1	02/26/18	MH	SW8260C	
1,1-Dichloroethene	ND	1.0	0.25	ug/L	1	02/26/18	MH	SW8260C	
1,1-Dichloropropene	ND	1.0	0.25	ug/L	1	02/26/18	MH	SW8260C	
1,2,3-Trichlorobenzene	ND	1.0	0.25	ug/L	1	02/26/18	MH	SW8260C	
1,2,3-Trichloropropane	ND	0.25	0.25	ug/L	1	02/26/18	MH	SW8260C	
1,2,4-Trichlorobenzene	ND	1.0	0.25	ug/L	1	02/26/18	MH	SW8260C	
1,2,4-Trimethylbenzene	ND	1.0	0.25	ug/L	1	02/26/18	MH	SW8260C	
1,2-Dibromo-3-chloropropane	ND	0.50	0.50	ug/L	1	02/26/18	MH	SW8260C	
1,2-Dibromoethane	ND	0.25	0.25	ug/L	1	02/26/18	MH	SW8260C	
1,2-Dichlorobenzene	ND	1.0	0.25	ug/L	1	02/26/18	MH	SW8260C	
1,2-Dichloroethane	ND	0.60	0.50	ug/L	1	02/26/18	MH	SW8260C	
1,2-Dichloropropane	ND	1.0	0.25	ug/L	1	02/26/18	MH	SW8260C	
1,3,5-Trimethylbenzene	ND	1.0	0.25	ug/L	1	02/26/18	MH	SW8260C	
1,3-Dichlorobenzene	ND	1.0	0.25	ug/L	1	02/26/18	MH	SW8260C	
1,3-Dichloropropane	ND	1.0	0.25	ug/L	1	02/26/18	MH	SW8260C	
1,4-Dichlorobenzene	ND	1.0	0.25	ug/L	1	02/26/18	MH	SW8260C	
2,2-Dichloropropane	ND	1.0	0.25	ug/L	1	02/26/18	MH	SW8260C	
2-Chlorotoluene	ND	1.0	0.25	ug/L	1	02/26/18	MH	SW8260C	
2-Hexanone	ND	2.5	2.5	ug/L	1	02/26/18	MH	SW8260C	
2-Isopropyltoluene	ND	1.0	0.25	ug/L	1	02/26/18	MH	SW8260C	1
4-Chlorotoluene	ND	1.0	0.25	ug/L	1	02/26/18	MH	SW8260C	
4-Methyl-2-pentanone	ND	2.5	2.5	ug/L	1	02/26/18	MH	SW8260C	

Project ID: BEACH 62ND ST., QUEENS
Client ID: GW1

Phoenix I.D.: BZ94522

Parameter	Result		RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference	
Acetone	6.9	S	5.0	2.5	ug/L	1	02/26/18	MH	SW8260C	
Acrolein	ND		5.0	2.5	ug/L	1	02/26/18	MH	SW8260C	
Acrylonitrile	ND		5.0	2.5	ug/L	1	02/26/18	MH	SW8260C	
Benzene	0.84		0.70	0.25	ug/L	1	02/26/18	MH	SW8260C	
Bromobenzene	ND		1.0	0.25	ug/L	1	02/26/18	MH	SW8260C	
Bromochloromethane	ND		1.0	0.25	ug/L	1	02/26/18	MH	SW8260C	
Bromodichloromethane	ND		1.0	0.25	ug/L	1	02/26/18	MH	SW8260C	
Bromoform	ND		5.0	0.25	ug/L	1	02/26/18	MH	SW8260C	
Bromomethane	ND		5.0	0.25	ug/L	1	02/26/18	MH	SW8260C	
Carbon Disulfide	0.35	J	1.0	0.25	ug/L	1	02/26/18	MH	SW8260C	
Carbon tetrachloride	ND		1.0	0.25	ug/L	1	02/26/18	MH	SW8260C	
Chlorobenzene	ND		5.0	0.25	ug/L	1	02/26/18	MH	SW8260C	
Chloroethane	ND		5.0	0.25	ug/L	1	02/26/18	MH	SW8260C	
Chloroform	ND		5.0	0.25	ug/L	1	02/26/18	MH	SW8260C	
Chloromethane	ND		5.0	0.25	ug/L	1	02/26/18	MH	SW8260C	
cis-1,2-Dichloroethene	ND		1.0	0.25	ug/L	1	02/26/18	MH	SW8260C	
cis-1,3-Dichloropropene	ND		0.40	0.25	ug/L	1	02/26/18	MH	SW8260C	
Dibromochloromethane	ND		1.0	0.25	ug/L	1	02/26/18	MH	SW8260C	
Dibromomethane	ND		1.0	0.25	ug/L	1	02/26/18	MH	SW8260C	
Dichlorodifluoromethane	ND		1.0	0.25	ug/L	1	02/26/18	MH	SW8260C	
Ethylbenzene	ND		1.0	0.25	ug/L	1	02/26/18	MH	SW8260C	
Hexachlorobutadiene	ND		0.50	0.20	ug/L	1	02/26/18	MH	SW8260C	
Isopropylbenzene	ND		1.0	0.25	ug/L	1	02/26/18	MH	SW8260C	
m&p-Xylene	ND		1.0	0.25	ug/L	1	02/26/18	MH	SW8260C	
Methyl ethyl ketone	ND		2.5	2.5	ug/L	1	02/26/18	MH	SW8260C	
Methyl t-butyl ether (MTBE)	ND		1.0	0.25	ug/L	1	02/26/18	MH	SW8260C	
Methylene chloride	ND		3.0	1.0	ug/L	1	02/26/18	MH	SW8260C	
Naphthalene	ND		1.0	1.0	ug/L	1	02/26/18	MH	SW8260C	
n-Butylbenzene	ND		1.0	0.25	ug/L	1	02/26/18	MH	SW8260C	
n-Propylbenzene	ND		1.0	0.25	ug/L	1	02/26/18	MH	SW8260C	
o-Xylene	ND		1.0	0.25	ug/L	1	02/26/18	MH	SW8260C	
p-Isopropyltoluene	ND		1.0	0.25	ug/L	1	02/26/18	MH	SW8260C	
sec-Butylbenzene	ND		1.0	0.25	ug/L	1	02/26/18	MH	SW8260C	
Styrene	ND		1.0	0.25	ug/L	1	02/26/18	MH	SW8260C	
tert-Butylbenzene	ND		1.0	0.25	ug/L	1	02/26/18	MH	SW8260C	
Tetrachloroethene	ND		1.0	0.25	ug/L	1	02/26/18	MH	SW8260C	
Tetrahydrofuran (THF)	ND		5.0	2.5	ug/L	1	02/26/18	MH	SW8260C	1
Toluene	0.33	J	1.0	0.25	ug/L	1	02/26/18	MH	SW8260C	
trans-1,2-Dichloroethene	ND		5.0	0.25	ug/L	1	02/26/18	MH	SW8260C	
trans-1,3-Dichloropropene	ND		0.40	0.25	ug/L	1	02/26/18	MH	SW8260C	
trans-1,4-dichloro-2-butene	ND		2.5	2.5	ug/L	1	02/26/18	MH	SW8260C	
Trichloroethene	ND		1.0	0.25	ug/L	1	02/26/18	MH	SW8260C	
Trichlorofluoromethane	ND		1.0	0.25	ug/L	1	02/26/18	MH	SW8260C	
Trichlorotrifluoroethane	ND		1.0	0.25	ug/L	1	02/26/18	MH	SW8260C	
Vinyl chloride	ND		1.0	0.25	ug/L	1	02/26/18	MH	SW8260C	
QA/QC Surrogates										
% 1,2-dichlorobenzene-d4	102				%	1	02/26/18	MH	70 - 130 %	
% Bromofluorobenzene	94				%	1	02/26/18	MH	70 - 130 %	
% Dibromofluoromethane	115				%	1	02/26/18	MH	70 - 130 %	

Project ID: BEACH 62ND ST., QUEENS
Client ID: GW1

Phoenix I.D.: BZ94522

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
% Toluene-d8	94			%	1	02/26/18	MH	70 - 130 %

1 = This parameter is not certified by NY NELAC for this matrix. NY NELAC does not offer certification for all parameters at this time.

