PHASE II
ENVIRONMENTAL SITE ASSESSMENT

28 - 34 PEARL STREET
PORT CHESTER, NEW YORK
NYSDEC SPILL NO. 2003263

PREPARED FOR:

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PHASE II ENVIRONMENTAL SITE ASSESSMENT

28 – 34 Pearl Street
Port Chester, New York

1.0 EXECUTIVE SUMMARY

HydroEnvironmental Solutions, Inc. (HES), on behalf of Mr. Stephen Matri, Jr. and The Renatus Group, has completed a Phase II Environmental Site Assessment (ESA) at the commercial property located at 28-34 Pearl Street in Port Chester, New York (the SITE). This ESA was prepared in conformance with HES' June 2, 2020 Phase II ESA proposal, New York State Department of Environmental Conservation (NYSDEC) rules and regulations and in accordance with ASTM International (ASTM) Standards 1527-05/13 and 1903-11 for conducting Phase II ESAs. All Phase II fieldwork was conducted by HES on July 16, 23, and 28, 2020.

A Phase I ESA was conducted for the site prior to this Phase II, which recommended further investigation work, based on this sites' historic use as a former gasoline dispensing station and repair shop, as well as its' current commercial use. HES submitted a written work scope and cost estimate to conduct the Phase II ESA and provided it to Mr. Matri, Jr. for review and approval. The following Phase II ESA field activities were completed:

- Drilling and installation of seven soil borings at locations selected by HES;
- Collection of soil samples during drilling from seven of the test borings for volatile organic compounds (VOCs) and semi-volatile organic compounds (SVOCs) at a New York State certified laboratory;
- Collection of soil samples during drilling from four of the test borings for metals analysis (target analyte list [TAL]);
- Collection of soil sample during drilling from one of the test borings for PCB analysis
- Installation of two temporary monitoring wells at selected borehole locations;
- Collection of groundwater samples during drilling from both of the monitoring wells for VOCs and SVOCs at a New York State certified laboratory;
- Installation of four shallow vapor points for VOCs using EPA Method TO-15;
- Preparation of this report.

Results of this work demonstrate that the soil beneath the SITE at the boring locations contained detectable concentrations of VOCs above laboratory method detection limits (MDLs) in the borings designated B-6 and B-7. The groundwater samples collected from temporary wells B-2 TW and B-3 TW contained detectable concentrations of VOCs above laboratory MDLs, and SVOCs were detected in B-3 TW above MDLs. Metals were detected in the boring locations designated B-3, B-4, B-6, and B-7 above laboratory MDLs. The soil

sample collected from B-7 for PCBs determined that there were no detections present. Additionally, soil vapor samples collected contained observed hydrocarbon impacts in the vapor points designated VP-1, VP-2, VP-3 and VP-4, as well as the background sample.

Groundwater was encountered at boring locations (B-2 TW and B-3 TW), due to shallow bedrock refusal across the majority of the site. Groundwater depths ranged from 7.2 feet below grade (ftbg) to approximately 9.1 ftbg.

2.0 INTRODUCTION

The subject SITE consists of an approximately 0.33-acre commercial property that houses a small engine repair shop, an auto repair garage, and a separate 2-story residential building. According to the previously completed Phase I ESA for the property and the supplemental documents included therein, six (6) 2,000-gallon underground storage tanks (USTs) located on-SITE were removed approximately 20 years ago when the SITE was converted from a gas station dating back to 1968. HES conducted a Phase I ESA at this SITE in July 2020, and additional environmental investigation was recommended due to the SITE's historic and current use. The Phase I ESA for the property is included as **Appendix 1**.

A Site Location Map is presented as **Figure 1** and a general site plan of the subject SITE is included as **Figure 2**.

3.0 PURPOSE

The purpose of this Phase II ESA is to identify, via subsurface investigation techniques, any contamination that exists beneath the SITE. HES's Phase I ESA determined there were three (3) *recognized environmental conditions* (RECs) and one (1) *historical recognized environmental condition (HREC)*. During the Phase 1 investigation the following RECs and HRECs were observed:

- REC-1: Former USTs and pump islands related to the former use of 28 Pearl Street as a fueling station. According to the SITE owner, Mr. Joseph Gianfrancesco, six 2,000-gallon USTs and the pump islands, which formerly serviced the fueling station, were removed under the supervision of the Village of Port Chester approximately 20 years ago. This was confirmed by records obtained in the EDR search conducted as part of the Phase I ESA. However, the potential for undocumented leaks related to the former pump islands and six USTs are a potential source for contamination to the subsurface soil and groundwater, making the SITE's former use a potential REC.

- REC-2: Floor drains located inside the small engine repair shop and automotive repair shop at 28 Pearl Street. According to the SITE owner and operator of the

small engine repair shop, Mr. Gianfrancesco, some floor drains were connected to an oil-water separator which fed to the waste oil tank, while others discharged to possible dry wells. Although the floor drains appeared to be in good condition the potential for petroleum products and hazardous chemicals to leak from floor drain piping or a failure of the oil-water separator presents the potential for subsurface contamination.

- REC-3: The three above-ground storage tanks (ASTs) located behind the building at 28 Pearl Street. Field inspection of the ASTs indicated potential for corrosion at the base of the tanks due to their proximity to moist vegetated soils below the base of the tank. Each of these conditions may lead to or may have led to leaks from the ASTs.

- HREC-1: The target SITE is a historical auto repair garage and was a former gas station dating back to 1968, which is evident in the records search. For these reasons, this is considered an HREC.

This report was prepared to describe the work conducted during this Phase II ESA, evaluate findings and provide conclusions and recommendations for future work at the SITE, if deemed necessary. The Phase I ESA from HES is included in **Appendix 1** in this report.

3.1 Special Terms and Conditions

This Phase II ESA was performed in conformance with HES' June 2, 2020 proposal, pertinent NYSDEC rules, regulations and guidelines; and ASTM Standards 1527-05/13 and 1903-11 Standard Practice for Site Assessments.

3.2 Limitations and Exceptions of Assessment

No limitations or exceptions have affected this assessment in any way.

3.3 Limiting Conditions and Methodology Used

No limiting conditions or methodology have affected this assessment in any way.

4.0 BACKGROUND

4.1 Physical Setting

The subject SITE at 28 Pearl Street consists of a 0.33-acre lot including a paved parking area and a single-story building containing a small engine repair shop (Joe's Garage), and an auto repair shop (V&G Int'l Transmissions & Auto Repair, LTD.). The property located at 34 Pearl Street consists of a 0.12-acre lot including a two-story three-bedroom home with a basement, a driveway and a fenced-in front yard and backyard.

New York Route 120A (Pearl Street) borders the SITE to the west and commercial properties border the SITE to the north, west, and south. Residential buildings border the SITE to the east.

The SITE location is shown on **Figure 1** and is at an elevation of approximately 25 feet above sea level.

4.2 Bedrock and Surficial Geology

According to the Surficial Geologic Map of New York, Lower Hudson Sheet (Cadwell, 1989), the SITE is underlain by glacial till with variable texture, which is relatively impermeable. The thickness of the till in this area varies between 1 - 50 meters below the surface. The bedrock beneath the SITE is mapped on the Geologic Map of New York, Lower Hudson Sheet (Fisher, 1970) as the late Cambrian to early Ordovician Hartland Formation (basal amphibolite overlain by pelitic schists).

5.0 SUMMARY OF PREVIOUS ASSESSMENTS

HES completed a Phase I ESA Report, dated August 4, 2020 (**Appendix 1**). Based on the Phase I findings, HES determined that that further environmental investigation was warranted based on the above referenced *RECs* and an *HREC.*

A. Past Uses of the Property

To HES' knowledge, the SITE has been used for commercial purposes, more specifically a gas station from around 1968 to approximately 20 years ago. This is referenced on the attached Phase I ESA completed by HES.

6.0 PHASE II ACTIVITIES

6.1 Scope of Assessment

6.1.1 Conceptual Site Model

The conceptual SITE model was developed using the cumulative data obtained from the SITE visit and our experience with similar sites. The following conceptual SITE model was prepared:

The SITE appears to be built upon silt and gravel textured soils (fill) grading quickly into sand, silt clay and pebbles (tile) of moderate to low permeability which likely overlays bedrock. As is typical for most areas in this region, a highly fractured bedrock unit likely underlies the area.

Due to the topographic position of the site and the presence of fill, the water table is perched groundwater above underlying weathered bedrock. Groundwater is assumed to flow to the southeast towards the Long Island sound within the unconsolidated material and the fractured bedrock beneath the SITE; therefore; the overall flow characteristic of the SITE suggests that any contaminant impacted groundwater would migrate away from the SITE in the groundwater to the south towards the Sound. Vertical groundwater flow or contaminant migration would be anticipated at this SITE because of the coarse sand and gravel observed beneath the SITE.

Released contaminants from any identified REC(s) may become adsorbed on the soils immediately beneath the release and above the shallow rock unless a significant quantity was released providing a driving force to move the contaminant into contact with the bedrock and groundwater within this unit. If a lighter-than-water non-aqueous phase liquid (LNAPL) product were present and did reach the water table, it would then be expected to migrate horizontally on top of the water table in the bedrock. Any LNAPL that reached the water table would also begin to intermix and dissolve with the groundwater beneath the SITE establishing a plume of dissolved phase contamination.

The most elevated concentrations of contamination would be expected beneath the source just above the water table. The most elevated groundwater hydrocarbon concentrations would be expected at or near the top of the water table and may be found anywhere downgradient of the source. Concentrations would be expected to decline deeper into the water table.

6.1.2 Phase II ESA Work Plan

Based on the conceptual model, the following subsurface investigation plan was developed by HES. The objective of the plan was to determine, to the extent feasible, if subsurface contamination is present. The plan was developed with a focus on the extent and magnitude of the contamination (if any) including a determination of where the mass of contamination is present (i.e. where on-SITE) and which phase – adsorbed, vadose, and/or dissolved phase.

Considering the available information reviewed and our site visit, the following activities were recommended and completed:

- HES recommended installing from ten to twelve soil borings in the immediate vicinity of the areas of concern.
- Field screening of each soil sample with a properly calibrated MiniRae® 3000 photoionization detector (PID) during drilling.
- Collection of six soil samples from the seven borings installed exhibiting the highest PID readings, at the groundwater table, or at the maximum completion depths. Laboratory analyses conducted on six soil samples included the following methods: EPA Method 8260 for VOCs and EPA Method 8270 (STARS list) for SVOCs. The other four soil samples were collected and analyzed for TAL Metals while one sample was analyzed for PCBs.
- Installation of two temporary monitoring wells in two of the boreholes for collection of groundwater for laboratory analysis. Groundwater samples were collected from the temporary monitoring wells and submitted for laboratory analysis. Laboratory analyses conducted on groundwater samples included the following methods: EPA Method 8260 for VOCs and EPA Method 8270 (former STARS list) for SVOCs.

6.1.3 Sample Testing Plan

HES' sampling plan called for the collection of soil samples for laboratory analysis from most of the borings drilled. All soil samples were specified to be collected at the water table interface or from the interval that contained the highest PID assay or from the bottom of the boring. The sampling location was left to the discretion of the HES hydrogeologist overseeing the drilling. Groundwater samples were specified to be collected from all newly installed temporary monitoring wells in accordance with NYSDEC protocols and industry accepted methods. All groundwater and soil samples collected from the SITE were specified to be submitted for various analyses in accordance with the analytical matrix presented below:

Boring ID	EPA 8260	EPA 8270 (STARS)	TAL Metals	PCBs
B-1	S	S	NA	NA
B-2 TW	S/GW	S/GW	NA	NA
B-3 TW	S/GW	S/GW	S	NA
B-4	S	S	S	NA
B-5	S	S	NA	NA
B-6	S	S	S	NA
B-7	S	S	S	S

Notes: GW=Groundwater; S=Soil/Sediment; NA=Not Analyzed

6.1.4 Deviations from the Work Plan

Due to the shallow bedrock refusal encountered during drilling activities, only two (2) temporary wells were installed during the Phase II ESA, as groundwater was encountered in only those two locations on-site.

6.2 Field Explorations and Methods

6.2.1 Test Borings

After the SITE was cleared for underground utilities by "Dig Safely New York". Following the utility mark-outs, HES drilled borings at the locations shown on **Figure 2**. The drilling work was conducted on July 16 and 23, 2020. Borings were installed using a Geoprobe® 54DT track-mounted drill rig and the direct-push drilling method (**Figure 3**).

The soil borings designated GB-1 through GB-7 were drilled around the reported location of the former removed USTs, as well as around the perimeter of the site. The soil borings were drilled using a 2.25-inch stainless-steel macro-core sampler. A 4-foot sampler was advanced continuously using a hydraulic hammer and the direct-push method to collect undisturbed sediment samples. Drilling continued at each location until the hole penetrated the inferred depth to groundwater or refusal.

An HES hydrogeologist was on-site during all drilling activities to descriptively log the sediments encountered and to record other pertinent information about each boring, including the presence or absence of VOC odors and the inferred depth to groundwater. Copies of the completed Geologic Logs, including the results of the PID screening, are included as **Appendix 2**. The table below presents pertinent details regarding the drilling work that was completed:

Boring ID	Boring Depth (ftbg)	Highest PID Reading & Interval (ppm)
B-1	6	0.3 ppm
B-2 TW	9.5	0.3 ppm
B-3 TW	10.5	546.1 ppm
B-4	10	27.1 ppm
B-5	8	0.4 ppm
B-6	8	488.7 ppm
B-7	9.5	1.1 ppm

PID = photoionization detector
ppm = parts per million
ftbg = feet below grade

6.2.2 Monitoring Well Installation

Temporary groundwater monitoring wells were installed in the boreholes designated B-2 TW and B-3 TW. The wells were constructed of 1-inch schedule 40 PVC using 20-slot well screen and solid PVC casing to completion depths of 9.5 and 10.5 ftbg. The well construction details are shown on the Geologic Logs in **Appendix 2**. The wells were allowed time to equilibrate prior to evacuation and sampling.

6.2.3 Soil Gas Vapor Point Installation

Four (4) shallow vapor points were installed by HES using a GeoProbe 54 DT drill rig and the direct-push drilling method using stainless-steel 2.25'' rods to completion depths of 3 – 4 feet below grade. The vapor points were installed in the borings using 6'' stainless steel vapor points and were installed using No. 2 filter sand and sealed with 3/8'' bentonite chips to create an airtight seal around the vapor point annulus.

6.3 Sampling and Chemical Analyses and Methods

6.3.1 Soil

During drilling, soil samples that contained the highest PID reading or those collected at the water table interface or from the bottom of the boring were collected for laboratory analysis at the test boring locations. The samples were sent to York Analytical Laboratories, Inc. (York); a New York State certified laboratory located in Stratford, Connecticut. Collected samples were received at the laboratory on ice on July 17 and 24, 2020. Analyses were selected for the soil samples based on HES' Phase II ESA Work Plan and included EPA Method 8260 and EPA Method 8270 (former STARS list) for samples tested for VOCs and SVOCs. Select soil samples were also tested for TAL Metals and PCB-analysis.

6.3.2 Groundwater

Groundwater was collected from the temporary monitoring wells installed at boring locations B-2 TW and B-3 TW based on the proposed work plan. Prior to sample collection, depth to water measurements (DTW) were collected using an electronic interface probe. The groundwater samples, which are designated as B-2 TW, and B-3 TW, were collected in appropriately labeled glassware and in accordance with industry accepted protocols. The samples were transported on ice and received by York on July 17, 2020 to be analyzed for VOCs and SVOCs using EPA Method 8260 and EPA Method 8270 (former STARS list).

6.3.3 Soil Vapor

Four (4) shallow soil vapor points were installed using a GeoProbe 54 DT drill rig using the direct-push method to a completion depth of 3 – 4 feet using stainless steel vapor points installed in accordance with New York State Department of Health (NYSDOH) Soil Vapor Testing Protocols. Soil vapor samples were collected from all four points (including an ambient air, or background at the SITE), and were analyzed for VOCs using EPA Method TO-15. The soul vapor samples were received by York on July 30, 2020.

7.0 EVALUATION AND PRESENTATION OF RESULTS

7.1 Subsurface Conditions

The following subsurface conditions were observed during the Phase II ESA.

7.1.1 Geologic Setting

Review of the Geologic Logs compiled by HES indicates that the subsurface materials are comprised of the following sediments:

- 0 to 4 ftbg – Fill composed of silt with some gravel and trace sand.
- 4 to 8 ftbg – Sand and silt, traces of gravel.
- 8 to 10.5 ftbg – Sand with trace silt, weathered bedrock

7.1.2 Hydrogeologic Conditions

Signs of groundwater (moisture, mottling, etc.) were encountered at all boring locations from approximately 7 – 9 ftbg.

7.1.3 Verification of Conceptual Site Model

The collected soil data validates the conceptual model that was developed by HES. In general, the subsurface conditions are as follows:

- Silt and gravel fill material overlying medium-grained sand and silt material to a depth of 10.5 ftbg where presumed bedrock refusal was encountered.

7.2 Analytical Data

7.2.1 PID Screening of Soil Samples

As described above, the on-SITE HES hydrogeologist screened the collected soil samples for the presence of detectable VOC vapors using a PID. The field screening results indicate that VOC vapors were detected at B-3 TW from 0 – 10.5 ftbg ranging from 186.4 to 546.1 parts per million (ppm), B-4 from 4 – 8 ftbg at 27.1 ppm and B-6 from 4 – 8 ftbg at 488.7 ppm. None of the other boring locations contained VOC vapors. The PID assay are included on the Geologic Logs in **Appendix 2** and are summarized above in **Section 6.2.1**.

7.2.2 Soil Quality Results

Sections 6.1.2 and **6.1.3** above provide the rationale for the placement of each soil boring, the type of samples HES recommended collecting, along with the matrix of laboratory analyses to be used. The soil laboratory analytical results indicate that soil collected from borings B-6 and B-7 contained concentrations of VOCs that were detected above laboratory MDLs, and they also exceeded NYSDEC Unrestricted Use Soil Cleanup Objectives (NYSDEC-UUSCOs). Boring B-6 had exceedances for the following compounds: 1,2,4-Trimethylbenzene (81 mg/kg [micrograms per kilogram]), 1,3,5-Trimethlbenzene (14 mg/kg), Acetone (0.190 mg/kg), Methyl chloride (0.200 mg/kg), n-Propylbenzene (6.7 mg/kg) and Total Xylenes (5.10 mg/kg). Boring B-7 had an exceedance for Acetone (0.0660 mg/kg).

Soil collected from the borings designated B-3 TW, B-4, B-6, and B-7 contained concentrations of metals detected above laboratory MDLs, as well as exceeding the NYSDEC NYSDEC-UUSCOs in accordance with NYSDEC Commissioners Policy No. 51 (CP-51) and Subpart 375-6.8(a). At boring location B-3 TW, there were exceedances for Copper (58.2 mg/kg) and Nickel (39.5 mg/kg). At boring location B-4, there were exceedances for Lead (85.2 mg/kg) and Zinc (126 mg/kg). At borings B-6 and B-7 exceedances for Lead were observed (526 and 406 mg/kg, respectively). No detected PCBs were observed in the boring designated B-7.

SVOC concentrations were detected above laboratory MDLs at the boring locations designated B-3 TW B-4, B-6, and B-7, although none of the above locations had SVOC

concentrations that exceeded their respective NYSDEC-UUSCOs. The exceedances for the soil sampling is included in **Figure 4**.

The soil laboratory analytical results are summarized on **Table 1** and the laboratory analytical report is included in **Appendix 3**.

7.2.3 Groundwater Sampling Results

The groundwater samples collected from the temporary monitoring wells installed in B-2 TW and B-3 TW indicate that VOCs were detected above laboratory MDLs in both of the groundwater samples. Additionally, there were concentrations of VOCs that exceeded their respective NYSDEC Ambient Water Quality Standards (AWQS) in both of the samples designated B-2 TW and B-3 TW. For sample B-2 TW, the following parameters exceeded NYSDEC-AWQS: Acetone (1,200 ug/L [micrograms per Liter]), Benzene (32 ug/L), Isopropylbenzene (45 ug/L), Methylene chloride (270 ug/L), n-Propylbenzene (150 ug/L), p-Isopropyltoluene (27 ug/L), and sec-Butylbenzene (140 ug/L).

The sample collected at B-3 TW had the following exceedances: 1,2,3-Trichloropropane (5 ug/L), 1,2,4-Trimethylbenzene (54 ug/L) Acetone (510 ug/L), Benzene (35 ug/L), Ethyl Benzene (7.7 ug/L) Isopropylbenzene (23 ug/L), Methylene chloride (14 ug/L), n-Butylbenzene (41 ug/L) n-Propylbenzene (60 ug/L), p & m Xylenes (5.8 ug/L), p-Isopropyltoluene (9.6 ug/L), and sec-Butylbenzene (43 ug/L).

The groundwater collected from the temporary monitoring wells designated GB-3 TW contained concentrations of SVOC constituents above laboratory MDLs that exceeded their respective NYSDEC-AWQS. For GB-3 TW, Indeno(1,2,3-cd)pyrene (0.0571 ug/L) exceeded its respective NYSDEC-AWQS. The exceedances for the groundwater sampling are included in **Figure 5**.

The groundwater laboratory analytical results are summarized on **Table 2** and the laboratory analytical report is included in **Appendix 3**.

7.2.4 Soil Vapor Sampling Results

Soil vapor samples were collected from shallow vapor points designated VP-1, VP-2, VP-3, VP-4 and the background air sample. The soil vapor analytical results indicate that VOCs were detected above laboratory MDLs in each of the collected samples. Additionally, there were VOCs detected in each of the collected samples that exceeded their respective New York State Department of Health (NYSDOH) Background Standards for Outdoor Air. VP-1 had exceedances of 1,1,1-Trichloroethane (1.5 ug/m^3), 1,2,4-Trimethylbenzene (9.1 ug/m^3), 1,3,5-Trimethylbenzene (9.1 ug/m^3), 2-Butanone (6 ug/m^3), 4-Methyl 2-Pentanone (0.970 ug/m^3), Acetone (120 ug/m^3), Benzene (1.2 ug/m^3), Chloroform (3.8 ug/m^3), Chloromethane (1.3 ug/m^3), Cyclohexane (0.540 ug/m^3), Dichlorofluoromethane (ug/m^3),

Ethyl Benzene (5.5 ug/m^3), Hexachlorobutadiene (1.7 ug/m^3), Methyl Methacrylate (0.650 ug/m^3), Methane Chloride (1.4 ug/m^3), n-Heptane (1.6 ug/m^3), n-Hexane (2.2 ug/m^3), o-xylene (6.6 ug/m^3), p- & m-Xylenes (5.7 ug/m^3), Styrene (0.670 ug/m^3), Tetrachloroethylene (250 ug/m^3), Toluene (4.8 ug/m^3), and Trichlorofluoromethane (1.5 ug/m^3). The samples designated VP-2, VP-3, VP-4 and the background sample contained exceedances of these contaminants as well, with VP-2 having the highest overall concentrations of all samples collected. Notable contaminants from VP-2 which had particularly high concentrations were Cyclohexane (180,000 ug/m^3), n-Heptane (270,000 ug/m^3), and n-Hexane (530,000 ug/m^3). The exceedances for soil vapor sampling are included in **Figure 6**.

The soil vapor laboratory analytical results are summarized on **Table 3** and the laboratory analytical report is included in **Appendix 3.**

8.0 DISCUSSION OF FINDINGS AND CONCLUSIONS

This Phase II ESA was conducted in accordance with recommendations from the HES Phase I ESA as described in the HES Phase II ESA Proposal dated June 2, 2020 and in accordance with the work described in **Sections 6.1**. No significant deviations to the work practice have occurred during any portion of this ESA.

Based on the available information identified following review of the HES Phase I ESA, HES has completed the following work tasks:

- Drilling and installation of seven soil borings at locations selected by HES;
- Collection of soil samples during drilling from all seven of the test borings for analysis of VOCs and SVOCs at a New York State certified laboratory;
- Collection of soil samples during drilling from four of the test borings for TAL metals and one sample for PCBs at a New York State certified laboratory;
- Installation of two temporary monitoring wells at selected borehole locations;
- Collection of groundwater samples during drilling from both of the monitoring wells for VOC and SVOC analysis at a New York State certified laboratory;
- Installation of four shallow vapor points to collect VOC samples for analysis at a New York State certified laboratory;
- Preparation of this report.

8.1 Discussion of Results

The results of PID field screening of soil samples collected from test boring locations B-1 through B-7 indicate that petroleum hydrocarbon vapors were detected at the B-3 TW (546.1 ppm), B-4 (27.1 ppm), and B-6 (488.7 ppm) boring locations. The other borings did

not contain petroleum hydrocarbon vapors or concentrations of concern for these constituents.

The soil sample collected from boring B-6 had exceedances for the following parameters; 1,2,4-Trimethylbenzene (81 mg/kg), 1,3,5-Trimethlbenzene (14 mg/kg), Acetone (0.190 mg/kg), Methyl chloride (0.200 mg/kg), n-Propylbenzene (6.7 mg/kg) and Total Xylenes (5.10 mg/kg). Boring B-7 had an exceedance for Acetone (0.0660 mg/kg).

The results of the soil sampling for TAL metals indicate that borings B-3 TW, B-4 TW, B-6 and B-7 contained concentrations that exceeded their respective NYSDEC-UUSCOs. In boring B-3 TW, there were exceedances for Copper (58.2 mg/kg) and Nickel (39.5 mg/kg). In boring B-4, there were exceedances for Lead (85.2 mg/kg) and Zinc (126 mg/kg). Borings B-6 and B-7 both had exceedances for Lead (526 and 406 mg/kg, respectively).

The results of groundwater sampling for VOCs and SVOCs indicate that several VOCs were detected above NYSDEC-AWQS in the temporary monitoring wells installed at the B-1 TW, and B-5 TW boreholes. For B-2 TW, Acetone (1,200 ug/L), Benzene (32 ug/L), Isopropylbenzene (45 ug/L), Methylene chloride (270 ug/L), n-Propylbenzene (150 ug/L), p-Isopropyltoluene (27 ug/L), and sec-Butylbenzene (140 ug/L) has exceeded their respective NYSDEC-AWQS. B-3 TW also had 1,2,3-Trichloropropane (5 ug/L), 1,2,4-Trimethylbenzene (54 ug/L) Acetone (510 ug/L), Benzene (35 ug/L), Ethyl Benzene (7.7 ug/L) Isopropylbenzene (23 ug/L), Methylene chloride (14 ug/L), n-Butylbenzene (41 ug/L) n-Propylbenzene (60 ug/L), p & m Xylenes (5.8 ug/L), p-Isopropyltoluene (9.6 ug/L), and sec-Butylbenzene (43 ug/L) exceed their NYSDEC-AWQS.

The results of soil vapor sampling for VOCs indicate that several VOCs exceeded their NYSDOH background levels in all of the vapor points, designated VP-1, VP-2, VP-3, VP-4, and in the background sample. All of the samples had exceedances for Acetone (19 – 1,100 ug/m^3), Benzene (3.3 – 4,400 ug/m^3), Dichlorofluoromethane (2 – 38 ug/m^3), Ethyl Benzene (2.9 – 5,500 ug/m^3), Hexachlorobutadiene (1.7 – 81 ug/m^3), n-Heptane (1.6 – 2,700 ug/m^3), n-Hexane (2.2 – 530,000 ug/m^3), o-Xylene (3.6 – 510 ug/m^3), and Tetrachloroethylene (2.6 – 1,100 ug/m^3). Based on the overall concentrations of VOCs, vapor points VP-2 and VP-3 displayed the most impacts in soil vapor quality.

The observed vapor concentrations exceed their respective UUSCOs, and HES believes that the levels detected are attributed to the former 2,000-gallon USTs that were removed on the property approximately 20 years ago. Due to the presence of observed VOC concentrations from the laboratory analytical results, a spill was reported by HES and opened by the NYSDEC. The SITE was assigned Spill Number 2003263.

8.2 Hydrogeologic Setting

The results of the subsurface investigation indicate that a shallow groundwater table exists at approximately 7 - 9 ftbg at the SITE. Based on the observed topography,

groundwater flow, which often mimics surface contours, is likely to the southeast towards the Long Island Sound. The actual groundwater flow direction was not surveyed or confirmed during this Phase II ESA.

8.3 Findings Related to Each Recognized Environmental Condition

Based on these findings, it must be concluded that the existing RECs *cannot* be eliminated for the following reasons:

- Based on PID field screening and the laboratory results of the soil samples collected at the B-6 and B-7 boring locations, detrimental impacts to soil quality remain due to the past bulk storage of petroleum hydrocarbons at the SITE, and historic commercial use.
- Concentrations of metals, including Lead (526 and 406 mg/kg, respectively), and Zinc (1,390 and 257 mg/kg, respectively) are an indication that historic use at the SITE has impacted the soil adversely. In addition, there were several VOCs that exceeded their respective NYSDEC-UUSCOs in these borings which is an indication that the bulk storage of petroleum hydrocarbons have impacted the soil beneath the SITE.
- Based on the laboratory results of the groundwater samples collected from temporary monitoring wells installed at the B-2 TW, and B-3 TW boreholes, several VOCs were detected at levels significantly above their respective NYSDEC-AWQS. This indicates that there have been substantial impacts to the groundwater from the former use of the SITE as a gas station.
- Based on laboratory analytical results for the shallow soil vapor points installed on-site, there are significant impacts to the soil vapor, specifically VP-2 and VP-3, and there is a risk of vapor entry into the basement of the proposed commercial/residential building. Therefore, it is very likely that a sub-slab depressurization system (SSDS) will be required to mitigate the vapor intrusion into these areas.

9.0 RECOMMENDATIONS

Based on the observed petroleum hydrocarbon impacts to the soil, groundwater and shallow soil vapor collected at the SITE along with some metals, HES recommends the following additional environmental investigation:

- The impacts in the groundwater (in both B-2 TW and B-3 TW) should be delineated, and permanent monitor wells should be installed adjacent to both

locations to determine the extent of groundwater impacts. The wells should be installed by a licensed driller under the direct supervision of a geologist.

- The soils on the SITE contain impacts from soil vapor found in all of the installed vapor points, VP-1 through VP-4, as well as the background sample. Additional soil vapor testing is warranted at the SITE as high concentration of VOC vapors could travel beneath the SITE onto adjacent properties. Additional shallow vapor points should be installed to monitor and delineate the shallow soils both on and off-site.

- The high concentrations of Lead and Zinc in the soil indicate that the historical fill is present beneath the site and will need to be addressed accordingly during all proposed future development at the SITE.

10.0 REFERENCES

- ASTM E 1527-13 Standard Practice for Environmental SITE Assessments: Phase II Environmental SITE Assessment Process, ASTM International, Conshohocken, PA.

- Cadwell, Donald H., Editor, 1989, Surficial Geologic Map of New York, Lower Hudson Sheet, New York State Museum – Geological Survey, Map and Chart Series #40.

- Fisher, Donald W., Y.W. Isachsen and L.V. Richard, 1970, Geologic Map of New York, Lower Hudson Sheet, New York State Museum and Science Service, Map - Chart Series #15.

TABLES

Table 1

28 - 34 Pearl Street
Port Chester, New York

Summary Laboratory Analytical Results for Soil

Sample ID York ID Sampling Date Client Matrix	NYSDEC Part 375 Unrestricted Use Soil Cleanup Objectives	NYSDEC Part 375 Restricted Use Soil Cleanup Objectives-Commercial	B-1 20G0641-01 7/16/2020 Soil		B-2 20G0641-02 7/16/2020 Soil		B-3 20G0641-03 7/16/2020 Soil		B-4 20G0641-04 7/16/2020 Soil		B-5 20G0641-05 7/16/2020 Soil		B-6 (0-2) 20G0909-01 7/23/2020 Soil		B-6 (6-8) 20G0909-02 7/23/2020 Soil		B-7 (0-2) 20G0909-03 7/23/2020 Soil		B-7 (7-9) 20G0909-04 7/23/2020 Soil	
Compound			Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q
Volatile Organics, 8260 - Comprehensive (mg/Kg)																				
1,1,1,2-Tetrachloroethane	~	~	0.00230	U	0.00230	U	0.280	U	0.00250	U	0.00210	U	0.00230	U	0.290	U	0.00270	U	0.00260	U
1,1,1-Trichloroethane	0.68	500	0.00230	U	0.00230	U	0.280	U	0.00250	U	0.00210	U	0.00230	U	0.290	U	0.00270	U	0.00260	U
1,1,2,2-Tetrachloroethane	~	~	0.00230	U	0.00230	U	0.280	U	0.00250	U	0.00210	U	0.00230	U	0.290	U	0.00270	U	0.00260	U
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	~	~	0.00230	U	0.00230	U	0.280	U	0.00250	U	0.00210	U	0.00230	U	0.290	U	0.00270	U	0.00260	U
1,1,2-Trichloroethane	~	~	0.00230	U	0.00230	U	0.280	U	0.00250	U	0.00210	U	0.00230	U	0.290	U	0.00270	U	0.00260	U
1,1-Dichloroethane	0.27	240	0.00230	U	0.00230	U	0.280	U	0.00250	U	0.00210	U	0.00230	U	0.29000	U	0.00270	U	0.00260	U
1,1-Dichloroethylene	0.33	500	0.00230	U	0.00230	U	0.280	U	0.00250	U	0.00210	U	0.00230	U	0.290	U	0.00270	U	0.00260	U
1,2,3-Trichlorobenzene	~	~	0.00230	U	0.00230	U	0.280	U	0.00250	U	0.00210	U	0.00230	U	0.290	U	0.00270	U	0.00260	U
1,2,3-Trichloropropane	~	~	0.00230	U	0.00230	U	0.280	U	0.00250	U	0.00210	U	0.00230	U	0.290	U	0.00270	U	0.00260	U
1,2,4-Trichlorobenzene	~	~	0.00230	U	0.00230	U	0.280	U	0.00250	U	0.00210	U	0.00230	U	0.290	U	0.00270	U	0.00260	U
1,2,4-Trimethylbenzene	3.6	190	0.00230	U	0.00230	U	0.280	U	0.00250	U	0.00210	U	0.0790		**81**	D	0.0350		0.0130	
1,2-Dibromo-3-chloropropane	~	~	0.00230	U	0.00230	U	0.280	U	0.00250	U	0.00210	U	0.00230	U	0.290	U	0.00270	U	0.00260	U
1,2-Dibromoethane	~	~	0.00230	U	0.00230	U	0.280	U	0.00250	U	0.00210	U	0.00230	U	0.290	U	0.00270	U	0.00260	U
1,2-Dichlorobenzene	1.1	500	0.00230	U	0.00230	U	0.280	U	0.00250	U	0.00210	U	0.00230	U	0.290	U	0.00270	U	0.00260	U
1,2-Dichloroethane	0.02	30	0.00230	U	0.00230	U	0.280	U	0.00250	U	0.00210	U	0.00230	U	0.29000	U	0.00270	U	0.00260	U
1,2-Dichloropropane	~	~	0.00230	U	0.00230	U	0.280	U	0.00250	U	0.00210	U	0.00230	U	0.290	U	0.00270	U	0.00260	U
1,3,5-Trimethylbenzene	8.4	190	0.00230	U	0.00230	U	0.280	U	0.00250	U	0.00210	U	0.0760		**14**	D	0.00560		0.00300	J
1,3-Dichlorobenzene	2.4	280	0.00230	U	0.00230	U	0.280	U	0.00250	U	0.00210	U	0.00230	U	0.290	U	0.00270	U	0.00260	U
1,4-Dichlorobenzene	1.8	130	0.00230	U	0.00230	U	0.280	U	0.00250	U	0.00210	U	0.00230	U	0.290	U	0.00270	U	0.00260	U
1,4-Dioxane	0.1	130	0.0450	U	0.0460	U	5.600	U	0.0500	U	0.0430	U	0.0470	U	5.80000	U	0.0540	U	0.0520	U
2-Butanone	0.12	500	0.00230	U	0.00370	J	0.280	U	0.00250	U	0.00210	U	0.00230	U	0.29000	U	0.00270	U	0.00260	U
2-Hexanone	~	~	0.00230	U	0.00230	U	0.280	U	0.00250	U	0.00210	U	0.00230	U	0.290	U	0.00270	U	0.00260	U
4-Methyl-2-pentanone	~	~	0.00230	U	0.00230	U	0.280	U	0.00250	U	0.00210	U	0.00230	U	0.290	U	0.00270	U	0.00260	U
Acetone	0.05	500	0.00450	U	0.0190		0.560	U	0.00500	U	0.00430	U	**0.190**		0.58000	U	**0.0590**		**0.0660**	
Acrolein	~	~	0.00450	U	0.00460	U	0.560	U	0.00500	U	0.00430	U	0.00470	U	0.580	U	0.00540	U	0.00520	U
Acrylonitrile	~	~	0.00230	U	0.00230	U	0.280	U	0.00250	U	0.00210	U	0.00230	U	0.290	U	0.00270	U	0.00260	U
Benzene	0.06	44	0.00230	U	0.00230	U	0.280	U	0.00250	U	0.00210	U	0.00230	U	0.29000	U	0.00270	U	0.00260	U
Bromochloromethane	~	~	0.00230	U	0.00230	U	0.280	U	0.00250	U	0.00210	U	0.00230	U	0.290	U	0.00270	U	0.00260	U
Bromodichloromethane	~	~	0.00230	U	0.00230	U	0.280	U	0.00250	U	0.00210	U	0.00230	U	0.290	U	0.00270	U	0.00260	U
Bromoform	~	~	0.00230	U	0.00230	U	0.280	U	0.00250	U	0.00210	U	0.00230	U	0.290	U	0.00270	U	0.00260	U
Bromomethane	~	~	0.00230	U	0.00230	U	0.280	U	0.00250	U	0.00210	U	0.00230	U	0.290	U	0.00270	U	0.00260	U
Carbon disulfide	~	~	0.00550	B	0.00630	B	0.650	BD	0.00590	B	0.00510	B	0.00480	B	0.680	BD	0.00270	U	0.00260	U
Carbon tetrachloride	0.76	22	0.00230	U	0.00230	U	0.280	U	0.00250	U	0.00210	U	0.00230	U	0.290	U	0.00270	U	0.00260	U
Chlorobenzene	1.1	500	0.00230	U	0.00230	U	0.280	U	0.00250	U	0.00210	U	0.00230	U	0.290	U	0.00270	U	0.00260	U
Chloroethane	~	~	0.00230	U	0.00230	U	0.280	U	0.00250	U	0.00210	U	0.00230	U	0.290	U	0.00270	U	0.00260	U
Chloroform	0.37	350	0.00230	U	0.00230	U	0.280	U	0.00250	U	0.00210	U	0.00230	U	0.290	U	0.00270	U	0.00260	U
Chloromethane	~	~	0.00230	U	0.00230	U	0.280	U	0.00250	U	0.00210	U	0.00230	U	0.290	U	0.00270	U	0.00260	U
cis-1,2-Dichloroethylene	0.25	500	0.00230	U	0.00230	U	0.280	U	0.00250	U	0.00210	U	0.00230	U	0.290	U	0.00270	U	0.00260	U
cis-1,3-Dichloropropylene	~	~	0.00230	U	0.00230	U	0.280	U	0.00250	U	0.00210	U	0.00230	U	0.290	U	0.00270	U	0.00260	U
Cyclohexane	~	~	0.00230	U	0.00230	U	0.280	U	0.00520		0.00210	U	0.00230	U	0.290	U	0.00270	U	0.00260	U
Dibromochloromethane	~	~	0.00230	U	0.00230	U	0.280	U	0.00250	U	0.00210	U	0.00230	U	0.290	U	0.00270	U	0.00260	U
Dibromomethane	~	~	0.00230	U	0.00230	U	0.280	U	0.00250	U	0.00210	U	0.00230	U	0.290	U	0.00270	U	0.00260	U
Dichlorodifluoromethane	~	~	0.00230	U	0.00230	U	0.280	U	0.00250	U	0.00210	U	0.00230	U	0.290	U	0.00270	U	0.00260	U
Ethyl Benzene	1	390	0.00230	U	0.00230	U	0.280	U	0.00250	U	0.00210	U	0.00230	U	1	D	0.00270	U	0.00260	U
Hexachlorobutadiene	~	~	0.00230	U	0.00230	U	0.280	U	0.00250	U	0.00210	U	0.00230	U	0.290	U	0.00270	U	0.00260	U
Isopropylbenzene	~	~	0.00230	U	0.00230	U	0.280	U	0.00250	U	0.00210	U	0.00230	U	1.500	D	0.00270	U	0.00260	U
Methyl acetate	~	~	0.00230	U	0.00230	U	0.280	U	0.00250	U	0.00210	U	0.00230	U	0.290	U	0.00270	U	0.00260	U
Methyl tert-butyl ether (MTBE)	0.93	500	0.00230	U	0.00230	U	0.280	U	0.00250	U	0.00210	U	0.00230	U	0.290	U	0.00270	U	0.00260	U
Methylcyclohexane	~	~	0.00230	U	0.00230	U	0.280	U	0.00410	J	0.00210	U	0.00230	U	0.500	JD	0.00270	U	0.00260	U
Methylene chloride	0.05	500	0.00450	U	0.00460	U	0.560	U	0.00500	U	0.00430	U	**0.200**		0.580	U	0.0200		0.0260	
n-Butylbenzene	12	500	0.00230	U	0.00230	U	0.360	JD	0.00250	U	0.00210	U	0.00230	U	6.700	D	0.00270	U	0.00260	U
n-Propylbenzene	3.9	500	0.00230	U	0.00230	U	0.460	JD	0.00250	U	0.00210	U	0.00230	U	**6.700**	D	0.00270	U	0.00260	U
o-Xylene	~	~	0.00230	U	0.00230	U	0.280	U	0.00250	U	0.00210	U	0.00230	U	1.300	D	0.00270	U	0.00260	U
p- & m- Xylenes	~	~	0.00450	U	0.00460	U	0.560	U	0.00500	U	0.00430	U	0.00470	U	3.800	D	0.00540	U	0.00520	U
p-Isopropyltoluene	~	~	0.00230	U	0.00230	U	0.280	U	0.00250	U	0.00210	U	0.0140		1.900	D	0.00270	U	0.00260	U
sec-Butylbenzene	11	500	0.00230	U	0.00230	U	0.280	U	0.00250	U	0.00210	U	0.00230	U	2.700	D	0.00270	U	0.00260	U
Styrene	~	~	0.00230	U	0.00230	U	0.280	U	0.00250	U	0.00210	U	0.00230	U	0.290	U	0.00270	U	0.00260	U
tert-Butyl alcohol (TBA)	~	~	0.00230	U	0.00230	U	0.280	U	0.00250	U	0.00210	U	0.00230	U	0.290	U	0.00270	U	0.00260	U
tert-Butylbenzene	5.9	500	0.00230	U	0.00230	U	0.280	U	0.00250	U	0.00210	U	0.00230	U	0.290	U	0.00270	U	0.00260	U
Tetrachloroethylene	1.3	150	0.00230	U	0.00230	U	0.280	U	0.00250	U	0.00210	U	0.00230	U	0.290	U	0.00270	U	0.00260	U

Table 1

28 - 34 Pearl Street
Port Chester, New York

Summary Laboratory Analytical Results for Soil

Toluene	0.7	500	0.00230	U	0.00230	U	0.280	U	0.00250	U	0.00210	U	0.00230	U	0.290	U	0.00270	U	0.00260	U
trans-1,2-Dichloroethylene	0.19	500	0.00230	U	0.00230	U	0.280	U	0.00250	U	0.00210	U	0.00230	U	0.290	U	0.00270	U	0.00260	U
trans-1,3-Dichloropropylene	~	~	0.00230	U	0.00230	U	0.280	U	0.00250	U	0.00210	U	0.00230	U	0.290	U	0.00270	U	0.00260	U
trans-1,4-dichloro-2-butene	~	~	0.00230	U	0.00230	U	0.280	U	0.00250	U	0.00210	U	0.00230	U	0.290	U	0.00270	U	0.00260	U
Trichloroethylene	0.47	200	0.00230	U	0.00230	U	0.280	U	0.00250	U	0.00210	U	0.00230	U	0.290	U	0.00270	U	0.00260	U
Trichlorofluoromethane	~	~	0.00230	U	0.00230	U	0.280	U	0.00250	U	0.00210	U	0.00230	U	0.290	U	0.00270	U	0.00260	U
Vinyl Chloride	0.02	13	0.00230	U	0.00230	U	0.280	U	0.00250	U	0.00210	U	0.00230	U	0.290	U	0.00270	U	0.00260	U
Xylenes, Total	0.26	500	0.00680	U	0.00680	U	0.840	U	0.00760	U	0.00640	U	0.00700	U	**5.100**	D	0.00820	U	0.00780	U
Semi-Volatiles, 8270 - Comprehensive (mg/Kg)																				
1,1-Biphenyl	~	~	0.0455	U	0.0470	U	0.0467	U	0.0453	U	0.0443	U	0.0605	JD	0.667	D	0.0465	U	0.0444	U
1,2,4,5-Tetrachlorobenzene	~	~	0.0908	U	0.0938	U	0.0931	U	0.0903	U	0.0883	U	0.0947	U	0.0888	U	0.0929	U	0.0886	U
1,2,4-Trichlorobenzene	~	~	0.0455	U	0.0470	U	0.0467	U	0.0453	U	0.0443	U	0.0475	U	0.0445	U	0.0465	U	0.0444	U
1,2-Dichlorobenzene	1.1	500	0.0455	U	0.0470	U	0.0467	U	0.0453	U	0.0443	U	0.0475	U	0.0445	U	0.0465	U	0.0444	U
1,2-Diphenylhydrazine (as Azobenzene)	~	~	0.0455	U	0.0470	U	0.0467	U	0.0453	U	0.0443	U	0.0475	U	0.0445	U	0.0465	U	0.0444	U
1,3-Dichlorobenzene	2.4	280	0.0455	U	0.0470	U	0.0467	U	0.0453	U	0.0443	U	0.0475	U	0.0445	U	0.0465	U	0.0444	U
1,4-Dichlorobenzene	1.8	130	0.0455	U	0.0470	U	0.0467	U	0.0453	U	0.0443	U	0.0475	U	0.0445	U	0.0465	U	0.0444	U
2,3,4,6-Tetrachlorophenol	~	~	0.0908	U	0.0938	U	0.0931	U	0.0903	U	0.0883	U	0.0947	U	0.0888	U	0.0929	U	0.0886	U
2,4,5-Trichlorophenol	~	~	0.0455	U	0.0470	U	0.0467	U	0.0453	U	0.0443	U	0.0475	U	0.0445	U	0.0465	U	0.0444	U
2,4,6-Trichlorophenol	~	~	0.0455	U	0.0470	U	0.0467	U	0.0453	U	0.0443	U	0.0475	U	0.0445	U	0.0465	U	0.0444	U
2,4-Dichlorophenol	~	~	0.0455	U	0.0470	U	0.0467	U	0.0453	U	0.0443	U	0.0475	U	0.0445	U	0.0465	U	0.0444	U
2,4-Dimethylphenol	~	~	0.0455	U	0.0470	U	0.0467	U	0.0453	U	0.0443	U	0.0475	U	0.0445	U	0.0465	U	0.0444	U
2,4-Dinitrophenol	~	~	0.0908	U	0.0938	U	0.0931	U	0.0903	U	0.0883	U	0.0947	U	0.0888	U	0.0929	U	0.0886	U
2,4-Dinitrotoluene	~	~	0.0455	U	0.0470	U	0.0467	U	0.0453	U	0.0443	U	0.0475	U	0.0445	U	0.0465	U	0.0444	U
2,6-Dinitrotoluene	~	~	0.0455	U	0.0470	U	0.0467	U	0.0453	U	0.0443	U	0.0475	U	0.0445	U	0.0465	U	0.0444	U
2-Chloronaphthalene	~	~	0.0455	U	0.0470	U	0.0467	U	0.0453	U	0.0443	U	0.0475	U	0.0445	U	0.0465	U	0.0444	U
2-Chlorophenol	~	~	0.0455	U	0.0470	U	0.0467	U	0.0453	U	0.0443	U	0.0475	U	0.0445	U	0.0465	U	0.0444	U
2-Methylnaphthalene	~	~	0.0455	U	0.0470	U	0.367	D	0.0453	U	0.0443	U	1.280	D	19.800	D	0.0465	U	0.0444	U
2-Methylphenol	0.33	500	0.0455	U	0.0470	U	0.0467	U	0.0453	U	0.0443	U	0.0475	U	0.0445	U	0.0465	U	0.0444	U
2-Nitroaniline	~	~	0.0908	U	0.0938	U	0.0931	U	0.0903	U	0.0883	U	0.0947	U	0.0888	U	0.0929	U	0.0886	U
2-Nitrophenol	~	~	0.0455	U	0.0470	U	0.0467	U	0.0453	U	0.0443	U	0.0475	U	0.0445	U	0.0465	U	0.0444	U
3- & 4-Methylphenols	0.33	500	0.0455	U	0.0470	U	0.0467	U	0.0453	U	0.0443	U	0.0475	U	0.0445	U	0.0465	U	0.0444	U
3,3-Dichlorobenzidine	~	~	0.0455	U	0.0470	U	0.0467	U	0.0453	U	0.0443	U	0.0475	U	0.0445	U	0.0465	U	0.0444	U
3-Nitroaniline	~	~	0.0908	U	0.0938	U	0.0931	U	0.0903	U	0.0883	U	0.0947	U	0.0888	U	0.0929	U	0.0886	U
4,6-Dinitro-2-methylphenol	~	~	0.0908	U	0.0938	U	0.0931	U	0.0903	U	0.0883	U	0.0947	U	0.0888	U	0.0929	U	0.0886	U
4-Bromophenyl phenyl ether	~	~	0.0455	U	0.0470	U	0.0467	U	0.0453	U	0.0443	U	0.0475	U	0.0445	U	0.0465	U	0.0444	U
4-Chloro-3-methylphenol	~	~	0.0455	U	0.0470	U	0.0467	U	0.0453	U	0.0443	U	0.0475	U	0.0445	U	0.0465	U	0.0444	U
4-Chloroaniline	~	~	0.0455	U	0.0470	U	0.0467	U	0.0453	U	0.0443	U	0.0475	U	0.0445	U	0.0465	U	0.0444	U
4-Chlorophenyl phenyl ether	~	~	0.0455	U	0.0470	U	0.0467	U	0.0453	U	0.0443	U	0.0475	U	0.0445	U	0.0465	U	0.0444	U
4-Nitroaniline	~	~	0.0908	U	0.0938	U	0.0931	U	0.0903	U	0.0883	U	0.0947	U	0.0888	U	0.0929	U	0.0886	U
4-Nitrophenol	~	~	0.0908	U	0.0938	U	0.0931	U	0.0903	U	0.0883	U	0.0947	U	0.0888	U	0.0929	U	0.0886	U
Acenaphthene	20	500	0.0455	U	0.0470	U	0.0467	U	0.0453	U	0.0443	U	0.0475	U	0.335	D	0.0465	U	0.0444	U
Acenaphthylene	100	500	0.0455	U	0.0470	U	0.0467	U	0.0453	U	0.0443	U	0.0475	U	0.120	D	0.0465	U	0.0444	U
Acetophenone	~	~	0.0455	U	0.0470	U	0.0467	U	0.0453	U	0.0443	U	0.0475	U	0.0445	U	0.0465	U	0.0444	U
Aniline	~	~	0.182	U	0.188	U	0.187	U	0.181	U	0.177	U	0.190	U	0.178	U	0.186	U	0.177	U
Anthracene	100	500	0.0455	U	0.0470	U	0.0467	U	0.0453	U	0.0443	U	0.0628	JD	0.236	D	0.0465	U	0.0444	U
Atrazine	~	~	0.0455	U	0.0470	U	0.0467	U	0.0453	U	0.0443	U	0.0475	U	0.0445	U	0.0465	U	0.0444	U
Benzaldehyde	~	~	0.0455	U	0.0470	U	0.0467	U	0.0453	U	0.0443	U	0.0475	U	0.0445	U	0.0465	U	0.0444	U
Benzidine	~	~	0.182	U	0.188	U	0.187	U	0.181	U	0.177	U	0.190	U	0.178	U	0.186	U	0.177	U
Benzo(a)anthracene	1	5.6	0.0455	U	0.0470	U	0.0467	U	0.0527	JD	0.0443	U	0.0575	JD	0.0759	JD	0.193	D	0.0444	U
Benzo(a)pyrene	1	1	0.0455	U	0.0470	U	0.0467	U	0.0549	JD	0.0443	U	0.0475	U	0.0445	U	0.223	D	0.0444	U
Benzo(b)fluoranthene	1	5.6	0.0455	U	0.0470	U	0.0467	U	0.0453	U	0.0443	U	0.0475	U	0.0445	U	0.168	D	0.0444	U
Benzo(g,h,i)perylene	100	500	0.0455	U	0.0470	U	0.0467	U	0.0469	JD	0.0443	U	0.0696	JD	0.0445	U	0.180	D	0.0715	JD
Benzo(k)fluoranthene	0.8	56	0.0455	U	0.0470	U	0.0467	U	0.0453	U	0.0443	U	0.0475	U	0.0445	U	0.157	D	0.0444	U
Benzoic acid	~	~	0.0455	U	0.0470	U	0.0467	U	0.0453	U	0.0443	U	0.0475	U	0.0445	U	0.0465	U	0.0444	U
Benzyl alcohol	~	~	0.0455	U	0.0470	U	0.0467	U	0.0453	U	0.0443	U	0.0475	U	0.0445	U	0.0465	U	0.0444	U
Benzyl butyl phthalate	~	~	0.0455	U	0.0470	U	0.0467	U	0.357	D	0.0443	U	0.0475	U	0.0445	U	0.0465	U	0.0444	U
Bis(2-chloroethoxy)methane	~	~	0.0455	U	0.0470	U	0.0467	U	0.0453	U	0.0443	U	0.0475	U	0.0445	U	0.0465	U	0.0444	U
Bis(2-chloroethyl)ether	~	~	0.0455	U	0.0470	U	0.0467	U	0.0453	U	0.0443	U	0.0475	U	0.0445	U	0.0465	U	0.0444	U
Bis(2-chloroisopropyl)ether	~	~	0.0455	U	0.0470	U	0.0467	U	0.0453	U	0.0443	U	0.0475	U	0.0445	U	0.0465	U	0.0444	U
Bis(2-ethylhexyl)phthalate	~	~	0.0455	U	0.0470	U	0.0467	U	0.0453	U	0.0443	U	0.0475	U	0.0445	U	0.111	D	0.0510	JD
Caprolactam	~	~	0.0908	U	0.0938	U	0.0931	U	0.0903	U	0.0883	U	0.0947	U	0.0888	U	0.0929	U	0.0886	U
Carbazole	~	~	0.0455	U	0.0470	U	0.0467	U	0.0453	U	0.0443	U	0.0475	U	0.0445	U	0.0465	U	0.0444	U
Chrysene	1	56	0.0455	U	0.0470	U	0.0467	U	0.0520	JD	0.0443	U	0.0475	U	0.0674	JD	0.186	D	0.0444	U
Dibenzo(a,h)anthracene	0.33	0.56	0.0455	U	0.0470	U	0.0467	U	0.0453	U	0.0443	U	0.0475	U	0.0445	U	0.0482	JD	0.0444	U
Dibenzofuran	7	350	0.0455	U	0.0470	U	0.0467	U	0.0453	U	0.0443	U	0.0475	U	0.148	D	0.0465	U	0.0444	U
Diethyl phthalate	~	~	0.0455	U	0.0470	U	0.0467	U	0.0453	U	0.0443	U	0.0475	U	0.0445	U	0.0465	U	0.0444	U
Dimethyl phthalate	~	~	0.0455	U	0.0470	U	0.0467	U	0.0453	U	0.0443	U	0.0475	U	0.0445	U	0.0465	U	0.0444	U

Table 1

28 - 34 Pearl Street
Port Chester, New York

Summary Laboratory Analytical Results for Soil

Di-n-butyl phthalate	~	~	0.0455	U	0.0470	U	0.0467	U	0.0453	U	0.0443	U	0.0475	U	0.0445	U	0.0465	U	0.0630	JD
Di-n-octyl phthalate	~	~	0.0455	U	0.0470	U	0.0467	U	0.0453	U	0.0443	U	0.0475	U	0.0445	U	0.0465	U	0.0444	U
Diphenylamine	~	~	0.0908	U	0.0938	U	0.0931	U	0.0903	U	0.0883	U	0.0947	U	0.0888	U	0.0929	U	0.0886	U
Fluoranthene	100	500	0.0455	U	0.0470	U	0.0467	U	0.0982	D	0.0443	U	0.0825	JD	0.162	D	0.229	D	0.0444	U
Fluorene	30	500	0.0455	U	0.0470	U	0.0467	U	0.0453	U	0.0443	U	0.144	D	0.736	D	0.0465	U	0.0444	U
Hexachlorobenzene	0.33	6	0.0455	U	0.0470	U	0.0467	U	0.0453	U	0.0443	U	0.0475	U	0.0445	U	0.0465	U	0.0444	U
Hexachlorobutadiene	~	~	0.0455	U	0.0470	U	0.0467	U	0.0453	U	0.0443	U	0.0475	U	0.0445	U	0.0465	U	0.0444	U
Hexachlorocyclopentadiene	~	~	0.0455	U	0.0470	U	0.0467	U	0.0453	U	0.0443	U	0.0475	U	0.0445	U	0.0465	U	0.0444	U
Hexachloroethane	~	~	0.0455	U	0.0470	U	0.0467	U	0.0453	U	0.0443	U	0.0475	U	0.0445	U	0.0465	U	0.0444	U
Indeno(1,2,3-cd)pyrene	0.5	5.6	0.0455	U	0.0470	U	0.0467	U	0.0453	U	0.0443	U	0.0475	U	0.0445	U	0.134	D	0.0444	U
Isophorone	~	~	0.0455	U	0.0470	U	0.0467	U	0.0453	U	0.0443	U	0.0475	U	0.0445	U	0.0465	U	0.0444	U
Naphthalene	12	500	0.0455	U	0.0470	U	0.0573	JD	0.0453	U	0.0443	U	0.187	D	8.700	D	0.0465	U	0.0444	U
Nitrobenzene	~	~	0.0455	U	0.0470	U	0.0467	U	0.0453	U	0.0443	U	0.0475	U	0.0445	U	0.0465	U	0.0444	U
N-Nitrosodimethylamine	~	~	0.0455	U	0.0470	U	0.0467	U	0.0453	U	0.0443	U	0.0475	U	0.0445	U	0.0465	U	0.0444	U
N-nitroso-di-n-propylamine	~	~	0.0455	U	0.0470	U	0.0467	U	0.0453	U	0.0443	U	0.0475	U	0.0445	U	0.0465	U	0.0444	U
N-Nitrosodiphenylamine	~	~	0.0455	U	0.0470	U	0.0467	U	0.0453	U	0.0443	U	0.0475	U	0.0445	U	0.0465	U	0.0444	U
Pentachlorophenol	0.8	6.7	0.0455	U	0.0470	U	0.0467	U	0.0453	U	0.0443	U	0.0475	U	0.0445	U	0.0465	U	0.0444	U
Phenanthrene	100	500	0.0455	U	0.0470	U	0.0467	U	0.0874	JD	0.0443	U	0.145	D	1.160	D	0.0920	JD	0.0444	U
Phenol	0.33	500	0.0455	U	0.0470	U	0.0467	U	0.0453	U	0.0443	U	0.0475	U	0.0445	U	0.0465	U	0.0444	U
Pyrene	100	500	0.0455	U	0.0470	U	0.0467	U	0.0881	JD	0.0443	U	0.122	D	0.328	D	0.272	D	0.0444	U
Metals, Target Analyte (mg/Kg)																			
Aluminum	~	~	NT		NT		21,100	B	15,200	B	NT		13,700		NT		19,700		NT	
Antimony	~	~	NT		NT		2.810	U	2.730	U	NT		2.880	U	NT		2.790	U	NT	
Arsenic	13	16	NT		NT		1.690	U	4.320		NT		2.630		NT		6.650		NT	
Barium	350	400	NT		NT		150		86.500		NT		139		NT		208		NT	
Beryllium	7.2	590	NT		NT		0.0560	U	0.0550	U	NT		0.0580	U	NT		0.0560	U	NT	
Cadmium	2.5	9.3	NT		NT		0.337	U	0.328	U	NT		0.345	U	NT		0.335	U	NT	
Calcium	~	~	NT		NT		3,300		12,300		NT		25,600		NT		3,390		NT	
Chromium	~	~	NT		NT		41.100		22.300		NT		26.100		NT		29.200		NT	
Cobalt	~	~	NT		NT		20.500		13.600		NT		11.800		NT		11.800		NT	
Copper	50	270	NT		NT		**58.200**		46.500		NT		43.600	B	NT		46	B	NT	
Iron	~	~	NT		NT		36,000		26,700		NT		29,000		NT		23,000		NT	
Lead	63	1000	NT		NT		55.800		**85.200**		NT		**526**		NT		**406**		NT	
Magnesium	~	~	NT		NT		7,940		11,700		NT		11,900		NT		4,030		NT	
Manganese	1600	10000	NT		NT		633		347		NT		361		NT		401		NT	
Nickel	30	310	NT		NT		**39.500**		27.600		NT		29.400		NT		27.500		NT	
Potassium	~	~	NT		NT		6,300		3,620		NT		3,980		NT		1,690		NT	
Selenium	3.9	1500	NT		NT		2.810	U	2.730	U	NT		2.880	U	NT		2.790	U	NT	
Silver	2	1500	NT		NT		0.562	U	0.547	U	NT		0.575	U	NT		0.559	U	NT	
Sodium	~	~	NT		NT		569		756		NT		705		NT		137		NT	
Thallium	~	~	NT		NT		2.810	U	2.730	U	NT		2.880	U	NT		2.790	U	NT	
Vanadium	~	~	NT		NT		57.300		31.700		NT		30		NT		37.900		NT	
Zinc	109	10000	NT		NT		90		**126**		NT		**1,390**		NT		**257**		NT	
Mercury by 7473 (mg/Kg)																			
Mercury	0.18	2.8	NT		NT		0.126		0.177		NT		**0.314**		NT		**1.400**		NT	
Total Solids			%		%		%		%		%		%		%		%		%	
Dilution Factor			1		1		1		1		1		1		1		1		1	
% Solids	~	~	91.300		87.700		88.900		91.400		93.500		86.900		91.500		89.500		92	
Polychlorinated Biphenyls (PCB) (MG/KG)																			
Aroclor 1016	~	~	NT		NT		NT		NT		NT		NT		NT		0.0185	U	NT	
Aroclor 1221	~	~	NT		NT		NT		NT		NT		NT		NT		0.0185	U	NT	
Aroclor 1232	~	~	NT		NT		NT		NT		NT		NT		NT		0.0185	U	NT	
Aroclor 1242	~	~	NT		NT		NT		NT		NT		NT		NT		0.0185	U	NT	
Aroclor 1248	~	~	NT		NT		NT		NT		NT		NT		NT		0.0185	U	NT	
Aroclor 1254	~	~	NT		NT		NT		NT		NT		NT		NT		0.0185	U	NT	
Aroclor 1260	~	~	NT		NT		NT		NT		NT		NT		NT		0.0185	U	NT	
Total PCBs	0.1	1	NT		NT		NT		NT		NT		NT		NT		0.0185	U	NT	

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

EXCEEDS NYSDEC STANDARDS

Table 2

28 - 34 Pearl Street
Port Chester, New York

Summary Laboratory Analytical Results for Groundwater

Sample ID York ID Sampling Date Client Matrix	NYSDEC TOGS Standards and Guidance Values - GA	B-2 TW 20G0641-06 7/16/2020 12:00:00 AM Water		B-3 TW 20G0641-07 7/16/2020 12:00:00 AM Water	
Compound		Result	Q	Result	Q
Volatile Organics, 8260 - Comprehensive (ug/L)					
1,1,1,2-Tetrachloroethane	5	20	U	2	U
1,1,1-Trichloroethane	5	20	U	2	U
1,1,2,2-Tetrachloroethane	5	20	U	2	U
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	5	20	U	2	U
1,1,2-Trichloroethane	1	20	U	2	U
1,1-Dichloroethane	5	20	U	2	U
1,1-Dichloroethylene	5	20	U	2	U
1,2,3-Trichlorobenzene	5	20	U	2	U
1,2,3-Trichloropropane	0.04	20	U	**5**	D
1,2,4-Trichlorobenzene	5	20	U	2	U
1,2,4-Trimethylbenzene	5	20	U	**54**	D
1,2-Dibromo-3-chloropropane	0.04	20	U	2	U
1,2-Dibromoethane	0.0006	20	U	2	U
1,2-Dichlorobenzene	3	20	U	2	U
1,2-Dichloroethane	0.6	20	U	2	U
1,2-Dichloropropane	1	20	U	2	U
1,3,5-Trimethylbenzene	5	20	U	2	U
1,3-Dichlorobenzene	3	20	U	2	U
1,4-Dichlorobenzene	3	20	U	2	U
1,4-Dioxane	~	4,000	U	400	U
2-Butanone	50	20	U	2	U
2-Hexanone	50	20	U	2	U
4-Methyl-2-pentanone	~	20	U	2	U
Acetone	50	**1,200**	D	**510**	D
Acrolein	~	20	U	2	U
Acrylonitrile	~	20	U	2	U
Benzene	1	**32**	JD	**35**	D
Bromochloromethane	5	20	U	2	U
Bromodichloromethane	50	20	U	2	U
Bromoform	50	20	U	2	U
Bromomethane	5	20	U	2	U
Carbon disulfide	~	20	U	2	U
Carbon tetrachloride	5	20	U	2	U
Chlorobenzene	5	20	U	2	U
Chloroethane	5	20	U	2	U
Chloroform	7	20	U	2	U
Chloromethane	5	20	U	2	U
cis-1,2-Dichloroethylene	5	20	U	2	U
cis-1,3-Dichloropropylene	0.4	20	U	2	U
Cyclohexane	~	570	D	2	U
Dibromochloromethane	50	20	U	2	U
Dibromomethane	~	20	U	2	U
Dichlorodifluoromethane	5	20	U	2	U
Ethyl Benzene	5	20	U	**7.700**	D
Hexachlorobutadiene	0.5	20	U	2	U
Isopropylbenzene	5	**45**	JD	**23**	D
Methyl acetate	~	20	U	2	U
Methyl tert-butyl ether (MTBE)	10	20	U	2	U
Methylcyclohexane	~	20	U	2	U
Methylene chloride	5	**270**	D	**14**	JBD
n-Butylbenzene	5	20	U	**41**	D

Table 2

28 - 34 Pearl Street
Port Chester, New York

Summary Laboratory Analytical Results for Groundwater

Sample ID York ID Sampling Date Client Matrix	NYSDEC TOGS Standards and Guidance Values - GA	B-2 TW 20G0641-06 7/16/2020 12:00:00 AM Water		B-3 TW 20G0641-07 7/16/2020 12:00:00 AM Water	
Compound		Result	Q	Result	Q
n-Propylbenzene	5	**150**	D	**60**	D
o-Xylene	5	20	U	2	U
p- & m- Xylenes	5	50	U	**5.800**	JD
p-Isopropyltoluene	5	**27**	JD	**9.600**	D
sec-Butylbenzene	5	**140**	D	**43**	D
Styrene	5	20	U	2	U
tert-Butyl alcohol (TBA)	~	50	U	5	U
tert-Butylbenzene	5	20	U	2	U
Tetrachloroethylene	5	20	U	2	U
Toluene	5	20	U	2.300	JD
trans-1,2-Dichloroethylene	5	20	U	2	U
trans-1,3-Dichloropropylene	0.4	20	U	2	U
trans-1,4-dichloro-2-butene	~	20	U	2	U
Trichloroethylene	5	20	U	2	U
Trichlorofluoromethane	5	20	U	2	U
Vinyl Chloride	2	20	U	2	U
Xylenes, Total	5	60	U	6	U
SVOA, 8270 LOW MASTER (ug/L)					
1,1-Biphenyl	~	2.860	U	2.860	U
1,2,4,5-Tetrachlorobenzene	~	2.860	U	2.860	U
1,2,4-Trichlorobenzene	5	2.860	U	2.860	U
1,2-Dichlorobenzene	3	2.860	U	2.860	U
1,2-Diphenylhydrazine (as Azobenzene)	~	2.860	U	2.860	U
1,3-Dichlorobenzene	3	2.860	U	2.860	U
1,4-Dichlorobenzene	3	2.860	U	2.860	U
2,3,4,6-Tetrachlorophenol	~	2.860	U	2.860	U
2,4,5-Trichlorophenol	1	2.860	U	2.860	U
2,4,6-Trichlorophenol	1	2.860	U	2.860	U
2,4-Dichlorophenol	5	2.860	U	2.860	U
2,4-Dimethylphenol	50	2.860	U	2.860	U
2,4-Dinitrophenol	10	2.860	U	2.860	U
2,4-Dinitrotoluene	5	2.860	U	2.860	U
2,6-Dinitrotoluene	5	2.860	U	2.860	U
2-Chloronaphthalene	10	2.860	U	2.860	U
2-Chlorophenol	1	2.860	U	2.860	U
2-Methylnaphthalene	~	2.860	U	44.400	
2-Methylphenol	1	2.860	U	2.860	U
2-Nitroaniline	5	2.860	U	2.860	U
2-Nitrophenol	1	2.860	U	2.860	U
3- & 4-Methylphenols	1	2.860	U	2.860	U
3,3-Dichlorobenzidine	5	2.860	U	2.860	U
3-Nitroaniline	5	2.860	U	2.860	U
4,6-Dinitro-2-methylphenol	~	2.860	U	2.860	U
4-Bromophenyl phenyl ether	~	2.860	U	2.860	U
4-Chloro-3-methylphenol	1	2.860	U	2.860	U
4-Chloroaniline	5	2.860	U	2.860	U
4-Chlorophenyl phenyl ether	~	2.860	U	2.860	U
4-Nitroaniline	5	2.860	U	2.860	U
4-Nitrophenol	1	5.710	U	5.710	U
Acetophenone	~	2.860	U	2.860	U
Aniline	5	2.860	U	2.860	U
Benzaldehyde	~	2.860	U	2.860	U
Benzidine	~	5.710	U	5.710	U

Table 2

28 - 34 Pearl Street
Port Chester, New York

Summary Laboratory Analytical Results for Groundwater

Sample ID York ID Sampling Date Client Matrix	NYSDEC TOGS Standards and Guidance Values - GA	B-2 TW 20G0641-06 7/16/2020 12:00:00 AM Water		B-3 TW 20G0641-07 7/16/2020 12:00:00 AM Water	
Compound		Result	Q	Result	Q
Benzoic acid	~	2.860	U	2.860	U
Benzyl alcohol	~	2.860	U	2.860	U
Benzyl butyl phthalate	50	2.860	U	2.860	U
Bis(2-chloroethoxy)methane	5	2.860	U	2.860	U
Bis(2-chloroethyl)ether	1	1.140	U	1.140	U
Bis(2-chloroisopropyl)ether	5	2.860	U	2.860	U
Caprolactam	~	2.860	U	2.860	U
Carbazole	~	2.860	U	2.860	U
Dibenzofuran	~	2.860	U	2.860	U
Diethyl phthalate	50	2.860	U	2.860	U
Dimethyl phthalate	50	2.860	U	2.860	U
Di-n-butyl phthalate	50	2.860	U	2.860	U
Di-n-octyl phthalate	50	2.860	U	2.860	U
Hexachlorocyclopentadiene	5	5.710	U	5.710	U
Isophorone	50	2.860	U	2.860	U
N-nitroso-di-n-propylamine	~	2.860	U	2.860	U
N-Nitrosodiphenylamine	50	2.860	U	2.860	U
Phenol	1	2.860	U	2.860	U
SVOA, 8270 SIM MASTER	ug/L	ug/L		ug/L	
Acenaphthene	20	0.0571	U	2.010	
Acenaphthylene	~	0.0571	U	1.040	B
Anthracene	50	0.0571	U	1.440	
Atrazine	~	0.571	U	0.571	U
Benzo(a)anthracene	0.002	0.0571	U	0.320	
Benzo(a)pyrene	0.002	0.0571	U	0.149	
Benzo(b)fluoranthene	0.002	0.0571	U	0.137	
Benzo(g,h,i)perylene	~	0.0571	U	0.160	
Benzo(k)fluoranthene	0.002	0.0571	U	0.103	
Bis(2-ethylhexyl)phthalate	5	2.450		0.571	U
Chrysene	0.002	0.0571	U	0.251	
Dibenzo(a,h)anthracene	~	0.0571	U	0.0571	U
Fluoranthene	50	0.0571	U	1.290	
Fluorene	50	0.0571	U	3.970	
Hexachlorobenzene	0.04	0.0229	U	0.0229	U
Hexachlorobutadiene	0.5	0.571	U	0.571	U
Hexachloroethane	5	0.571	U	0.571	U
Indeno(1,2,3-cd)pyrene	0.002	0.0571	U	**0.0571**	
Naphthalene	10	0.0571	U	8.110	BD
Nitrobenzene	0.4	0.286	U	0.286	U
N-Nitrosodimethylamine	~	0.571	U	0.571	U
Pentachlorophenol	1	0.286	U	0.286	U
Phenanthrene	50	0.0571	U	5.420	
Pyrene	50	0.0571	U	1.300	

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

EXCEEDS NYSDEC STANDARDS

Table 3

28 - 34 Pearl Street
Port Chester, New York

Summary of Laboratory Analytical Results for Soil Vapor

Sample ID York ID Sampling Date Client Matrix	NYSDOH Background Standards - Outdoor Air - 25th Pctl	VP-3 20G1136-01 7/28/2020 Soil Vapor		VP-4 20G1136-02 7/28/2020 Soil Vapor		VP-2 20G1136-03 7/28/2020 Soil Vapor		VP-1 20G1136-04 7/28/2020 Soil Vapor		Outside 20G1136-05 7/28/2020 12:00:00 AM Outdoor Ambient Air	
Compound		Result	Q	Result	Q	Result	Q	Result	Q	Result	Q
Volatile Organics, EPA TO15 Full List (ug/m3)											
1,1,1,2-Tetrachloroethane	~	11	U	5.200	U	52	U	1.100	U	1.100	U
1,1,1-Trichloroethane	0.25	8.600	U	4.100	U	41	U	**1.500**	D	0.870	U
1,1,2,2-Tetrachloroethane	0.25	11	U	5.200	U	52	U	1.100	U	1.100	U
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	0.25	12	U	5.800	U	58	U	1.200	U	1.200	U
1,1,2-Trichloroethane	0.25	8.600	U	4.100	U	41	U	0.860	U	0.870	U
1,1-Dichloroethane	0.25	6.400	U	3	U	31	U	0.640	U	0.640	U
1,1-Dichloroethylene	0.25	1.600	U	0.740	U	7.500	U	0.160	U	0.160	U
1,2,4-Trichlorobenzene	0.25	12	U	5.600	U	56	U	1.200	U	1.200	U
1,2,4-Trimethylbenzene	0.25	**7.800**	J	3.700	U	**75**	D	**9.100**	D	**3.500**	D
1,2-Dibromoethane	0.25	12	U	5.800	U	58	U	1.200	U	1.200	U
1,2-Dichlorobenzene	0.25	9.500	U	4.500	U	46	U	0.950	U	0.950	U
1,2-Dichloroethane	0.25	6.400	U	**110**	D	31.000	U	0.640	U	0.640	U
1,2-Dichloropropane	0.25	7.300	U	3.500	U	35	U	0.730	U	0.730	U
1,2-Dichlorotetrafluoroethane	0.25	11	U	5.300	U	53	U	1.100	U	1.100	U
1,3,5-Trimethylbenzene	0.25	7.800	U	3.700	U	**400**	D	**9.100**	D	**0.940**	D
1,3-Butadiene	~	11	U	5	U	50	U	1	U	1.100	U
1,3-Dichlorobenzene	0.25	9.500	U	4.500	U	46	U	0.950	U	0.950	U
1,3-Dichloropropane	~	7.300	U	3.500	U	35	U	0.730	U	0.730	U
1,4-Dichlorobenzene	0.25	9.500	U	4.500	U	46	U	0.950	U	0.950	U
1,4-Dioxane	~	11	U	5.400	U	55	U	1.100	U	1.100	U
2-Butanone	0.25	**60**	D	**53**	D	22	U	**6**	D	**9.500**	D
2-Hexanone	~	13	J	14	D	62	U	1.400	D	1.300	U
3-Chloropropene	~	25	U	12	U	120	U	2.500	U	2.500	U
4-Methyl-2-pentanone	0.25	6.500	U	3.100	U	31	U	**0.970**	D	**0.650**	U
Acetone	3.40	**1,100**	D	**430**	D	**210**	D	**120**	D	**19**	D
Acrylonitrile	~	3.400	U	1.600	U	16	U	0.340	U	0.340	U
Benzene	0.6	**5.600**	D	**10**	D	**4,400**	D	**1.200**	D	**3.300**	D
Benzyl chloride	~	8.200	U	3.900	U	39	U	0.820	U	0.820	U
Bromodichloromethane	~	11	U	5	U	51	U	1.100	U	1.100	U
Bromoform	~	16	U	7.800	U	78	U	1.600	U	1.600	U
Bromomethane	0.25	6.100	U	2.900	U	29	U	0.610	U	**0.620**	U
Carbon disulfide	~	10	D	2.300	U	24	U	90	D	0.490	U
Carbon tetrachloride	0.25	2.500	U	1.200	U	12	U	0.250	U	**0.500**	D
Chlorobenzene	0.25	7.300	U	3.500	U	35	U	0.730	U	**0.730**	U
Chloroethane	0.25	4.200	U	2	U	20	U	0.420	U	0.420	U
Chloroform	0.25	**52**	D	3.700	U	37	U	**3.800**	D	0.770	U
Chloromethane	0.25	3.300	U	1.600	U	16	U	**1.300**	D	**1.500**	D
cis-1,2-Dichloroethylene	0.25	1.600	U	0.740	U	7.500	U	0.160	U	0.160	U
cis-1,3-Dichloropropylene	0.25	7.200	U	3.400	U	34	U	0.720	U	0.720	U