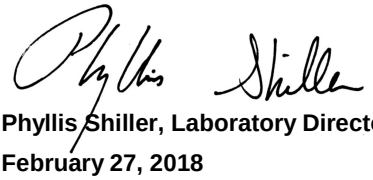
RL/PQL=Reporting/Practical Quantitation Level (Equivalent to NELAC LOQ, Limit of Quantitation) ND=Not Detected BRL=Below Reporting Level L=Biased Low J=Estimated Below RL LOD=Limit of Detection MDL=Method Detection Limit1
QA/QC Surrogates: Surrogates are compounds (preceeded with a %) added by the lab to determine analysis efficiency. Surrogate results(%) listed in the report are not "detected" compounds.

Comments:

Volatile Comment:
Where the LOD justifies lowering the RL/PQL, the RL/PQL of some compounds are evaluated below the lowest calibration standard in order to meet criteria.

S - Laboratory solvent, contamination is possible.

If there are any questions regarding this data, please call Phoenix Client Services.



Phyllis Shiller, Laboratory Director
February 27, 2018
Reviewed and Released by: Greg Lawrence, Assistant Lab Director

Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102 Fax (860) 645-0823

ACCREDITED IN ACCORDANCE WITH nelac NY # 11301

Analysis Report

February 27, 2018

FOR: Attn: Mr. Charles B. Sosik, P.G.
Environmental Business Consultants
1808 Middle Country Rd
Ridge NY 11961-2406

Sample Information		Custody Information		Date	Time
Matrix:	GROUND WATER	Collected by:	HL	02/23/18	
Location Code:	EBC	Received by:	LB	02/26/18	13:20
Rush Request:	72 Hour	Analyzed by:	see "By" below		
P.O.#:					

Laboratory Data

SDG ID: GBZ94522
Phoenix ID: BZ94523

Project ID: BEACH 62ND ST., QUEENS
Client ID: GW2

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference	
Volatiles									
1,1,1,2-Tetrachloroethane	ND	1.0	0.25	ug/L	1	02/26/18	MH	SW8260C	
1,1,1-Trichloroethane	ND	5.0	0.25	ug/L	1	02/26/18	MH	SW8260C	
1,1,2,2-Tetrachloroethane	ND	1.0	0.25	ug/L	1	02/26/18	MH	SW8260C	
1,1,2-Trichloroethane	ND	1.0	0.25	ug/L	1	02/26/18	MH	SW8260C	
1,1-Dichloroethane	ND	5.0	0.25	ug/L	1	02/26/18	MH	SW8260C	
1,1-Dichloroethene	ND	1.0	0.25	ug/L	1	02/26/18	MH	SW8260C	
1,1-Dichloropropene	ND	1.0	0.25	ug/L	1	02/26/18	MH	SW8260C	
1,2,3-Trichlorobenzene	ND	1.0	0.25	ug/L	1	02/26/18	MH	SW8260C	
1,2,3-Trichloropropane	ND	0.25	0.25	ug/L	1	02/26/18	MH	SW8260C	
1,2,4-Trichlorobenzene	ND	1.0	0.25	ug/L	1	02/26/18	MH	SW8260C	
1,2,4-Trimethylbenzene	ND	1.0	0.25	ug/L	1	02/26/18	MH	SW8260C	
1,2-Dibromo-3-chloropropane	ND	0.50	0.50	ug/L	1	02/26/18	MH	SW8260C	
1,2-Dibromoethane	ND	0.25	0.25	ug/L	1	02/26/18	MH	SW8260C	
1,2-Dichlorobenzene	ND	1.0	0.25	ug/L	1	02/26/18	MH	SW8260C	
1,2-Dichloroethane	ND	0.60	0.50	ug/L	1	02/26/18	MH	SW8260C	
1,2-Dichloropropane	ND	1.0	0.25	ug/L	1	02/26/18	MH	SW8260C	
1,3,5-Trimethylbenzene	ND	1.0	0.25	ug/L	1	02/26/18	MH	SW8260C	
1,3-Dichlorobenzene	ND	1.0	0.25	ug/L	1	02/26/18	MH	SW8260C	
1,3-Dichloropropane	ND	1.0	0.25	ug/L	1	02/26/18	MH	SW8260C	
1,4-Dichlorobenzene	ND	1.0	0.25	ug/L	1	02/26/18	MH	SW8260C	
2,2-Dichloropropane	ND	1.0	0.25	ug/L	1	02/26/18	MH	SW8260C	
2-Chlorotoluene	ND	1.0	0.25	ug/L	1	02/26/18	MH	SW8260C	
2-Hexanone	ND	2.5	2.5	ug/L	1	02/26/18	MH	SW8260C	
2-Isopropyltoluene	ND	1.0	0.25	ug/L	1	02/26/18	MH	SW8260C	1
4-Chlorotoluene	ND	1.0	0.25	ug/L	1	02/26/18	MH	SW8260C	
4-Methyl-2-pentanone	ND	2.5	2.5	ug/L	1	02/26/18	MH	SW8260C	

Project ID: BEACH 62ND ST., QUEENS
Client ID: GW2

Phoenix I.D.: BZ94523

Parameter	Result		RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference	
Acetone	5.0	JS	5.0	2.5	ug/L	1	02/26/18	MH	SW8260C	
Acrolein	ND		5.0	2.5	ug/L	1	02/26/18	MH	SW8260C	
Acrylonitrile	ND		5.0	2.5	ug/L	1	02/26/18	MH	SW8260C	
Benzene	0.91		0.70	0.25	ug/L	1	02/26/18	MH	SW8260C	
Bromobenzene	ND		1.0	0.25	ug/L	1	02/26/18	MH	SW8260C	
Bromochloromethane	ND		1.0	0.25	ug/L	1	02/26/18	MH	SW8260C	
Bromodichloromethane	ND		1.0	0.25	ug/L	1	02/26/18	MH	SW8260C	
Bromoform	ND		5.0	0.25	ug/L	1	02/26/18	MH	SW8260C	
Bromomethane	ND		5.0	0.25	ug/L	1	02/26/18	MH	SW8260C	
Carbon Disulfide	ND		1.0	0.25	ug/L	1	02/26/18	MH	SW8260C	
Carbon tetrachloride	ND		1.0	0.25	ug/L	1	02/26/18	MH	SW8260C	
Chlorobenzene	ND		5.0	0.25	ug/L	1	02/26/18	MH	SW8260C	
Chloroethane	ND		5.0	0.25	ug/L	1	02/26/18	MH	SW8260C	
Chloroform	ND		5.0	0.25	ug/L	1	02/26/18	MH	SW8260C	
Chloromethane	ND		5.0	0.25	ug/L	1	02/26/18	MH	SW8260C	
cis-1,2-Dichloroethene	ND		1.0	0.25	ug/L	1	02/26/18	MH	SW8260C	
cis-1,3-Dichloropropene	ND		0.40	0.25	ug/L	1	02/26/18	MH	SW8260C	
Dibromochloromethane	ND		1.0	0.25	ug/L	1	02/26/18	MH	SW8260C	
Dibromomethane	ND		1.0	0.25	ug/L	1	02/26/18	MH	SW8260C	
Dichlorodifluoromethane	ND		1.0	0.25	ug/L	1	02/26/18	MH	SW8260C	
Ethylbenzene	ND		1.0	0.25	ug/L	1	02/26/18	MH	SW8260C	
Hexachlorobutadiene	ND		0.50	0.20	ug/L	1	02/26/18	MH	SW8260C	
Isopropylbenzene	ND		1.0	0.25	ug/L	1	02/26/18	MH	SW8260C	
m&p-Xylene	ND		1.0	0.25	ug/L	1	02/26/18	MH	SW8260C	
Methyl ethyl ketone	ND		2.5	2.5	ug/L	1	02/26/18	MH	SW8260C	
Methyl t-butyl ether (MTBE)	ND		1.0	0.25	ug/L	1	02/26/18	MH	SW8260C	
Methylene chloride	ND		3.0	1.0	ug/L	1	02/26/18	MH	SW8260C	
Naphthalene	ND		1.0	1.0	ug/L	1	02/26/18	MH	SW8260C	
n-Butylbenzene	ND		1.0	0.25	ug/L	1	02/26/18	MH	SW8260C	
n-Propylbenzene	ND		1.0	0.25	ug/L	1	02/26/18	MH	SW8260C	
o-Xylene	ND		1.0	0.25	ug/L	1	02/26/18	MH	SW8260C	
p-Isopropyltoluene	ND		1.0	0.25	ug/L	1	02/26/18	MH	SW8260C	
sec-Butylbenzene	ND		1.0	0.25	ug/L	1	02/26/18	MH	SW8260C	
Styrene	ND		1.0	0.25	ug/L	1	02/26/18	MH	SW8260C	
tert-Butylbenzene	ND		1.0	0.25	ug/L	1	02/26/18	MH	SW8260C	
Tetrachloroethene	ND		1.0	0.25	ug/L	1	02/26/18	MH	SW8260C	
Tetrahydrofuran (THF)	ND		5.0	2.5	ug/L	1	02/26/18	MH	SW8260C	1
Toluene	0.46	J	1.0	0.25	ug/L	1	02/26/18	MH	SW8260C	
trans-1,2-Dichloroethene	ND		5.0	0.25	ug/L	1	02/26/18	MH	SW8260C	
trans-1,3-Dichloropropene	ND		0.40	0.25	ug/L	1	02/26/18	MH	SW8260C	
trans-1,4-dichloro-2-butene	ND		2.5	2.5	ug/L	1	02/26/18	MH	SW8260C	
Trichloroethene	ND		1.0	0.25	ug/L	1	02/26/18	MH	SW8260C	
Trichlorofluoromethane	ND		1.0	0.25	ug/L	1	02/26/18	MH	SW8260C	
Trichlorotrifluoroethane	ND		1.0	0.25	ug/L	1	02/26/18	MH	SW8260C	
Vinyl chloride	ND		1.0	0.25	ug/L	1	02/26/18	MH	SW8260C	
QA/QC Surrogates										
% 1,2-dichlorobenzene-d4	103				%	1	02/26/18	MH	70 - 130 %	
% Bromofluorobenzene	94				%	1	02/26/18	MH	70 - 130 %	
% Dibromofluoromethane	114				%	1	02/26/18	MH	70 - 130 %	

Ver 1

Project ID: BEACH 62ND ST., QUEENS
Client ID: GW2

Phoenix I.D.: BZ94523

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
% Toluene-d8	95			%	1	02/26/18	MH	70 - 130 %

1 = This parameter is not certified by NY NELAC for this matrix. NY NELAC does not offer certification for all parameters at this time.

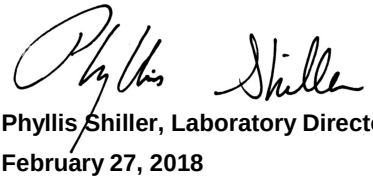
RL/PQL=Reporting/Practical Quantitation Level (Equivalent to NELAC LOQ, Limit of Quantitation) ND=Not Detected BRL=Below Reporting Level L=Biased Low J=Estimated Below RL LOD=Limit of Detection MDL=Method Detection Limit1
QA/QC Surrogates: Surrogates are compounds (preceeded with a %) added by the lab to determine analysis efficiency. Surrogate results(%) listed in the report are not "detected" compounds.

Comments:

Volatile Comment:
Where the LOD justifies lowering the RL/PQL, the RL/PQL of some compounds are evaluated below the lowest calibration standard in order to meet criteria.

S - Laboratory solvent, contamination is possible.

If there are any questions regarding this data, please call Phoenix Client Services.



Phyllis Shiller, Laboratory Director
February 27, 2018
Reviewed and Released by: Greg Lawrence, Assistant Lab Director

Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102 Fax (860) 645-0823

ACCREDITED IN ACCORDANCE WITH nelac NY # 11301

Analysis Report

February 27, 2018

FOR: Attn: Mr. Charles B. Sosik, P.G.
Environmental Business Consultants
1808 Middle Country Rd
Ridge NY 11961-2406

Sample Information		Custody Information		Date	Time
Matrix:	GROUND WATER	Collected by:	HL	02/23/18	
Location Code:	EBC	Received by:	LB	02/26/18	13:20
Rush Request:	72 Hour	Analyzed by:	see "By" below		
P.O.#:					