Table 3

28 - 34 Pearl Street
Port Chester, New York

Summary of Laboratory Analytical Results for Soil Vapor

Sample ID York ID Sampling Date Client Matrix	NYSDOH Background Standards - Outdoor Air - 25th Pctl	VP-3 20G1136-01 7/28/2020 Soil Vapor		VP-4 20G1136-02 7/28/2020 Soil Vapor		VP-2 20G1136-03 7/28/2020 Soil Vapor		VP-1 20G1136-04 7/28/2020 Soil Vapor		Outside 20G1136-05 7/28/2020 12:00:00 AM Outdoor Ambient Air	
Compound		Result	Q	Result	Q	Result	Q	Result	Q	Result	Q
Cyclohexane	0.25	**150**	D	2.60	U	**180,000**	D	**0.540**	J	**40**	D
Dibromochloromethane	~	13	U	6.400	U	65	U	1.300	U	1.400	U
Dichlorodifluoromethane	0.25	**22**	D	**3.700**	U	**38**	U	**2**	D	**2**	D
Ethyl acetate	~	11	U	5.400	U	55	U	1.100	J	1.100	J
Ethyl Benzene	0.25	**6.900**	U	**3.300**	U	**1,100**	D	**5.500**	D	**2.900**	D
Hexachlorobutadiene	0.25	**17**	U	**8**	U	**81**	U	**1.700**	U	**1.700**	U
Isopropanol	~	7.800	U	3.700	U	37	U	19	D	7.300	D
Methyl Methacrylate	0.25	6.500	U	3.100	U	31	U	**0.650**	J	0.650	U
Methyl tert-butyl ether (MTBE)	0.25	**6.300**	D	2.700	U	27	U	0.570	U	0.570	U
Methylene chloride	0.25	**11**	J	5.200	U	53	U	**1.400**	D	**1.500**	D
n-Heptane	0.25	**230**	D	**3.100**	J	**270,000**	D	**1.600**	D	**61**	D
n-Hexane	0.25	**430**	D	**4.200**	D	**530,000**	D	**2.200**	D	**120**	D
o-Xylene	0.25	**6.900**	J	**3.600**	D	**510**	D	**6.600**	D	**3.700**	D
p- & m- Xylenes	0.25	14.000	U	**6.500**	D	**1,900**	D	**5.700**	D	**9.900**	D
p-Ethyltoluene	~	7.800	U	3.700	U	470	D	16	D	3.500	D
Propylene	~	7.900	D	2.100	D	13	U	3.400	D	0.270	U
Styrene	0.25	6.700	U	3.200	U	32	U	**0.670**	J	0.680	U
Tetrachloroethylene	0.25	**1,100**	D	**230**	D	**51**	U	**250**	D	**2.600**	D
Tetrahydrofuran	0.25	9.300	U	4.400	U	45	U	0.930	U	0.940	U
Toluene	0.60	6	U	**13**	D	**130**	D	**4.800**	D	**14**	D
trans-1,2-Dichloroethylene	~	6.300	U	3	U	30	U	0.630	U	0.630	U
trans-1,3-Dichloropropylene	0.25	7.200	U	3.400	U	34	U	0.720	U	0.720	U
Trichloroethylene	0.25	**4.300**	D	1	U	10	U	0.210	U	0.210	U
Trichlorofluoromethane (Freon 11)	0.25	8.900	U	4.200	U	43	U	**1.500**	D	**1.400**	D
Vinyl acetate	~	5.600	U	2.600	U	27	U	0.560	U	0.560	U
Vinyl bromide	~	6.900	U	3.300	U	33	U	0.690	U	0.690	U
Vinyl Chloride	0.25	2	U	0.960	U	9.700	U	0.200	U	0.200	U

NOTES:
Any Regulatory Exceedences are color coded by Regulation

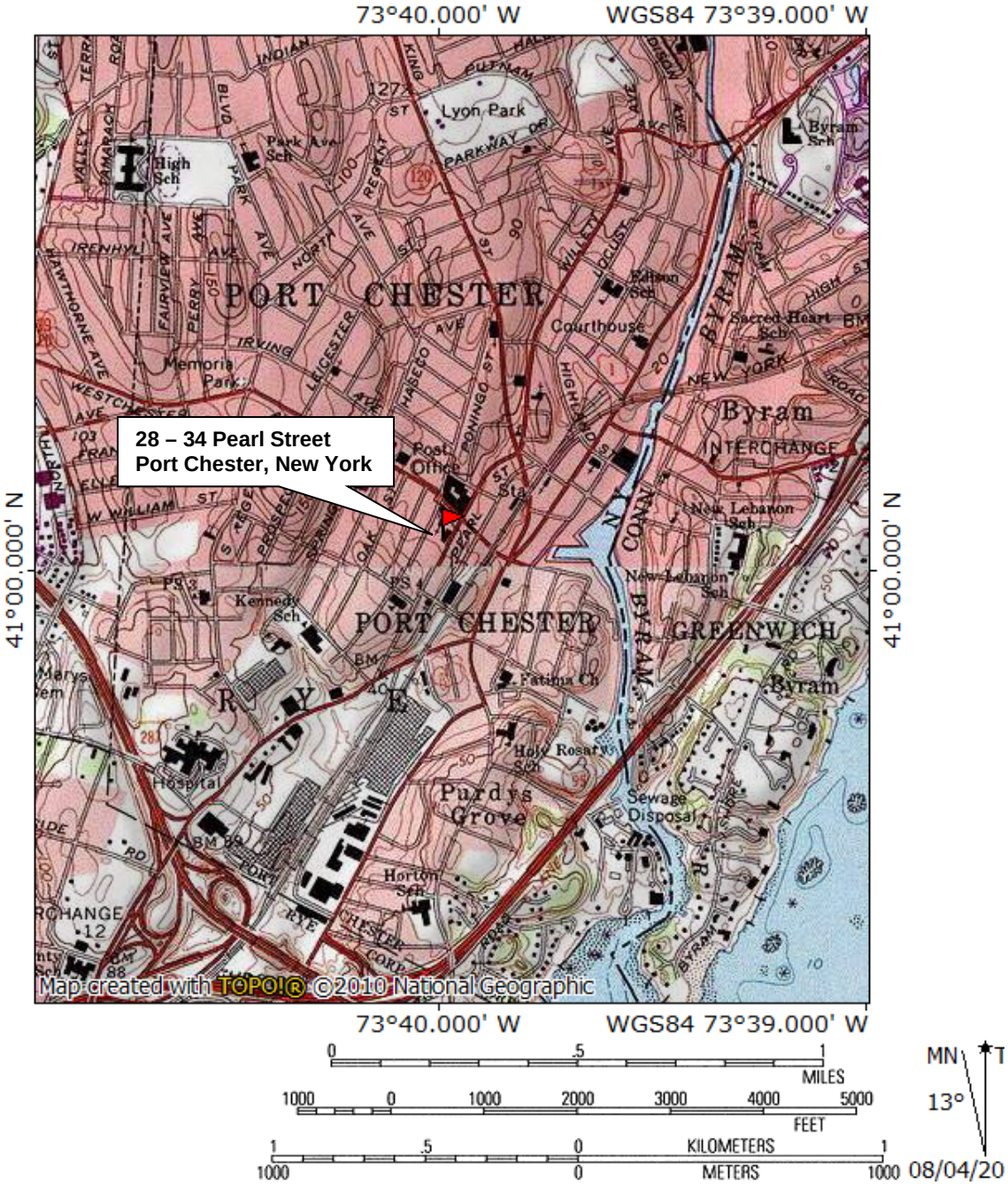
Q is the Qualifier Column with definitions as follows:
D=result is from an analysis that required a dilution
J=analyte detected at or above the MDL (method detection limit) but below the RL (Reporting Limit) - data is estimated
U=analyte not detected at or above the level indicated
B=analyte found in the analysis batch blank

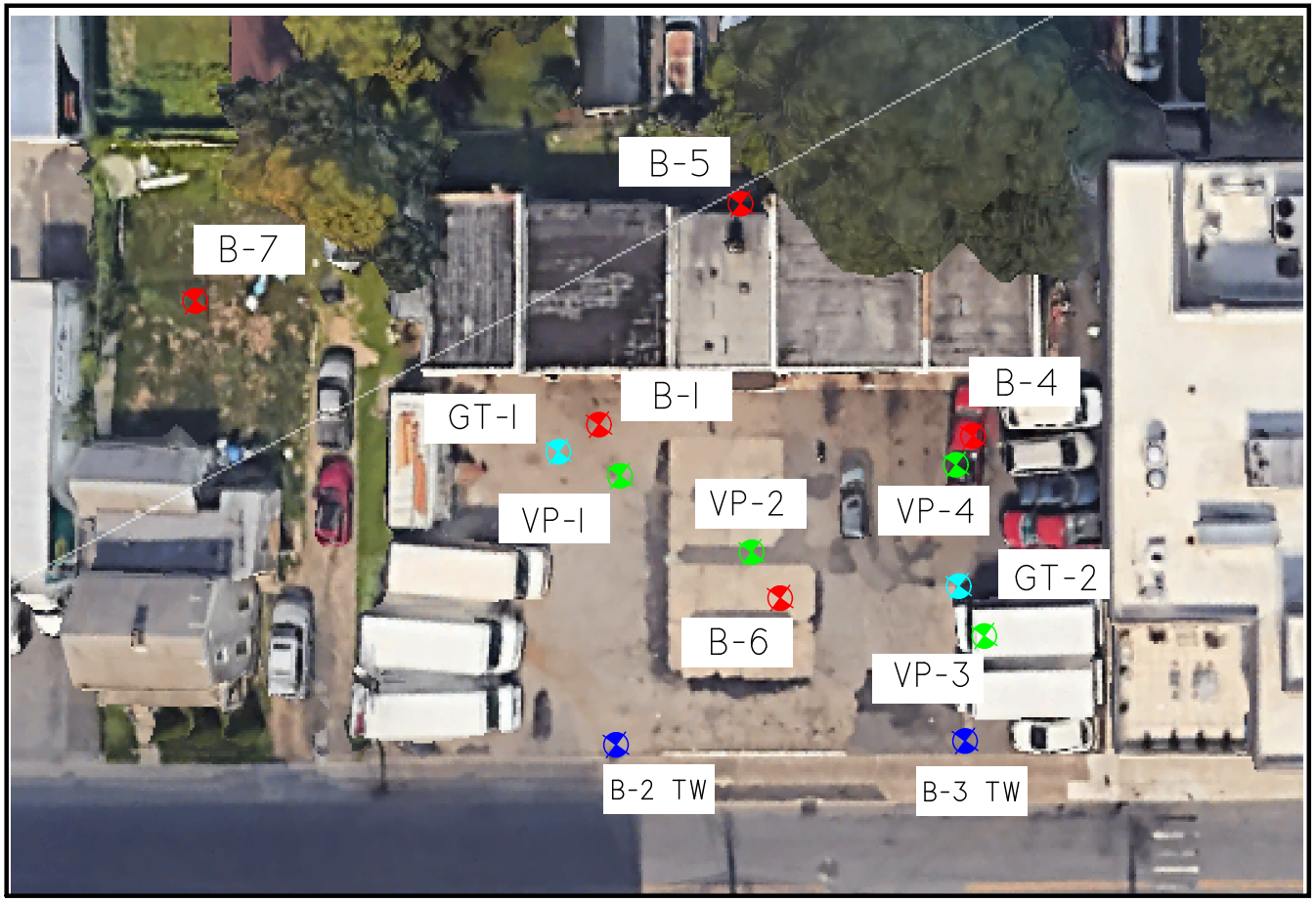
EXCEEDS NYSDEC STANDARDS

FIGURES

Figure 1

Site Location Map





LEGEND

- Boring Location: Ground boring installed to collect soil for PID field screening and laboratory analysis
- Boring Location: Ground boring installed to collect soil for PID field screening and laboratory analysis. Temporary well installed to collect groundwater for laboratory analysis
- Vapor Point Location: Ground boring installed to collect soil vapor for laboratory analysis
- Geotechnical Boring: Soil borings installed to collect rock coring to be analyzed for geotechnical parameters

SLOPE/ASSUMED GROUNDWATER FLOW

FIGURE 2

28 - 34 PEARL STREET PORT CHESTER, NEW YORK NYSDEC SPILL No. 2003263	GENERALIZED SITE PLAN	NOT TO SCALE PHASE II ESA	AUGUST 2020

HydroEnvironmental SOLUTIONS, INC.
One Deans Bridge Road
Somers, New York 10589

FIGURE 3 – PHOTO LOG

28 – 34 PEARL STREET
PORT CHESTER, NEW YORK

Photograph of boring B-1 being installed

Photograph of the B-2 TW boring location

Photographs taken during Phase II ESA field activities on July 16 and 23, 2020
HydroEnvironmental Solutions, Inc., One Deans Bridge Road, Somers, New York 10589

FIGURE 3 – PHOTO LOG

28 – 34 PEARL STREET
PORT CHESTER, NEW YORK

Photograph of the B-1 TW boring location

Photograph of the temporary 1-inch well installed in B-2 TW

Photographs taken during Phase II ESA field activities on July 16 and 23, 2020
HydroEnvironmental Solutions, Inc., One Deans Bridge Road, Somers, New York 10589

FIGURE 3 – PHOTO LOG

28 – 34 PEARL STREET
PORT CHESTER, NEW YORK

Photograph of the location of the B-4 borehole

Photograph of the B-5 borehole location

Photographs taken during Phase II ESA field activities on July 16 and 23, 2020
HydroEnvironmental Solutions, Inc., One Deans Bridge Road, Somers, New York 10589

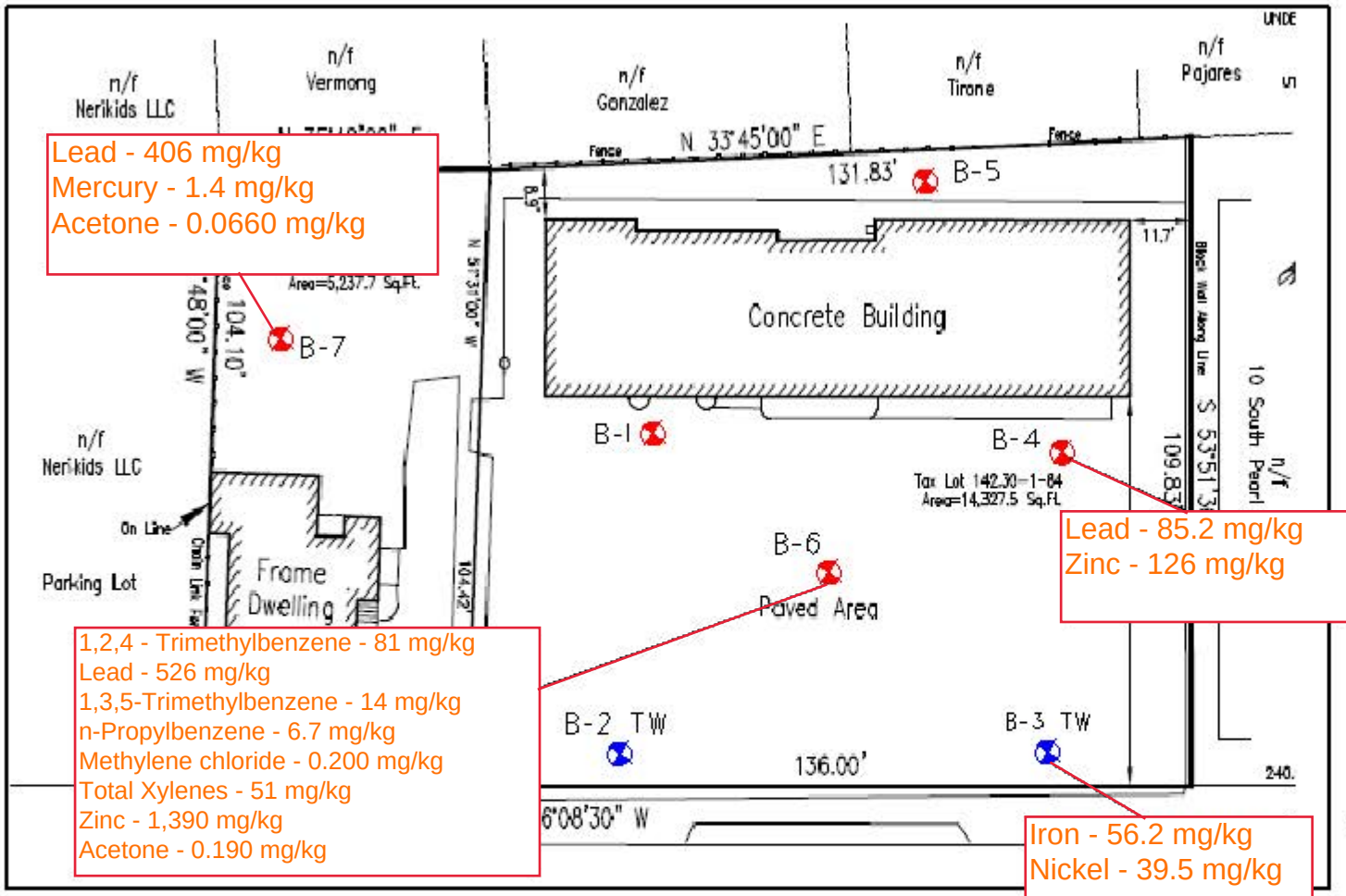
FIGURE 3 – PHOTO LOG

28 – 34 PEARL STREET
PORT CHESTER, NEW YORK

Photograph of the B-6 location

Photograph of the B-7 borehole location

Photographs taken during Phase II ESA field activities on July 16 and 23, 2020
HydroEnvironmental Solutions, Inc., One Deans Bridge Road, Somers, New York 10589



LEGEND

- Boring Location: Ground boring installed to collect soil for PID field screening and laboratory analysis
- Boring Location: Ground boring installed to collect soil for PID field screening and laboratory. Temporary well installed to collect groundwater for laboratory analysis

ALL COMPOUNDS IN ORNAGE EXCEED NYSDEC UUSCOs

SLOPE/ASSUMED GROUNDWATER FLOW

FIGURE 4

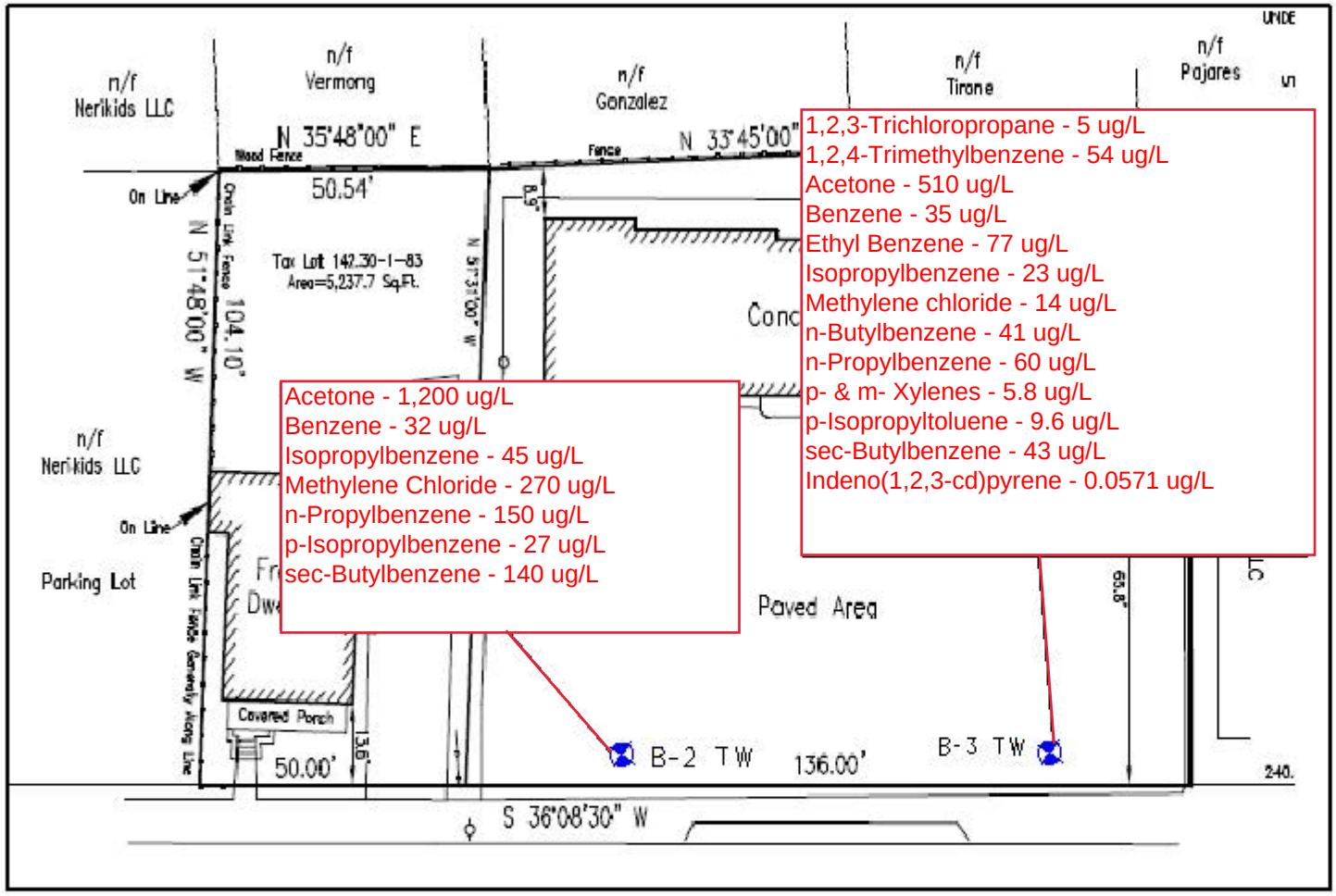
28 - 34 PEARL STREET
PORT CHESTER, NEW YORK

GENERALIZED SITE PLAN - ADAPTED FROM EDWARD T. GANNON, PLS SURVEY DATED 8.14.20

NOT TO SCALE | AUGUST 2020

SPIDER DIAGRAM
SOIL EXCEEDANCES

HydroEnvironmental SOLUTIONS, INC.
One Dunn Bridge Road
Bronxville, New York 10708



LEGEND

Boring Location:
Ground boring installed to collect soil for PID field screening and laboratory Temporary well installed to collect groundwater for laboratory analysis.

ALL COMPOUNDS IN RED EXCEED NYSDEC TOGS STANDARDS AND GUIDANCE VALUES

SLOPE/ASSUMED GROUNDWATER FLOW

FIGURE 5

28 - 34 PEARL STREET PORT CHESTER, NEW YORK	GENERALIZED SITE PLAN - ADAPTED FROM EDWARD T. GANNON, PLS SURVEY DATED 8.14.20	NOT TO SCALE / AUGUST 2020 SPIDER DIAGRAM GROUNDWATER EXCEEDANCES	HydroEnvironmental SOLUTIONS, INC.

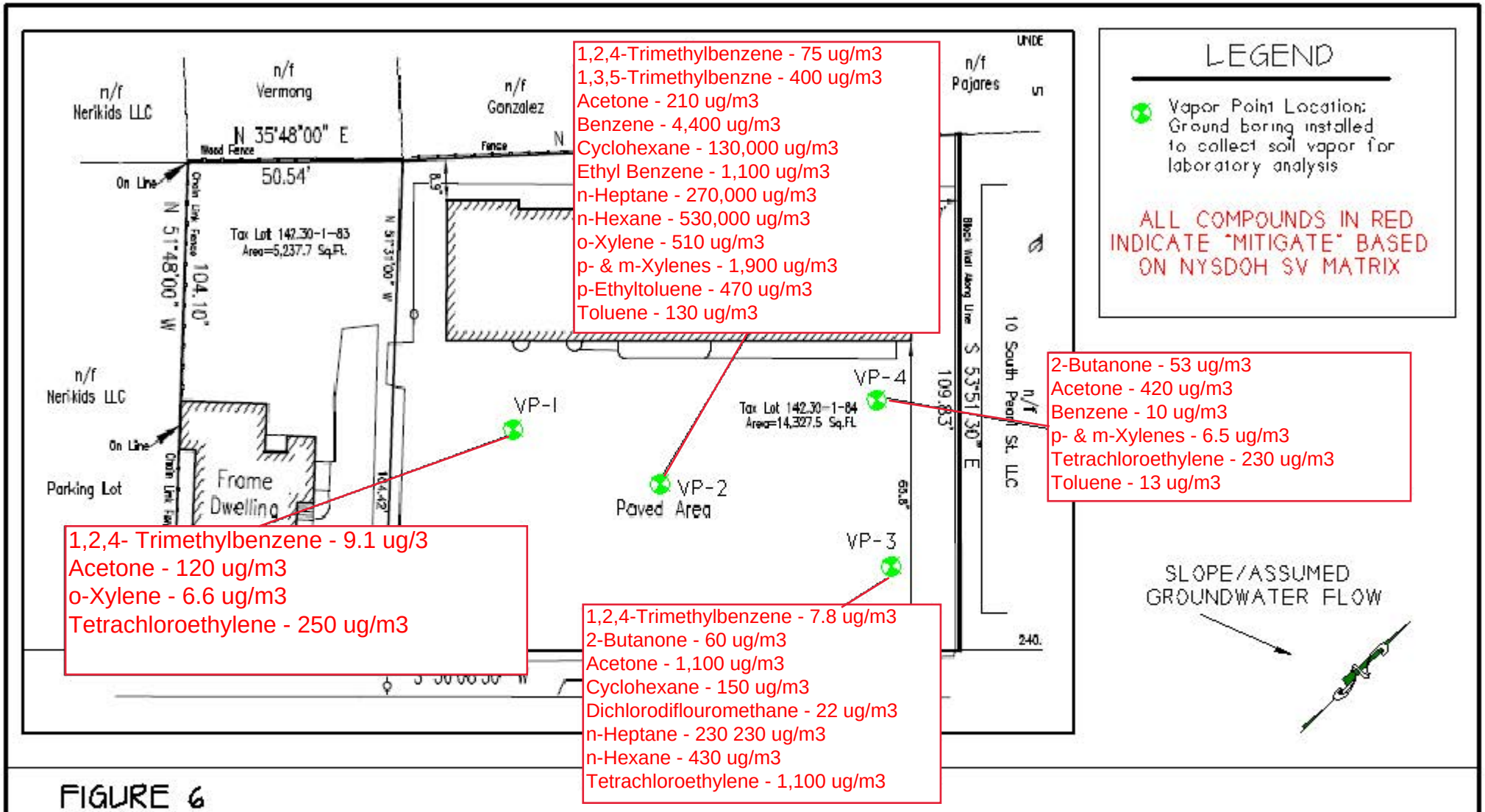


FIGURE 6

28 - 34 PEARL STREET
PORT CHESTER, NEW YORK

GENERALIZED SITE PLAN - ADAPTED FROM EDWARD T. GANNON, PLS SURVEY DATED 8.14.20

NOT TO SCALE | AUGUST 2020

SPIDER DIAGRAM
SOIL VAPOR EXCEEDANCES

HydroEnvironmental SOLUTIONS, INC.
One Dunes Bridge Road
Somers, New York 10589

APPENDICES

APPENDIX 1:

HydroEnvironmental Solutions, Inc.
Phase 1 ESA Report

APPENDIX 2:

Geologic Logs

GEOLOGIC LOG HydroEnvironmental SOLUTIONS, INC.	**CLIENT:** Mr. Stephen Matri, Jr. **WELL NO.:** B-1 **PAGE** 1 **OF** 1 **PAGES**
SITE LOCATION: 28 – 34 Pearl Street Port Chester, New York	**SCREEN SIZE & TYPE:** **SLOT NO.:** **SETTING**:
DATE COMPLETED: 7/16/20	**SAND PACK SIZE & TYPE:**
DRILLING COMPANY: HydroEnvironmental Solutions, Inc.	**SETTING:**
	CASING SIZE & TYPE:
DRILLING METHOD: GeoProbe 54 DT	**SETTING:**
SAMPLING METHOD: 1.25'' Stainless Steel Macro Core	**SEAL TYPE:**
DRILLER and/or OBSERVER: MJS, RJD	**SETTING:**
REFERENCE POINT (RP):	**BACKFILL TYPE**:
ELEVATION OF RP: Grade	**STATIC WATER LEVEL**:
STICK-UP: None	**DEVELOPMENT METHOD**:
SURFACE COMPLETION:	**DURATION**: – **YIELD**: –
NOTES: Phase II ESA; sampled at 4 – 6 ftbg	
ABBREVIATIONS: SS = split spoon W = wash C = cuttings G = grab ST = shelby tube **REC = Recovery PPM = parts per million ftbg = feet below grade MC = macro core sampler**	

DEPTH (FEET)		SAMPLE TYPE	BLOW COUNT	REC. (FEET)	PID READING (PPM)	DESCRIPTION
FROM	TO					
0	4	MC	-	3.75	0.3	(0 - 6''') FILL (ASPHALT, SILT), grey; dry; no odor
						(6'' – 4') SILT, GRAVEL (coarse, sub-rounded); light; brown; moist; no odor
4	6	MC	-	2	0.0	SILT, GRAVEL (coarse, sub-rounded),trace BEDROCK; light; brown; moist; no odor
						**Refusal at 6 ftbg

GEOLOGIC LOG HydroEnvironmental SOLUTIONS, INC.	**CLIENT:** Mr. Stephen Matri, Jr. **WELL NO.:** B-2 TW **PAGE** 1 **OF** 1 **PAGES**
SITE LOCATION: 28 – 34 Pearl Street Port Chester, New York	**SCREEN SIZE & TYPE:** 1'' Schedule 40 PVC **SLOT NO.:** 20 **SETTING**: 9.5 – 4'
DATE COMPLETED: 7/16/20	**SAND PACK SIZE & TYPE:**
DRILLING COMPANY: HydroEnvironmental Solutions, Inc.	**SETTING:**
	CASING SIZE & TYPE: 1'' Schedule 40 PVC
DRILLING METHOD: GeoProbe 54 DT	**SETTING:** 4 – 0'
SAMPLING METHOD: 1.25'' Stainless Steel Macro Core	**SEAL TYPE:**
DRILLER and/or OBSERVER: MJS, RJD	**SETTING:**
REFERENCE POINT (RP):	**BACKFILL TYPE**:
ELEVATION OF RP: Grade	**STATIC WATER LEVEL**: 9.1 ftbg
STICK-UP: None	**DEVELOPMENT METHOD**:
SURFACE COMPLETION:	**DURATION**: – **YIELD**: –
NOTES: Phase II ESA; sampled at 6 – 8'	
ABBREVIATIONS: SS = split spoon W = wash C = cuttings G = grab ST = shelby tube **REC = Recovery PPM = parts per million ftbg = feet below grade MC = macro core sampler**	

DEPTH (FEET)		SAMPLE TYPE	BLOW COUNT	REC. (FEET)	PID READING (PPM)	DESCRIPTION
FROM	TO					
0	4	MC	-	3.5	0.1	FILL (ASPHALT, GRAVEL, SILT), some SAND, trace SILT; grey-brown; moist; no odor
4	8	MC	-	4.0	0.0	SILT and SAND (fine to medium), some GRAVEL (medium, sub-angular), grey-brown; moist; no odor
8	9.5	MC	-	1.5	0.3	SILT and SAND (fine to medium), trace CLAY, trace WEATHERED ROCK; dark brown; moist-wet; no odor
						**Refusal at 9.5 ftbg

GEOLOGIC LOG HydroEnvironmental SOLUTIONS, INC.	**CLIENT:** Mr. Stephen Matri, Jr. **WELL NO.:** B-3 TW **PAGE** 1 **OF** 1 **PAGES**
SITE LOCATION: 28 – 34 Pearl Street Port Chester, New York	**SCREEN SIZE & TYPE:** 1'' Schedule 40 PVC **SLOT NO.:** 20 **SETTING**: 10 – 5'
DATE COMPLETED: 7/16/20	**SAND PACK SIZE & TYPE:**
DRILLING COMPANY: HydroEnvironmental Solutions, Inc.	**SETTING:**
	CASING SIZE & TYPE: 1'' Schedule 40 PVC
DRILLING METHOD: GeoProbe 54 DT	**SETTING:** 5 – 0'
SAMPLING METHOD: 1.25'' Stainless Steel Macro Core	**SEAL TYPE:**
DRILLER and/or OBSERVER: MJS, RJD	**SETTING:**
REFERENCE POINT (RP):	**BACKFILL TYPE**:
ELEVATION OF RP: Grade	**STATIC WATER LEVEL**: 9.1 ftbg
STICK-UP: None	**DEVELOPMENT METHOD**:
SURFACE COMPLETION:	**DURATION**: – **YIELD**: –
NOTES: Phase II ESA; sampled at 6 – 8'	
ABBREVIATIONS: SS = split spoon W = wash C = cuttings G = grab ST = shelby tube **REC = Recovery PPM = parts per million ftbg = feet below grade MC = macro core sampler**	

DEPTH (FEET)		SAMPLE TYPE	BLOW COUNT	REC. (FEET)	PID READING (PPM)	DESCRIPTION
FROM	TO					
0	4	MC	-	3.75	186.4	SILT and GRAVEL (medium – coarse, angular), trace WOOD; black; moist; strong odor
4	8	MC	-	3.5	298.1	SILT and GRAVEL (medium – coarse, angular); black; moist-wet; strong odor
8	10.5	MC	-	1.5	546.1	SILT and GRAVEL (medium – coarse, angular), trace WOOD; black; wet; strong odor
						**Refusal at 10.5 ftbg

GEOLOGIC LOG HydroEnvironmental SOLUTIONS, INC.	**CLIENT:** Mr. Stephen Matri, Jr. **WELL NO.:** B-4 **PAGE** 1 **OF** 1 **PAGES**
SITE LOCATION: 28 – 34 Pearl Street Port Chester, New York	**SCREEN SIZE & TYPE:** **SLOT NO.:** **SETTING**:
DATE COMPLETED: 7/16/20	**SAND PACK SIZE & TYPE:**
DRILLING COMPANY: HydroEnvironmental Solutions, Inc.	**SETTING:**
	CASING SIZE & TYPE:
DRILLING METHOD: GeoProbe 54 DT	**SETTING:**
SAMPLING METHOD: 1.25'' Stainless Steel Macro Core	**SEAL TYPE:**
DRILLER and/or OBSERVER: MJS, RJD	**SETTING:**
REFERENCE POINT (RP):	**BACKFILL TYPE**:
ELEVATION OF RP: Grade	**STATIC WATER LEVEL**:
STICK-UP: None	**DEVELOPMENT METHOD**:
SURFACE COMPLETION:	**DURATION**: – **YIELD**: –
NOTES: Phase II ESA; sampled at 7 – 9'	
ABBREVIATIONS: SS = split spoon W = wash C = cuttings G = grab ST = shelby tube **REC = Recovery PPM = parts per million ftbg = feet below grade MC = macro core sampler**	

DEPTH (FEET)		SAMPLE TYPE	BLOW COUNT	REC. (FEET)	PID READING (PPM)	DESCRIPTION
FROM	TO					
0	4	MC	-	3.5	0.7	SILT, some GRAVEL (medium – coarse, angular), trace SAND (fine); black-light brown; moist; no odor
4	8	MC	-	3.25	27.1	SILT and GRAVEL (coarse, angular), trace BRICK, trace SAND (fine); grey-brown; moist; mild odor
8	10	MC	-	2	11.7	SILT and GRAVEL (coarse, angular), trace BRICK, trace SAND (fine); grey-brown; moist; mild odor
						**Refusal at 10 ftbg

GEOLOGIC LOG HydroEnvironmental SOLUTIONS, INC.	**CLIENT:** Mr. Stephen Matri, Jr. **WELL NO.:** B-5 **PAGE** 1 **OF** 1 **PAGES**
SITE LOCATION: 28 – 34 Pearl Street Port Chester, New York	**SCREEN SIZE & TYPE:** **SLOT NO.:** **SETTING**:
DATE COMPLETED: 7/16/20	**SAND PACK SIZE & TYPE:**
DRILLING COMPANY: HydroEnvironmental Solutions, Inc.	**SETTING:**
	CASING SIZE & TYPE:
DRILLING METHOD: GeoProbe 54 DT	**SETTING:**
SAMPLING METHOD: 1.25'' Stainless Steel Macro Core	**SEAL TYPE:**
DRILLER and/or OBSERVER: MJS, RJD	**SETTING:**
REFERENCE POINT (RP):	**BACKFILL TYPE**:
ELEVATION OF RP: Grade	**STATIC WATER LEVEL**:
STICK-UP: None	**DEVELOPMENT METHOD**:
SURFACE COMPLETION:	**DURATION**: – **YIELD**: –
NOTES: Phase II ESA; sampled at 6 – 8'	
ABBREVIATIONS: SS = split spoon W = wash C = cuttings G = grab ST = shelby tube **REC = Recovery PPM = parts per million ftbg = feet below grade MC = macro core sampler**	

DEPTH (FEET)		SAMPLE TYPE	BLOW COUNT	REC. (FEET)	PID READING (PPM)	DESCRIPTION
FROM	TO					
0	4	MC	-	3.75	0.4	SILT and GRAVEL (fine to medium, angular), brown; moist; no odor
4	8	MC	-	3.25	0.2	SILT, some GRAVEL (fine, angular), light brown; moist; no odor
						**Refusal at 8 ftbg

GEOLOGIC LOG HydroEnvironmental SOLUTIONS, INC.	**CLIENT:** Mr. Stephen Matri, Jr. **WELL NO.:** B-6 **PAGE** 1 **OF** 1 **PAGES**
SITE LOCATION: 28 – 34 Pearl Street Port Chester, New York	**SCREEN SIZE & TYPE:** **SLOT NO.:** **SETTING**:
DATE COMPLETED: 7/16/20	**SAND PACK SIZE & TYPE:**
DRILLING COMPANY: HydroEnvironmental Solutions, Inc.	**SETTING:**
	CASING SIZE & TYPE:
DRILLING METHOD: GeoProbe 54 DT	**SETTING:**
SAMPLING METHOD: 1.25'' Stainless Steel Macro Core	**SEAL TYPE:**
DRILLER and/or OBSERVER: MJS, RJD	**SETTING:**
REFERENCE POINT (RP):	**BACKFILL TYPE**:
ELEVATION OF RP: Grade	**STATIC WATER LEVEL**:
STICK-UP: None	**DEVELOPMENT METHOD**:
SURFACE COMPLETION:	**DURATION**: – **YIELD**: –
NOTES: Phase II ESA; sampled at 0 – 2' and 6 – 8'	
ABBREVIATIONS: SS = split spoon W = wash C = cuttings G = grab ST = shelby tube **REC = Recovery PPM = parts per million ftbg = feet below grade MC = macro core sampler**	

DEPTH (FEET)		SAMPLE TYPE	BLOW COUNT	REC. (FEET)	PID READING (PPM)	DESCRIPTION
FROM	TO					
0	4	MC	-	1.5	293.8	SILT and SAND (medium), trace GRAVEL (coarse, angular); black; moist; strong odor
4	8	MC	-	3.75	488.7	SAND (medium), some SILT, some GRAVEL (medium to coarse, sub-angular); grey-black; moist; strong odor
						**Refusal at 8 ftbg

GEOLOGIC LOG HydroEnvironmental SOLUTIONS, INC.	**CLIENT:** Mr. Stephen Matri, Jr. **WELL NO.:** B-7 **PAGE** 1 **OF** 1 **PAGES**
SITE LOCATION: 28 – 34 Pearl Street Port Chester, New York	**SCREEN SIZE & TYPE:** **SLOT NO.:** **SETTING**:
DATE COMPLETED: 7/16/20	**SAND PACK SIZE & TYPE:**
DRILLING COMPANY: HydroEnvironmental Solutions, Inc.	**SETTING:**
	CASING SIZE & TYPE:
DRILLING METHOD: GeoProbe 54 DT	**SETTING:**
SAMPLING METHOD: 1.25'' Stainless Steel Macro Core	**SEAL TYPE:**
DRILLER and/or OBSERVER: MJS, RJD	**SETTING:**
REFERENCE POINT (RP):	**BACKFILL TYPE**:
ELEVATION OF RP: Grade	**STATIC WATER LEVEL**:
STICK-UP: None	**DEVELOPMENT METHOD**:
SURFACE COMPLETION:	**DURATION**: – **YIELD**: –
NOTES: Phase II ESA; sampled at 0 – 2' and 7 – 9'	
ABBREVIATIONS: SS = split spoon W = wash C = cuttings G = grab ST = shelby tube **REC = Recovery PPM = parts per million ftbg = feet below grade MC = macro core sampler**	

DEPTH (FEET)		SAMPLE TYPE	BLOW COUNT	REC. (FEET)	PID READING (PPM)	DESCRIPTION
FROM	TO					
0	4	MC	-	3.75	1.1	SILT and SAND (fine - medium), light brown; dry-moist; no odor
4	8	MC	-	4	0.9	SILT and SAND (fine - medium), light brown; moist; no odor
8	9.5	MC	-	1.5	1.1	SILT and SAND (fine - medium), light brown; moist; no odor
						**Refusal at 9.5 ftbg

GEOLOGIC LOG HydroEnvironmental SOLUTIONS, INC.	**CLIENT:** Mr. Stephen Matri, Jr. **WELL NO.:** GT-1 **PAGE** 1 **OF** 1 **PAGES**
SITE LOCATION: 28 – 34 Pearl Street Port Chester, New York	**SCREEN SIZE & TYPE:** **SLOT NO.:** **SETTING**:
DATE COMPLETED: 7/16/20	**SAND PACK SIZE & TYPE:**
DRILLING COMPANY: Soil Testing, Inc. Oxford, Connecticut	**SETTING:**
DRILLING METHOD: Dietrich D50	**CASING SIZE & TYPE:** **SETTING:**
SAMPLING METHOD: Hollow Steam Auger	**SEAL TYPE:**
DRILLER and/or OBSERVER: MJS	**SETTING:**
REFERENCE POINT (RP):	**BACKFILL TYPE**:
ELEVATION OF RP: Grade	**STATIC WATER LEVEL**:
STICK-UP: None	**DEVELOPMENT METHOD**:
SURFACE COMPLETION:	**DURATION**: – **YIELD**: –
NOTES: Phase II ESA; Geotechnical Borings	
ABBREVIATIONS: SS = split spoon W = wash C = cuttings G = grab ST = shelby tube **REC = Recovery PPM = parts per million ftbg = feet below grade MC = macro core sampler**	

DEPTH (FEET)		SAMPLE TYPE	BLOW COUNT	REC. (FEET)	PID READING (PPM)	DESCRIPTION
FROM	TO					
0	8	HSA	-	-	-	FILL
8	13	HSA	-	-	-	DECOMPOSED ROCK
13	33	HAS	-	-	-	CORE

GEOLOGIC LOG HydroEnvironmental SOLUTIONS, INC.	**CLIENT:** Mr. Stephen Matri, Jr. **WELL NO.:** GT-2 **PAGE** 1 **OF** 1 **PAGES**
SITE LOCATION: 28 – 34 Pearl Street Port Chester, New York	**SCREEN SIZE & TYPE:** **SLOT NO.:** **SETTING**:
DATE COMPLETED: 7/16/20	**SAND PACK SIZE & TYPE:**
DRILLING COMPANY: Soil Testing, Inc. Oxford, Connecticut	**SETTING:**
DRILLING METHOD: Dietrich D50	**CASING SIZE & TYPE:** **SETTING:**
SAMPLING METHOD: Hollow Steam Auger	**SEAL TYPE:**
DRILLER and/or OBSERVER: MJS	**SETTING:**
REFERENCE POINT (RP):	**BACKFILL TYPE**:
ELEVATION OF RP: Grade	**STATIC WATER LEVEL**:
STICK-UP: None	**DEVELOPMENT METHOD**:
SURFACE COMPLETION:	**DURATION**: – **YIELD**: –
NOTES: Phase II ESA; Geotechnical Borings	
ABBREVIATIONS: SS = split spoon W = wash C = cuttings G = grab ST = shelby tube **REC = Recovery PPM = parts per million ftbg = feet below grade MC = macro core sampler**	

DEPTH (FEET)		SAMPLE TYPE	BLOW COUNT	REC. (FEET)	PID READING (PPM)	DESCRIPTION
FROM	TO					
0	11	HSA	-	-	-	FILL
11	16	HSA	-	-	-	DECOMPOSED ROCK
16	36	HSA	-	-	-	CORE

APPENDIX 3:

Soil, Groundwater, and Soil Vapor Laboratory Analytical Reports

Technical Report

prepared for:

Hydro Environmental Solutions
One Deans Bridge Road
Somers NY, 10589
Attention: Bill Canavan

Report Date: 07/24/2020
Client Project ID: 28-34 Pearl Street Port Chester, New York
York Project (SDG) No.: 20G0641

Report Date: 07/24/2020
Client Project ID: 28-34 Pearl Street Port Chester, New York
York Project (SDG) No.: 20G0641

Hydro Environmental Solutions
One Deans Bridge Road
Somers NY, 10589
Attention: Bill Canavan

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 July 17, 2020 and listed below. The project was identified as your project: **28-34 Pearl Street Port Chester, New York**.

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.

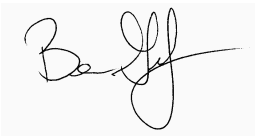
The results of the analyses, which are all reported on dry weight basis (soils) unless otherwise noted, are detailed in the following pages.

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
20G0641-01	B-1	Soil	07/16/2020	07/17/2020
20G0641-02	B-2	Soil	07/16/2020	07/17/2020
20G0641-03	B-3	Soil	07/16/2020	07/17/2020
20G0641-04	B-4	Soil	07/16/2020	07/17/2020
20G0641-05	B-5	Soil	07/16/2020	07/17/2020
20G0641-06	B-2 TW	Water	07/16/2020	07/17/2020
20G0641-07	B-3 TW	Water	07/16/2020	07/17/2020

General Notes for York Project (SDG) No.: 20G0641

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: 07/24/2020

Benjamin Gulizia
Laboratory Director

Sample Information

Client Sample ID: B-1 **York Sample ID:** 20G0641-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
20G0641	28-34 Pearl Street Port Chester, New York	Soil	July 16, 2020 12:00 am	07/17/2020

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	2.3	4.5	1	EPA 8260C Certifications:	07/20/2020 09:30	07/20/2020 17:44 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	SS
71-55-6	1,1,1-Trichloroethane	ND		ug/kg dry	2.3	4.5	1	EPA 8260C Certifications:	07/20/2020 09:30	07/20/2020 17:44 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	SS
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/kg dry	2.3	4.5	1	EPA 8260C Certifications:	07/20/2020 09:30	07/20/2020 17:44 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	SS
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/kg dry	2.3	4.5	1	EPA 8260C Certifications:	07/20/2020 09:30	07/20/2020 17:44 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP	SS
79-00-5	1,1,2-Trichloroethane	ND		ug/kg dry	2.3	4.5	1	EPA 8260C Certifications:	07/20/2020 09:30	07/20/2020 17:44 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	SS
75-34-3	1,1-Dichloroethane	ND		ug/kg dry	2.3	4.5	1	EPA 8260C Certifications:	07/20/2020 09:30	07/20/2020 17:44 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	SS
75-35-4	1,1-Dichloroethylene	ND		ug/kg dry	2.3	4.5	1	EPA 8260C Certifications:	07/20/2020 09:30	07/20/2020 17:44 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	SS
87-61-6	1,2,3-Trichlorobenzene	ND		ug/kg dry	2.3	4.5	1	EPA 8260C Certifications:	07/20/2020 09:30	07/20/2020 17:44 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	SS
96-18-4	1,2,3-Trichloropropane	ND		ug/kg dry	2.3	4.5	1	EPA 8260C Certifications:	07/20/2020 09:30	07/20/2020 17:44 NELAC-NY10854,NELAC-NY12058,NJDEP	SS
120-82-1	1,2,4-Trichlorobenzene	ND		ug/kg dry	2.3	4.5	1	EPA 8260C Certifications:	07/20/2020 09:30	07/20/2020 17:44 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	SS
95-63-6	1,2,4-Trimethylbenzene	ND		ug/kg dry	2.3	4.5	1	EPA 8260C Certifications:	07/20/2020 09:30	07/20/2020 17:44 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	SS
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/kg dry	2.3	4.5	1	EPA 8260C Certifications:	07/20/2020 09:30	07/20/2020 17:44 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	SS
106-93-4	1,2-Dibromoethane	ND		ug/kg dry	2.3	4.5	1	EPA 8260C Certifications:	07/20/2020 09:30	07/20/2020 17:44 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	SS
95-50-1	1,2-Dichlorobenzene	ND		ug/kg dry	2.3	4.5	1	EPA 8260C Certifications:	07/20/2020 09:30	07/20/2020 17:44 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	SS
107-06-2	1,2-Dichloroethane	ND		ug/kg dry	2.3	4.5	1	EPA 8260C Certifications:	07/20/2020 09:30	07/20/2020 17:44 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	SS
78-87-5	1,2-Dichloropropane	ND		ug/kg dry	2.3	4.5	1	EPA 8260C Certifications:	07/20/2020 09:30	07/20/2020 17:44 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	SS
108-67-8	1,3,5-Trimethylbenzene	ND		ug/kg dry	2.3	4.5	1	EPA 8260C Certifications:	07/20/2020 09:30	07/20/2020 17:44 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	SS
541-73-1	1,3-Dichlorobenzene	ND		ug/kg dry	2.3	4.5	1	EPA 8260C Certifications:	07/20/2020 09:30	07/20/2020 17:44 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	SS
106-46-7	1,4-Dichlorobenzene	ND		ug/kg dry	2.3	4.5	1	EPA 8260C Certifications:	07/20/2020 09:30	07/20/2020 17:44 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	SS
123-91-1	1,4-Dioxane	ND		ug/kg dry	45	91	1	EPA 8260C Certifications:	07/20/2020 09:30	07/20/2020 17:44 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	SS
78-93-3	2-Butanone	ND		ug/kg dry	2.3	4.5	1	EPA 8260C Certifications:	07/20/2020 09:30	07/20/2020 17:44 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	SS
591-78-6	2-Hexanone	ND		ug/kg dry	2.3	4.5	1	EPA 8260C Certifications:	07/20/2020 09:30	07/20/2020 17:44 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	SS

Sample Information

Client Sample ID: B-1 **York Sample ID:** 20G0641-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
20G0641	28-34 Pearl Street Port Chester, New York	Soil	July 16, 2020 12:00 am	07/17/2020

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	2.3	4.5	1	EPA 8260C Certifications:	07/20/2020 09:30	07/20/2020 17:44	SS CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
67-64-1	Acetone	ND		ug/kg dry	4.5	9.1	1	EPA 8260C Certifications:	07/20/2020 09:30	07/20/2020 17:44	SS CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
107-02-8	Acrolein	ND		ug/kg dry	4.5	9.1	1	EPA 8260C Certifications:	07/20/2020 09:30	07/20/2020 17:44	SS CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
107-13-1	Acrylonitrile	ND		ug/kg dry	2.3	4.5	1	EPA 8260C Certifications:	07/20/2020 09:30	07/20/2020 17:44	SS CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
71-43-2	Benzene	ND		ug/kg dry	2.3	4.5	1	EPA 8260C Certifications:	07/20/2020 09:30	07/20/2020 17:44	SS CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
74-97-5	Bromochloromethane	ND		ug/kg dry	2.3	4.5	1	EPA 8260C Certifications:	07/20/2020 09:30	07/20/2020 17:44	SS NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
75-27-4	Bromodichloromethane	ND		ug/kg dry	2.3	4.5	1	EPA 8260C Certifications:	07/20/2020 09:30	07/20/2020 17:44	SS CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
75-25-2	Bromoform	ND		ug/kg dry	2.3	4.5	1	EPA 8260C Certifications:	07/20/2020 09:30	07/20/2020 17:44	SS CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
74-83-9	Bromomethane	ND		ug/kg dry	2.3	4.5	1	EPA 8260C Certifications:	07/20/2020 09:30	07/20/2020 17:44	SS CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
75-15-0	**Carbon disulfide**	**5.5**	CCV-E, B	ug/kg dry	2.3	4.5	1	EPA 8260C Certifications:	07/20/2020 09:30	07/20/2020 17:44	SS CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
56-23-5	Carbon tetrachloride	ND		ug/kg dry	2.3	4.5	1	EPA 8260C Certifications:	07/20/2020 09:30	07/20/2020 17:44	SS CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
108-90-7	Chlorobenzene	ND		ug/kg dry	2.3	4.5	1	EPA 8260C Certifications:	07/20/2020 09:30	07/20/2020 17:44	SS CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
75-00-3	Chloroethane	ND		ug/kg dry	2.3	4.5	1	EPA 8260C Certifications:	07/20/2020 09:30	07/20/2020 17:44	SS CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
67-66-3	Chloroform	ND		ug/kg dry	2.3	4.5	1	EPA 8260C Certifications:	07/20/2020 09:30	07/20/2020 17:44	SS CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
74-87-3	Chloromethane	ND		ug/kg dry	2.3	4.5	1	EPA 8260C Certifications:	07/20/2020 09:30	07/20/2020 17:44	SS CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
156-59-2	cis-1,2-Dichloroethylene	ND		ug/kg dry	2.3	4.5	1	EPA 8260C Certifications:	07/20/2020 09:30	07/20/2020 17:44	SS CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/kg dry	2.3	4.5	1	EPA 8260C Certifications:	07/20/2020 09:30	07/20/2020 17:44	SS CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
110-82-7	Cyclohexane	ND		ug/kg dry	2.3	4.5	1	EPA 8260C Certifications:	07/20/2020 09:30	07/20/2020 17:44	SS NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
124-48-1	Dibromochloromethane	ND		ug/kg dry	2.3	4.5	1	EPA 8260C Certifications:	07/20/2020 09:30	07/20/2020 17:44	SS NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
74-95-3	Dibromomethane	ND		ug/kg dry	2.3	4.5	1	EPA 8260C Certifications:	07/20/2020 09:30	07/20/2020 17:44	SS NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
75-71-8	Dichlorodifluoromethane	ND		ug/kg dry	2.3	4.5	1	EPA 8260C Certifications:	07/20/2020 09:30	07/20/2020 17:44	SS NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
100-41-4	Ethyl Benzene	ND		ug/kg dry	2.3	4.5	1	EPA 8260C Certifications:	07/20/2020 09:30	07/20/2020 17:44	SS CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
87-68-3	Hexachlorobutadiene	ND		ug/kg dry	2.3	4.5	1	EPA 8260C Certifications:	07/20/2020 09:30	07/20/2020 17:44	SS NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP

Sample Information

Client Sample ID: B-1 **York Sample ID:** 20G0641-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
20G0641	28-34 Pearl Street Port Chester, New York	Soil	July 16, 2020 12:00 am	07/17/2020

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	2.3	4.5	1	EPA 8260C Certifications:	07/20/2020 09:30	07/20/2020 17:44	SS CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
79-20-9	Methyl acetate	ND		ug/kg dry	2.3	4.5	1	EPA 8260C Certifications:	07/20/2020 09:30	07/20/2020 17:44	SS NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/kg dry	2.3	4.5	1	EPA 8260C Certifications:	07/20/2020 09:30	07/20/2020 17:44	SS CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
108-87-2	Methylcyclohexane	ND		ug/kg dry	2.3	4.5	1	EPA 8260C Certifications:	07/20/2020 09:30	07/20/2020 17:44	SS NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
75-09-2	Methylene chloride	ND		ug/kg dry	4.5	9.1	1	EPA 8260C Certifications:	07/20/2020 09:30	07/20/2020 17:44	SS CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
104-51-8	n-Butylbenzene	ND		ug/kg dry	2.3	4.5	1	EPA 8260C Certifications:	07/20/2020 09:30	07/20/2020 17:44	SS CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
103-65-1	n-Propylbenzene	ND		ug/kg dry	2.3	4.5	1	EPA 8260C Certifications:	07/20/2020 09:30	07/20/2020 17:44	SS CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
95-47-6	o-Xylene	ND		ug/kg dry	2.3	4.5	1	EPA 8260C Certifications:	07/20/2020 09:30	07/20/2020 17:44	SS CTDOH,NELAC-NY10854,NELAC-NY12058,PADEP
179601-23-1	p- & m- Xylenes	ND		ug/kg dry	4.5	9.1	1	EPA 8260C Certifications:	07/20/2020 09:30	07/20/2020 17:44	SS CTDOH,NELAC-NY10854,NELAC-NY12058,PADEP
99-87-6	p-Isopropyltoluene	ND		ug/kg dry	2.3	4.5	1	EPA 8260C Certifications:	07/20/2020 09:30	07/20/2020 17:44	SS CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
135-98-8	sec-Butylbenzene	ND		ug/kg dry	2.3	4.5	1	EPA 8260C Certifications:	07/20/2020 09:30	07/20/2020 17:44	SS CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
100-42-5	Styrene	ND		ug/kg dry	2.3	4.5	1	EPA 8260C Certifications:	07/20/2020 09:30	07/20/2020 17:44	SS CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
75-65-0	tert-Butyl alcohol (TBA)	ND		ug/kg dry	2.3	23	1	EPA 8260C Certifications:	07/20/2020 09:30	07/20/2020 17:44	SS NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
98-06-6	tert-Butylbenzene	ND		ug/kg dry	2.3	4.5	1	EPA 8260C Certifications:	07/20/2020 09:30	07/20/2020 17:44	SS CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
127-18-4	Tetrachloroethylene	ND		ug/kg dry	2.3	4.5	1	EPA 8260C Certifications:	07/20/2020 09:30	07/20/2020 17:44	SS CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
108-88-3	Toluene	ND		ug/kg dry	2.3	4.5	1	EPA 8260C Certifications:	07/20/2020 09:30	07/20/2020 17:44	SS CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
156-60-5	trans-1,2-Dichloroethylene	ND		ug/kg dry	2.3	4.5	1	EPA 8260C Certifications:	07/20/2020 09:30	07/20/2020 17:44	SS CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/kg dry	2.3	4.5	1	EPA 8260C Certifications:	07/20/2020 09:30	07/20/2020 17:44	SS CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
110-57-6	* trans-1,4-dichloro-2-butene	ND		ug/kg dry	2.3	4.5	1	EPA 8260C Certifications:	07/20/2020 09:30	07/20/2020 17:44	SS CTDOH
79-01-6	Trichloroethylene	ND		ug/kg dry	2.3	4.5	1	EPA 8260C Certifications:	07/20/2020 09:30	07/20/2020 17:44	SS CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
75-69-4	Trichlorofluoromethane	ND		ug/kg dry	2.3	4.5	1	EPA 8260C Certifications:	07/20/2020 09:30	07/20/2020 17:44	SS CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
75-01-4	Vinyl Chloride	ND		ug/kg dry	2.3	4.5	1	EPA 8260C Certifications:	07/20/2020 09:30	07/20/2020 17:44	SS CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
1330-20-7	Xylenes, Total	ND		ug/kg dry	6.8	14	1	EPA 8260C Certifications:	07/20/2020 09:30	07/20/2020 17:44	SS CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP

Surrogate Recoveries	Result	Acceptance Range

Sample Information

Client Sample ID: B-1 **York Sample ID:** 20G0641-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
20G0641	28-34 Pearl Street Port Chester, New York	Soil	July 16, 2020 12:00 am	07/17/2020

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*	*98.7 %*			*77-125*						
2037-26-5	*Surrogate: SURR: Toluene-d8*	*96.8 %*			*85-120*						
460-00-4	*Surrogate: SURR: p-Bromofluorobenzene*	*95.5 %*			*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	45.5	90.8	2	EPA 8270D Certifications:	07/22/2020 05:28 NELAC-NY10854,NJDEP,PADEP	07/22/2020 17:48	KH
95-94-3	1,2,4,5-Tetrachlorobenzene	ND		ug/kg dry	90.8	181	2	EPA 8270D Certifications:	07/22/2020 05:28 NELAC-NY10854,NJDEP,PADEP	07/22/2020 17:48	KH
120-82-1	1,2,4-Trichlorobenzene	ND		ug/kg dry	45.5	90.8	2	EPA 8270D Certifications:	07/22/2020 05:28 CTDOH,NELAC-NY10854,NJDEP,PADEP	07/22/2020 17:48	KH
95-50-1	1,2-Dichlorobenzene	ND		ug/kg dry	45.5	90.8	2	EPA 8270D Certifications:	07/22/2020 05:28 NELAC-NY10854,PADEP	07/22/2020 17:48	KH
122-66-7	1,2-Diphenylhydrazine (as Azobenzene)	ND		ug/kg dry	45.5	90.8	2	EPA 8270D Certifications:	07/22/2020 05:28 NELAC-NY10854,NJDEP,PADEP	07/22/2020 17:48	KH
541-73-1	1,3-Dichlorobenzene	ND		ug/kg dry	45.5	90.8	2	EPA 8270D Certifications:	07/22/2020 05:28 NELAC-NY10854,PADEP	07/22/2020 17:48	KH
106-46-7	1,4-Dichlorobenzene	ND		ug/kg dry	45.5	90.8	2	EPA 8270D Certifications:	07/22/2020 05:28 NELAC-NY10854,PADEP	07/22/2020 17:48	KH
58-90-2	2,3,4,6-Tetrachlorophenol	ND		ug/kg dry	90.8	181	2	EPA 8270D Certifications:	07/22/2020 05:28 NELAC-NY10854,NJDEP,PADEP	07/22/2020 17:48	KH
95-95-4	2,4,5-Trichlorophenol	ND		ug/kg dry	45.5	90.8	2	EPA 8270D Certifications:	07/22/2020 05:28 CTDOH,NELAC-NY10854,NJDEP,PADEP	07/22/2020 17:48	KH
88-06-2	2,4,6-Trichlorophenol	ND		ug/kg dry	45.5	90.8	2	EPA 8270D Certifications:	07/22/2020 05:28 CTDOH,NELAC-NY10854,NJDEP,PADEP	07/22/2020 17:48	KH
120-83-2	2,4-Dichlorophenol	ND		ug/kg dry	45.5	90.8	2	EPA 8270D Certifications:	07/22/2020 05:28 CTDOH,NELAC-NY10854,NJDEP,PADEP	07/22/2020 17:48	KH
105-67-9	2,4-Dimethylphenol	ND		ug/kg dry	45.5	90.8	2	EPA 8270D Certifications:	07/22/2020 05:28 CTDOH,NELAC-NY10854,NJDEP,PADEP	07/22/2020 17:48	KH
51-28-5	2,4-Dinitrophenol	ND		ug/kg dry	90.8	181	2	EPA 8270D Certifications:	07/22/2020 05:28 CTDOH,NELAC-NY10854,NJDEP,PADEP	07/22/2020 17:48	KH
121-14-2	2,4-Dinitrotoluene	ND		ug/kg dry	45.5	90.8	2	EPA 8270D Certifications:	07/22/2020 05:28 CTDOH,NELAC-NY10854,NJDEP,PADEP	07/22/2020 17:48	KH
606-20-2	2,6-Dinitrotoluene	ND		ug/kg dry	45.5	90.8	2	EPA 8270D Certifications:	07/22/2020 05:28 CTDOH,NELAC-NY10854,NJDEP,PADEP	07/22/2020 17:48	KH
91-58-7	2-Chloronaphthalene	ND		ug/kg dry	45.5	90.8	2	EPA 8270D Certifications:	07/22/2020 05:28 CTDOH,NELAC-NY10854,NJDEP,PADEP	07/22/2020 17:48	KH
95-57-8	2-Chlorophenol	ND		ug/kg dry	45.5	90.8	2	EPA 8270D Certifications:	07/22/2020 05:28 CTDOH,NELAC-NY10854,NJDEP,PADEP	07/22/2020 17:48	KH
91-57-6	2-Methylnaphthalene	ND		ug/kg dry	45.5	90.8	2	EPA 8270D Certifications:	07/22/2020 05:28 CTDOH,NELAC-NY10854,NJDEP,PADEP	07/22/2020 17:48	KH

Sample Information

Client Sample ID: B-1 **York Sample ID:** 20G0641-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
20G0641	28-34 Pearl Street Port Chester, New York	Soil	July 16, 2020 12:00 am	07/17/2020

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	45.5	90.8	2	EPA 8270D Certifications:	07/22/2020 05:28 CTDOH,NELAC-NY10854,NJDEP,PADEP	07/22/2020 17:48	KH
88-74-4	2-Nitroaniline	ND		ug/kg dry	90.8	181	2	EPA 8270D Certifications:	07/22/2020 05:28 CTDOH,NELAC-NY10854,NJDEP,PADEP	07/22/2020 17:48	KH
88-75-5	2-Nitrophenol	ND		ug/kg dry	45.5	90.8	2	EPA 8270D Certifications:	07/22/2020 05:28 CTDOH,NELAC-NY10854,NJDEP,PADEP	07/22/2020 17:48	KH
65794-96-9	3- & 4-Methylphenols	ND		ug/kg dry	45.5	90.8	2	EPA 8270D Certifications:	07/22/2020 05:28 CTDOH,NELAC-NY10854,NJDEP,PADEP	07/22/2020 17:48	KH
91-94-1	3,3-Dichlorobenzidine	ND		ug/kg dry	45.5	90.8	2	EPA 8270D Certifications:	07/22/2020 05:28 NELAC-NY10854,NJDEP,PADEP	07/22/2020 17:48	KH
99-09-2	3-Nitroaniline	ND		ug/kg dry	90.8	181	2	EPA 8270D Certifications:	07/22/2020 05:28 CTDOH,NELAC-NY10854,NJDEP,PADEP	07/22/2020 17:48	KH
534-52-1	4,6-Dinitro-2-methylphenol	ND		ug/kg dry	90.8	181	2	EPA 8270D Certifications:	07/22/2020 05:28 CTDOH,NELAC-NY10854,NJDEP,PADEP	07/22/2020 17:48	KH
101-55-3	4-Bromophenyl phenyl ether	ND		ug/kg dry	45.5	90.8	2	EPA 8270D Certifications:	07/22/2020 05:28 CTDOH,NELAC-NY10854,NJDEP,PADEP	07/22/2020 17:48	KH
59-50-7	4-Chloro-3-methylphenol	ND		ug/kg dry	45.5	90.8	2	EPA 8270D Certifications:	07/22/2020 05:28 CTDOH,NELAC-NY10854,NJDEP,PADEP	07/22/2020 17:48	KH
106-47-8	4-Chloroaniline	ND		ug/kg dry	45.5	90.8	2	EPA 8270D Certifications:	07/22/2020 05:28 CTDOH,NELAC-NY10854,NJDEP,PADEP	07/22/2020 17:48	KH
7005-72-3	4-Chlorophenyl phenyl ether	ND		ug/kg dry	45.5	90.8	2	EPA 8270D Certifications:	07/22/2020 05:28 CTDOH,NELAC-NY10854,NJDEP,PADEP	07/22/2020 17:48	KH
100-01-6	4-Nitroaniline	ND		ug/kg dry	90.8	181	2	EPA 8270D Certifications:	07/22/2020 05:28 CTDOH,NELAC-NY10854,NJDEP,PADEP	07/22/2020 17:48	KH
100-02-7	4-Nitrophenol	ND		ug/kg dry	90.8	181	2	EPA 8270D Certifications:	07/22/2020 05:28 CTDOH,NELAC-NY10854,NJDEP,PADEP	07/22/2020 17:48	KH
83-32-9	Acenaphthene	ND		ug/kg dry	45.5	90.8	2	EPA 8270D Certifications:	07/22/2020 05:28 CTDOH,NELAC-NY10854,NJDEP,PADEP	07/22/2020 17:48	KH
208-96-8	Acenaphthylene	ND		ug/kg dry	45.5	90.8	2	EPA 8270D Certifications:	07/22/2020 05:28 CTDOH,NELAC-NY10854,NJDEP,PADEP	07/22/2020 17:48	KH
98-86-2	Acetophenone	ND		ug/kg dry	45.5	90.8	2	EPA 8270D Certifications:	07/22/2020 05:28 NELAC-NY10854,NJDEP,PADEP	07/22/2020 17:48	KH
62-53-3	Aniline	ND		ug/kg dry	182	364	2	EPA 8270D Certifications:	07/22/2020 05:28 NELAC-NY10854,NJDEP,PADEP	07/22/2020 17:48	KH
120-12-7	Anthracene	ND		ug/kg dry	45.5	90.8	2	EPA 8270D Certifications:	07/22/2020 05:28 CTDOH,NELAC-NY10854,NJDEP,PADEP	07/22/2020 17:48	KH
1912-24-9	Atrazine	ND		ug/kg dry	45.5	90.8	2	EPA 8270D Certifications:	07/22/2020 05:28 NELAC-NY10854,NJDEP,PADEP	07/22/2020 17:48	KH
100-52-7	Benzaldehyde	ND		ug/kg dry	45.5	90.8	2	EPA 8270D Certifications:	07/22/2020 05:28 NELAC-NY10854,NJDEP,PADEP	07/22/2020 17:48	KH
92-87-5	Benzidine	ND		ug/kg dry	182	364	2	EPA 8270D Certifications:	07/22/2020 05:28 CTDOH,NELAC-NY10854,PADEP	07/22/2020 17:48	KH
56-55-3	Benzo(a)anthracene	ND		ug/kg dry	45.5	90.8	2	EPA 8270D Certifications:	07/22/2020 05:28 CTDOH,NELAC-NY10854,NJDEP,PADEP	07/22/2020 17:48	KH
50-32-8	Benzo(a)pyrene	ND		ug/kg dry	45.5	90.8	2	EPA 8270D Certifications:	07/22/2020 05:28 CTDOH,NELAC-NY10854,NJDEP,PADEP	07/22/2020 17:48	KH

Sample Information

Client Sample ID: B-1 **York Sample ID:** 20G0641-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
20G0641	28-34 Pearl Street Port Chester, New York	Soil	July 16, 2020 12:00 am	07/17/2020

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	ND		ug/kg dry	45.5	90.8	2	EPA 8270D Certifications:	07/22/2020 05:28	07/22/2020 17:48 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
191-24-2	Benzo(g,h,i)perylene	ND		ug/kg dry	45.5	90.8	2	EPA 8270D Certifications:	07/22/2020 05:28	07/22/2020 17:48 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
207-08-9	Benzo(k)fluoranthene	ND		ug/kg dry	45.5	90.8	2	EPA 8270D Certifications:	07/22/2020 05:28	07/22/2020 17:48 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
65-85-0	Benzoic acid	ND		ug/kg dry	45.5	90.8	2	EPA 8270D Certifications:	07/22/2020 05:28	07/22/2020 17:48 NELAC-NY10854,NJDEP,PADEP	KH
100-51-6	Benzyl alcohol	ND		ug/kg dry	45.5	90.8	2	EPA 8270D Certifications:	07/22/2020 05:28	07/22/2020 17:48 NELAC-NY10854,NJDEP,PADEP	KH
85-68-7	Benzyl butyl phthalate	ND		ug/kg dry	45.5	90.8	2	EPA 8270D Certifications:	07/22/2020 05:28	07/22/2020 17:48 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
111-91-1	Bis(2-chloroethoxy)methane	ND		ug/kg dry	45.5	90.8	2	EPA 8270D Certifications:	07/22/2020 05:28	07/22/2020 17:48 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
111-44-4	Bis(2-chloroethyl)ether	ND		ug/kg dry	45.5	90.8	2	EPA 8270D Certifications:	07/22/2020 05:28	07/22/2020 17:48 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
108-60-1	Bis(2-chloroisopropyl)ether	ND		ug/kg dry	45.5	90.8	2	EPA 8270D Certifications:	07/22/2020 05:28	07/22/2020 17:48 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
117-81-7	Bis(2-ethylhexyl)phthalate	ND		ug/kg dry	45.5	90.8	2	EPA 8270D Certifications:	07/22/2020 05:28	07/22/2020 17:48 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
105-60-2	Caprolactam	ND		ug/kg dry	90.8	181	2	EPA 8270D Certifications:	07/22/2020 05:28	07/22/2020 17:48 NELAC-NY10854,NJDEP,PADEP	KH
86-74-8	Carbazole	ND		ug/kg dry	45.5	90.8	2	EPA 8270D Certifications:	07/22/2020 05:28	07/22/2020 17:48 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
218-01-9	Chrysene	ND		ug/kg dry	45.5	90.8	2	EPA 8270D Certifications:	07/22/2020 05:28	07/22/2020 17:48 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
53-70-3	Dibenzo(a,h)anthracene	ND		ug/kg dry	45.5	90.8	2	EPA 8270D Certifications:	07/22/2020 05:28	07/22/2020 17:48 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
132-64-9	Dibenzofuran	ND		ug/kg dry	45.5	90.8	2	EPA 8270D Certifications:	07/22/2020 05:28	07/22/2020 17:48 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
84-66-2	Diethyl phthalate	ND		ug/kg dry	45.5	90.8	2	EPA 8270D Certifications:	07/22/2020 05:28	07/22/2020 17:48 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
131-11-3	Dimethyl phthalate	ND		ug/kg dry	45.5	90.8	2	EPA 8270D Certifications:	07/22/2020 05:28	07/22/2020 17:48 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
84-74-2	Di-n-butyl phthalate	ND		ug/kg dry	45.5	90.8	2	EPA 8270D Certifications:	07/22/2020 05:28	07/22/2020 17:48 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
117-84-0	Di-n-octyl phthalate	ND		ug/kg dry	45.5	90.8	2	EPA 8270D Certifications:	07/22/2020 05:28	07/22/2020 17:48 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
122-39-4	* Diphenylamine	ND		ug/kg dry	90.8	181	2	EPA 8270D Certifications:	07/22/2020 05:28	07/22/2020 17:48	KH
206-44-0	Fluoranthene	ND		ug/kg dry	45.5	90.8	2	EPA 8270D Certifications:	07/22/2020 05:28	07/22/2020 17:48 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
86-73-7	Fluorene	ND		ug/kg dry	45.5	90.8	2	EPA 8270D Certifications:	07/22/2020 05:28	07/22/2020 17:48 NELAC-NY10854,NJDEP,PADEP	KH
118-74-1	Hexachlorobenzene	ND		ug/kg dry	45.5	90.8	2	EPA 8270D Certifications:	07/22/2020 05:28	07/22/2020 17:48 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH

Sample Information

Client Sample ID: B-1 **York Sample ID:** 20G0641-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
20G0641	28-34 Pearl Street Port Chester, New York	Soil	July 16, 2020 12:00 am	07/17/2020

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	45.5	90.8	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/22/2020 05:28	07/22/2020 17:48	KH
77-47-4	Hexachlorocyclopentadiene	ND		ug/kg dry	45.5	90.8	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/22/2020 05:28	07/22/2020 17:48	KH
67-72-1	Hexachloroethane	ND		ug/kg dry	45.5	90.8	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/22/2020 05:28	07/22/2020 17:48	KH
193-39-5	Indeno(1,2,3-cd)pyrene	ND		ug/kg dry	45.5	90.8	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/22/2020 05:28	07/22/2020 17:48	KH
78-59-1	Isophorone	ND		ug/kg dry	45.5	90.8	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/22/2020 05:28	07/22/2020 17:48	KH
91-20-3	Naphthalene	ND		ug/kg dry	45.5	90.8	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/22/2020 05:28	07/22/2020 17:48	KH
98-95-3	Nitrobenzene	ND		ug/kg dry	45.5	90.8	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/22/2020 05:28	07/22/2020 17:48	KH
62-75-9	N-Nitrosodimethylamine	ND		ug/kg dry	45.5	90.8	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/22/2020 05:28	07/22/2020 17:48	KH
621-64-7	N-nitroso-di-n-propylamine	ND		ug/kg dry	45.5	90.8	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/22/2020 05:28	07/22/2020 17:48	KH
86-30-6	N-Nitrosodiphenylamine	ND		ug/kg dry	45.5	90.8	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/22/2020 05:28	07/22/2020 17:48	KH
87-86-5	Pentachlorophenol	ND		ug/kg dry	45.5	90.8	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/22/2020 05:28	07/22/2020 17:48	KH
85-01-8	Phenanthrene	ND		ug/kg dry	45.5	90.8	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/22/2020 05:28	07/22/2020 17:48	KH
108-95-2	Phenol	ND		ug/kg dry	45.5	90.8	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/22/2020 05:28	07/22/2020 17:48	KH
129-00-0	Pyrene	ND		ug/kg dry	45.5	90.8	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/22/2020 05:28	07/22/2020 17:48	KH

	Surrogate Recoveries	Result	Acceptance Range
367-12-4	*Surrogate: SURR: 2-Fluorophenol*	*63.8 %*	*20-108*
4165-62-2	*Surrogate: SURR: Phenol-d5*	*67.8 %*	*23-114*
4165-60-0	*Surrogate: SURR: Nitrobenzene-d5*	*85.0 %*	*22-108*
321-60-8	*Surrogate: SURR: 2-Fluorobiphenyl*	*65.3 %*	*21-113*
118-79-6	*Surrogate: SURR: 2,4,6-Tribromophenol*	*85.5 %*	*19-110*
1718-51-0	*Surrogate: SURR: Terphenyl-d14*	*76.3 %*	*24-116*

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**	**91.3**		%	0.100	1	SM 2540G Certifications: CTDOH	07/20/2020 08:02	07/20/2020 15:01	WJM

Sample Information

Client Sample ID: B-2 **York Sample ID:** 20G0641-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
20G0641	28-34 Pearl Street Port Chester, New York	Soil	July 16, 2020 12:00 am	07/17/2020

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	2.3	4.6	1	EPA 8260C	07/20/2020 09:30	07/20/2020 18:10	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
71-55-6	1,1,1-Trichloroethane	ND		ug/kg dry	2.3	4.6	1	EPA 8260C	07/20/2020 09:30	07/20/2020 18:10	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/kg dry	2.3	4.6	1	EPA 8260C	07/20/2020 09:30	07/20/2020 18:10	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/kg dry	2.3	4.6	1	EPA 8260C	07/20/2020 09:30	07/20/2020 18:10	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP		
79-00-5	1,1,2-Trichloroethane	ND		ug/kg dry	2.3	4.6	1	EPA 8260C	07/20/2020 09:30	07/20/2020 18:10	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-34-3	1,1-Dichloroethane	ND		ug/kg dry	2.3	4.6	1	EPA 8260C	07/20/2020 09:30	07/20/2020 18:10	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-35-4	1,1-Dichloroethylene	ND		ug/kg dry	2.3	4.6	1	EPA 8260C	07/20/2020 09:30	07/20/2020 18:10	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
87-61-6	1,2,3-Trichlorobenzene	ND		ug/kg dry	2.3	4.6	1	EPA 8260C	07/20/2020 09:30	07/20/2020 18:10	SS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
96-18-4	1,2,3-Trichloropropane	ND		ug/kg dry	2.3	4.6	1	EPA 8260C	07/20/2020 09:30	07/20/2020 18:10	SS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP		
120-82-1	1,2,4-Trichlorobenzene	ND		ug/kg dry	2.3	4.6	1	EPA 8260C	07/20/2020 09:30	07/20/2020 18:10	SS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
95-63-6	1,2,4-Trimethylbenzene	ND		ug/kg dry	2.3	4.6	1	EPA 8260C	07/20/2020 09:30	07/20/2020 18:10	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/kg dry	2.3	4.6	1	EPA 8260C	07/20/2020 09:30	07/20/2020 18:10	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
106-93-4	1,2-Dibromoethane	ND		ug/kg dry	2.3	4.6	1	EPA 8260C	07/20/2020 09:30	07/20/2020 18:10	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
95-50-1	1,2-Dichlorobenzene	ND		ug/kg dry	2.3	4.6	1	EPA 8260C	07/20/2020 09:30	07/20/2020 18:10	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
107-06-2	1,2-Dichloroethane	ND		ug/kg dry	2.3	4.6	1	EPA 8260C	07/20/2020 09:30	07/20/2020 18:10	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
78-87-5	1,2-Dichloropropane	ND		ug/kg dry	2.3	4.6	1	EPA 8260C	07/20/2020 09:30	07/20/2020 18:10	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
108-67-8	1,3,5-Trimethylbenzene	ND		ug/kg dry	2.3	4.6	1	EPA 8260C	07/20/2020 09:30	07/20/2020 18:10	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
541-73-1	1,3-Dichlorobenzene	ND		ug/kg dry	2.3	4.6	1	EPA 8260C	07/20/2020 09:30	07/20/2020 18:10	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
106-46-7	1,4-Dichlorobenzene	ND		ug/kg dry	2.3	4.6	1	EPA 8260C	07/20/2020 09:30	07/20/2020 18:10	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
123-91-1	1,4-Dioxane	ND		ug/kg dry	46	91	1	EPA 8260C	07/20/2020 09:30	07/20/2020 18:10	SS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
78-93-3	**2-Butanone**	**3.7**	J	ug/kg dry	2.3	4.6	1	EPA 8260C	07/20/2020 09:30	07/20/2020 18:10	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
591-78-6	2-Hexanone	ND		ug/kg dry	2.3	4.6	1	EPA 8260C	07/20/2020 09:30	07/20/2020 18:10	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
108-10-1	4-Methyl-2-pentanone	ND		ug/kg dry	2.3	4.6	1	EPA 8260C	07/20/2020 09:30	07/20/2020 18:10	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		

Sample Information

Client Sample ID: B-2 **York Sample ID:** 20G0641-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
20G0641	28-34 Pearl Street Port Chester, New York	Soil	July 16, 2020 12:00 am	07/17/2020

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**	**19**		ug/kg dry	4.6	9.1	1	EPA 8260C	07/20/2020 09:30	07/20/2020 18:10	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
107-02-8	Acrolein	ND		ug/kg dry	4.6	9.1	1	EPA 8260C	07/20/2020 09:30	07/20/2020 18:10	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
107-13-1	Acrylonitrile	ND		ug/kg dry	2.3	4.6	1	EPA 8260C	07/20/2020 09:30	07/20/2020 18:10	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
71-43-2	Benzene	ND		ug/kg dry	2.3	4.6	1	EPA 8260C	07/20/2020 09:30	07/20/2020 18:10	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
74-97-5	Bromochloromethane	ND		ug/kg dry	2.3	4.6	1	EPA 8260C	07/20/2020 09:30	07/20/2020 18:10	SS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-27-4	Bromodichloromethane	ND		ug/kg dry	2.3	4.6	1	EPA 8260C	07/20/2020 09:30	07/20/2020 18:10	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-25-2	Bromoform	ND		ug/kg dry	2.3	4.6	1	EPA 8260C	07/20/2020 09:30	07/20/2020 18:10	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
74-83-9	Bromomethane	ND		ug/kg dry	2.3	4.6	1	EPA 8260C	07/20/2020 09:30	07/20/2020 18:10	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-15-0	**Carbon disulfide**	**6.3**	CCV-E, B	ug/kg dry	2.3	4.6	1	EPA 8260C	07/20/2020 09:30	07/20/2020 18:10	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
56-23-5	Carbon tetrachloride	ND		ug/kg dry	2.3	4.6	1	EPA 8260C	07/20/2020 09:30	07/20/2020 18:10	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
108-90-7	Chlorobenzene	ND		ug/kg dry	2.3	4.6	1	EPA 8260C	07/20/2020 09:30	07/20/2020 18:10	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-00-3	Chloroethane	ND		ug/kg dry	2.3	4.6	1	EPA 8260C	07/20/2020 09:30	07/20/2020 18:10	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
67-66-3	Chloroform	ND		ug/kg dry	2.3	4.6	1	EPA 8260C	07/20/2020 09:30	07/20/2020 18:10	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
74-87-3	Chloromethane	ND		ug/kg dry	2.3	4.6	1	EPA 8260C	07/20/2020 09:30	07/20/2020 18:10	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
156-59-2	cis-1,2-Dichloroethylene	ND		ug/kg dry	2.3	4.6	1	EPA 8260C	07/20/2020 09:30	07/20/2020 18:10	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/kg dry	2.3	4.6	1	EPA 8260C	07/20/2020 09:30	07/20/2020 18:10	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
110-82-7	Cyclohexane	ND		ug/kg dry	2.3	4.6	1	EPA 8260C	07/20/2020 09:30	07/20/2020 18:10	SS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
124-48-1	Dibromochloromethane	ND		ug/kg dry	2.3	4.6	1	EPA 8260C	07/20/2020 09:30	07/20/2020 18:10	SS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
74-95-3	Dibromomethane	ND		ug/kg dry	2.3	4.6	1	EPA 8260C	07/20/2020 09:30	07/20/2020 18:10	SS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-71-8	Dichlorodifluoromethane	ND		ug/kg dry	2.3	4.6	1	EPA 8260C	07/20/2020 09:30	07/20/2020 18:10	SS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
100-41-4	Ethyl Benzene	ND		ug/kg dry	2.3	4.6	1	EPA 8260C	07/20/2020 09:30	07/20/2020 18:10	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
87-68-3	Hexachlorobutadiene	ND		ug/kg dry	2.3	4.6	1	EPA 8260C	07/20/2020 09:30	07/20/2020 18:10	SS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
98-82-8	Isopropylbenzene	ND		ug/kg dry	2.3	4.6	1	EPA 8260C	07/20/2020 09:30	07/20/2020 18:10	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		

Sample Information

Client Sample ID: B-2 **York Sample ID:** 20G0641-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
20G0641	28-34 Pearl Street Port Chester, New York	Soil	July 16, 2020 12:00 am	07/17/2020

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	2.3	4.6	1	EPA 8260C Certifications:	07/20/2020 09:30 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/20/2020 18:10	SS
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/kg dry	2.3	4.6	1	EPA 8260C Certifications:	07/20/2020 09:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/20/2020 18:10	SS
108-87-2	Methylcyclohexane	ND		ug/kg dry	2.3	4.6	1	EPA 8260C Certifications:	07/20/2020 09:30 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/20/2020 18:10	SS
75-09-2	Methylene chloride	ND		ug/kg dry	4.6	9.1	1	EPA 8260C Certifications:	07/20/2020 09:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/20/2020 18:10	SS
104-51-8	n-Butylbenzene	ND		ug/kg dry	2.3	4.6	1	EPA 8260C Certifications:	07/20/2020 09:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/20/2020 18:10	SS
103-65-1	n-Propylbenzene	ND		ug/kg dry	2.3	4.6	1	EPA 8260C Certifications:	07/20/2020 09:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/20/2020 18:10	SS
95-47-6	o-Xylene	ND		ug/kg dry	2.3	4.6	1	EPA 8260C Certifications:	07/20/2020 09:30 CTDOH,NELAC-NY10854,NELAC-NY12058,PADEP	07/20/2020 18:10	SS
179601-23-1	p- & m- Xylenes	ND		ug/kg dry	4.6	9.1	1	EPA 8260C Certifications:	07/20/2020 09:30 CTDOH,NELAC-NY10854,NELAC-NY12058,PADEP	07/20/2020 18:10	SS
99-87-6	p-Isopropyltoluene	ND		ug/kg dry	2.3	4.6	1	EPA 8260C Certifications:	07/20/2020 09:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/20/2020 18:10	SS
135-98-8	sec-Butylbenzene	ND		ug/kg dry	2.3	4.6	1	EPA 8260C Certifications:	07/20/2020 09:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/20/2020 18:10	SS
100-42-5	Styrene	ND		ug/kg dry	2.3	4.6	1	EPA 8260C Certifications:	07/20/2020 09:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/20/2020 18:10	SS
75-65-0	tert-Butyl alcohol (TBA)	ND		ug/kg dry	2.3	23	1	EPA 8260C Certifications:	07/20/2020 09:30 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/20/2020 18:10	SS
98-06-6	tert-Butylbenzene	ND		ug/kg dry	2.3	4.6	1	EPA 8260C Certifications:	07/20/2020 09:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/20/2020 18:10	SS
127-18-4	Tetrachloroethylene	ND		ug/kg dry	2.3	4.6	1	EPA 8260C Certifications:	07/20/2020 09:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/20/2020 18:10	SS
108-88-3	Toluene	ND		ug/kg dry	2.3	4.6	1	EPA 8260C Certifications:	07/20/2020 09:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/20/2020 18:10	SS
156-60-5	trans-1,2-Dichloroethylene	ND		ug/kg dry	2.3	4.6	1	EPA 8260C Certifications:	07/20/2020 09:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/20/2020 18:10	SS
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/kg dry	2.3	4.6	1	EPA 8260C Certifications:	07/20/2020 09:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/20/2020 18:10	SS
110-57-6	* trans-1,4-dichloro-2-butene	ND		ug/kg dry	2.3	4.6	1	EPA 8260C Certifications:	07/20/2020 09:30 CTDOH	07/20/2020 18:10	SS
79-01-6	Trichloroethylene	ND		ug/kg dry	2.3	4.6	1	EPA 8260C Certifications:	07/20/2020 09:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/20/2020 18:10	SS
75-69-4	Trichlorofluoromethane	ND		ug/kg dry	2.3	4.6	1	EPA 8260C Certifications:	07/20/2020 09:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/20/2020 18:10	SS
75-01-4	Vinyl Chloride	ND		ug/kg dry	2.3	4.6	1	EPA 8260C Certifications:	07/20/2020 09:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/20/2020 18:10	SS
1330-20-7	Xylenes, Total	ND		ug/kg dry	6.8	14	1	EPA 8260C Certifications:	07/20/2020 09:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP	07/20/2020 18:10	SS

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: SURR: 1,2-Dichloroethane-d4*	*99.8 %*	*77-125*

Sample Information

Client Sample ID: B-2 **York Sample ID:** 20G0641-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
20G0641	28-34 Pearl Street Port Chester, New York	Soil	July 16, 2020 12:00 am	07/17/2020

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*	*98.8 %*			*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	47.0	93.8	2	EPA 8270D Certifications:	07/22/2020 05:28 NELAC-NY10854,NJDEP,PADEP	07/22/2020 18:17	KH
95-94-3	1,2,4,5-Tetrachlorobenzene	ND		ug/kg dry	93.8	187	2	EPA 8270D Certifications:	07/22/2020 05:28 NELAC-NY10854,NJDEP,PADEP	07/22/2020 18:17	KH
120-82-1	1,2,4-Trichlorobenzene	ND		ug/kg dry	47.0	93.8	2	EPA 8270D Certifications:	07/22/2020 05:28 CTDOH,NELAC-NY10854,NJDEP,PADEP	07/22/2020 18:17	KH
95-50-1	1,2-Dichlorobenzene	ND		ug/kg dry	47.0	93.8	2	EPA 8270D Certifications:	07/22/2020 05:28 NELAC-NY10854,PADEP	07/22/2020 18:17	KH
122-66-7	1,2-Diphenylhydrazine (as Azobenzene)	ND		ug/kg dry	47.0	93.8	2	EPA 8270D Certifications:	07/22/2020 05:28 NELAC-NY10854,NJDEP,PADEP	07/22/2020 18:17	KH
541-73-1	1,3-Dichlorobenzene	ND		ug/kg dry	47.0	93.8	2	EPA 8270D Certifications:	07/22/2020 05:28 NELAC-NY10854,PADEP	07/22/2020 18:17	KH
106-46-7	1,4-Dichlorobenzene	ND		ug/kg dry	47.0	93.8	2	EPA 8270D Certifications:	07/22/2020 05:28 NELAC-NY10854,PADEP	07/22/2020 18:17	KH
58-90-2	2,3,4,6-Tetrachlorophenol	ND		ug/kg dry	93.8	187	2	EPA 8270D Certifications:	07/22/2020 05:28 NELAC-NY10854,NJDEP,PADEP	07/22/2020 18:17	KH
95-95-4	2,4,5-Trichlorophenol	ND		ug/kg dry	47.0	93.8	2	EPA 8270D Certifications:	07/22/2020 05:28 CTDOH,NELAC-NY10854,NJDEP,PADEP	07/22/2020 18:17	KH
88-06-2	2,4,6-Trichlorophenol	ND		ug/kg dry	47.0	93.8	2	EPA 8270D Certifications:	07/22/2020 05:28 CTDOH,NELAC-NY10854,NJDEP,PADEP	07/22/2020 18:17	KH
120-83-2	2,4-Dichlorophenol	ND		ug/kg dry	47.0	93.8	2	EPA 8270D Certifications:	07/22/2020 05:28 CTDOH,NELAC-NY10854,NJDEP,PADEP	07/22/2020 18:17	KH
105-67-9	2,4-Dimethylphenol	ND		ug/kg dry	47.0	93.8	2	EPA 8270D Certifications:	07/22/2020 05:28 CTDOH,NELAC-NY10854,NJDEP,PADEP	07/22/2020 18:17	KH
51-28-5	2,4-Dinitrophenol	ND		ug/kg dry	93.8	187	2	EPA 8270D Certifications:	07/22/2020 05:28 CTDOH,NELAC-NY10854,NJDEP,PADEP	07/22/2020 18:17	KH
121-14-2	2,4-Dinitrotoluene	ND		ug/kg dry	47.0	93.8	2	EPA 8270D Certifications:	07/22/2020 05:28 CTDOH,NELAC-NY10854,NJDEP,PADEP	07/22/2020 18:17	KH
606-20-2	2,6-Dinitrotoluene	ND		ug/kg dry	47.0	93.8	2	EPA 8270D Certifications:	07/22/2020 05:28 CTDOH,NELAC-NY10854,NJDEP,PADEP	07/22/2020 18:17	KH
91-58-7	2-Chloronaphthalene	ND		ug/kg dry	47.0	93.8	2	EPA 8270D Certifications:	07/22/2020 05:28 CTDOH,NELAC-NY10854,NJDEP,PADEP	07/22/2020 18:17	KH
95-57-8	2-Chlorophenol	ND		ug/kg dry	47.0	93.8	2	EPA 8270D Certifications:	07/22/2020 05:28 CTDOH,NELAC-NY10854,NJDEP,PADEP	07/22/2020 18:17	KH
91-57-6	2-Methylnaphthalene	ND		ug/kg dry	47.0	93.8	2	EPA 8270D Certifications:	07/22/2020 05:28 CTDOH,NELAC-NY10854,NJDEP,PADEP	07/22/2020 18:17	KH
95-48-7	2-Methylphenol	ND		ug/kg dry	47.0	93.8	2	EPA 8270D Certifications:	07/22/2020 05:28 CTDOH,NELAC-NY10854,NJDEP,PADEP	07/22/2020 18:17	KH

Sample Information

Client Sample ID: B-2 **York Sample ID:** 20G0641-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
20G0641	28-34 Pearl Street Port Chester, New York	Soil	July 16, 2020 12:00 am	07/17/2020

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:	07/22/2020 05:28	07/22/2020 18:17 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
88-75-5	2-Nitrophenol	ND		ug/kg dry	47.0	93.8	2	EPA 8270D Certifications:	07/22/2020 05:28	07/22/2020 18:17 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
65794-96-9	3- & 4-Methylphenols	ND		ug/kg dry	47.0	93.8	2	EPA 8270D Certifications:	07/22/2020 05:28	07/22/2020 18:17 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
91-94-1	3,3-Dichlorobenzidine	ND		ug/kg dry	47.0	93.8	2	EPA 8270D Certifications:	07/22/2020 05:28	07/22/2020 18:17 NELAC-NY10854,NJDEP,PADEP	KH
99-09-2	3-Nitroaniline	ND		ug/kg dry	93.8	187	2	EPA 8270D Certifications:	07/22/2020 05:28	07/22/2020 18:17 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
534-52-1	4,6-Dinitro-2-methylphenol	ND		ug/kg dry	93.8	187	2	EPA 8270D Certifications:	07/22/2020 05:28	07/22/2020 18:17 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
101-55-3	4-Bromophenyl phenyl ether	ND		ug/kg dry	47.0	93.8	2	EPA 8270D Certifications:	07/22/2020 05:28	07/22/2020 18:17 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
59-50-7	4-Chloro-3-methylphenol	ND		ug/kg dry	47.0	93.8	2	EPA 8270D Certifications:	07/22/2020 05:28	07/22/2020 18:17 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
106-47-8	4-Chloroaniline	ND		ug/kg dry	47.0	93.8	2	EPA 8270D Certifications:	07/22/2020 05:28	07/22/2020 18:17 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
7005-72-3	4-Chlorophenyl phenyl ether	ND		ug/kg dry	47.0	93.8	2	EPA 8270D Certifications:	07/22/2020 05:28	07/22/2020 18:17 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
100-01-6	4-Nitroaniline	ND		ug/kg dry	93.8	187	2	EPA 8270D Certifications:	07/22/2020 05:28	07/22/2020 18:17 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
100-02-7	4-Nitrophenol	ND		ug/kg dry	93.8	187	2	EPA 8270D Certifications:	07/22/2020 05:28	07/22/2020 18:17 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
83-32-9	Acenaphthene	ND		ug/kg dry	47.0	93.8	2	EPA 8270D Certifications:	07/22/2020 05:28	07/22/2020 18:17 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
208-96-8	Acenaphthylene	ND		ug/kg dry	47.0	93.8	2	EPA 8270D Certifications:	07/22/2020 05:28	07/22/2020 18:17 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
98-86-2	Acetophenone	ND		ug/kg dry	47.0	93.8	2	EPA 8270D Certifications:	07/22/2020 05:28	07/22/2020 18:17 NELAC-NY10854,NJDEP,PADEP	KH
62-53-3	Aniline	ND		ug/kg dry	188	376	2	EPA 8270D Certifications:	07/22/2020 05:28	07/22/2020 18:17 NELAC-NY10854,NJDEP,PADEP	KH
120-12-7	Anthracene	ND		ug/kg dry	47.0	93.8	2	EPA 8270D Certifications:	07/22/2020 05:28	07/22/2020 18:17 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
1912-24-9	Atrazine	ND		ug/kg dry	47.0	93.8	2	EPA 8270D Certifications:	07/22/2020 05:28	07/22/2020 18:17 NELAC-NY10854,NJDEP,PADEP	KH
100-52-7	Benzaldehyde	ND		ug/kg dry	47.0	93.8	2	EPA 8270D Certifications:	07/22/2020 05:28	07/22/2020 18:17 NELAC-NY10854,NJDEP,PADEP	KH
92-87-5	Benzidine	ND		ug/kg dry	188	376	2	EPA 8270D Certifications:	07/22/2020 05:28	07/22/2020 18:17 CTDOH,NELAC-NY10854,PADEP	KH
56-55-3	Benzo(a)anthracene	ND		ug/kg dry	47.0	93.8	2	EPA 8270D Certifications:	07/22/2020 05:28	07/22/2020 18:17 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
50-32-8	Benzo(a)pyrene	ND		ug/kg dry	47.0	93.8	2	EPA 8270D Certifications:	07/22/2020 05:28	07/22/2020 18:17 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
205-99-2	Benzo(b)fluoranthene	ND		ug/kg dry	47.0	93.8	2	EPA 8270D Certifications:	07/22/2020 05:28	07/22/2020 18:17 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH

Sample Information

Client Sample ID: B-2 **York Sample ID:** 20G0641-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
20G0641	28-34 Pearl Street Port Chester, New York	Soil	July 16, 2020 12:00 am	07/17/2020

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	47.0	93.8	2	EPA 8270D Certifications:	07/22/2020 05:28	07/22/2020 18:17 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
207-08-9	Benzo(k)fluoranthene	ND		ug/kg dry	47.0	93.8	2	EPA 8270D Certifications:	07/22/2020 05:28	07/22/2020 18:17 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
65-85-0	Benzoic acid	ND		ug/kg dry	47.0	93.8	2	EPA 8270D Certifications:	07/22/2020 05:28	07/22/2020 18:17 NELAC-NY10854,NJDEP,PADEP	KH
100-51-6	Benzyl alcohol	ND		ug/kg dry	47.0	93.8	2	EPA 8270D Certifications:	07/22/2020 05:28	07/22/2020 18:17 NELAC-NY10854,NJDEP,PADEP	KH
85-68-7	Benzyl butyl phthalate	ND		ug/kg dry	47.0	93.8	2	EPA 8270D Certifications:	07/22/2020 05:28	07/22/2020 18:17 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
111-91-1	Bis(2-chloroethoxy)methane	ND		ug/kg dry	47.0	93.8	2	EPA 8270D Certifications:	07/22/2020 05:28	07/22/2020 18:17 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
111-44-4	Bis(2-chloroethyl)ether	ND		ug/kg dry	47.0	93.8	2	EPA 8270D Certifications:	07/22/2020 05:28	07/22/2020 18:17 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
108-60-1	Bis(2-chloroisopropyl)ether	ND		ug/kg dry	47.0	93.8	2	EPA 8270D Certifications:	07/22/2020 05:28	07/22/2020 18:17 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
117-81-7	Bis(2-ethylhexyl)phthalate	ND		ug/kg dry	47.0	93.8	2	EPA 8270D Certifications:	07/22/2020 05:28	07/22/2020 18:17 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
105-60-2	Caprolactam	ND		ug/kg dry	93.8	187	2	EPA 8270D Certifications:	07/22/2020 05:28	07/22/2020 18:17 NELAC-NY10854,NJDEP,PADEP	KH
86-74-8	Carbazole	ND		ug/kg dry	47.0	93.8	2	EPA 8270D Certifications:	07/22/2020 05:28	07/22/2020 18:17 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
218-01-9	Chrysene	ND		ug/kg dry	47.0	93.8	2	EPA 8270D Certifications:	07/22/2020 05:28	07/22/2020 18:17 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
53-70-3	Dibenzo(a,h)anthracene	ND		ug/kg dry	47.0	93.8	2	EPA 8270D Certifications:	07/22/2020 05:28	07/22/2020 18:17 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
132-64-9	Dibenzofuran	ND		ug/kg dry	47.0	93.8	2	EPA 8270D Certifications:	07/22/2020 05:28	07/22/2020 18:17 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
84-66-2	Diethyl phthalate	ND		ug/kg dry	47.0	93.8	2	EPA 8270D Certifications:	07/22/2020 05:28	07/22/2020 18:17 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
131-11-3	Dimethyl phthalate	ND		ug/kg dry	47.0	93.8	2	EPA 8270D Certifications:	07/22/2020 05:28	07/22/2020 18:17 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
84-74-2	Di-n-butyl phthalate	ND		ug/kg dry	47.0	93.8	2	EPA 8270D Certifications:	07/22/2020 05:28	07/22/2020 18:17 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
117-84-0	Di-n-octyl phthalate	ND		ug/kg dry	47.0	93.8	2	EPA 8270D Certifications:	07/22/2020 05:28	07/22/2020 18:17 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
122-39-4	* Diphenylamine	ND		ug/kg dry	93.8	187	2	EPA 8270D Certifications:	07/22/2020 05:28	07/22/2020 18:17	KH
206-44-0	Fluoranthene	ND		ug/kg dry	47.0	93.8	2	EPA 8270D Certifications:	07/22/2020 05:28	07/22/2020 18:17 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
86-73-7	Fluorene	ND		ug/kg dry	47.0	93.8	2	EPA 8270D Certifications:	07/22/2020 05:28	07/22/2020 18:17 NELAC-NY10854,NJDEP,PADEP	KH
118-74-1	Hexachlorobenzene	ND		ug/kg dry	47.0	93.8	2	EPA 8270D Certifications:	07/22/2020 05:28	07/22/2020 18:17 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
87-68-3	Hexachlorobutadiene	ND		ug/kg dry	47.0	93.8	2	EPA 8270D Certifications:	07/22/2020 05:28	07/22/2020 18:17 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH

Sample Information

Client Sample ID: B-2 **York Sample ID:** 20G0641-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
20G0641	28-34 Pearl Street Port Chester, New York	Soil	July 16, 2020 12:00 am	07/17/2020

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	47.0	93.8	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/22/2020 05:28	07/22/2020 18:17	KH
67-72-1	Hexachloroethane	ND		ug/kg dry	47.0	93.8	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/22/2020 05:28	07/22/2020 18:17	KH
193-39-5	Indeno(1,2,3-cd)pyrene	ND		ug/kg dry	47.0	93.8	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/22/2020 05:28	07/22/2020 18:17	KH
78-59-1	Isophorone	ND		ug/kg dry	47.0	93.8	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/22/2020 05:28	07/22/2020 18:17	KH
91-20-3	Naphthalene	ND		ug/kg dry	47.0	93.8	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/22/2020 05:28	07/22/2020 18:17	KH
98-95-3	Nitrobenzene	ND		ug/kg dry	47.0	93.8	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/22/2020 05:28	07/22/2020 18:17	KH
62-75-9	N-Nitrosodimethylamine	ND		ug/kg dry	47.0	93.8	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/22/2020 05:28	07/22/2020 18:17	KH
621-64-7	N-nitroso-di-n-propylamine	ND		ug/kg dry	47.0	93.8	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/22/2020 05:28	07/22/2020 18:17	KH
86-30-6	N-Nitrosodiphenylamine	ND		ug/kg dry	47.0	93.8	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/22/2020 05:28	07/22/2020 18:17	KH
87-86-5	Pentachlorophenol	ND		ug/kg dry	47.0	93.8	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/22/2020 05:28	07/22/2020 18:17	KH
85-01-8	Phenanthrene	ND		ug/kg dry	47.0	93.8	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/22/2020 05:28	07/22/2020 18:17	KH
108-95-2	Phenol	ND		ug/kg dry	47.0	93.8	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/22/2020 05:28	07/22/2020 18:17	KH
129-00-0	Pyrene	ND		ug/kg dry	47.0	93.8	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/22/2020 05:28	07/22/2020 18:17	KH

	Surrogate Recoveries	Result	Acceptance Range
367-12-4	*Surrogate: SURR: 2-Fluorophenol*	*62.5 %*	*20-108*
4165-62-2	*Surrogate: SURR: Phenol-d5*	*67.9 %*	*23-114*
4165-60-0	*Surrogate: SURR: Nitrobenzene-d5*	*86.9 %*	*22-108*
321-60-8	*Surrogate: SURR: 2-Fluorobiphenyl*	*65.5 %*	*21-113*
118-79-6	*Surrogate: SURR: 2,4,6-Tribromophenol*	*91.1 %*	*19-110*
1718-51-0	*Surrogate: SURR: Terphenyl-d14*	*72.9 %*	*24-116*

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**	**87.7**		%	0.100	1	SM 2540G Certifications: CTDOH	07/20/2020 08:04	07/20/2020 15:06	WJM

Sample Information

Client Sample ID: B-3 **York Sample ID:** 20G0641-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
20G0641	28-34 Pearl Street Port Chester, New York	Soil	July 16, 2020 12:00 am	07/17/2020

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes: Rep-04

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	280	560	100	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/21/2020 09:30	07/21/2020 13:45	SS
71-55-6	1,1,1-Trichloroethane	ND		ug/kg dry	280	560	100	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/21/2020 09:30	07/21/2020 13:45	SS
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/kg dry	280	560	100	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/21/2020 09:30	07/21/2020 13:45	SS
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/kg dry	280	560	100	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP	07/21/2020 09:30	07/21/2020 13:45	SS
79-00-5	1,1,2-Trichloroethane	ND		ug/kg dry	280	560	100	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/21/2020 09:30	07/21/2020 13:45	SS
75-34-3	1,1-Dichloroethane	ND		ug/kg dry	280	560	100	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/21/2020 09:30	07/21/2020 13:45	SS
75-35-4	1,1-Dichloroethylene	ND		ug/kg dry	280	560	100	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/21/2020 09:30	07/21/2020 13:45	SS
87-61-6	1,2,3-Trichlorobenzene	ND		ug/kg dry	280	560	100	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/21/2020 09:30	07/21/2020 13:45	SS
96-18-4	1,2,3-Trichloropropane	ND		ug/kg dry	280	560	100	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP	07/21/2020 09:30	07/21/2020 13:45	SS
120-82-1	1,2,4-Trichlorobenzene	ND		ug/kg dry	280	560	100	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/21/2020 09:30	07/21/2020 13:45	SS
95-63-6	1,2,4-Trimethylbenzene	ND		ug/kg dry	280	560	100	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/21/2020 09:30	07/21/2020 13:45	SS
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/kg dry	280	560	100	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/21/2020 09:30	07/21/2020 13:45	SS
106-93-4	1,2-Dibromoethane	ND		ug/kg dry	280	560	100	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/21/2020 09:30	07/21/2020 13:45	SS
95-50-1	1,2-Dichlorobenzene	ND		ug/kg dry	280	560	100	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/21/2020 09:30	07/21/2020 13:45	SS
107-06-2	1,2-Dichloroethane	ND		ug/kg dry	280	560	100	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/21/2020 09:30	07/21/2020 13:45	SS
78-87-5	1,2-Dichloropropane	ND		ug/kg dry	280	560	100	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/21/2020 09:30	07/21/2020 13:45	SS
108-67-8	1,3,5-Trimethylbenzene	ND		ug/kg dry	280	560	100	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/21/2020 09:30	07/21/2020 13:45	SS
541-73-1	1,3-Dichlorobenzene	ND		ug/kg dry	280	560	100	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/21/2020 09:30	07/21/2020 13:45	SS
106-46-7	1,4-Dichlorobenzene	ND		ug/kg dry	280	560	100	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/21/2020 09:30	07/21/2020 13:45	SS
123-91-1	1,4-Dioxane	ND		ug/kg dry	5600	11000	100	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/21/2020 09:30	07/21/2020 13:45	SS
78-93-3	2-Butanone	ND		ug/kg dry	280	560	100	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/21/2020 09:30	07/21/2020 13:45	SS
591-78-6	2-Hexanone	ND		ug/kg dry	280	560	100	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/21/2020 09:30	07/21/2020 13:45	SS
108-10-1	4-Methyl-2-pentanone	ND		ug/kg dry	280	560	100	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/21/2020 09:30	07/21/2020 13:45	SS

Sample Information

Client Sample ID: B-3 **York Sample ID:** 20G0641-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
20G0641	28-34 Pearl Street Port Chester, New York	Soil	July 16, 2020 12:00 am	07/17/2020

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes: Rep-04

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	560	1100	100	EPA 8260C Certifications:	07/21/2020 09:30	07/21/2020 13:45	SS CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
107-02-8	Acrolein	ND		ug/kg dry	560	1100	100	EPA 8260C Certifications:	07/21/2020 09:30	07/21/2020 13:45	SS CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
107-13-1	Acrylonitrile	ND		ug/kg dry	280	560	100	EPA 8260C Certifications:	07/21/2020 09:30	07/21/2020 13:45	SS CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
71-43-2	Benzene	ND		ug/kg dry	280	560	100	EPA 8260C Certifications:	07/21/2020 09:30	07/21/2020 13:45	SS CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
74-97-5	Bromochloromethane	ND		ug/kg dry	280	560	100	EPA 8260C Certifications:	07/21/2020 09:30	07/21/2020 13:45	SS NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
75-27-4	Bromodichloromethane	ND		ug/kg dry	280	560	100	EPA 8260C Certifications:	07/21/2020 09:30	07/21/2020 13:45	SS CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
75-25-2	Bromoform	ND		ug/kg dry	280	560	100	EPA 8260C Certifications:	07/21/2020 09:30	07/21/2020 13:45	SS CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
74-83-9	Bromomethane	ND		ug/kg dry	280	560	100	EPA 8260C Certifications:	07/21/2020 09:30	07/21/2020 13:45	SS CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
75-15-0	**Carbon disulfide**	**650**	CCV-E, B	ug/kg dry	280	560	100	EPA 8260C Certifications:	07/21/2020 09:30	07/21/2020 13:45	SS CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
56-23-5	Carbon tetrachloride	ND		ug/kg dry	280	560	100	EPA 8260C Certifications:	07/21/2020 09:30	07/21/2020 13:45	SS CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
108-90-7	Chlorobenzene	ND		ug/kg dry	280	560	100	EPA 8260C Certifications:	07/21/2020 09:30	07/21/2020 13:45	SS CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
75-00-3	Chloroethane	ND		ug/kg dry	280	560	100	EPA 8260C Certifications:	07/21/2020 09:30	07/21/2020 13:45	SS CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
67-66-3	Chloroform	ND		ug/kg dry	280	560	100	EPA 8260C Certifications:	07/21/2020 09:30	07/21/2020 13:45	SS CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
74-87-3	Chloromethane	ND		ug/kg dry	280	560	100	EPA 8260C Certifications:	07/21/2020 09:30	07/21/2020 13:45	SS CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
156-59-2	cis-1,2-Dichloroethylene	ND		ug/kg dry	280	560	100	EPA 8260C Certifications:	07/21/2020 09:30	07/21/2020 13:45	SS CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/kg dry	280	560	100	EPA 8260C Certifications:	07/21/2020 09:30	07/21/2020 13:45	SS CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
110-82-7	Cyclohexane	ND		ug/kg dry	280	560	100	EPA 8260C Certifications:	07/21/2020 09:30	07/21/2020 13:45	SS NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
124-48-1	Dibromochloromethane	ND		ug/kg dry	280	560	100	EPA 8260C Certifications:	07/21/2020 09:30	07/21/2020 13:45	SS NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
74-95-3	Dibromomethane	ND		ug/kg dry	280	560	100	EPA 8260C Certifications:	07/21/2020 09:30	07/21/2020 13:45	SS NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
75-71-8	Dichlorodifluoromethane	ND		ug/kg dry	280	560	100	EPA 8260C Certifications:	07/21/2020 09:30	07/21/2020 13:45	SS NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
100-41-4	Ethyl Benzene	ND		ug/kg dry	280	560	100	EPA 8260C Certifications:	07/21/2020 09:30	07/21/2020 13:45	SS CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
87-68-3	Hexachlorobutadiene	ND		ug/kg dry	280	560	100	EPA 8260C Certifications:	07/21/2020 09:30	07/21/2020 13:45	SS NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
98-82-8	Isopropylbenzene	ND		ug/kg dry	280	560	100	EPA 8260C Certifications:	07/21/2020 09:30	07/21/2020 13:45	SS CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP

Sample Information

Client Sample ID: B-3 **York Sample ID:** 20G0641-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
20G0641	28-34 Pearl Street Port Chester, New York	Soil	July 16, 2020 12:00 am	07/17/2020

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes: Rep-04

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	280	560	100	EPA 8260C Certifications:	07/21/2020 09:30	07/21/2020 13:45 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	SS
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/kg dry	280	560	100	EPA 8260C Certifications:	07/21/2020 09:30	07/21/2020 13:45 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	SS
108-87-2	Methylcyclohexane	ND		ug/kg dry	280	560	100	EPA 8260C Certifications:	07/21/2020 09:30	07/21/2020 13:45 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	SS
75-09-2	Methylene chloride	ND		ug/kg dry	560	1100	100	EPA 8260C Certifications:	07/21/2020 09:30	07/21/2020 13:45 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	SS
104-51-8	**n-Butylbenzene**	**360**	J	ug/kg dry	280	560	100	EPA 8260C Certifications:	07/21/2020 09:30	07/21/2020 13:45 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	SS
103-65-1	**n-Propylbenzene**	**460**	J	ug/kg dry	280	560	100	EPA 8260C Certifications:	07/21/2020 09:30	07/21/2020 13:45 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	SS
95-47-6	o-Xylene	ND		ug/kg dry	280	560	100	EPA 8260C Certifications:	07/21/2020 09:30	07/21/2020 13:45 CTDOH,NELAC-NY10854,NELAC-NY12058,PADEP	SS
179601-23-1	p- & m- Xylenes	ND		ug/kg dry	560	1100	100	EPA 8260C Certifications:	07/21/2020 09:30	07/21/2020 13:45 CTDOH,NELAC-NY10854,NELAC-NY12058,PADEP	SS
99-87-6	p-Isopropyltoluene	ND		ug/kg dry	280	560	100	EPA 8260C Certifications:	07/21/2020 09:30	07/21/2020 13:45 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	SS
135-98-8	sec-Butylbenzene	ND		ug/kg dry	280	560	100	EPA 8260C Certifications:	07/21/2020 09:30	07/21/2020 13:45 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	SS
100-42-5	Styrene	ND		ug/kg dry	280	560	100	EPA 8260C Certifications:	07/21/2020 09:30	07/21/2020 13:45 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	SS
75-65-0	tert-Butyl alcohol (TBA)	ND		ug/kg dry	280	2800	100	EPA 8260C Certifications:	07/21/2020 09:30	07/21/2020 13:45 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	SS
98-06-6	tert-Butylbenzene	ND		ug/kg dry	280	560	100	EPA 8260C Certifications:	07/21/2020 09:30	07/21/2020 13:45 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	SS
127-18-4	Tetrachloroethylene	ND		ug/kg dry	280	560	100	EPA 8260C Certifications:	07/21/2020 09:30	07/21/2020 13:45 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	SS
108-88-3	Toluene	ND		ug/kg dry	280	560	100	EPA 8260C Certifications:	07/21/2020 09:30	07/21/2020 13:45 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	SS
156-60-5	trans-1,2-Dichloroethylene	ND		ug/kg dry	280	560	100	EPA 8260C Certifications:	07/21/2020 09:30	07/21/2020 13:45 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	SS
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/kg dry	280	560	100	EPA 8260C Certifications:	07/21/2020 09:30	07/21/2020 13:45 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	SS
110-57-6	* trans-1,4-dichloro-2-butene	ND		ug/kg dry	280	560	100	EPA 8260C Certifications:	07/21/2020 09:30	07/21/2020 13:45 CTDOH	SS
79-01-6	Trichloroethylene	ND		ug/kg dry	280	560	100	EPA 8260C Certifications:	07/21/2020 09:30	07/21/2020 13:45 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	SS
75-69-4	Trichlorofluoromethane	ND		ug/kg dry	280	560	100	EPA 8260C Certifications:	07/21/2020 09:30	07/21/2020 13:45 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	SS
75-01-4	Vinyl Chloride	ND		ug/kg dry	280	560	100	EPA 8260C Certifications:	07/21/2020 09:30	07/21/2020 13:45 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	SS
1330-20-7	Xylenes, Total	ND		ug/kg dry	840	1700	100	EPA 8260C Certifications:	07/21/2020 09:30	07/21/2020 13:45 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP	SS

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

Sample Information

Client Sample ID: B-3 **York Sample ID:** 20G0641-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
20G0641	28-34 Pearl Street Port Chester, New York	Soil	July 16, 2020 12:00 am	07/17/2020

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes: Rep-04

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*	*95.4 %*			*85-120*						
460-00-4	*Surrogate: SURR: p-Bromofluorobenzene*	*96.8 %*			*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	46.7	93.1	2	EPA 8270D Certifications:	07/22/2020 05:28 NELAC-NY10854,NJDEP,PADEP	07/22/2020 18:47	KH
95-94-3	1,2,4,5-Tetrachlorobenzene	ND		ug/kg dry	93.1	186	2	EPA 8270D Certifications:	07/22/2020 05:28 NELAC-NY10854,NJDEP,PADEP	07/22/2020 18:47	KH
120-82-1	1,2,4-Trichlorobenzene	ND		ug/kg dry	46.7	93.1	2	EPA 8270D Certifications:	07/22/2020 05:28 CTDOH,NELAC-NY10854,NJDEP,PADEP	07/22/2020 18:47	KH
95-50-1	1,2-Dichlorobenzene	ND		ug/kg dry	46.7	93.1	2	EPA 8270D Certifications:	07/22/2020 05:28 NELAC-NY10854,PADEP	07/22/2020 18:47	KH
122-66-7	1,2-Diphenylhydrazine (as Azobenzene)	ND		ug/kg dry	46.7	93.1	2	EPA 8270D Certifications:	07/22/2020 05:28 NELAC-NY10854,NJDEP,PADEP	07/22/2020 18:47	KH
541-73-1	1,3-Dichlorobenzene	ND		ug/kg dry	46.7	93.1	2	EPA 8270D Certifications:	07/22/2020 05:28 NELAC-NY10854,PADEP	07/22/2020 18:47	KH
106-46-7	1,4-Dichlorobenzene	ND		ug/kg dry	46.7	93.1	2	EPA 8270D Certifications:	07/22/2020 05:28 NELAC-NY10854,PADEP	07/22/2020 18:47	KH
58-90-2	2,3,4,6-Tetrachlorophenol	ND		ug/kg dry	93.1	186	2	EPA 8270D Certifications:	07/22/2020 05:28 NELAC-NY10854,NJDEP,PADEP	07/22/2020 18:47	KH
95-95-4	2,4,5-Trichlorophenol	ND		ug/kg dry	46.7	93.1	2	EPA 8270D Certifications:	07/22/2020 05:28 CTDOH,NELAC-NY10854,NJDEP,PADEP	07/22/2020 18:47	KH
88-06-2	2,4,6-Trichlorophenol	ND		ug/kg dry	46.7	93.1	2	EPA 8270D Certifications:	07/22/2020 05:28 CTDOH,NELAC-NY10854,NJDEP,PADEP	07/22/2020 18:47	KH
120-83-2	2,4-Dichlorophenol	ND		ug/kg dry	46.7	93.1	2	EPA 8270D Certifications:	07/22/2020 05:28 CTDOH,NELAC-NY10854,NJDEP,PADEP	07/22/2020 18:47	KH
105-67-9	2,4-Dimethylphenol	ND		ug/kg dry	46.7	93.1	2	EPA 8270D Certifications:	07/22/2020 05:28 CTDOH,NELAC-NY10854,NJDEP,PADEP	07/22/2020 18:47	KH
51-28-5	2,4-Dinitrophenol	ND		ug/kg dry	93.1	186	2	EPA 8270D Certifications:	07/22/2020 05:28 CTDOH,NELAC-NY10854,NJDEP,PADEP	07/22/2020 18:47	KH
121-14-2	2,4-Dinitrotoluene	ND		ug/kg dry	46.7	93.1	2	EPA 8270D Certifications:	07/22/2020 05:28 CTDOH,NELAC-NY10854,NJDEP,PADEP	07/22/2020 18:47	KH
606-20-2	2,6-Dinitrotoluene	ND		ug/kg dry	46.7	93.1	2	EPA 8270D Certifications:	07/22/2020 05:28 CTDOH,NELAC-NY10854,NJDEP,PADEP	07/22/2020 18:47	KH
91-58-7	2-Chloronaphthalene	ND		ug/kg dry	46.7	93.1	2	EPA 8270D Certifications:	07/22/2020 05:28 CTDOH,NELAC-NY10854,NJDEP,PADEP	07/22/2020 18:47	KH
95-57-8	2-Chlorophenol	ND		ug/kg dry	46.7	93.1	2	EPA 8270D Certifications:	07/22/2020 05:28 CTDOH,NELAC-NY10854,NJDEP,PADEP	07/22/2020 18:47	KH
91-57-6	**2-Methylnaphthalene**	**367**		ug/kg dry	46.7	93.1	2	EPA 8270D Certifications:	07/22/2020 05:28 CTDOH,NELAC-NY10854,NJDEP,PADEP	07/22/2020 18:47	KH
95-48-7	2-Methylphenol	ND		ug/kg dry	46.7	93.1	2	EPA 8270D Certifications:	07/22/2020 05:28 CTDOH,NELAC-NY10854,NJDEP,PADEP	07/22/2020 18:47	KH

Sample Information

Client Sample ID: B-3 **York Sample ID:** 20G0641-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
20G0641	28-34 Pearl Street Port Chester, New York	Soil	July 16, 2020 12:00 am	07/17/2020

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	93.1	186	2	EPA 8270D Certifications:	07/22/2020 05:28	07/22/2020 18:47 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
88-75-5	2-Nitrophenol	ND		ug/kg dry	46.7	93.1	2	EPA 8270D Certifications:	07/22/2020 05:28	07/22/2020 18:47 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
65794-96-9	3- & 4-Methylphenols	ND		ug/kg dry	46.7	93.1	2	EPA 8270D Certifications:	07/22/2020 05:28	07/22/2020 18:47 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
91-94-1	3,3-Dichlorobenzidine	ND		ug/kg dry	46.7	93.1	2	EPA 8270D Certifications:	07/22/2020 05:28	07/22/2020 18:47 NELAC-NY10854,NJDEP,PADEP	KH
99-09-2	3-Nitroaniline	ND		ug/kg dry	93.1	186	2	EPA 8270D Certifications:	07/22/2020 05:28	07/22/2020 18:47 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
534-52-1	4,6-Dinitro-2-methylphenol	ND		ug/kg dry	93.1	186	2	EPA 8270D Certifications:	07/22/2020 05:28	07/22/2020 18:47 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
101-55-3	4-Bromophenyl phenyl ether	ND		ug/kg dry	46.7	93.1	2	EPA 8270D Certifications:	07/22/2020 05:28	07/22/2020 18:47 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
59-50-7	4-Chloro-3-methylphenol	ND		ug/kg dry	46.7	93.1	2	EPA 8270D Certifications:	07/22/2020 05:28	07/22/2020 18:47 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
106-47-8	4-Chloroaniline	ND		ug/kg dry	46.7	93.1	2	EPA 8270D Certifications:	07/22/2020 05:28	07/22/2020 18:47 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
7005-72-3	4-Chlorophenyl phenyl ether	ND		ug/kg dry	46.7	93.1	2	EPA 8270D Certifications:	07/22/2020 05:28	07/22/2020 18:47 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
100-01-6	4-Nitroaniline	ND		ug/kg dry	93.1	186	2	EPA 8270D Certifications:	07/22/2020 05:28	07/22/2020 18:47 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
100-02-7	4-Nitrophenol	ND		ug/kg dry	93.1	186	2	EPA 8270D Certifications:	07/22/2020 05:28	07/22/2020 18:47 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
83-32-9	Acenaphthene	ND		ug/kg dry	46.7	93.1	2	EPA 8270D Certifications:	07/22/2020 05:28	07/22/2020 18:47 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
208-96-8	Acenaphthylene	ND		ug/kg dry	46.7	93.1	2	EPA 8270D Certifications:	07/22/2020 05:28	07/22/2020 18:47 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
98-86-2	Acetophenone	ND		ug/kg dry	46.7	93.1	2	EPA 8270D Certifications:	07/22/2020 05:28	07/22/2020 18:47 NELAC-NY10854,NJDEP,PADEP	KH
62-53-3	Aniline	ND		ug/kg dry	187	373	2	EPA 8270D Certifications:	07/22/2020 05:28	07/22/2020 18:47 NELAC-NY10854,NJDEP,PADEP	KH
120-12-7	Anthracene	ND		ug/kg dry	46.7	93.1	2	EPA 8270D Certifications:	07/22/2020 05:28	07/22/2020 18:47 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
1912-24-9	Atrazine	ND		ug/kg dry	46.7	93.1	2	EPA 8270D Certifications:	07/22/2020 05:28	07/22/2020 18:47 NELAC-NY10854,NJDEP,PADEP	KH
100-52-7	Benzaldehyde	ND		ug/kg dry	46.7	93.1	2	EPA 8270D Certifications:	07/22/2020 05:28	07/22/2020 18:47 NELAC-NY10854,NJDEP,PADEP	KH
92-87-5	Benzidine	ND		ug/kg dry	187	373	2	EPA 8270D Certifications:	07/22/2020 05:28	07/22/2020 18:47 CTDOH,NELAC-NY10854,PADEP	KH
56-55-3	Benzo(a)anthracene	ND		ug/kg dry	46.7	93.1	2	EPA 8270D Certifications:	07/22/2020 05:28	07/22/2020 18:47 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
50-32-8	Benzo(a)pyrene	ND		ug/kg dry	46.7	93.1	2	EPA 8270D Certifications:	07/22/2020 05:28	07/22/2020 18:47 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
205-99-2	Benzo(b)fluoranthene	ND		ug/kg dry	46.7	93.1	2	EPA 8270D Certifications:	07/22/2020 05:28	07/22/2020 18:47 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH

Sample Information

Client Sample ID: B-3 **York Sample ID:** 20G0641-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
20G0641	28-34 Pearl Street Port Chester, New York	Soil	July 16, 2020 12:00 am	07/17/2020

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	46.7	93.1	2	EPA 8270D Certifications:	07/22/2020 05:28	07/22/2020 18:47	KH CTDOH,NELAC-NY10854,NJDEP,PADEP
207-08-9	Benzo(k)fluoranthene	ND		ug/kg dry	46.7	93.1	2	EPA 8270D Certifications:	07/22/2020 05:28	07/22/2020 18:47	KH CTDOH,NELAC-NY10854,NJDEP,PADEP
65-85-0	Benzoic acid	ND		ug/kg dry	46.7	93.1	2	EPA 8270D Certifications:	07/22/2020 05:28	07/22/2020 18:47	KH NELAC-NY10854,NJDEP,PADEP
100-51-6	Benzyl alcohol	ND		ug/kg dry	46.7	93.1	2	EPA 8270D Certifications:	07/22/2020 05:28	07/22/2020 18:47	KH NELAC-NY10854,NJDEP,PADEP
85-68-7	Benzyl butyl phthalate	ND		ug/kg dry	46.7	93.1	2	EPA 8270D Certifications:	07/22/2020 05:28	07/22/2020 18:47	KH CTDOH,NELAC-NY10854,NJDEP,PADEP
111-91-1	Bis(2-chloroethoxy)methane	ND		ug/kg dry	46.7	93.1	2	EPA 8270D Certifications:	07/22/2020 05:28	07/22/2020 18:47	KH CTDOH,NELAC-NY10854,NJDEP,PADEP
111-44-4	Bis(2-chloroethyl)ether	ND		ug/kg dry	46.7	93.1	2	EPA 8270D Certifications:	07/22/2020 05:28	07/22/2020 18:47	KH CTDOH,NELAC-NY10854,NJDEP,PADEP
108-60-1	Bis(2-chloroisopropyl)ether	ND		ug/kg dry	46.7	93.1	2	EPA 8270D Certifications:	07/22/2020 05:28	07/22/2020 18:47	KH CTDOH,NELAC-NY10854,NJDEP,PADEP
117-81-7	Bis(2-ethylhexyl)phthalate	ND		ug/kg dry	46.7	93.1	2	EPA 8270D Certifications:	07/22/2020 05:28	07/22/2020 18:47	KH CTDOH,NELAC-NY10854,NJDEP,PADEP
105-60-2	Caprolactam	ND		ug/kg dry	93.1	186	2	EPA 8270D Certifications:	07/22/2020 05:28	07/22/2020 18:47	KH NELAC-NY10854,NJDEP,PADEP
86-74-8	Carbazole	ND		ug/kg dry	46.7	93.1	2	EPA 8270D Certifications:	07/22/2020 05:28	07/22/2020 18:47	KH CTDOH,NELAC-NY10854,NJDEP,PADEP
218-01-9	Chrysene	ND		ug/kg dry	46.7	93.1	2	EPA 8270D Certifications:	07/22/2020 05:28	07/22/2020 18:47	KH CTDOH,NELAC-NY10854,NJDEP,PADEP
53-70-3	Dibenzo(a,h)anthracene	ND		ug/kg dry	46.7	93.1	2	EPA 8270D Certifications:	07/22/2020 05:28	07/22/2020 18:47	KH CTDOH,NELAC-NY10854,NJDEP,PADEP
132-64-9	Dibenzofuran	ND		ug/kg dry	46.7	93.1	2	EPA 8270D Certifications:	07/22/2020 05:28	07/22/2020 18:47	KH CTDOH,NELAC-NY10854,NJDEP,PADEP
84-66-2	Diethyl phthalate	ND		ug/kg dry	46.7	93.1	2	EPA 8270D Certifications:	07/22/2020 05:28	07/22/2020 18:47	KH CTDOH,NELAC-NY10854,NJDEP,PADEP
131-11-3	Dimethyl phthalate	ND		ug/kg dry	46.7	93.1	2	EPA 8270D Certifications:	07/22/2020 05:28	07/22/2020 18:47	KH CTDOH,NELAC-NY10854,NJDEP,PADEP
84-74-2	Di-n-butyl phthalate	ND		ug/kg dry	46.7	93.1	2	EPA 8270D Certifications:	07/22/2020 05:28	07/22/2020 18:47	KH CTDOH,NELAC-NY10854,NJDEP,PADEP
117-84-0	Di-n-octyl phthalate	ND		ug/kg dry	46.7	93.1	2	EPA 8270D Certifications:	07/22/2020 05:28	07/22/2020 18:47	KH CTDOH,NELAC-NY10854,NJDEP,PADEP
122-39-4	* Diphenylamine	ND		ug/kg dry	93.1	186	2	EPA 8270D Certifications:	07/22/2020 05:28	07/22/2020 18:47	KH
206-44-0	Fluoranthene	ND		ug/kg dry	46.7	93.1	2	EPA 8270D Certifications:	07/22/2020 05:28	07/22/2020 18:47	KH CTDOH,NELAC-NY10854,NJDEP,PADEP
86-73-7	Fluorene	ND		ug/kg dry	46.7	93.1	2	EPA 8270D Certifications:	07/22/2020 05:28	07/22/2020 18:47	KH NELAC-NY10854,NJDEP,PADEP
118-74-1	Hexachlorobenzene	ND		ug/kg dry	46.7	93.1	2	EPA 8270D Certifications:	07/22/2020 05:28	07/22/2020 18:47	KH CTDOH,NELAC-NY10854,NJDEP,PADEP
87-68-3	Hexachlorobutadiene	ND		ug/kg dry	46.7	93.1	2	EPA 8270D Certifications:	07/22/2020 05:28	07/22/2020 18:47	KH CTDOH,NELAC-NY10854,NJDEP,PADEP

Sample Information

Client Sample ID: B-3 **York Sample ID:** 20G0641-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
20G0641	28-34 Pearl Street Port Chester, New York	Soil	July 16, 2020 12:00 am	07/17/2020

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	46.7	93.1	2	EPA 8270D Certifications:	07/22/2020 05:28 CTDOH,NELAC-NY10854,NJDEP,PADEP	07/22/2020 18:47	KH
67-72-1	Hexachloroethane	ND		ug/kg dry	46.7	93.1	2	EPA 8270D Certifications:	07/22/2020 05:28 CTDOH,NELAC-NY10854,NJDEP,PADEP	07/22/2020 18:47	KH
193-39-5	Indeno(1,2,3-cd)pyrene	ND		ug/kg dry	46.7	93.1	2	EPA 8270D Certifications:	07/22/2020 05:28 CTDOH,NELAC-NY10854,NJDEP,PADEP	07/22/2020 18:47	KH
78-59-1	Isophorone	ND		ug/kg dry	46.7	93.1	2	EPA 8270D Certifications:	07/22/2020 05:28 CTDOH,NELAC-NY10854,NJDEP,PADEP	07/22/2020 18:47	KH
91-20-3	**Naphthalene**	**57.3**	J	ug/kg dry	46.7	93.1	2	EPA 8270D Certifications:	07/22/2020 05:28 CTDOH,NELAC-NY10854,NJDEP,PADEP	07/22/2020 18:47	KH
98-95-3	Nitrobenzene	ND		ug/kg dry	46.7	93.1	2	EPA 8270D Certifications:	07/22/2020 05:28 CTDOH,NELAC-NY10854,NJDEP,PADEP	07/22/2020 18:47	KH
62-75-9	N-Nitrosodimethylamine	ND		ug/kg dry	46.7	93.1	2	EPA 8270D Certifications:	07/22/2020 05:28 CTDOH,NELAC-NY10854,NJDEP,PADEP	07/22/2020 18:47	KH
621-64-7	N-nitroso-di-n-propylamine	ND		ug/kg dry	46.7	93.1	2	EPA 8270D Certifications:	07/22/2020 05:28 CTDOH,NELAC-NY10854,NJDEP,PADEP	07/22/2020 18:47	KH
86-30-6	N-Nitrosodiphenylamine	ND		ug/kg dry	46.7	93.1	2	EPA 8270D Certifications:	07/22/2020 05:28 CTDOH,NELAC-NY10854,NJDEP,PADEP	07/22/2020 18:47	KH
87-86-5	Pentachlorophenol	ND		ug/kg dry	46.7	93.1	2	EPA 8270D Certifications:	07/22/2020 05:28 CTDOH,NELAC-NY10854,NJDEP,PADEP	07/22/2020 18:47	KH
85-01-8	Phenanthrene	ND		ug/kg dry	46.7	93.1	2	EPA 8270D Certifications:	07/22/2020 05:28 CTDOH,NELAC-NY10854,NJDEP,PADEP	07/22/2020 18:47	KH
108-95-2	Phenol	ND		ug/kg dry	46.7	93.1	2	EPA 8270D Certifications:	07/22/2020 05:28 CTDOH,NELAC-NY10854,NJDEP,PADEP	07/22/2020 18:47	KH
129-00-0	Pyrene	ND		ug/kg dry	46.7	93.1	2	EPA 8270D Certifications:	07/22/2020 05:28 CTDOH,NELAC-NY10854,NJDEP,PADEP	07/22/2020 18:47	KH

	Surrogate Recoveries	Result	Acceptance Range
367-12-4	*Surrogate: SURR: 2-Fluorophenol*	*61.4 %*	*20-108*
4165-62-2	*Surrogate: SURR: Phenol-d5*	*63.6 %*	*23-114*
4165-60-0	*Surrogate: SURR: Nitrobenzene-d5*	*85.4 %*	*22-108*
321-60-8	*Surrogate: SURR: 2-Fluorobiphenyl*	*64.4 %*	*21-113*
118-79-6	*Surrogate: SURR: 2,4,6-Tribromophenol*	*81.3 %*	*19-110*
1718-51-0	*Surrogate: SURR: Terphenyl-d14*	*74.7 %*	*24-116*

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**	**21100**	B	mg/kg dry	5.62	1	EPA 6010D Certifications:	07/20/2020 08:31 CTDOH,NELAC-NY10854,NJDEP,PADEP	07/21/2020 18:34	KML
7440-36-0	Antimony	ND		mg/kg dry	2.81	1	EPA 6010D Certifications:	07/20/2020 08:31 CTDOH,NELAC-NY10854,NJDEP,PADEP	07/21/2020 18:34	KML
7440-38-2	Arsenic	ND		mg/kg dry	1.69	1	EPA 6010D Certifications:	07/20/2020 08:31 CTDOH,NELAC-NY10854,NJDEP,PADEP	07/21/2020 18:34	KML

Sample Information

Client Sample ID: B-3 **York Sample ID:** 20G0641-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
20G0641	28-34 Pearl Street Port Chester, New York	Soil	July 16, 2020 12:00 am	07/17/2020

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
7440-39-3	**Barium**	**150**		mg/kg dry	2.81	1	EPA 6010D	07/20/2020 08:31	07/21/2020 18:34	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-41-7	Beryllium	ND		mg/kg dry	0.056	1	EPA 6010D	07/20/2020 08:31	07/21/2020 18:34	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-43-9	Cadmium	ND		mg/kg dry	0.337	1	EPA 6010D	07/20/2020 08:31	07/21/2020 18:34	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-70-2	**Calcium**	**3300**		mg/kg dry	5.62	1	EPA 6010D	07/20/2020 08:31	07/21/2020 18:34	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-47-3	**Chromium**	**41.1**		mg/kg dry	0.562	1	EPA 6010D	07/20/2020 08:31	07/21/2020 18:34	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-48-4	**Cobalt**	**20.5**		mg/kg dry	0.450	1	EPA 6010D	07/20/2020 08:31	07/21/2020 18:34	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-50-8	**Copper**	**58.2**		mg/kg dry	2.25	1	EPA 6010D	07/20/2020 08:31	07/21/2020 18:34	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7439-89-6	**Iron**	**36000**		mg/kg dry	28.1	1	EPA 6010D	07/20/2020 08:31	07/21/2020 18:34	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7439-92-1	**Lead**	**55.8**		mg/kg dry	0.562	1	EPA 6010D	07/20/2020 08:31	07/21/2020 18:34	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7439-95-4	**Magnesium**	**7940**		mg/kg dry	5.62	1	EPA 6010D	07/20/2020 08:31	07/21/2020 18:34	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7439-96-5	**Manganese**	**633**		mg/kg dry	0.562	1	EPA 6010D	07/20/2020 08:31	07/21/2020 18:34	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-02-0	**Nickel**	**39.5**		mg/kg dry	1.12	1	EPA 6010D	07/20/2020 08:31	07/21/2020 18:34	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-09-7	**Potassium**	**6300**		mg/kg dry	5.62	1	EPA 6010D	07/20/2020 08:31	07/21/2020 18:34	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7782-49-2	Selenium	ND		mg/kg dry	2.81	1	EPA 6010D	07/20/2020 08:31	07/21/2020 18:34	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-22-4	Silver	ND		mg/kg dry	0.562	1	EPA 6010D	07/20/2020 08:31	07/21/2020 18:34	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-23-5	**Sodium**	**569**		mg/kg dry	56.2	1	EPA 6010D	07/20/2020 08:31	07/21/2020 18:34	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-28-0	Thallium	ND		mg/kg dry	2.81	1	EPA 6010D	07/20/2020 08:31	07/21/2020 18:34	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-62-2	**Vanadium**	**57.3**		mg/kg dry	1.12	1	EPA 6010D	07/20/2020 08:31	07/21/2020 18:34	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-66-6	**Zinc**	**90.0**		mg/kg dry	2.81	1	EPA 6010D	07/20/2020 08:31	07/21/2020 18:34	KML
							Certifications:	CTDOH,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

Sample Information

Client Sample ID: B-3 **York Sample ID:** 20G0641-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
20G0641	28-34 Pearl Street Port Chester, New York	Soil	July 16, 2020 12:00 am	07/17/2020

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**	**0.126**		mg/kg dry	0.0337	1	EPA 7473	07/20/2020 08:35	07/20/2020 10:01	SY
							Certifications: CTDOH,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**	**88.9**		%	0.100	1	SM 2540G	07/20/2020 08:04	07/20/2020 15:06	WJM
							Certifications: CTDOH			

Sample Information

Client Sample ID: B-4 **York Sample ID:** 20G0641-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
20G0641	28-34 Pearl Street Port Chester, New York	Soil	July 16, 2020 12:00 am	07/17/2020

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	07/20/2020 09:30	07/20/2020 19:03	SS
								Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP			
71-55-6	1,1,1-Trichloroethane	ND		ug/kg dry	2.5	5.0	1	EPA 8260C	07/20/2020 09:30	07/20/2020 19:03	SS
								Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP			
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/kg dry	2.5	5.0	1	EPA 8260C	07/20/2020 09:30	07/20/2020 19:03	SS
								Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP			
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/kg dry	2.5	5.0	1	EPA 8260C	07/20/2020 09:30	07/20/2020 19:03	SS
								Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP			
79-00-5	1,1,2-Trichloroethane	ND		ug/kg dry	2.5	5.0	1	EPA 8260C	07/20/2020 09:30	07/20/2020 19:03	SS
								Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP			
75-34-3	1,1-Dichloroethane	ND		ug/kg dry	2.5	5.0	1	EPA 8260C	07/20/2020 09:30	07/20/2020 19:03	SS
								Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP			
75-35-4	1,1-Dichloroethylene	ND		ug/kg dry	2.5	5.0	1	EPA 8260C	07/20/2020 09:30	07/20/2020 19:03	SS
								Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP			
87-61-6	1,2,3-Trichlorobenzene	ND		ug/kg dry	2.5	5.0	1	EPA 8260C	07/20/2020 09:30	07/20/2020 19:03	SS
								Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP			
96-18-4	1,2,3-Trichloropropane	ND		ug/kg dry	2.5	5.0	1	EPA 8260C	07/20/2020 09:30	07/20/2020 19:03	SS
								Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP			
120-82-1	1,2,4-Trichlorobenzene	ND		ug/kg dry	2.5	5.0	1	EPA 8260C	07/20/2020 09:30	07/20/2020 19:03	SS
								Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP			

Sample Information

Client Sample ID: B-4 **York Sample ID:** 20G0641-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
20G0641	28-34 Pearl Street Port Chester, New York	Soil	July 16, 2020 12:00 am	07/17/2020

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
95-63-6	1,2,4-Trimethylbenzene	ND		ug/kg dry	2.5	5.0	1	EPA 8260C Certifications:	07/20/2020 09:30	07/20/2020 19:03 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	SS
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/kg dry	2.5	5.0	1	EPA 8260C Certifications:	07/20/2020 09:30	07/20/2020 19:03 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	SS
106-93-4	1,2-Dibromoethane	ND		ug/kg dry	2.5	5.0	1	EPA 8260C Certifications:	07/20/2020 09:30	07/20/2020 19:03 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	SS
95-50-1	1,2-Dichlorobenzene	ND		ug/kg dry	2.5	5.0	1	EPA 8260C Certifications:	07/20/2020 09:30	07/20/2020 19:03 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	SS
107-06-2	1,2-Dichloroethane	ND		ug/kg dry	2.5	5.0	1	EPA 8260C Certifications:	07/20/2020 09:30	07/20/2020 19:03 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	SS
78-87-5	1,2-Dichloropropane	ND		ug/kg dry	2.5	5.0	1	EPA 8260C Certifications:	07/20/2020 09:30	07/20/2020 19:03 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	SS
108-67-8	1,3,5-Trimethylbenzene	ND		ug/kg dry	2.5	5.0	1	EPA 8260C Certifications:	07/20/2020 09:30	07/20/2020 19:03 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	SS
541-73-1	1,3-Dichlorobenzene	ND		ug/kg dry	2.5	5.0	1	EPA 8260C Certifications:	07/20/2020 09:30	07/20/2020 19:03 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	SS
106-46-7	1,4-Dichlorobenzene	ND		ug/kg dry	2.5	5.0	1	EPA 8260C Certifications:	07/20/2020 09:30	07/20/2020 19:03 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	SS
123-91-1	1,4-Dioxane	ND		ug/kg dry	50	100	1	EPA 8260C Certifications:	07/20/2020 09:30	07/20/2020 19:03 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	SS
78-93-3	2-Butanone	ND		ug/kg dry	2.5	5.0	1	EPA 8260C Certifications:	07/20/2020 09:30	07/20/2020 19:03 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	SS
591-78-6	2-Hexanone	ND		ug/kg dry	2.5	5.0	1	EPA 8260C Certifications:	07/20/2020 09:30	07/20/2020 19:03 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	SS
108-10-1	4-Methyl-2-pentanone	ND		ug/kg dry	2.5	5.0	1	EPA 8260C Certifications:	07/20/2020 09:30	07/20/2020 19:03 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	SS
67-64-1	Acetone	ND		ug/kg dry	5.0	10	1	EPA 8260C Certifications:	07/20/2020 09:30	07/20/2020 19:03 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	SS
107-02-8	Acrolein	ND		ug/kg dry	5.0	10	1	EPA 8260C Certifications:	07/20/2020 09:30	07/20/2020 19:03 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	SS
107-13-1	Acrylonitrile	ND		ug/kg dry	2.5	5.0	1	EPA 8260C Certifications:	07/20/2020 09:30	07/20/2020 19:03 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	SS
71-43-2	Benzene	ND		ug/kg dry	2.5	5.0	1	EPA 8260C Certifications:	07/20/2020 09:30	07/20/2020 19:03 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	SS
74-97-5	Bromochloromethane	ND		ug/kg dry	2.5	5.0	1	EPA 8260C Certifications:	07/20/2020 09:30	07/20/2020 19:03 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	SS
75-27-4	Bromodichloromethane	ND		ug/kg dry	2.5	5.0	1	EPA 8260C Certifications:	07/20/2020 09:30	07/20/2020 19:03 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	SS
75-25-2	Bromoform	ND		ug/kg dry	2.5	5.0	1	EPA 8260C Certifications:	07/20/2020 09:30	07/20/2020 19:03 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	SS
74-83-9	Bromomethane	ND		ug/kg dry	2.5	5.0	1	EPA 8260C Certifications:	07/20/2020 09:30	07/20/2020 19:03 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	SS
75-15-0	**Carbon disulfide**	**5.9**	CCV-E, B	ug/kg dry	2.5	5.0	1	EPA 8260C Certifications:	07/20/2020 09:30	07/20/2020 19:03 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	SS
56-23-5	Carbon tetrachloride	ND		ug/kg dry	2.5	5.0	1	EPA 8260C Certifications:	07/20/2020 09:30	07/20/2020 19:03 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	SS

Sample Information

Client Sample ID: B-4 **York Sample ID:** 20G0641-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
20G0641	28-34 Pearl Street Port Chester, New York	Soil	July 16, 2020 12:00 am	07/17/2020

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
108-90-7	Chlorobenzene	ND		ug/kg dry	2.5	5.0	1	EPA 8260C Certifications:	07/20/2020 09:30	07/20/2020 19:03 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	SS
75-00-3	Chloroethane	ND		ug/kg dry	2.5	5.0	1	EPA 8260C Certifications:	07/20/2020 09:30	07/20/2020 19:03 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	SS
67-66-3	Chloroform	ND		ug/kg dry	2.5	5.0	1	EPA 8260C Certifications:	07/20/2020 09:30	07/20/2020 19:03 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	SS
74-87-3	Chloromethane	ND		ug/kg dry	2.5	5.0	1	EPA 8260C Certifications:	07/20/2020 09:30	07/20/2020 19:03 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	SS
156-59-2	cis-1,2-Dichloroethylene	ND		ug/kg dry	2.5	5.0	1	EPA 8260C Certifications:	07/20/2020 09:30	07/20/2020 19:03 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	SS
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/kg dry	2.5	5.0	1	EPA 8260C Certifications:	07/20/2020 09:30	07/20/2020 19:03 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	SS
110-82-7	**Cyclohexane**	**5.2**		ug/kg dry	2.5	5.0	1	EPA 8260C Certifications:	07/20/2020 09:30	07/20/2020 19:03 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	SS
124-48-1	Dibromochloromethane	ND		ug/kg dry	2.5	5.0	1	EPA 8260C Certifications:	07/20/2020 09:30	07/20/2020 19:03 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	SS
74-95-3	Dibromomethane	ND		ug/kg dry	2.5	5.0	1	EPA 8260C Certifications:	07/20/2020 09:30	07/20/2020 19:03 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	SS
75-71-8	Dichlorodifluoromethane	ND		ug/kg dry	2.5	5.0	1	EPA 8260C Certifications:	07/20/2020 09:30	07/20/2020 19:03 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	SS
100-41-4	Ethyl Benzene	ND		ug/kg dry	2.5	5.0	1	EPA 8260C Certifications:	07/20/2020 09:30	07/20/2020 19:03 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	SS
87-68-3	Hexachlorobutadiene	ND		ug/kg dry	2.5	5.0	1	EPA 8260C Certifications:	07/20/2020 09:30	07/20/2020 19:03 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	SS
98-82-8	Isopropylbenzene	ND		ug/kg dry	2.5	5.0	1	EPA 8260C Certifications:	07/20/2020 09:30	07/20/2020 19:03 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	SS
79-20-9	Methyl acetate	ND		ug/kg dry	2.5	5.0	1	EPA 8260C Certifications:	07/20/2020 09:30	07/20/2020 19:03 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	SS
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/kg dry	2.5	5.0	1	EPA 8260C Certifications:	07/20/2020 09:30	07/20/2020 19:03 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	SS
108-87-2	**Methylcyclohexane**	**4.1**	J	ug/kg dry	2.5	5.0	1	EPA 8260C Certifications:	07/20/2020 09:30	07/20/2020 19:03 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	SS
75-09-2	Methylene chloride	ND		ug/kg dry	5.0	10	1	EPA 8260C Certifications:	07/20/2020 09:30	07/20/2020 19:03 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	SS
104-51-8	n-Butylbenzene	ND		ug/kg dry	2.5	5.0	1	EPA 8260C Certifications:	07/20/2020 09:30	07/20/2020 19:03 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	SS
103-65-1	n-Propylbenzene	ND		ug/kg dry	2.5	5.0	1	EPA 8260C Certifications:	07/20/2020 09:30	07/20/2020 19:03 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	SS
95-47-6	o-Xylene	ND		ug/kg dry	2.5	5.0	1	EPA 8260C Certifications:	07/20/2020 09:30	07/20/2020 19:03 CTDOH,NELAC-NY10854,NELAC-NY12058,PADEP	SS
179601-23-1	p- & m- Xylenes	ND		ug/kg dry	5.0	10	1	EPA 8260C Certifications:	07/20/2020 09:30	07/20/2020 19:03 CTDOH,NELAC-NY10854,NELAC-NY12058,PADEP	SS
99-87-6	p-Isopropyltoluene	ND		ug/kg dry	2.5	5.0	1	EPA 8260C Certifications:	07/20/2020 09:30	07/20/2020 19:03 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	SS
135-98-8	sec-Butylbenzene	ND		ug/kg dry	2.5	5.0	1	EPA 8260C Certifications:	07/20/2020 09:30	07/20/2020 19:03 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	SS

Sample Information

Client Sample ID: B-4 **York Sample ID:** 20G0641-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
20G0641	28-34 Pearl Street Port Chester, New York	Soil	July 16, 2020 12:00 am	07/17/2020

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
100-42-5	Styrene	ND		ug/kg dry	2.5	5.0	1	EPA 8260C Certifications:	07/20/2020 09:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/20/2020 19:03	SS
75-65-0	tert-Butyl alcohol (TBA)	ND		ug/kg dry	2.5	25	1	EPA 8260C Certifications:	07/20/2020 09:30 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/20/2020 19:03	SS
98-06-6	tert-Butylbenzene	ND		ug/kg dry	2.5	5.0	1	EPA 8260C Certifications:	07/20/2020 09:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/20/2020 19:03	SS
127-18-4	Tetrachloroethylene	ND		ug/kg dry	2.5	5.0	1	EPA 8260C Certifications:	07/20/2020 09:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/20/2020 19:03	SS
108-88-3	Toluene	ND		ug/kg dry	2.5	5.0	1	EPA 8260C Certifications:	07/20/2020 09:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/20/2020 19:03	SS
156-60-5	trans-1,2-Dichloroethylene	ND		ug/kg dry	2.5	5.0	1	EPA 8260C Certifications:	07/20/2020 09:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/20/2020 19:03	SS
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/kg dry	2.5	5.0	1	EPA 8260C Certifications:	07/20/2020 09:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/20/2020 19:03	SS
110-57-6	* trans-1,4-dichloro-2-butene	ND		ug/kg dry	2.5	5.0	1	EPA 8260C Certifications:	07/20/2020 09:30 CTDOH	07/20/2020 19:03	SS
79-01-6	Trichloroethylene	ND		ug/kg dry	2.5	5.0	1	EPA 8260C Certifications:	07/20/2020 09:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/20/2020 19:03	SS
75-69-4	Trichlorofluoromethane	ND		ug/kg dry	2.5	5.0	1	EPA 8260C Certifications:	07/20/2020 09:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/20/2020 19:03	SS
75-01-4	Vinyl Chloride	ND		ug/kg dry	2.5	5.0	1	EPA 8260C Certifications:	07/20/2020 09:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/20/2020 19:03	SS
1330-20-7	Xylenes, Total	ND		ug/kg dry	7.6	15	1	EPA 8260C Certifications:	07/20/2020 09:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP	07/20/2020 19:03	SS