Laboratory Data

SDG ID: GBZ94522
Phoenix ID: BZ94524

Project ID: BEACH 62ND ST., QUEENS
Client ID: GW3

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference	
Volatiles									
1,1,1,2-Tetrachloroethane	ND	1.0	0.25	ug/L	1	02/26/18	MH	SW8260C	
1,1,1-Trichloroethane	ND	5.0	0.25	ug/L	1	02/26/18	MH	SW8260C	
1,1,2,2-Tetrachloroethane	ND	1.0	0.25	ug/L	1	02/26/18	MH	SW8260C	
1,1,2-Trichloroethane	ND	1.0	0.25	ug/L	1	02/26/18	MH	SW8260C	
1,1-Dichloroethane	ND	5.0	0.25	ug/L	1	02/26/18	MH	SW8260C	
1,1-Dichloroethene	ND	1.0	0.25	ug/L	1	02/26/18	MH	SW8260C	
1,1-Dichloropropene	ND	1.0	0.25	ug/L	1	02/26/18	MH	SW8260C	
1,2,3-Trichlorobenzene	ND	1.0	0.25	ug/L	1	02/26/18	MH	SW8260C	
1,2,3-Trichloropropane	ND	0.25	0.25	ug/L	1	02/26/18	MH	SW8260C	
1,2,4-Trichlorobenzene	ND	1.0	0.25	ug/L	1	02/26/18	MH	SW8260C	
1,2,4-Trimethylbenzene	ND	1.0	0.25	ug/L	1	02/26/18	MH	SW8260C	
1,2-Dibromo-3-chloropropane	ND	0.50	0.50	ug/L	1	02/26/18	MH	SW8260C	
1,2-Dibromoethane	ND	0.25	0.25	ug/L	1	02/26/18	MH	SW8260C	
1,2-Dichlorobenzene	ND	1.0	0.25	ug/L	1	02/26/18	MH	SW8260C	
1,2-Dichloroethane	ND	0.60	0.50	ug/L	1	02/26/18	MH	SW8260C	
1,2-Dichloropropane	ND	1.0	0.25	ug/L	1	02/26/18	MH	SW8260C	
1,3,5-Trimethylbenzene	ND	1.0	0.25	ug/L	1	02/26/18	MH	SW8260C	
1,3-Dichlorobenzene	ND	1.0	0.25	ug/L	1	02/26/18	MH	SW8260C	
1,3-Dichloropropane	ND	1.0	0.25	ug/L	1	02/26/18	MH	SW8260C	
1,4-Dichlorobenzene	ND	1.0	0.25	ug/L	1	02/26/18	MH	SW8260C	
2,2-Dichloropropane	ND	1.0	0.25	ug/L	1	02/26/18	MH	SW8260C	
2-Chlorotoluene	ND	1.0	0.25	ug/L	1	02/26/18	MH	SW8260C	
2-Hexanone	ND	2.5	2.5	ug/L	1	02/26/18	MH	SW8260C	
2-Isopropyltoluene	ND	1.0	0.25	ug/L	1	02/26/18	MH	SW8260C	1
4-Chlorotoluene	ND	1.0	0.25	ug/L	1	02/26/18	MH	SW8260C	
4-Methyl-2-pentanone	ND	2.5	2.5	ug/L	1	02/26/18	MH	SW8260C	

Project ID: BEACH 62ND ST., QUEENS
Client ID: GW3

Phoenix I.D.: BZ94524

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference	
Acetone	ND	5.0	2.5	ug/L	1	02/26/18	MH	SW8260C	
Acrolein	ND	5.0	2.5	ug/L	1	02/26/18	MH	SW8260C	
Acrylonitrile	ND	5.0	2.5	ug/L	1	02/26/18	MH	SW8260C	
Benzene	ND	0.70	0.25	ug/L	1	02/26/18	MH	SW8260C	
Bromobenzene	ND	1.0	0.25	ug/L	1	02/26/18	MH	SW8260C	
Bromochloromethane	ND	1.0	0.25	ug/L	1	02/26/18	MH	SW8260C	
Bromodichloromethane	ND	1.0	0.25	ug/L	1	02/26/18	MH	SW8260C	
Bromoform	ND	5.0	0.25	ug/L	1	02/26/18	MH	SW8260C	
Bromomethane	ND	5.0	0.25	ug/L	1	02/26/18	MH	SW8260C	
Carbon Disulfide	ND	1.0	0.25	ug/L	1	02/26/18	MH	SW8260C	
Carbon tetrachloride	ND	1.0	0.25	ug/L	1	02/26/18	MH	SW8260C	
Chlorobenzene	ND	5.0	0.25	ug/L	1	02/26/18	MH	SW8260C	
Chloroethane	ND	5.0	0.25	ug/L	1	02/26/18	MH	SW8260C	
Chloroform	ND	5.0	0.25	ug/L	1	02/26/18	MH	SW8260C	
Chloromethane	ND	5.0	0.25	ug/L	1	02/26/18	MH	SW8260C	
cis-1,2-Dichloroethene	ND	1.0	0.25	ug/L	1	02/26/18	MH	SW8260C	
cis-1,3-Dichloropropene	ND	0.40	0.25	ug/L	1	02/26/18	MH	SW8260C	
Dibromochloromethane	ND	1.0	0.25	ug/L	1	02/26/18	MH	SW8260C	
Dibromomethane	ND	1.0	0.25	ug/L	1	02/26/18	MH	SW8260C	
Dichlorodifluoromethane	ND	1.0	0.25	ug/L	1	02/26/18	MH	SW8260C	
Ethylbenzene	ND	1.0	0.25	ug/L	1	02/26/18	MH	SW8260C	
Hexachlorobutadiene	ND	0.50	0.20	ug/L	1	02/26/18	MH	SW8260C	
Isopropylbenzene	ND	1.0	0.25	ug/L	1	02/26/18	MH	SW8260C	
m&p-Xylene	ND	1.0	0.25	ug/L	1	02/26/18	MH	SW8260C	
Methyl ethyl ketone	ND	2.5	2.5	ug/L	1	02/26/18	MH	SW8260C	
Methyl t-butyl ether (MTBE)	2.0	1.0	0.25	ug/L	1	02/26/18	MH	SW8260C	
Methylene chloride	ND	3.0	1.0	ug/L	1	02/26/18	MH	SW8260C	
Naphthalene	ND	1.0	1.0	ug/L	1	02/26/18	MH	SW8260C	
n-Butylbenzene	ND	1.0	0.25	ug/L	1	02/26/18	MH	SW8260C	
n-Propylbenzene	ND	1.0	0.25	ug/L	1	02/26/18	MH	SW8260C	
o-Xylene	ND	1.0	0.25	ug/L	1	02/26/18	MH	SW8260C	
p-Isopropyltoluene	ND	1.0	0.25	ug/L	1	02/26/18	MH	SW8260C	
sec-Butylbenzene	ND	1.0	0.25	ug/L	1	02/26/18	MH	SW8260C	
Styrene	ND	1.0	0.25	ug/L	1	02/26/18	MH	SW8260C	
tert-Butylbenzene	ND	1.0	0.25	ug/L	1	02/26/18	MH	SW8260C	
Tetrachloroethene	ND	1.0	0.25	ug/L	1	02/26/18	MH	SW8260C	
Tetrahydrofuran (THF)	ND	5.0	2.5	ug/L	1	02/26/18	MH	SW8260C	1
Toluene	ND	1.0	0.25	ug/L	1	02/26/18	MH	SW8260C	
trans-1,2-Dichloroethene	ND	5.0	0.25	ug/L	1	02/26/18	MH	SW8260C	
trans-1,3-Dichloropropene	ND	0.40	0.25	ug/L	1	02/26/18	MH	SW8260C	
trans-1,4-dichloro-2-butene	ND	2.5	2.5	ug/L	1	02/26/18	MH	SW8260C	
Trichloroethene	ND	1.0	0.25	ug/L	1	02/26/18	MH	SW8260C	
Trichlorofluoromethane	ND	1.0	0.25	ug/L	1	02/26/18	MH	SW8260C	
Trichlorotrifluoroethane	ND	1.0	0.25	ug/L	1	02/26/18	MH	SW8260C	
Vinyl chloride	ND	1.0	0.25	ug/L	1	02/26/18	MH	SW8260C	
QA/QC Surrogates									
% 1,2-dichlorobenzene-d4	104			%	1	02/26/18	MH	70 - 130 %	
% Bromofluorobenzene	96			%	1	02/26/18	MH	70 - 130 %	
% Dibromofluoromethane	110			%	1	02/26/18	MH	70 - 130 %	

Ver 1

Project ID: BEACH 62ND ST., QUEENS
Client ID: GW3

Phoenix I.D.: BZ94524

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
% Toluene-d8	95			%	1	02/26/18	MH	70 - 130 %

1 = This parameter is not certified by NY NELAC for this matrix. NY NELAC does not offer certification for all parameters at this time.

RL/PQL=Reporting/Practical Quantitation Level (Equivalent to NELAC LOQ, Limit of Quantitation) ND=Not Detected BRL=Below Reporting Level L=Biased Low LOD=Limit of Detection MDL=Method Detection Limit1
QA/QC Surrogates: Surrogates are compounds (preceeded with a %) added by the lab to determine analysis efficiency. Surrogate results(%) listed in the report are not "detected" compounds.

Comments:

Volatile Comment:
Where the LOD justifies lowering the RL/PQL, the RL/PQL of some compounds are evaluated below the lowest calibration standard in order to meet criteria.

If there are any questions regarding this data, please call Phoenix Client Services.
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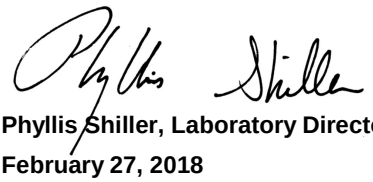


Phyllis Shiller, Laboratory Director

February 27, 2018

Reviewed and Released by: Greg Lawrence, Assistant Lab Director

Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102 Fax (860) 645-0823

ACCREDITED IN ACCORDANCE WITH nelac NY # 11301

Analysis Report

February 27, 2018

FOR: Attn: Mr. Charles B. Sosik, P.G.
Environmental Business Consultants
1808 Middle Country Rd
Ridge NY 11961-2406

Sample Information		Custody Information		Date	Time
Matrix:	GROUND WATER	Collected by:	HL	02/23/18	
Location Code:	EBC	Received by:	LB	02/26/18	13:20
Rush Request:	72 Hour	Analyzed by:	see "By" below		
P.O.#:					

Laboratory Data

SDG ID: GBZ94522
Phoenix ID: BZ94525

Project ID: BEACH 62ND ST., QUEENS
Client ID: GW4

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference	
Volatiles									
1,1,1,2-Tetrachloroethane	ND	1.0	0.25	ug/L	1	02/26/18	MH	SW8260C	
1,1,1-Trichloroethane	ND	5.0	0.25	ug/L	1	02/26/18	MH	SW8260C	
1,1,2,2-Tetrachloroethane	ND	1.0	0.25	ug/L	1	02/26/18	MH	SW8260C	
1,1,2-Trichloroethane	ND	1.0	0.25	ug/L	1	02/26/18	MH	SW8260C	
1,1-Dichloroethane	ND	5.0	0.25	ug/L	1	02/26/18	MH	SW8260C	
1,1-Dichloroethene	ND	1.0	0.25	ug/L	1	02/26/18	MH	SW8260C	
1,1-Dichloropropene	ND	1.0	0.25	ug/L	1	02/26/18	MH	SW8260C	
1,2,3-Trichlorobenzene	ND	1.0	0.25	ug/L	1	02/26/18	MH	SW8260C	
1,2,3-Trichloropropane	ND	0.25	0.25	ug/L	1	02/26/18	MH	SW8260C	
1,2,4-Trichlorobenzene	ND	1.0	0.25	ug/L	1	02/26/18	MH	SW8260C	
1,2,4-Trimethylbenzene	ND	1.0	0.25	ug/L	1	02/26/18	MH	SW8260C	
1,2-Dibromo-3-chloropropane	ND	0.50	0.50	ug/L	1	02/26/18	MH	SW8260C	
1,2-Dibromoethane	ND	0.25	0.25	ug/L	1	02/26/18	MH	SW8260C	
1,2-Dichlorobenzene	ND	1.0	0.25	ug/L	1	02/26/18	MH	SW8260C	
1,2-Dichloroethane	ND	0.60	0.50	ug/L	1	02/26/18	MH	SW8260C	
1,2-Dichloropropane	ND	1.0	0.25	ug/L	1	02/26/18	MH	SW8260C	
1,3,5-Trimethylbenzene	ND	1.0	0.25	ug/L	1	02/26/18	MH	SW8260C	
1,3-Dichlorobenzene	ND	1.0	0.25	ug/L	1	02/26/18	MH	SW8260C	
1,3-Dichloropropane	ND	1.0	0.25	ug/L	1	02/26/18	MH	SW8260C	
1,4-Dichlorobenzene	ND	1.0	0.25	ug/L	1	02/26/18	MH	SW8260C	
2,2-Dichloropropane	ND	1.0	0.25	ug/L	1	02/26/18	MH	SW8260C	
2-Chlorotoluene	ND	1.0	0.25	ug/L	1	02/26/18	MH	SW8260C	
2-Hexanone	ND	2.5	2.5	ug/L	1	02/26/18	MH	SW8260C	
2-Isopropyltoluene	ND	1.0	0.25	ug/L	1	02/26/18	MH	SW8260C	1
4-Chlorotoluene	ND	1.0	0.25	ug/L	1	02/26/18	MH	SW8260C	
4-Methyl-2-pentanone	ND	2.5	2.5	ug/L	1	02/26/18	MH	SW8260C	