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: SURR: 1,2-Dichloroethane-d4*	*99.4 %*	*77-125*
2037-26-5	*Surrogate: SURR: Toluene-d8*	*98.1 %*	*85-120*
460-00-4	*Surrogate: SURR: p-Bromofluorobenzene*	*102 %*	*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	45.3	90.3	2	EPA 8270D Certifications:	07/22/2020 05:28 NELAC-NY10854,NJDEP,PADEP	07/22/2020 19:16	KH
95-94-3	1,2,4,5-Tetrachlorobenzene	ND		ug/kg dry	90.3	180	2	EPA 8270D Certifications:	07/22/2020 05:28 NELAC-NY10854,NJDEP,PADEP	07/22/2020 19:16	KH
120-82-1	1,2,4-Trichlorobenzene	ND		ug/kg dry	45.3	90.3	2	EPA 8270D Certifications:	07/22/2020 05:28 CTDOH,NELAC-NY10854,NJDEP,PADEP	07/22/2020 19:16	KH
95-50-1	1,2-Dichlorobenzene	ND		ug/kg dry	45.3	90.3	2	EPA 8270D Certifications:	07/22/2020 05:28 NELAC-NY10854,PADEP	07/22/2020 19:16	KH
122-66-7	1,2-Diphenylhydrazine (as Azobenzene)	ND		ug/kg dry	45.3	90.3	2	EPA 8270D Certifications:	07/22/2020 05:28 NELAC-NY10854,NJDEP,PADEP	07/22/2020 19:16	KH

Sample Information

Client Sample ID: B-4 **York Sample ID:** 20G0641-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
20G0641	28-34 Pearl Street Port Chester, New York	Soil	July 16, 2020 12:00 am	07/17/2020

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
541-73-1	1,3-Dichlorobenzene	ND		ug/kg dry	45.3	90.3	2	EPA 8270D Certifications:	07/22/2020 05:28 NELAC-NY10854,PADEP	07/22/2020 19:16	KH
106-46-7	1,4-Dichlorobenzene	ND		ug/kg dry	45.3	90.3	2	EPA 8270D Certifications:	07/22/2020 05:28 NELAC-NY10854,PADEP	07/22/2020 19:16	KH
58-90-2	2,3,4,6-Tetrachlorophenol	ND		ug/kg dry	90.3	180	2	EPA 8270D Certifications:	07/22/2020 05:28 NELAC-NY10854,NJDEP,PADEP	07/22/2020 19:16	KH
95-95-4	2,4,5-Trichlorophenol	ND		ug/kg dry	45.3	90.3	2	EPA 8270D Certifications:	07/22/2020 05:28 CTDOH,NELAC-NY10854,NJDEP,PADEP	07/22/2020 19:16	KH
88-06-2	2,4,6-Trichlorophenol	ND		ug/kg dry	45.3	90.3	2	EPA 8270D Certifications:	07/22/2020 05:28 CTDOH,NELAC-NY10854,NJDEP,PADEP	07/22/2020 19:16	KH
120-83-2	2,4-Dichlorophenol	ND		ug/kg dry	45.3	90.3	2	EPA 8270D Certifications:	07/22/2020 05:28 CTDOH,NELAC-NY10854,NJDEP,PADEP	07/22/2020 19:16	KH
105-67-9	2,4-Dimethylphenol	ND		ug/kg dry	45.3	90.3	2	EPA 8270D Certifications:	07/22/2020 05:28 CTDOH,NELAC-NY10854,NJDEP,PADEP	07/22/2020 19:16	KH
51-28-5	2,4-Dinitrophenol	ND		ug/kg dry	90.3	180	2	EPA 8270D Certifications:	07/22/2020 05:28 CTDOH,NELAC-NY10854,NJDEP,PADEP	07/22/2020 19:16	KH
121-14-2	2,4-Dinitrotoluene	ND		ug/kg dry	45.3	90.3	2	EPA 8270D Certifications:	07/22/2020 05:28 CTDOH,NELAC-NY10854,NJDEP,PADEP	07/22/2020 19:16	KH
606-20-2	2,6-Dinitrotoluene	ND		ug/kg dry	45.3	90.3	2	EPA 8270D Certifications:	07/22/2020 05:28 CTDOH,NELAC-NY10854,NJDEP,PADEP	07/22/2020 19:16	KH
91-58-7	2-Chloronaphthalene	ND		ug/kg dry	45.3	90.3	2	EPA 8270D Certifications:	07/22/2020 05:28 CTDOH,NELAC-NY10854,NJDEP,PADEP	07/22/2020 19:16	KH
95-57-8	2-Chlorophenol	ND		ug/kg dry	45.3	90.3	2	EPA 8270D Certifications:	07/22/2020 05:28 CTDOH,NELAC-NY10854,NJDEP,PADEP	07/22/2020 19:16	KH
91-57-6	2-Methylnaphthalene	ND		ug/kg dry	45.3	90.3	2	EPA 8270D Certifications:	07/22/2020 05:28 CTDOH,NELAC-NY10854,NJDEP,PADEP	07/22/2020 19:16	KH
95-48-7	2-Methylphenol	ND		ug/kg dry	45.3	90.3	2	EPA 8270D Certifications:	07/22/2020 05:28 CTDOH,NELAC-NY10854,NJDEP,PADEP	07/22/2020 19:16	KH
88-74-4	2-Nitroaniline	ND		ug/kg dry	90.3	180	2	EPA 8270D Certifications:	07/22/2020 05:28 CTDOH,NELAC-NY10854,NJDEP,PADEP	07/22/2020 19:16	KH
88-75-5	2-Nitrophenol	ND		ug/kg dry	45.3	90.3	2	EPA 8270D Certifications:	07/22/2020 05:28 CTDOH,NELAC-NY10854,NJDEP,PADEP	07/22/2020 19:16	KH
65794-96-9	3- & 4-Methylphenols	ND		ug/kg dry	45.3	90.3	2	EPA 8270D Certifications:	07/22/2020 05:28 CTDOH,NELAC-NY10854,NJDEP,PADEP	07/22/2020 19:16	KH
91-94-1	3,3-Dichlorobenzidine	ND		ug/kg dry	45.3	90.3	2	EPA 8270D Certifications:	07/22/2020 05:28 NELAC-NY10854,NJDEP,PADEP	07/22/2020 19:16	KH
99-09-2	3-Nitroaniline	ND		ug/kg dry	90.3	180	2	EPA 8270D Certifications:	07/22/2020 05:28 CTDOH,NELAC-NY10854,NJDEP,PADEP	07/22/2020 19:16	KH
534-52-1	4,6-Dinitro-2-methylphenol	ND		ug/kg dry	90.3	180	2	EPA 8270D Certifications:	07/22/2020 05:28 CTDOH,NELAC-NY10854,NJDEP,PADEP	07/22/2020 19:16	KH
101-55-3	4-Bromophenyl phenyl ether	ND		ug/kg dry	45.3	90.3	2	EPA 8270D Certifications:	07/22/2020 05:28 CTDOH,NELAC-NY10854,NJDEP,PADEP	07/22/2020 19:16	KH
59-50-7	4-Chloro-3-methylphenol	ND		ug/kg dry	45.3	90.3	2	EPA 8270D Certifications:	07/22/2020 05:28 CTDOH,NELAC-NY10854,NJDEP,PADEP	07/22/2020 19:16	KH
106-47-8	4-Chloroaniline	ND		ug/kg dry	45.3	90.3	2	EPA 8270D Certifications:	07/22/2020 05:28 CTDOH,NELAC-NY10854,NJDEP,PADEP	07/22/2020 19:16	KH

Sample Information

Client Sample ID: B-4 **York Sample ID:** 20G0641-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
20G0641	28-34 Pearl Street Port Chester, New York	Soil	July 16, 2020 12:00 am	07/17/2020

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
7005-72-3	4-Chlorophenyl phenyl ether	ND		ug/kg dry	45.3	90.3	2	EPA 8270D Certifications:	07/22/2020 05:28	07/22/2020 19:16 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
100-01-6	4-Nitroaniline	ND		ug/kg dry	90.3	180	2	EPA 8270D Certifications:	07/22/2020 05:28	07/22/2020 19:16 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
100-02-7	4-Nitrophenol	ND		ug/kg dry	90.3	180	2	EPA 8270D Certifications:	07/22/2020 05:28	07/22/2020 19:16 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
83-32-9	Acenaphthene	ND		ug/kg dry	45.3	90.3	2	EPA 8270D Certifications:	07/22/2020 05:28	07/22/2020 19:16 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
208-96-8	Acenaphthylene	ND		ug/kg dry	45.3	90.3	2	EPA 8270D Certifications:	07/22/2020 05:28	07/22/2020 19:16 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
98-86-2	Acetophenone	ND		ug/kg dry	45.3	90.3	2	EPA 8270D Certifications:	07/22/2020 05:28	07/22/2020 19:16 NELAC-NY10854,NJDEP,PADEP	KH
62-53-3	Aniline	ND		ug/kg dry	181	362	2	EPA 8270D Certifications:	07/22/2020 05:28	07/22/2020 19:16 NELAC-NY10854,NJDEP,PADEP	KH
120-12-7	Anthracene	ND		ug/kg dry	45.3	90.3	2	EPA 8270D Certifications:	07/22/2020 05:28	07/22/2020 19:16 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
1912-24-9	Atrazine	ND		ug/kg dry	45.3	90.3	2	EPA 8270D Certifications:	07/22/2020 05:28	07/22/2020 19:16 NELAC-NY10854,NJDEP,PADEP	KH
100-52-7	Benzaldehyde	ND		ug/kg dry	45.3	90.3	2	EPA 8270D Certifications:	07/22/2020 05:28	07/22/2020 19:16 NELAC-NY10854,NJDEP,PADEP	KH
92-87-5	Benzidine	ND		ug/kg dry	181	362	2	EPA 8270D Certifications:	07/22/2020 05:28	07/22/2020 19:16 CTDOH,NELAC-NY10854,PADEP	KH
56-55-3	**Benzo(a)anthracene**	**52.7**	J	ug/kg dry	45.3	90.3	2	EPA 8270D Certifications:	07/22/2020 05:28	07/22/2020 19:16 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
50-32-8	**Benzo(a)pyrene**	**54.9**	J	ug/kg dry	45.3	90.3	2	EPA 8270D Certifications:	07/22/2020 05:28	07/22/2020 19:16 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
205-99-2	Benzo(b)fluoranthene	ND		ug/kg dry	45.3	90.3	2	EPA 8270D Certifications:	07/22/2020 05:28	07/22/2020 19:16 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
191-24-2	**Benzo(g,h,i)perylene**	**46.9**	J	ug/kg dry	45.3	90.3	2	EPA 8270D Certifications:	07/22/2020 05:28	07/22/2020 19:16 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
207-08-9	Benzo(k)fluoranthene	ND		ug/kg dry	45.3	90.3	2	EPA 8270D Certifications:	07/22/2020 05:28	07/22/2020 19:16 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
65-85-0	Benzoic acid	ND		ug/kg dry	45.3	90.3	2	EPA 8270D Certifications:	07/22/2020 05:28	07/22/2020 19:16 NELAC-NY10854,NJDEP,PADEP	KH
100-51-6	Benzyl alcohol	ND		ug/kg dry	45.3	90.3	2	EPA 8270D Certifications:	07/22/2020 05:28	07/22/2020 19:16 NELAC-NY10854,NJDEP,PADEP	KH
85-68-7	**Benzyl butyl phthalate**	**357**		ug/kg dry	45.3	90.3	2	EPA 8270D Certifications:	07/22/2020 05:28	07/22/2020 19:16 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
111-91-1	Bis(2-chloroethoxy)methane	ND		ug/kg dry	45.3	90.3	2	EPA 8270D Certifications:	07/22/2020 05:28	07/22/2020 19:16 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
111-44-4	Bis(2-chloroethyl)ether	ND		ug/kg dry	45.3	90.3	2	EPA 8270D Certifications:	07/22/2020 05:28	07/22/2020 19:16 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
108-60-1	Bis(2-chloroisopropyl)ether	ND		ug/kg dry	45.3	90.3	2	EPA 8270D Certifications:	07/22/2020 05:28	07/22/2020 19:16 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
117-81-7	Bis(2-ethylhexyl)phthalate	ND		ug/kg dry	45.3	90.3	2	EPA 8270D Certifications:	07/22/2020 05:28	07/22/2020 19:16 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH

Sample Information

Client Sample ID: B-4 **York Sample ID:** 20G0641-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
20G0641	28-34 Pearl Street Port Chester, New York	Soil	July 16, 2020 12:00 am	07/17/2020

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
105-60-2	Caprolactam	ND		ug/kg dry	90.3	180	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	07/22/2020 05:28	07/22/2020 19:16	KH
86-74-8	Carbazole	ND		ug/kg dry	45.3	90.3	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/22/2020 05:28	07/22/2020 19:16	KH
218-01-9	**Chrysene**	**52.0**	J	ug/kg dry	45.3	90.3	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/22/2020 05:28	07/22/2020 19:16	KH
53-70-3	Dibenzo(a,h)anthracene	ND		ug/kg dry	45.3	90.3	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/22/2020 05:28	07/22/2020 19:16	KH
132-64-9	Dibenzofuran	ND		ug/kg dry	45.3	90.3	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/22/2020 05:28	07/22/2020 19:16	KH
84-66-2	Diethyl phthalate	ND		ug/kg dry	45.3	90.3	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/22/2020 05:28	07/22/2020 19:16	KH
131-11-3	Dimethyl phthalate	ND		ug/kg dry	45.3	90.3	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/22/2020 05:28	07/22/2020 19:16	KH
84-74-2	Di-n-butyl phthalate	ND		ug/kg dry	45.3	90.3	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/22/2020 05:28	07/22/2020 19:16	KH
117-84-0	Di-n-octyl phthalate	ND		ug/kg dry	45.3	90.3	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/22/2020 05:28	07/22/2020 19:16	KH
122-39-4	* Diphenylamine	ND		ug/kg dry	90.3	180	2	EPA 8270D Certifications:	07/22/2020 05:28	07/22/2020 19:16	KH
206-44-0	**Fluoranthene**	**98.2**		ug/kg dry	45.3	90.3	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/22/2020 05:28	07/22/2020 19:16	KH
86-73-7	Fluorene	ND		ug/kg dry	45.3	90.3	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	07/22/2020 05:28	07/22/2020 19:16	KH
118-74-1	Hexachlorobenzene	ND		ug/kg dry	45.3	90.3	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/22/2020 05:28	07/22/2020 19:16	KH
87-68-3	Hexachlorobutadiene	ND		ug/kg dry	45.3	90.3	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/22/2020 05:28	07/22/2020 19:16	KH
77-47-4	Hexachlorocyclopentadiene	ND		ug/kg dry	45.3	90.3	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/22/2020 05:28	07/22/2020 19:16	KH
67-72-1	Hexachloroethane	ND		ug/kg dry	45.3	90.3	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/22/2020 05:28	07/22/2020 19:16	KH
193-39-5	Indeno(1,2,3-cd)pyrene	ND		ug/kg dry	45.3	90.3	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/22/2020 05:28	07/22/2020 19:16	KH
78-59-1	Isophorone	ND		ug/kg dry	45.3	90.3	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/22/2020 05:28	07/22/2020 19:16	KH
91-20-3	Naphthalene	ND		ug/kg dry	45.3	90.3	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/22/2020 05:28	07/22/2020 19:16	KH
98-95-3	Nitrobenzene	ND		ug/kg dry	45.3	90.3	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/22/2020 05:28	07/22/2020 19:16	KH
62-75-9	N-Nitrosodimethylamine	ND		ug/kg dry	45.3	90.3	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/22/2020 05:28	07/22/2020 19:16	KH
621-64-7	N-nitroso-di-n-propylamine	ND		ug/kg dry	45.3	90.3	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/22/2020 05:28	07/22/2020 19:16	KH
86-30-6	N-Nitrosodiphenylamine	ND		ug/kg dry	45.3	90.3	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/22/2020 05:28	07/22/2020 19:16	KH

Sample Information

Client Sample ID: B-4 **York Sample ID:** 20G0641-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
20G0641	28-34 Pearl Street Port Chester, New York	Soil	July 16, 2020 12:00 am	07/17/2020

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
87-86-5	Pentachlorophenol	ND		ug/kg dry	45.3	90.3	2	EPA 8270D Certifications:	07/22/2020 05:28 CTDOH,NELAC-NY10854,NJDEP,PADEP	07/22/2020 19:16	KH
85-01-8	**Phenanthrene**	**87.4**	J	ug/kg dry	45.3	90.3	2	EPA 8270D Certifications:	07/22/2020 05:28 CTDOH,NELAC-NY10854,NJDEP,PADEP	07/22/2020 19:16	KH
108-95-2	Phenol	ND		ug/kg dry	45.3	90.3	2	EPA 8270D Certifications:	07/22/2020 05:28 CTDOH,NELAC-NY10854,NJDEP,PADEP	07/22/2020 19:16	KH
129-00-0	**Pyrene**	**88.1**	J	ug/kg dry	45.3	90.3	2	EPA 8270D Certifications:	07/22/2020 05:28 CTDOH,NELAC-NY10854,NJDEP,PADEP	07/22/2020 19:16	KH

	Surrogate Recoveries	Result	Acceptance Range
367-12-4	*Surrogate: SURR: 2-Fluorophenol*	*46.1 %*	*20-108*
4165-62-2	*Surrogate: SURR: Phenol-d5*	*50.7 %*	*23-114*
4165-60-0	*Surrogate: SURR: Nitrobenzene-d5*	*65.4 %*	*22-108*
321-60-8	*Surrogate: SURR: 2-Fluorobiphenyl*	*46.7 %*	*21-113*
118-79-6	*Surrogate: SURR: 2,4,6-Tribromophenol*	*62.1 %*	*19-110*
1718-51-0	*Surrogate: SURR: Terphenyl-d14*	*54.4 %*	*24-116*

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**	**15200**	B	mg/kg dry	5.47	1	EPA 6010D Certifications:	07/20/2020 08:31 CTDOH,NELAC-NY10854,NJDEP,PADEP	07/21/2020 18:37	KML
7440-36-0	Antimony	ND		mg/kg dry	2.73	1	EPA 6010D Certifications:	07/20/2020 08:31 CTDOH,NELAC-NY10854,NJDEP,PADEP	07/21/2020 18:37	KML
7440-38-2	**Arsenic**	**4.32**		mg/kg dry	1.64	1	EPA 6010D Certifications:	07/20/2020 08:31 CTDOH,NELAC-NY10854,NJDEP,PADEP	07/21/2020 18:37	KML
7440-39-3	**Barium**	**86.5**		mg/kg dry	2.73	1	EPA 6010D Certifications:	07/20/2020 08:31 CTDOH,NELAC-NY10854,NJDEP,PADEP	07/21/2020 18:37	KML
7440-41-7	Beryllium	ND		mg/kg dry	0.055	1	EPA 6010D Certifications:	07/20/2020 08:31 CTDOH,NELAC-NY10854,NJDEP,PADEP	07/21/2020 18:37	KML
7440-43-9	Cadmium	ND		mg/kg dry	0.328	1	EPA 6010D Certifications:	07/20/2020 08:31 CTDOH,NELAC-NY10854,NJDEP,PADEP	07/21/2020 18:37	KML
7440-70-2	**Calcium**	**12300**		mg/kg dry	5.47	1	EPA 6010D Certifications:	07/20/2020 08:31 CTDOH,NELAC-NY10854,NJDEP,PADEP	07/21/2020 18:37	KML
7440-47-3	**Chromium**	**22.3**		mg/kg dry	0.547	1	EPA 6010D Certifications:	07/20/2020 08:31 CTDOH,NELAC-NY10854,NJDEP,PADEP	07/21/2020 18:37	KML
7440-48-4	**Cobalt**	**13.6**		mg/kg dry	0.438	1	EPA 6010D Certifications:	07/20/2020 08:31 CTDOH,NELAC-NY10854,NJDEP,PADEP	07/21/2020 18:37	KML
7440-50-8	**Copper**	**46.5**		mg/kg dry	2.19	1	EPA 6010D Certifications:	07/20/2020 08:31 CTDOH,NELAC-NY10854,NJDEP,PADEP	07/21/2020 18:37	KML
7439-89-6	**Iron**	**26700**		mg/kg dry	27.3	1	EPA 6010D Certifications:	07/20/2020 08:31 CTDOH,NELAC-NY10854,NJDEP,PADEP	07/21/2020 18:37	KML

Sample Information

Client Sample ID: B-4 **York Sample ID:** 20G0641-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
20G0641	28-34 Pearl Street Port Chester, New York	Soil	July 16, 2020 12:00 am	07/17/2020

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
7439-92-1	**Lead**	**85.2**		mg/kg dry	0.547	1	EPA 6010D	07/20/2020 08:31	07/21/2020 18:37	KML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7439-95-4	**Magnesium**	**11700**		mg/kg dry	5.47	1	EPA 6010D	07/20/2020 08:31	07/21/2020 18:37	KML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7439-96-5	**Manganese**	**347**		mg/kg dry	0.547	1	EPA 6010D	07/20/2020 08:31	07/21/2020 18:37	KML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-02-0	**Nickel**	**27.6**		mg/kg dry	1.09	1	EPA 6010D	07/20/2020 08:31	07/21/2020 18:37	KML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-09-7	**Potassium**	**3620**		mg/kg dry	5.47	1	EPA 6010D	07/20/2020 08:31	07/21/2020 18:37	KML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7782-49-2	Selenium	ND		mg/kg dry	2.73	1	EPA 6010D	07/20/2020 08:31	07/21/2020 18:37	KML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-22-4	Silver	ND		mg/kg dry	0.547	1	EPA 6010D	07/20/2020 08:31	07/21/2020 18:37	KML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-23-5	**Sodium**	**756**		mg/kg dry	54.7	1	EPA 6010D	07/20/2020 08:31	07/21/2020 18:37	KML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-28-0	Thallium	ND		mg/kg dry	2.73	1	EPA 6010D	07/20/2020 08:31	07/21/2020 18:37	KML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-62-2	**Vanadium**	**31.7**		mg/kg dry	1.09	1	EPA 6010D	07/20/2020 08:31	07/21/2020 18:37	KML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-66-6	**Zinc**	**126**		mg/kg dry	2.73	1	EPA 6010D	07/20/2020 08:31	07/21/2020 18:37	KML
							Certifications: CTDOH,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**	**0.177**		mg/kg dry	0.0328	1	EPA 7473	07/20/2020 08:35	07/20/2020 10:10	SY
							Certifications: CTDOH,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	07/20/2020 08:04	07/20/2020 15:06	WJM
							Certifications: CTDOH			

Sample Information

Client Sample ID: B-5 **York Sample ID:** 20G0641-05

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
20G0641	28-34 Pearl Street Port Chester, New York	Soil	July 16, 2020 12:00 am	07/17/2020

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 Certifications:	07/20/2020 09:30	07/20/2020 19:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	SS
71-55-6	1,1,1-Trichloroethane	ND		ug/kg dry	2.1	4.3	1	EPA 8260C Certifications:	07/20/2020 09:30	07/20/2020 19:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	SS
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/kg dry	2.1	4.3	1	EPA 8260C Certifications:	07/20/2020 09:30	07/20/2020 19:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	SS
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/kg dry	2.1	4.3	1	EPA 8260C Certifications:	07/20/2020 09:30	07/20/2020 19:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP	SS
79-00-5	1,1,2-Trichloroethane	ND		ug/kg dry	2.1	4.3	1	EPA 8260C Certifications:	07/20/2020 09:30	07/20/2020 19:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	SS
75-34-3	1,1-Dichloroethane	ND		ug/kg dry	2.1	4.3	1	EPA 8260C Certifications:	07/20/2020 09:30	07/20/2020 19:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	SS
75-35-4	1,1-Dichloroethylene	ND		ug/kg dry	2.1	4.3	1	EPA 8260C Certifications:	07/20/2020 09:30	07/20/2020 19:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	SS
87-61-6	1,2,3-Trichlorobenzene	ND		ug/kg dry	2.1	4.3	1	EPA 8260C Certifications:	07/20/2020 09:30	07/20/2020 19:30 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	SS
96-18-4	1,2,3-Trichloropropane	ND		ug/kg dry	2.1	4.3	1	EPA 8260C Certifications:	07/20/2020 09:30	07/20/2020 19:30 NELAC-NY10854,NELAC-NY12058,NJDEP	SS
120-82-1	1,2,4-Trichlorobenzene	ND		ug/kg dry	2.1	4.3	1	EPA 8260C Certifications:	07/20/2020 09:30	07/20/2020 19:30 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	SS
95-63-6	1,2,4-Trimethylbenzene	ND		ug/kg dry	2.1	4.3	1	EPA 8260C Certifications:	07/20/2020 09:30	07/20/2020 19:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	SS
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/kg dry	2.1	4.3	1	EPA 8260C Certifications:	07/20/2020 09:30	07/20/2020 19:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	SS
106-93-4	1,2-Dibromoethane	ND		ug/kg dry	2.1	4.3	1	EPA 8260C Certifications:	07/20/2020 09:30	07/20/2020 19:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	SS
95-50-1	1,2-Dichlorobenzene	ND		ug/kg dry	2.1	4.3	1	EPA 8260C Certifications:	07/20/2020 09:30	07/20/2020 19:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	SS
107-06-2	1,2-Dichloroethane	ND		ug/kg dry	2.1	4.3	1	EPA 8260C Certifications:	07/20/2020 09:30	07/20/2020 19:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	SS
78-87-5	1,2-Dichloropropane	ND		ug/kg dry	2.1	4.3	1	EPA 8260C Certifications:	07/20/2020 09:30	07/20/2020 19:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	SS
108-67-8	1,3,5-Trimethylbenzene	ND		ug/kg dry	2.1	4.3	1	EPA 8260C Certifications:	07/20/2020 09:30	07/20/2020 19:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	SS
541-73-1	1,3-Dichlorobenzene	ND		ug/kg dry	2.1	4.3	1	EPA 8260C Certifications:	07/20/2020 09:30	07/20/2020 19:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	SS
106-46-7	1,4-Dichlorobenzene	ND		ug/kg dry	2.1	4.3	1	EPA 8260C Certifications:	07/20/2020 09:30	07/20/2020 19:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	SS
123-91-1	1,4-Dioxane	ND		ug/kg dry	43	85	1	EPA 8260C Certifications:	07/20/2020 09:30	07/20/2020 19:30 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	SS
78-93-3	2-Butanone	ND		ug/kg dry	2.1	4.3	1	EPA 8260C Certifications:	07/20/2020 09:30	07/20/2020 19:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	SS
591-78-6	2-Hexanone	ND		ug/kg dry	2.1	4.3	1	EPA 8260C Certifications:	07/20/2020 09:30	07/20/2020 19:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	SS
108-10-1	4-Methyl-2-pentanone	ND		ug/kg dry	2.1	4.3	1	EPA 8260C Certifications:	07/20/2020 09:30	07/20/2020 19:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	SS

Sample Information

Client Sample ID: B-5 **York Sample ID:** 20G0641-05

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
20G0641	28-34 Pearl Street Port Chester, New York	Soil	July 16, 2020 12:00 am	07/17/2020

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	4.3	8.5	1	EPA 8260C Certifications:	07/20/2020 09:30	07/20/2020 19:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	SS
107-02-8	Acrolein	ND		ug/kg dry	4.3	8.5	1	EPA 8260C Certifications:	07/20/2020 09:30	07/20/2020 19:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	SS
107-13-1	Acrylonitrile	ND		ug/kg dry	2.1	4.3	1	EPA 8260C Certifications:	07/20/2020 09:30	07/20/2020 19:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	SS
71-43-2	Benzene	ND		ug/kg dry	2.1	4.3	1	EPA 8260C Certifications:	07/20/2020 09:30	07/20/2020 19:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	SS
74-97-5	Bromochloromethane	ND		ug/kg dry	2.1	4.3	1	EPA 8260C Certifications:	07/20/2020 09:30	07/20/2020 19:30 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	SS
75-27-4	Bromodichloromethane	ND		ug/kg dry	2.1	4.3	1	EPA 8260C Certifications:	07/20/2020 09:30	07/20/2020 19:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	SS
75-25-2	Bromoform	ND		ug/kg dry	2.1	4.3	1	EPA 8260C Certifications:	07/20/2020 09:30	07/20/2020 19:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	SS
74-83-9	Bromomethane	ND		ug/kg dry	2.1	4.3	1	EPA 8260C Certifications:	07/20/2020 09:30	07/20/2020 19:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	SS
75-15-0	**Carbon disulfide**	**5.1**	CCV-E, B	ug/kg dry	2.1	4.3	1	EPA 8260C Certifications:	07/20/2020 09:30	07/20/2020 19:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	SS
56-23-5	Carbon tetrachloride	ND		ug/kg dry	2.1	4.3	1	EPA 8260C Certifications:	07/20/2020 09:30	07/20/2020 19:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	SS
108-90-7	Chlorobenzene	ND		ug/kg dry	2.1	4.3	1	EPA 8260C Certifications:	07/20/2020 09:30	07/20/2020 19:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	SS
75-00-3	Chloroethane	ND		ug/kg dry	2.1	4.3	1	EPA 8260C Certifications:	07/20/2020 09:30	07/20/2020 19:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	SS
67-66-3	Chloroform	ND		ug/kg dry	2.1	4.3	1	EPA 8260C Certifications:	07/20/2020 09:30	07/20/2020 19:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	SS
74-87-3	Chloromethane	ND		ug/kg dry	2.1	4.3	1	EPA 8260C Certifications:	07/20/2020 09:30	07/20/2020 19:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	SS
156-59-2	cis-1,2-Dichloroethylene	ND		ug/kg dry	2.1	4.3	1	EPA 8260C Certifications:	07/20/2020 09:30	07/20/2020 19:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	SS
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/kg dry	2.1	4.3	1	EPA 8260C Certifications:	07/20/2020 09:30	07/20/2020 19:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	SS
110-82-7	Cyclohexane	ND		ug/kg dry	2.1	4.3	1	EPA 8260C Certifications:	07/20/2020 09:30	07/20/2020 19:30 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	SS
124-48-1	Dibromochloromethane	ND		ug/kg dry	2.1	4.3	1	EPA 8260C Certifications:	07/20/2020 09:30	07/20/2020 19:30 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	SS
74-95-3	Dibromomethane	ND		ug/kg dry	2.1	4.3	1	EPA 8260C Certifications:	07/20/2020 09:30	07/20/2020 19:30 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	SS
75-71-8	Dichlorodifluoromethane	ND		ug/kg dry	2.1	4.3	1	EPA 8260C Certifications:	07/20/2020 09:30	07/20/2020 19:30 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	SS
100-41-4	Ethyl Benzene	ND		ug/kg dry	2.1	4.3	1	EPA 8260C Certifications:	07/20/2020 09:30	07/20/2020 19:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	SS
87-68-3	Hexachlorobutadiene	ND		ug/kg dry	2.1	4.3	1	EPA 8260C Certifications:	07/20/2020 09:30	07/20/2020 19:30 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	SS
98-82-8	Isopropylbenzene	ND		ug/kg dry	2.1	4.3	1	EPA 8260C Certifications:	07/20/2020 09:30	07/20/2020 19:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	SS

Sample Information

Client Sample ID: B-5 **York Sample ID:** 20G0641-05

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
20G0641	28-34 Pearl Street Port Chester, New York	Soil	July 16, 2020 12:00 am	07/17/2020

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:	07/20/2020 09:30 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/20/2020 19:30	SS
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/kg dry	2.1	4.3	1	EPA 8260C Certifications:	07/20/2020 09:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/20/2020 19:30	SS
108-87-2	Methylcyclohexane	ND		ug/kg dry	2.1	4.3	1	EPA 8260C Certifications:	07/20/2020 09:30 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/20/2020 19:30	SS
75-09-2	Methylene chloride	ND		ug/kg dry	4.3	8.5	1	EPA 8260C Certifications:	07/20/2020 09:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/20/2020 19:30	SS
104-51-8	n-Butylbenzene	ND		ug/kg dry	2.1	4.3	1	EPA 8260C Certifications:	07/20/2020 09:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/20/2020 19:30	SS
103-65-1	n-Propylbenzene	ND		ug/kg dry	2.1	4.3	1	EPA 8260C Certifications:	07/20/2020 09:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/20/2020 19:30	SS
95-47-6	o-Xylene	ND		ug/kg dry	2.1	4.3	1	EPA 8260C Certifications:	07/20/2020 09:30 CTDOH,NELAC-NY10854,NELAC-NY12058,PADEP	07/20/2020 19:30	SS
179601-23-1	p- & m- Xylenes	ND		ug/kg dry	4.3	8.5	1	EPA 8260C Certifications:	07/20/2020 09:30 CTDOH,NELAC-NY10854,NELAC-NY12058,PADEP	07/20/2020 19:30	SS
99-87-6	p-Isopropyltoluene	ND		ug/kg dry	2.1	4.3	1	EPA 8260C Certifications:	07/20/2020 09:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/20/2020 19:30	SS
135-98-8	sec-Butylbenzene	ND		ug/kg dry	2.1	4.3	1	EPA 8260C Certifications:	07/20/2020 09:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/20/2020 19:30	SS
100-42-5	Styrene	ND		ug/kg dry	2.1	4.3	1	EPA 8260C Certifications:	07/20/2020 09:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/20/2020 19:30	SS
75-65-0	tert-Butyl alcohol (TBA)	ND		ug/kg dry	2.1	21	1	EPA 8260C Certifications:	07/20/2020 09:30 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/20/2020 19:30	SS
98-06-6	tert-Butylbenzene	ND		ug/kg dry	2.1	4.3	1	EPA 8260C Certifications:	07/20/2020 09:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/20/2020 19:30	SS
127-18-4	Tetrachloroethylene	ND		ug/kg dry	2.1	4.3	1	EPA 8260C Certifications:	07/20/2020 09:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/20/2020 19:30	SS
108-88-3	Toluene	ND		ug/kg dry	2.1	4.3	1	EPA 8260C Certifications:	07/20/2020 09:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/20/2020 19:30	SS
156-60-5	trans-1,2-Dichloroethylene	ND		ug/kg dry	2.1	4.3	1	EPA 8260C Certifications:	07/20/2020 09:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/20/2020 19:30	SS
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/kg dry	2.1	4.3	1	EPA 8260C Certifications:	07/20/2020 09:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/20/2020 19:30	SS
110-57-6	* trans-1,4-dichloro-2-butene	ND		ug/kg dry	2.1	4.3	1	EPA 8260C Certifications:	07/20/2020 09:30 CTDOH	07/20/2020 19:30	SS
79-01-6	Trichloroethylene	ND		ug/kg dry	2.1	4.3	1	EPA 8260C Certifications:	07/20/2020 09:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/20/2020 19:30	SS
75-69-4	Trichlorofluoromethane	ND		ug/kg dry	2.1	4.3	1	EPA 8260C Certifications:	07/20/2020 09:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/20/2020 19:30	SS
75-01-4	Vinyl Chloride	ND		ug/kg dry	2.1	4.3	1	EPA 8260C Certifications:	07/20/2020 09:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/20/2020 19:30	SS
1330-20-7	Xylenes, Total	ND		ug/kg dry	6.4	13	1	EPA 8260C Certifications:	07/20/2020 09:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP	07/20/2020 19:30	SS

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: SURR: 1,2-Dichloroethane-d4*	*97.7 %*	*77-125*

Sample Information

Client Sample ID: B-5 **York Sample ID:** 20G0641-05

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
20G0641	28-34 Pearl Street Port Chester, New York	Soil	July 16, 2020 12:00 am	07/17/2020

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*	*97.3 %*			*85-120*						
460-00-4	*Surrogate: SURR: p-Bromofluorobenzene*	*97.1 %*			*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	44.3	88.3	2	EPA 8270D Certifications:	07/22/2020 05:28 NELAC-NY10854,NJDEP,PADEP	07/22/2020 19:46	KH
95-94-3	1,2,4,5-Tetrachlorobenzene	ND		ug/kg dry	88.3	176	2	EPA 8270D Certifications:	07/22/2020 05:28 NELAC-NY10854,NJDEP,PADEP	07/22/2020 19:46	KH
120-82-1	1,2,4-Trichlorobenzene	ND		ug/kg dry	44.3	88.3	2	EPA 8270D Certifications:	07/22/2020 05:28 CTDOH,NELAC-NY10854,NJDEP,PADEP	07/22/2020 19:46	KH
95-50-1	1,2-Dichlorobenzene	ND		ug/kg dry	44.3	88.3	2	EPA 8270D Certifications:	07/22/2020 05:28 NELAC-NY10854,PADEP	07/22/2020 19:46	KH
122-66-7	1,2-Diphenylhydrazine (as Azobenzene)	ND		ug/kg dry	44.3	88.3	2	EPA 8270D Certifications:	07/22/2020 05:28 NELAC-NY10854,NJDEP,PADEP	07/22/2020 19:46	KH
541-73-1	1,3-Dichlorobenzene	ND		ug/kg dry	44.3	88.3	2	EPA 8270D Certifications:	07/22/2020 05:28 NELAC-NY10854,PADEP	07/22/2020 19:46	KH
106-46-7	1,4-Dichlorobenzene	ND		ug/kg dry	44.3	88.3	2	EPA 8270D Certifications:	07/22/2020 05:28 NELAC-NY10854,PADEP	07/22/2020 19:46	KH
58-90-2	2,3,4,6-Tetrachlorophenol	ND		ug/kg dry	88.3	176	2	EPA 8270D Certifications:	07/22/2020 05:28 NELAC-NY10854,NJDEP,PADEP	07/22/2020 19:46	KH
95-95-4	2,4,5-Trichlorophenol	ND		ug/kg dry	44.3	88.3	2	EPA 8270D Certifications:	07/22/2020 05:28 CTDOH,NELAC-NY10854,NJDEP,PADEP	07/22/2020 19:46	KH
88-06-2	2,4,6-Trichlorophenol	ND		ug/kg dry	44.3	88.3	2	EPA 8270D Certifications:	07/22/2020 05:28 CTDOH,NELAC-NY10854,NJDEP,PADEP	07/22/2020 19:46	KH
120-83-2	2,4-Dichlorophenol	ND		ug/kg dry	44.3	88.3	2	EPA 8270D Certifications:	07/22/2020 05:28 CTDOH,NELAC-NY10854,NJDEP,PADEP	07/22/2020 19:46	KH
105-67-9	2,4-Dimethylphenol	ND		ug/kg dry	44.3	88.3	2	EPA 8270D Certifications:	07/22/2020 05:28 CTDOH,NELAC-NY10854,NJDEP,PADEP	07/22/2020 19:46	KH
51-28-5	2,4-Dinitrophenol	ND		ug/kg dry	88.3	176	2	EPA 8270D Certifications:	07/22/2020 05:28 CTDOH,NELAC-NY10854,NJDEP,PADEP	07/22/2020 19:46	KH
121-14-2	2,4-Dinitrotoluene	ND		ug/kg dry	44.3	88.3	2	EPA 8270D Certifications:	07/22/2020 05:28 CTDOH,NELAC-NY10854,NJDEP,PADEP	07/22/2020 19:46	KH
606-20-2	2,6-Dinitrotoluene	ND		ug/kg dry	44.3	88.3	2	EPA 8270D Certifications:	07/22/2020 05:28 CTDOH,NELAC-NY10854,NJDEP,PADEP	07/22/2020 19:46	KH
91-58-7	2-Chloronaphthalene	ND		ug/kg dry	44.3	88.3	2	EPA 8270D Certifications:	07/22/2020 05:28 CTDOH,NELAC-NY10854,NJDEP,PADEP	07/22/2020 19:46	KH
95-57-8	2-Chlorophenol	ND		ug/kg dry	44.3	88.3	2	EPA 8270D Certifications:	07/22/2020 05:28 CTDOH,NELAC-NY10854,NJDEP,PADEP	07/22/2020 19:46	KH
91-57-6	2-Methylnaphthalene	ND		ug/kg dry	44.3	88.3	2	EPA 8270D Certifications:	07/22/2020 05:28 CTDOH,NELAC-NY10854,NJDEP,PADEP	07/22/2020 19:46	KH
95-48-7	2-Methylphenol	ND		ug/kg dry	44.3	88.3	2	EPA 8270D Certifications:	07/22/2020 05:28 CTDOH,NELAC-NY10854,NJDEP,PADEP	07/22/2020 19:46	KH

Sample Information

Client Sample ID: B-5 **York Sample ID:** 20G0641-05

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
20G0641	28-34 Pearl Street Port Chester, New York	Soil	July 16, 2020 12:00 am	07/17/2020

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	88.3	176	2	EPA 8270D Certifications:	07/22/2020 05:28	07/22/2020 19:46 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
88-75-5	2-Nitrophenol	ND		ug/kg dry	44.3	88.3	2	EPA 8270D Certifications:	07/22/2020 05:28	07/22/2020 19:46 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
65794-96-9	3- & 4-Methylphenols	ND		ug/kg dry	44.3	88.3	2	EPA 8270D Certifications:	07/22/2020 05:28	07/22/2020 19:46 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
91-94-1	3,3-Dichlorobenzidine	ND		ug/kg dry	44.3	88.3	2	EPA 8270D Certifications:	07/22/2020 05:28	07/22/2020 19:46 NELAC-NY10854,NJDEP,PADEP	KH
99-09-2	3-Nitroaniline	ND		ug/kg dry	88.3	176	2	EPA 8270D Certifications:	07/22/2020 05:28	07/22/2020 19:46 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
534-52-1	4,6-Dinitro-2-methylphenol	ND		ug/kg dry	88.3	176	2	EPA 8270D Certifications:	07/22/2020 05:28	07/22/2020 19:46 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
101-55-3	4-Bromophenyl phenyl ether	ND		ug/kg dry	44.3	88.3	2	EPA 8270D Certifications:	07/22/2020 05:28	07/22/2020 19:46 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
59-50-7	4-Chloro-3-methylphenol	ND		ug/kg dry	44.3	88.3	2	EPA 8270D Certifications:	07/22/2020 05:28	07/22/2020 19:46 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
106-47-8	4-Chloroaniline	ND		ug/kg dry	44.3	88.3	2	EPA 8270D Certifications:	07/22/2020 05:28	07/22/2020 19:46 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
7005-72-3	4-Chlorophenyl phenyl ether	ND		ug/kg dry	44.3	88.3	2	EPA 8270D Certifications:	07/22/2020 05:28	07/22/2020 19:46 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
100-01-6	4-Nitroaniline	ND		ug/kg dry	88.3	176	2	EPA 8270D Certifications:	07/22/2020 05:28	07/22/2020 19:46 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
100-02-7	4-Nitrophenol	ND		ug/kg dry	88.3	176	2	EPA 8270D Certifications:	07/22/2020 05:28	07/22/2020 19:46 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
83-32-9	Acenaphthene	ND		ug/kg dry	44.3	88.3	2	EPA 8270D Certifications:	07/22/2020 05:28	07/22/2020 19:46 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
208-96-8	Acenaphthylene	ND		ug/kg dry	44.3	88.3	2	EPA 8270D Certifications:	07/22/2020 05:28	07/22/2020 19:46 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
98-86-2	Acetophenone	ND		ug/kg dry	44.3	88.3	2	EPA 8270D Certifications:	07/22/2020 05:28	07/22/2020 19:46 NELAC-NY10854,NJDEP,PADEP	KH
62-53-3	Aniline	ND		ug/kg dry	177	354	2	EPA 8270D Certifications:	07/22/2020 05:28	07/22/2020 19:46 NELAC-NY10854,NJDEP,PADEP	KH
120-12-7	Anthracene	ND		ug/kg dry	44.3	88.3	2	EPA 8270D Certifications:	07/22/2020 05:28	07/22/2020 19:46 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
1912-24-9	Atrazine	ND		ug/kg dry	44.3	88.3	2	EPA 8270D Certifications:	07/22/2020 05:28	07/22/2020 19:46 NELAC-NY10854,NJDEP,PADEP	KH
100-52-7	Benzaldehyde	ND		ug/kg dry	44.3	88.3	2	EPA 8270D Certifications:	07/22/2020 05:28	07/22/2020 19:46 NELAC-NY10854,NJDEP,PADEP	KH
92-87-5	Benzidine	ND		ug/kg dry	177	354	2	EPA 8270D Certifications:	07/22/2020 05:28	07/22/2020 19:46 CTDOH,NELAC-NY10854,PADEP	KH
56-55-3	Benzo(a)anthracene	ND		ug/kg dry	44.3	88.3	2	EPA 8270D Certifications:	07/22/2020 05:28	07/22/2020 19:46 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
50-32-8	Benzo(a)pyrene	ND		ug/kg dry	44.3	88.3	2	EPA 8270D Certifications:	07/22/2020 05:28	07/22/2020 19:46 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
205-99-2	Benzo(b)fluoranthene	ND		ug/kg dry	44.3	88.3	2	EPA 8270D Certifications:	07/22/2020 05:28	07/22/2020 19:46 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH

Sample Information

Client Sample ID: B-5 **York Sample ID:** 20G0641-05

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
20G0641	28-34 Pearl Street Port Chester, New York	Soil	July 16, 2020 12:00 am	07/17/2020

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	44.3	88.3	2	EPA 8270D Certifications:	07/22/2020 05:28	07/22/2020 19:46 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
207-08-9	Benzo(k)fluoranthene	ND		ug/kg dry	44.3	88.3	2	EPA 8270D Certifications:	07/22/2020 05:28	07/22/2020 19:46 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
65-85-0	Benzoic acid	ND		ug/kg dry	44.3	88.3	2	EPA 8270D Certifications:	07/22/2020 05:28	07/22/2020 19:46 NELAC-NY10854,NJDEP,PADEP	KH
100-51-6	Benzyl alcohol	ND		ug/kg dry	44.3	88.3	2	EPA 8270D Certifications:	07/22/2020 05:28	07/22/2020 19:46 NELAC-NY10854,NJDEP,PADEP	KH
85-68-7	Benzyl butyl phthalate	ND		ug/kg dry	44.3	88.3	2	EPA 8270D Certifications:	07/22/2020 05:28	07/22/2020 19:46 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
111-91-1	Bis(2-chloroethoxy)methane	ND		ug/kg dry	44.3	88.3	2	EPA 8270D Certifications:	07/22/2020 05:28	07/22/2020 19:46 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
111-44-4	Bis(2-chloroethyl)ether	ND		ug/kg dry	44.3	88.3	2	EPA 8270D Certifications:	07/22/2020 05:28	07/22/2020 19:46 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
108-60-1	Bis(2-chloroisopropyl)ether	ND		ug/kg dry	44.3	88.3	2	EPA 8270D Certifications:	07/22/2020 05:28	07/22/2020 19:46 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
117-81-7	Bis(2-ethylhexyl)phthalate	ND		ug/kg dry	44.3	88.3	2	EPA 8270D Certifications:	07/22/2020 05:28	07/22/2020 19:46 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
105-60-2	Caprolactam	ND		ug/kg dry	88.3	176	2	EPA 8270D Certifications:	07/22/2020 05:28	07/22/2020 19:46 NELAC-NY10854,NJDEP,PADEP	KH
86-74-8	Carbazole	ND		ug/kg dry	44.3	88.3	2	EPA 8270D Certifications:	07/22/2020 05:28	07/22/2020 19:46 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
218-01-9	Chrysene	ND		ug/kg dry	44.3	88.3	2	EPA 8270D Certifications:	07/22/2020 05:28	07/22/2020 19:46 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
53-70-3	Dibenzo(a,h)anthracene	ND		ug/kg dry	44.3	88.3	2	EPA 8270D Certifications:	07/22/2020 05:28	07/22/2020 19:46 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
132-64-9	Dibenzofuran	ND		ug/kg dry	44.3	88.3	2	EPA 8270D Certifications:	07/22/2020 05:28	07/22/2020 19:46 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
84-66-2	Diethyl phthalate	ND		ug/kg dry	44.3	88.3	2	EPA 8270D Certifications:	07/22/2020 05:28	07/22/2020 19:46 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
131-11-3	Dimethyl phthalate	ND		ug/kg dry	44.3	88.3	2	EPA 8270D Certifications:	07/22/2020 05:28	07/22/2020 19:46 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
84-74-2	Di-n-butyl phthalate	ND		ug/kg dry	44.3	88.3	2	EPA 8270D Certifications:	07/22/2020 05:28	07/22/2020 19:46 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
117-84-0	Di-n-octyl phthalate	ND		ug/kg dry	44.3	88.3	2	EPA 8270D Certifications:	07/22/2020 05:28	07/22/2020 19:46 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
122-39-4	* Diphenylamine	ND		ug/kg dry	88.3	176	2	EPA 8270D Certifications:	07/22/2020 05:28	07/22/2020 19:46	KH
206-44-0	Fluoranthene	ND		ug/kg dry	44.3	88.3	2	EPA 8270D Certifications:	07/22/2020 05:28	07/22/2020 19:46 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
86-73-7	Fluorene	ND		ug/kg dry	44.3	88.3	2	EPA 8270D Certifications:	07/22/2020 05:28	07/22/2020 19:46 NELAC-NY10854,NJDEP,PADEP	KH
118-74-1	Hexachlorobenzene	ND		ug/kg dry	44.3	88.3	2	EPA 8270D Certifications:	07/22/2020 05:28	07/22/2020 19:46 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
87-68-3	Hexachlorobutadiene	ND		ug/kg dry	44.3	88.3	2	EPA 8270D Certifications:	07/22/2020 05:28	07/22/2020 19:46 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH

Sample Information

Client Sample ID: B-5 **York Sample ID:** 20G0641-05

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
20G0641	28-34 Pearl Street Port Chester, New York	Soil	July 16, 2020 12:00 am	07/17/2020

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	44.3	88.3	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/22/2020 05:28	07/22/2020 19:46	KH
67-72-1	Hexachloroethane	ND		ug/kg dry	44.3	88.3	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/22/2020 05:28	07/22/2020 19:46	KH
193-39-5	Indeno(1,2,3-cd)pyrene	ND		ug/kg dry	44.3	88.3	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/22/2020 05:28	07/22/2020 19:46	KH
78-59-1	Isophorone	ND		ug/kg dry	44.3	88.3	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/22/2020 05:28	07/22/2020 19:46	KH
91-20-3	Naphthalene	ND		ug/kg dry	44.3	88.3	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/22/2020 05:28	07/22/2020 19:46	KH
98-95-3	Nitrobenzene	ND		ug/kg dry	44.3	88.3	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/22/2020 05:28	07/22/2020 19:46	KH
62-75-9	N-Nitrosodimethylamine	ND		ug/kg dry	44.3	88.3	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/22/2020 05:28	07/22/2020 19:46	KH
621-64-7	N-nitroso-di-n-propylamine	ND		ug/kg dry	44.3	88.3	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/22/2020 05:28	07/22/2020 19:46	KH
86-30-6	N-Nitrosodiphenylamine	ND		ug/kg dry	44.3	88.3	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/22/2020 05:28	07/22/2020 19:46	KH
87-86-5	Pentachlorophenol	ND		ug/kg dry	44.3	88.3	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/22/2020 05:28	07/22/2020 19:46	KH
85-01-8	Phenanthrene	ND		ug/kg dry	44.3	88.3	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/22/2020 05:28	07/22/2020 19:46	KH
108-95-2	Phenol	ND		ug/kg dry	44.3	88.3	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/22/2020 05:28	07/22/2020 19:46	KH
129-00-0	Pyrene	ND		ug/kg dry	44.3	88.3	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/22/2020 05:28	07/22/2020 19:46	KH

	Surrogate Recoveries	Result	Acceptance Range
367-12-4	*Surrogate: SURR: 2-Fluorophenol*	*68.8 %*	*20-108*
4165-62-2	*Surrogate: SURR: Phenol-d5*	*71.2 %*	*23-114*
4165-60-0	*Surrogate: SURR: Nitrobenzene-d5*	*85.8 %*	*22-108*
321-60-8	*Surrogate: SURR: 2-Fluorobiphenyl*	*66.6 %*	*21-113*
118-79-6	*Surrogate: SURR: 2,4,6-Tribromophenol*	*89.7 %*	*19-110*
1718-51-0	*Surrogate: SURR: Terphenyl-d14*	*77.9 %*	*24-116*

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**	**93.5**		%	0.100	1	SM 2540G Certifications: CTDOH	07/20/2020 08:04	07/20/2020 15:06	WJM

Sample Information

Client Sample ID: **B-2 TW** **York Sample ID:** **20G0641-06**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
20G0641	28-34 Pearl Street Port Chester, New York	Water	July 16, 2020 12:00 am	07/17/2020

Volatile Organics, 8260 - Comprehensive

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	20	50	100	EPA 8260C Certifications:	07/22/2020 09:30	07/22/2020 19:59 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	SS
71-55-6	1,1,1-Trichloroethane	ND		ug/L	20	50	100	EPA 8260C Certifications:	07/22/2020 09:30	07/22/2020 19:59 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	SS
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	20	50	100	EPA 8260C Certifications:	07/22/2020 09:30	07/22/2020 19:59 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	SS
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/L	20	50	100	EPA 8260C Certifications:	07/22/2020 09:30	07/22/2020 19:59 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	SS
79-00-5	1,1,2-Trichloroethane	ND		ug/L	20	50	100	EPA 8260C Certifications:	07/22/2020 09:30	07/22/2020 19:59 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	SS
75-34-3	1,1-Dichloroethane	ND		ug/L	20	50	100	EPA 8260C Certifications:	07/22/2020 09:30	07/22/2020 19:59 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	SS
75-35-4	1,1-Dichloroethylene	ND		ug/L	20	50	100	EPA 8260C Certifications:	07/22/2020 09:30	07/22/2020 19:59 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	SS
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	20	50	100	EPA 8260C Certifications:	07/22/2020 09:30	07/22/2020 19:59 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	SS
96-18-4	1,2,3-Trichloropropane	ND		ug/L	20	50	100	EPA 8260C Certifications:	07/22/2020 09:30	07/22/2020 19:59 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	SS
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	20	50	100	EPA 8260C Certifications:	07/22/2020 09:30	07/22/2020 19:59 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	SS
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	20	50	100	EPA 8260C Certifications:	07/22/2020 09:30	07/22/2020 19:59 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	SS
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	20	50	100	EPA 8260C Certifications:	07/22/2020 09:30	07/22/2020 19:59 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	SS
106-93-4	1,2-Dibromoethane	ND		ug/L	20	50	100	EPA 8260C Certifications:	07/22/2020 09:30	07/22/2020 19:59 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	SS
95-50-1	1,2-Dichlorobenzene	ND		ug/L	20	50	100	EPA 8260C Certifications:	07/22/2020 09:30	07/22/2020 19:59 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	SS
107-06-2	1,2-Dichloroethane	ND		ug/L	20	50	100	EPA 8260C Certifications:	07/22/2020 09:30	07/22/2020 19:59 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	SS
78-87-5	1,2-Dichloropropane	ND		ug/L	20	50	100	EPA 8260C Certifications:	07/22/2020 09:30	07/22/2020 19:59 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	SS
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	20	50	100	EPA 8260C Certifications:	07/22/2020 09:30	07/22/2020 19:59 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	SS
541-73-1	1,3-Dichlorobenzene	ND		ug/L	20	50	100	EPA 8260C Certifications:	07/22/2020 09:30	07/22/2020 19:59 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	SS
106-46-7	1,4-Dichlorobenzene	ND		ug/L	20	50	100	EPA 8260C Certifications:	07/22/2020 09:30	07/22/2020 19:59 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	SS
123-91-1	1,4-Dioxane	ND		ug/L	4000	4000	100	EPA 8260C Certifications:	07/22/2020 09:30	07/22/2020 19:59 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	SS
78-93-3	2-Butanone	ND		ug/L	20	50	100	EPA 8260C Certifications:	07/22/2020 09:30	07/22/2020 19:59 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	SS
591-78-6	2-Hexanone	ND		ug/L	20	50	100	EPA 8260C Certifications:	07/22/2020 09:30	07/22/2020 19:59 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	SS
108-10-1	4-Methyl-2-pentanone	ND		ug/L	20	50	100	EPA 8260C Certifications:	07/22/2020 09:30	07/22/2020 19:59 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	SS

Sample Information

Client Sample ID: B-2 TW

York Sample ID: 20G0641-06

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
20G0641	28-34 Pearl Street Port Chester, New York	Water	July 16, 2020 12:00 am	07/17/2020

Volatile Organics, 8260 - Comprehensive

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
67-64-1	**Acetone**	**1200**		ug/L	100	200	100	EPA 8260C	07/22/2020 09:30	07/22/2020 19:59	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
107-02-8	Acrolein	ND		ug/L	20	50	100	EPA 8260C	07/22/2020 09:30	07/22/2020 19:59	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
107-13-1	Acrylonitrile	ND		ug/L	20	50	100	EPA 8260C	07/22/2020 09:30	07/22/2020 19:59	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
71-43-2	**Benzene**	**32**	J	ug/L	20	50	100	EPA 8260C	07/22/2020 09:30	07/22/2020 19:59	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
74-97-5	Bromochloromethane	ND		ug/L	20	50	100	EPA 8260C	07/22/2020 09:30	07/22/2020 19:59	SS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-27-4	Bromodichloromethane	ND		ug/L	20	50	100	EPA 8260C	07/22/2020 09:30	07/22/2020 19:59	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-25-2	Bromoform	ND		ug/L	20	50	100	EPA 8260C	07/22/2020 09:30	07/22/2020 19:59	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
74-83-9	Bromomethane	ND		ug/L	20	50	100	EPA 8260C	07/22/2020 09:30	07/22/2020 19:59	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-15-0	Carbon disulfide	ND		ug/L	20	50	100	EPA 8260C	07/22/2020 09:30	07/22/2020 19:59	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
56-23-5	Carbon tetrachloride	ND		ug/L	20	50	100	EPA 8260C	07/22/2020 09:30	07/22/2020 19:59	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
108-90-7	Chlorobenzene	ND		ug/L	20	50	100	EPA 8260C	07/22/2020 09:30	07/22/2020 19:59	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-00-3	Chloroethane	ND		ug/L	20	50	100	EPA 8260C	07/22/2020 09:30	07/22/2020 19:59	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
67-66-3	Chloroform	ND		ug/L	20	50	100	EPA 8260C	07/22/2020 09:30	07/22/2020 19:59	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
74-87-3	Chloromethane	ND		ug/L	20	50	100	EPA 8260C	07/22/2020 09:30	07/22/2020 19:59	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
156-59-2	cis-1,2-Dichloroethylene	ND		ug/L	20	50	100	EPA 8260C	07/22/2020 09:30	07/22/2020 19:59	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	20	50	100	EPA 8260C	07/22/2020 09:30	07/22/2020 19:59	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
110-82-7	**Cyclohexane**	**570**		ug/L	20	50	100	EPA 8260C	07/22/2020 09:30	07/22/2020 19:59	SS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
124-48-1	Dibromochloromethane	ND		ug/L	20	50	100	EPA 8260C	07/22/2020 09:30	07/22/2020 19:59	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
74-95-3	Dibromomethane	ND		ug/L	20	50	100	EPA 8260C	07/22/2020 09:30	07/22/2020 19:59	SS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-71-8	Dichlorodifluoromethane	ND		ug/L	20	50	100	EPA 8260C	07/22/2020 09:30	07/22/2020 19:59	SS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
100-41-4	Ethyl Benzene	ND		ug/L	20	50	100	EPA 8260C	07/22/2020 09:30	07/22/2020 19:59	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
87-68-3	Hexachlorobutadiene	ND		ug/L	20	50	100	EPA 8260C	07/22/2020 09:30	07/22/2020 19:59	SS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
98-82-8	**Isopropylbenzene**	**45**	J	ug/L	20	50	100	EPA 8260C	07/22/2020 09:30	07/22/2020 19:59	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		

Sample Information

Client Sample ID: B-2 TW

York Sample ID: 20G0641-06

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
20G0641	28-34 Pearl Street Port Chester, New York	Water	July 16, 2020 12:00 am	07/17/2020

Volatile Organics, 8260 - Comprehensive

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
79-20-9	Methyl acetate	ND		ug/L	20	50	100	EPA 8260C Certifications:	07/22/2020 09:30 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/22/2020 19:59	SS
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	20	50	100	EPA 8260C Certifications:	07/22/2020 09:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/22/2020 19:59	SS
108-87-2	Methylcyclohexane	ND		ug/L	20	50	100	EPA 8260C Certifications:	07/22/2020 09:30 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/22/2020 19:59	SS
75-09-2	**Methylene chloride**	**270**		ug/L	100	200	100	EPA 8260C Certifications:	07/22/2020 09:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/22/2020 19:59	SS
104-51-8	n-Butylbenzene	ND		ug/L	20	50	100	EPA 8260C Certifications:	07/22/2020 09:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/22/2020 19:59	SS
103-65-1	**n-Propylbenzene**	**150**		ug/L	20	50	100	EPA 8260C Certifications:	07/22/2020 09:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/22/2020 19:59	SS
95-47-6	o-Xylene	ND		ug/L	20	50	100	EPA 8260C Certifications:	07/22/2020 09:30 CTDOH,NELAC-NY10854,NELAC-NY12058,PADEP	07/22/2020 19:59	SS
179601-23-1	p- & m- Xylenes	ND		ug/L	50	100	100	EPA 8260C Certifications:	07/22/2020 09:30 CTDOH,NELAC-NY10854,NELAC-NY12058,PADEP	07/22/2020 19:59	SS
99-87-6	**p-Isopropyltoluene**	**27**	J	ug/L	20	50	100	EPA 8260C Certifications:	07/22/2020 09:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/22/2020 19:59	SS
135-98-8	**sec-Butylbenzene**	**140**		ug/L	20	50	100	EPA 8260C Certifications:	07/22/2020 09:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/22/2020 19:59	SS
100-42-5	Styrene	ND		ug/L	20	50	100	EPA 8260C Certifications:	07/22/2020 09:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/22/2020 19:59	SS
75-65-0	tert-Butyl alcohol (TBA)	ND		ug/L	50	100	100	EPA 8260C Certifications:	07/22/2020 09:30 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/22/2020 19:59	SS
98-06-6	tert-Butylbenzene	ND		ug/L	20	50	100	EPA 8260C Certifications:	07/22/2020 09:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/22/2020 19:59	SS
127-18-4	Tetrachloroethylene	ND		ug/L	20	50	100	EPA 8260C Certifications:	07/22/2020 09:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/22/2020 19:59	SS
108-88-3	Toluene	ND		ug/L	20	50	100	EPA 8260C Certifications:	07/22/2020 09:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/22/2020 19:59	SS
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	20	50	100	EPA 8260C Certifications:	07/22/2020 09:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/22/2020 19:59	SS
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	20	50	100	EPA 8260C Certifications:	07/22/2020 09:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/22/2020 19:59	SS
110-57-6	trans-1,4-dichloro-2-butene	ND		ug/L	20	50	100	EPA 8260C Certifications:	07/22/2020 09:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP	07/22/2020 19:59	SS
79-01-6	Trichloroethylene	ND		ug/L	20	50	100	EPA 8260C Certifications:	07/22/2020 09:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/22/2020 19:59	SS
75-69-4	Trichlorofluoromethane	ND		ug/L	20	50	100	EPA 8260C Certifications:	07/22/2020 09:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/22/2020 19:59	SS
75-01-4	Vinyl Chloride	ND		ug/L	20	50	100	EPA 8260C Certifications:	07/22/2020 09:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/22/2020 19:59	SS
1330-20-7	Xylenes, Total	ND		ug/L	60	150	100	EPA 8260C Certifications:	07/22/2020 09:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP	07/22/2020 19:59	SS

Surrogate Recoveries	Result	Acceptance Range

Sample Information

Client Sample ID: B-2 TW

York Sample ID: 20G0641-06

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
20G0641	28-34 Pearl Street Port Chester, New York	Water	July 16, 2020 12:00 am	07/17/2020

Volatile Organics, 8260 - Comprehensive

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
17060-07-0	*Surrogate: SURR: 1,2-Dichloroethane-d4*	*102 %*			*69-130*						
2037-26-5	*Surrogate: SURR: Toluene-d8*	*108 %*			*81-117*						
460-00-4	*Surrogate: SURR: p-Bromofluorobenzene*	*112 %*			*79-122*						

SVOA, 8270 - Comprehensive

Log-in Notes:

Sample Notes: EXT-D, EXT-EM

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	2.86	5.71	1	EPA 8270D Certifications:	07/22/2020 06:49 NELAC-NY10854,NJDEP,PADEP	07/23/2020 12:02	OW
95-94-3	1,2,4,5-Tetrachlorobenzene	ND		ug/L	2.86	5.71	1	EPA 8270D Certifications:	07/22/2020 06:49 NELAC-NY10854,NJDEP,PADEP	07/23/2020 12:02	OW
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	2.86	5.71	1	EPA 8270D Certifications:	07/22/2020 06:49 CTDOH,NELAC-NY10854,NJDEP,PADEP	07/23/2020 12:02	OW
95-50-1	1,2-Dichlorobenzene	ND		ug/L	2.86	5.71	1	EPA 8270D Certifications:	07/22/2020 06:49 NELAC-NY10854,PADEP	07/23/2020 12:02	OW
122-66-7	1,2-Diphenylhydrazine (as Azobenzene)	ND		ug/L	2.86	5.71	1	EPA 8270D Certifications:	07/22/2020 06:49 NELAC-NY10854,NJDEP,PADEP	07/23/2020 12:02	OW
541-73-1	1,3-Dichlorobenzene	ND		ug/L	2.86	5.71	1	EPA 8270D Certifications:	07/22/2020 06:49 NELAC-NY10854,PADEP	07/23/2020 12:02	OW
106-46-7	1,4-Dichlorobenzene	ND		ug/L	2.86	5.71	1	EPA 8270D Certifications:	07/22/2020 06:49 NELAC-NY10854,PADEP	07/23/2020 12:02	OW
58-90-2	2,3,4,6-Tetrachlorophenol	ND		ug/L	2.86	5.71	1	EPA 8270D Certifications:	07/22/2020 06:49 NELAC-NY10854,NJDEP,PADEP	07/23/2020 12:02	OW
95-95-4	2,4,5-Trichlorophenol	ND		ug/L	2.86	5.71	1	EPA 8270D Certifications:	07/22/2020 06:49 CTDOH,NELAC-NY10854,NJDEP,PADEP	07/23/2020 12:02	OW
88-06-2	2,4,6-Trichlorophenol	ND		ug/L	2.86	5.71	1	EPA 8270D Certifications:	07/22/2020 06:49 CTDOH,NELAC-NY10854,NJDEP,PADEP	07/23/2020 12:02	OW
120-83-2	2,4-Dichlorophenol	ND		ug/L	2.86	5.71	1	EPA 8270D Certifications:	07/22/2020 06:49 CTDOH,NELAC-NY10854,NJDEP,PADEP	07/23/2020 12:02	OW
105-67-9	2,4-Dimethylphenol	ND		ug/L	2.86	5.71	1	EPA 8270D Certifications:	07/22/2020 06:49 CTDOH,NELAC-NY10854,NJDEP,PADEP	07/23/2020 12:02	OW
51-28-5	2,4-Dinitrophenol	ND		ug/L	2.86	5.71	1	EPA 8270D Certifications:	07/22/2020 06:49 CTDOH,NELAC-NY10854,NJDEP,PADEP	07/23/2020 12:02	OW
121-14-2	2,4-Dinitrotoluene	ND		ug/L	2.86	5.71	1	EPA 8270D Certifications:	07/22/2020 06:49 CTDOH,NELAC-NY10854,NJDEP,PADEP	07/23/2020 12:02	OW
606-20-2	2,6-Dinitrotoluene	ND		ug/L	2.86	5.71	1	EPA 8270D Certifications:	07/22/2020 06:49 CTDOH,NELAC-NY10854,NJDEP,PADEP	07/23/2020 12:02	OW
91-58-7	2-Chloronaphthalene	ND		ug/L	2.86	5.71	1	EPA 8270D Certifications:	07/22/2020 06:49 CTDOH,NELAC-NY10854,NJDEP,PADEP	07/23/2020 12:02	OW
95-57-8	2-Chlorophenol	ND		ug/L	2.86	5.71	1	EPA 8270D Certifications:	07/22/2020 06:49 CTDOH,NELAC-NY10854,NJDEP,PADEP	07/23/2020 12:02	OW
91-57-6	2-Methylnaphthalene	ND		ug/L	2.86	5.71	1	EPA 8270D Certifications:	07/22/2020 06:49 CTDOH,NELAC-NY10854,NJDEP,PADEP	07/23/2020 12:02	OW

Sample Information

Client Sample ID: B-2 TW

York Sample ID: 20G0641-06

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
20G0641	28-34 Pearl Street Port Chester, New York	Water	July 16, 2020 12:00 am	07/17/2020

SVOA, 8270 - Comprehensive

Log-in Notes:

Sample Notes: EXT-D, EXT-EM

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
95-48-7	2-Methylphenol	ND		ug/L	2.86	5.71	1	EPA 8270D Certifications:	07/22/2020 06:49 CTDOH,NELAC-NY10854,NJDEP,PADEP	07/23/2020 12:02	OW
88-74-4	2-Nitroaniline	ND		ug/L	2.86	5.71	1	EPA 8270D Certifications:	07/22/2020 06:49 CTDOH,NELAC-NY10854,NJDEP,PADEP	07/23/2020 12:02	OW
88-75-5	2-Nitrophenol	ND		ug/L	2.86	5.71	1	EPA 8270D Certifications:	07/22/2020 06:49 CTDOH,NELAC-NY10854,NJDEP,PADEP	07/23/2020 12:02	OW
65794-96-9	3- & 4-Methylphenols	ND		ug/L	2.86	5.71	1	EPA 8270D Certifications:	07/22/2020 06:49 CTDOH,NELAC-NY10854,NJDEP,PADEP	07/23/2020 12:02	OW
91-94-1	3,3-Dichlorobenzidine	ND		ug/L	2.86	5.71	1	EPA 8270D Certifications:	07/22/2020 06:49 CTDOH,NELAC-NY10854,NJDEP,PADEP	07/23/2020 12:02	OW
99-09-2	3-Nitroaniline	ND		ug/L	2.86	5.71	1	EPA 8270D Certifications:	07/22/2020 06:49 CTDOH,NELAC-NY10854,NJDEP,PADEP	07/23/2020 12:02	OW
534-52-1	4,6-Dinitro-2-methylphenol	ND		ug/L	2.86	5.71	1	EPA 8270D Certifications:	07/22/2020 06:49 CTDOH,NELAC-NY10854,NJDEP,PADEP	07/23/2020 12:02	OW
101-55-3	4-Bromophenyl phenyl ether	ND		ug/L	2.86	5.71	1	EPA 8270D Certifications:	07/22/2020 06:49 CTDOH,NELAC-NY10854,NJDEP,PADEP	07/23/2020 12:02	OW
59-50-7	4-Chloro-3-methylphenol	ND		ug/L	2.86	5.71	1	EPA 8270D Certifications:	07/22/2020 06:49 CTDOH,NELAC-NY10854,NJDEP,PADEP	07/23/2020 12:02	OW
106-47-8	4-Chloroaniline	ND	CCV-L	ug/L	2.86	5.71	1	EPA 8270D Certifications:	07/22/2020 06:49 CTDOH,NELAC-NY10854,NJDEP,PADEP	07/23/2020 12:02	OW
7005-72-3	4-Chlorophenyl phenyl ether	ND		ug/L	2.86	5.71	1	EPA 8270D Certifications:	07/22/2020 06:49 CTDOH,NELAC-NY10854,NJDEP,PADEP	07/23/2020 12:02	OW
100-01-6	4-Nitroaniline	ND		ug/L	2.86	5.71	1	EPA 8270D Certifications:	07/22/2020 06:49 CTDOH,NELAC-NY10854,NJDEP,PADEP	07/23/2020 12:02	OW
100-02-7	4-Nitrophenol	ND		ug/L	5.71	5.71	1	EPA 8270D Certifications:	07/22/2020 06:49 CTDOH,NELAC-NY10854,NJDEP,PADEP	07/23/2020 12:02	OW
98-86-2	Acetophenone	ND		ug/L	2.86	5.71	1	EPA 8270D Certifications:	07/22/2020 06:49 NELAC-NY10854,NJDEP,PADEP	07/23/2020 12:02	OW
62-53-3	Aniline	ND		ug/L	2.86	5.71	1	EPA 8270D Certifications:	07/22/2020 06:49 NELAC-NY10854,NJDEP,PADEP	07/23/2020 12:02	OW
100-52-7	Benzaldehyde	ND	CCV-L	ug/L	2.86	5.71	1	EPA 8270D Certifications:	07/22/2020 06:49 NELAC-NY10854,NJDEP,PADEP	07/23/2020 12:02	OW
92-87-5	Benzidine	ND		ug/L	5.71	5.71	1	EPA 8270D Certifications:	07/22/2020 06:49 CTDOH,NELAC-NY10854,NJDEP,PADEP	07/23/2020 12:02	OW
65-85-0	Benzoic acid	ND		ug/L	2.86	5.71	1	EPA 8270D Certifications:	07/22/2020 06:49 NELAC-NY10854,NJDEP,PADEP	07/23/2020 12:02	OW
100-51-6	Benzyl alcohol	ND		ug/L	2.86	5.71	1	EPA 8270D Certifications:	07/22/2020 06:49 NELAC-NY10854,NJDEP,PADEP	07/23/2020 12:02	OW
85-68-7	Benzyl butyl phthalate	ND		ug/L	2.86	5.71	1	EPA 8270D Certifications:	07/22/2020 06:49 CTDOH,NELAC-NY10854,NJDEP,PADEP	07/23/2020 12:02	OW
111-91-1	Bis(2-chloroethoxy)methane	ND		ug/L	2.86	5.71	1	EPA 8270D Certifications:	07/22/2020 06:49 CTDOH,NELAC-NY10854,NJDEP,PADEP	07/23/2020 12:02	OW
111-44-4	Bis(2-chloroethyl)ether	ND		ug/L	1.14	5.71	1	EPA 8270D Certifications:	07/22/2020 06:49 CTDOH,NELAC-NY10854,NJDEP,PADEP	07/23/2020 12:02	OW
108-60-1	Bis(2-chloroisopropyl)ether	ND		ug/L	2.86	5.71	1	EPA 8270D Certifications:	07/22/2020 06:49 CTDOH,NELAC-NY10854,NJDEP,PADEP	07/23/2020 12:02	OW

Sample Information

Client Sample ID: B-2 TW

York Sample ID: 20G0641-06

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
20G0641	28-34 Pearl Street Port Chester, New York	Water	July 16, 2020 12:00 am	07/17/2020

SVOA, 8270 - Comprehensive

Log-in Notes:

Sample Notes: EXT-D, EXT-EM

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
105-60-2	Caprolactam	ND		ug/L	2.86	5.71	1	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	07/22/2020 06:49	07/23/2020 12:02	OW
86-74-8	Carbazole	ND		ug/L	2.86	5.71	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/22/2020 06:49	07/23/2020 12:02	OW
132-64-9	Dibenzofuran	ND		ug/L	2.86	5.71	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/22/2020 06:49	07/23/2020 12:02	OW
84-66-2	Diethyl phthalate	ND		ug/L	2.86	5.71	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/22/2020 06:49	07/23/2020 12:02	OW
131-11-3	Dimethyl phthalate	ND		ug/L	2.86	5.71	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/22/2020 06:49	07/23/2020 12:02	OW
84-74-2	Di-n-butyl phthalate	ND		ug/L	2.86	5.71	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/22/2020 06:49	07/23/2020 12:02	OW
117-84-0	Di-n-octyl phthalate	ND		ug/L	2.86	5.71	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/22/2020 06:49	07/23/2020 12:02	OW
77-47-4	Hexachlorocyclopentadiene	ND		ug/L	5.71	11.4	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/22/2020 06:49	07/23/2020 12:02	OW
78-59-1	Isophorone	ND		ug/L	2.86	5.71	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/22/2020 06:49	07/23/2020 12:02	OW
621-64-7	N-nitroso-di-n-propylamine	ND		ug/L	2.86	5.71	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/22/2020 06:49	07/23/2020 12:02	OW
86-30-6	N-Nitrosodiphenylamine	ND		ug/L	2.86	5.71	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/22/2020 06:49	07/23/2020 12:02	OW
108-95-2	Phenol	ND		ug/L	2.86	5.71	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/22/2020 06:49	07/23/2020 12:02	OW

	Surrogate Recoveries	Result	Acceptance Range
367-12-4	*Surrogate: SURR: 2-Fluorophenol*	*30.5 %*	*19.7-63.1*
4165-62-2	*Surrogate: SURR: Phenol-d5*	*20.3 %*	*10.1-41.7*
4165-60-0	*Surrogate: SURR: Nitrobenzene-d5*	*65.3 %*	*50.2-113*
321-60-8	*Surrogate: SURR: 2-Fluorobiphenyl*	*58.6 %*	*39.9-105*
118-79-6	*Surrogate: SURR: 2,4,6-Tribromophenol*	*117 %*	*39.3-151*
1718-51-0	*Surrogate: SURR: Terphenyl-d14*	*92.1 %*	*30.7-106*

SVOA, 8270 - Comprehensive

Log-in Notes:

Sample Notes: EXT-D, EXT-EM

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		ug/L	0.0571	1	EPA 8270D SIM Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/22/2020 06:49	07/23/2020 09:23	OW
208-96-8	Acenaphthylene	ND		ug/L	0.0571	1	EPA 8270D SIM Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/22/2020 06:49	07/23/2020 09:23	OW
120-12-7	Anthracene	ND		ug/L	0.0571	1	EPA 8270D SIM Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/22/2020 06:49	07/23/2020 09:23	OW
1912-24-9	Atrazine	ND		ug/L	0.571	1	EPA 8270D SIM Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2020 06:49	07/23/2020 09:23	OW

Sample Information

Client Sample ID: B-2 TW

York Sample ID: 20G0641-06

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
20G0641	28-34 Pearl Street Port Chester, New York	Water	July 16, 2020 12:00 am	07/17/2020

SVOA, 8270 - Comprehensive

Log-in Notes:

Sample Notes: EXT-D, EXT-EM

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
56-55-3	Benzo(a)anthracene	ND		ug/L	0.0571	1	EPA 8270D SIM Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/22/2020 06:49	07/23/2020 09:23	OW
50-32-8	Benzo(a)pyrene	ND		ug/L	0.0571	1	EPA 8270D SIM Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/22/2020 06:49	07/23/2020 09:23	OW
205-99-2	Benzo(b)fluoranthene	ND		ug/L	0.0571	1	EPA 8270D SIM Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/22/2020 06:49	07/23/2020 09:23	OW
191-24-2	Benzo(g,h,i)perylene	ND		ug/L	0.0571	1	EPA 8270D SIM Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/22/2020 06:49	07/23/2020 09:23	OW
207-08-9	Benzo(k)fluoranthene	ND		ug/L	0.0571	1	EPA 8270D SIM Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/22/2020 06:49	07/23/2020 09:23	OW
117-81-7	**Bis(2-ethylhexyl)phthalate**	**2.45**		ug/L	0.571	1	EPA 8270D SIM Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2020 06:49	07/23/2020 09:23	OW
218-01-9	Chrysene	ND		ug/L	0.0571	1	EPA 8270D SIM Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/22/2020 06:49	07/23/2020 09:23	OW
53-70-3	Dibenzo(a,h)anthracene	ND		ug/L	0.0571	1	EPA 8270D SIM Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/22/2020 06:49	07/23/2020 09:23	OW
206-44-0	Fluoranthene	ND		ug/L	0.0571	1	EPA 8270D SIM Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/22/2020 06:49	07/23/2020 09:23	OW
86-73-7	Fluorene	ND		ug/L	0.0571	1	EPA 8270D SIM Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/22/2020 06:49	07/23/2020 09:23	OW
118-74-1	Hexachlorobenzene	ND		ug/L	0.0229	1	EPA 8270D SIM Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2020 06:49	07/23/2020 09:23	OW
87-68-3	Hexachlorobutadiene	ND		ug/L	0.571	1	EPA 8270D SIM Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2020 06:49	07/23/2020 09:23	OW
67-72-1	Hexachloroethane	ND		ug/L	0.571	1	EPA 8270D SIM Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2020 06:49	07/23/2020 09:23	OW
193-39-5	Indeno(1,2,3-cd)pyrene	ND		ug/L	0.0571	1	EPA 8270D SIM Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/22/2020 06:49	07/23/2020 09:23	OW
91-20-3	Naphthalene	ND		ug/L	0.0571	1	EPA 8270D SIM Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/22/2020 06:49	07/23/2020 09:23	OW
98-95-3	Nitrobenzene	ND		ug/L	0.286	1	EPA 8270D SIM Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2020 06:49	07/23/2020 09:23	OW
62-75-9	N-Nitrosodimethylamine	ND		ug/L	0.571	1	EPA 8270D SIM Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2020 06:49	07/23/2020 09:23	OW
87-86-5	Pentachlorophenol	ND		ug/L	0.286	1	EPA 8270D SIM Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2020 06:49	07/23/2020 09:23	OW
85-01-8	Phenanthrene	ND		ug/L	0.0571	1	EPA 8270D SIM Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/22/2020 06:49	07/23/2020 09:23	OW
129-00-0	Pyrene	ND		ug/L	0.0571	1	EPA 8270D SIM Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/22/2020 06:49	07/23/2020 09:23	OW

Sample Information

Client Sample ID: **B-3 TW** **York Sample ID:** **20G0641-07**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
20G0641	28-34 Pearl Street Port Chester, New York	Water	July 16, 2020 12:00 am	07/17/2020

Volatile Organics, 8260 - Comprehensive

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	2.0	5.0	10	EPA 8260C Certifications:	07/23/2020 12:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/23/2020 23:21	SS
71-55-6	1,1,1-Trichloroethane	ND		ug/L	2.0	5.0	10	EPA 8260C Certifications:	07/23/2020 12:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/23/2020 23:21	SS
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	2.0	5.0	10	EPA 8260C Certifications:	07/23/2020 12:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/23/2020 23:21	SS
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/L	2.0	5.0	10	EPA 8260C Certifications:	07/23/2020 12:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/23/2020 23:21	SS
79-00-5	1,1,2-Trichloroethane	ND		ug/L	2.0	5.0	10	EPA 8260C Certifications:	07/23/2020 12:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/23/2020 23:21	SS
75-34-3	1,1-Dichloroethane	ND		ug/L	2.0	5.0	10	EPA 8260C Certifications:	07/23/2020 12:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/23/2020 23:21	SS
75-35-4	1,1-Dichloroethylene	ND		ug/L	2.0	5.0	10	EPA 8260C Certifications:	07/23/2020 12:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/23/2020 23:21	SS
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	2.0	5.0	10	EPA 8260C Certifications:	07/23/2020 12:30 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/23/2020 23:21	SS
96-18-4	**1,2,3-Trichloropropane**	**5.0**		ug/L	2.0	5.0	10	EPA 8260C Certifications:	07/23/2020 12:30 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/23/2020 23:21	SS
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	2.0	5.0	10	EPA 8260C Certifications:	07/23/2020 12:30 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/23/2020 23:21	SS
95-63-6	**1,2,4-Trimethylbenzene**	**54**		ug/L	2.0	5.0	10	EPA 8260C Certifications:	07/23/2020 12:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/23/2020 23:21	SS
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	2.0	5.0	10	EPA 8260C Certifications:	07/23/2020 12:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/23/2020 23:21	SS
106-93-4	1,2-Dibromoethane	ND		ug/L	2.0	5.0	10	EPA 8260C Certifications:	07/23/2020 12:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/23/2020 23:21	SS
95-50-1	1,2-Dichlorobenzene	ND		ug/L	2.0	5.0	10	EPA 8260C Certifications:	07/23/2020 12:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/23/2020 23:21	SS
107-06-2	1,2-Dichloroethane	ND		ug/L	2.0	5.0	10	EPA 8260C Certifications:	07/23/2020 12:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/23/2020 23:21	SS
78-87-5	1,2-Dichloropropane	ND		ug/L	2.0	5.0	10	EPA 8260C Certifications:	07/23/2020 12:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/23/2020 23:21	SS
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	2.0	5.0	10	EPA 8260C Certifications:	07/23/2020 12:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/23/2020 23:21	SS
541-73-1	1,3-Dichlorobenzene	ND		ug/L	2.0	5.0	10	EPA 8260C Certifications:	07/23/2020 12:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/23/2020 23:21	SS
106-46-7	1,4-Dichlorobenzene	ND		ug/L	2.0	5.0	10	EPA 8260C Certifications:	07/23/2020 12:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/23/2020 23:21	SS
123-91-1	1,4-Dioxane	ND		ug/L	400	400	10	EPA 8260C Certifications:	07/23/2020 12:30 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/23/2020 23:21	SS
78-93-3	2-Butanone	ND		ug/L	2.0	5.0	10	EPA 8260C Certifications:	07/23/2020 12:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/23/2020 23:21	SS
591-78-6	2-Hexanone	ND		ug/L	2.0	5.0	10	EPA 8260C Certifications:	07/23/2020 12:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/23/2020 23:21	SS
108-10-1	4-Methyl-2-pentanone	ND		ug/L	2.0	5.0	10	EPA 8260C Certifications:	07/23/2020 12:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/23/2020 23:21	SS

Sample Information

Client Sample ID: B-3 TW

York Sample ID: 20G0641-07

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
20G0641	28-34 Pearl Street Port Chester, New York	Water	July 16, 2020 12:00 am	07/17/2020

Volatile Organics, 8260 - Comprehensive

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
67-64-1	**Acetone**	**510**		ug/L	10	20	10	EPA 8260C	07/23/2020 12:30	07/23/2020 23:21	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
107-02-8	Acrolein	ND		ug/L	2.0	5.0	10	EPA 8260C	07/23/2020 12:30	07/23/2020 23:21	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
107-13-1	Acrylonitrile	ND		ug/L	2.0	5.0	10	EPA 8260C	07/23/2020 12:30	07/23/2020 23:21	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
71-43-2	**Benzene**	**35**		ug/L	2.0	5.0	10	EPA 8260C	07/23/2020 12:30	07/23/2020 23:21	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
74-97-5	Bromochloromethane	ND		ug/L	2.0	5.0	10	EPA 8260C	07/23/2020 12:30	07/23/2020 23:21	SS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-27-4	Bromodichloromethane	ND		ug/L	2.0	5.0	10	EPA 8260C	07/23/2020 12:30	07/23/2020 23:21	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-25-2	Bromoform	ND		ug/L	2.0	5.0	10	EPA 8260C	07/23/2020 12:30	07/23/2020 23:21	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
74-83-9	Bromomethane	ND		ug/L	2.0	5.0	10	EPA 8260C	07/23/2020 12:30	07/23/2020 23:21	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-15-0	Carbon disulfide	ND		ug/L	2.0	5.0	10	EPA 8260C	07/23/2020 12:30	07/23/2020 23:21	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
56-23-5	Carbon tetrachloride	ND		ug/L	2.0	5.0	10	EPA 8260C	07/23/2020 12:30	07/23/2020 23:21	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
108-90-7	Chlorobenzene	ND		ug/L	2.0	5.0	10	EPA 8260C	07/23/2020 12:30	07/23/2020 23:21	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-00-3	Chloroethane	ND		ug/L	2.0	5.0	10	EPA 8260C	07/23/2020 12:30	07/23/2020 23:21	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
67-66-3	Chloroform	ND		ug/L	2.0	5.0	10	EPA 8260C	07/23/2020 12:30	07/23/2020 23:21	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
74-87-3	Chloromethane	ND		ug/L	2.0	5.0	10	EPA 8260C	07/23/2020 12:30	07/23/2020 23:21	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
156-59-2	cis-1,2-Dichloroethylene	ND		ug/L	2.0	5.0	10	EPA 8260C	07/23/2020 12:30	07/23/2020 23:21	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	2.0	5.0	10	EPA 8260C	07/23/2020 12:30	07/23/2020 23:21	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
110-82-7	Cyclohexane	ND		ug/L	2.0	5.0	10	EPA 8260C	07/23/2020 12:30	07/23/2020 23:21	SS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
124-48-1	Dibromochloromethane	ND		ug/L	2.0	5.0	10	EPA 8260C	07/23/2020 12:30	07/23/2020 23:21	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
74-95-3	Dibromomethane	ND		ug/L	2.0	5.0	10	EPA 8260C	07/23/2020 12:30	07/23/2020 23:21	SS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-71-8	Dichlorodifluoromethane	ND		ug/L	2.0	5.0	10	EPA 8260C	07/23/2020 12:30	07/23/2020 23:21	SS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
100-41-4	**Ethyl Benzene**	**7.7**		ug/L	2.0	5.0	10	EPA 8260C	07/23/2020 12:30	07/23/2020 23:21	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
87-68-3	Hexachlorobutadiene	ND		ug/L	2.0	5.0	10	EPA 8260C	07/23/2020 12:30	07/23/2020 23:21	SS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
98-82-8	**Isopropylbenzene**	**23**		ug/L	2.0	5.0	10	EPA 8260C	07/23/2020 12:30	07/23/2020 23:21	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		

Sample Information

Client Sample ID: B-3 TW

York Sample ID: 20G0641-07

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
20G0641	28-34 Pearl Street Port Chester, New York	Water	July 16, 2020 12:00 am	07/17/2020

Volatile Organics, 8260 - Comprehensive

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
79-20-9	Methyl acetate	ND		ug/L	2.0	5.0	10	EPA 8260C Certifications:	07/23/2020 12:30 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/23/2020 23:21	SS
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	2.0	5.0	10	EPA 8260C Certifications:	07/23/2020 12:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/23/2020 23:21	SS
108-87-2	Methylcyclohexane	ND		ug/L	2.0	5.0	10	EPA 8260C Certifications:	07/23/2020 12:30 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/23/2020 23:21	SS
75-09-2	**Methylene chloride**	**14**	J, B	ug/L	10	20	10	EPA 8260C Certifications:	07/23/2020 12:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/23/2020 23:21	SS
104-51-8	**n-Butylbenzene**	**41**		ug/L	2.0	5.0	10	EPA 8260C Certifications:	07/23/2020 12:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/23/2020 23:21	SS
103-65-1	**n-Propylbenzene**	**60**		ug/L	2.0	5.0	10	EPA 8260C Certifications:	07/23/2020 12:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/23/2020 23:21	SS
95-47-6	o-Xylene	ND		ug/L	2.0	5.0	10	EPA 8260C Certifications:	07/23/2020 12:30 CTDOH,NELAC-NY10854,NELAC-NY12058,PADEP	07/23/2020 23:21	SS
179601-23-1	**p- & m- Xylenes**	**5.8**	J	ug/L	5.0	10	10	EPA 8260C Certifications:	07/23/2020 12:30 CTDOH,NELAC-NY10854,NELAC-NY12058,PADEP	07/23/2020 23:21	SS
99-87-6	**p-Isopropyltoluene**	**9.6**		ug/L	2.0	5.0	10	EPA 8260C Certifications:	07/23/2020 12:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/23/2020 23:21	SS
135-98-8	**sec-Butylbenzene**	**43**		ug/L	2.0	5.0	10	EPA 8260C Certifications:	07/23/2020 12:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/23/2020 23:21	SS
100-42-5	Styrene	ND		ug/L	2.0	5.0	10	EPA 8260C Certifications:	07/23/2020 12:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/23/2020 23:21	SS
75-65-0	tert-Butyl alcohol (TBA)	ND		ug/L	5.0	10	10	EPA 8260C Certifications:	07/23/2020 12:30 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/23/2020 23:21	SS
98-06-6	tert-Butylbenzene	ND		ug/L	2.0	5.0	10	EPA 8260C Certifications:	07/23/2020 12:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/23/2020 23:21	SS
127-18-4	Tetrachloroethylene	ND		ug/L	2.0	5.0	10	EPA 8260C Certifications:	07/23/2020 12:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/23/2020 23:21	SS
108-88-3	**Toluene**	**2.3**	J	ug/L	2.0	5.0	10	EPA 8260C Certifications:	07/23/2020 12:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/23/2020 23:21	SS
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	2.0	5.0	10	EPA 8260C Certifications:	07/23/2020 12:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/23/2020 23:21	SS
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	2.0	5.0	10	EPA 8260C Certifications:	07/23/2020 12:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/23/2020 23:21	SS
110-57-6	trans-1,4-dichloro-2-butene	ND		ug/L	2.0	5.0	10	EPA 8260C Certifications:	07/23/2020 12:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP	07/23/2020 23:21	SS
79-01-6	Trichloroethylene	ND		ug/L	2.0	5.0	10	EPA 8260C Certifications:	07/23/2020 12:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/23/2020 23:21	SS
75-69-4	Trichlorofluoromethane	ND		ug/L	2.0	5.0	10	EPA 8260C Certifications:	07/23/2020 12:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/23/2020 23:21	SS
75-01-4	Vinyl Chloride	ND		ug/L	2.0	5.0	10	EPA 8260C Certifications:	07/23/2020 12:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/23/2020 23:21	SS
1330-20-7	Xylenes, Total	ND		ug/L	6.0	15	10	EPA 8260C Certifications:	07/23/2020 12:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP	07/23/2020 23:21	SS

Surrogate Recoveries	Result	Acceptance Range

Sample Information

Client Sample ID: **B-3 TW** **York Sample ID:** **20G0641-07**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
20G0641	28-34 Pearl Street Port Chester, New York	Water	July 16, 2020 12:00 am	07/17/2020

Volatile Organics, 8260 - Comprehensive

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
17060-07-0	*Surrogate: SURR: 1,2-Dichloroethane-d4*	*102 %*			*69-130*						
2037-26-5	*Surrogate: SURR: Toluene-d8*	*103 %*			*81-117*						
460-00-4	*Surrogate: SURR: p-Bromofluorobenzene*	*106 %*			*79-122*						

SVOA, 8270 - Comprehensive

Log-in Notes:

Sample Notes: **EXT-D, EXT-EM**

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	2.86	5.71	1	EPA 8270D Certifications:	07/22/2020 06:49 NELAC-NY10854,NJDEP,PADEP	07/23/2020 12:33	OW
95-94-3	1,2,4,5-Tetrachlorobenzene	ND		ug/L	2.86	5.71	1	EPA 8270D Certifications:	07/22/2020 06:49 NELAC-NY10854,NJDEP,PADEP	07/23/2020 12:33	OW
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	2.86	5.71	1	EPA 8270D Certifications:	07/22/2020 06:49 CTDOH,NELAC-NY10854,NJDEP,PADEP	07/23/2020 12:33	OW
95-50-1	1,2-Dichlorobenzene	ND		ug/L	2.86	5.71	1	EPA 8270D Certifications:	07/22/2020 06:49 NELAC-NY10854,PADEP	07/23/2020 12:33	OW
122-66-7	1,2-Diphenylhydrazine (as Azobenzene)	ND		ug/L	2.86	5.71	1	EPA 8270D Certifications:	07/22/2020 06:49 NELAC-NY10854,NJDEP,PADEP	07/23/2020 12:33	OW
541-73-1	1,3-Dichlorobenzene	ND		ug/L	2.86	5.71	1	EPA 8270D Certifications:	07/22/2020 06:49 NELAC-NY10854,PADEP	07/23/2020 12:33	OW
106-46-7	1,4-Dichlorobenzene	ND		ug/L	2.86	5.71	1	EPA 8270D Certifications:	07/22/2020 06:49 NELAC-NY10854,PADEP	07/23/2020 12:33	OW
58-90-2	2,3,4,6-Tetrachlorophenol	ND		ug/L	2.86	5.71	1	EPA 8270D Certifications:	07/22/2020 06:49 NELAC-NY10854,NJDEP,PADEP	07/23/2020 12:33	OW
95-95-4	2,4,5-Trichlorophenol	ND		ug/L	2.86	5.71	1	EPA 8270D Certifications:	07/22/2020 06:49 CTDOH,NELAC-NY10854,NJDEP,PADEP	07/23/2020 12:33	OW
88-06-2	2,4,6-Trichlorophenol	ND		ug/L	2.86	5.71	1	EPA 8270D Certifications:	07/22/2020 06:49 CTDOH,NELAC-NY10854,NJDEP,PADEP	07/23/2020 12:33	OW
120-83-2	2,4-Dichlorophenol	ND		ug/L	2.86	5.71	1	EPA 8270D Certifications:	07/22/2020 06:49 CTDOH,NELAC-NY10854,NJDEP,PADEP	07/23/2020 12:33	OW
105-67-9	2,4-Dimethylphenol	ND		ug/L	2.86	5.71	1	EPA 8270D Certifications:	07/22/2020 06:49 CTDOH,NELAC-NY10854,NJDEP,PADEP	07/23/2020 12:33	OW
51-28-5	2,4-Dinitrophenol	ND		ug/L	2.86	5.71	1	EPA 8270D Certifications:	07/22/2020 06:49 CTDOH,NELAC-NY10854,NJDEP,PADEP	07/23/2020 12:33	OW
121-14-2	2,4-Dinitrotoluene	ND		ug/L	2.86	5.71	1	EPA 8270D Certifications:	07/22/2020 06:49 CTDOH,NELAC-NY10854,NJDEP,PADEP	07/23/2020 12:33	OW
606-20-2	2,6-Dinitrotoluene	ND		ug/L	2.86	5.71	1	EPA 8270D Certifications:	07/22/2020 06:49 CTDOH,NELAC-NY10854,NJDEP,PADEP	07/23/2020 12:33	OW
91-58-7	2-Chloronaphthalene	ND		ug/L	2.86	5.71	1	EPA 8270D Certifications:	07/22/2020 06:49 CTDOH,NELAC-NY10854,NJDEP,PADEP	07/23/2020 12:33	OW
95-57-8	2-Chlorophenol	ND		ug/L	2.86	5.71	1	EPA 8270D Certifications:	07/22/2020 06:49 CTDOH,NELAC-NY10854,NJDEP,PADEP	07/23/2020 12:33	OW
91-57-6	**2-Methylnaphthalene**	**44.4**		ug/L	2.86	5.71	1	EPA 8270D Certifications:	07/22/2020 06:49 CTDOH,NELAC-NY10854,NJDEP,PADEP	07/23/2020 12:33	OW

Sample Information

Client Sample ID: B-3 TW

York Sample ID: 20G0641-07

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
20G0641	28-34 Pearl Street Port Chester, New York	Water	July 16, 2020 12:00 am	07/17/2020

SVOA, 8270 - Comprehensive

Log-in Notes:

Sample Notes: EXT-D, EXT-EM

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
95-48-7	2-Methylphenol	ND		ug/L	2.86	5.71	1	EPA 8270D Certifications:	07/22/2020 06:49 CTDOH,NELAC-NY10854,NJDEP,PADEP	07/23/2020 12:33	OW
88-74-4	2-Nitroaniline	ND		ug/L	2.86	5.71	1	EPA 8270D Certifications:	07/22/2020 06:49 CTDOH,NELAC-NY10854,NJDEP,PADEP	07/23/2020 12:33	OW
88-75-5	2-Nitrophenol	ND		ug/L	2.86	5.71	1	EPA 8270D Certifications:	07/22/2020 06:49 CTDOH,NELAC-NY10854,NJDEP,PADEP	07/23/2020 12:33	OW
65794-96-9	3- & 4-Methylphenols	ND		ug/L	2.86	5.71	1	EPA 8270D Certifications:	07/22/2020 06:49 CTDOH,NELAC-NY10854,NJDEP,PADEP	07/23/2020 12:33	OW
91-94-1	3,3-Dichlorobenzidine	ND		ug/L	2.86	5.71	1	EPA 8270D Certifications:	07/22/2020 06:49 CTDOH,NELAC-NY10854,NJDEP,PADEP	07/23/2020 12:33	OW
99-09-2	3-Nitroaniline	ND		ug/L	2.86	5.71	1	EPA 8270D Certifications:	07/22/2020 06:49 CTDOH,NELAC-NY10854,NJDEP,PADEP	07/23/2020 12:33	OW
534-52-1	4,6-Dinitro-2-methylphenol	ND		ug/L	2.86	5.71	1	EPA 8270D Certifications:	07/22/2020 06:49 CTDOH,NELAC-NY10854,NJDEP,PADEP	07/23/2020 12:33	OW
101-55-3	4-Bromophenyl phenyl ether	ND		ug/L	2.86	5.71	1	EPA 8270D Certifications:	07/22/2020 06:49 CTDOH,NELAC-NY10854,NJDEP,PADEP	07/23/2020 12:33	OW
59-50-7	4-Chloro-3-methylphenol	ND		ug/L	2.86	5.71	1	EPA 8270D Certifications:	07/22/2020 06:49 CTDOH,NELAC-NY10854,NJDEP,PADEP	07/23/2020 12:33	OW
106-47-8	4-Chloroaniline	ND	CCV-L	ug/L	2.86	5.71	1	EPA 8270D Certifications:	07/22/2020 06:49 CTDOH,NELAC-NY10854,NJDEP,PADEP	07/23/2020 12:33	OW
7005-72-3	4-Chlorophenyl phenyl ether	ND		ug/L	2.86	5.71	1	EPA 8270D Certifications:	07/22/2020 06:49 CTDOH,NELAC-NY10854,NJDEP,PADEP	07/23/2020 12:33	OW
100-01-6	4-Nitroaniline	ND		ug/L	2.86	5.71	1	EPA 8270D Certifications:	07/22/2020 06:49 CTDOH,NELAC-NY10854,NJDEP,PADEP	07/23/2020 12:33	OW
100-02-7	4-Nitrophenol	ND		ug/L	5.71	5.71	1	EPA 8270D Certifications:	07/22/2020 06:49 CTDOH,NELAC-NY10854,NJDEP,PADEP	07/23/2020 12:33	OW
98-86-2	Acetophenone	ND		ug/L	2.86	5.71	1	EPA 8270D Certifications:	07/22/2020 06:49 NELAC-NY10854,NJDEP,PADEP	07/23/2020 12:33	OW
62-53-3	Aniline	ND		ug/L	2.86	5.71	1	EPA 8270D Certifications:	07/22/2020 06:49 NELAC-NY10854,NJDEP,PADEP	07/23/2020 12:33	OW
100-52-7	Benzaldehyde	ND	CCV-L	ug/L	2.86	5.71	1	EPA 8270D Certifications:	07/22/2020 06:49 NELAC-NY10854,NJDEP,PADEP	07/23/2020 12:33	OW
92-87-5	Benzidine	ND		ug/L	5.71	5.71	1	EPA 8270D Certifications:	07/22/2020 06:49 CTDOH,NELAC-NY10854,NJDEP,PADEP	07/23/2020 12:33	OW
65-85-0	Benzoic acid	ND		ug/L	2.86	5.71	1	EPA 8270D Certifications:	07/22/2020 06:49 NELAC-NY10854,NJDEP,PADEP	07/23/2020 12:33	OW
100-51-6	Benzyl alcohol	ND		ug/L	2.86	5.71	1	EPA 8270D Certifications:	07/22/2020 06:49 NELAC-NY10854,NJDEP,PADEP	07/23/2020 12:33	OW
85-68-7	Benzyl butyl phthalate	ND		ug/L	2.86	5.71	1	EPA 8270D Certifications:	07/22/2020 06:49 CTDOH,NELAC-NY10854,NJDEP,PADEP	07/23/2020 12:33	OW
111-91-1	Bis(2-chloroethoxy)methane	ND		ug/L	2.86	5.71	1	EPA 8270D Certifications:	07/22/2020 06:49 CTDOH,NELAC-NY10854,NJDEP,PADEP	07/23/2020 12:33	OW
111-44-4	Bis(2-chloroethyl)ether	ND		ug/L	1.14	5.71	1	EPA 8270D Certifications:	07/22/2020 06:49 CTDOH,NELAC-NY10854,NJDEP,PADEP	07/23/2020 12:33	OW
108-60-1	Bis(2-chloroisopropyl)ether	ND		ug/L	2.86	5.71	1	EPA 8270D Certifications:	07/22/2020 06:49 CTDOH,NELAC-NY10854,NJDEP,PADEP	07/23/2020 12:33	OW

Sample Information

Client Sample ID: B-3 TW

York Sample ID: 20G0641-07

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
20G0641	28-34 Pearl Street Port Chester, New York	Water	July 16, 2020 12:00 am	07/17/2020

SVOA, 8270 - Comprehensive

Log-in Notes:

Sample Notes: EXT-D, EXT-EM

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
105-60-2	Caprolactam	ND		ug/L	2.86	5.71	1	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	07/22/2020 06:49	07/23/2020 12:33	OW
86-74-8	Carbazole	ND		ug/L	2.86	5.71	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/22/2020 06:49	07/23/2020 12:33	OW
132-64-9	Dibenzofuran	ND		ug/L	2.86	5.71	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/22/2020 06:49	07/23/2020 12:33	OW
84-66-2	Diethyl phthalate	ND		ug/L	2.86	5.71	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/22/2020 06:49	07/23/2020 12:33	OW
131-11-3	Dimethyl phthalate	ND		ug/L	2.86	5.71	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/22/2020 06:49	07/23/2020 12:33	OW
84-74-2	Di-n-butyl phthalate	ND		ug/L	2.86	5.71	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/22/2020 06:49	07/23/2020 12:33	OW
117-84-0	Di-n-octyl phthalate	ND		ug/L	2.86	5.71	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/22/2020 06:49	07/23/2020 12:33	OW
77-47-4	Hexachlorocyclopentadiene	ND		ug/L	5.71	11.4	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/22/2020 06:49	07/23/2020 12:33	OW
78-59-1	Isophorone	ND		ug/L	2.86	5.71	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/22/2020 06:49	07/23/2020 12:33	OW
621-64-7	N-nitroso-di-n-propylamine	ND		ug/L	2.86	5.71	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/22/2020 06:49	07/23/2020 12:33	OW
86-30-6	N-Nitrosodiphenylamine	ND		ug/L	2.86	5.71	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/22/2020 06:49	07/23/2020 12:33	OW
108-95-2	Phenol	ND		ug/L	2.86	5.71	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/22/2020 06:49	07/23/2020 12:33	OW

	Surrogate Recoveries	Result		Acceptance Range
367-12-4	*Surrogate: SURR: 2-Fluorophenol*	*39.3 %*		*19.7-63.1*
4165-62-2	*Surrogate: SURR: Phenol-d5*	*20.4 %*		*10.1-41.7*
4165-60-0	*Surrogate: SURR: Nitrobenzene-d5*	*188 %*	S-08	*50.2-113*
321-60-8	*Surrogate: SURR: 2-Fluorobiphenyl*	*60.9 %*		*39.9-105*
118-79-6	*Surrogate: SURR: 2,4,6-Tribromophenol*	*124 %*		*39.3-151*
1718-51-0	*Surrogate: SURR: Terphenyl-d14*	*81.1 %*		*30.7-106*

SVOA, 8270 - Comprehensive

Log-in Notes:

Sample Notes: EXT-D, EXT-EM

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**	**2.01**		ug/L	0.0571	1	EPA 8270D SIM Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/22/2020 06:49	07/23/2020 09:54	OW
208-96-8	**Acenaphthylene**	**1.04**	B	ug/L	0.0571	1	EPA 8270D SIM Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/22/2020 06:49	07/23/2020 09:54	OW
120-12-7	**Anthracene**	**1.44**		ug/L	0.0571	1	EPA 8270D SIM Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/22/2020 06:49	07/23/2020 09:54	OW
1912-24-9	Atrazine	ND		ug/L	0.571	1	EPA 8270D SIM Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2020 06:49	07/23/2020 09:54	OW

Sample Information

Client Sample ID: B-3 TW

York Sample ID: 20G0641-07

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
20G0641	28-34 Pearl Street Port Chester, New York	Water	July 16, 2020 12:00 am	07/17/2020

SVOA, 8270 - Comprehensive

Log-in Notes:

Sample Notes: EXT-D, EXT-EM

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
56-55-3	**Benzo(a)anthracene**	**0.320**		ug/L	0.0571	1	EPA 8270D SIM	07/22/2020 06:49	07/23/2020 09:54	OW
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
50-32-8	**Benzo(a)pyrene**	**0.149**		ug/L	0.0571	1	EPA 8270D SIM	07/22/2020 06:49	07/23/2020 09:54	OW
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
205-99-2	**Benzo(b)fluoranthene**	**0.137**		ug/L	0.0571	1	EPA 8270D SIM	07/22/2020 06:49	07/23/2020 09:54	OW
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
191-24-2	**Benzo(g,h,i)perylene**	**0.160**		ug/L	0.0571	1	EPA 8270D SIM	07/22/2020 06:49	07/23/2020 09:54	OW
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
207-08-9	**Benzo(k)fluoranthene**	**0.103**		ug/L	0.0571	1	EPA 8270D SIM	07/22/2020 06:49	07/23/2020 09:54	OW
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
117-81-7	Bis(2-ethylhexyl)phthalate	ND		ug/L	0.571	1	EPA 8270D SIM	07/22/2020 06:49	07/23/2020 09:54	OW
							Certifications: CTDOH,NELAC-NY10854,NJDEP			
218-01-9	**Chrysene**	**0.251**		ug/L	0.0571	1	EPA 8270D SIM	07/22/2020 06:49	07/23/2020 09:54	OW
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
53-70-3	Dibenzo(a,h)anthracene	ND		ug/L	0.0571	1	EPA 8270D SIM	07/22/2020 06:49	07/23/2020 09:54	OW
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
206-44-0	**Fluoranthene**	**1.29**		ug/L	0.0571	1	EPA 8270D SIM	07/22/2020 06:49	07/23/2020 09:54	OW
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
86-73-7	**Fluorene**	**3.97**		ug/L	0.0571	1	EPA 8270D SIM	07/22/2020 06:49	07/23/2020 09:54	OW
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
118-74-1	Hexachlorobenzene	ND		ug/L	0.0229	1	EPA 8270D SIM	07/22/2020 06:49	07/23/2020 09:54	OW
							Certifications: CTDOH,NELAC-NY10854,NJDEP			
87-68-3	Hexachlorobutadiene	ND		ug/L	0.571	1	EPA 8270D SIM	07/22/2020 06:49	07/23/2020 09:54	OW
							Certifications: CTDOH,NELAC-NY10854,NJDEP			
67-72-1	Hexachloroethane	ND		ug/L	0.571	1	EPA 8270D SIM	07/22/2020 06:49	07/23/2020 09:54	OW
							Certifications: CTDOH,NELAC-NY10854,NJDEP			
193-39-5	**Indeno(1,2,3-cd)pyrene**	**0.0571**		ug/L	0.0571	1	EPA 8270D SIM	07/22/2020 06:49	07/23/2020 09:54	OW
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
91-20-3	**Naphthalene**	**8.11**	B	ug/L	0.286	5	EPA 8270D SIM	07/22/2020 06:49	07/23/2020 10:26	OW
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
98-95-3	Nitrobenzene	ND		ug/L	0.286	1	EPA 8270D SIM	07/22/2020 06:49	07/23/2020 09:54	OW
							Certifications: CTDOH,NELAC-NY10854,NJDEP			
62-75-9	N-Nitrosodimethylamine	ND		ug/L	0.571	1	EPA 8270D SIM	07/22/2020 06:49	07/23/2020 09:54	OW
							Certifications: CTDOH,NELAC-NY10854,NJDEP			
87-86-5	Pentachlorophenol	ND		ug/L	0.286	1	EPA 8270D SIM	07/22/2020 06:49	07/23/2020 09:54	OW
							Certifications: CTDOH,NELAC-NY10854,NJDEP			
85-01-8	**Phenanthrene**	**5.42**		ug/L	0.0571	1	EPA 8270D SIM	07/22/2020 06:49	07/23/2020 09:54	OW
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
129-00-0	**Pyrene**	**1.30**		ug/L	0.0571	1	EPA 8270D SIM	07/22/2020 06:49	07/23/2020 09:54	OW
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			

Analytical Batch Summary

Batch ID: BG00924 **Preparation Method:** % Solids Prep **Prepared By:** WJM

YORK Sample ID	Client Sample ID	Preparation Date
20G0641-01	B-1	07/20/20

Batch ID: BG00925 **Preparation Method:** % Solids Prep **Prepared By:** WJM

YORK Sample ID	Client Sample ID	Preparation Date
20G0641-02	B-2	07/20/20
20G0641-03	B-3	07/20/20
20G0641-04	B-4	07/20/20
20G0641-05	B-5	07/20/20

Batch ID: BG00929 **Preparation Method:** EPA 3050B **Prepared By:** SY

YORK Sample ID	Client Sample ID	Preparation Date
20G0641-03	B-3	07/20/20
20G0641-04	B-4	07/20/20
BG00929-BLK1	Blank	07/20/20
BG00929-SRM1	Reference	07/20/20

Batch ID: BG00931 **Preparation Method:** EPA 7473 soil **Prepared By:** SY

YORK Sample ID	Client Sample ID	Preparation Date
20G0641-03	B-3	07/20/20
20G0641-04	B-4	07/20/20
BG00931-BLK1	Blank	07/20/20
BG00931-SRM1	Reference	07/20/20

Batch ID: BG00942 **Preparation Method:** EPA 5035A **Prepared By:** CLO

YORK Sample ID	Client Sample ID	Preparation Date
20G0641-01	B-1	07/20/20
20G0641-02	B-2	07/20/20
20G0641-04	B-4	07/20/20
20G0641-05	B-5	07/20/20
BG00942-BLK1	Blank	07/20/20
BG00942-BLK2	Blank	07/20/20
BG00942-BS1	LCS	07/20/20
BG00942-BSD1	LCS Dup	07/20/20

Batch ID: BG01018 **Preparation Method:** EPA 5035A **Prepared By:** LM

YORK Sample ID	Client Sample ID	Preparation Date
20G0641-03	B-3	07/21/20

BG01018-BLK1	Blank	07/21/20
BG01018-BLK2	Blank	07/21/20
BG01018-BS1	LCS	07/21/20
BG01018-BSD1	LCS Dup	07/21/20

Batch ID: BG01070 **Preparation Method:** EPA 3550C **Prepared By:** PD

YORK Sample ID	Client Sample ID	Preparation Date
20G0641-01	B-1	07/22/20
20G0641-02	B-2	07/22/20
20G0641-03	B-3	07/22/20
20G0641-04	B-4	07/22/20
20G0641-05	B-5	07/22/20
BG01070-BLK1	Blank	07/22/20
BG01070-BS1	LCS	07/22/20

Batch ID: BG01074 **Preparation Method:** EPA 3510C **Prepared By:** LJ

YORK Sample ID	Client Sample ID	Preparation Date
20G0641-06	B-2 TW	07/22/20
20G0641-07	B-3 TW	07/22/20
20G0641-07RE1	B-3 TW	07/22/20
BG01074-BLK1	Blank	07/22/20
BG01074-BLK2	Blank	07/22/20
BG01074-BS1	LCS	07/22/20
BG01074-BS2	LCS	07/22/20
BG01074-BSD1	LCS Dup	07/22/20

Batch ID: BG01088 **Preparation Method:** EPA 5030B **Prepared By:** CLO

YORK Sample ID	Client Sample ID	Preparation Date
20G0641-06	B-2 TW	07/22/20
BG01088-BLK1	Blank	07/22/20
BG01088-BS1	LCS	07/22/20
BG01088-BSD1	LCS Dup	07/22/20

Batch ID: BG01181 **Preparation Method:** EPA 5030B **Prepared By:** CLO

YORK Sample ID	Client Sample ID	Preparation Date
20G0641-07	B-3 TW	07/23/20
BG01181-BLK1	Blank	07/23/20
BG01181-BS1	LCS	07/23/20
BG01181-BSD1	LCS Dup	07/23/20

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BG00942 - EPA 5035A											
Blank (BG00942-BLK1)									Prepared & Analyzed: 07/20/2020		
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	5.9	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.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BG00942 - EPA 5035A											
Blank (BG00942-BLK1)											Prepared & Analyzed: 07/20/2020
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	*52.5*		*ug/L*	*50.0*		*105*	*77-125*				
Surrogate: SURR: Toluene-d8	*48.9*		*"*	*50.0*		*97.9*	*85-120*				
Surrogate: SURR: p-Bromofluorobenzene	*48.0*		*"*	*50.0*		*96.1*	*76-130*				
Blank (BG00942-BLK2)											Prepared & Analyzed: 07/20/2020
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	"								

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BG00942 - EPA 5035A											
Blank (BG00942-BLK2)											
Prepared & Analyzed: 07/20/2020											
Benzene	ND	500	ug/kg wet								
Bromochloromethane	ND	500	"								
Bromodichloromethane	ND	500	"								
Bromoform	ND	500	"								
Bromomethane	ND	500	"								
Carbon disulfide	590	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	"								
n-Butylbenzene	ND	500	"								
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	*50.9*		*ug/L*	*50.0*		*102*	*77-125*				
Surrogate: SURR: Toluene-d8	*48.8*		*"*	*50.0*		*97.6*	*85-120*				
Surrogate: SURR: p-Bromofluorobenzene	*48.5*		*"*	*50.0*		*97.0*	*76-130*				

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BG00942 - EPA 5035A											
LCS (BG00942-BS1)							Prepared & Analyzed: 07/20/2020				
1,1,1,2-Tetrachloroethane	53		ug/L	50.0		106	75-129				
1,1,1-Trichloroethane	55		"	50.0		109	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	53		"	50.0		106	83-123				
1,1-Dichloroethane	40		"	50.0		80.8	75-130				
1,1-Dichloroethylene	53		"	50.0		107	64-137				
1,2,3-Trichlorobenzene	53		"	50.0		106	81-140				
1,2,3-Trichloropropane	51		"	50.0		101	81-126				
1,2,4-Trichlorobenzene	55		"	50.0		110	80-141				
1,2,4-Trimethylbenzene	53		"	50.0		105	84-125				
1,2-Dibromo-3-chloropropane	50		"	50.0		100	74-142				
1,2-Dibromoethane	53		"	50.0		107	86-123				
1,2-Dichlorobenzene	52		"	50.0		105	85-122				
1,2-Dichloroethane	51		"	50.0		103	71-133				
1,2-Dichloropropane	54		"	50.0		107	81-122				
1,3,5-Trimethylbenzene	52		"	50.0		104	82-126				
1,3-Dichlorobenzene	51		"	50.0		102	84-124				
1,4-Dichlorobenzene	50		"	50.0		101	84-124				
1,4-Dioxane	1300		"	1050		128	10-228				
2-Butanone	55		"	50.0		110	58-147				
2-Hexanone	57		"	50.0		113	70-139				
4-Methyl-2-pentanone	62		"	50.0		124	72-132				
Acetone	42		"	50.0		83.2	36-155				
Acrolein	82		"	50.0		164	10-238				
Acrylonitrile	39		"	50.0		77.4	66-141				
Benzene	53		"	50.0		107	77-127				
Bromochloromethane	52		"	50.0		104	74-129				
Bromodichloromethane	57		"	50.0		115	81-124				
Bromoform	52		"	50.0		104	80-136				
Bromomethane	48		"	50.0		95.8	32-177				
Carbon disulfide	34		"	50.0		67.9	10-136				
Carbon tetrachloride	54		"	50.0		109	66-143				
Chlorobenzene	52		"	50.0		105	86-120				
Chloroethane	41		"	50.0		81.1	51-142				
Chloroform	53		"	50.0		106	76-131				
Chloromethane	45		"	50.0		90.1	49-132				
cis-1,2-Dichloroethylene	51		"	50.0		103	74-132				
cis-1,3-Dichloropropylene	59		"	50.0		117	81-129				
Cyclohexane	50		"	50.0		100	70-130				
Dibromochloromethane	50		"	50.0		101	10-200				
Dibromomethane	55		"	50.0		109	83-124				
Dichlorodifluoromethane	41		"	50.0		82.7	28-158				
Ethyl Benzene	53		"	50.0		106	84-125				
Hexachlorobutadiene	54		"	50.0		107	83-133				
Isopropylbenzene	52		"	50.0		103	81-127				
Methyl acetate	34		"	50.0		67.3	41-143				
Methyl tert-butyl ether (MTBE)	43		"	50.0		85.4	74-131				
Methylcyclohexane	50		"	50.0		99.4	70-130				
Methylene chloride	38		"	50.0		75.6	57-141				

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BG00942 - EPA 5035A											
LCS (BG00942-BS1)								Prepared & Analyzed: 07/20/2020			
n-Butylbenzene	66		ug/L	50.0		131	80-130	High Bias			
n-Propylbenzene	51		"	50.0		102	74-136				
o-Xylene	53		"	50.0		106	83-123				
p- & m- Xylenes	110		"	100		106	82-128				
p-Isopropyltoluene	54		"	50.0		108	85-125				
sec-Butylbenzene	53		"	50.0		106	83-125				
Styrene	54		"	50.0		109	86-126				
tert-Butyl alcohol (TBA)	220		"	250		90.0	70-130				
tert-Butylbenzene	52		"	50.0		104	80-127				
Tetrachloroethylene	51		"	50.0		101	80-129				
Toluene	58		"	50.0		117	85-121				
trans-1,2-Dichloroethylene	43		"	50.0		85.3	72-132				
trans-1,3-Dichloropropylene	49		"	50.0		98.2	78-132				
trans-1,4-dichloro-2-butene	50		"	50.0		101	75-135				
Trichloroethylene	56		"	50.0		113	84-123				
Trichlorofluoromethane	52		"	50.0		104	62-140				
Vinyl Chloride	41		"	50.0		81.9	52-130				
Surrogate: SURR: 1,2-Dichloroethane-d4	*50.0*		*"*	*50.0*		*100*	*77-125*				
Surrogate: SURR: Toluene-d8	*49.6*		*"*	*50.0*		*99.2*	*85-120*				
Surrogate: SURR: p-Bromofluorobenzene	*47.9*		*"*	*50.0*		*95.8*	*76-130*				
LCS Dup (BG00942-BSD1)								Prepared & Analyzed: 07/20/2020			
1,1,1,2-Tetrachloroethane	54		ug/L	50.0		108	75-129		2.19	30	
1,1,1-Trichloroethane	57		"	50.0		115	71-137		4.94	30	
1,1,2,2-Tetrachloroethane	49		"	50.0		98.6	79-129		3.15	30	
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	48		"	50.0		96.7	58-146		9.02	30	
1,1,2-Trichloroethane	53		"	50.0		106	83-123		0.283	30	
1,1-Dichloroethane	42		"	50.0		84.8	75-130		4.85	30	
1,1-Dichloroethylene	49		"	50.0		97.6	64-137		9.07	30	
1,2,3-Trichlorobenzene	55		"	50.0		109	81-140		2.77	30	
1,2,3-Trichloropropane	50		"	50.0		99.8	81-126		1.71	30	
1,2,4-Trichlorobenzene	57		"	50.0		114	80-141		3.88	30	
1,2,4-Trimethylbenzene	53		"	50.0		106	84-125		0.568	30	
1,2-Dibromo-3-chloropropane	48		"	50.0		96.1	74-142		4.28	30	
1,2-Dibromoethane	53		"	50.0		107	86-123		0.206	30	
1,2-Dichlorobenzene	53		"	50.0		106	85-122		1.05	30	
1,2-Dichloroethane	54		"	50.0		107	71-133		4.43	30	
1,2-Dichloropropane	53		"	50.0		106	81-122		1.09	30	
1,3,5-Trimethylbenzene	53		"	50.0		106	82-126		1.54	30	
1,3-Dichlorobenzene	51		"	50.0		102	84-124		0.118	30	
1,4-Dichlorobenzene	51		"	50.0		102	84-124		1.09	30	
1,4-Dioxane	1300		"	1050		123	10-228		3.59	30	
2-Butanone	55		"	50.0		109	58-147		0.475	30	
2-Hexanone	55		"	50.0		109	70-139		3.70	30	
4-Methyl-2-pentanone	58		"	50.0		117	72-132		6.27	30	
Acetone	37		"	50.0		73.0	36-155		13.0	30	
Acrolein	69		"	50.0		138	10-238		17.4	30	
Acrylonitrile	39		"	50.0		77.3	66-141		0.0517	30	
Benzene	54		"	50.0		108	77-127		1.01	30	
Bromochloromethane	52		"	50.0		104	74-129		0.173	30	

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BG00942 - EPA 5035A											
LCS Dup (BG00942-BSD1)								Prepared & Analyzed: 07/20/2020			
Bromodichloromethane	59		ug/L	50.0		118	81-124		2.56	30	
Bromoform	53		"	50.0		106	80-136		1.75	30	
Bromomethane	52		"	50.0		104	32-177		8.38	30	
Carbon disulfide	36		"	50.0		71.9	10-136		5.69	30	
Carbon tetrachloride	57		"	50.0		115	66-143		5.40	30	
Chlorobenzene	53		"	50.0		106	86-120		1.16	30	
Chloroethane	42		"	50.0		84.7	51-142		4.41	30	
Chloroform	55		"	50.0		110	76-131		3.61	30	
Chloromethane	43		"	50.0		85.1	49-132		5.64	30	
cis-1,2-Dichloroethylene	54		"	50.0		107	74-132		4.47	30	
cis-1,3-Dichloropropylene	59		"	50.0		118	81-129		0.832	30	
Cyclohexane	50		"	50.0		100	70-130		0.179	30	
Dibromochloromethane	52		"	50.0		103	10-200		2.63	30	
Dibromomethane	54		"	50.0		109	83-124		0.293	30	
Dichlorodifluoromethane	44		"	50.0		87.4	28-158		5.48	30	
Ethyl Benzene	54		"	50.0		107	84-125		0.731	30	
Hexachlorobutadiene	56		"	50.0		113	83-133		4.94	30	
Isopropylbenzene	52		"	50.0		104	81-127		0.251	30	
Methyl acetate	34		"	50.0		67.4	41-143		0.0297	30	
Methyl tert-butyl ether (MTBE)	45		"	50.0		90.4	74-131		5.67	30	
Methylcyclohexane	50		"	50.0		99.5	70-130		0.0402	30	
Methylene chloride	40		"	50.0		79.3	57-141		4.78	30	
n-Butylbenzene	65		"	50.0		131	80-130	High Bias	0.122	30	
n-Propylbenzene	51		"	50.0		102	74-136		0.137	30	
o-Xylene	54		"	50.0		108	83-123		1.55	30	
p- & m- Xylenes	110		"	100		107	82-128		1.22	30	
p-Isopropyltoluene	55		"	50.0		109	85-125		1.05	30	
sec-Butylbenzene	53		"	50.0		107	83-125		0.619	30	
Styrene	55		"	50.0		109	86-126		0.807	30	
tert-Butyl alcohol (TBA)	220		"	250		88.7	70-130		1.36	30	
tert-Butylbenzene	52		"	50.0		105	80-127		0.749	30	
Tetrachloroethylene	51		"	50.0		103	80-129		1.67	30	
Toluene	59		"	50.0		117	85-121		0.308	30	
trans-1,2-Dichloroethylene	45		"	50.0		90.2	72-132		5.63	30	
trans-1,3-Dichloropropylene	49		"	50.0		98.9	78-132		0.649	30	
trans-1,4-dichloro-2-butene	49		"	50.0		97.8	75-135		2.94	30	
Trichloroethylene	57		"	50.0		115	84-123		2.11	30	
Trichlorofluoromethane	56		"	50.0		112	62-140		7.28	30	
Vinyl Chloride	41		"	50.0		82.2	52-130		0.366	30	
Surrogate: SURR: 1,2-Dichloroethane-d4	*51.6*		*"*	*50.0*		*103*	*77-125*				
Surrogate: SURR: Toluene-d8	*49.4*		*"*	*50.0*		*98.8*	*85-120*				
Surrogate: SURR: p-Bromofluorobenzene	*47.6*		*"*	*50.0*		*95.2*	*76-130*				

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BG01018 - EPA 5035A											
Blank (BG01018-BLK1)											
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	5.8	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	"								

Prepared & Analyzed: 07/21/2020

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BG01018 - EPA 5035A											
Blank (BG01018-BLK1)									Prepared & Analyzed: 07/21/2020		
n-Butylbenzene	ND	5.0	ug/kg wet								
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	*51.6*		*ug/L*	*50.0*		*103*	*77-125*				
Surrogate: SURR: Toluene-d8	*49.2*		*"*	*50.0*		*98.4*	*85-120*				
Surrogate: SURR: p-Bromofluorobenzene	*48.9*		*"*	*50.0*		*97.8*	*76-130*				
Blank (BG01018-BLK2)									Prepared & Analyzed: 07/21/2020		
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	"								

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BG01018 - EPA 5035A											
Blank (BG01018-BLK2)											
Prepared & Analyzed: 07/21/2020											
Bromochloromethane	ND	500	ug/kg wet								
Bromodichloromethane	ND	500	"								
Bromoform	ND	500	"								
Bromomethane	ND	500	"								
Carbon disulfide	580	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	"								
n-Butylbenzene	ND	500	"								
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	*52.0*		*ug/L*	*50.0*		*104*	*77-125*				
Surrogate: SURR: Toluene-d8	*48.8*		*"*	*50.0*		*97.7*	*85-120*				
Surrogate: SURR: p-Bromofluorobenzene	*48.6*		*"*	*50.0*		*97.2*	*76-130*				

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BG01018 - EPA 5035A											
LCS (BG01018-BS1)							Prepared & Analyzed: 07/21/2020				
1,1,1,2-Tetrachloroethane	51		ug/L	50.0		103	75-129				
1,1,1-Trichloroethane	55		"	50.0		109	71-137				
1,1,2,2-Tetrachloroethane	49		"	50.0		98.1	79-129				
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	50		"	50.0		99.5	58-146				
1,1,2-Trichloroethane	52		"	50.0		104	83-123				
1,1-Dichloroethane	42		"	50.0		84.0	75-130				
1,1-Dichloroethylene	50		"	50.0		99.8	64-137				
1,2,3-Trichlorobenzene	49		"	50.0		98.2	81-140				
1,2,3-Trichloropropane	49		"	50.0		97.3	81-126				
1,2,4-Trichlorobenzene	51		"	50.0		102	80-141				
1,2,4-Trimethylbenzene	51		"	50.0		103	84-125				
1,2-Dibromo-3-chloropropane	46		"	50.0		91.8	74-142				
1,2-Dibromoethane	51		"	50.0		102	86-123				
1,2-Dichlorobenzene	51		"	50.0		102	85-122				
1,2-Dichloroethane	52		"	50.0		104	71-133				
1,2-Dichloropropane	53		"	50.0		106	81-122				
1,3,5-Trimethylbenzene	51		"	50.0		102	82-126				
1,3-Dichlorobenzene	50		"	50.0		99.5	84-124				
1,4-Dichlorobenzene	49		"	50.0		97.9	84-124				
1,4-Dioxane	1300		"	1050		127	10-228				
2-Butanone	54		"	50.0		109	58-147				
2-Hexanone	54		"	50.0		108	70-139				
4-Methyl-2-pentanone	59		"	50.0		117	72-132				
Acetone	38		"	50.0		75.7	36-155				
Acrolein	71		"	50.0		143	10-238				
Acrylonitrile	39		"	50.0		78.5	66-141				
Benzene	54		"	50.0		109	77-127				
Bromochloromethane	52		"	50.0		105	74-129				
Bromodichloromethane	57		"	50.0		114	81-124				
Bromoform	48		"	50.0		96.1	80-136				
Bromomethane	55		"	50.0		111	32-177				
Carbon disulfide	38		"	50.0		75.3	10-136				
Carbon tetrachloride	55		"	50.0		109	66-143				
Chlorobenzene	52		"	50.0		103	86-120				
Chloroethane	45		"	50.0		89.4	51-142				
Chloroform	53		"	50.0		106	76-131				
Chloromethane	49		"	50.0		97.1	49-132				
cis-1,2-Dichloroethylene	53		"	50.0		105	74-132				
cis-1,3-Dichloropropylene	57		"	50.0		115	81-129				
Cyclohexane	53		"	50.0		105	70-130				
Dibromochloromethane	48		"	50.0		96.8	10-200				
Dibromomethane	54		"	50.0		108	83-124				
Dichlorodifluoromethane	55		"	50.0		110	28-158				
Ethyl Benzene	52		"	50.0		105	84-125				
Hexachlorobutadiene	50		"	50.0		100	83-133				
Isopropylbenzene	51		"	50.0		101	81-127				
Methyl acetate	36		"	50.0		72.6	41-143				
Methyl tert-butyl ether (MTBE)	43		"	50.0		85.9	74-131				
Methylcyclohexane	51		"	50.0		101	70-130				
Methylene chloride	40		"	50.0		80.2	57-141				

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BG01018 - EPA 5035A											
LCS (BG01018-BS1)							Prepared & Analyzed: 07/21/2020				
n-Butylbenzene	50		ug/L	50.0		99.3	80-130				
n-Propylbenzene	50		"	50.0		100	74-136				
o-Xylene	52		"	50.0		104	83-123				
p- & m- Xylenes	110		"	100		105	82-128				
p-Isopropyltoluene	52		"	50.0		105	85-125				
sec-Butylbenzene	52		"	50.0		104	83-125				
Styrene	53		"	50.0		107	86-126				
tert-Butyl alcohol (TBA)	200		"	250		81.5	70-130				
tert-Butylbenzene	50		"	50.0		100	80-127				
Tetrachloroethylene	49		"	50.0		97.9	80-129				
Toluene	58		"	50.0		116	85-121				
trans-1,2-Dichloroethylene	45		"	50.0		89.7	72-132				
trans-1,3-Dichloropropylene	48		"	50.0		95.7	78-132				
trans-1,4-dichloro-2-butene	49		"	50.0		97.8	75-135				
Trichloroethylene	55		"	50.0		111	84-123				
Trichlorofluoromethane	53		"	50.0		105	62-140				
Vinyl Chloride	46		"	50.0		92.0	52-130				
Surrogate: SURR: 1,2-Dichloroethane-d4	*51.0*		*"*	*50.0*		*102*	*77-125*				
Surrogate: SURR: Toluene-d8	*49.3*		*"*	*50.0*		*98.6*	*85-120*				
Surrogate: SURR: p-Bromofluorobenzene	*48.4*		*"*	*50.0*		*96.8*	*76-130*				
LCS Dup (BG01018-BSD1)							Prepared & Analyzed: 07/21/2020				
1,1,1,2-Tetrachloroethane	53		ug/L	50.0		106	75-129		2.48	30	
1,1,1-Trichloroethane	57		"	50.0		114	71-137		3.82	30	
1,1,2,2-Tetrachloroethane	49		"	50.0		97.7	79-129		0.388	30	
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	56		"	50.0		112	58-146		11.5	30	
1,1,2-Trichloroethane	53		"	50.0		105	83-123		0.860	30	
1,1-Dichloroethane	44		"	50.0		87.7	75-130		4.38	30	
1,1-Dichloroethylene	56		"	50.0		112	64-137		11.6	30	
1,2,3-Trichlorobenzene	51		"	50.0		102	81-140		3.95	30	
1,2,3-Trichloropropane	50		"	50.0		99.4	81-126		2.07	30	
1,2,4-Trichlorobenzene	53		"	50.0		106	80-141		3.45	30	
1,2,4-Trimethylbenzene	51		"	50.0		103	84-125		0.0195	30	
1,2-Dibromo-3-chloropropane	46		"	50.0		92.4	74-142		0.651	30	
1,2-Dibromoethane	52		"	50.0		105	86-123		2.42	30	
1,2-Dichlorobenzene	51		"	50.0		102	85-122		0.432	30	
1,2-Dichloroethane	54		"	50.0		108	71-133		3.23	30	
1,2-Dichloropropane	53		"	50.0		107	81-122		0.506	30	
1,3,5-Trimethylbenzene	51		"	50.0		102	82-126		0.137	30	
1,3-Dichlorobenzene	50		"	50.0		99.3	84-124		0.141	30	
1,4-Dichlorobenzene	49		"	50.0		98.4	84-124		0.550	30	
1,4-Dioxane	1300		"	1050		125	10-228		1.33	30	
2-Butanone	57		"	50.0		114	58-147		4.66	30	
2-Hexanone	55		"	50.0		109	70-139		0.866	30	
4-Methyl-2-pentanone	59		"	50.0		119	72-132		1.36	30	
Acetone	39		"	50.0		78.4	36-155		3.53	30	
Acrolein	83		"	50.0		167	10-238		15.6	30	
Acrylonitrile	41		"	50.0		82.6	66-141		5.09	30	
Benzene	54		"	50.0		109	77-127		0.404	30	
Bromochloromethane	53		"	50.0		107	74-129		1.93	30	

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BG01018 - EPA 5035A											
LCS Dup (BG01018-BSD1)								Prepared & Analyzed: 07/21/2020			
Bromodichloromethane	58		ug/L	50.0		116	81-124		2.47	30	
Bromoform	50		"	50.0		101	80-136		4.50	30	
Bromomethane	58		"	50.0		116	32-177		4.90	30	
Carbon disulfide	39		"	50.0		77.3	10-136		2.73	30	
Carbon tetrachloride	56		"	50.0		112	66-143		2.76	30	
Chlorobenzene	52		"	50.0		104	86-120		0.368	30	
Chloroethane	50		"	50.0		99.6	51-142		10.9	30	
Chloroform	55		"	50.0		110	76-131		3.23	30	
Chloromethane	54		"	50.0		109	49-132		11.4	30	
cis-1,2-Dichloroethylene	55		"	50.0		109	74-132		3.81	30	
cis-1,3-Dichloropropylene	58		"	50.0		116	81-129		0.834	30	
Cyclohexane	53		"	50.0		106	70-130		1.08	30	
Dibromochloromethane	50		"	50.0		100	10-200		3.45	30	
Dibromomethane	55		"	50.0		110	83-124		1.65	30	
Dichlorodifluoromethane	61		"	50.0		122	28-158		10.4	30	
Ethyl Benzene	53		"	50.0		105	84-125		0.304	30	
Hexachlorobutadiene	52		"	50.0		104	83-133		3.26	30	
Isopropylbenzene	50		"	50.0		100	81-127		0.854	30	
Methyl acetate	38		"	50.0		75.2	41-143		3.52	30	
Methyl tert-butyl ether (MTBE)	46		"	50.0		91.9	74-131		6.70	30	
Methylcyclohexane	50		"	50.0		101	70-130		0.536	30	
Methylene chloride	42		"	50.0		83.7	57-141		4.20	30	
n-Butylbenzene	43		"	50.0		85.7	80-130		14.6	30	
n-Propylbenzene	50		"	50.0		99.6	74-136		0.860	30	
o-Xylene	53		"	50.0		106	83-123		1.35	30	
p- & m- Xylenes	110		"	100		106	82-128		0.369	30	
p-Isopropyltoluene	52		"	50.0		104	85-125		0.0765	30	
sec-Butylbenzene	52		"	50.0		104	83-125		0.0579	30	
Styrene	54		"	50.0		107	86-126		0.543	30	
tert-Butyl alcohol (TBA)	220		"	250		86.5	70-130		6.05	30	
tert-Butylbenzene	50		"	50.0		100	80-127		0.120	30	
Tetrachloroethylene	49		"	50.0		98.9	80-129		1.06	30	
Toluene	58		"	50.0		117	85-121		0.223	30	
trans-1,2-Dichloroethylene	47		"	50.0		93.4	72-132		4.02	30	
trans-1,3-Dichloropropylene	49		"	50.0		97.1	78-132		1.41	30	
trans-1,4-dichloro-2-butene	48		"	50.0		96.9	75-135		0.863	30	
Trichloroethylene	56		"	50.0		111	84-123		0.649	30	
Trichlorofluoromethane	58		"	50.0		115	62-140		9.17	30	
Vinyl Chloride	51		"	50.0		102	52-130		10.3	30	
Surrogate: SURR: 1,2-Dichloroethane-d4	*51.9*		*"*	*50.0*		*104*	*77-125*				
Surrogate: SURR: Toluene-d8	*49.2*		*"*	*50.0*		*98.3*	*85-120*				
Surrogate: SURR: p-Bromofluorobenzene	*48.4*		*"*	*50.0*		*96.9*	*76-130*				

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BG01088 - EPA 5030B											
Blank (BG01088-BLK1)											Prepared & Analyzed: 07/22/2020
1,1,1,2-Tetrachloroethane	ND	0.50	ug/L								
1,1,1-Trichloroethane	ND	0.50	"								
1,1,2,2-Tetrachloroethane	ND	0.50	"								
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	0.50	"								
1,1,2-Trichloroethane	ND	0.50	"								
1,1-Dichloroethane	ND	0.50	"								
1,1-Dichloroethylene	ND	0.50	"								
1,2,3-Trichlorobenzene	ND	0.50	"								
1,2,3-Trichloropropane	ND	0.50	"								
1,2,4-Trichlorobenzene	ND	0.50	"								
1,2,4-Trimethylbenzene	ND	0.50	"								
1,2-Dibromo-3-chloropropane	ND	0.50	"								
1,2-Dibromoethane	ND	0.50	"								
1,2-Dichlorobenzene	ND	0.50	"								
1,2-Dichloroethane	ND	0.50	"								
1,2-Dichloropropane	ND	0.50	"								
1,3,5-Trimethylbenzene	ND	0.50	"								
1,3-Dichlorobenzene	ND	0.50	"								
1,4-Dichlorobenzene	ND	0.50	"								
1,4-Dioxane	ND	40	"								
2-Butanone	ND	0.50	"								
2-Hexanone	ND	0.50	"								
4-Methyl-2-pentanone	ND	0.50	"								
Acetone	ND	2.0	"								
Acrolein	ND	0.50	"								
Acrylonitrile	ND	0.50	"								
Benzene	ND	0.50	"								
Bromochloromethane	ND	0.50	"								
Bromodichloromethane	ND	0.50	"								
Bromoform	ND	0.50	"								
Bromomethane	ND	0.50	"								
Carbon disulfide	ND	0.50	"								
Carbon tetrachloride	ND	0.50	"								
Chlorobenzene	ND	0.50	"								
Chloroethane	ND	0.50	"								
Chloroform	ND	0.50	"								
Chloromethane	ND	0.50	"								
cis-1,2-Dichloroethylene	ND	0.50	"								
cis-1,3-Dichloropropylene	ND	0.50	"								
Cyclohexane	ND	0.50	"								
Dibromochloromethane	ND	0.50	"								
Dibromomethane	ND	0.50	"								
Dichlorodifluoromethane	ND	0.50	"								
Ethyl Benzene	ND	0.50	"								
Hexachlorobutadiene	ND	0.50	"								
Isopropylbenzene	ND	0.50	"								
Methyl acetate	ND	0.50	"								
Methyl tert-butyl ether (MTBE)	ND	0.50	"								
Methylcyclohexane	ND	0.50	"								
Methylene chloride	ND	2.0	"								

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BG01088 - EPA 5030B											
Blank (BG01088-BLK1)								Prepared & Analyzed: 07/22/2020			
n-Butylbenzene	ND	0.50	ug/L								
n-Propylbenzene	ND	0.50	"								
o-Xylene	ND	0.50	"								
p- & m- Xylenes	ND	1.0	"								
p-Isopropyltoluene	ND	0.50	"								
sec-Butylbenzene	ND	0.50	"								
Styrene	ND	0.50	"								
tert-Butyl alcohol (TBA)	ND	1.0	"								
tert-Butylbenzene	ND	0.50	"								
Tetrachloroethylene	ND	0.50	"								
Toluene	ND	0.50	"								
trans-1,2-Dichloroethylene	ND	0.50	"								
trans-1,3-Dichloropropylene	ND	0.50	"								
trans-1,4-dichloro-2-butene	ND	0.50	"								
Trichloroethylene	ND	0.50	"								
Trichlorofluoromethane	ND	0.50	"								
Vinyl Chloride	ND	0.50	"								
Xylenes, Total	ND	1.5	"								
Surrogate: SURR: 1,2-Dichloroethane-d4	*10.9*		*"*	*10.0*		*109*	*69-130*				
Surrogate: SURR: Toluene-d8	*10.8*		*"*	*10.0*		*108*	*81-117*				
Surrogate: SURR: p-Bromofluorobenzene	*11.8*		*"*	*10.0*		*118*	*79-122*				
LCS (BG01088-BS1)								Prepared & Analyzed: 07/22/2020			
1,1,1,2-Tetrachloroethane	9.9		ug/L	10.0		99.3	82-126				
1,1,1-Trichloroethane	10		"	10.0		104	78-136				
1,1,2,2-Tetrachloroethane	11		"	10.0		112	76-129				
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	11		"	10.0		105	54-165				
1,1,2-Trichloroethane	9.3		"	10.0		93.1	82-123				
1,1-Dichloroethane	9.2		"	10.0		91.7	82-129				
1,1-Dichloroethylene	11		"	10.0		112	68-138				
1,2,3-Trichlorobenzene	7.2		"	10.0		72.1	76-136	Low Bias			
1,2,3-Trichloropropane	11		"	10.0		110	77-128				
1,2,4-Trichlorobenzene	7.9		"	10.0		79.3	76-137				
1,2,4-Trimethylbenzene	11		"	10.0		112	82-132				
1,2-Dibromo-3-chloropropane	10		"	10.0		103	45-147				
1,2-Dibromoethane	9.5		"	10.0		95.4	83-124				
1,2-Dichlorobenzene	10		"	10.0		100	79-123				
1,2-Dichloroethane	9.2		"	10.0		92.4	73-132				
1,2-Dichloropropane	10		"	10.0		103	78-126				
1,3,5-Trimethylbenzene	12		"	10.0		116	80-131				
1,3-Dichlorobenzene	10		"	10.0		102	86-122				
1,4-Dichlorobenzene	10		"	10.0		102	85-124				
1,4-Dioxane	270		"	210		128	10-349				
2-Butanone	9.5		"	10.0		95.4	49-152				
2-Hexanone	10		"	10.0		101	51-146				
4-Methyl-2-pentanone	7.6		"	10.0		75.6	57-145				
Acetone	6.3		"	10.0		63.2	14-150				
Acrolein	9.0		"	10.0		90.5	10-153				
Acrylonitrile	9.2		"	10.0		92.2	51-150				
Benzene	9.0		"	10.0		90.1	85-126				

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BG01088 - EPA 5030B											
LCS (BG01088-BS1)								Prepared & Analyzed: 07/22/2020			
Bromochloromethane	9.1		ug/L	10.0		90.7	77-128				
Bromodichloromethane	11		"	10.0		107	79-128				
Bromoform	7.6		"	10.0		76.0	78-133	Low Bias			
Bromomethane	8.9		"	10.0		89.1	43-168				
Carbon disulfide	9.5		"	10.0		95.4	68-146				
Carbon tetrachloride	10		"	10.0		102	77-141				
Chlorobenzene	9.8		"	10.0		98.1	88-120				
Chloroethane	11		"	10.0		105	65-136				
Chloroform	9.2		"	10.0		91.8	82-128				
Chloromethane	13		"	10.0		130	43-155				
cis-1,2-Dichloroethylene	9.5		"	10.0		94.7	83-129				
cis-1,3-Dichloropropylene	10		"	10.0		103	80-131				
Cyclohexane	11		"	10.0		114	63-149				
Dibromochloromethane	9.9		"	10.0		99.0	80-130				
Dibromomethane	10		"	10.0		101	72-134				
Dichlorodifluoromethane	20		"	10.0		196	44-144	High Bias			
Ethyl Benzene	10		"	10.0		104	80-131				
Hexachlorobutadiene	7.5		"	10.0		75.2	67-146				
Isopropylbenzene	13		"	10.0		127	76-140				
Methyl acetate	7.8		"	10.0		78.0	51-139				
Methyl tert-butyl ether (MTBE)	8.7		"	10.0		86.8	76-135				
Methylcyclohexane	12		"	10.0		117	72-143				
Methylene chloride	9.6		"	10.0		95.6	55-137				
n-Butylbenzene	14		"	10.0		144	79-132	High Bias			
n-Propylbenzene	12		"	10.0		123	78-133				
o-Xylene	9.3		"	10.0		93.1	78-130				
p- & m- Xylenes	20		"	20.0		100	77-133				
p-Isopropyltoluene	12		"	10.0		116	81-136				
sec-Butylbenzene	13		"	10.0		128	79-137				
Styrene	9.3		"	10.0		92.9	67-132				
tert-Butyl alcohol (TBA)	58		"	50.0		116	25-162				
tert-Butylbenzene	11		"	10.0		109	77-138				
Tetrachloroethylene	10		"	10.0		101	82-131				
Toluene	10		"	10.0		104	80-127				
trans-1,2-Dichloroethylene	10		"	10.0		104	80-132				
trans-1,3-Dichloropropylene	9.7		"	10.0		97.2	78-131				
trans-1,4-dichloro-2-butene	11		"	10.0		107	63-141				
Trichloroethylene	12		"	10.0		115	82-128				
Trichlorofluoromethane	12		"	10.0		116	67-139				
Vinyl Chloride	12		"	10.0		118	58-145				
Surrogate: SURR: 1,2-Dichloroethane-d4	*10.3*		*"*	*10.0*		*103*	*69-130*				
Surrogate: SURR: Toluene-d8	*11.1*		*"*	*10.0*		*111*	*81-117*				
Surrogate: SURR: p-Bromofluorobenzene	*11.4*		*"*	*10.0*		*114*	*79-122*				

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BG01088 - EPA 5030B											
LCS Dup (BG01088-BSD1)							Prepared & Analyzed: 07/22/2020				
1,1,1,2-Tetrachloroethane	10		ug/L	10.0		102	82-126		2.98	30	
1,1,1-Trichloroethane	11		"	10.0		108	78-136		4.16	30	
1,1,2,2-Tetrachloroethane	10		"	10.0		102	76-129		9.39	30	
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	11		"	10.0		108	54-165		2.63	30	
1,1,2-Trichloroethane	9.9		"	10.0		98.9	82-123		6.04	30	
1,1-Dichloroethane	9.8		"	10.0		98.0	82-129		6.64	30	
1,1-Dichloroethylene	12		"	10.0		115	68-138		3.35	30	
1,2,3-Trichlorobenzene	9.0		"	10.0		90.1	76-136		22.2	30	
1,2,3-Trichloropropane	11		"	10.0		107	77-128		3.04	30	
1,2,4-Trichlorobenzene	9.1		"	10.0		91.2	76-137		14.0	30	
1,2,4-Trimethylbenzene	11		"	10.0		110	82-132		1.71	30	
1,2-Dibromo-3-chloropropane	12		"	10.0		120	45-147		15.9	30	
1,2-Dibromoethane	9.7		"	10.0		97.3	83-124		1.97	30	
1,2-Dichlorobenzene	10		"	10.0		101	79-123		0.991	30	
1,2-Dichloroethane	9.7		"	10.0		96.6	73-132		4.44	30	
1,2-Dichloropropane	10		"	10.0		105	78-126		1.93	30	
1,3,5-Trimethylbenzene	11		"	10.0		111	80-131		4.85	30	
1,3-Dichlorobenzene	10		"	10.0		101	86-122		1.58	30	
1,4-Dichlorobenzene	10		"	10.0		102	85-124		0.00	30	
1,4-Dioxane	340		"	210		164	10-349		24.8	30	
2-Butanone	4.7		"	10.0		47.1	49-152	Low Bias	67.8	30	Non-dir.
2-Hexanone	10		"	10.0		104	51-146		3.03	30	
4-Methyl-2-pentanone	8.1		"	10.0		81.4	57-145		7.39	30	
Acetone	7.3		"	10.0		72.9	14-150		14.3	30	
Acrolein	11		"	10.0		113	10-153		21.9	30	
Acrylonitrile	10		"	10.0		104	51-150		11.6	30	
Benzene	9.3		"	10.0		93.1	85-126		3.28	30	
Bromochloromethane	9.9		"	10.0		98.6	77-128		8.35	30	
Bromodichloromethane	11		"	10.0		114	79-128		5.97	30	
Bromoform	8.2		"	10.0		82.2	78-133		7.84	30	
Bromomethane	12		"	10.0		119	43-168		28.4	30	
Carbon disulfide	10		"	10.0		101	68-146		5.60	30	
Carbon tetrachloride	11		"	10.0		106	77-141		4.52	30	
Chlorobenzene	9.9		"	10.0		99.2	88-120		1.12	30	
Chloroethane	11		"	10.0		111	65-136		5.55	30	
Chloroform	9.7		"	10.0		97.1	82-128		5.61	30	
Chloromethane	14		"	10.0		141	43-155		8.35	30	
cis-1,2-Dichloroethylene	10		"	10.0		99.7	83-129		5.14	30	
cis-1,3-Dichloropropylene	11		"	10.0		108	80-131		4.56	30	
Cyclohexane	12		"	10.0		120	63-149		4.61	30	
Dibromochloromethane	10		"	10.0		103	80-130		4.35	30	
Dibromomethane	10		"	10.0		104	72-134		2.64	30	
Dichlorodifluoromethane	20		"	10.0		199	44-144	High Bias	1.22	30	
Ethyl Benzene	11		"	10.0		106	80-131		1.72	30	
Hexachlorobutadiene	9.1		"	10.0		91.1	67-146		19.1	30	
Isopropylbenzene	11		"	10.0		114	76-140		10.2	30	
Methyl acetate	8.5		"	10.0		85.0	51-139		8.59	30	
Methyl tert-butyl ether (MTBE)	9.2		"	10.0		92.1	76-135		5.93	30	
Methylcyclohexane	12		"	10.0		118	72-143		1.11	30	
Methylene chloride	11		"	10.0		108	55-137		11.9	30	