Ver 1

Project ID: BEACH 62ND ST., QUEENS
Client ID: GW4

Phoenix I.D.: BZ94525

Parameter	Result		RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference	
Acetone	3.3	JS	5.0	2.5	ug/L	1	02/26/18	MH	SW8260C	
Acrolein	ND		5.0	2.5	ug/L	1	02/26/18	MH	SW8260C	
Acrylonitrile	ND		5.0	2.5	ug/L	1	02/26/18	MH	SW8260C	
Benzene	ND		0.70	0.25	ug/L	1	02/26/18	MH	SW8260C	
Bromobenzene	ND		1.0	0.25	ug/L	1	02/26/18	MH	SW8260C	
Bromochloromethane	ND		1.0	0.25	ug/L	1	02/26/18	MH	SW8260C	
Bromodichloromethane	ND		1.0	0.25	ug/L	1	02/26/18	MH	SW8260C	
Bromoform	ND		5.0	0.25	ug/L	1	02/26/18	MH	SW8260C	
Bromomethane	ND		5.0	0.25	ug/L	1	02/26/18	MH	SW8260C	
Carbon Disulfide	0.30	J	1.0	0.25	ug/L	1	02/26/18	MH	SW8260C	
Carbon tetrachloride	ND		1.0	0.25	ug/L	1	02/26/18	MH	SW8260C	
Chlorobenzene	ND		5.0	0.25	ug/L	1	02/26/18	MH	SW8260C	
Chloroethane	ND		5.0	0.25	ug/L	1	02/26/18	MH	SW8260C	
Chloroform	ND		5.0	0.25	ug/L	1	02/26/18	MH	SW8260C	
Chloromethane	ND		5.0	0.25	ug/L	1	02/26/18	MH	SW8260C	
cis-1,2-Dichloroethene	ND		1.0	0.25	ug/L	1	02/26/18	MH	SW8260C	
cis-1,3-Dichloropropene	ND		0.40	0.25	ug/L	1	02/26/18	MH	SW8260C	
Dibromochloromethane	ND		1.0	0.25	ug/L	1	02/26/18	MH	SW8260C	
Dibromomethane	ND		1.0	0.25	ug/L	1	02/26/18	MH	SW8260C	
Dichlorodifluoromethane	ND		1.0	0.25	ug/L	1	02/26/18	MH	SW8260C	
Ethylbenzene	ND		1.0	0.25	ug/L	1	02/26/18	MH	SW8260C	
Hexachlorobutadiene	ND		0.50	0.20	ug/L	1	02/26/18	MH	SW8260C	
Isopropylbenzene	ND		1.0	0.25	ug/L	1	02/26/18	MH	SW8260C	
m&p-Xylene	ND		1.0	0.25	ug/L	1	02/26/18	MH	SW8260C	
Methyl ethyl ketone	ND		2.5	2.5	ug/L	1	02/26/18	MH	SW8260C	
Methyl t-butyl ether (MTBE)	0.32	J	1.0	0.25	ug/L	1	02/26/18	MH	SW8260C	
Methylene chloride	ND		3.0	1.0	ug/L	1	02/26/18	MH	SW8260C	
Naphthalene	ND		1.0	1.0	ug/L	1	02/26/18	MH	SW8260C	
n-Butylbenzene	ND		1.0	0.25	ug/L	1	02/26/18	MH	SW8260C	
n-Propylbenzene	ND		1.0	0.25	ug/L	1	02/26/18	MH	SW8260C	
o-Xylene	ND		1.0	0.25	ug/L	1	02/26/18	MH	SW8260C	
p-Isopropyltoluene	ND		1.0	0.25	ug/L	1	02/26/18	MH	SW8260C	
sec-Butylbenzene	ND		1.0	0.25	ug/L	1	02/26/18	MH	SW8260C	
Styrene	ND		1.0	0.25	ug/L	1	02/26/18	MH	SW8260C	
tert-Butylbenzene	ND		1.0	0.25	ug/L	1	02/26/18	MH	SW8260C	
Tetrachloroethene	ND		1.0	0.25	ug/L	1	02/26/18	MH	SW8260C	
Tetrahydrofuran (THF)	ND		5.0	2.5	ug/L	1	02/26/18	MH	SW8260C	1
Toluene	ND		1.0	0.25	ug/L	1	02/26/18	MH	SW8260C	
trans-1,2-Dichloroethene	ND		5.0	0.25	ug/L	1	02/26/18	MH	SW8260C	
trans-1,3-Dichloropropene	ND		0.40	0.25	ug/L	1	02/26/18	MH	SW8260C	
trans-1,4-dichloro-2-butene	ND		2.5	2.5	ug/L	1	02/26/18	MH	SW8260C	
Trichloroethene	ND		1.0	0.25	ug/L	1	02/26/18	MH	SW8260C	
Trichlorofluoromethane	ND		1.0	0.25	ug/L	1	02/26/18	MH	SW8260C	
Trichlorotrifluoroethane	ND		1.0	0.25	ug/L	1	02/26/18	MH	SW8260C	
Vinyl chloride	ND		1.0	0.25	ug/L	1	02/26/18	MH	SW8260C	
QA/QC Surrogates										
% 1,2-dichlorobenzene-d4	101				%	1	02/26/18	MH	70 - 130 %	
% Bromofluorobenzene	94				%	1	02/26/18	MH	70 - 130 %	
% Dibromofluoromethane	112				%	1	02/26/18	MH	70 - 130 %	

Ver 1

Project ID: BEACH 62ND ST., QUEENS
Client ID: GW4

Phoenix I.D.: BZ94525

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
% Toluene-d8	95			%	1	02/26/18	MH	70 - 130 %

1 = This parameter is not certified by NY NELAC for this matrix. NY NELAC does not offer certification for all parameters at this time.

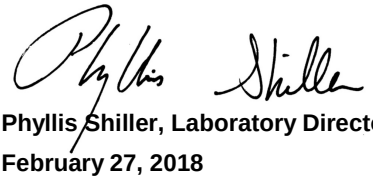
RL/PQL=Reporting/Practical Quantitation Level (Equivalent to NELAC LOQ, Limit of Quantitation) ND=Not Detected BRL=Below Reporting Level L=Biased Low J=Estimated Below RL LOD=Limit of Detection MDL=Method Detection Limit1
QA/QC Surrogates: Surrogates are compounds (preceeded with a %) added by the lab to determine analysis efficiency. Surrogate results(%) listed in the report are not "detected" compounds.

Comments:

Volatile Comment:
Where the LOD justifies lowering the RL/PQL, the RL/PQL of some compounds are evaluated below the lowest calibration standard in order to meet criteria.

S - Laboratory solvent, contamination is possible.

If there are any questions regarding this data, please call Phoenix Client Services.



Phyllis Shiller, Laboratory Director
February 27, 2018
Reviewed and Released by: Greg Lawrence, Assistant Lab Director

Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102 Fax (860) 645-0823

ACCREDITED IN ACCORDANCE WITH nelac NY # 11301

Analysis Report

February 27, 2018

FOR: Attn: Mr. Charles B. Sosik, P.G.
Environmental Business Consultants
1808 Middle Country Rd
Ridge NY 11961-2406

Sample Information		Custody Information		Date	Time
Matrix:	GROUND WATER	Collected by:	HL	02/23/18	
Location Code:	EBC	Received by:	LB	02/26/18	13:20
Rush Request:	72 Hour	Analyzed by:	see "By" below		
P.O.#:					

Laboratory Data

SDG ID: GBZ94522
Phoenix ID: BZ94526

Project ID: BEACH 62ND ST., QUEENS
Client ID: GW5

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference	
Volatiles									
1,1,1,2-Tetrachloroethane	ND	1.0	0.25	ug/L	1	02/26/18	MH	SW8260C	
1,1,1-Trichloroethane	ND	5.0	0.25	ug/L	1	02/26/18	MH	SW8260C	
1,1,2,2-Tetrachloroethane	ND	1.0	0.25	ug/L	1	02/26/18	MH	SW8260C	
1,1,2-Trichloroethane	ND	1.0	0.25	ug/L	1	02/26/18	MH	SW8260C	
1,1-Dichloroethane	ND	5.0	0.25	ug/L	1	02/26/18	MH	SW8260C	
1,1-Dichloroethene	ND	1.0	0.25	ug/L	1	02/26/18	MH	SW8260C	
1,1-Dichloropropene	ND	1.0	0.25	ug/L	1	02/26/18	MH	SW8260C	
1,2,3-Trichlorobenzene	ND	1.0	0.25	ug/L	1	02/26/18	MH	SW8260C	
1,2,3-Trichloropropane	ND	0.25	0.25	ug/L	1	02/26/18	MH	SW8260C	
1,2,4-Trichlorobenzene	ND	1.0	0.25	ug/L	1	02/26/18	MH	SW8260C	
1,2,4-Trimethylbenzene	ND	1.0	0.25	ug/L	1	02/26/18	MH	SW8260C	
1,2-Dibromo-3-chloropropane	ND	0.50	0.50	ug/L	1	02/26/18	MH	SW8260C	
1,2-Dibromoethane	ND	0.25	0.25	ug/L	1	02/26/18	MH	SW8260C	
1,2-Dichlorobenzene	ND	1.0	0.25	ug/L	1	02/26/18	MH	SW8260C	
1,2-Dichloroethane	ND	0.60	0.50	ug/L	1	02/26/18	MH	SW8260C	
1,2-Dichloropropane	ND	1.0	0.25	ug/L	1	02/26/18	MH	SW8260C	
1,3,5-Trimethylbenzene	ND	1.0	0.25	ug/L	1	02/26/18	MH	SW8260C	
1,3-Dichlorobenzene	ND	1.0	0.25	ug/L	1	02/26/18	MH	SW8260C	
1,3-Dichloropropane	ND	1.0	0.25	ug/L	1	02/26/18	MH	SW8260C	
1,4-Dichlorobenzene	ND	1.0	0.25	ug/L	1	02/26/18	MH	SW8260C	
2,2-Dichloropropane	ND	1.0	0.25	ug/L	1	02/26/18	MH	SW8260C	
2-Chlorotoluene	ND	1.0	0.25	ug/L	1	02/26/18	MH	SW8260C	
2-Hexanone	ND	2.5	2.5	ug/L	1	02/26/18	MH	SW8260C	
2-Isopropyltoluene	ND	1.0	0.25	ug/L	1	02/26/18	MH	SW8260C	1
4-Chlorotoluene	ND	1.0	0.25	ug/L	1	02/26/18	MH	SW8260C	
4-Methyl-2-pentanone	ND	2.5	2.5	ug/L	1	02/26/18	MH	SW8260C	

Project ID: BEACH 62ND ST., QUEENS
Client ID: GW5

Phoenix I.D.: BZ94526

Parameter	Result		RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference	
Acetone	3.5	JS	5.0	2.5	ug/L	1	02/26/18	MH	SW8260C	
Acrolein	ND		5.0	2.5	ug/L	1	02/26/18	MH	SW8260C	
Acrylonitrile	ND		5.0	2.5	ug/L	1	02/26/18	MH	SW8260C	
Benzene	ND		0.70	0.25	ug/L	1	02/26/18	MH	SW8260C	
Bromobenzene	ND		1.0	0.25	ug/L	1	02/26/18	MH	SW8260C	
Bromochloromethane	ND		1.0	0.25	ug/L	1	02/26/18	MH	SW8260C	
Bromodichloromethane	ND		1.0	0.25	ug/L	1	02/26/18	MH	SW8260C	
Bromoform	ND		5.0	0.25	ug/L	1	02/26/18	MH	SW8260C	
Bromomethane	ND		5.0	0.25	ug/L	1	02/26/18	MH	SW8260C	
Carbon Disulfide	ND		1.0	0.25	ug/L	1	02/26/18	MH	SW8260C	
Carbon tetrachloride	ND		1.0	0.25	ug/L	1	02/26/18	MH	SW8260C	
Chlorobenzene	ND		5.0	0.25	ug/L	1	02/26/18	MH	SW8260C	
Chloroethane	ND		5.0	0.25	ug/L	1	02/26/18	MH	SW8260C	
Chloroform	ND		5.0	0.25	ug/L	1	02/26/18	MH	SW8260C	
Chloromethane	ND		5.0	0.25	ug/L	1	02/26/18	MH	SW8260C	
cis-1,2-Dichloroethene	ND		1.0	0.25	ug/L	1	02/26/18	MH	SW8260C	
cis-1,3-Dichloropropene	ND		0.40	0.25	ug/L	1	02/26/18	MH	SW8260C	
Dibromochloromethane	ND		1.0	0.25	ug/L	1	02/26/18	MH	SW8260C	
Dibromomethane	ND		1.0	0.25	ug/L	1	02/26/18	MH	SW8260C	
Dichlorodifluoromethane	ND		1.0	0.25	ug/L	1	02/26/18	MH	SW8260C	
Ethylbenzene	0.27	J	1.0	0.25	ug/L	1	02/26/18	MH	SW8260C	
Hexachlorobutadiene	ND		0.50	0.20	ug/L	1	02/26/18	MH	SW8260C	
Isopropylbenzene	ND		1.0	0.25	ug/L	1	02/26/18	MH	SW8260C	
m&p-Xylene	ND		1.0	0.25	ug/L	1	02/26/18	MH	SW8260C	
Methyl ethyl ketone	ND		2.5	2.5	ug/L	1	02/26/18	MH	SW8260C	
Methyl t-butyl ether (MTBE)	ND		1.0	0.25	ug/L	1	02/26/18	MH	SW8260C	
Methylene chloride	ND		3.0	1.0	ug/L	1	02/26/18	MH	SW8260C	
Naphthalene	ND		1.0	1.0	ug/L	1	02/26/18	MH	SW8260C	
n-Butylbenzene	ND		1.0	0.25	ug/L	1	02/26/18	MH	SW8260C	
n-Propylbenzene	ND		1.0	0.25	ug/L	1	02/26/18	MH	SW8260C	
o-Xylene	ND		1.0	0.25	ug/L	1	02/26/18	MH	SW8260C	
p-Isopropyltoluene	ND		1.0	0.25	ug/L	1	02/26/18	MH	SW8260C	
sec-Butylbenzene	ND		1.0	0.25	ug/L	1	02/26/18	MH	SW8260C	
Styrene	ND		1.0	0.25	ug/L	1	02/26/18	MH	SW8260C	
tert-Butylbenzene	ND		1.0	0.25	ug/L	1	02/26/18	MH	SW8260C	
Tetrachloroethene	ND		1.0	0.25	ug/L	1	02/26/18	MH	SW8260C	
Tetrahydrofuran (THF)	ND		5.0	2.5	ug/L	1	02/26/18	MH	SW8260C	1
Toluene	0.32	J	1.0	0.25	ug/L	1	02/26/18	MH	SW8260C	
trans-1,2-Dichloroethene	ND		5.0	0.25	ug/L	1	02/26/18	MH	SW8260C	
trans-1,3-Dichloropropene	ND		0.40	0.25	ug/L	1	02/26/18	MH	SW8260C	
trans-1,4-dichloro-2-butene	ND		2.5	2.5	ug/L	1	02/26/18	MH	SW8260C	
Trichloroethene	ND		1.0	0.25	ug/L	1	02/26/18	MH	SW8260C	
Trichlorofluoromethane	ND		1.0	0.25	ug/L	1	02/26/18	MH	SW8260C	
Trichlorotrifluoroethane	ND		1.0	0.25	ug/L	1	02/26/18	MH	SW8260C	
Vinyl chloride	ND		1.0	0.25	ug/L	1	02/26/18	MH	SW8260C	
QA/QC Surrogates										
% 1,2-dichlorobenzene-d4	103				%	1	02/26/18	MH	70 - 130 %	
% Bromofluorobenzene	96				%	1	02/26/18	MH	70 - 130 %	
% Dibromofluoromethane	111				%	1	02/26/18	MH	70 - 130 %	

Ver 1

Project ID: BEACH 62ND ST., QUEENS
Client ID: GW5

Phoenix I.D.: BZ94526

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
% Toluene-d8	93			%	1	02/26/18	MH	70 - 130 %

1 = This parameter is not certified by NY NELAC for this matrix. NY NELAC does not offer certification for all parameters at this time.

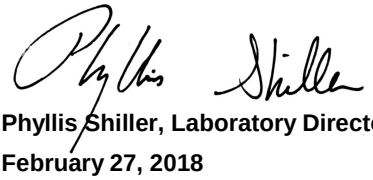
RL/PQL=Reporting/Practical Quantitation Level (Equivalent to NELAC LOQ, Limit of Quantitation) ND=Not Detected BRL=Below Reporting Level L=Biased Low J=Estimated Below RL LOD=Limit of Detection MDL=Method Detection Limit1
QA/QC Surrogates: Surrogates are compounds (preceeded with a %) added by the lab to determine analysis efficiency. Surrogate results(%) listed in the report are not "detected" compounds.