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BG01088 - EPA 5030B											
LCS Dup (BG01088-BSD1)								Prepared & Analyzed: 07/22/2020			
n-Butylbenzene	15		ug/L	10.0		147	79-132	High Bias	2.20	30	
n-Propylbenzene	11		"	10.0		114	78-133		8.01	30	
o-Xylene	9.7		"	10.0		97.0	78-130		4.10	30	
p- & m- Xylenes	20		"	20.0		102	77-133		1.98	30	
p-Isopropyltoluene	11		"	10.0		115	81-136		1.13	30	
sec-Butylbenzene	12		"	10.0		124	79-137		3.09	30	
Styrene	9.7		"	10.0		97.0	67-132		4.32	30	
tert-Butyl alcohol (TBA)	77		"	50.0		154	25-162		28.1	30	
tert-Butylbenzene	10		"	10.0		103	77-138		5.75	30	
Tetrachloroethylene	10		"	10.0		102	82-131		1.18	30	
Toluene	10		"	10.0		104	80-127		0.384	30	
trans-1,2-Dichloroethylene	11		"	10.0		108	80-132		4.24	30	
trans-1,3-Dichloropropylene	10		"	10.0		104	78-131		6.28	30	
trans-1,4-dichloro-2-butene	14		"	10.0		136	63-141		24.3	30	
Trichloroethylene	12		"	10.0		117	82-128		1.12	30	
Trichlorofluoromethane	12		"	10.0		122	67-139		5.38	30	
Vinyl Chloride	13		"	10.0		127	58-145		7.02	30	
Surrogate: SURR: 1,2-Dichloroethane-d4	*11.2*		*"*	*10.0*		*112*	*69-130*				
Surrogate: SURR: Toluene-d8	*10.6*		*"*	*10.0*		*106*	*81-117*				
Surrogate: SURR: p-Bromofluorobenzene	*10.5*		*"*	*10.0*		*105*	*79-122*				
Batch BG01181 - EPA 5030B											
Blank (BG01181-BLK1)								Prepared & Analyzed: 07/23/2020			
1,1,1,2-Tetrachloroethane	ND	0.50	ug/L								
1,1,1-Trichloroethane	ND	0.50	"								
1,1,2,2-Tetrachloroethane	ND	0.50	"								
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	0.50	"								
1,1,2-Trichloroethane	ND	0.50	"								
1,1-Dichloroethane	ND	0.50	"								
1,1-Dichloroethylene	ND	0.50	"								
1,2,3-Trichlorobenzene	ND	0.50	"								
1,2,3-Trichloropropane	ND	0.50	"								
1,2,4-Trichlorobenzene	ND	0.50	"								
1,2,4-Trimethylbenzene	ND	0.50	"								
1,2-Dibromo-3-chloropropane	ND	0.50	"								
1,2-Dibromoethane	ND	0.50	"								
1,2-Dichlorobenzene	ND	0.50	"								
1,2-Dichloroethane	ND	0.50	"								
1,2-Dichloropropane	ND	0.50	"								
1,3,5-Trimethylbenzene	ND	0.50	"								
1,3-Dichlorobenzene	ND	0.50	"								
1,4-Dichlorobenzene	ND	0.50	"								
1,4-Dioxane	ND	40	"								
2-Butanone	ND	0.50	"								
2-Hexanone	ND	0.50	"								
4-Methyl-2-pentanone	ND	0.50	"								
Acetone	ND	2.0	"								
Acrolein	ND	0.50	"								
Acrylonitrile	ND	0.50	"								
Benzene	ND	0.50	"								

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BG01181 - EPA 5030B											
Blank (BG01181-BLK1)											
Prepared & Analyzed: 07/23/2020											
Bromochloromethane	ND	0.50	ug/L								
Bromodichloromethane	ND	0.50	"								
Bromoform	ND	0.50	"								
Bromomethane	ND	0.50	"								
Carbon disulfide	ND	0.50	"								
Carbon tetrachloride	ND	0.50	"								
Chlorobenzene	ND	0.50	"								
Chloroethane	ND	0.50	"								
Chloroform	ND	0.50	"								
Chloromethane	ND	0.50	"								
cis-1,2-Dichloroethylene	ND	0.50	"								
cis-1,3-Dichloropropylene	ND	0.50	"								
Cyclohexane	ND	0.50	"								
Dibromochloromethane	ND	0.50	"								
Dibromomethane	ND	0.50	"								
Dichlorodifluoromethane	ND	0.50	"								
Ethyl Benzene	ND	0.50	"								
Hexachlorobutadiene	ND	0.50	"								
Isopropylbenzene	ND	0.50	"								
Methyl acetate	ND	0.50	"								
Methyl tert-butyl ether (MTBE)	ND	0.50	"								
Methylcyclohexane	ND	0.50	"								
Methylene chloride	1.1	2.0	"								
n-Butylbenzene	ND	0.50	"								
n-Propylbenzene	ND	0.50	"								
o-Xylene	ND	0.50	"								
p- & m- Xylenes	ND	1.0	"								
p-Isopropyltoluene	ND	0.50	"								
sec-Butylbenzene	ND	0.50	"								
Styrene	ND	0.50	"								
tert-Butyl alcohol (TBA)	ND	1.0	"								
tert-Butylbenzene	ND	0.50	"								
Tetrachloroethylene	ND	0.50	"								
Toluene	ND	0.50	"								
trans-1,2-Dichloroethylene	ND	0.50	"								
trans-1,3-Dichloropropylene	ND	0.50	"								
trans-1,4-dichloro-2-butene	ND	0.50	"								
Trichloroethylene	ND	0.50	"								
Trichlorofluoromethane	ND	0.50	"								
Vinyl Chloride	ND	0.50	"								
Xylenes, Total	ND	1.5	"								
Surrogate: SURR: 1,2-Dichloroethane-d4	*11.2*		*"*	*10.0*		*112*	*69-130*				
Surrogate: SURR: Toluene-d8	*10.6*		*"*	*10.0*		*106*	*81-117*				
Surrogate: SURR: p-Bromofluorobenzene	*10.9*		*"*	*10.0*		*109*	*79-122*				

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BG01181 - EPA 5030B											
LCS (BG01181-BS1)								Prepared & Analyzed: 07/23/2020			
1,1,1,2-Tetrachloroethane	10		ug/L	10.0		101	82-126				
1,1,1-Trichloroethane	10		"	10.0		103	78-136				
1,1,2,2-Tetrachloroethane	10		"	10.0		105	76-129				
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	11		"	10.0		108	54-165				
1,1,2-Trichloroethane	10		"	10.0		104	82-123				
1,1-Dichloroethane	9.3		"	10.0		93.1	82-129				
1,1-Dichloroethylene	12		"	10.0		115	68-138				
1,2,3-Trichlorobenzene	10		"	10.0		101	76-136				
1,2,3-Trichloropropane	11		"	10.0		109	77-128				
1,2,4-Trichlorobenzene	10		"	10.0		100	76-137				
1,2,4-Trimethylbenzene	9.6		"	10.0		96.0	82-132				
1,2-Dibromo-3-chloropropane	11		"	10.0		110	45-147				
1,2-Dibromoethane	11		"	10.0		109	83-124				
1,2-Dichlorobenzene	9.6		"	10.0		96.0	79-123				
1,2-Dichloroethane	10		"	10.0		102	73-132				
1,2-Dichloropropane	10		"	10.0		102	78-126				
1,3,5-Trimethylbenzene	9.5		"	10.0		95.4	80-131				
1,3-Dichlorobenzene	9.2		"	10.0		92.2	86-122				
1,4-Dichlorobenzene	9.3		"	10.0		93.3	85-124				
1,4-Dioxane	11		"	210		5.00	10-349	Low Bias			
2-Butanone	11		"	10.0		115	49-152				
2-Hexanone	12		"	10.0		119	51-146				
4-Methyl-2-pentanone	9.0		"	10.0		90.2	57-145				
Acetone	9.1		"	10.0		91.2	14-150				
Acrolein	11		"	10.0		110	10-153				
Acrylonitrile	11		"	10.0		110	51-150				
Benzene	9.1		"	10.0		90.7	85-126				
Bromochloromethane	10		"	10.0		104	77-128				
Bromodichloromethane	11		"	10.0		112	79-128				
Bromoform	8.8		"	10.0		88.4	78-133				
Bromomethane	8.4		"	10.0		83.8	43-168				
Carbon disulfide	9.9		"	10.0		99.1	68-146				
Carbon tetrachloride	10		"	10.0		103	77-141				
Chlorobenzene	9.5		"	10.0		94.6	88-120				
Chloroethane	11		"	10.0		109	65-136				
Chloroform	9.6		"	10.0		96.1	82-128				
Chloromethane	14		"	10.0		142	43-155				
cis-1,2-Dichloroethylene	9.7		"	10.0		96.6	83-129				
cis-1,3-Dichloropropylene	11		"	10.0		106	80-131				
Cyclohexane	12		"	10.0		117	63-149				
Dibromochloromethane	11		"	10.0		111	80-130				
Dibromomethane	11		"	10.0		109	72-134				
Dichlorodifluoromethane	23		"	10.0		230	44-144	High Bias			
Ethyl Benzene	9.7		"	10.0		97.2	80-131				
Hexachlorobutadiene	10		"	10.0		100	67-146				
Isopropylbenzene	9.6		"	10.0		95.9	76-140				
Methyl acetate	9.6		"	10.0		95.5	51-139				
Methyl tert-butyl ether (MTBE)	11		"	10.0		106	76-135				
Methylcyclohexane	11		"	10.0		108	72-143				
Methylene chloride	11		"	10.0		114	55-137				

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BG01181 - EPA 5030B											
LCS (BG01181-BS1)							Prepared & Analyzed: 07/23/2020				
n-Butylbenzene	13		ug/L	10.0		132	79-132				
n-Propylbenzene	9.6		"	10.0		95.6	78-133				
o-Xylene	9.2		"	10.0		91.6	78-130				
p- & m- Xylenes	19		"	20.0		94.0	77-133				
p-Isopropyltoluene	10		"	10.0		101	81-136				
sec-Butylbenzene	11		"	10.0		109	79-137				
Styrene	9.5		"	10.0		94.8	67-132				
tert-Butyl alcohol (TBA)	81		"	50.0		162	25-162				
tert-Butylbenzene	8.7		"	10.0		87.3	77-138				
Tetrachloroethylene	9.4		"	10.0		93.5	82-131				
Toluene	9.9		"	10.0		98.6	80-127				
trans-1,2-Dichloroethylene	11		"	10.0		107	80-132				
trans-1,3-Dichloropropylene	11		"	10.0		107	78-131				
trans-1,4-dichloro-2-butene	10		"	10.0		104	63-141				
Trichloroethylene	11		"	10.0		107	82-128				
Trichlorofluoromethane	12		"	10.0		120	67-139				
Vinyl Chloride	13		"	10.0		134	58-145				
Surrogate: SURR: 1,2-Dichloroethane-d4	*11.9*		*"*	*10.0*		*119*	*69-130*				
Surrogate: SURR: Toluene-d8	*10.4*		*"*	*10.0*		*104*	*81-117*				
Surrogate: SURR: p-Bromofluorobenzene	*9.87*		*"*	*10.0*		*98.7*	*79-122*				
LCS Dup (BG01181-BSD1)							Prepared & Analyzed: 07/23/2020				
1,1,1,2-Tetrachloroethane	10		ug/L	10.0		101	82-126		0.198	30	
1,1,1-Trichloroethane	10		"	10.0		103	78-136		0.388	30	
1,1,2,2-Tetrachloroethane	11		"	10.0		106	76-129		0.570	30	
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	11		"	10.0		110	54-165		2.02	30	
1,1,2-Trichloroethane	11		"	10.0		105	82-123		0.955	30	
1,1-Dichloroethane	9.7		"	10.0		96.7	82-129		3.79	30	
1,1-Dichloroethylene	12		"	10.0		116	68-138		1.04	30	
1,2,3-Trichlorobenzene	10		"	10.0		103	76-136		2.45	30	
1,2,3-Trichloropropane	11		"	10.0		108	77-128		0.737	30	
1,2,4-Trichlorobenzene	10		"	10.0		101	76-137		0.893	30	
1,2,4-Trimethylbenzene	9.6		"	10.0		96.3	82-132		0.312	30	
1,2-Dibromo-3-chloropropane	12		"	10.0		122	45-147		10.5	30	
1,2-Dibromoethane	11		"	10.0		112	83-124		1.90	30	
1,2-Dichlorobenzene	9.8		"	10.0		98.1	79-123		2.16	30	
1,2-Dichloroethane	11		"	10.0		105	73-132		2.50	30	
1,2-Dichloropropane	10		"	10.0		104	78-126		2.43	30	
1,3,5-Trimethylbenzene	9.6		"	10.0		96.3	80-131		0.939	30	
1,3-Dichlorobenzene	9.2		"	10.0		92.4	86-122		0.217	30	
1,4-Dichlorobenzene	9.4		"	10.0		94.2	85-124		0.960	30	
1,4-Dioxane	11		"	210		5.10	10-349	Low Bias	1.89	30	
2-Butanone	11		"	10.0		110	49-152		3.73	30	
2-Hexanone	12		"	10.0		123	51-146		3.56	30	
4-Methyl-2-pentanone	9.3		"	10.0		92.7	57-145		2.73	30	
Acetone	9.4		"	10.0		93.5	14-150		2.49	30	
Acrolein	13		"	10.0		134	10-153		19.8	30	
Acrylonitrile	10		"	10.0		104	51-150		5.60	30	
Benzene	9.2		"	10.0		91.8	85-126		1.21	30	
Bromochloromethane	11		"	10.0		108	77-128		3.41	30	

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BG01181 - EPA 5030B											
LCS Dup (BG01181-BSD1)								Prepared & Analyzed: 07/23/2020			
Bromodichloromethane	11		ug/L	10.0		112	79-128		0.0889	30	
Bromoform	9.2		"	10.0		92.5	78-133		4.53	30	
Bromomethane	9.4		"	10.0		94.0	43-168		11.5	30	
Carbon disulfide	10		"	10.0		101	68-146		1.60	30	
Carbon tetrachloride	10		"	10.0		103	77-141		0.00	30	
Chlorobenzene	9.8		"	10.0		97.5	88-120		3.02	30	
Chloroethane	12		"	10.0		116	65-136		6.14	30	
Chloroform	9.6		"	10.0		96.4	82-128		0.312	30	
Chloromethane	15		"	10.0		150	43-155		5.47	30	
cis-1,2-Dichloroethylene	9.8		"	10.0		98.5	83-129		1.95	30	
cis-1,3-Dichloropropylene	11		"	10.0		109	80-131		2.14	30	
Cyclohexane	12		"	10.0		117	63-149		0.513	30	
Dibromochloromethane	11		"	10.0		114	80-130		3.20	30	
Dibromomethane	12		"	10.0		116	72-134		6.15	30	
Dichlorodifluoromethane	23		"	10.0		227	44-144	High Bias	1.01	30	
Ethyl Benzene	9.9		"	10.0		98.6	80-131		1.43	30	
Hexachlorobutadiene	9.8		"	10.0		98.3	67-146		1.91	30	
Isopropylbenzene	9.7		"	10.0		97.4	76-140		1.55	30	
Methyl acetate	9.6		"	10.0		95.8	51-139		0.314	30	
Methyl tert-butyl ether (MTBE)	11		"	10.0		111	76-135		4.15	30	
Methylcyclohexane	11		"	10.0		110	72-143		1.65	30	
Methylene chloride	11		"	10.0		113	55-137		0.441	30	
n-Butylbenzene	13		"	10.0		132	79-132		0.152	30	
n-Propylbenzene	9.6		"	10.0		96.0	78-133		0.418	30	
o-Xylene	9.4		"	10.0		93.5	78-130		2.05	30	
p- & m- Xylenes	19		"	20.0		95.3	77-133		1.43	30	
p-Isopropyltoluene	10		"	10.0		102	81-136		0.887	30	
sec-Butylbenzene	11		"	10.0		108	79-137		1.02	30	
Styrene	9.5		"	10.0		95.2	67-132		0.421	30	
tert-Butyl alcohol (TBA)	91		"	50.0		181	25-162	High Bias	11.5	30	
tert-Butylbenzene	8.8		"	10.0		88.0	77-138		0.799	30	
Tetrachloroethylene	9.3		"	10.0		93.1	82-131		0.429	30	
Toluene	9.8		"	10.0		98.3	80-127		0.305	30	
trans-1,2-Dichloroethylene	11		"	10.0		107	80-132		0.561	30	
trans-1,3-Dichloropropylene	11		"	10.0		109	78-131		1.48	30	
trans-1,4-dichloro-2-butene	10		"	10.0		104	63-141		0.384	30	
Trichloroethylene	11		"	10.0		106	82-128		1.60	30	
Trichlorofluoromethane	13		"	10.0		125	67-139		4.24	30	
Vinyl Chloride	13		"	10.0		132	58-145		1.73	30	
Surrogate: SURR: 1,2-Dichloroethane-d4	*12.3*		*"*	*10.0*		*123*	*69-130*				
Surrogate: SURR: Toluene-d8	*10.4*		*"*	*10.0*		*104*	*81-117*				
Surrogate: SURR: p-Bromofluorobenzene	*9.96*		*"*	*10.0*		*99.6*	*79-122*				

Semivolatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BG01070 - EPA 3550C											
Blank (BG01070-BLK1)											
1,1-Biphenyl	ND	41.3	ug/kg wet								
1,2,4,5-Tetrachlorobenzene	ND	82.5	"								
1,2,4-Trichlorobenzene	ND	41.3	"								
1,2-Dichlorobenzene	ND	41.3	"								
1,2-Diphenylhydrazine (as Azobenzene)	ND	41.3	"								
1,3-Dichlorobenzene	ND	41.3	"								
1,4-Dichlorobenzene	ND	41.3	"								
2,3,4,6-Tetrachlorophenol	ND	82.5	"								
2,4,5-Trichlorophenol	ND	41.3	"								
2,4,6-Trichlorophenol	ND	41.3	"								
2,4-Dichlorophenol	ND	41.3	"								
2,4-Dimethylphenol	ND	41.3	"								
2,4-Dinitrophenol	ND	82.5	"								
2,4-Dinitrotoluene	ND	41.3	"								
2,6-Dinitrotoluene	ND	41.3	"								
2-Chloronaphthalene	ND	41.3	"								
2-Chlorophenol	ND	41.3	"								
2-Methylnaphthalene	ND	41.3	"								
2-Methylphenol	ND	41.3	"								
2-Nitroaniline	ND	82.5	"								
2-Nitrophenol	ND	41.3	"								
3- & 4-Methylphenols	ND	41.3	"								
3,3-Dichlorobenzidine	ND	41.3	"								
3-Nitroaniline	ND	82.5	"								
4,6-Dinitro-2-methylphenol	ND	82.5	"								
4-Bromophenyl phenyl ether	ND	41.3	"								
4-Chloro-3-methylphenol	ND	41.3	"								
4-Chloroaniline	ND	41.3	"								
4-Chlorophenyl phenyl ether	ND	41.3	"								
4-Nitroaniline	ND	82.5	"								
4-Nitrophenol	ND	82.5	"								
Acenaphthene	ND	41.3	"								
Acenaphthylene	ND	41.3	"								
Acetophenone	ND	41.3	"								
Aniline	ND	165	"								
Anthracene	ND	41.3	"								
Atrazine	ND	41.3	"								
Benzaldehyde	ND	41.3	"								
Benzidine	ND	165	"								
Benzo(a)anthracene	ND	41.3	"								
Benzo(a)pyrene	ND	41.3	"								
Benzo(b)fluoranthene	ND	41.3	"								
Benzo(g,h,i)perylene	ND	41.3	"								
Benzo(k)fluoranthene	ND	41.3	"								
Benzoic acid	ND	41.3	"								
Benzyl alcohol	ND	41.3	"								
Benzyl butyl phthalate	ND	41.3	"								
Bis(2-chloroethoxy)methane	ND	41.3	"								
Bis(2-chloroethyl)ether	ND	41.3	"								
Bis(2-chloroisopropyl)ether	ND	41.3	"								
Bis(2-ethylhexyl)phthalate	ND	41.3	"								

Prepared & Analyzed: 07/22/2020

Semivolatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BG01070 - EPA 3550C											
Blank (BG01070-BLK1)											
Caprolactam	ND	82.5	ug/kg wet								
Carbazole	ND	41.3	"								
Chrysene	ND	41.3	"								
Dibenzo(a,h)anthracene	ND	41.3	"								
Dibenzofuran	ND	41.3	"								
Diethyl phthalate	ND	41.3	"								
Dimethyl phthalate	ND	41.3	"								
Di-n-butyl phthalate	ND	41.3	"								
Di-n-octyl phthalate	ND	41.3	"								
Diphenylamine	ND	82.5	"								
Fluoranthene	ND	41.3	"								
Fluorene	ND	41.3	"								
Hexachlorobenzene	ND	41.3	"								
Hexachlorobutadiene	ND	41.3	"								
Hexachlorocyclopentadiene	ND	41.3	"								
Hexachloroethane	ND	41.3	"								
Indeno(1,2,3-cd)pyrene	ND	41.3	"								
Isophorone	ND	41.3	"								
Naphthalene	ND	41.3	"								
Nitrobenzene	ND	41.3	"								
N-Nitrosodimethylamine	ND	41.3	"								
N-nitroso-di-n-propylamine	ND	41.3	"								
N-Nitrosodiphenylamine	ND	41.3	"								
Pentachlorophenol	ND	41.3	"								
Phenanthrene	ND	41.3	"								
Phenol	ND	41.3	"								
Pyrene	ND	41.3	"								
Surrogate: SURR: 2-Fluorophenol	*923*		*"*	*1650*		*56.0*	*20-108*				
Surrogate: SURR: Phenol-d5	*957*		*"*	*1650*		*58.0*	*23-114*				
Surrogate: SURR: Nitrobenzene-d5	*608*		*"*	*825*		*73.7*	*22-108*				
Surrogate: SURR: 2-Fluorobiphenyl	*456*		*"*	*825*		*55.3*	*21-113*				
Surrogate: SURR: 2,4,6-Tribromophenol	*1210*		*"*	*1650*		*73.5*	*19-110*				
Surrogate: SURR: Terphenyl-d14	*554*		*"*	*825*		*67.1*	*24-116*				

Prepared & Analyzed: 07/22/2020

Semivolatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BG01070 - EPA 3550C											
LCS (BG01070-BS1)							Prepared & Analyzed: 07/22/2020				
1,1-Biphenyl	326	41.3	ug/kg wet	825		39.5	22-103				
1,2,4,5-Tetrachlorobenzene	366	82.5	"	949		38.6	10-144				
1,2,4-Trichlorobenzene	325	41.3	"	825		39.4	23-130				
1,2-Dichlorobenzene	293	41.3	"	825		35.5	26-113				
1,2-Diphenylhydrazine (as Azobenzene)	406	41.3	"	825		49.2	10-140				
1,3-Dichlorobenzene	283	41.3	"	825		34.2	32-113				
1,4-Dichlorobenzene	275	41.3	"	825		33.3	28-111				
2,3,4,6-Tetrachlorophenol	360	82.5	"	825		43.6	30-130				
2,4,5-Trichlorophenol	273	41.3	"	825		33.1	14-138				
2,4,6-Trichlorophenol	311	41.3	"	825		37.6	27-122				
2,4-Dichlorophenol	348	41.3	"	825		42.2	23-133				
2,4-Dimethylphenol	367	41.3	"	825		44.5	15-131				
2,4-Dinitrophenol	400	82.5	"	825		48.5	10-149				
2,4-Dinitrotoluene	383	41.3	"	825		46.4	30-123				
2,6-Dinitrotoluene	401	41.3	"	825		48.6	30-125				
2-Chloronaphthalene	295	41.3	"	825		35.8	22-115				
2-Chlorophenol	327	41.3	"	825		39.7	25-121				
2-Methylnaphthalene	357	41.3	"	825		43.3	16-127				
2-Methylphenol	287	41.3	"	825		34.8	10-146				
2-Nitroaniline	372	82.5	"	825		45.1	24-126				
2-Nitrophenol	444	41.3	"	825		53.8	17-129				
3- & 4-Methylphenols	262	41.3	"	825		31.8	20-109				
3,3-Dichlorobenzidine	316	41.3	"	825		38.3	10-147				
3-Nitroaniline	335	82.5	"	825		40.6	23-123				
4,6-Dinitro-2-methylphenol	552	82.5	"	825		66.9	10-149				
4-Bromophenyl phenyl ether	306	41.3	"	825		37.1	30-138				
4-Chloro-3-methylphenol	405	41.3	"	825		49.1	16-138				
4-Chloroaniline	250	41.3	"	825		30.4	10-117				
4-Chlorophenyl phenyl ether	302	41.3	"	825		36.6	18-132				
4-Nitroaniline	365	82.5	"	825		44.2	14-125				
4-Nitrophenol	379	82.5	"	825		46.0	10-136				
Acenaphthene	315	41.3	"	825		38.1	17-124				
Acenaphthylene	313	41.3	"	825		37.9	16-124				
Acetophenone	376	41.3	"	825		45.5	28-105				
Aniline	290	165	"	825		35.1	10-111				
Anthracene	328	41.3	"	825		39.8	24-124				
Atrazine	399	41.3	"	825		48.4	22-120				
Benzaldehyde	349	41.3	"	825		42.3	21-100				
Benzo(a)anthracene	315	41.3	"	825		38.1	25-134				
Benzo(a)pyrene	311	41.3	"	825		37.6	29-144				
Benzo(b)fluoranthene	330	41.3	"	825		40.0	20-151				
Benzo(g,h,i)perylene	328	41.3	"	825		39.7	10-153				
Benzo(k)fluoranthene	323	41.3	"	825		39.1	10-148				
Benzoic acid	270	41.3	"	941		28.7	10-116				
Benzyl alcohol	360	41.3	"	825		43.6	17-128				
Benzyl butyl phthalate	309	41.3	"	825		37.5	10-132				
Bis(2-chloroethoxy)methane	328	41.3	"	825		39.7	10-129				
Bis(2-chloroethyl)ether	295	41.3	"	825		35.8	14-125				
Bis(2-chloroisopropyl)ether	342	41.3	"	825		41.5	14-122				
Bis(2-ethylhexyl)phthalate	327	41.3	"	825		39.6	10-141				
Caprolactam	425	82.5	"	825		51.5	10-123				

Semivolatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BG01070 - EPA 3550C											
LCS (BG01070-BS1)							Prepared & Analyzed: 07/22/2020				
Carbazole	315	41.3	ug/kg wet	825		38.1	31-120				
Chrysene	304	41.3	"	825		36.9	24-116				
Dibenzo(a,h)anthracene	335	41.3	"	825		40.6	17-147				
Dibenzofuran	295	41.3	"	825		35.8	23-123				
Diethyl phthalate	311	41.3	"	825		37.7	23-122				
Dimethyl phthalate	300	41.3	"	825		36.4	28-127				
Di-n-butyl phthalate	315	41.3	"	825		38.1	19-123				
Di-n-octyl phthalate	364	41.3	"	825		44.1	10-132				
Diphenylamine	437	82.5	"	825		53.0	40-140				
Fluoranthene	334	41.3	"	825		40.5	36-125				
Fluorene	319	41.3	"	825		38.7	16-130				
Hexachlorobenzene	354	41.3	"	825		42.9	10-129				
Hexachlorobutadiene	352	41.3	"	825		42.7	22-153				
Hexachlorocyclopentadiene	206	41.3	"	825		24.9	10-134				
Hexachloroethane	318	41.3	"	825		38.6	20-112				
Indeno(1,2,3-cd)pyrene	328	41.3	"	825		39.7	10-155				
Isophorone	378	41.3	"	825		45.8	14-131				
Naphthalene	348	41.3	"	825		42.2	20-121				
Nitrobenzene	387	41.3	"	825		46.9	20-121				
N-Nitrosodimethylamine	249	41.3	"	825		30.2	10-124				
N-nitroso-di-n-propylamine	328	41.3	"	825		39.8	21-119				
N-Nitrosodiphenylamine	429	41.3	"	825		52.0	10-163				
Pentachlorophenol	248	41.3	"	825		30.1	10-143				
Phenanthrene	325	41.3	"	825		39.4	24-123				
Phenol	357	41.3	"	825		43.3	15-123				
Pyrene	305	41.3	"	825		37.0	24-132				
Surrogate: SURR: 2-Fluorophenol	*635*		*"*	*1650*		*38.5*	*20-108*				
Surrogate: SURR: Phenol-d5	*690*		*"*	*1650*		*41.8*	*23-114*				
Surrogate: SURR: Nitrobenzene-d5	*452*		*"*	*825*		*54.8*	*22-108*				
Surrogate: SURR: 2-Fluorobiphenyl	*318*		*"*	*825*		*38.6*	*21-113*				
Surrogate: SURR: 2,4,6-Tribromophenol	*875*		*"*	*1650*		*53.0*	*19-110*				
Surrogate: SURR: Terphenyl-d14	*360*		*"*	*825*		*43.6*	*24-116*				

Semivolatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag

Batch BG01074 - EPA 3510C

Blank (BG01074-BLK1) Prepared & Analyzed: 07/22/2020

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
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	"								
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	"								
N-nitroso-di-n-propylamine	ND	5.00	"								

Semivolatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BG01074 - EPA 3510C											
Blank (BG01074-BLK1)											Prepared & Analyzed: 07/22/2020
N-Nitrosodiphenylamine	ND	5.00	ug/L								
Phenol	ND	5.00	"								
Surrogate: SURR: 2-Fluorophenol	*17.9*		*"*	*50.0*		*35.9*	*19.7-63.1*				
Surrogate: SURR: Phenol-d5	*11.1*		*"*	*50.0*		*22.2*	*10.1-41.7*				
Surrogate: SURR: Nitrobenzene-d5	*20.6*		*"*	*25.0*		*82.3*	*50.2-113*				
Surrogate: SURR: 2-Fluorobiphenyl	*18.4*		*"*	*25.0*		*73.6*	*39.9-105*				
Surrogate: SURR: 2,4,6-Tribromophenol	*62.2*		*"*	*50.0*		*124*	*39.3-151*				
Surrogate: SURR: Terphenyl-d14	*25.1*		*"*	*25.0*		*100*	*30.7-106*				
Blank (BG01074-BLK2)											Prepared & Analyzed: 07/22/2020
Acenaphthene	ND	0.0500	ug/L								
Acenaphthylene	0.140	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	4.59	0.0500	"								
Nitrobenzene	ND	0.250	"								
N-Nitrosodimethylamine	ND	0.500	"								
Pentachlorophenol	0.490	0.250	"								
Phenanthrene	ND	0.0500	"								
Pyrene	ND	0.0500	"								

Semivolatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BG01074 - EPA 3510C											
LCS (BG01074-BS1)							Prepared & Analyzed: 07/22/2020				
1,1-Biphenyl	18.6	5.00	ug/L	25.0		74.3	33-95				
1,2,4,5-Tetrachlorobenzene	22.6	5.00	"	25.0		90.5	26-120				
1,2,4-Trichlorobenzene	18.2	5.00	"	25.0		72.6	20-118				
1,2-Dichlorobenzene	15.8	5.00	"	25.0		63.4	29-111				
1,2-Diphenylhydrazine (as Azobenzene)	20.5	5.00	"	25.0		82.1	16-141				
1,3-Dichlorobenzene	15.2	5.00	"	25.0		60.8	23-117				
1,4-Dichlorobenzene	15.3	5.00	"	25.0		61.2	30-105				
2,3,4,6-Tetrachlorophenol	21.7	5.00	"	25.0		86.7	30-130				
2,4,5-Trichlorophenol	17.4	5.00	"	25.0		69.8	32-114				
2,4,6-Trichlorophenol	20.3	5.00	"	25.0		81.0	35-118				
2,4-Dichlorophenol	20.8	5.00	"	25.0		83.0	25-116				
2,4-Dimethylphenol	19.6	5.00	"	25.0		78.2	15-116				
2,4-Dinitrophenol	32.4	5.00	"	25.0		130	10-170				
2,4-Dinitrotoluene	21.6	5.00	"	25.0		86.3	41-128				
2,6-Dinitrotoluene	21.8	5.00	"	25.0		87.0	45-116				
2-Chloronaphthalene	17.0	5.00	"	25.0		68.0	33-112				
2-Chlorophenol	16.2	5.00	"	25.0		64.8	15-120				
2-Methylnaphthalene	21.0	5.00	"	25.0		84.2	24-118				
2-Methylphenol	12.6	5.00	"	25.0		50.4	10-110				
2-Nitroaniline	20.3	5.00	"	25.0		81.2	34-129				
2-Nitrophenol	22.1	5.00	"	25.0		88.5	28-118				
3- & 4-Methylphenols	10.2	5.00	"	25.0		40.8	10-107				
3,3-Dichlorobenzidine	19.4	5.00	"	25.0		77.4	15-187				
3-Nitroaniline	16.6	5.00	"	25.0		66.6	24-134				
4,6-Dinitro-2-methylphenol	33.2	5.00	"	25.0		133	10-153				
4-Bromophenyl phenyl ether	21.1	5.00	"	25.0		84.2	34-120				
4-Chloro-3-methylphenol	21.6	5.00	"	25.0		86.2	20-120				
4-Chloroaniline	14.2	5.00	"	25.0		56.9	10-147				
4-Chlorophenyl phenyl ether	19.0	5.00	"	25.0		75.8	27-121				
4-Nitroaniline	19.0	5.00	"	25.0		75.9	13-134				
4-Nitrophenol	8.70	5.00	"	25.0		34.8	10-131				
Acetophenone	18.7	5.00	"	25.0		74.7	25-110				
Aniline	9.82	5.00	"	25.0		39.3	10-117				
Benzaldehyde	19.2	5.00	"	25.0		76.7	29-117				
Benzoic acid	7.17	5.00	"	28.5		25.2	30-130	Low Bias			
Benzyl alcohol	13.3	5.00	"	25.0		53.0	10-117				
Benzyl butyl phthalate	19.8	5.00	"	25.0		79.4	29-133				
Bis(2-chloroethoxy)methane	19.0	5.00	"	25.0		75.8	10-154				
Bis(2-chloroethyl)ether	16.5	5.00	"	25.0		66.2	17-125				
Bis(2-chloroisopropyl)ether	19.0	5.00	"	25.0		76.2	10-139				
Caprolactam	3.63	5.00	"	25.0		14.5	10-137				
Carbazole	20.1	5.00	"	25.0		80.4	42-126				
Dibenzofuran	18.4	5.00	"	25.0		73.4	36-113				
Diethyl phthalate	18.8	5.00	"	25.0		75.3	38-115				
Dimethyl phthalate	18.7	5.00	"	25.0		74.9	38-129				
Di-n-butyl phthalate	21.2	5.00	"	25.0		84.8	31-120				
Di-n-octyl phthalate	26.2	5.00	"	25.0		105	21-149				
Hexachlorocyclopentadiene	17.5	10.0	"	25.0		69.8	10-130				
Isophorone	21.0	5.00	"	25.0		84.2	25-127				
N-nitroso-di-n-propylamine	17.8	5.00	"	25.0		71.4	26-122				
N-Nitrosodiphenylamine	25.5	5.00	"	25.0		102	23-149				

Semivolatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BG01074 - EPA 3510C											
LCS (BG01074-BS1)								Prepared & Analyzed: 07/22/2020			
Phenol	6.96	5.00	ug/L	25.0		27.8	10-110				
Surrogate: SURR: 2-Fluorophenol	*18.2*		*"*	*50.0*		*36.5*	*19.7-63.1*				
Surrogate: SURR: Phenol-d5	*11.7*		*"*	*50.0*		*23.4*	*10.1-41.7*				
Surrogate: SURR: Nitrobenzene-d5	*20.0*		*"*	*25.0*		*79.9*	*50.2-113*				
Surrogate: SURR: 2-Fluorobiphenyl	*18.0*		*"*	*25.0*		*71.8*	*39.9-105*				
Surrogate: SURR: 2,4,6-Tribromophenol	*61.3*		*"*	*50.0*		*123*	*39.3-151*				
Surrogate: SURR: Terphenyl-d14	*23.0*		*"*	*25.0*		*92.1*	*30.7-106*				
LCS (BG01074-BS2)								Prepared & Analyzed: 07/22/2020			
Acenaphthene	0.670	0.0500	ug/L	1.00		67.0	25-116				
Acenaphthylene	0.680	0.0500	"	1.00		68.0	26-116				
Anthracene	0.710	0.0500	"	1.00		71.0	25-123				
Benzo(a)anthracene	0.770	0.0500	"	1.00		77.0	33-125				
Benzo(a)pyrene	0.770	0.0500	"	1.00		77.0	32-132				
Benzo(b)fluoranthene	0.830	0.0500	"	1.00		83.0	22-137				
Benzo(g,h,i)perylene	0.820	0.0500	"	1.00		82.0	10-138				
Benzo(k)fluoranthene	0.810	0.0500	"	1.00		81.0	20-137				
Bis(2-ethylhexyl)phthalate	0.660	0.500	"	1.00		66.0	10-189				
Chrysene	0.770	0.0500	"	1.00		77.0	32-124				
Dibenzo(a,h)anthracene	0.870	0.0500	"	1.00		87.0	16-133				
Fluoranthene	0.810	0.0500	"	1.00		81.0	32-121				
Fluorene	0.720	0.0500	"	1.00		72.0	28-118				
Hexachlorobenzene	0.710	0.0200	"	1.00		71.0	23-124				
Hexachlorobutadiene	0.570	0.500	"	1.00		57.0	15-123				
Hexachloroethane	0.670	0.500	"	1.00		67.0	18-115				
Indeno(1,2,3-cd)pyrene	0.850	0.0500	"	1.00		85.0	15-135				
Naphthalene	1.84	0.0500	"	1.00		184	18-120	High Bias			
Nitrobenzene	0.860	0.250	"	1.00		86.0	21-121				
N-Nitrosodimethylamine	ND	0.500	"	1.00			10-124	Low Bias			
Pentachlorophenol	0.890	0.250	"	1.00		89.0	10-156				
Phenanthrene	0.730	0.0500	"	1.00		73.0	24-127				
Pyrene	0.750	0.0500	"	1.00		75.0	31-132				

Semivolatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BG01074 - EPA 3510C											
LCS Dup (BG01074-BSD1)								Prepared & Analyzed: 07/22/2020			
1,1-Biphenyl	18.3	5.00	ug/L	25.0		73.2	33-95		1.46	20	
1,2,4,5-Tetrachlorobenzene	21.5	5.00	"	25.0		86.1	26-120		4.98	20	
1,2,4-Trichlorobenzene	17.3	5.00	"	25.0		69.3	20-118		4.68	20	
1,2-Dichlorobenzene	15.0	5.00	"	25.0		60.0	29-111		5.38	20	
1,2-Diphenylhydrazine (as Azobenzene)	19.8	5.00	"	25.0		79.2	16-141		3.52	20	
1,3-Dichlorobenzene	14.5	5.00	"	25.0		58.0	23-117		4.65	20	
1,4-Dichlorobenzene	14.6	5.00	"	25.0		58.3	30-105		4.88	20	
2,3,4,6-Tetrachlorophenol	20.9	5.00	"	25.0		83.4	30-130		3.81	20	
2,4,5-Trichlorophenol	16.4	5.00	"	25.0		65.4	32-114		6.51	20	
2,4,6-Trichlorophenol	19.3	5.00	"	25.0		77.0	35-118		5.06	20	
2,4-Dichlorophenol	19.8	5.00	"	25.0		79.2	25-116		4.64	20	
2,4-Dimethylphenol	18.6	5.00	"	25.0		74.5	15-116		4.82	20	
2,4-Dinitrophenol	29.3	5.00	"	25.0		117	10-170		10.1	20	
2,4-Dinitrotoluene	20.6	5.00	"	25.0		82.3	41-128		4.70	20	
2,6-Dinitrotoluene	20.8	5.00	"	25.0		83.2	45-116		4.46	20	
2-Chloronaphthalene	16.2	5.00	"	25.0		64.8	33-112		4.94	20	
2-Chlorophenol	15.2	5.00	"	25.0		60.8	15-120		6.30	20	
2-Methylnaphthalene	19.6	5.00	"	25.0		78.2	24-118		7.34	20	
2-Methylphenol	12.0	5.00	"	25.0		47.8	10-110		5.13	20	
2-Nitroaniline	19.1	5.00	"	25.0		76.4	34-129		6.04	20	
2-Nitrophenol	21.3	5.00	"	25.0		85.1	28-118		3.96	20	
3- & 4-Methylphenols	9.77	5.00	"	25.0		39.1	10-107		4.40	20	
3,3-Dichlorobenzidine	19.2	5.00	"	25.0		76.8	15-187		0.726	20	
3-Nitroaniline	16.1	5.00	"	25.0		64.5	24-134		3.23	20	
4,6-Dinitro-2-methylphenol	31.2	5.00	"	25.0		125	10-153		6.30	20	
4-Bromophenyl phenyl ether	19.5	5.00	"	25.0		77.8	34-120		7.90	20	
4-Chloro-3-methylphenol	20.5	5.00	"	25.0		82.1	20-120		4.85	20	
4-Chloroaniline	14.0	5.00	"	25.0		56.1	10-147		1.42	20	
4-Chlorophenyl phenyl ether	18.1	5.00	"	25.0		72.3	27-121		4.70	20	
4-Nitroaniline	17.7	5.00	"	25.0		70.7	13-134		7.15	20	
4-Nitrophenol	8.48	5.00	"	25.0		33.9	10-131		2.56	20	
Acetophenone	18.1	5.00	"	25.0		72.5	25-110		2.99	20	
Aniline	8.28	5.00	"	25.0		33.1	10-117		17.0	20	
Benzaldehyde	18.0	5.00	"	25.0		71.9	29-117		6.46	20	
Benzoic acid	6.71	5.00	"	28.5		23.5	30-130	Low Bias	6.63	20	
Benzyl alcohol	12.8	5.00	"	25.0		51.1	10-117		3.76	20	
Benzyl butyl phthalate	19.0	5.00	"	25.0		76.0	29-133		4.27	20	
Bis(2-chloroethoxy)methane	18.0	5.00	"	25.0		72.0	10-154		5.09	20	
Bis(2-chloroethyl)ether	15.6	5.00	"	25.0		62.6	17-125		5.53	20	
Bis(2-chloroisopropyl)ether	18.0	5.00	"	25.0		72.0	10-139		5.61	20	
Caprolactam	3.63	5.00	"	25.0		14.5	10-137		0.00	20	
Carbazole	19.4	5.00	"	25.0		77.7	42-126		3.44	20	
Dibenzofuran	17.5	5.00	"	25.0		69.8	36-113		4.97	20	
Diethyl phthalate	18.0	5.00	"	25.0		72.0	38-115		4.45	20	
Dimethyl phthalate	17.9	5.00	"	25.0		71.7	38-129		4.37	20	
Di-n-butyl phthalate	20.4	5.00	"	25.0		81.5	31-120		3.90	20	
Di-n-octyl phthalate	25.2	5.00	"	25.0		101	21-149		3.70	20	
Hexachlorocyclopentadiene	16.3	10.0	"	25.0		65.0	10-130		7.12	20	
Isophorone	20.0	5.00	"	25.0		79.8	25-127		5.27	20	
N-nitroso-di-n-propylamine	16.7	5.00	"	25.0		66.9	26-122		6.48	20	
N-Nitrosodiphenylamine	24.3	5.00	"	25.0		97.1	23-149		5.10	20	

Semivolatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BG01074 - EPA 3510C											
LCS Dup (BG01074-BSD1)								Prepared & Analyzed: 07/22/2020			
Phenol	6.50	5.00	ug/L	25.0		26.0	10-110		6.84	20	
Surrogate: SURR: 2-Fluorophenol	*17.8*		*"*	*50.0*		*35.6*	*19.7-63.1*				
Surrogate: SURR: Phenol-d5	*11.4*		*"*	*50.0*		*22.8*	*10.1-41.7*				
Surrogate: SURR: Nitrobenzene-d5	*19.1*		*"*	*25.0*		*76.4*	*50.2-113*				
Surrogate: SURR: 2-Fluorobiphenyl	*17.4*		*"*	*25.0*		*69.4*	*39.9-105*				
Surrogate: SURR: 2,4,6-Tribromophenol	*58.4*		*"*	*50.0*		*117*	*39.3-151*				
Surrogate: SURR: Terphenyl-d14	*22.5*		*"*	*25.0*		*89.8*	*30.7-106*				

Metals by ICP - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BG00929 - EPA 3050B											
Blank (BG00929-BLK1)											Prepared: 07/20/2020 Analyzed: 07/21/2020
Aluminum	5.27	5.00	mg/kg wet								
Antimony	ND	2.50	"								
Arsenic	ND	1.50	"								
Barium	ND	2.50	"								
Beryllium	ND	0.050	"								
Cadmium	ND	0.300	"								
Calcium	ND	5.00	"								
Chromium	ND	0.500	"								
Cobalt	ND	0.400	"								
Copper	ND	2.00	"								
Iron	ND	25.0	"								
Lead	ND	0.500	"								
Magnesium	ND	5.00	"								
Manganese	ND	0.500	"								
Nickel	ND	1.00	"								
Potassium	ND	5.00	"								
Selenium	ND	2.50	"								
Silver	ND	0.500	"								
Sodium	ND	50.0	"								
Thallium	ND	2.50	"								
Vanadium	ND	1.00	"								
Zinc	ND	2.50	"								
Reference (BG00929-SRM1)											Prepared: 07/20/2020 Analyzed: 07/21/2020
Aluminum	9760	5.00	mg/kg wet	8460		115	50.5-150.1				
Antimony	72.5	2.50	"	120		60.4	19-251.7				
Arsenic	109	1.50	"	95.5		114	70.1-129.8				
Barium	336	2.50	"	300		112	75-125				
Beryllium	123	0.050	"	103		119	75-125.2				
Cadmium	154	0.300	"	135		114	74.8-125.2				
Calcium	5360	5.00	"	4720		114	72.7-127.5				
Chromium	168	0.500	"	147		115	70.1-129.9				
Cobalt	51.2	0.400	"	43.2		118	75-125				
Copper	185	2.00	"	150		123	75.3-125.3				
Iron	15100	25.0	"	14400		105	35.8-164.6				
Lead	101	0.500	"	92.3		110	70-130				
Magnesium	2710	5.00	"	2300		118	61.7-137.8				
Manganese	773	0.500	"	677		114	78.1-122				
Nickel	78.1	1.00	"	59.8		131	70.1-130.1	High Bias			
Potassium	2200	5.00	"	2030		108	59.1-140.9				
Selenium	24.5	2.50	"	42.0		58.4	55.7-144.5				
Silver	46.8	0.500	"	40.3		116	69.2-130.8				
Sodium	163	50.0	"	139		118	36.1-163.3				
Thallium	90.6	2.50	"	83.1		109	65.3-146.8				
Vanadium	105	1.00	"	96.9		108	67-133.1				
Zinc	418	2.50	"	369		113	69.9-130.1				

Mercury by EPA 7000/200 Series Methods - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BG00931 - EPA 7473 soil											
Blank (BG00931-BLK1)									Prepared & Analyzed: 07/20/2020		
Mercury	ND	0.0300	mg/kg wet								
Reference (BG00931-SRM1)									Prepared & Analyzed: 07/20/2020		
Mercury	3.8397		mg/kg	3.71		103	65-135				

Volatile Analysis Sample Containers

Lab ID	Client Sample ID	Volatile Sample Container
20G0641-01	B-1	40mL Vial with Stir Bar-Cool 4° C
20G0641-02	B-2	40mL Vial with Stir Bar-Cool 4° C
20G0641-03	B-3	40mL Vial with Stir Bar-Cool 4° C
20G0641-04	B-4	40mL Vial with Stir Bar-Cool 4° C
20G0641-05	B-5	40mL Vial with Stir Bar-Cool 4° C
20G0641-06	B-2 TW	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C
20G0641-07	B-3 TW	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C

Sample and Data Qualifiers Relating to This Work Order

S-08	The recovery of this surrogate was outside of QC limits.
Rep-04	The sample was diluted due to the presence of high levels of non-target analytes resulting in elevated reporting limits.
QL-02	This LCS analyte is outside Laboratory Recovery limits due the analyte behavior using the referenced method. The reference method has certain limitations with respect to analytes of this nature.
J	Detected below the Reporting Limit but greater than or equal to the Method Detection Limit (MDL/LOD) or in the case of a TIC, the result is an estimated concentration.
EXT-EM	The sample exhibited emulsion formation during the extraction process. This may affect surrogate recoveries.
EXT-D	The sample submitted contained sediment. The aqueous portion was decanted off, the volume measured and used for the extraction. The sediment was not included in the extraction.
E	The concentration indicated for this analyte is an estimated value above the calibration range of the instrument. This value is considered an estimate.
CCV-L	The value reported is estimated due to its behavior during continuing calibration verification (>20% difference for average RF or >20% drift for linear or quadratic fit.) This value may be biased low.
CCV-H	The value reported is estimated due to its behavior during continuing calibration verification (>20% difference for average RF or >20% drift for linear or quadratic fit.) This value may be biased high.
CCV-E	The value reported is ESTIMATED. The value is estimated due to its behavior during continuing calibration verification (>20% Difference for average Rf or >20% Drift for quadratic fit).
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.

YORK
ANALYTICAL LABORATORIES, INC.

120 RESEARCH DR. STRATFORD, CT 06615
(203) 325-1371 FAX (203) 357-0166

Field Chain-of-Custody Record

NOTE: York's Std. Terms & Conditions are listed on the back side of this document.
This document serves as your written authorization to York to proceed with the analyses requested and your signature binds you to York's Std. Terms & Conditions.

York Project No. 20G0641

YOUR Information	Report To:	Invoice To:
Company: HES, Inc.	Company: Same	Company: Same
Address: One Deans Bridge Road	Address:	Address:
Somers, New York 10589		
Phone No. (914) 276-2560	Phone No.	Phone No.
Contact Person:	Attention:	Attention:
E-Mail Address:	E-Mail Address:	E-Mail Address:

YOUR Project ID: 28-34 Pearl Street, Port Chester, New York

Turn-Around Time: RUSH - Same Day ☐ | RUSH - Next Day ☐ | RUSH - Two Day ☐ | RUSH - Three Day ☐ | RUSH - Four Day ☐ | Standard(5-7 Days) ☒

Samples from: CT ___ NY X NJ ___

Report Type: Summary Report X | Summary w/ QA Summary ___ | CT RCP Package ___ | CTRCP DQA/DUE Pkg ___ | NY ASP A Package ___ | NY ASP B Package ___ | NJDEP Red. Deliv. ___

Electronic Data Deliverables (EDD): Simple Excel ___ | NYSDEC EQuIS ___ | EQuIS (std) ___ | EZ-EDD (EQuIS) ___ | NJDEP SRP HazSite EDD ___ | GIS/KEY (std) ___ | Other ___

York Regulatory Comparison Excel Spreadsheet
Compare to the following Regs. (please fill in):

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/Authorized By (Signature)

Richard DeFelo
Name (printed)

Matrix Codes
S - soil
Other - specify(oil, etc.)
WW - wastewater
GW - groundwater
DW - drinking water
Air-A - ambient air
Air-SV - soil vapor

Volatiles		Semi-Vols.	Pest/PCB/Herb	Metals	Misc. Org.	Full Lists	Misc.
8260 full	TICs	8270 or 625	8082PCB	RCRA8	TPH GRO	Pri.Poll.	Corrosivity
624	Site Spec.	STARS list	8081Pest	PP13 list	TPH DRO	TCL Organics	Reactivity
STARS list	Nassau Co.	BN Only	8151Herb	TAL	CT ETPH	TAL Met/CN	Ignitability
BTEX	Suffolk Co.	Acids Only	CT RCP	CT15 list	NY 310-13	Full TCLP	Flash Point
MTBE	Ketones	PAH list	App. IX	TAGM list	TPH 1664	Full App. IX	Sieve Anal.
TCL list	Oxygenates	TAGM list	Site Spec.	NJDEP list	Air TO14A	Part 360-Routine	Heterotrophs
TAGM list	TCLP list	CT RCP list	SPLP or TCLP	Total	Air TO15	Part 360-Baseline	TOX
CT RCP list	524.2	TCL list	TCLP Pest	Dissolved	Air STARS	Part 360-Expanded No Dioxins/Furans	BTU/lb.
Arom. only	502.2	NJDEP list	TCLP Herb	SPLP or TCLP	Air VPH	Part 360-Expanded Full List	Aquatic Tox.
Halog.only	NJDEP list	App. IX	Chlordane	Indiv. Metals	Air TICs	NYCDEP Sewer	TOC
App.IX list	SPLP or TCLP	TCLP BNA	608 Pest	LIST Below	Methane	NYSDEC Sewer	Asbestos
8021B list		SPLP or TCLP	608 PCB		Helium	TAGM	Silica

Sample Identification	Date Sampled	Sample Matrix	Choose Analyses Needed from the Menu Above and Enter Below	Container Description(s)
B-1	7/16/20	S	EPA 8260 + 8270 Full list	(1) 8oz (3) VOAs
B-2				
B-3			EPA 8260 + 8270 Full, TAL Metals	
B-4			EPA 8260 + 8270 Full, TAL Metals	
B-5			EPA 8260 + 8270 Full	
B-2 TW		GW	DF	(1) Amber (3) VOAs
B-3 TW				

Comments

Preservation Check those Applicable: 4°C ___ Frozen ___ HCl ___ MeOH ___ HNO_3 ___ H_2SO_4 ___ NaOH ___ ZnAc ___ Ascorbic Acid ___ Other ___

Special Instructions
Field Filtered ☐
Lab to Filter ☐

Samples Relinquished By: [signature] 7-17-20 10:15 — Date/Time
Samples Received By: Chris C 7-17-20 10:15 — Date/Time
Samples Relinquished By: Chris C 7-17-20 1504 — Date/Time
Samples Received in LAB by: KBlocker 7/17/20 1504 — Date/Time

Temperature on Receipt: 3.6 °C

Technical Report

prepared for:

Hydro Environmental Solutions
One Deans Bridge Road
Somers NY, 10589
Attention: Bill Canavan

Report Date: 07/30/2020
Client Project ID: 28-34 Pearl Street, Port Chester, New York
York Project (SDG) No.: 20G0909

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: 07/30/2020
Client Project ID: 28-34 Pearl Street, Port Chester, New York
York Project (SDG) No.: 20G0909

Hydro Environmental Solutions
One Deans Bridge Road
Somers NY, 10589
Attention: Bill Canavan

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 July 24, 2020 and listed below. The project was identified as your project: **28-34 Pearl Street, Port Chester, New York**.

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
20G0909-01	B-6 (0-2)	Soil	07/23/2020	07/24/2020
20G0909-02	B-6 (6-8)	Soil	07/23/2020	07/24/2020
20G0909-03	B-7 (0-2)	Soil	07/23/2020	07/24/2020
20G0909-04	B-7 (7-9)	Soil	07/23/2020	07/24/2020

General Notes for York Project (SDG) No.: 20G0909

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: 07/30/2020

Benjamin Gulizia
Laboratory Director

Sample Information

Client Sample ID: B-6 (0-2) **York Sample ID:** 20G0909-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
20G0909	28-34 Pearl Street, Port Chester, New York	Soil	July 23, 2020 12:00 am	07/24/2020

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	2.3	4.7	1	EPA 8260C Certifications:	07/27/2020 09:30	07/27/2020 16:33 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	SS
71-55-6	1,1,1-Trichloroethane	ND		ug/kg dry	2.3	4.7	1	EPA 8260C Certifications:	07/27/2020 09:30	07/27/2020 16:33 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	SS
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/kg dry	2.3	4.7	1	EPA 8260C Certifications:	07/27/2020 09:30	07/27/2020 16:33 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	SS
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/kg dry	2.3	4.7	1	EPA 8260C Certifications:	07/27/2020 09:30	07/27/2020 16:33 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP	SS
79-00-5	1,1,2-Trichloroethane	ND		ug/kg dry	2.3	4.7	1	EPA 8260C Certifications:	07/27/2020 09:30	07/27/2020 16:33 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	SS
75-34-3	1,1-Dichloroethane	ND		ug/kg dry	2.3	4.7	1	EPA 8260C Certifications:	07/27/2020 09:30	07/27/2020 16:33 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	SS
75-35-4	1,1-Dichloroethylene	ND		ug/kg dry	2.3	4.7	1	EPA 8260C Certifications:	07/27/2020 09:30	07/27/2020 16:33 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	SS
87-61-6	1,2,3-Trichlorobenzene	ND		ug/kg dry	2.3	4.7	1	EPA 8260C Certifications:	07/27/2020 09:30	07/27/2020 16:33 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	SS
96-18-4	1,2,3-Trichloropropane	ND		ug/kg dry	2.3	4.7	1	EPA 8260C Certifications:	07/27/2020 09:30	07/27/2020 16:33 NELAC-NY10854,NELAC-NY12058,NJDEP	SS
120-82-1	1,2,4-Trichlorobenzene	ND		ug/kg dry	2.3	4.7	1	EPA 8260C Certifications:	07/27/2020 09:30	07/27/2020 16:33 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	SS
95-63-6	**1,2,4-Trimethylbenzene**	**79**		ug/kg dry	2.3	4.7	1	EPA 8260C Certifications:	07/27/2020 09:30	07/27/2020 16:33 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	SS
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/kg dry	2.3	4.7	1	EPA 8260C Certifications:	07/27/2020 09:30	07/27/2020 16:33 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	SS
106-93-4	1,2-Dibromoethane	ND		ug/kg dry	2.3	4.7	1	EPA 8260C Certifications:	07/27/2020 09:30	07/27/2020 16:33 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	SS
95-50-1	1,2-Dichlorobenzene	ND		ug/kg dry	2.3	4.7	1	EPA 8260C Certifications:	07/27/2020 09:30	07/27/2020 16:33 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	SS
107-06-2	1,2-Dichloroethane	ND		ug/kg dry	2.3	4.7	1	EPA 8260C Certifications:	07/27/2020 09:30	07/27/2020 16:33 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	SS
78-87-5	1,2-Dichloropropane	ND		ug/kg dry	2.3	4.7	1	EPA 8260C Certifications:	07/27/2020 09:30	07/27/2020 16:33 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	SS
108-67-8	**1,3,5-Trimethylbenzene**	**76**		ug/kg dry	2.3	4.7	1	EPA 8260C Certifications:	07/27/2020 09:30	07/27/2020 16:33 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	SS
541-73-1	1,3-Dichlorobenzene	ND		ug/kg dry	2.3	4.7	1	EPA 8260C Certifications:	07/27/2020 09:30	07/27/2020 16:33 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	SS
106-46-7	1,4-Dichlorobenzene	ND		ug/kg dry	2.3	4.7	1	EPA 8260C Certifications:	07/27/2020 09:30	07/27/2020 16:33 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	SS
123-91-1	1,4-Dioxane	ND		ug/kg dry	47	93	1	EPA 8260C Certifications:	07/27/2020 09:30	07/27/2020 16:33 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	SS
78-93-3	2-Butanone	ND		ug/kg dry	2.3	4.7	1	EPA 8260C Certifications:	07/27/2020 09:30	07/27/2020 16:33 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	SS
591-78-6	2-Hexanone	ND		ug/kg dry	2.3	4.7	1	EPA 8260C Certifications:	07/27/2020 09:30	07/27/2020 16:33 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	SS

Sample Information

Client Sample ID: B-6 (0-2) **York Sample ID:** 20G0909-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
20G0909	28-34 Pearl Street, Port Chester, New York	Soil	July 23, 2020 12:00 am	07/24/2020

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	2.3	4.7	1	EPA 8260C Certifications:	07/27/2020 09:30	07/27/2020 16:33 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	SS
67-64-1	**Acetone**	**190**		ug/kg dry	4.7	9.3	1	EPA 8260C Certifications:	07/27/2020 09:30	07/27/2020 16:33 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	SS
107-02-8	Acrolein	ND		ug/kg dry	4.7	9.3	1	EPA 8260C Certifications:	07/27/2020 09:30	07/27/2020 16:33 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	SS
107-13-1	Acrylonitrile	ND		ug/kg dry	2.3	4.7	1	EPA 8260C Certifications:	07/27/2020 09:30	07/27/2020 16:33 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	SS
71-43-2	Benzene	ND		ug/kg dry	2.3	4.7	1	EPA 8260C Certifications:	07/27/2020 09:30	07/27/2020 16:33 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	SS
74-97-5	Bromochloromethane	ND		ug/kg dry	2.3	4.7	1	EPA 8260C Certifications:	07/27/2020 09:30	07/27/2020 16:33 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	SS
75-27-4	Bromodichloromethane	ND		ug/kg dry	2.3	4.7	1	EPA 8260C Certifications:	07/27/2020 09:30	07/27/2020 16:33 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	SS
75-25-2	Bromoform	ND		ug/kg dry	2.3	4.7	1	EPA 8260C Certifications:	07/27/2020 09:30	07/27/2020 16:33 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	SS
74-83-9	Bromomethane	ND		ug/kg dry	2.3	4.7	1	EPA 8260C Certifications:	07/27/2020 09:30	07/27/2020 16:33 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	SS
75-15-0	**Carbon disulfide**	**4.8**	B	ug/kg dry	2.3	4.7	1	EPA 8260C Certifications:	07/27/2020 09:30	07/27/2020 16:33 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	SS
56-23-5	Carbon tetrachloride	ND		ug/kg dry	2.3	4.7	1	EPA 8260C Certifications:	07/27/2020 09:30	07/27/2020 16:33 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	SS
108-90-7	Chlorobenzene	ND		ug/kg dry	2.3	4.7	1	EPA 8260C Certifications:	07/27/2020 09:30	07/27/2020 16:33 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	SS
75-00-3	Chloroethane	ND		ug/kg dry	2.3	4.7	1	EPA 8260C Certifications:	07/27/2020 09:30	07/27/2020 16:33 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	SS
67-66-3	Chloroform	ND		ug/kg dry	2.3	4.7	1	EPA 8260C Certifications:	07/27/2020 09:30	07/27/2020 16:33 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	SS
74-87-3	Chloromethane	ND		ug/kg dry	2.3	4.7	1	EPA 8260C Certifications:	07/27/2020 09:30	07/27/2020 16:33 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	SS
156-59-2	cis-1,2-Dichloroethylene	ND		ug/kg dry	2.3	4.7	1	EPA 8260C Certifications:	07/27/2020 09:30	07/27/2020 16:33 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	SS
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/kg dry	2.3	4.7	1	EPA 8260C Certifications:	07/27/2020 09:30	07/27/2020 16:33 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	SS
110-82-7	Cyclohexane	ND		ug/kg dry	2.3	4.7	1	EPA 8260C Certifications:	07/27/2020 09:30	07/27/2020 16:33 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	SS
124-48-1	Dibromochloromethane	ND		ug/kg dry	2.3	4.7	1	EPA 8260C Certifications:	07/27/2020 09:30	07/27/2020 16:33 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	SS
74-95-3	Dibromomethane	ND		ug/kg dry	2.3	4.7	1	EPA 8260C Certifications:	07/27/2020 09:30	07/27/2020 16:33 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	SS
75-71-8	Dichlorodifluoromethane	ND		ug/kg dry	2.3	4.7	1	EPA 8260C Certifications:	07/27/2020 09:30	07/27/2020 16:33 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	SS
100-41-4	Ethyl Benzene	ND		ug/kg dry	2.3	4.7	1	EPA 8260C Certifications:	07/27/2020 09:30	07/27/2020 16:33 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	SS
87-68-3	Hexachlorobutadiene	ND		ug/kg dry	2.3	4.7	1	EPA 8260C Certifications:	07/27/2020 09:30	07/27/2020 16:33 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	SS

Sample Information

Client Sample ID: B-6 (0-2) **York Sample ID:** 20G0909-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
20G0909	28-34 Pearl Street, Port Chester, New York	Soil	July 23, 2020 12:00 am	07/24/2020

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	2.3	4.7	1	EPA 8260C Certifications:	07/27/2020 09:30	07/27/2020 16:33 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	SS
79-20-9	Methyl acetate	ND		ug/kg dry	2.3	4.7	1	EPA 8260C Certifications:	07/27/2020 09:30	07/27/2020 16:33 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	SS
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/kg dry	2.3	4.7	1	EPA 8260C Certifications:	07/27/2020 09:30	07/27/2020 16:33 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	SS
108-87-2	Methylcyclohexane	ND		ug/kg dry	2.3	4.7	1	EPA 8260C Certifications:	07/27/2020 09:30	07/27/2020 16:33 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	SS
75-09-2	**Methylene chloride**	**200**		ug/kg dry	4.7	9.3	1	EPA 8260C Certifications:	07/27/2020 09:30	07/27/2020 16:33 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	SS
104-51-8	n-Butylbenzene	ND		ug/kg dry	2.3	4.7	1	EPA 8260C Certifications:	07/27/2020 09:30	07/27/2020 16:33 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	SS
103-65-1	n-Propylbenzene	ND		ug/kg dry	2.3	4.7	1	EPA 8260C Certifications:	07/27/2020 09:30	07/27/2020 16:33 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	SS
95-47-6	o-Xylene	ND		ug/kg dry	2.3	4.7	1	EPA 8260C Certifications:	07/27/2020 09:30	07/27/2020 16:33 CTDOH,NELAC-NY10854,NELAC-NY12058,PADEP	SS
179601-23-1	p- & m- Xylenes	ND		ug/kg dry	4.7	9.3	1	EPA 8260C Certifications:	07/27/2020 09:30	07/27/2020 16:33 CTDOH,NELAC-NY10854,NELAC-NY12058,PADEP	SS
99-87-6	**p-Isopropyltoluene**	**14**		ug/kg dry	2.3	4.7	1	EPA 8260C Certifications:	07/27/2020 09:30	07/27/2020 16:33 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	SS
135-98-8	sec-Butylbenzene	ND		ug/kg dry	2.3	4.7	1	EPA 8260C Certifications:	07/27/2020 09:30	07/27/2020 16:33 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	SS
100-42-5	Styrene	ND		ug/kg dry	2.3	4.7	1	EPA 8260C Certifications:	07/27/2020 09:30	07/27/2020 16:33 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	SS
75-65-0	tert-Butyl alcohol (TBA)	ND		ug/kg dry	2.3	4.7	1	EPA 8260C Certifications:	07/27/2020 09:30	07/27/2020 16:33 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	SS
98-06-6	tert-Butylbenzene	ND		ug/kg dry	2.3	4.7	1	EPA 8260C Certifications:	07/27/2020 09:30	07/27/2020 16:33 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	SS
127-18-4	Tetrachloroethylene	ND		ug/kg dry	2.3	4.7	1	EPA 8260C Certifications:	07/27/2020 09:30	07/27/2020 16:33 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	SS
108-88-3	Toluene	ND		ug/kg dry	2.3	4.7	1	EPA 8260C Certifications:	07/27/2020 09:30	07/27/2020 16:33 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	SS
156-60-5	trans-1,2-Dichloroethylene	ND		ug/kg dry	2.3	4.7	1	EPA 8260C Certifications:	07/27/2020 09:30	07/27/2020 16:33 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	SS
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/kg dry	2.3	4.7	1	EPA 8260C Certifications:	07/27/2020 09:30	07/27/2020 16:33 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	SS
110-57-6	* trans-1,4-dichloro-2-butene	ND		ug/kg dry	2.3	4.7	1	EPA 8260C Certifications:	07/27/2020 09:30	07/27/2020 16:33 CTDOH	SS
79-01-6	Trichloroethylene	ND		ug/kg dry	2.3	4.7	1	EPA 8260C Certifications:	07/27/2020 09:30	07/27/2020 16:33 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	SS
75-69-4	Trichlorofluoromethane	ND		ug/kg dry	2.3	4.7	1	EPA 8260C Certifications:	07/27/2020 09:30	07/27/2020 16:33 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	SS
75-01-4	Vinyl Chloride	ND		ug/kg dry	2.3	4.7	1	EPA 8260C Certifications:	07/27/2020 09:30	07/27/2020 16:33 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	SS
1330-20-7	Xylenes, Total	ND		ug/kg dry	7.0	14	1	EPA 8260C Certifications:	07/27/2020 09:30	07/27/2020 16:33 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP	SS

Surrogate Recoveries	Result	Acceptance Range

Sample Information

Client Sample ID: B-6 (0-2) **York Sample ID:** 20G0909-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
20G0909	28-34 Pearl Street, Port Chester, New York	Soil	July 23, 2020 12:00 am	07/24/2020

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*	*105 %*			*77-125*						
2037-26-5	*Surrogate: SURR: Toluene-d8*	*96.2 %*			*85-120*						
460-00-4	*Surrogate: SURR: p-Bromofluorobenzene*	*118 %*			*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**	**60.5**	J	ug/kg dry	47.5	94.7	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	07/29/2020 05:44	07/29/2020 23:22	OW
95-94-3	1,2,4,5-Tetrachlorobenzene	ND		ug/kg dry	94.7	189	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	07/29/2020 05:44	07/29/2020 23:22	OW
120-82-1	1,2,4-Trichlorobenzene	ND		ug/kg dry	47.5	94.7	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/29/2020 05:44	07/29/2020 23:22	OW
95-50-1	1,2-Dichlorobenzene	ND		ug/kg dry	47.5	94.7	2	EPA 8270D Certifications: NELAC-NY10854,PADEP	07/29/2020 05:44	07/29/2020 23:22	OW
122-66-7	1,2-Diphenylhydrazine (as Azobenzene)	ND		ug/kg dry	47.5	94.7	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	07/29/2020 05:44	07/29/2020 23:22	OW
541-73-1	1,3-Dichlorobenzene	ND		ug/kg dry	47.5	94.7	2	EPA 8270D Certifications: NELAC-NY10854,PADEP	07/29/2020 05:44	07/29/2020 23:22	OW
106-46-7	1,4-Dichlorobenzene	ND		ug/kg dry	47.5	94.7	2	EPA 8270D Certifications: NELAC-NY10854,PADEP	07/29/2020 05:44	07/29/2020 23:22	OW
58-90-2	2,3,4,6-Tetrachlorophenol	ND		ug/kg dry	94.7	189	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	07/29/2020 05:44	07/29/2020 23:22	OW
95-95-4	2,4,5-Trichlorophenol	ND		ug/kg dry	47.5	94.7	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/29/2020 05:44	07/29/2020 23:22	OW
88-06-2	2,4,6-Trichlorophenol	ND		ug/kg dry	47.5	94.7	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/29/2020 05:44	07/29/2020 23:22	OW
120-83-2	2,4-Dichlorophenol	ND		ug/kg dry	47.5	94.7	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/29/2020 05:44	07/29/2020 23:22	OW
105-67-9	2,4-Dimethylphenol	ND		ug/kg dry	47.5	94.7	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/29/2020 05:44	07/29/2020 23:22	OW
51-28-5	2,4-Dinitrophenol	ND		ug/kg dry	94.7	189	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/29/2020 05:44	07/29/2020 23:22	OW
121-14-2	2,4-Dinitrotoluene	ND		ug/kg dry	47.5	94.7	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/29/2020 05:44	07/29/2020 23:22	OW
606-20-2	2,6-Dinitrotoluene	ND		ug/kg dry	47.5	94.7	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/29/2020 05:44	07/29/2020 23:22	OW
91-58-7	2-Chloronaphthalene	ND		ug/kg dry	47.5	94.7	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/29/2020 05:44	07/29/2020 23:22	OW
95-57-8	2-Chlorophenol	ND		ug/kg dry	47.5	94.7	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/29/2020 05:44	07/29/2020 23:22	OW
91-57-6	**2-Methylnaphthalene**	**1280**		ug/kg dry	47.5	94.7	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/29/2020 05:44	07/29/2020 23:22	OW

Sample Information

Client Sample ID: B-6 (0-2) **York Sample ID:** 20G0909-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
20G0909	28-34 Pearl Street, Port Chester, New York	Soil	July 23, 2020 12:00 am	07/24/2020

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	47.5	94.7	2	EPA 8270D Certifications:	07/29/2020 05:44	07/29/2020 23:22 CTDOH,NELAC-NY10854,NJDEP,PADEP	OW
88-74-4	2-Nitroaniline	ND		ug/kg dry	94.7	189	2	EPA 8270D Certifications:	07/29/2020 05:44	07/29/2020 23:22 CTDOH,NELAC-NY10854,NJDEP,PADEP	OW
88-75-5	2-Nitrophenol	ND		ug/kg dry	47.5	94.7	2	EPA 8270D Certifications:	07/29/2020 05:44	07/29/2020 23:22 CTDOH,NELAC-NY10854,NJDEP,PADEP	OW
65794-96-9	3- & 4-Methylphenols	ND		ug/kg dry	47.5	94.7	2	EPA 8270D Certifications:	07/29/2020 05:44	07/29/2020 23:22 CTDOH,NELAC-NY10854,NJDEP,PADEP	OW
91-94-1	3,3-Dichlorobenzidine	ND		ug/kg dry	47.5	94.7	2	EPA 8270D Certifications:	07/29/2020 05:44	07/29/2020 23:22 NELAC-NY10854,NJDEP,PADEP	OW
99-09-2	3-Nitroaniline	ND		ug/kg dry	94.7	189	2	EPA 8270D Certifications:	07/29/2020 05:44	07/29/2020 23:22 CTDOH,NELAC-NY10854,NJDEP,PADEP	OW
534-52-1	4,6-Dinitro-2-methylphenol	ND		ug/kg dry	94.7	189	2	EPA 8270D Certifications:	07/29/2020 05:44	07/29/2020 23:22 CTDOH,NELAC-NY10854,NJDEP,PADEP	OW
101-55-3	4-Bromophenyl phenyl ether	ND		ug/kg dry	47.5	94.7	2	EPA 8270D Certifications:	07/29/2020 05:44	07/29/2020 23:22 CTDOH,NELAC-NY10854,NJDEP,PADEP	OW
59-50-7	4-Chloro-3-methylphenol	ND		ug/kg dry	47.5	94.7	2	EPA 8270D Certifications:	07/29/2020 05:44	07/29/2020 23:22 CTDOH,NELAC-NY10854,NJDEP,PADEP	OW
106-47-8	4-Chloroaniline	ND		ug/kg dry	47.5	94.7	2	EPA 8270D Certifications:	07/29/2020 05:44	07/29/2020 23:22 CTDOH,NELAC-NY10854,NJDEP,PADEP	OW
7005-72-3	4-Chlorophenyl phenyl ether	ND		ug/kg dry	47.5	94.7	2	EPA 8270D Certifications:	07/29/2020 05:44	07/29/2020 23:22 CTDOH,NELAC-NY10854,NJDEP,PADEP	OW
100-01-6	4-Nitroaniline	ND		ug/kg dry	94.7	189	2	EPA 8270D Certifications:	07/29/2020 05:44	07/29/2020 23:22 CTDOH,NELAC-NY10854,NJDEP,PADEP	OW
100-02-7	4-Nitrophenol	ND		ug/kg dry	94.7	189	2	EPA 8270D Certifications:	07/29/2020 05:44	07/29/2020 23:22 CTDOH,NELAC-NY10854,NJDEP,PADEP	OW
83-32-9	Acenaphthene	ND		ug/kg dry	47.5	94.7	2	EPA 8270D Certifications:	07/29/2020 05:44	07/29/2020 23:22 CTDOH,NELAC-NY10854,NJDEP,PADEP	OW
208-96-8	Acenaphthylene	ND		ug/kg dry	47.5	94.7	2	EPA 8270D Certifications:	07/29/2020 05:44	07/29/2020 23:22 CTDOH,NELAC-NY10854,NJDEP,PADEP	OW
98-86-2	Acetophenone	ND		ug/kg dry	47.5	94.7	2	EPA 8270D Certifications:	07/29/2020 05:44	07/29/2020 23:22 NELAC-NY10854,NJDEP,PADEP	OW
62-53-3	Aniline	ND		ug/kg dry	190	379	2	EPA 8270D Certifications:	07/29/2020 05:44	07/29/2020 23:22 NELAC-NY10854,NJDEP,PADEP	OW
120-12-7	**Anthracene**	**62.8**	J	ug/kg dry	47.5	94.7	2	EPA 8270D Certifications:	07/29/2020 05:44	07/29/2020 23:22 CTDOH,NELAC-NY10854,NJDEP,PADEP	OW
1912-24-9	Atrazine	ND		ug/kg dry	47.5	94.7	2	EPA 8270D Certifications:	07/29/2020 05:44	07/29/2020 23:22 NELAC-NY10854,NJDEP,PADEP	OW
100-52-7	Benzaldehyde	ND		ug/kg dry	47.5	94.7	2	EPA 8270D Certifications:	07/29/2020 05:44	07/29/2020 23:22 NELAC-NY10854,NJDEP,PADEP	OW
92-87-5	Benzidine	ND	CCV-L	ug/kg dry	190	379	2	EPA 8270D Certifications:	07/29/2020 05:44	07/29/2020 23:22 CTDOH,NELAC-NY10854,PADEP	OW
56-55-3	**Benzo(a)anthracene**	**57.5**	J	ug/kg dry	47.5	94.7	2	EPA 8270D Certifications:	07/29/2020 05:44	07/29/2020 23:22 CTDOH,NELAC-NY10854,NJDEP,PADEP	OW
50-32-8	Benzo(a)pyrene	ND		ug/kg dry	47.5	94.7	2	EPA 8270D Certifications:	07/29/2020 05:44	07/29/2020 23:22 CTDOH,NELAC-NY10854,NJDEP,PADEP	OW

Sample Information

Client Sample ID: B-6 (0-2) **York Sample ID:** 20G0909-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
20G0909	28-34 Pearl Street, Port Chester, New York	Soil	July 23, 2020 12:00 am	07/24/2020

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	ND		ug/kg dry	47.5	94.7	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/29/2020 05:44	07/29/2020 23:22	OW
191-24-2	**Benzo(g,h,i)perylene**	**69.6**	J	ug/kg dry	47.5	94.7	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/29/2020 05:44	07/29/2020 23:22	OW
207-08-9	Benzo(k)fluoranthene	ND		ug/kg dry	47.5	94.7	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/29/2020 05:44	07/29/2020 23:22	OW
65-85-0	Benzoic acid	ND		ug/kg dry	47.5	94.7	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	07/29/2020 05:44	07/29/2020 23:22	OW
100-51-6	Benzyl alcohol	ND		ug/kg dry	47.5	94.7	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	07/29/2020 05:44	07/29/2020 23:22	OW
85-68-7	Benzyl butyl phthalate	ND		ug/kg dry	47.5	94.7	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/29/2020 05:44	07/29/2020 23:22	OW
111-91-1	Bis(2-chloroethoxy)methane	ND		ug/kg dry	47.5	94.7	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/29/2020 05:44	07/29/2020 23:22	OW
111-44-4	Bis(2-chloroethyl)ether	ND		ug/kg dry	47.5	94.7	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/29/2020 05:44	07/29/2020 23:22	OW
108-60-1	Bis(2-chloroisopropyl)ether	ND		ug/kg dry	47.5	94.7	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/29/2020 05:44	07/29/2020 23:22	OW
117-81-7	Bis(2-ethylhexyl)phthalate	ND		ug/kg dry	47.5	94.7	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/29/2020 05:44	07/29/2020 23:22	OW
105-60-2	Caprolactam	ND		ug/kg dry	94.7	189	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	07/29/2020 05:44	07/29/2020 23:22	OW
86-74-8	Carbazole	ND		ug/kg dry	47.5	94.7	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/29/2020 05:44	07/29/2020 23:22	OW
218-01-9	Chrysene	ND		ug/kg dry	47.5	94.7	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/29/2020 05:44	07/29/2020 23:22	OW
53-70-3	Dibenzo(a,h)anthracene	ND		ug/kg dry	47.5	94.7	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/29/2020 05:44	07/29/2020 23:22	OW
132-64-9	Dibenzofuran	ND		ug/kg dry	47.5	94.7	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/29/2020 05:44	07/29/2020 23:22	OW
84-66-2	Diethyl phthalate	ND		ug/kg dry	47.5	94.7	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/29/2020 05:44	07/29/2020 23:22	OW
131-11-3	Dimethyl phthalate	ND		ug/kg dry	47.5	94.7	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/29/2020 05:44	07/29/2020 23:22	OW
84-74-2	Di-n-butyl phthalate	ND		ug/kg dry	47.5	94.7	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/29/2020 05:44	07/29/2020 23:22	OW
117-84-0	Di-n-octyl phthalate	ND		ug/kg dry	47.5	94.7	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/29/2020 05:44	07/29/2020 23:22	OW
122-39-4	* Diphenylamine	ND		ug/kg dry	94.7	189	2	EPA 8270D Certifications:	07/29/2020 05:44	07/29/2020 23:22	OW
206-44-0	**Fluoranthene**	**82.5**	J	ug/kg dry	47.5	94.7	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/29/2020 05:44	07/29/2020 23:22	OW
86-73-7	**Fluorene**	**144**		ug/kg dry	47.5	94.7	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	07/29/2020 05:44	07/29/2020 23:22	OW
118-74-1	Hexachlorobenzene	ND		ug/kg dry	47.5	94.7	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/29/2020 05:44	07/29/2020 23:22	OW

Sample Information

Client Sample ID: B-6 (0-2) **York Sample ID:** 20G0909-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
20G0909	28-34 Pearl Street, Port Chester, New York	Soil	July 23, 2020 12:00 am	07/24/2020

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	47.5	94.7	2	EPA 8270D Certifications:	07/29/2020 05:44 CTDOH,NELAC-NY10854,NJDEP,PADEP	07/29/2020 23:22	OW
77-47-4	Hexachlorocyclopentadiene	ND	CCV-L	ug/kg dry	47.5	94.7	2	EPA 8270D Certifications:	07/29/2020 05:44 CTDOH,NELAC-NY10854,NJDEP,PADEP	07/29/2020 23:22	OW
67-72-1	Hexachloroethane	ND		ug/kg dry	47.5	94.7	2	EPA 8270D Certifications:	07/29/2020 05:44 CTDOH,NELAC-NY10854,NJDEP,PADEP	07/29/2020 23:22	OW
193-39-5	Indeno(1,2,3-cd)pyrene	ND		ug/kg dry	47.5	94.7	2	EPA 8270D Certifications:	07/29/2020 05:44 CTDOH,NELAC-NY10854,NJDEP,PADEP	07/29/2020 23:22	OW
78-59-1	Isophorone	ND		ug/kg dry	47.5	94.7	2	EPA 8270D Certifications:	07/29/2020 05:44 CTDOH,NELAC-NY10854,NJDEP,PADEP	07/29/2020 23:22	OW
91-20-3	**Naphthalene**	**187**		ug/kg dry	47.5	94.7	2	EPA 8270D Certifications:	07/29/2020 05:44 CTDOH,NELAC-NY10854,NJDEP,PADEP	07/29/2020 23:22	OW
98-95-3	Nitrobenzene	ND		ug/kg dry	47.5	94.7	2	EPA 8270D Certifications:	07/29/2020 05:44 CTDOH,NELAC-NY10854,NJDEP,PADEP	07/29/2020 23:22	OW
62-75-9	N-Nitrosodimethylamine	ND		ug/kg dry	47.5	94.7	2	EPA 8270D Certifications:	07/29/2020 05:44 CTDOH,NELAC-NY10854,NJDEP,PADEP	07/29/2020 23:22	OW
621-64-7	N-nitroso-di-n-propylamine	ND		ug/kg dry	47.5	94.7	2	EPA 8270D Certifications:	07/29/2020 05:44 CTDOH,NELAC-NY10854,NJDEP,PADEP	07/29/2020 23:22	OW
86-30-6	N-Nitrosodiphenylamine	ND		ug/kg dry	47.5	94.7	2	EPA 8270D Certifications:	07/29/2020 05:44 CTDOH,NELAC-NY10854,NJDEP,PADEP	07/29/2020 23:22	OW
87-86-5	Pentachlorophenol	ND		ug/kg dry	47.5	94.7	2	EPA 8270D Certifications:	07/29/2020 05:44 CTDOH,NELAC-NY10854,NJDEP,PADEP	07/29/2020 23:22	OW
85-01-8	**Phenanthrene**	**145**		ug/kg dry	47.5	94.7	2	EPA 8270D Certifications:	07/29/2020 05:44 CTDOH,NELAC-NY10854,NJDEP,PADEP	07/29/2020 23:22	OW
108-95-2	Phenol	ND		ug/kg dry	47.5	94.7	2	EPA 8270D Certifications:	07/29/2020 05:44 CTDOH,NELAC-NY10854,NJDEP,PADEP	07/29/2020 23:22	OW
129-00-0	**Pyrene**	**122**		ug/kg dry	47.5	94.7	2	EPA 8270D Certifications:	07/29/2020 05:44 CTDOH,NELAC-NY10854,NJDEP,PADEP	07/29/2020 23:22	OW

	Surrogate Recoveries	Result	Acceptance Range
367-12-4	*Surrogate: SURR: 2-Fluorophenol*	*56.1 %*	*20-108*
4165-62-2	*Surrogate: SURR: Phenol-d5*	*58.5 %*	*23-114*
4165-60-0	*Surrogate: SURR: Nitrobenzene-d5*	*89.6 %*	*22-108*
321-60-8	*Surrogate: SURR: 2-Fluorobiphenyl*	*59.3 %*	*21-113*
118-79-6	*Surrogate: SURR: 2,4,6-Tribromophenol*	*106 %*	*19-110*
1718-51-0	*Surrogate: SURR: Terphenyl-d14*	*91.5 %*	*24-116*

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**	**13700**		mg/kg dry	5.75	1	EPA 6010D Certifications:	07/27/2020 09:11 CTDOH,NELAC-NY10854,NJDEP,PADEP	07/29/2020 15:04	KML

Sample Information

Client Sample ID: B-6 (0-2) **York Sample ID:** 20G0909-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
20G0909	28-34 Pearl Street, Port Chester, New York	Soil	July 23, 2020 12:00 am	07/24/2020

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
7440-36-0	Antimony	ND		mg/kg dry	2.88	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/27/2020 09:11	07/29/2020 15:04	KML
7440-38-2	**Arsenic**	**2.63**		mg/kg dry	1.73	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/27/2020 09:11	07/29/2020 15:04	KML
7440-39-3	**Barium**	**139**		mg/kg dry	2.88	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/27/2020 09:11	07/29/2020 15:04	KML
7440-41-7	Beryllium	ND		mg/kg dry	0.058	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/27/2020 09:11	07/29/2020 15:04	KML
7440-43-9	Cadmium	ND		mg/kg dry	0.345	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/27/2020 09:11	07/29/2020 15:04	KML
7440-70-2	**Calcium**	**25600**		mg/kg dry	5.75	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/27/2020 09:11	07/29/2020 15:04	KML
7440-47-3	**Chromium**	**26.1**		mg/kg dry	0.575	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/27/2020 09:11	07/29/2020 15:04	KML
7440-48-4	**Cobalt**	**11.8**		mg/kg dry	0.460	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/27/2020 09:11	07/29/2020 15:04	KML
7440-50-8	**Copper**	**43.6**	B	mg/kg dry	2.30	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/27/2020 09:11	07/29/2020 15:04	KML
7439-89-6	**Iron**	**29000**		mg/kg dry	28.8	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/27/2020 09:11	07/29/2020 15:04	KML
7439-92-1	**Lead**	**526**		mg/kg dry	0.575	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/27/2020 09:11	07/29/2020 15:04	KML
7439-95-4	**Magnesium**	**11900**		mg/kg dry	5.75	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/27/2020 09:11	07/29/2020 15:04	KML
7439-96-5	**Manganese**	**361**		mg/kg dry	0.575	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/27/2020 09:11	07/29/2020 15:04	KML
7440-02-0	**Nickel**	**29.4**		mg/kg dry	1.15	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/27/2020 09:11	07/29/2020 15:04	KML
7440-09-7	**Potassium**	**3980**		mg/kg dry	5.75	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/27/2020 09:11	07/29/2020 15:04	KML
7782-49-2	Selenium	ND		mg/kg dry	2.88	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/27/2020 09:11	07/29/2020 15:04	KML
7440-22-4	Silver	ND		mg/kg dry	0.575	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/27/2020 09:11	07/29/2020 15:04	KML
7440-23-5	**Sodium**	**705**		mg/kg dry	57.5	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/27/2020 09:11	07/29/2020 15:04	KML
7440-28-0	Thallium	ND		mg/kg dry	2.88	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/27/2020 09:11	07/29/2020 15:04	KML
7440-62-2	**Vanadium**	**30.0**		mg/kg dry	1.15	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/27/2020 09:11	07/29/2020 15:04	KML
7440-66-6	**Zinc**	**1390**		mg/kg dry	2.88	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/27/2020 09:11	07/29/2020 15:04	KML

Mercury by 7473

Log-in Notes:

Sample Notes:

Sample Information

Client Sample ID: B-6 (0-2) **York Sample ID:** 20G0909-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
20G0909	28-34 Pearl Street, Port Chester, New York	Soil	July 23, 2020 12:00 am	07/24/2020

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**	**0.314**		mg/kg dry	0.0345	1	EPA 7473	07/27/2020 10:20	07/27/2020 10:38	SY
							Certifications:	CTDOH,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**	**86.9**		%	0.100	1	SM 2540G	07/27/2020 08:04	07/27/2020 17:04	WJM
							Certifications:	CTDOH		

Sample Information

Client Sample ID: B-6 (6-8) **York Sample ID:** 20G0909-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
20G0909	28-34 Pearl Street, Port Chester, New York	Soil	July 23, 2020 12:00 am	07/24/2020

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	290	580	100	EPA 8260C	07/28/2020 09:30	07/28/2020 18:27	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
71-55-6	1,1,1-Trichloroethane	ND		ug/kg dry	290	580	100	EPA 8260C	07/28/2020 09:30	07/28/2020 18:27	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/kg dry	290	580	100	EPA 8260C	07/28/2020 09:30	07/28/2020 18:27	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/kg dry	290	580	100	EPA 8260C	07/28/2020 09:30	07/28/2020 18:27	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP		
79-00-5	1,1,2-Trichloroethane	ND		ug/kg dry	290	580	100	EPA 8260C	07/28/2020 09:30	07/28/2020 18:27	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-34-3	1,1-Dichloroethane	ND		ug/kg dry	290	580	100	EPA 8260C	07/28/2020 09:30	07/28/2020 18:27	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-35-4	1,1-Dichloroethylene	ND		ug/kg dry	290	580	100	EPA 8260C	07/28/2020 09:30	07/28/2020 18:27	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
87-61-6	1,2,3-Trichlorobenzene	ND		ug/kg dry	290	580	100	EPA 8260C	07/28/2020 09:30	07/28/2020 18:27	SS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
96-18-4	1,2,3-Trichloropropane	ND		ug/kg dry	290	580	100	EPA 8260C	07/28/2020 09:30	07/28/2020 18:27	SS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP		
120-82-1	1,2,4-Trichlorobenzene	ND		ug/kg dry	290	580	100	EPA 8260C	07/28/2020 09:30	07/28/2020 18:27	SS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
95-63-6	**1,2,4-Trimethylbenzene**	**81000**		ug/kg dry	580	1200	200	EPA 8260C	07/29/2020 09:30	07/29/2020 15:38	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		

Sample Information

Client Sample ID: B-6 (6-8) **York Sample ID:** 20G0909-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
20G0909	28-34 Pearl Street, Port Chester, New York	Soil	July 23, 2020 12:00 am	07/24/2020

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
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/kg dry	290	580	100	EPA 8260C Certifications:	07/28/2020 09:30	07/28/2020 18:27 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	SS
106-93-4	1,2-Dibromoethane	ND		ug/kg dry	290	580	100	EPA 8260C Certifications:	07/28/2020 09:30	07/28/2020 18:27 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	SS
95-50-1	1,2-Dichlorobenzene	ND		ug/kg dry	290	580	100	EPA 8260C Certifications:	07/28/2020 09:30	07/28/2020 18:27 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	SS
107-06-2	1,2-Dichloroethane	ND		ug/kg dry	290	580	100	EPA 8260C Certifications:	07/28/2020 09:30	07/28/2020 18:27 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	SS
78-87-5	1,2-Dichloropropane	ND		ug/kg dry	290	580	100	EPA 8260C Certifications:	07/28/2020 09:30	07/28/2020 18:27 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	SS
108-67-8	**1,3,5-Trimethylbenzene**	**14000**		ug/kg dry	290	580	100	EPA 8260C Certifications:	07/28/2020 09:30	07/28/2020 18:27 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	SS
541-73-1	1,3-Dichlorobenzene	ND		ug/kg dry	290	580	100	EPA 8260C Certifications:	07/28/2020 09:30	07/28/2020 18:27 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	SS
106-46-7	1,4-Dichlorobenzene	ND		ug/kg dry	290	580	100	EPA 8260C Certifications:	07/28/2020 09:30	07/28/2020 18:27 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	SS
123-91-1	1,4-Dioxane	ND		ug/kg dry	5800	12000	100	EPA 8260C Certifications:	07/28/2020 09:30	07/28/2020 18:27 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	SS
78-93-3	2-Butanone	ND		ug/kg dry	290	580	100	EPA 8260C Certifications:	07/28/2020 09:30	07/28/2020 18:27 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	SS
591-78-6	2-Hexanone	ND		ug/kg dry	290	580	100	EPA 8260C Certifications:	07/28/2020 09:30	07/28/2020 18:27 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	SS
108-10-1	4-Methyl-2-pentanone	ND		ug/kg dry	290	580	100	EPA 8260C Certifications:	07/28/2020 09:30	07/28/2020 18:27 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	SS
67-64-1	Acetone	ND		ug/kg dry	580	1200	100	EPA 8260C Certifications:	07/28/2020 09:30	07/28/2020 18:27 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	SS
107-02-8	Acrolein	ND		ug/kg dry	580	1200	100	EPA 8260C Certifications:	07/28/2020 09:30	07/28/2020 18:27 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	SS
107-13-1	Acrylonitrile	ND		ug/kg dry	290	580	100	EPA 8260C Certifications:	07/28/2020 09:30	07/28/2020 18:27 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	SS
71-43-2	Benzene	ND		ug/kg dry	290	580	100	EPA 8260C Certifications:	07/28/2020 09:30	07/28/2020 18:27 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	SS
74-97-5	Bromochloromethane	ND		ug/kg dry	290	580	100	EPA 8260C Certifications:	07/28/2020 09:30	07/28/2020 18:27 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	SS
75-27-4	Bromodichloromethane	ND		ug/kg dry	290	580	100	EPA 8260C Certifications:	07/28/2020 09:30	07/28/2020 18:27 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	SS
75-25-2	Bromoform	ND		ug/kg dry	290	580	100	EPA 8260C Certifications:	07/28/2020 09:30	07/28/2020 18:27 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	SS
74-83-9	Bromomethane	ND		ug/kg dry	290	580	100	EPA 8260C Certifications:	07/28/2020 09:30	07/28/2020 18:27 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	SS
75-15-0	**Carbon disulfide**	**680**	B	ug/kg dry	290	580	100	EPA 8260C Certifications:	07/28/2020 09:30	07/28/2020 18:27 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	SS
56-23-5	Carbon tetrachloride	ND		ug/kg dry	290	580	100	EPA 8260C Certifications:	07/28/2020 09:30	07/28/2020 18:27 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	SS
108-90-7	Chlorobenzene	ND		ug/kg dry	290	580	100	EPA 8260C Certifications:	07/28/2020 09:30	07/28/2020 18:27 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	SS

Sample Information

Client Sample ID: B-6 (6-8) **York Sample ID:** 20G0909-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
20G0909	28-34 Pearl Street, Port Chester, New York	Soil	July 23, 2020 12:00 am	07/24/2020

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
75-00-3	Chloroethane	ND		ug/kg dry	290	580	100	EPA 8260C Certifications:	07/28/2020 09:30	07/28/2020 18:27	SS CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
67-66-3	Chloroform	ND		ug/kg dry	290	580	100	EPA 8260C Certifications:	07/28/2020 09:30	07/28/2020 18:27	SS CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
74-87-3	Chloromethane	ND		ug/kg dry	290	580	100	EPA 8260C Certifications:	07/28/2020 09:30	07/28/2020 18:27	SS CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
156-59-2	cis-1,2-Dichloroethylene	ND		ug/kg dry	290	580	100	EPA 8260C Certifications:	07/28/2020 09:30	07/28/2020 18:27	SS CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/kg dry	290	580	100	EPA 8260C Certifications:	07/28/2020 09:30	07/28/2020 18:27	SS CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
110-82-7	Cyclohexane	ND		ug/kg dry	290	580	100	EPA 8260C Certifications:	07/28/2020 09:30	07/28/2020 18:27	SS NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
124-48-1	Dibromochloromethane	ND		ug/kg dry	290	580	100	EPA 8260C Certifications:	07/28/2020 09:30	07/28/2020 18:27	SS NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
74-95-3	Dibromomethane	ND		ug/kg dry	290	580	100	EPA 8260C Certifications:	07/28/2020 09:30	07/28/2020 18:27	SS NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
75-71-8	Dichlorodifluoromethane	ND		ug/kg dry	290	580	100	EPA 8260C Certifications:	07/28/2020 09:30	07/28/2020 18:27	SS NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
100-41-4	**Ethyl Benzene**	**1000**		ug/kg dry	290	580	100	EPA 8260C Certifications:	07/28/2020 09:30	07/28/2020 18:27	SS CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
87-68-3	Hexachlorobutadiene	ND		ug/kg dry	290	580	100	EPA 8260C Certifications:	07/28/2020 09:30	07/28/2020 18:27	SS NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
98-82-8	**Isopropylbenzene**	**1500**		ug/kg dry	290	580	100	EPA 8260C Certifications:	07/28/2020 09:30	07/28/2020 18:27	SS CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
79-20-9	Methyl acetate	ND		ug/kg dry	290	580	100	EPA 8260C Certifications:	07/28/2020 09:30	07/28/2020 18:27	SS NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/kg dry	290	580	100	EPA 8260C Certifications:	07/28/2020 09:30	07/28/2020 18:27	SS CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
108-87-2	**Methylcyclohexane**	**500**	J	ug/kg dry	290	580	100	EPA 8260C Certifications:	07/28/2020 09:30	07/28/2020 18:27	SS NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
75-09-2	Methylene chloride	ND		ug/kg dry	580	1200	100	EPA 8260C Certifications:	07/28/2020 09:30	07/28/2020 18:27	SS CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
104-51-8	**n-Butylbenzene**	**6700**		ug/kg dry	290	580	100	EPA 8260C Certifications:	07/28/2020 09:30	07/28/2020 18:27	SS CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
103-65-1	**n-Propylbenzene**	**6700**		ug/kg dry	290	580	100	EPA 8260C Certifications:	07/28/2020 09:30	07/28/2020 18:27	SS CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
95-47-6	**o-Xylene**	**1300**		ug/kg dry	290	580	100	EPA 8260C Certifications:	07/28/2020 09:30	07/28/2020 18:27	SS CTDOH,NELAC-NY10854,NELAC-NY12058,PADEP
179601-23-1	**p- & m- Xylenes**	**3800**		ug/kg dry	580	1200	100	EPA 8260C Certifications:	07/28/2020 09:30	07/28/2020 18:27	SS CTDOH,NELAC-NY10854,NELAC-NY12058,PADEP
99-87-6	**p-Isopropyltoluene**	**1900**		ug/kg dry	290	580	100	EPA 8260C Certifications:	07/28/2020 09:30	07/28/2020 18:27	SS CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
135-98-8	**sec-Butylbenzene**	**2700**		ug/kg dry	290	580	100	EPA 8260C Certifications:	07/28/2020 09:30	07/28/2020 18:27	SS CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
100-42-5	Styrene	ND		ug/kg dry	290	580	100	EPA 8260C Certifications:	07/28/2020 09:30	07/28/2020 18:27	SS CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP

Sample Information

Client Sample ID: B-6 (6-8) **York Sample ID:** 20G0909-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
20G0909	28-34 Pearl Street, Port Chester, New York	Soil	July 23, 2020 12:00 am	07/24/2020

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
75-65-0	tert-Butyl alcohol (TBA)	ND		ug/kg dry	290	580	100	EPA 8260C Certifications:	07/28/2020 09:30 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/28/2020 18:27	SS
98-06-6	tert-Butylbenzene	ND		ug/kg dry	290	580	100	EPA 8260C Certifications:	07/28/2020 09:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/28/2020 18:27	SS
127-18-4	Tetrachloroethylene	ND		ug/kg dry	290	580	100	EPA 8260C Certifications:	07/28/2020 09:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/28/2020 18:27	SS
108-88-3	Toluene	ND		ug/kg dry	290	580	100	EPA 8260C Certifications:	07/28/2020 09:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/28/2020 18:27	SS
156-60-5	trans-1,2-Dichloroethylene	ND		ug/kg dry	290	580	100	EPA 8260C Certifications:	07/28/2020 09:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/28/2020 18:27	SS
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/kg dry	290	580	100	EPA 8260C Certifications:	07/28/2020 09:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/28/2020 18:27	SS
110-57-6	* trans-1,4-dichloro-2-butene	ND		ug/kg dry	290	580	100	EPA 8260C Certifications:	07/28/2020 09:30 CTDOH	07/28/2020 18:27	SS
79-01-6	Trichloroethylene	ND		ug/kg dry	290	580	100	EPA 8260C Certifications:	07/28/2020 09:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/28/2020 18:27	SS
75-69-4	Trichlorofluoromethane	ND		ug/kg dry	290	580	100	EPA 8260C Certifications:	07/28/2020 09:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/28/2020 18:27	SS
75-01-4	Vinyl Chloride	ND		ug/kg dry	290	580	100	EPA 8260C Certifications:	07/28/2020 09:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/28/2020 18:27	SS
1330-20-7	**Xylenes, Total**	**5100**		ug/kg dry	870	1700	100	EPA 8260C Certifications:	07/28/2020 09:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP	07/28/2020 18:27	SS

	Surrogate Recoveries	Result	Acceptance Range
2037-26-5	*Surrogate: SURR: Toluene-d8*	*100 %*	*85-120*
460-00-4	*Surrogate: SURR: p-Bromofluorobenzene*	*98.8 %*	*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**	**667**		ug/kg dry	44.5	88.8	2	EPA 8270D Certifications:	07/29/2020 05:44 NELAC-NY10854,NJDEP,PADEP	07/29/2020 23:53	OW
95-94-3	1,2,4,5-Tetrachlorobenzene	ND		ug/kg dry	88.8	177	2	EPA 8270D Certifications:	07/29/2020 05:44 NELAC-NY10854,NJDEP,PADEP	07/29/2020 23:53	OW
120-82-1	1,2,4-Trichlorobenzene	ND		ug/kg dry	44.5	88.8	2	EPA 8270D Certifications:	07/29/2020 05:44 CTDOH,NELAC-NY10854,NJDEP,PADEP	07/29/2020 23:53	OW
95-50-1	1,2-Dichlorobenzene	ND		ug/kg dry	44.5	88.8	2	EPA 8270D Certifications:	07/29/2020 05:44 NELAC-NY10854,PADEP	07/29/2020 23:53	OW
122-66-7	1,2-Diphenylhydrazine (as Azobenzene)	ND		ug/kg dry	44.5	88.8	2	EPA 8270D Certifications:	07/29/2020 05:44 NELAC-NY10854,NJDEP,PADEP	07/29/2020 23:53	OW
541-73-1	1,3-Dichlorobenzene	ND		ug/kg dry	44.5	88.8	2	EPA 8270D Certifications:	07/29/2020 05:44 NELAC-NY10854,PADEP	07/29/2020 23:53	OW
106-46-7	1,4-Dichlorobenzene	ND		ug/kg dry	44.5	88.8	2	EPA 8270D Certifications:	07/29/2020 05:44 NELAC-NY10854,PADEP	07/29/2020 23:53	OW

Sample Information

Client Sample ID: B-6 (6-8) **York Sample ID:** 20G0909-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
20G0909	28-34 Pearl Street, Port Chester, New York	Soil	July 23, 2020 12:00 am	07/24/2020

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
58-90-2	2,3,4,6-Tetrachlorophenol	ND		ug/kg dry	88.8	177	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	07/29/2020 05:44	07/29/2020 23:53	OW
95-95-4	2,4,5-Trichlorophenol	ND		ug/kg dry	44.5	88.8	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/29/2020 05:44	07/29/2020 23:53	OW
88-06-2	2,4,6-Trichlorophenol	ND		ug/kg dry	44.5	88.8	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/29/2020 05:44	07/29/2020 23:53	OW
120-83-2	2,4-Dichlorophenol	ND		ug/kg dry	44.5	88.8	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/29/2020 05:44	07/29/2020 23:53	OW
105-67-9	2,4-Dimethylphenol	ND		ug/kg dry	44.5	88.8	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/29/2020 05:44	07/29/2020 23:53	OW
51-28-5	2,4-Dinitrophenol	ND		ug/kg dry	88.8	177	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/29/2020 05:44	07/29/2020 23:53	OW
121-14-2	2,4-Dinitrotoluene	ND		ug/kg dry	44.5	88.8	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/29/2020 05:44	07/29/2020 23:53	OW
606-20-2	2,6-Dinitrotoluene	ND		ug/kg dry	44.5	88.8	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/29/2020 05:44	07/29/2020 23:53	OW
91-58-7	2-Chloronaphthalene	ND		ug/kg dry	44.5	88.8	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/29/2020 05:44	07/29/2020 23:53	OW
95-57-8	2-Chlorophenol	ND		ug/kg dry	44.5	88.8	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/29/2020 05:44	07/29/2020 23:53	OW
91-57-6	**2-Methylnaphthalene**	**19800**		ug/kg dry	556	1110	25	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/29/2020 05:44	07/30/2020 12:49	OW
95-48-7	2-Methylphenol	ND		ug/kg dry	44.5	88.8	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/29/2020 05:44	07/29/2020 23:53	OW
88-74-4	2-Nitroaniline	ND		ug/kg dry	88.8	177	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/29/2020 05:44	07/29/2020 23:53	OW
88-75-5	2-Nitrophenol	ND		ug/kg dry	44.5	88.8	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/29/2020 05:44	07/29/2020 23:53	OW
65794-96-9	3- & 4-Methylphenols	ND		ug/kg dry	44.5	88.8	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/29/2020 05:44	07/29/2020 23:53	OW
91-94-1	3,3-Dichlorobenzidine	ND		ug/kg dry	44.5	88.8	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	07/29/2020 05:44	07/29/2020 23:53	OW
99-09-2	3-Nitroaniline	ND		ug/kg dry	88.8	177	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/29/2020 05:44	07/29/2020 23:53	OW
534-52-1	4,6-Dinitro-2-methylphenol	ND		ug/kg dry	88.8	177	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/29/2020 05:44	07/29/2020 23:53	OW
101-55-3	4-Bromophenyl phenyl ether	ND		ug/kg dry	44.5	88.8	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/29/2020 05:44	07/29/2020 23:53	OW
59-50-7	4-Chloro-3-methylphenol	ND		ug/kg dry	44.5	88.8	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/29/2020 05:44	07/29/2020 23:53	OW
106-47-8	4-Chloroaniline	ND		ug/kg dry	44.5	88.8	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/29/2020 05:44	07/29/2020 23:53	OW
7005-72-3	4-Chlorophenyl phenyl ether	ND		ug/kg dry	44.5	88.8	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/29/2020 05:44	07/29/2020 23:53	OW
100-01-6	4-Nitroaniline	ND		ug/kg dry	88.8	177	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/29/2020 05:44	07/29/2020 23:53	OW

Sample Information

Client Sample ID: B-6 (6-8) **York Sample ID:** 20G0909-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
20G0909	28-34 Pearl Street, Port Chester, New York	Soil	July 23, 2020 12:00 am	07/24/2020

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
100-02-7	4-Nitrophenol	ND		ug/kg dry	88.8	177	2	EPA 8270D Certifications:	07/29/2020 05:44 CTDOH,NELAC-NY10854,NJDEP,PADEP	07/29/2020 23:53	OW
83-32-9	**Acenaphthene**	**335**		ug/kg dry	44.5	88.8	2	EPA 8270D Certifications:	07/29/2020 05:44 CTDOH,NELAC-NY10854,NJDEP,PADEP	07/29/2020 23:53	OW
208-96-8	**Acenaphthylene**	**120**		ug/kg dry	44.5	88.8	2	EPA 8270D Certifications:	07/29/2020 05:44 CTDOH,NELAC-NY10854,NJDEP,PADEP	07/29/2020 23:53	OW
98-86-2	Acetophenone	ND		ug/kg dry	44.5	88.8	2	EPA 8270D Certifications:	07/29/2020 05:44 NELAC-NY10854,NJDEP,PADEP	07/29/2020 23:53	OW
62-53-3	Aniline	ND		ug/kg dry	178	356	2	EPA 8270D Certifications:	07/29/2020 05:44 NELAC-NY10854,NJDEP,PADEP	07/29/2020 23:53	OW
120-12-7	**Anthracene**	**236**		ug/kg dry	44.5	88.8	2	EPA 8270D Certifications:	07/29/2020 05:44 CTDOH,NELAC-NY10854,NJDEP,PADEP	07/29/2020 23:53	OW
1912-24-9	Atrazine	ND		ug/kg dry	44.5	88.8	2	EPA 8270D Certifications:	07/29/2020 05:44 NELAC-NY10854,NJDEP,PADEP	07/29/2020 23:53	OW
100-52-7	Benzaldehyde	ND		ug/kg dry	44.5	88.8	2	EPA 8270D Certifications:	07/29/2020 05:44 NELAC-NY10854,NJDEP,PADEP	07/29/2020 23:53	OW
92-87-5	Benzidine	ND	CCV-L	ug/kg dry	178	356	2	EPA 8270D Certifications:	07/29/2020 05:44 CTDOH,NELAC-NY10854,PADEP	07/29/2020 23:53	OW
56-55-3	**Benzo(a)anthracene**	**75.9**	J	ug/kg dry	44.5	88.8	2	EPA 8270D Certifications:	07/29/2020 05:44 CTDOH,NELAC-NY10854,NJDEP,PADEP	07/29/2020 23:53	OW
50-32-8	Benzo(a)pyrene	ND		ug/kg dry	44.5	88.8	2	EPA 8270D Certifications:	07/29/2020 05:44 CTDOH,NELAC-NY10854,NJDEP,PADEP	07/29/2020 23:53	OW
205-99-2	Benzo(b)fluoranthene	ND		ug/kg dry	44.5	88.8	2	EPA 8270D Certifications:	07/29/2020 05:44 CTDOH,NELAC-NY10854,NJDEP,PADEP	07/29/2020 23:53	OW
191-24-2	Benzo(g,h,i)perylene	ND		ug/kg dry	44.5	88.8	2	EPA 8270D Certifications:	07/29/2020 05:44 CTDOH,NELAC-NY10854,NJDEP,PADEP	07/29/2020 23:53	OW
207-08-9	Benzo(k)fluoranthene	ND		ug/kg dry	44.5	88.8	2	EPA 8270D Certifications:	07/29/2020 05:44 CTDOH,NELAC-NY10854,NJDEP,PADEP	07/29/2020 23:53	OW
65-85-0	Benzoic acid	ND		ug/kg dry	44.5	88.8	2	EPA 8270D Certifications:	07/29/2020 05:44 NELAC-NY10854,NJDEP,PADEP	07/29/2020 23:53	OW
100-51-6	Benzyl alcohol	ND		ug/kg dry	44.5	88.8	2	EPA 8270D Certifications:	07/29/2020 05:44 NELAC-NY10854,NJDEP,PADEP	07/29/2020 23:53	OW
85-68-7	Benzyl butyl phthalate	ND		ug/kg dry	44.5	88.8	2	EPA 8270D Certifications:	07/29/2020 05:44 CTDOH,NELAC-NY10854,NJDEP,PADEP	07/29/2020 23:53	OW
111-91-1	Bis(2-chloroethoxy)methane	ND		ug/kg dry	44.5	88.8	2	EPA 8270D Certifications:	07/29/2020 05:44 CTDOH,NELAC-NY10854,NJDEP,PADEP	07/29/2020 23:53	OW
111-44-4	Bis(2-chloroethyl)ether	ND		ug/kg dry	44.5	88.8	2	EPA 8270D Certifications:	07/29/2020 05:44 CTDOH,NELAC-NY10854,NJDEP,PADEP	07/29/2020 23:53	OW
108-60-1	Bis(2-chloroisopropyl)ether	ND		ug/kg dry	44.5	88.8	2	EPA 8270D Certifications:	07/29/2020 05:44 CTDOH,NELAC-NY10854,NJDEP,PADEP	07/29/2020 23:53	OW
117-81-7	Bis(2-ethylhexyl)phthalate	ND		ug/kg dry	44.5	88.8	2	EPA 8270D Certifications:	07/29/2020 05:44 CTDOH,NELAC-NY10854,NJDEP,PADEP	07/29/2020 23:53	OW
105-60-2	Caprolactam	ND		ug/kg dry	88.8	177	2	EPA 8270D Certifications:	07/29/2020 05:44 NELAC-NY10854,NJDEP,PADEP	07/29/2020 23:53	OW
86-74-8	Carbazole	ND		ug/kg dry	44.5	88.8	2	EPA 8270D Certifications:	07/29/2020 05:44 CTDOH,NELAC-NY10854,NJDEP,PADEP	07/29/2020 23:53	OW

Sample Information

Client Sample ID: B-6 (6-8) **York Sample ID:** 20G0909-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
20G0909	28-34 Pearl Street, Port Chester, New York	Soil	July 23, 2020 12:00 am	07/24/2020

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
218-01-9	**Chrysene**	**67.4**	J	ug/kg dry	44.5	88.8	2	EPA 8270D	07/29/2020 05:44	07/29/2020 23:53	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
53-70-3	Dibenzo(a,h)anthracene	ND		ug/kg dry	44.5	88.8	2	EPA 8270D	07/29/2020 05:44	07/29/2020 23:53	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
132-64-9	**Dibenzofuran**	**148**		ug/kg dry	44.5	88.8	2	EPA 8270D	07/29/2020 05:44	07/29/2020 23:53	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
84-66-2	Diethyl phthalate	ND		ug/kg dry	44.5	88.8	2	EPA 8270D	07/29/2020 05:44	07/29/2020 23:53	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
131-11-3	Dimethyl phthalate	ND		ug/kg dry	44.5	88.8	2	EPA 8270D	07/29/2020 05:44	07/29/2020 23:53	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
84-74-2	Di-n-butyl phthalate	ND		ug/kg dry	44.5	88.8	2	EPA 8270D	07/29/2020 05:44	07/29/2020 23:53	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
117-84-0	Di-n-octyl phthalate	ND		ug/kg dry	44.5	88.8	2	EPA 8270D	07/29/2020 05:44	07/29/2020 23:53	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
122-39-4	* Diphenylamine	ND		ug/kg dry	88.8	177	2	EPA 8270D	07/29/2020 05:44	07/29/2020 23:53	OW
								Certifications:			
206-44-0	**Fluoranthene**	**162**		ug/kg dry	44.5	88.8	2	EPA 8270D	07/29/2020 05:44	07/29/2020 23:53	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
86-73-7	**Fluorene**	**736**		ug/kg dry	44.5	88.8	2	EPA 8270D	07/29/2020 05:44	07/29/2020 23:53	OW
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
118-74-1	Hexachlorobenzene	ND		ug/kg dry	44.5	88.8	2	EPA 8270D	07/29/2020 05:44	07/29/2020 23:53	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
87-68-3	Hexachlorobutadiene	ND		ug/kg dry	44.5	88.8	2	EPA 8270D	07/29/2020 05:44	07/29/2020 23:53	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
77-47-4	Hexachlorocyclopentadiene	ND	CCV-L	ug/kg dry	44.5	88.8	2	EPA 8270D	07/29/2020 05:44	07/29/2020 23:53	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
67-72-1	Hexachloroethane	ND		ug/kg dry	44.5	88.8	2	EPA 8270D	07/29/2020 05:44	07/29/2020 23:53	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
193-39-5	Indeno(1,2,3-cd)pyrene	ND		ug/kg dry	44.5	88.8	2	EPA 8270D	07/29/2020 05:44	07/29/2020 23:53	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
78-59-1	Isophorone	ND		ug/kg dry	44.5	88.8	2	EPA 8270D	07/29/2020 05:44	07/29/2020 23:53	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
91-20-3	**Naphthalene**	**8700**		ug/kg dry	556	1110	25	EPA 8270D	07/29/2020 05:44	07/30/2020 12:49	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
98-95-3	Nitrobenzene	ND		ug/kg dry	44.5	88.8	2	EPA 8270D	07/29/2020 05:44	07/29/2020 23:53	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
62-75-9	N-Nitrosodimethylamine	ND		ug/kg dry	44.5	88.8	2	EPA 8270D	07/29/2020 05:44	07/29/2020 23:53	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
621-64-7	N-nitroso-di-n-propylamine	ND		ug/kg dry	44.5	88.8	2	EPA 8270D	07/29/2020 05:44	07/29/2020 23:53	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
86-30-6	N-Nitrosodiphenylamine	ND		ug/kg dry	44.5	88.8	2	EPA 8270D	07/29/2020 05:44	07/29/2020 23:53	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
87-86-5	Pentachlorophenol	ND		ug/kg dry	44.5	88.8	2	EPA 8270D	07/29/2020 05:44	07/29/2020 23:53	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
85-01-8	**Phenanthrene**	**1160**		ug/kg dry	44.5	88.8	2	EPA 8270D	07/29/2020 05:44	07/29/2020 23:53	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

Sample Information

Client Sample ID: B-6 (6-8) **York Sample ID:** 20G0909-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
20G0909	28-34 Pearl Street, Port Chester, New York	Soil	July 23, 2020 12:00 am	07/24/2020

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
108-95-2	Phenol	ND		ug/kg dry	44.5	88.8	2	EPA 8270D	07/29/2020 05:44	07/29/2020 23:53	OW
								Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
129-00-0	**Pyrene**	**328**		ug/kg dry	44.5	88.8	2	EPA 8270D	07/29/2020 05:44	07/29/2020 23:53	OW
								Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			

	Surrogate Recoveries	Result		Acceptance Range
367-12-4	*Surrogate: SURR: 2-Fluorophenol*	*55.8 %*		*20-108*
4165-62-2	*Surrogate: SURR: Phenol-d5*	*58.0 %*		*23-114*
4165-60-0	*Surrogate: SURR: Nitrobenzene-d5*	*154 %*	S-08	*22-108*
321-60-8	*Surrogate: SURR: 2-Fluorobiphenyl*	*75.5 %*		*21-113*
118-79-6	*Surrogate: SURR: 2,4,6-Tribromophenol*	*114 %*	S-08	*19-110*
1718-51-0	*Surrogate: SURR: Terphenyl-d14*	*108 %*		*24-116*

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	07/27/2020 08:06	07/27/2020 17:08	WJM
							Certifications: CTDOH			

Sample Information

Client Sample ID: B-7 (0-2) **York Sample ID:** 20G0909-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
20G0909	28-34 Pearl Street, Port Chester, New York	Soil	July 23, 2020 12:00 am	07/24/2020

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	5.4	1	EPA 8260C	07/27/2020 09:30	07/27/2020 17:24	SS
								Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP			
71-55-6	1,1,1-Trichloroethane	ND		ug/kg dry	2.7	5.4	1	EPA 8260C	07/27/2020 09:30	07/27/2020 17:24	SS
								Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP			
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/kg dry	2.7	5.4	1	EPA 8260C	07/27/2020 09:30	07/27/2020 17:24	SS
								Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP			
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/kg dry	2.7	5.4	1	EPA 8260C	07/27/2020 09:30	07/27/2020 17:24	SS
								Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP			
79-00-5	1,1,2-Trichloroethane	ND		ug/kg dry	2.7	5.4	1	EPA 8260C	07/27/2020 09:30	07/27/2020 17:24	SS
								Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP			

Sample Information

Client Sample ID: B-7 (0-2) **York Sample ID:** 20G0909-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
20G0909	28-34 Pearl Street, Port Chester, New York	Soil	July 23, 2020 12:00 am	07/24/2020

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
75-34-3	1,1-Dichloroethane	ND		ug/kg dry	2.7	5.4	1	EPA 8260C Certifications:	07/27/2020 09:30	07/27/2020 17:24 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	SS
75-35-4	1,1-Dichloroethylene	ND		ug/kg dry	2.7	5.4	1	EPA 8260C Certifications:	07/27/2020 09:30	07/27/2020 17:24 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	SS
87-61-6	1,2,3-Trichlorobenzene	ND		ug/kg dry	2.7	5.4	1	EPA 8260C Certifications:	07/27/2020 09:30	07/27/2020 17:24 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	SS
96-18-4	1,2,3-Trichloropropane	ND		ug/kg dry	2.7	5.4	1	EPA 8260C Certifications:	07/27/2020 09:30	07/27/2020 17:24 NELAC-NY10854,NELAC-NY12058,NJDEP	SS
120-82-1	1,2,4-Trichlorobenzene	ND		ug/kg dry	2.7	5.4	1	EPA 8260C Certifications:	07/27/2020 09:30	07/27/2020 17:24 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	SS
95-63-6	**1,2,4-Trimethylbenzene**	**35**		ug/kg dry	2.7	5.4	1	EPA 8260C Certifications:	07/27/2020 09:30	07/27/2020 17:24 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	SS
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/kg dry	2.7	5.4	1	EPA 8260C Certifications:	07/27/2020 09:30	07/27/2020 17:24 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	SS
106-93-4	1,2-Dibromoethane	ND		ug/kg dry	2.7	5.4	1	EPA 8260C Certifications:	07/27/2020 09:30	07/27/2020 17:24 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	SS
95-50-1	1,2-Dichlorobenzene	ND		ug/kg dry	2.7	5.4	1	EPA 8260C Certifications:	07/27/2020 09:30	07/27/2020 17:24 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	SS
107-06-2	1,2-Dichloroethane	ND		ug/kg dry	2.7	5.4	1	EPA 8260C Certifications:	07/27/2020 09:30	07/27/2020 17:24 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	SS
78-87-5	1,2-Dichloropropane	ND		ug/kg dry	2.7	5.4	1	EPA 8260C Certifications:	07/27/2020 09:30	07/27/2020 17:24 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	SS
108-67-8	**1,3,5-Trimethylbenzene**	**5.6**		ug/kg dry	2.7	5.4	1	EPA 8260C Certifications:	07/27/2020 09:30	07/27/2020 17:24 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	SS
541-73-1	1,3-Dichlorobenzene	ND		ug/kg dry	2.7	5.4	1	EPA 8260C Certifications:	07/27/2020 09:30	07/27/2020 17:24 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	SS
106-46-7	1,4-Dichlorobenzene	ND		ug/kg dry	2.7	5.4	1	EPA 8260C Certifications:	07/27/2020 09:30	07/27/2020 17:24 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	SS
123-91-1	1,4-Dioxane	ND		ug/kg dry	54	110	1	EPA 8260C Certifications:	07/27/2020 09:30	07/27/2020 17:24 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	SS
78-93-3	2-Butanone	ND		ug/kg dry	2.7	5.4	1	EPA 8260C Certifications:	07/27/2020 09:30	07/27/2020 17:24 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	SS
591-78-6	2-Hexanone	ND		ug/kg dry	2.7	5.4	1	EPA 8260C Certifications:	07/27/2020 09:30	07/27/2020 17:24 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	SS
108-10-1	4-Methyl-2-pentanone	ND		ug/kg dry	2.7	5.4	1	EPA 8260C Certifications:	07/27/2020 09:30	07/27/2020 17:24 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	SS
67-64-1	**Acetone**	**59**		ug/kg dry	5.4	11	1	EPA 8260C Certifications:	07/27/2020 09:30	07/27/2020 17:24 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	SS
107-02-8	Acrolein	ND		ug/kg dry	5.4	11	1	EPA 8260C Certifications:	07/27/2020 09:30	07/27/2020 17:24 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	SS
107-13-1	Acrylonitrile	ND		ug/kg dry	2.7	5.4	1	EPA 8260C Certifications:	07/27/2020 09:30	07/27/2020 17:24 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	SS
71-43-2	Benzene	ND		ug/kg dry	2.7	5.4	1	EPA 8260C Certifications:	07/27/2020 09:30	07/27/2020 17:24 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	SS
74-97-5	Bromochloromethane	ND		ug/kg dry	2.7	5.4	1	EPA 8260C Certifications:	07/27/2020 09:30	07/27/2020 17:24 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	SS

Sample Information

Client Sample ID: B-7 (0-2) **York Sample ID:** 20G0909-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
20G0909	28-34 Pearl Street, Port Chester, New York	Soil	July 23, 2020 12:00 am	07/24/2020

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
75-27-4	Bromodichloromethane	ND		ug/kg dry	2.7	5.4	1	EPA 8260C Certifications:	07/27/2020 09:30	07/27/2020 17:24	SS CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
75-25-2	Bromoform	ND		ug/kg dry	2.7	5.4	1	EPA 8260C Certifications:	07/27/2020 09:30	07/27/2020 17:24	SS CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
74-83-9	Bromomethane	ND		ug/kg dry	2.7	5.4	1	EPA 8260C Certifications:	07/27/2020 09:30	07/27/2020 17:24	SS CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
75-15-0	Carbon disulfide	ND		ug/kg dry	2.7	5.4	1	EPA 8260C Certifications:	07/27/2020 09:30	07/27/2020 17:24	SS CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
56-23-5	Carbon tetrachloride	ND		ug/kg dry	2.7	5.4	1	EPA 8260C Certifications:	07/27/2020 09:30	07/27/2020 17:24	SS CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
108-90-7	Chlorobenzene	ND		ug/kg dry	2.7	5.4	1	EPA 8260C Certifications:	07/27/2020 09:30	07/27/2020 17:24	SS CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
75-00-3	Chloroethane	ND		ug/kg dry	2.7	5.4	1	EPA 8260C Certifications:	07/27/2020 09:30	07/27/2020 17:24	SS CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
67-66-3	Chloroform	ND		ug/kg dry	2.7	5.4	1	EPA 8260C Certifications:	07/27/2020 09:30	07/27/2020 17:24	SS CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
74-87-3	Chloromethane	ND		ug/kg dry	2.7	5.4	1	EPA 8260C Certifications:	07/27/2020 09:30	07/27/2020 17:24	SS CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
156-59-2	cis-1,2-Dichloroethylene	ND		ug/kg dry	2.7	5.4	1	EPA 8260C Certifications:	07/27/2020 09:30	07/27/2020 17:24	SS CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/kg dry	2.7	5.4	1	EPA 8260C Certifications:	07/27/2020 09:30	07/27/2020 17:24	SS CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
110-82-7	Cyclohexane	ND		ug/kg dry	2.7	5.4	1	EPA 8260C Certifications:	07/27/2020 09:30	07/27/2020 17:24	SS NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
124-48-1	Dibromochloromethane	ND		ug/kg dry	2.7	5.4	1	EPA 8260C Certifications:	07/27/2020 09:30	07/27/2020 17:24	SS NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
74-95-3	Dibromomethane	ND		ug/kg dry	2.7	5.4	1	EPA 8260C Certifications:	07/27/2020 09:30	07/27/2020 17:24	SS NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
75-71-8	Dichlorodifluoromethane	ND		ug/kg dry	2.7	5.4	1	EPA 8260C Certifications:	07/27/2020 09:30	07/27/2020 17:24	SS NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
100-41-4	Ethyl Benzene	ND		ug/kg dry	2.7	5.4	1	EPA 8260C Certifications:	07/27/2020 09:30	07/27/2020 17:24	SS CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
87-68-3	Hexachlorobutadiene	ND		ug/kg dry	2.7	5.4	1	EPA 8260C Certifications:	07/27/2020 09:30	07/27/2020 17:24	SS NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
98-82-8	Isopropylbenzene	ND		ug/kg dry	2.7	5.4	1	EPA 8260C Certifications:	07/27/2020 09:30	07/27/2020 17:24	SS CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
79-20-9	Methyl acetate	ND		ug/kg dry	2.7	5.4	1	EPA 8260C Certifications:	07/27/2020 09:30	07/27/2020 17:24	SS NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/kg dry	2.7	5.4	1	EPA 8260C Certifications:	07/27/2020 09:30	07/27/2020 17:24	SS CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
108-87-2	Methylcyclohexane	ND		ug/kg dry	2.7	5.4	1	EPA 8260C Certifications:	07/27/2020 09:30	07/27/2020 17:24	SS NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
75-09-2	**Methylene chloride**	**20**		ug/kg dry	5.4	11	1	EPA 8260C Certifications:	07/27/2020 09:30	07/27/2020 17:24	SS CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
104-51-8	n-Butylbenzene	ND		ug/kg dry	2.7	5.4	1	EPA 8260C Certifications:	07/27/2020 09:30	07/27/2020 17:24	SS CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP

Sample Information

Client Sample ID: B-7 (0-2) **York Sample ID:** 20G0909-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
20G0909	28-34 Pearl Street, Port Chester, New York	Soil	July 23, 2020 12:00 am	07/24/2020

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
103-65-1	n-Propylbenzene	ND		ug/kg dry	2.7	5.4	1	EPA 8260C Certifications:	07/27/2020 09:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/27/2020 17:24	SS
95-47-6	o-Xylene	ND		ug/kg dry	2.7	5.4	1	EPA 8260C Certifications:	07/27/2020 09:30 CTDOH,NELAC-NY10854,NELAC-NY12058,PADEP	07/27/2020 17:24	SS
179601-23-1	p- & m- Xylenes	ND		ug/kg dry	5.4	11	1	EPA 8260C Certifications:	07/27/2020 09:30 CTDOH,NELAC-NY10854,NELAC-NY12058,PADEP	07/27/2020 17:24	SS
99-87-6	p-Isopropyltoluene	ND		ug/kg dry	2.7	5.4	1	EPA 8260C Certifications:	07/27/2020 09:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/27/2020 17:24	SS
135-98-8	sec-Butylbenzene	ND		ug/kg dry	2.7	5.4	1	EPA 8260C Certifications:	07/27/2020 09:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/27/2020 17:24	SS
100-42-5	Styrene	ND		ug/kg dry	2.7	5.4	1	EPA 8260C Certifications:	07/27/2020 09:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/27/2020 17:24	SS
75-65-0	tert-Butyl alcohol (TBA)	ND		ug/kg dry	2.7	5.4	1	EPA 8260C Certifications:	07/27/2020 09:30 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/27/2020 17:24	SS
98-06-6	tert-Butylbenzene	ND		ug/kg dry	2.7	5.4	1	EPA 8260C Certifications:	07/27/2020 09:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/27/2020 17:24	SS
127-18-4	Tetrachloroethylene	ND		ug/kg dry	2.7	5.4	1	EPA 8260C Certifications:	07/27/2020 09:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/27/2020 17:24	SS
108-88-3	Toluene	ND		ug/kg dry	2.7	5.4	1	EPA 8260C Certifications:	07/27/2020 09:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/27/2020 17:24	SS
156-60-5	trans-1,2-Dichloroethylene	ND		ug/kg dry	2.7	5.4	1	EPA 8260C Certifications:	07/27/2020 09:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/27/2020 17:24	SS
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/kg dry	2.7	5.4	1	EPA 8260C Certifications:	07/27/2020 09:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/27/2020 17:24	SS
110-57-6	* trans-1,4-dichloro-2-butene	ND		ug/kg dry	2.7	5.4	1	EPA 8260C Certifications:	07/27/2020 09:30 CTDOH	07/27/2020 17:24	SS
79-01-6	Trichloroethylene	ND		ug/kg dry	2.7	5.4	1	EPA 8260C Certifications:	07/27/2020 09:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/27/2020 17:24	SS
75-69-4	Trichlorofluoromethane	ND		ug/kg dry	2.7	5.4	1	EPA 8260C Certifications:	07/27/2020 09:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/27/2020 17:24	SS
75-01-4	Vinyl Chloride	ND		ug/kg dry	2.7	5.4	1	EPA 8260C Certifications:	07/27/2020 09:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/27/2020 17:24	SS
1330-20-7	Xylenes, Total	ND		ug/kg dry	8.2	16	1	EPA 8260C Certifications:	07/27/2020 09:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP	07/27/2020 17:24	SS

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: SURR: 1,2-Dichloroethane-d4*	*98.8 %*	*77-125*
2037-26-5	*Surrogate: SURR: Toluene-d8*	*96.0 %*	*85-120*
460-00-4	*Surrogate: SURR: p-Bromofluorobenzene*	*95.9 %*	*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

Sample Information

Client Sample ID: B-7 (0-2) **York Sample ID:** 20G0909-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
20G0909	28-34 Pearl Street, Port Chester, New York	Soil	July 23, 2020 12:00 am	07/24/2020

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	46.5	92.9	2	EPA 8270D Certifications:	07/29/2020 05:44 NELAC-NY10854,NJDEP,PADEP	07/30/2020 00:23	OW
95-94-3	1,2,4,5-Tetrachlorobenzene	ND		ug/kg dry	92.9	185	2	EPA 8270D Certifications:	07/29/2020 05:44 NELAC-NY10854,NJDEP,PADEP	07/30/2020 00:23	OW
120-82-1	1,2,4-Trichlorobenzene	ND		ug/kg dry	46.5	92.9	2	EPA 8270D Certifications:	07/29/2020 05:44 CTDOH,NELAC-NY10854,NJDEP,PADEP	07/30/2020 00:23	OW
95-50-1	1,2-Dichlorobenzene	ND		ug/kg dry	46.5	92.9	2	EPA 8270D Certifications:	07/29/2020 05:44 NELAC-NY10854,PADEP	07/30/2020 00:23	OW
122-66-7	1,2-Diphenylhydrazine (as Azobenzene)	ND		ug/kg dry	46.5	92.9	2	EPA 8270D Certifications:	07/29/2020 05:44 NELAC-NY10854,NJDEP,PADEP	07/30/2020 00:23	OW
541-73-1	1,3-Dichlorobenzene	ND		ug/kg dry	46.5	92.9	2	EPA 8270D Certifications:	07/29/2020 05:44 NELAC-NY10854,PADEP	07/30/2020 00:23	OW
106-46-7	1,4-Dichlorobenzene	ND		ug/kg dry	46.5	92.9	2	EPA 8270D Certifications:	07/29/2020 05:44 NELAC-NY10854,PADEP	07/30/2020 00:23	OW
58-90-2	2,3,4,6-Tetrachlorophenol	ND		ug/kg dry	92.9	185	2	EPA 8270D Certifications:	07/29/2020 05:44 NELAC-NY10854,NJDEP,PADEP	07/30/2020 00:23	OW
95-95-4	2,4,5-Trichlorophenol	ND		ug/kg dry	46.5	92.9	2	EPA 8270D Certifications:	07/29/2020 05:44 CTDOH,NELAC-NY10854,NJDEP,PADEP	07/30/2020 00:23	OW
88-06-2	2,4,6-Trichlorophenol	ND		ug/kg dry	46.5	92.9	2	EPA 8270D Certifications:	07/29/2020 05:44 CTDOH,NELAC-NY10854,NJDEP,PADEP	07/30/2020 00:23	OW
120-83-2	2,4-Dichlorophenol	ND		ug/kg dry	46.5	92.9	2	EPA 8270D Certifications:	07/29/2020 05:44 CTDOH,NELAC-NY10854,NJDEP,PADEP	07/30/2020 00:23	OW
105-67-9	2,4-Dimethylphenol	ND		ug/kg dry	46.5	92.9	2	EPA 8270D Certifications:	07/29/2020 05:44 CTDOH,NELAC-NY10854,NJDEP,PADEP	07/30/2020 00:23	OW
51-28-5	2,4-Dinitrophenol	ND		ug/kg dry	92.9	185	2	EPA 8270D Certifications:	07/29/2020 05:44 CTDOH,NELAC-NY10854,NJDEP,PADEP	07/30/2020 00:23	OW
121-14-2	2,4-Dinitrotoluene	ND		ug/kg dry	46.5	92.9	2	EPA 8270D Certifications:	07/29/2020 05:44 CTDOH,NELAC-NY10854,NJDEP,PADEP	07/30/2020 00:23	OW
606-20-2	2,6-Dinitrotoluene	ND		ug/kg dry	46.5	92.9	2	EPA 8270D Certifications:	07/29/2020 05:44 CTDOH,NELAC-NY10854,NJDEP,PADEP	07/30/2020 00:23	OW
91-58-7	2-Chloronaphthalene	ND		ug/kg dry	46.5	92.9	2	EPA 8270D Certifications:	07/29/2020 05:44 CTDOH,NELAC-NY10854,NJDEP,PADEP	07/30/2020 00:23	OW
95-57-8	2-Chlorophenol	ND		ug/kg dry	46.5	92.9	2	EPA 8270D Certifications:	07/29/2020 05:44 CTDOH,NELAC-NY10854,NJDEP,PADEP	07/30/2020 00:23	OW
91-57-6	2-Methylnaphthalene	ND		ug/kg dry	46.5	92.9	2	EPA 8270D Certifications:	07/29/2020 05:44 CTDOH,NELAC-NY10854,NJDEP,PADEP	07/30/2020 00:23	OW
95-48-7	2-Methylphenol	ND		ug/kg dry	46.5	92.9	2	EPA 8270D Certifications:	07/29/2020 05:44 CTDOH,NELAC-NY10854,NJDEP,PADEP	07/30/2020 00:23	OW
88-74-4	2-Nitroaniline	ND		ug/kg dry	92.9	185	2	EPA 8270D Certifications:	07/29/2020 05:44 CTDOH,NELAC-NY10854,NJDEP,PADEP	07/30/2020 00:23	OW
88-75-5	2-Nitrophenol	ND		ug/kg dry	46.5	92.9	2	EPA 8270D Certifications:	07/29/2020 05:44 CTDOH,NELAC-NY10854,NJDEP,PADEP	07/30/2020 00:23	OW
65794-96-9	3- & 4-Methylphenols	ND		ug/kg dry	46.5	92.9	2	EPA 8270D Certifications:	07/29/2020 05:44 CTDOH,NELAC-NY10854,NJDEP,PADEP	07/30/2020 00:23	OW
91-94-1	3,3-Dichlorobenzidine	ND		ug/kg dry	46.5	92.9	2	EPA 8270D Certifications:	07/29/2020 05:44 NELAC-NY10854,NJDEP,PADEP	07/30/2020 00:23	OW

Sample Information

Client Sample ID: B-7 (0-2) **York Sample ID:** 20G0909-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
20G0909	28-34 Pearl Street, Port Chester, New York	Soil	July 23, 2020 12:00 am	07/24/2020

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
99-09-2	3-Nitroaniline	ND		ug/kg dry	92.9	185	2	EPA 8270D Certifications:	07/29/2020 05:44 CTDOH,NELAC-NY10854,NJDEP,PADEP	07/30/2020 00:23	OW
534-52-1	4,6-Dinitro-2-methylphenol	ND		ug/kg dry	92.9	185	2	EPA 8270D Certifications:	07/29/2020 05:44 CTDOH,NELAC-NY10854,NJDEP,PADEP	07/30/2020 00:23	OW
101-55-3	4-Bromophenyl phenyl ether	ND		ug/kg dry	46.5	92.9	2	EPA 8270D Certifications:	07/29/2020 05:44 CTDOH,NELAC-NY10854,NJDEP,PADEP	07/30/2020 00:23	OW
59-50-7	4-Chloro-3-methylphenol	ND		ug/kg dry	46.5	92.9	2	EPA 8270D Certifications:	07/29/2020 05:44 CTDOH,NELAC-NY10854,NJDEP,PADEP	07/30/2020 00:23	OW
106-47-8	4-Chloroaniline	ND		ug/kg dry	46.5	92.9	2	EPA 8270D Certifications:	07/29/2020 05:44 CTDOH,NELAC-NY10854,NJDEP,PADEP	07/30/2020 00:23	OW
7005-72-3	4-Chlorophenyl phenyl ether	ND		ug/kg dry	46.5	92.9	2	EPA 8270D Certifications:	07/29/2020 05:44 CTDOH,NELAC-NY10854,NJDEP,PADEP	07/30/2020 00:23	OW
100-01-6	4-Nitroaniline	ND		ug/kg dry	92.9	185	2	EPA 8270D Certifications:	07/29/2020 05:44 CTDOH,NELAC-NY10854,NJDEP,PADEP	07/30/2020 00:23	OW
100-02-7	4-Nitrophenol	ND		ug/kg dry	92.9	185	2	EPA 8270D Certifications:	07/29/2020 05:44 CTDOH,NELAC-NY10854,NJDEP,PADEP	07/30/2020 00:23	OW
83-32-9	Acenaphthene	ND		ug/kg dry	46.5	92.9	2	EPA 8270D Certifications:	07/29/2020 05:44 CTDOH,NELAC-NY10854,NJDEP,PADEP	07/30/2020 00:23	OW
208-96-8	Acenaphthylene	ND		ug/kg dry	46.5	92.9	2	EPA 8270D Certifications:	07/29/2020 05:44 CTDOH,NELAC-NY10854,NJDEP,PADEP	07/30/2020 00:23	OW
98-86-2	Acetophenone	ND		ug/kg dry	46.5	92.9	2	EPA 8270D Certifications:	07/29/2020 05:44 NELAC-NY10854,NJDEP,PADEP	07/30/2020 00:23	OW
62-53-3	Aniline	ND		ug/kg dry	186	372	2	EPA 8270D Certifications:	07/29/2020 05:44 NELAC-NY10854,NJDEP,PADEP	07/30/2020 00:23	OW
120-12-7	Anthracene	ND		ug/kg dry	46.5	92.9	2	EPA 8270D Certifications:	07/29/2020 05:44 CTDOH,NELAC-NY10854,NJDEP,PADEP	07/30/2020 00:23	OW
1912-24-9	Atrazine	ND		ug/kg dry	46.5	92.9	2	EPA 8270D Certifications:	07/29/2020 05:44 NELAC-NY10854,NJDEP,PADEP	07/30/2020 00:23	OW
100-52-7	Benzaldehyde	ND		ug/kg dry	46.5	92.9	2	EPA 8270D Certifications:	07/29/2020 05:44 NELAC-NY10854,NJDEP,PADEP	07/30/2020 00:23	OW
92-87-5	Benzidine	ND	CCV-L	ug/kg dry	186	372	2	EPA 8270D Certifications:	07/29/2020 05:44 CTDOH,NELAC-NY10854,PADEP	07/30/2020 00:23	OW
56-55-3	**Benzo(a)anthracene**	**193**		ug/kg dry	46.5	92.9	2	EPA 8270D Certifications:	07/29/2020 05:44 CTDOH,NELAC-NY10854,NJDEP,PADEP	07/30/2020 00:23	OW
50-32-8	**Benzo(a)pyrene**	**223**		ug/kg dry	46.5	92.9	2	EPA 8270D Certifications:	07/29/2020 05:44 CTDOH,NELAC-NY10854,NJDEP,PADEP	07/30/2020 00:23	OW
205-99-2	**Benzo(b)fluoranthene**	**168**		ug/kg dry	46.5	92.9	2	EPA 8270D Certifications:	07/29/2020 05:44 CTDOH,NELAC-NY10854,NJDEP,PADEP	07/30/2020 00:23	OW
191-24-2	**Benzo(g,h,i)perylene**	**180**		ug/kg dry	46.5	92.9	2	EPA 8270D Certifications:	07/29/2020 05:44 CTDOH,NELAC-NY10854,NJDEP,PADEP	07/30/2020 00:23	OW
207-08-9	**Benzo(k)fluoranthene**	**157**		ug/kg dry	46.5	92.9	2	EPA 8270D Certifications:	07/29/2020 05:44 CTDOH,NELAC-NY10854,NJDEP,PADEP	07/30/2020 00:23	OW
65-85-0	Benzoic acid	ND		ug/kg dry	46.5	92.9	2	EPA 8270D Certifications:	07/29/2020 05:44 NELAC-NY10854,NJDEP,PADEP	07/30/2020 00:23	OW
100-51-6	Benzyl alcohol	ND		ug/kg dry	46.5	92.9	2	EPA 8270D Certifications:	07/29/2020 05:44 NELAC-NY10854,NJDEP,PADEP	07/30/2020 00:23	OW

Sample Information

Client Sample ID: B-7 (0-2) **York Sample ID:** 20G0909-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
20G0909	28-34 Pearl Street, Port Chester, New York	Soil	July 23, 2020 12:00 am	07/24/2020

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
85-68-7	Benzyl butyl phthalate	ND		ug/kg dry	46.5	92.9	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/29/2020 05:44	07/30/2020 00:23	OW
111-91-1	Bis(2-chloroethoxy)methane	ND		ug/kg dry	46.5	92.9	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/29/2020 05:44	07/30/2020 00:23	OW
111-44-4	Bis(2-chloroethyl)ether	ND		ug/kg dry	46.5	92.9	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/29/2020 05:44	07/30/2020 00:23	OW
108-60-1	Bis(2-chloroisopropyl)ether	ND		ug/kg dry	46.5	92.9	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/29/2020 05:44	07/30/2020 00:23	OW
117-81-7	**Bis(2-ethylhexyl)phthalate**	**111**		ug/kg dry	46.5	92.9	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/29/2020 05:44	07/30/2020 00:23	OW
105-60-2	Caprolactam	ND		ug/kg dry	92.9	185	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	07/29/2020 05:44	07/30/2020 00:23	OW
86-74-8	Carbazole	ND		ug/kg dry	46.5	92.9	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/29/2020 05:44	07/30/2020 00:23	OW
218-01-9	**Chrysene**	**186**		ug/kg dry	46.5	92.9	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/29/2020 05:44	07/30/2020 00:23	OW
53-70-3	**Dibenzo(a,h)anthracene**	**48.2**	J	ug/kg dry	46.5	92.9	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/29/2020 05:44	07/30/2020 00:23	OW
132-64-9	Dibenzofuran	ND		ug/kg dry	46.5	92.9	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/29/2020 05:44	07/30/2020 00:23	OW
84-66-2	Diethyl phthalate	ND		ug/kg dry	46.5	92.9	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/29/2020 05:44	07/30/2020 00:23	OW
131-11-3	Dimethyl phthalate	ND		ug/kg dry	46.5	92.9	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/29/2020 05:44	07/30/2020 00:23	OW
84-74-2	Di-n-butyl phthalate	ND		ug/kg dry	46.5	92.9	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/29/2020 05:44	07/30/2020 00:23	OW
117-84-0	Di-n-octyl phthalate	ND		ug/kg dry	46.5	92.9	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/29/2020 05:44	07/30/2020 00:23	OW
122-39-4	* Diphenylamine	ND		ug/kg dry	92.9	185	2	EPA 8270D Certifications:	07/29/2020 05:44	07/30/2020 00:23	OW
206-44-0	**Fluoranthene**	**229**		ug/kg dry	46.5	92.9	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/29/2020 05:44	07/30/2020 00:23	OW
86-73-7	Fluorene	ND		ug/kg dry	46.5	92.9	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	07/29/2020 05:44	07/30/2020 00:23	OW
118-74-1	Hexachlorobenzene	ND		ug/kg dry	46.5	92.9	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/29/2020 05:44	07/30/2020 00:23	OW
87-68-3	Hexachlorobutadiene	ND		ug/kg dry	46.5	92.9	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/29/2020 05:44	07/30/2020 00:23	OW
77-47-4	Hexachlorocyclopentadiene	ND	CCV-L	ug/kg dry	46.5	92.9	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/29/2020 05:44	07/30/2020 00:23	OW
67-72-1	Hexachloroethane	ND		ug/kg dry	46.5	92.9	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/29/2020 05:44	07/30/2020 00:23	OW
193-39-5	**Indeno(1,2,3-cd)pyrene**	**134**		ug/kg dry	46.5	92.9	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/29/2020 05:44	07/30/2020 00:23	OW
78-59-1	Isophorone	ND		ug/kg dry	46.5	92.9	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/29/2020 05:44	07/30/2020 00:23	OW

Sample Information

Client Sample ID: B-7 (0-2) **York Sample ID:** 20G0909-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
20G0909	28-34 Pearl Street, Port Chester, New York	Soil	July 23, 2020 12:00 am	07/24/2020

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
91-20-3	Naphthalene	ND		ug/kg dry	46.5	92.9	2	EPA 8270D Certifications:	07/29/2020 05:44 CTDOH,NELAC-NY10854,NJDEP,PADEP	07/30/2020 00:23	OW
98-95-3	Nitrobenzene	ND		ug/kg dry	46.5	92.9	2	EPA 8270D Certifications:	07/29/2020 05:44 CTDOH,NELAC-NY10854,NJDEP,PADEP	07/30/2020 00:23	OW
62-75-9	N-Nitrosodimethylamine	ND		ug/kg dry	46.5	92.9	2	EPA 8270D Certifications:	07/29/2020 05:44 CTDOH,NELAC-NY10854,NJDEP,PADEP	07/30/2020 00:23	OW
621-64-7	N-nitroso-di-n-propylamine	ND		ug/kg dry	46.5	92.9	2	EPA 8270D Certifications:	07/29/2020 05:44 CTDOH,NELAC-NY10854,NJDEP,PADEP	07/30/2020 00:23	OW
86-30-6	N-Nitrosodiphenylamine	ND		ug/kg dry	46.5	92.9	2	EPA 8270D Certifications:	07/29/2020 05:44 CTDOH,NELAC-NY10854,NJDEP,PADEP	07/30/2020 00:23	OW
87-86-5	Pentachlorophenol	ND		ug/kg dry	46.5	92.9	2	EPA 8270D Certifications:	07/29/2020 05:44 CTDOH,NELAC-NY10854,NJDEP,PADEP	07/30/2020 00:23	OW
85-01-8	**Phenanthrene**	**92.0**	J	ug/kg dry	46.5	92.9	2	EPA 8270D Certifications:	07/29/2020 05:44 CTDOH,NELAC-NY10854,NJDEP,PADEP	07/30/2020 00:23	OW
108-95-2	Phenol	ND		ug/kg dry	46.5	92.9	2	EPA 8270D Certifications:	07/29/2020 05:44 CTDOH,NELAC-NY10854,NJDEP,PADEP	07/30/2020 00:23	OW
129-00-0	**Pyrene**	**272**		ug/kg dry	46.5	92.9	2	EPA 8270D Certifications:	07/29/2020 05:44 CTDOH,NELAC-NY10854,NJDEP,PADEP	07/30/2020 00:23	OW

	Surrogate Recoveries	Result	Acceptance Range
367-12-4	*Surrogate: SURR: 2-Fluorophenol*	*52.0 %*	*20-108*
4165-62-2	*Surrogate: SURR: Phenol-d5*	*55.8 %*	*23-114*
4165-60-0	*Surrogate: SURR: Nitrobenzene-d5*	*72.1 %*	*22-108*
321-60-8	*Surrogate: SURR: 2-Fluorobiphenyl*	*61.8 %*	*21-113*
118-79-6	*Surrogate: SURR: 2,4,6-Tribromophenol*	*108 %*	*19-110*
1718-51-0	*Surrogate: SURR: Terphenyl-d14*	*108 %*	*24-116*

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	0.0185	1	EPA 8082A Certifications:	07/29/2020 05:57 NELAC-NY10854,CTDOH,NJDEP,PADEP	07/29/2020 21:37	BJ
11104-28-2	Aroclor 1221	ND		mg/kg dry	0.0185	1	EPA 8082A Certifications:	07/29/2020 05:57 NELAC-NY10854,CTDOH,NJDEP,PADEP	07/29/2020 21:37	BJ
11141-16-5	Aroclor 1232	ND		mg/kg dry	0.0185	1	EPA 8082A Certifications:	07/29/2020 05:57 NELAC-NY10854,CTDOH,NJDEP,PADEP	07/29/2020 21:37	BJ
53469-21-9	Aroclor 1242	ND		mg/kg dry	0.0185	1	EPA 8082A Certifications:	07/29/2020 05:57 NELAC-NY10854,CTDOH,NJDEP,PADEP	07/29/2020 21:37	BJ
12672-29-6	Aroclor 1248	ND		mg/kg dry	0.0185	1	EPA 8082A Certifications:	07/29/2020 05:57 NELAC-NY10854,CTDOH,NJDEP,PADEP	07/29/2020 21:37	BJ
11097-69-1	Aroclor 1254	ND		mg/kg dry	0.0185	1	EPA 8082A Certifications:	07/29/2020 05:57 NELAC-NY10854,CTDOH,NJDEP,PADEP	07/29/2020 21:37	BJ
11096-82-5	Aroclor 1260	ND		mg/kg dry	0.0185	1	EPA 8082A Certifications:	07/29/2020 05:57 NELAC-NY10854,CTDOH,NJDEP,PADEP	07/29/2020 21:37	BJ

Sample Information

Client Sample ID: B-7 (0-2) **York Sample ID:** 20G0909-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
20G0909	28-34 Pearl Street, Port Chester, New York	Soil	July 23, 2020 12:00 am	07/24/2020

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
1336-36-3	* Total PCBs	ND		mg/kg dry	0.0185	1	EPA 8082A Certifications:	07/29/2020 05:57	07/29/2020 21:37	BJ

	Surrogate Recoveries	Result	Acceptance Range
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*62.5 %*	*30-140*
2051-24-3	*Surrogate: Decachlorobiphenyl*	*63.5 %*	*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**	**19700**		mg/kg dry	5.59	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/27/2020 09:11	07/29/2020 15:07	KML
7440-36-0	Antimony	ND		mg/kg dry	2.79	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/27/2020 09:11	07/29/2020 15:07	KML
7440-38-2	**Arsenic**	**6.65**		mg/kg dry	1.68	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/27/2020 09:11	07/29/2020 15:07	KML
7440-39-3	**Barium**	**208**		mg/kg dry	2.79	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/27/2020 09:11	07/29/2020 15:07	KML
7440-41-7	Beryllium	ND		mg/kg dry	0.056	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/27/2020 09:11	07/29/2020 15:07	KML
7440-43-9	Cadmium	ND		mg/kg dry	0.335	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/27/2020 09:11	07/29/2020 15:07	KML
7440-70-2	**Calcium**	**3390**		mg/kg dry	5.59	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/27/2020 09:11	07/29/2020 15:07	KML
7440-47-3	**Chromium**	**29.2**		mg/kg dry	0.559	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/27/2020 09:11	07/29/2020 15:07	KML
7440-48-4	**Cobalt**	**11.8**		mg/kg dry	0.447	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/27/2020 09:11	07/29/2020 15:07	KML
7440-50-8	**Copper**	**46.0**	B	mg/kg dry	2.23	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/27/2020 09:11	07/29/2020 15:07	KML
7439-89-6	**Iron**	**23000**		mg/kg dry	27.9	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/27/2020 09:11	07/29/2020 15:07	KML
7439-92-1	**Lead**	**406**		mg/kg dry	0.559	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/27/2020 09:11	07/29/2020 15:07	KML
7439-95-4	**Magnesium**	**4030**		mg/kg dry	5.59	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/27/2020 09:11	07/29/2020 15:07	KML
7439-96-5	**Manganese**	**401**		mg/kg dry	0.559	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/27/2020 09:11	07/29/2020 15:07	KML
7440-02-0	**Nickel**	**27.5**		mg/kg dry	1.12	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/27/2020 09:11	07/29/2020 15:07	KML
7440-09-7	**Potassium**	**1690**		mg/kg dry	5.59	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/27/2020 09:11	07/29/2020 15:07	KML

Sample Information

Client Sample ID: B-7 (0-2) **York Sample ID:** 20G0909-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
20G0909	28-34 Pearl Street, Port Chester, New York	Soil	July 23, 2020 12:00 am	07/24/2020

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
7782-49-2	Selenium	ND		mg/kg dry	2.79	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/27/2020 09:11	07/29/2020 15:07	KML
7440-22-4	Silver	ND		mg/kg dry	0.559	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/27/2020 09:11	07/29/2020 15:07	KML
7440-23-5	**Sodium**	**137**		mg/kg dry	55.9	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/27/2020 09:11	07/29/2020 15:07	KML
7440-28-0	Thallium	ND		mg/kg dry	2.79	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/27/2020 09:11	07/29/2020 15:07	KML
7440-62-2	**Vanadium**	**37.9**		mg/kg dry	1.12	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/27/2020 09:11	07/29/2020 15:07	KML
7440-66-6	**Zinc**	**257**		mg/kg dry	2.79	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/27/2020 09:11	07/29/2020 15:07	KML

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**	**1.40**		mg/kg dry	0.0335	1	EPA 7473 Certifications: CTDOH,NJDEP,NELAC-NY10854,PADEP	07/27/2020 10:20	07/27/2020 10:47	SY

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**	**89.5**		%	0.100	1	SM 2540G Certifications: CTDOH	07/27/2020 08:06	07/27/2020 17:08	WJM