Comments:

Volatile Comment:
Where the LOD justifies lowering the RL/PQL, the RL/PQL of some compounds are evaluated below the lowest calibration standard in order to meet criteria.

S - Laboratory solvent, contamination is possible.

If there are any questions regarding this data, please call Phoenix Client Services.



Phyllis Shiller, Laboratory Director
February 27, 2018
Reviewed and Released by: Greg Lawrence, Assistant Lab Director

Tuesday, February 27, 2018

Criteria: NY: GW

State: NY

Sample Criteria Exceedances Report

GBZ94522 - EBC

SampNo	Acode	Phoenix Analyte	Criteria	Result	RL	Criteria	RL Criteria	Analysis Units
BZ94522	$8260DP25R	Benzene	NY / TAGM - Volatile Organics / Groundwater Standards	0.84	0.70	0.7	0.7	ug/L
BZ94522	$8260DP25R	1,2-Dibromo-3-chloropropane	NY / TOGS - Water Quality / GA Criteria	ND	0.50	0.04	0.04	ug/L
BZ94522	$8260DP25R	1,2-Dibromoethane	NY / TOGS - Water Quality / GA Criteria	ND	0.25	0.0006	0.0006	ug/L
BZ94522	$8260DP25R	1,2,3-Trichloropropane	NY / TOGS - Water Quality / GA Criteria	ND	0.25	0.04	0.04	ug/L
BZ94523	$8260DP25R	Benzene	NY / TAGM - Volatile Organics / Groundwater Standards	0.91	0.70	0.7	0.7	ug/L
BZ94523	$8260DP25R	1,2,3-Trichloropropane	NY / TOGS - Water Quality / GA Criteria	ND	0.25	0.04	0.04	ug/L
BZ94523	$8260DP25R	1,2-Dibromo-3-chloropropane	NY / TOGS - Water Quality / GA Criteria	ND	0.50	0.04	0.04	ug/L
BZ94523	$8260DP25R	1,2-Dibromoethane	NY / TOGS - Water Quality / GA Criteria	ND	0.25	0.0006	0.0006	ug/L
BZ94524	$8260DP25R	1,2-Dibromo-3-chloropropane	NY / TOGS - Water Quality / GA Criteria	ND	0.50	0.04	0.04	ug/L
BZ94524	$8260DP25R	1,2-Dibromoethane	NY / TOGS - Water Quality / GA Criteria	ND	0.25	0.0006	0.0006	ug/L
BZ94524	$8260DP25R	1,2,3-Trichloropropane	NY / TOGS - Water Quality / GA Criteria	ND	0.25	0.04	0.04	ug/L
BZ94525	$8260DP25R	1,2,3-Trichloropropane	NY / TOGS - Water Quality / GA Criteria	ND	0.25	0.04	0.04	ug/L
BZ94525	$8260DP25R	1,2-Dibromo-3-chloropropane	NY / TOGS - Water Quality / GA Criteria	ND	0.50	0.04	0.04	ug/L
BZ94525	$8260DP25R	1,2-Dibromoethane	NY / TOGS - Water Quality / GA Criteria	ND	0.25	0.0006	0.0006	ug/L
BZ94526	$8260DP25R	1,2-Dibromoethane	NY / TOGS - Water Quality / GA Criteria	ND	0.25	0.0006	0.0006	ug/L
BZ94526	$8260DP25R	1,2,3-Trichloropropane	NY / TOGS - Water Quality / GA Criteria	ND	0.25	0.04	0.04	ug/L
BZ94526	$8260DP25R	1,2-Dibromo-3-chloropropane	NY / TOGS - Water Quality / GA Criteria	ND	0.50	0.04	0.04	ug/L

Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102 Fax (860) 645-0823

ACCREDITED IN ACCORDANCE WITH nelac NY # 11301

NY Temperature Narration

February 27, 2018

SDG I.D.: GBZ94522

The samples in this delivery group were received at 2.4°C.
(Note acceptance criteria is above freezing up to 6°C)

Cooler: Yes [X] No [ ]
Coolant: IPK [X] ICE [X] No [ ]

PHOENIX
Environmental Laboratories, Inc.

NY/NJ CHAIN OF CUSTODY RECORD

587 East Middle Turnpike, P.O. Box 370, Manchester, CT 06040
Email: info@phoenixlabs.com Fax (860) 645-0823
Client Services (860) 645-8726

Temp 2.4 °C Pg 1 of 1

Contact Options:
[ ] Fax:
[ ] Phone: 631-504-6000
[X] Email: File

Customer: Environmental Business Consultants
Address: 1808 Middle Country Road
Ridge, NY 11961

Project: Beach 62nd St, Queens, NY
Report to: Environmental Business Consultants
Invoice to: Environmental Business Consultants

Project P.O:

This section MUST be completed with Bottle Quantities.

Client Sample - Information - Identification

Sampler's Signature: Hongyang Cao Date: 2/23/18

Matrix Code:
DW=Drinking Water **GW**=Ground Water **SW**=Surface Water **WW**=Waste Water
RW=Raw Water **SE**=Sediment **SL**=Sludge **S**=Soil **SD**=Solid **W**=Wipe
OIL=Oil **B**=Bulk **L**=Liquid

Analysis Request: VOCs 8260

PHOENIX USE ONLY SAMPLE #	Customer Sample Identification	Sample Matrix	Date Sampled	Time Sampled	Soil VOA Vials [ ] methanol [ ] H2O	GL Soil container ( ) oz	GL Soil container ( ) oz	40 ml VOA Vial [ ] As is [X] HCl	GL Amber 1000ml [ ] As is [ ] H2SO4	PL As is [ ] 250ml [ ] 500ml [ ] 1000ml	PL H2SO4 [ ] 250ml [ ] 500ml	PL HNO3 250ml	PL NaOH 250ml	Bacteria Bottle
945202	GW 1	GW	2/23/18		X			3						
945203	GW 2	GW			X			3						
945204	GW 3	GW			X			3						
945205	GW 4	GW			X			3						
945206	GW 5	GW	↓		X			3						

Relinquished by:	Accepted by:	Date:	Time:
		2/26/18	10:50
	Caroline	2/26/18	1320

Comments, Special Requirements or Regulations:

Turnaround:
[ ] 1 Day*
[ ] 2 Days*
[ ] 3 Days*
[X] 5 Days
[ ] 10 Days
[ ] Other
* SURCHARGE APPLIES

NJ
[ ] Res. Criteria
[ ] Non-Res. Criteria
[ ] Impact to GW Soil Cleanup Criteria
[ ] GW Criteria

NY
[X] NY 375 GWP
[ ] NY375 Unrestricted Use Soil
[ ] NY375 Residential Soil
[ ] Restricted/Residential
[ ] Commercial
[ ] Industrial

Data Format
[ ] Phoenix Std Report
[X] Excel
[X] PDF
[ ] GIS/Key
[X] EQuIS
[ ] NJ Hazsite EDD
[X] NY EZ EDD (ASP)
[ ] Other

Data Package
[ ] NJ Reduced Deliv.*
[X] NY Enhanced (ASP B)*
[ ] Other

State where samples were collected: NY

1808 Middle Country Road
Ridge, NY 11961
Phone 631.504.6000
Fax 631.924.2870