Sample Information

Client Sample ID: B-7 (7-9) **York Sample ID:** 20G0909-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
20G0909	28-34 Pearl Street, Port Chester, New York	Soil	July 23, 2020 12:00 am	07/24/2020

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: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/27/2020 09:30	07/27/2020 17:49	SS

Sample Information

Client Sample ID: B-7 (7-9) **York Sample ID:** 20G0909-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
20G0909	28-34 Pearl Street, Port Chester, New York	Soil	July 23, 2020 12:00 am	07/24/2020

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
71-55-6	1,1,1-Trichloroethane	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications:	07/27/2020 09:30	07/27/2020 17:49 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	SS
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications:	07/27/2020 09:30	07/27/2020 17:49 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	SS
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:	07/27/2020 09:30	07/27/2020 17:49 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP	SS
79-00-5	1,1,2-Trichloroethane	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications:	07/27/2020 09:30	07/27/2020 17:49 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	SS
75-34-3	1,1-Dichloroethane	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications:	07/27/2020 09:30	07/27/2020 17:49 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	SS
75-35-4	1,1-Dichloroethylene	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications:	07/27/2020 09:30	07/27/2020 17:49 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	SS
87-61-6	1,2,3-Trichlorobenzene	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications:	07/27/2020 09:30	07/27/2020 17:49 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	SS
96-18-4	1,2,3-Trichloropropane	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications:	07/27/2020 09:30	07/27/2020 17:49 NELAC-NY10854,NELAC-NY12058,NJDEP	SS
120-82-1	1,2,4-Trichlorobenzene	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications:	07/27/2020 09:30	07/27/2020 17:49 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	SS
95-63-6	**1,2,4-Trimethylbenzene**	**13**		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications:	07/27/2020 09:30	07/27/2020 17:49 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	SS
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications:	07/27/2020 09:30	07/27/2020 17:49 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	SS
106-93-4	1,2-Dibromoethane	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications:	07/27/2020 09:30	07/27/2020 17:49 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	SS
95-50-1	1,2-Dichlorobenzene	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications:	07/27/2020 09:30	07/27/2020 17:49 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	SS
107-06-2	1,2-Dichloroethane	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications:	07/27/2020 09:30	07/27/2020 17:49 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	SS
78-87-5	1,2-Dichloropropane	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications:	07/27/2020 09:30	07/27/2020 17:49 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	SS
108-67-8	**1,3,5-Trimethylbenzene**	**3.0**	J	ug/kg dry	2.6	5.2	1	EPA 8260C Certifications:	07/27/2020 09:30	07/27/2020 17:49 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	SS
541-73-1	1,3-Dichlorobenzene	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications:	07/27/2020 09:30	07/27/2020 17:49 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	SS
106-46-7	1,4-Dichlorobenzene	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications:	07/27/2020 09:30	07/27/2020 17:49 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	SS
123-91-1	1,4-Dioxane	ND		ug/kg dry	52	100	1	EPA 8260C Certifications:	07/27/2020 09:30	07/27/2020 17:49 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	SS
78-93-3	2-Butanone	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications:	07/27/2020 09:30	07/27/2020 17:49 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	SS
591-78-6	2-Hexanone	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications:	07/27/2020 09:30	07/27/2020 17:49 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	SS
108-10-1	4-Methyl-2-pentanone	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications:	07/27/2020 09:30	07/27/2020 17:49 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	SS
67-64-1	**Acetone**	**66**		ug/kg dry	5.2	10	1	EPA 8260C Certifications:	07/27/2020 09:30	07/27/2020 17:49 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	SS

Sample Information

Client Sample ID: B-7 (7-9) **York Sample ID:** 20G0909-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
20G0909	28-34 Pearl Street, Port Chester, New York	Soil	July 23, 2020 12:00 am	07/24/2020

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
107-02-8	Acrolein	ND		ug/kg dry	5.2	10	1	EPA 8260C Certifications:	07/27/2020 09:30	07/27/2020 17:49	SS CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
107-13-1	Acrylonitrile	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications:	07/27/2020 09:30	07/27/2020 17:49	SS CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
71-43-2	Benzene	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications:	07/27/2020 09:30	07/27/2020 17:49	SS CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
74-97-5	Bromochloromethane	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications:	07/27/2020 09:30	07/27/2020 17:49	SS NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
75-27-4	Bromodichloromethane	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications:	07/27/2020 09:30	07/27/2020 17:49	SS CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
75-25-2	Bromoform	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications:	07/27/2020 09:30	07/27/2020 17:49	SS CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
74-83-9	Bromomethane	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications:	07/27/2020 09:30	07/27/2020 17:49	SS CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
75-15-0	Carbon disulfide	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications:	07/27/2020 09:30	07/27/2020 17:49	SS CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
56-23-5	Carbon tetrachloride	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications:	07/27/2020 09:30	07/27/2020 17:49	SS CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
108-90-7	Chlorobenzene	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications:	07/27/2020 09:30	07/27/2020 17:49	SS CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
75-00-3	Chloroethane	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications:	07/27/2020 09:30	07/27/2020 17:49	SS CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
67-66-3	Chloroform	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications:	07/27/2020 09:30	07/27/2020 17:49	SS CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
74-87-3	Chloromethane	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications:	07/27/2020 09:30	07/27/2020 17:49	SS CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
156-59-2	cis-1,2-Dichloroethylene	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications:	07/27/2020 09:30	07/27/2020 17:49	SS CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications:	07/27/2020 09:30	07/27/2020 17:49	SS CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
110-82-7	Cyclohexane	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications:	07/27/2020 09:30	07/27/2020 17:49	SS NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
124-48-1	Dibromochloromethane	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications:	07/27/2020 09:30	07/27/2020 17:49	SS NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
74-95-3	Dibromomethane	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications:	07/27/2020 09:30	07/27/2020 17:49	SS NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
75-71-8	Dichlorodifluoromethane	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications:	07/27/2020 09:30	07/27/2020 17:49	SS NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
100-41-4	Ethyl Benzene	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications:	07/27/2020 09:30	07/27/2020 17:49	SS CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
87-68-3	Hexachlorobutadiene	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications:	07/27/2020 09:30	07/27/2020 17:49	SS NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
98-82-8	Isopropylbenzene	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications:	07/27/2020 09:30	07/27/2020 17:49	SS CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
79-20-9	Methyl acetate	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications:	07/27/2020 09:30	07/27/2020 17:49	SS NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP

Sample Information

Client Sample ID: B-7 (7-9) **York Sample ID:** 20G0909-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
20G0909	28-34 Pearl Street, Port Chester, New York	Soil	July 23, 2020 12:00 am	07/24/2020

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
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications:	07/27/2020 09:30	07/27/2020 17:49	SS CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
108-87-2	Methylcyclohexane	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications:	07/27/2020 09:30	07/27/2020 17:49	SS NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
75-09-2	**Methylene chloride**	**26**		ug/kg dry	5.2	10	1	EPA 8260C Certifications:	07/27/2020 09:30	07/27/2020 17:49	SS CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
104-51-8	n-Butylbenzene	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications:	07/27/2020 09:30	07/27/2020 17:49	SS CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
103-65-1	n-Propylbenzene	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications:	07/27/2020 09:30	07/27/2020 17:49	SS CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
95-47-6	o-Xylene	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications:	07/27/2020 09:30	07/27/2020 17:49	SS CTDOH,NELAC-NY10854,NELAC-NY12058,PADEP
179601-23-1	p- & m- Xylenes	ND		ug/kg dry	5.2	10	1	EPA 8260C Certifications:	07/27/2020 09:30	07/27/2020 17:49	SS CTDOH,NELAC-NY10854,NELAC-NY12058,PADEP
99-87-6	p-Isopropyltoluene	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications:	07/27/2020 09:30	07/27/2020 17:49	SS CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
135-98-8	sec-Butylbenzene	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications:	07/27/2020 09:30	07/27/2020 17:49	SS CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
100-42-5	Styrene	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications:	07/27/2020 09:30	07/27/2020 17:49	SS CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
75-65-0	tert-Butyl alcohol (TBA)	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications:	07/27/2020 09:30	07/27/2020 17:49	SS NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
98-06-6	tert-Butylbenzene	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications:	07/27/2020 09:30	07/27/2020 17:49	SS CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
127-18-4	Tetrachloroethylene	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications:	07/27/2020 09:30	07/27/2020 17:49	SS CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
108-88-3	Toluene	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications:	07/27/2020 09:30	07/27/2020 17:49	SS CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
156-60-5	trans-1,2-Dichloroethylene	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications:	07/27/2020 09:30	07/27/2020 17:49	SS CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications:	07/27/2020 09:30	07/27/2020 17:49	SS CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
110-57-6	* trans-1,4-dichloro-2-butene	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications:	07/27/2020 09:30	07/27/2020 17:49	SS CTDOH
79-01-6	Trichloroethylene	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications:	07/27/2020 09:30	07/27/2020 17:49	SS CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
75-69-4	Trichlorofluoromethane	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications:	07/27/2020 09:30	07/27/2020 17:49	SS CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
75-01-4	Vinyl Chloride	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications:	07/27/2020 09:30	07/27/2020 17:49	SS CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
1330-20-7	Xylenes, Total	ND		ug/kg dry	7.8	16	1	EPA 8260C Certifications:	07/27/2020 09:30	07/27/2020 17:49	SS CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: SURR: 1,2-Dichloroethane-d4*	*101 %*	*77-125*
2037-26-5	*Surrogate: SURR: Toluene-d8*	*96.8 %*	*85-120*

Sample Information

Client Sample ID: B-7 (7-9) **York Sample ID:** 20G0909-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
20G0909	28-34 Pearl Street, Port Chester, New York	Soil	July 23, 2020 12:00 am	07/24/2020

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
460-00-4	*Surrogate: SURR: p-Bromofluorobenzene*	*96.3 %*			*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	44.4	88.6	2	EPA 8270D Certifications:	07/29/2020 05:44 NELAC-NY10854,NJDEP,PADEP	07/30/2020 12:19	OW
95-94-3	1,2,4,5-Tetrachlorobenzene	ND		ug/kg dry	88.6	177	2	EPA 8270D Certifications:	07/29/2020 05:44 NELAC-NY10854,NJDEP,PADEP	07/30/2020 12:19	OW
120-82-1	1,2,4-Trichlorobenzene	ND		ug/kg dry	44.4	88.6	2	EPA 8270D Certifications:	07/29/2020 05:44 CTDOH,NELAC-NY10854,NJDEP,PADEP	07/30/2020 12:19	OW
95-50-1	1,2-Dichlorobenzene	ND		ug/kg dry	44.4	88.6	2	EPA 8270D Certifications:	07/29/2020 05:44 NELAC-NY10854,PADEP	07/30/2020 12:19	OW
122-66-7	1,2-Diphenylhydrazine (as Azobenzene)	ND		ug/kg dry	44.4	88.6	2	EPA 8270D Certifications:	07/29/2020 05:44 NELAC-NY10854,NJDEP,PADEP	07/30/2020 12:19	OW
541-73-1	1,3-Dichlorobenzene	ND		ug/kg dry	44.4	88.6	2	EPA 8270D Certifications:	07/29/2020 05:44 NELAC-NY10854,PADEP	07/30/2020 12:19	OW
106-46-7	1,4-Dichlorobenzene	ND		ug/kg dry	44.4	88.6	2	EPA 8270D Certifications:	07/29/2020 05:44 NELAC-NY10854,PADEP	07/30/2020 12:19	OW
58-90-2	2,3,4,6-Tetrachlorophenol	ND		ug/kg dry	88.6	177	2	EPA 8270D Certifications:	07/29/2020 05:44 NELAC-NY10854,NJDEP,PADEP	07/30/2020 12:19	OW
95-95-4	2,4,5-Trichlorophenol	ND		ug/kg dry	44.4	88.6	2	EPA 8270D Certifications:	07/29/2020 05:44 CTDOH,NELAC-NY10854,NJDEP,PADEP	07/30/2020 12:19	OW
88-06-2	2,4,6-Trichlorophenol	ND		ug/kg dry	44.4	88.6	2	EPA 8270D Certifications:	07/29/2020 05:44 CTDOH,NELAC-NY10854,NJDEP,PADEP	07/30/2020 12:19	OW
120-83-2	2,4-Dichlorophenol	ND		ug/kg dry	44.4	88.6	2	EPA 8270D Certifications:	07/29/2020 05:44 CTDOH,NELAC-NY10854,NJDEP,PADEP	07/30/2020 12:19	OW
105-67-9	2,4-Dimethylphenol	ND		ug/kg dry	44.4	88.6	2	EPA 8270D Certifications:	07/29/2020 05:44 CTDOH,NELAC-NY10854,NJDEP,PADEP	07/30/2020 12:19	OW
51-28-5	2,4-Dinitrophenol	ND		ug/kg dry	88.6	177	2	EPA 8270D Certifications:	07/29/2020 05:44 CTDOH,NELAC-NY10854,NJDEP,PADEP	07/30/2020 12:19	OW
121-14-2	2,4-Dinitrotoluene	ND		ug/kg dry	44.4	88.6	2	EPA 8270D Certifications:	07/29/2020 05:44 CTDOH,NELAC-NY10854,NJDEP,PADEP	07/30/2020 12:19	OW
606-20-2	2,6-Dinitrotoluene	ND		ug/kg dry	44.4	88.6	2	EPA 8270D Certifications:	07/29/2020 05:44 CTDOH,NELAC-NY10854,NJDEP,PADEP	07/30/2020 12:19	OW
91-58-7	2-Chloronaphthalene	ND		ug/kg dry	44.4	88.6	2	EPA 8270D Certifications:	07/29/2020 05:44 CTDOH,NELAC-NY10854,NJDEP,PADEP	07/30/2020 12:19	OW
95-57-8	2-Chlorophenol	ND		ug/kg dry	44.4	88.6	2	EPA 8270D Certifications:	07/29/2020 05:44 CTDOH,NELAC-NY10854,NJDEP,PADEP	07/30/2020 12:19	OW
91-57-6	2-Methylnaphthalene	ND		ug/kg dry	44.4	88.6	2	EPA 8270D Certifications:	07/29/2020 05:44 CTDOH,NELAC-NY10854,NJDEP,PADEP	07/30/2020 12:19	OW
95-48-7	2-Methylphenol	ND		ug/kg dry	44.4	88.6	2	EPA 8270D Certifications:	07/29/2020 05:44 CTDOH,NELAC-NY10854,NJDEP,PADEP	07/30/2020 12:19	OW

Sample Information

Client Sample ID: B-7 (7-9) **York Sample ID:** 20G0909-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
20G0909	28-34 Pearl Street, Port Chester, New York	Soil	July 23, 2020 12:00 am	07/24/2020

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	88.6	177	2	EPA 8270D Certifications:	07/29/2020 05:44 CTDOH,NELAC-NY10854,NJDEP,PADEP	07/30/2020 12:19	OW
88-75-5	2-Nitrophenol	ND		ug/kg dry	44.4	88.6	2	EPA 8270D Certifications:	07/29/2020 05:44 CTDOH,NELAC-NY10854,NJDEP,PADEP	07/30/2020 12:19	OW
65794-96-9	3- & 4-Methylphenols	ND		ug/kg dry	44.4	88.6	2	EPA 8270D Certifications:	07/29/2020 05:44 CTDOH,NELAC-NY10854,NJDEP,PADEP	07/30/2020 12:19	OW
91-94-1	3,3-Dichlorobenzidine	ND		ug/kg dry	44.4	88.6	2	EPA 8270D Certifications:	07/29/2020 05:44 NELAC-NY10854,NJDEP,PADEP	07/30/2020 12:19	OW
99-09-2	3-Nitroaniline	ND		ug/kg dry	88.6	177	2	EPA 8270D Certifications:	07/29/2020 05:44 CTDOH,NELAC-NY10854,NJDEP,PADEP	07/30/2020 12:19	OW
534-52-1	4,6-Dinitro-2-methylphenol	ND		ug/kg dry	88.6	177	2	EPA 8270D Certifications:	07/29/2020 05:44 CTDOH,NELAC-NY10854,NJDEP,PADEP	07/30/2020 12:19	OW
101-55-3	4-Bromophenyl phenyl ether	ND		ug/kg dry	44.4	88.6	2	EPA 8270D Certifications:	07/29/2020 05:44 CTDOH,NELAC-NY10854,NJDEP,PADEP	07/30/2020 12:19	OW
59-50-7	4-Chloro-3-methylphenol	ND		ug/kg dry	44.4	88.6	2	EPA 8270D Certifications:	07/29/2020 05:44 CTDOH,NELAC-NY10854,NJDEP,PADEP	07/30/2020 12:19	OW
106-47-8	4-Chloroaniline	ND		ug/kg dry	44.4	88.6	2	EPA 8270D Certifications:	07/29/2020 05:44 CTDOH,NELAC-NY10854,NJDEP,PADEP	07/30/2020 12:19	OW
7005-72-3	4-Chlorophenyl phenyl ether	ND		ug/kg dry	44.4	88.6	2	EPA 8270D Certifications:	07/29/2020 05:44 CTDOH,NELAC-NY10854,NJDEP,PADEP	07/30/2020 12:19	OW
100-01-6	4-Nitroaniline	ND		ug/kg dry	88.6	177	2	EPA 8270D Certifications:	07/29/2020 05:44 CTDOH,NELAC-NY10854,NJDEP,PADEP	07/30/2020 12:19	OW
100-02-7	4-Nitrophenol	ND		ug/kg dry	88.6	177	2	EPA 8270D Certifications:	07/29/2020 05:44 CTDOH,NELAC-NY10854,NJDEP,PADEP	07/30/2020 12:19	OW
83-32-9	Acenaphthene	ND		ug/kg dry	44.4	88.6	2	EPA 8270D Certifications:	07/29/2020 05:44 CTDOH,NELAC-NY10854,NJDEP,PADEP	07/30/2020 12:19	OW
208-96-8	Acenaphthylene	ND		ug/kg dry	44.4	88.6	2	EPA 8270D Certifications:	07/29/2020 05:44 CTDOH,NELAC-NY10854,NJDEP,PADEP	07/30/2020 12:19	OW
98-86-2	Acetophenone	ND		ug/kg dry	44.4	88.6	2	EPA 8270D Certifications:	07/29/2020 05:44 NELAC-NY10854,NJDEP,PADEP	07/30/2020 12:19	OW
62-53-3	Aniline	ND		ug/kg dry	177	355	2	EPA 8270D Certifications:	07/29/2020 05:44 NELAC-NY10854,NJDEP,PADEP	07/30/2020 12:19	OW
120-12-7	Anthracene	ND		ug/kg dry	44.4	88.6	2	EPA 8270D Certifications:	07/29/2020 05:44 CTDOH,NELAC-NY10854,NJDEP,PADEP	07/30/2020 12:19	OW
1912-24-9	Atrazine	ND		ug/kg dry	44.4	88.6	2	EPA 8270D Certifications:	07/29/2020 05:44 NELAC-NY10854,NJDEP,PADEP	07/30/2020 12:19	OW
100-52-7	Benzaldehyde	ND	CCV-L	ug/kg dry	44.4	88.6	2	EPA 8270D Certifications:	07/29/2020 05:44 NELAC-NY10854,NJDEP,PADEP	07/30/2020 12:19	OW
92-87-5	Benzidine	ND	CCV-L	ug/kg dry	177	355	2	EPA 8270D Certifications:	07/29/2020 05:44 CTDOH,NELAC-NY10854,PADEP	07/30/2020 12:19	OW
56-55-3	Benzo(a)anthracene	ND		ug/kg dry	44.4	88.6	2	EPA 8270D Certifications:	07/29/2020 05:44 CTDOH,NELAC-NY10854,NJDEP,PADEP	07/30/2020 12:19	OW
50-32-8	Benzo(a)pyrene	ND		ug/kg dry	44.4	88.6	2	EPA 8270D Certifications:	07/29/2020 05:44 CTDOH,NELAC-NY10854,NJDEP,PADEP	07/30/2020 12:19	OW
205-99-2	Benzo(b)fluoranthene	ND		ug/kg dry	44.4	88.6	2	EPA 8270D Certifications:	07/29/2020 05:44 CTDOH,NELAC-NY10854,NJDEP,PADEP	07/30/2020 12:19	OW

Sample Information

Client Sample ID: B-7 (7-9) **York Sample ID:** 20G0909-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
20G0909	28-34 Pearl Street, Port Chester, New York	Soil	July 23, 2020 12:00 am	07/24/2020

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**	**71.5**	J	ug/kg dry	44.4	88.6	2	EPA 8270D	07/29/2020 05:44	07/30/2020 12:19	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
207-08-9	Benzo(k)fluoranthene	ND		ug/kg dry	44.4	88.6	2	EPA 8270D	07/29/2020 05:44	07/30/2020 12:19	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
65-85-0	Benzoic acid	ND		ug/kg dry	44.4	88.6	2	EPA 8270D	07/29/2020 05:44	07/30/2020 12:19	OW
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
100-51-6	Benzyl alcohol	ND		ug/kg dry	44.4	88.6	2	EPA 8270D	07/29/2020 05:44	07/30/2020 12:19	OW
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
85-68-7	Benzyl butyl phthalate	ND		ug/kg dry	44.4	88.6	2	EPA 8270D	07/29/2020 05:44	07/30/2020 12:19	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
111-91-1	Bis(2-chloroethoxy)methane	ND		ug/kg dry	44.4	88.6	2	EPA 8270D	07/29/2020 05:44	07/30/2020 12:19	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
111-44-4	Bis(2-chloroethyl)ether	ND		ug/kg dry	44.4	88.6	2	EPA 8270D	07/29/2020 05:44	07/30/2020 12:19	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
108-60-1	Bis(2-chloroisopropyl)ether	ND		ug/kg dry	44.4	88.6	2	EPA 8270D	07/29/2020 05:44	07/30/2020 12:19	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
117-81-7	**Bis(2-ethylhexyl)phthalate**	**51.0**	J	ug/kg dry	44.4	88.6	2	EPA 8270D	07/29/2020 05:44	07/30/2020 12:19	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
105-60-2	Caprolactam	ND		ug/kg dry	88.6	177	2	EPA 8270D	07/29/2020 05:44	07/30/2020 12:19	OW
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
86-74-8	Carbazole	ND		ug/kg dry	44.4	88.6	2	EPA 8270D	07/29/2020 05:44	07/30/2020 12:19	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
218-01-9	Chrysene	ND		ug/kg dry	44.4	88.6	2	EPA 8270D	07/29/2020 05:44	07/30/2020 12:19	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
53-70-3	Dibenzo(a,h)anthracene	ND		ug/kg dry	44.4	88.6	2	EPA 8270D	07/29/2020 05:44	07/30/2020 12:19	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
132-64-9	Dibenzofuran	ND		ug/kg dry	44.4	88.6	2	EPA 8270D	07/29/2020 05:44	07/30/2020 12:19	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
84-66-2	Diethyl phthalate	ND		ug/kg dry	44.4	88.6	2	EPA 8270D	07/29/2020 05:44	07/30/2020 12:19	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
131-11-3	Dimethyl phthalate	ND		ug/kg dry	44.4	88.6	2	EPA 8270D	07/29/2020 05:44	07/30/2020 12:19	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
84-74-2	**Di-n-butyl phthalate**	**63.0**	J	ug/kg dry	44.4	88.6	2	EPA 8270D	07/29/2020 05:44	07/30/2020 12:19	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
117-84-0	Di-n-octyl phthalate	ND		ug/kg dry	44.4	88.6	2	EPA 8270D	07/29/2020 05:44	07/30/2020 12:19	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
122-39-4	* Diphenylamine	ND		ug/kg dry	88.6	177	2	EPA 8270D	07/29/2020 05:44	07/30/2020 12:19	OW
								Certifications:			
206-44-0	Fluoranthene	ND		ug/kg dry	44.4	88.6	2	EPA 8270D	07/29/2020 05:44	07/30/2020 12:19	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
86-73-7	Fluorene	ND		ug/kg dry	44.4	88.6	2	EPA 8270D	07/29/2020 05:44	07/30/2020 12:19	OW
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
118-74-1	Hexachlorobenzene	ND		ug/kg dry	44.4	88.6	2	EPA 8270D	07/29/2020 05:44	07/30/2020 12:19	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
87-68-3	Hexachlorobutadiene	ND		ug/kg dry	44.4	88.6	2	EPA 8270D	07/29/2020 05:44	07/30/2020 12:19	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

Sample Information

Client Sample ID: B-7 (7-9) **York Sample ID:** 20G0909-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
20G0909	28-34 Pearl Street, Port Chester, New York	Soil	July 23, 2020 12:00 am	07/24/2020

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	CCV-L	ug/kg dry	44.4	88.6	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/29/2020 05:44	07/30/2020 12:19	OW
67-72-1	Hexachloroethane	ND		ug/kg dry	44.4	88.6	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/29/2020 05:44	07/30/2020 12:19	OW
193-39-5	Indeno(1,2,3-cd)pyrene	ND		ug/kg dry	44.4	88.6	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/29/2020 05:44	07/30/2020 12:19	OW
78-59-1	Isophorone	ND		ug/kg dry	44.4	88.6	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/29/2020 05:44	07/30/2020 12:19	OW
91-20-3	Naphthalene	ND		ug/kg dry	44.4	88.6	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/29/2020 05:44	07/30/2020 12:19	OW
98-95-3	Nitrobenzene	ND		ug/kg dry	44.4	88.6	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/29/2020 05:44	07/30/2020 12:19	OW
62-75-9	N-Nitrosodimethylamine	ND		ug/kg dry	44.4	88.6	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/29/2020 05:44	07/30/2020 12:19	OW
621-64-7	N-nitroso-di-n-propylamine	ND		ug/kg dry	44.4	88.6	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/29/2020 05:44	07/30/2020 12:19	OW
86-30-6	N-Nitrosodiphenylamine	ND		ug/kg dry	44.4	88.6	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/29/2020 05:44	07/30/2020 12:19	OW
87-86-5	Pentachlorophenol	ND		ug/kg dry	44.4	88.6	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/29/2020 05:44	07/30/2020 12:19	OW
85-01-8	Phenanthrene	ND		ug/kg dry	44.4	88.6	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/29/2020 05:44	07/30/2020 12:19	OW
108-95-2	Phenol	ND		ug/kg dry	44.4	88.6	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/29/2020 05:44	07/30/2020 12:19	OW
129-00-0	Pyrene	ND		ug/kg dry	44.4	88.6	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/29/2020 05:44	07/30/2020 12:19	OW

	Surrogate Recoveries	Result	Acceptance Range
367-12-4	*Surrogate: SURR: 2-Fluorophenol*	*63.4 %*	*20-108*
4165-62-2	*Surrogate: SURR: Phenol-d5*	*66.4 %*	*23-114*
4165-60-0	*Surrogate: SURR: Nitrobenzene-d5*	*87.0 %*	*22-108*
321-60-8	*Surrogate: SURR: 2-Fluorobiphenyl*	*71.2 %*	*21-113*
118-79-6	*Surrogate: SURR: 2,4,6-Tribromophenol*	*109 %*	*19-110*
1718-51-0	*Surrogate: SURR: Terphenyl-d14*	*101 %*	*24-116*

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**	**92.0**		%	0.100	1	SM 2540G Certifications: CTDOH	07/27/2020 08:06	07/27/2020 17:08	WJM

Analytical Batch Summary

Batch ID: BG01289 **Preparation Method:** % Solids Prep **Prepared By:** WJM

YORK Sample ID	Client Sample ID	Preparation Date
20G0909-01	B-6 (0-2)	07/27/20

Batch ID: BG01290 **Preparation Method:** % Solids Prep **Prepared By:** WJM

YORK Sample ID	Client Sample ID	Preparation Date
20G0909-02	B-6 (6-8)	07/27/20
20G0909-03	B-7 (0-2)	07/27/20
20G0909-04	B-7 (7-9)	07/27/20

Batch ID: BG01303 **Preparation Method:** EPA 3050B **Prepared By:** SY

YORK Sample ID	Client Sample ID	Preparation Date
20G0909-01	B-6 (0-2)	07/27/20
20G0909-03	B-7 (0-2)	07/27/20
BG01303-BLK1	Blank	07/27/20
BG01303-SRM1	Reference	07/27/20

Batch ID: BG01307 **Preparation Method:** EPA 5035A **Prepared By:** LM

YORK Sample ID	Client Sample ID	Preparation Date
20G0909-01	B-6 (0-2)	07/27/20
20G0909-03	B-7 (0-2)	07/27/20
20G0909-04	B-7 (7-9)	07/27/20
BG01307-BLK1	Blank	07/27/20
BG01307-BLK2	Blank	07/27/20
BG01307-BS1	LCS	07/27/20
BG01307-BSD1	LCS Dup	07/27/20

Batch ID: BG01310 **Preparation Method:** EPA 7473 soil **Prepared By:** SY

YORK Sample ID	Client Sample ID	Preparation Date
20G0909-01	B-6 (0-2)	07/27/20
20G0909-03	B-7 (0-2)	07/27/20
BG01310-BLK1	Blank	07/27/20
BG01310-SRM1	Reference	07/27/20

Batch ID: BG01380 **Preparation Method:** EPA 5035A **Prepared By:** LM

YORK Sample ID	Client Sample ID	Preparation Date
20G0909-02	B-6 (6-8)	07/28/20
BG01380-BLK1	Blank	07/28/20
BG01380-BLK2	Blank	07/28/20

BG01380-BLK3	Blank	07/28/20
BG01380-BS1	LCS	07/28/20
BG01380-BSD1	LCS Dup	07/28/20

Batch ID: BG01423 **Preparation Method:** EPA 3550C **Prepared By:** TSS

YORK Sample ID	Client Sample ID	Preparation Date
20G0909-01	B-6 (0-2)	07/29/20
20G0909-02	B-6 (6-8)	07/29/20
20G0909-02RE1	B-6 (6-8)	07/29/20
20G0909-03	B-7 (0-2)	07/29/20
20G0909-04	B-7 (7-9)	07/29/20
BG01423-BLK1	Blank	07/29/20
BG01423-BS1	LCS	07/29/20

Batch ID: BG01426 **Preparation Method:** EPA 3550C **Prepared By:** PD

YORK Sample ID	Client Sample ID	Preparation Date
20G0909-03	B-7 (0-2)	07/29/20
BG01426-BLK2	Blank	07/29/20
BG01426-BS2	LCS	07/29/20

Batch ID: BG01442 **Preparation Method:** EPA 5035A **Prepared By:** LM

YORK Sample ID	Client Sample ID	Preparation Date
20G0909-02RE1	B-6 (6-8)	07/29/20
BG01442-BLK1	Blank	07/29/20
BG01442-BLK2	Blank	07/29/20
BG01442-BS1	LCS	07/29/20
BG01442-BSD1	LCS Dup	07/29/20

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BG01307 - EPA 5035A											
Blank (BG01307-BLK1)									Prepared & Analyzed: 07/27/2020		
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	5.2	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.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BG01307 - EPA 5035A											
Blank (BG01307-BLK1)									Prepared & Analyzed: 07/27/2020		
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	*52.1*		*ug/L*	*50.0*		*104*	*77-125*				
Surrogate: SURR: Toluene-d8	*50.4*		*"*	*50.0*		*101*	*85-120*				
Surrogate: SURR: p-Bromofluorobenzene	*47.1*		*"*	*50.0*		*94.1*	*76-130*				
Blank (BG01307-BLK2)									Prepared & Analyzed: 07/27/2020		
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	"								

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BG01307 - EPA 5035A											
Blank (BG01307-BLK2)											
Prepared & Analyzed: 07/27/2020											
Benzene	ND	500	ug/kg wet								
Bromochloromethane	ND	500	"								
Bromodichloromethane	ND	500	"								
Bromoform	ND	500	"								
Bromomethane	ND	500	"								
Carbon disulfide	520	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	"								
n-Butylbenzene	ND	500	"								
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	*51.5*		*ug/L*	*50.0*		*103*	*77-125*				
Surrogate: SURR: Toluene-d8	*49.8*		*"*	*50.0*		*99.6*	*85-120*				
Surrogate: SURR: p-Bromofluorobenzene	*46.9*		*"*	*50.0*		*93.7*	*76-130*				

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BG01307 - EPA 5035A											
LCS (BG01307-BS1)							Prepared & Analyzed: 07/27/2020				
1,1,1,2-Tetrachloroethane	50		ug/L	50.0		101	75-129				
1,1,1-Trichloroethane	54		"	50.0		108	71-137				
1,1,2,2-Tetrachloroethane	45		"	50.0		90.1	79-129				
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	51		"	50.0		102	58-146				
1,1,2-Trichloroethane	49		"	50.0		98.6	83-123				
1,1-Dichloroethane	46		"	50.0		92.4	75-130				
1,1-Dichloroethylene	51		"	50.0		103	64-137				
1,2,3-Trichlorobenzene	50		"	50.0		99.4	81-140				
1,2,3-Trichloropropane	46		"	50.0		92.3	81-126				
1,2,4-Trichlorobenzene	50		"	50.0		99.8	80-141				
1,2,4-Trimethylbenzene	49		"	50.0		97.6	84-125				
1,2-Dibromo-3-chloropropane	42		"	50.0		83.9	74-142				
1,2-Dibromoethane	51		"	50.0		102	86-123				
1,2-Dichlorobenzene	51		"	50.0		101	85-122				
1,2-Dichloroethane	48		"	50.0		96.2	71-133				
1,2-Dichloropropane	46		"	50.0		92.8	81-122				
1,3,5-Trimethylbenzene	48		"	50.0		97.0	82-126				
1,3-Dichlorobenzene	49		"	50.0		98.1	84-124				
1,4-Dichlorobenzene	49		"	50.0		98.3	84-124				
1,4-Dioxane	1000		"	1050		97.8	10-228				
2-Butanone	49		"	50.0		97.7	58-147				
2-Hexanone	56		"	50.0		113	70-139				
4-Methyl-2-pentanone	55		"	50.0		111	72-132				
Acetone	45		"	50.0		90.5	36-155				
Acrolein	50		"	50.0		100	10-238				
Acrylonitrile	48		"	50.0		95.7	66-141				
Benzene	49		"	50.0		97.9	77-127				
Bromochloromethane	52		"	50.0		103	74-129				
Bromodichloromethane	48		"	50.0		95.1	81-124				
Bromoform	47		"	50.0		94.2	80-136				
Bromomethane	73		"	50.0		146	32-177				
Carbon disulfide	49		"	50.0		98.5	10-136				
Carbon tetrachloride	50		"	50.0		99.4	66-143				
Chlorobenzene	52		"	50.0		104	86-120				
Chloroethane	58		"	50.0		116	51-142				
Chloroform	50		"	50.0		100	76-131				
Chloromethane	83		"	50.0		166	49-132	High Bias			
cis-1,2-Dichloroethylene	48		"	50.0		96.1	74-132				
cis-1,3-Dichloropropylene	45		"	50.0		90.0	81-129				
Cyclohexane	50		"	50.0		100	70-130				
Dibromochloromethane	49		"	50.0		98.2	10-200				
Dibromomethane	50		"	50.0		99.8	83-124				
Dichlorodifluoromethane	120		"	50.0		232	28-158	High Bias			
Ethyl Benzene	53		"	50.0		105	84-125				
Hexachlorobutadiene	50		"	50.0		101	83-133				
Isopropylbenzene	46		"	50.0		92.7	81-127				
Methyl acetate	47		"	50.0		94.3	41-143				
Methyl tert-butyl ether (MTBE)	46		"	50.0		91.7	74-131				
Methylcyclohexane	47		"	50.0		94.8	70-130				
Methylene chloride	48		"	50.0		95.8	57-141				

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BG01307 - EPA 5035A											
LCS (BG01307-BS1)							Prepared & Analyzed: 07/27/2020				
n-Butylbenzene	59		ug/L	50.0		119	80-130				
n-Propylbenzene	47		"	50.0		94.2	74-136				
o-Xylene	52		"	50.0		104	83-123				
p- & m- Xylenes	110		"	100		105	82-128				
p-Isopropyltoluene	51		"	50.0		102	85-125				
sec-Butylbenzene	51		"	50.0		102	83-125				
Styrene	53		"	50.0		107	86-126				
tert-Butyl alcohol (TBA)	210		"	250		83.2	70-130				
tert-Butylbenzene	42		"	50.0		84.0	80-127				
Tetrachloroethylene	51		"	50.0		102	80-129				
Toluene	51		"	50.0		103	85-121				
trans-1,2-Dichloroethylene	51		"	50.0		103	72-132				
trans-1,3-Dichloropropylene	44		"	50.0		87.4	78-132				
trans-1,4-dichloro-2-butene	44		"	50.0		88.2	75-135				
Trichloroethylene	50		"	50.0		101	84-123				
Trichlorofluoromethane	66		"	50.0		132	62-140				
Vinyl Chloride	63		"	50.0		126	52-130				
Surrogate: SURR: 1,2-Dichloroethane-d4	*51.1*		*"*	*50.0*		*102*	*77-125*				
Surrogate: SURR: Toluene-d8	*50.3*		*"*	*50.0*		*101*	*85-120*				
Surrogate: SURR: p-Bromofluorobenzene	*44.1*		*"*	*50.0*		*88.3*	*76-130*				
LCS Dup (BG01307-BSD1)							Prepared & Analyzed: 07/27/2020				
1,1,1,2-Tetrachloroethane	50		ug/L	50.0		100	75-129		0.557	30	
1,1,1-Trichloroethane	54		"	50.0		107	71-137		0.708	30	
1,1,2,2-Tetrachloroethane	48		"	50.0		95.2	79-129		5.57	30	
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	51		"	50.0		103	58-146		0.645	30	
1,1,2-Trichloroethane	50		"	50.0		100	83-123		1.95	30	
1,1-Dichloroethane	46		"	50.0		92.4	75-130		0.0433	30	
1,1-Dichloroethylene	52		"	50.0		105	64-137		2.06	30	
1,2,3-Trichlorobenzene	51		"	50.0		103	81-140		3.30	30	
1,2,3-Trichloropropane	49		"	50.0		97.4	81-126		5.44	30	
1,2,4-Trichlorobenzene	52		"	50.0		104	80-141		3.93	30	
1,2,4-Trimethylbenzene	50		"	50.0		99.4	84-125		1.77	30	
1,2-Dibromo-3-chloropropane	47		"	50.0		94.2	74-142		11.7	30	
1,2-Dibromoethane	52		"	50.0		103	86-123		1.39	30	
1,2-Dichlorobenzene	51		"	50.0		102	85-122		1.40	30	
1,2-Dichloroethane	49		"	50.0		97.5	71-133		1.34	30	
1,2-Dichloropropane	46		"	50.0		92.7	81-122		0.108	30	
1,3,5-Trimethylbenzene	49		"	50.0		98.1	82-126		1.15	30	
1,3-Dichlorobenzene	50		"	50.0		99.8	84-124		1.66	30	
1,4-Dichlorobenzene	50		"	50.0		100	84-124		2.05	30	
1,4-Dioxane	1100		"	1050		106	10-228		7.87	30	
2-Butanone	52		"	50.0		104	58-147		6.25	30	
2-Hexanone	61		"	50.0		121	70-139		7.35	30	
4-Methyl-2-pentanone	58		"	50.0		116	72-132		4.83	30	
Acetone	47		"	50.0		94.1	36-155		3.88	30	
Acrolein	51		"	50.0		103	10-238		2.15	30	
Acrylonitrile	52		"	50.0		104	66-141		8.39	30	
Benzene	50		"	50.0		99.2	77-127		1.32	30	
Bromochloromethane	53		"	50.0		106	74-129		2.58	30	

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BG01307 - EPA 5035A											
LCS Dup (BG01307-BSD1)								Prepared & Analyzed: 07/27/2020			
Bromodichloromethane	47		ug/L	50.0		94.6	81-124		0.485	30	
Bromoform	48		"	50.0		95.6	80-136		1.48	30	
Bromomethane	74		"	50.0		148	32-177		1.33	30	
Carbon disulfide	49		"	50.0		97.5	10-136		1.00	30	
Carbon tetrachloride	50		"	50.0		99.6	66-143		0.161	30	
Chlorobenzene	52		"	50.0		103	86-120		1.08	30	
Chloroethane	58		"	50.0		117	51-142		0.154	30	
Chloroform	50		"	50.0		101	76-131		0.279	30	
Chloromethane	81		"	50.0		162	49-132	High Bias	2.33	30	
cis-1,2-Dichloroethylene	48		"	50.0		96.6	74-132		0.540	30	
cis-1,3-Dichloropropylene	45		"	50.0		90.2	81-129		0.222	30	
Cyclohexane	50		"	50.0		101	70-130		0.318	30	
Dibromochloromethane	50		"	50.0		99.7	10-200		1.50	30	
Dibromomethane	51		"	50.0		103	83-124		2.79	30	
Dichlorodifluoromethane	82		"	50.0		165	28-158	High Bias	33.9	30	Non-dir.
Ethyl Benzene	52		"	50.0		105	84-125		0.418	30	
Hexachlorobutadiene	50		"	50.0		101	83-133		0.139	30	
Isopropylbenzene	47		"	50.0		94.3	81-127		1.69	30	
Methyl acetate	50		"	50.0		101	41-143		6.39	30	
Methyl tert-butyl ether (MTBE)	47		"	50.0		94.2	74-131		2.69	30	
Methylcyclohexane	47		"	50.0		94.0	70-130		0.784	30	
Methylene chloride	48		"	50.0		95.3	57-141		0.586	30	
n-Butylbenzene	60		"	50.0		120	80-130		0.988	30	
n-Propylbenzene	48		"	50.0		95.7	74-136		1.60	30	
o-Xylene	52		"	50.0		105	83-123		0.287	30	
p- & m- Xylenes	100		"	100		105	82-128		0.639	30	
p-Isopropyltoluene	52		"	50.0		103	85-125		1.33	30	
sec-Butylbenzene	52		"	50.0		104	83-125		1.62	30	
Styrene	54		"	50.0		107	86-126		0.506	30	
tert-Butyl alcohol (TBA)	230		"	250		91.9	70-130		9.99	30	
tert-Butylbenzene	43		"	50.0		85.2	80-127		1.44	30	
Tetrachloroethylene	52		"	50.0		103	80-129		0.584	30	
Toluene	51		"	50.0		103	85-121		0.0972	30	
trans-1,2-Dichloroethylene	52		"	50.0		103	72-132		0.622	30	
trans-1,3-Dichloropropylene	44		"	50.0		88.4	78-132		1.09	30	
trans-1,4-dichloro-2-butene	47		"	50.0		93.4	75-135		5.75	30	
Trichloroethylene	50		"	50.0		100	84-123		0.656	30	
Trichlorofluoromethane	66		"	50.0		132	62-140		0.212	30	
Vinyl Chloride	62		"	50.0		124	52-130		1.43	30	
Surrogate: SURR: 1,2-Dichloroethane-d4	*52.1*		*"*	*50.0*		*104*	*77-125*				
Surrogate: SURR: Toluene-d8	*50.0*		*"*	*50.0*		*100*	*85-120*				
Surrogate: SURR: p-Bromofluorobenzene	*45.3*		*"*	*50.0*		*90.6*	*76-130*				

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BG01380 - EPA 5035A											
Blank (BG01380-BLK1)											
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	5.9	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	"								

Prepared & Analyzed: 07/28/2020

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BG01380 - EPA 5035A											
Blank (BG01380-BLK1)											Prepared & Analyzed: 07/28/2020
n-Butylbenzene	ND	5.0	ug/kg wet								
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	*50.8*		*ug/L*	*50.0*		*102*	*77-125*				
Surrogate: SURR: Toluene-d8	*50.3*		*"*	*50.0*		*101*	*85-120*				
Surrogate: SURR: p-Bromofluorobenzene	*49.0*		*"*	*50.0*		*97.9*	*76-130*				
Blank (BG01380-BLK2)											Prepared & Analyzed: 07/28/2020
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	"								

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BG01380 - EPA 5035A											
Blank (BG01380-BLK2)											
Prepared & Analyzed: 07/28/2020											
Bromochloromethane	ND	500	ug/kg wet								
Bromodichloromethane	ND	500	"								
Bromoform	ND	500	"								
Bromomethane	ND	500	"								
Carbon disulfide	580	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	"								
n-Butylbenzene	ND	500	"								
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	*51.3*		*ug/L*	*50.0*		*103*	*77-125*				
Surrogate: SURR: Toluene-d8	*50.0*		*"*	*50.0*		*100*	*85-120*				
Surrogate: SURR: p-Bromofluorobenzene	*48.7*		*"*	*50.0*		*97.4*	*76-130*				

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BG01380 - EPA 5035A											
Blank (BG01380-BLK3)											Prepared & Analyzed: 07/28/2020
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	38	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	5.8	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	50	10	"								

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BG01380 - EPA 5035A											
Blank (BG01380-BLK3)								Prepared & Analyzed: 07/28/2020			
n-Butylbenzene	ND	5.0	ug/kg wet								
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	*51.4*		*ug/L*	*50.0*		*103*	*77-125*				
Surrogate: SURR: Toluene-d8	*50.4*		*"*	*50.0*		*101*	*85-120*				
Surrogate: SURR: p-Bromofluorobenzene	*49.6*		*"*	*50.0*		*99.2*	*76-130*				
LCS (BG01380-BS1)								Prepared & Analyzed: 07/28/2020			
1,1,1,2-Tetrachloroethane	52		ug/L	50.0		105	75-129				
1,1,1-Trichloroethane	52		"	50.0		105	71-137				
1,1,2,2-Tetrachloroethane	52		"	50.0		103	79-129				
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	49		"	50.0		97.3	58-146				
1,1,2-Trichloroethane	53		"	50.0		106	83-123				
1,1-Dichloroethane	41		"	50.0		81.4	75-130				
1,1-Dichloroethylene	50		"	50.0		101	64-137				
1,2,3-Trichlorobenzene	50		"	50.0		99.8	81-140				
1,2,3-Trichloropropane	51		"	50.0		102	81-126				
1,2,4-Trichlorobenzene	52		"	50.0		104	80-141				
1,2,4-Trimethylbenzene	50		"	50.0		100	84-125				
1,2-Dibromo-3-chloropropane	48		"	50.0		95.9	74-142				
1,2-Dibromoethane	51		"	50.0		103	86-123				
1,2-Dichlorobenzene	52		"	50.0		105	85-122				
1,2-Dichloroethane	50		"	50.0		101	71-133				
1,2-Dichloropropane	52		"	50.0		103	81-122				
1,3,5-Trimethylbenzene	53		"	50.0		106	82-126				
1,3-Dichlorobenzene	49		"	50.0		97.9	84-124				
1,4-Dichlorobenzene	50		"	50.0		101	84-124				
1,4-Dioxane	1300		"	1050		122	10-228				
2-Butanone	52		"	50.0		104	58-147				
2-Hexanone	54		"	50.0		109	70-139				
4-Methyl-2-pentanone	55		"	50.0		111	72-132				
Acetone	35		"	50.0		70.3	36-155				
Acrolein	0.0		"	50.0			10-238	Low Bias			
Acrylonitrile	39		"	50.0		77.7	66-141				
Benzene	52		"	50.0		104	77-127				

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BG01380 - EPA 5035A											
LCS (BG01380-BS1)								Prepared & Analyzed: 07/28/2020			
Bromochloromethane	51		ug/L	50.0		102	74-129				
Bromodichloromethane	54		"	50.0		109	81-124				
Bromoform	49		"	50.0		97.3	80-136				
Bromomethane	50		"	50.0		101	32-177				
Carbon disulfide	36		"	50.0		72.9	10-136				
Carbon tetrachloride	52		"	50.0		104	66-143				
Chlorobenzene	51		"	50.0		103	86-120				
Chloroethane	47		"	50.0		93.6	51-142				
Chloroform	51		"	50.0		102	76-131				
Chloromethane	51		"	50.0		102	49-132				
cis-1,2-Dichloroethylene	51		"	50.0		102	74-132				
cis-1,3-Dichloropropylene	55		"	50.0		110	81-129				
Cyclohexane	51		"	50.0		101	70-130				
Dibromochloromethane	49		"	50.0		97.4	10-200				
Dibromomethane	52		"	50.0		104	83-124				
Dichlorodifluoromethane	59		"	50.0		117	28-158				
Ethyl Benzene	53		"	50.0		106	84-125				
Hexachlorobutadiene	52		"	50.0		104	83-133				
Isopropylbenzene	50		"	50.0		99.3	81-127				
Methyl acetate	36		"	50.0		71.0	41-143				
Methyl tert-butyl ether (MTBE)	42		"	50.0		84.4	74-131				
Methylcyclohexane	49		"	50.0		97.1	70-130				
Methylene chloride	41		"	50.0		82.2	57-141				
n-Butylbenzene	66		"	50.0		131	80-130	High Bias			
n-Propylbenzene	52		"	50.0		104	74-136				
o-Xylene	50		"	50.0		99.7	83-123				
p- & m- Xylenes	100		"	100		101	82-128				
p-Isopropyltoluene	52		"	50.0		103	85-125				
sec-Butylbenzene	51		"	50.0		102	83-125				
Styrene	52		"	50.0		104	86-126				
tert-Butyl alcohol (TBA)	200		"	250		81.7	70-130				
tert-Butylbenzene	51		"	50.0		102	80-127				
Tetrachloroethylene	49		"	50.0		98.2	80-129				
Toluene	56		"	50.0		112	85-121				
trans-1,2-Dichloroethylene	43		"	50.0		86.6	72-132				
trans-1,3-Dichloropropylene	48		"	50.0		96.0	78-132				
trans-1,4-dichloro-2-butene	51		"	50.0		101	75-135				
Trichloroethylene	53		"	50.0		106	84-123				
Trichlorofluoromethane	54		"	50.0		107	62-140				
Vinyl Chloride	48		"	50.0		95.9	52-130				
Surrogate: SURR: 1,2-Dichloroethane-d4	*50.2*		*"*	*50.0*		*100*	*77-125*				
Surrogate: SURR: Toluene-d8	*48.5*		*"*	*50.0*		*97.0*	*85-120*				
Surrogate: SURR: p-Bromofluorobenzene	*49.0*		*"*	*50.0*		*98.0*	*76-130*				

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BG01380 - EPA 5035A											
LCS Dup (BG01380-BSD1)							Prepared & Analyzed: 07/28/2020				
1,1,1,2-Tetrachloroethane	53		ug/L	50.0		105	75-129		0.629	30	
1,1,1-Trichloroethane	52		"	50.0		104	71-137		0.923	30	
1,1,2,2-Tetrachloroethane	53		"	50.0		106	79-129		3.15	30	
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	48		"	50.0		95.1	58-146		2.20	30	
1,1,2-Trichloroethane	54		"	50.0		109	83-123		2.85	30	
1,1-Dichloroethane	42		"	50.0		83.1	75-130		2.14	30	
1,1-Dichloroethylene	48		"	50.0		96.2	64-137		4.63	30	
1,2,3-Trichlorobenzene	52		"	50.0		105	81-140		4.66	30	
1,2,3-Trichloropropane	51		"	50.0		101	81-126		0.649	30	
1,2,4-Trichlorobenzene	53		"	50.0		106	80-141		2.05	30	
1,2,4-Trimethylbenzene	54		"	50.0		107	84-125		6.53	30	
1,2-Dibromo-3-chloropropane	48		"	50.0		95.2	74-142		0.775	30	
1,2-Dibromoethane	53		"	50.0		106	86-123		3.52	30	
1,2-Dichlorobenzene	53		"	50.0		107	85-122		1.93	30	
1,2-Dichloroethane	50		"	50.0		99.9	71-133		0.857	30	
1,2-Dichloropropane	57		"	50.0		114	81-122		9.73	30	
1,3,5-Trimethylbenzene	53		"	50.0		106	82-126		0.245	30	
1,3-Dichlorobenzene	51		"	50.0		103	84-124		4.92	30	
1,4-Dichlorobenzene	51		"	50.0		102	84-124		1.12	30	
1,4-Dioxane	1400		"	1050		134	10-228		10.0	30	
2-Butanone	54		"	50.0		107	58-147		2.76	30	
2-Hexanone	57		"	50.0		114	70-139		4.91	30	
4-Methyl-2-pentanone	62		"	50.0		125	72-132		11.8	30	
Acetone	36		"	50.0		71.4	36-155		1.44	30	
Acrolein	0.0		"	50.0			10-238	Low Bias		30	
Acrylonitrile	40		"	50.0		80.8	66-141		3.94	30	
Benzene	53		"	50.0		107	77-127		2.29	30	
Bromochloromethane	53		"	50.0		107	74-129		4.76	30	
Bromodichloromethane	58		"	50.0		115	81-124		5.77	30	
Bromoform	49		"	50.0		98.1	80-136		0.798	30	
Bromomethane	45		"	50.0		90.5	32-177		10.9	30	
Carbon disulfide	37		"	50.0		73.6	10-136		0.928	30	
Carbon tetrachloride	52		"	50.0		103	66-143		1.20	30	
Chlorobenzene	53		"	50.0		107	86-120		3.44	30	
Chloroethane	42		"	50.0		83.2	51-142		11.7	30	
Chloroform	51		"	50.0		102	76-131		0.0783	30	
Chloromethane	45		"	50.0		89.3	49-132		13.6	30	
cis-1,2-Dichloroethylene	52		"	50.0		103	74-132		1.66	30	
cis-1,3-Dichloropropylene	59		"	50.0		118	81-129		7.37	30	
Cyclohexane	52		"	50.0		105	70-130		3.46	30	
Dibromochloromethane	50		"	50.0		99.5	10-200		2.13	30	
Dibromomethane	56		"	50.0		111	83-124		6.41	30	
Dichlorodifluoromethane	49		"	50.0		97.2	28-158		18.6	30	
Ethyl Benzene	54		"	50.0		107	84-125		1.24	30	
Hexachlorobutadiene	52		"	50.0		104	83-133		0.769	30	
Isopropylbenzene	52		"	50.0		104	81-127		5.12	30	
Methyl acetate	37		"	50.0		73.5	41-143		3.40	30	
Methyl tert-butyl ether (MTBE)	43		"	50.0		85.1	74-131		0.802	30	
Methylcyclohexane	52		"	50.0		104	70-130		6.55	30	
Methylene chloride	42		"	50.0		84.6	57-141		2.95	30	

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BG01380 - EPA 5035A											
LCS Dup (BG01380-BSD1)								Prepared & Analyzed: 07/28/2020			
n-Butylbenzene	67		ug/L	50.0		134	80-130	High Bias	1.86	30	
n-Propylbenzene	52		"	50.0		104	74-136		0.0384	30	
o-Xylene	54		"	50.0		107	83-123		7.38	30	
p- & m- Xylenes	110		"	100		107	82-128		5.96	30	
p-Isopropyltoluene	54		"	50.0		109	85-125		5.32	30	
sec-Butylbenzene	54		"	50.0		109	83-125		6.67	30	
Styrene	55		"	50.0		110	86-126		5.92	30	
tert-Butyl alcohol (TBA)	210		"	250		85.2	70-130		4.25	30	
tert-Butylbenzene	52		"	50.0		105	80-127		2.16	30	
Tetrachloroethylene	49		"	50.0		98.8	80-129		0.569	30	
Toluene	59		"	50.0		119	85-121		5.57	30	
trans-1,2-Dichloroethylene	44		"	50.0		88.7	72-132		2.40	30	
trans-1,3-Dichloropropylene	49		"	50.0		97.5	78-132		1.47	30	
trans-1,4-dichloro-2-butene	51		"	50.0		103	75-135		1.41	30	
Trichloroethylene	56		"	50.0		112	84-123		5.34	30	
Trichlorofluoromethane	48		"	50.0		95.6	62-140		11.4	30	
Vinyl Chloride	43		"	50.0		85.7	52-130		11.3	30	
Surrogate: SURR: 1,2-Dichloroethane-d4	*49.5*		*"*	*50.0*		*99.0*	*77-125*				
Surrogate: SURR: Toluene-d8	*50.9*		*"*	*50.0*		*102*	*85-120*				
Surrogate: SURR: p-Bromofluorobenzene	*48.1*		*"*	*50.0*		*96.3*	*76-130*				
Batch BG01442 - EPA 5035A											
Blank (BG01442-BLK1)								Prepared & Analyzed: 07/29/2020			
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.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BG01442 - EPA 5035A											
Blank (BG01442-BLK1)											
Prepared & Analyzed: 07/29/2020											
Bromochloromethane	ND	5.0	ug/kg wet								
Bromodichloromethane	ND	5.0	"								
Bromoform	ND	5.0	"								
Bromomethane	ND	5.0	"								
Carbon disulfide	5.8	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	*49.8*		*ug/L*	*50.0*		*99.5*	*77-125*				
Surrogate: SURR: Toluene-d8	*49.7*		*"*	*50.0*		*99.5*	*85-120*				
Surrogate: SURR: p-Bromofluorobenzene	*49.7*		*"*	*50.0*		*99.4*	*76-130*				

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BG01442 - EPA 5035A											
Blank (BG01442-BLK2)									Prepared & Analyzed: 07/29/2020		
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	580	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.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BG01442 - EPA 5035A											
Blank (BG01442-BLK2)								Prepared & Analyzed: 07/29/2020			
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	*50.5*		*ug/L*	*50.0*		*101*	*77-125*				
Surrogate: SURR: Toluene-d8	*48.8*		*"*	*50.0*		*97.5*	*85-120*				
Surrogate: SURR: p-Bromofluorobenzene	*50.0*		*"*	*50.0*		*100*	*76-130*				
LCS (BG01442-BS1)								Prepared & Analyzed: 07/29/2020			
1,1,1,2-Tetrachloroethane	51		ug/L	50.0		102	75-129				
1,1,1-Trichloroethane	51		"	50.0		101	71-137				
1,1,2,2-Tetrachloroethane	53		"	50.0		106	79-129				
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	46		"	50.0		91.8	58-146				
1,1,2-Trichloroethane	55		"	50.0		111	83-123				
1,1-Dichloroethane	40		"	50.0		80.9	75-130				
1,1-Dichloroethylene	46		"	50.0		92.1	64-137				
1,2,3-Trichlorobenzene	55		"	50.0		110	81-140				
1,2,3-Trichloropropane	51		"	50.0		102	81-126				
1,2,4-Trichlorobenzene	52		"	50.0		105	80-141				
1,2,4-Trimethylbenzene	53		"	50.0		105	84-125				
1,2-Dibromo-3-chloropropane	45		"	50.0		90.4	74-142				
1,2-Dibromoethane	54		"	50.0		109	86-123				
1,2-Dichlorobenzene	52		"	50.0		103	85-122				
1,2-Dichloroethane	49		"	50.0		97.7	71-133				
1,2-Dichloropropane	59		"	50.0		117	81-122				
1,3,5-Trimethylbenzene	53		"	50.0		105	82-126				
1,3-Dichlorobenzene	51		"	50.0		102	84-124				
1,4-Dichlorobenzene	50		"	50.0		101	84-124				
1,4-Dioxane	1400		"	1050		138	10-228				
2-Butanone	55		"	50.0		111	58-147				
2-Hexanone	60		"	50.0		120	70-139				
4-Methyl-2-pentanone	67		"	50.0		135	72-132	High Bias			
Acetone	37		"	50.0		74.4	36-155				
Acrolein	62		"	50.0		123	10-238				
Acrylonitrile	40		"	50.0		79.8	66-141				
Benzene	52		"	50.0		105	77-127				

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BG01442 - EPA 5035A											
LCS (BG01442-BS1)							Prepared & Analyzed: 07/29/2020				
Bromochloromethane	53		ug/L	50.0		106	74-129				
Bromodichloromethane	59		"	50.0		118	81-124				
Bromoform	50		"	50.0		99.5	80-136				
Bromomethane	50		"	50.0		99.2	32-177				
Carbon disulfide	36		"	50.0		72.4	10-136				
Carbon tetrachloride	49		"	50.0		98.4	66-143				
Chlorobenzene	51		"	50.0		102	86-120				
Chloroethane	44		"	50.0		87.5	51-142				
Chloroform	50		"	50.0		99.8	76-131				
Chloromethane	49		"	50.0		98.1	49-132				
cis-1,2-Dichloroethylene	51		"	50.0		102	74-132				
cis-1,3-Dichloropropylene	62		"	50.0		123	81-129				
Cyclohexane	51		"	50.0		103	70-130				
Dibromochloromethane	50		"	50.0		99.3	10-200				
Dibromomethane	58		"	50.0		115	83-124				
Dichlorodifluoromethane	60		"	50.0		120	28-158				
Ethyl Benzene	52		"	50.0		104	84-125				
Hexachlorobutadiene	50		"	50.0		101	83-133				
Isopropylbenzene	53		"	50.0		105	81-127				
Methyl acetate	35		"	50.0		70.8	41-143				
Methyl tert-butyl ether (MTBE)	42		"	50.0		84.3	74-131				
Methylcyclohexane	54		"	50.0		108	70-130				
Methylene chloride	40		"	50.0		80.7	57-141				
n-Butylbenzene	64		"	50.0		129	80-130				
n-Propylbenzene	52		"	50.0		104	74-136				
o-Xylene	52		"	50.0		104	83-123				
p- & m- Xylenes	100		"	100		104	82-128				
p-Isopropyltoluene	53		"	50.0		106	85-125				
sec-Butylbenzene	53		"	50.0		106	83-125				
Styrene	53		"	50.0		107	86-126				
tert-Butyl alcohol (TBA)	210		"	250		85.8	70-130				
tert-Butylbenzene	52		"	50.0		103	80-127				
Tetrachloroethylene	51		"	50.0		102	80-129				
Toluene	61		"	50.0		121	85-121				
trans-1,2-Dichloroethylene	43		"	50.0		85.8	72-132				
trans-1,3-Dichloropropylene	51		"	50.0		101	78-132				
trans-1,4-dichloro-2-butene	52		"	50.0		104	75-135				
Trichloroethylene	59		"	50.0		118	84-123				
Trichlorofluoromethane	48		"	50.0		96.0	62-140				
Vinyl Chloride	45		"	50.0		90.6	52-130				
Surrogate: SURR: 1,2-Dichloroethane-d4	*49.3*		*"*	*50.0*		*98.5*	*77-125*				
Surrogate: SURR: Toluene-d8	*52.4*		*"*	*50.0*		*105*	*85-120*				
Surrogate: SURR: p-Bromofluorobenzene	*49.8*		*"*	*50.0*		*99.7*	*76-130*				

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag

Batch BG01442 - EPA 5035A

LCS Dup (BG01442-BSD1) Prepared & Analyzed: 07/29/2020

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
1,1,1,2-Tetrachloroethane	51		ug/L	50.0		102	75-129		0.804	30	
1,1,1-Trichloroethane	50		"	50.0		101	71-137		0.456	30	
1,1,2,2-Tetrachloroethane	49		"	50.0		97.2	79-129		8.58	30	
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	49		"	50.0		98.1	58-146		6.70	30	
1,1,2-Trichloroethane	57		"	50.0		114	83-123		3.08	30	
1,1-Dichloroethane	38		"	50.0		76.9	75-130		4.99	30	
1,1-Dichloroethylene	49		"	50.0		98.5	64-137		6.76	30	
1,2,3-Trichlorobenzene	54		"	50.0		108	81-140		1.25	30	
1,2,3-Trichloropropane	48		"	50.0		96.7	81-126		5.78	30	
1,2,4-Trichlorobenzene	58		"	50.0		116	80-141		10.3	30	
1,2,4-Trimethylbenzene	52		"	50.0		104	84-125		0.972	30	
1,2-Dibromo-3-chloropropane	47		"	50.0		94.9	74-142		4.83	30	
1,2-Dibromoethane	54		"	50.0		108	86-123		0.498	30	
1,2-Dichlorobenzene	53		"	50.0		106	85-122		2.24	30	
1,2-Dichloroethane	50		"	50.0		101	71-133		2.84	30	
1,2-Dichloropropane	53		"	50.0		106	81-122		10.2	30	
1,3,5-Trimethylbenzene	51		"	50.0		103	82-126		2.71	30	
1,3-Dichlorobenzene	53		"	50.0		106	84-124		3.98	30	
1,4-Dichlorobenzene	52		"	50.0		104	84-124		3.36	30	
1,4-Dioxane	1300		"	1050		122	10-228		12.3	30	
2-Butanone	48		"	50.0		96.3	58-147		14.2	30	
2-Hexanone	58		"	50.0		116	70-139		3.86	30	
4-Methyl-2-pentanone	64		"	50.0		129	72-132		4.59	30	
Acetone	37		"	50.0		74.3	36-155		0.161	30	
Acrolein	63		"	50.0		125	10-238		1.59	30	
Acrylonitrile	35		"	50.0		70.5	66-141		12.3	30	
Benzene	54		"	50.0		108	77-127		2.87	30	
Bromochloromethane	47		"	50.0		94.5	74-129		11.4	30	
Bromodichloromethane	56		"	50.0		113	81-124		4.24	30	
Bromoform	52		"	50.0		104	80-136		4.04	30	
Bromomethane	54		"	50.0		107	32-177		7.83	30	
Carbon disulfide	37		"	50.0		74.0	10-136		2.27	30	
Carbon tetrachloride	51		"	50.0		102	66-143		3.22	30	
Chlorobenzene	51		"	50.0		102	86-120		0.589	30	
Chloroethane	47		"	50.0		94.6	51-142		7.77	30	
Chloroform	50		"	50.0		101	76-131		0.918	30	
Chloromethane	53		"	50.0		106	49-132		7.93	30	
cis-1,2-Dichloroethylene	49		"	50.0		98.3	74-132		3.91	30	
cis-1,3-Dichloropropylene	61		"	50.0		123	81-129		0.358	30	
Cyclohexane	48		"	50.0		96.1	70-130		6.83	30	
Dibromochloromethane	50		"	50.0		99.8	10-200		0.542	30	
Dibromomethane	53		"	50.0		107	83-124		7.44	30	
Dichlorodifluoromethane	63		"	50.0		127	28-158		5.78	30	
Ethyl Benzene	51		"	50.0		103	84-125		0.756	30	
Hexachlorobutadiene	55		"	50.0		110	83-133		8.68	30	
Isopropylbenzene	52		"	50.0		104	81-127		1.71	30	
Methyl acetate	31		"	50.0		61.9	41-143		13.4	30	
Methyl tert-butyl ether (MTBE)	39		"	50.0		78.8	74-131		6.75	30	
Methylcyclohexane	51		"	50.0		102	70-130		5.96	30	
Methylene chloride	35		"	50.0		70.6	57-141		13.4	30	

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BG01442 - EPA 5035A											
LCS Dup (BG01442-BSD1)								Prepared & Analyzed: 07/29/2020			
n-Butylbenzene	66		ug/L	50.0		132	80-130	High Bias	2.61	30	
n-Propylbenzene	50		"	50.0		99.7	74-136		4.66	30	
o-Xylene	51		"	50.0		103	83-123		1.29	30	
p- & m- Xylenes	110		"	100		109	82-128		4.60	30	
p-Isopropyltoluene	56		"	50.0		112	85-125		5.14	30	
sec-Butylbenzene	56		"	50.0		112	83-125		5.48	30	
Styrene	56		"	50.0		111	86-126		4.41	30	
tert-Butyl alcohol (TBA)	200		"	250		78.6	70-130		8.81	30	
tert-Butylbenzene	50		"	50.0		99.8	80-127		3.37	30	
Tetrachloroethylene	53		"	50.0		107	80-129		4.56	30	
Toluene	56		"	50.0		113	85-121		7.32	30	
trans-1,2-Dichloroethylene	40		"	50.0		80.0	72-132		6.97	30	
trans-1,3-Dichloropropylene	48		"	50.0		95.3	78-132		6.20	30	
trans-1,4-dichloro-2-butene	48		"	50.0		96.4	75-135		7.55	30	
Trichloroethylene	56		"	50.0		112	84-123		5.14	30	
Trichlorofluoromethane	53		"	50.0		106	62-140		9.96	30	
Vinyl Chloride	50		"	50.0		99.6	52-130		9.49	30	
Surrogate: SURR: 1,2-Dichloroethane-d4	*51.2*		*"*	*50.0*		*102*	*77-125*				
Surrogate: SURR: Toluene-d8	*51.7*		*"*	*50.0*		*103*	*85-120*				
Surrogate: SURR: p-Bromofluorobenzene	*47.9*		*"*	*50.0*		*95.8*	*76-130*				

Semivolatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BG01423 - EPA 3550C											
Blank (BG01423-BLK1)											
1,1-Biphenyl	ND	41.6	ug/kg wet								
1,2,4,5-Tetrachlorobenzene	ND	83.0	"								
1,2,4-Trichlorobenzene	ND	41.6	"								
1,2-Dichlorobenzene	ND	41.6	"								
1,2-Diphenylhydrazine (as Azobenzene)	ND	41.6	"								
1,3-Dichlorobenzene	ND	41.6	"								
1,4-Dichlorobenzene	ND	41.6	"								
2,3,4,6-Tetrachlorophenol	ND	83.0	"								
2,4,5-Trichlorophenol	ND	41.6	"								
2,4,6-Trichlorophenol	ND	41.6	"								
2,4-Dichlorophenol	ND	41.6	"								
2,4-Dimethylphenol	ND	41.6	"								
2,4-Dinitrophenol	ND	83.0	"								
2,4-Dinitrotoluene	ND	41.6	"								
2,6-Dinitrotoluene	ND	41.6	"								
2-Chloronaphthalene	ND	41.6	"								
2-Chlorophenol	ND	41.6	"								
2-Methylnaphthalene	ND	41.6	"								
2-Methylphenol	ND	41.6	"								
2-Nitroaniline	ND	83.0	"								
2-Nitrophenol	ND	41.6	"								
3- & 4-Methylphenols	ND	41.6	"								
3,3-Dichlorobenzidine	ND	41.6	"								
3-Nitroaniline	ND	83.0	"								
4,6-Dinitro-2-methylphenol	ND	83.0	"								
4-Bromophenyl phenyl ether	ND	41.6	"								
4-Chloro-3-methylphenol	ND	41.6	"								
4-Chloroaniline	ND	41.6	"								
4-Chlorophenyl phenyl ether	ND	41.6	"								
4-Nitroaniline	ND	83.0	"								
4-Nitrophenol	ND	83.0	"								
Acenaphthene	ND	41.6	"								
Acenaphthylene	ND	41.6	"								
Acetophenone	ND	41.6	"								
Aniline	ND	166	"								
Anthracene	ND	41.6	"								
Atrazine	ND	41.6	"								
Benzaldehyde	ND	41.6	"								
Benzidine	ND	166	"								
Benzo(a)anthracene	ND	41.6	"								
Benzo(a)pyrene	ND	41.6	"								
Benzo(b)fluoranthene	ND	41.6	"								
Benzo(g,h,i)perylene	ND	41.6	"								
Benzo(k)fluoranthene	ND	41.6	"								
Benzoic acid	ND	41.6	"								
Benzyl alcohol	ND	41.6	"								
Benzyl butyl phthalate	ND	41.6	"								
Bis(2-chloroethoxy)methane	ND	41.6	"								
Bis(2-chloroethyl)ether	ND	41.6	"								
Bis(2-chloroisopropyl)ether	ND	41.6	"								
Bis(2-ethylhexyl)phthalate	ND	41.6	"								

Prepared & Analyzed: 07/29/2020

Semivolatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BG01423 - EPA 3550C											
Blank (BG01423-BLK1)											
Caprolactam	ND	83.0	ug/kg wet								
Carbazole	ND	41.6	"								
Chrysene	ND	41.6	"								
Dibenzo(a,h)anthracene	ND	41.6	"								
Dibenzofuran	ND	41.6	"								
Diethyl phthalate	ND	41.6	"								
Dimethyl phthalate	ND	41.6	"								
Di-n-butyl phthalate	ND	41.6	"								
Di-n-octyl phthalate	ND	41.6	"								
Diphenylamine	ND	83.0	"								
Fluoranthene	ND	41.6	"								
Fluorene	ND	41.6	"								
Hexachlorobenzene	ND	41.6	"								
Hexachlorobutadiene	ND	41.6	"								
Hexachlorocyclopentadiene	ND	41.6	"								
Hexachloroethane	ND	41.6	"								
Indeno(1,2,3-cd)pyrene	ND	41.6	"								
Isophorone	ND	41.6	"								
Naphthalene	ND	41.6	"								
Nitrobenzene	ND	41.6	"								
N-Nitrosodimethylamine	ND	41.6	"								
N-nitroso-di-n-propylamine	ND	41.6	"								
N-Nitrosodiphenylamine	ND	41.6	"								
Pentachlorophenol	ND	41.6	"								
Phenanthrene	ND	41.6	"								
Phenol	ND	41.6	"								
Pyrene	ND	41.6	"								
Surrogate: SURR: 2-Fluorophenol	*640*		*"*	*1660*		*38.5*	*20-108*				
Surrogate: SURR: Phenol-d5	*613*		*"*	*1660*		*36.9*	*23-114*				
Surrogate: SURR: Nitrobenzene-d5	*434*		*"*	*831*		*52.3*	*22-108*				
Surrogate: SURR: 2-Fluorobiphenyl	*323*		*"*	*831*		*38.9*	*21-113*				
Surrogate: SURR: 2,4,6-Tribromophenol	*906*		*"*	*1660*		*54.5*	*19-110*				
Surrogate: SURR: Terphenyl-d14	*440*		*"*	*831*		*52.9*	*24-116*				

Prepared & Analyzed: 07/29/2020

Semivolatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Batch BG01423 - EPA 3550C

LCS (BG01423-BS1) Prepared & Analyzed: 07/29/2020

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
1,1-Biphenyl	402	41.6	ug/kg wet	831		48.4	22-103				
1,2,4,5-Tetrachlorobenzene	561	83.0	"	955		58.7	10-144				
1,2,4-Trichlorobenzene	448	41.6	"	831		53.9	23-130				
1,2-Dichlorobenzene	346	41.6	"	831		41.6	26-113				
1,2-Diphenylhydrazine (as Azobenzene)	333	41.6	"	831		40.1	10-140				
1,3-Dichlorobenzene	336	41.6	"	831		40.4	32-113				
1,4-Dichlorobenzene	335	41.6	"	831		40.3	28-111				
2,3,4,6-Tetrachlorophenol	431	83.0	"	831		51.8	30-130				
2,4,5-Trichlorophenol	388	41.6	"	831		46.7	14-138				
2,4,6-Trichlorophenol	504	41.6	"	831		60.7	27-122				
2,4-Dichlorophenol	502	41.6	"	831		60.4	23-133				
2,4-Dimethylphenol	473	41.6	"	831		56.9	15-131				
2,4-Dinitrophenol	770	83.0	"	831		92.7	10-149				
2,4-Dinitrotoluene	631	41.6	"	831		76.0	30-123				
2,6-Dinitrotoluene	598	41.6	"	831		72.0	30-125				
2-Chloronaphthalene	369	41.6	"	831		44.5	22-115				
2-Chlorophenol	392	41.6	"	831		47.2	25-121				
2-Methylnaphthalene	481	41.6	"	831		57.9	16-127				
2-Methylphenol	325	41.6	"	831		39.2	10-146				
2-Nitroaniline	531	83.0	"	831		64.0	24-126				
2-Nitrophenol	617	41.6	"	831		74.3	17-129				
3- & 4-Methylphenols	296	41.6	"	831		35.6	20-109				
3,3-Dichlorobenzidine	474	41.6	"	831		57.0	10-147				
3-Nitroaniline	495	83.0	"	831		59.6	23-123				
4,6-Dinitro-2-methylphenol	717	83.0	"	831		86.3	10-149				
4-Bromophenyl phenyl ether	494	41.6	"	831		59.4	30-138				
4-Chloro-3-methylphenol	518	41.6	"	831		62.3	16-138				
4-Chloroaniline	396	41.6	"	831		47.7	10-117				
4-Chlorophenyl phenyl ether	501	41.6	"	831		60.4	18-132				
4-Nitroaniline	511	83.0	"	831		61.5	14-125				
4-Nitrophenol	423	83.0	"	831		51.0	10-136				
Acenaphthene	409	41.6	"	831		49.2	17-124				
Acenaphthylene	394	41.6	"	831		47.4	16-124				
Acetophenone	405	41.6	"	831		48.8	28-105				
Aniline	344	166	"	831		41.4	10-111				
Anthracene	447	41.6	"	831		53.8	24-124				
Atrazine	511	41.6	"	831		61.6	22-120				
Benzaldehyde	420	41.6	"	831		50.6	21-100				
Benzo(a)anthracene	474	41.6	"	831		57.1	25-134				
Benzo(a)pyrene	464	41.6	"	831		55.9	29-144				
Benzo(b)fluoranthene	527	41.6	"	831		63.4	20-151				
Benzo(g,h,i)perylene	462	41.6	"	831		55.7	10-153				
Benzo(k)fluoranthene	440	41.6	"	831		53.0	10-148				
Benzoic acid	219	41.6	"	947		23.1	10-116				
Benzyl alcohol	458	41.6	"	831		55.2	17-128				
Benzyl butyl phthalate	478	41.6	"	831		57.6	10-132				
Bis(2-chloroethoxy)methane	454	41.6	"	831		54.7	10-129				
Bis(2-chloroethyl)ether	408	41.6	"	831		49.1	14-125				
Bis(2-chloroisopropyl)ether	421	41.6	"	831		50.7	14-122				
Bis(2-ethylhexyl)phthalate	521	41.6	"	831		62.7	10-141				
Caprolactam	556	83.0	"	831		67.0	10-123				

Semivolatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BG01423 - EPA 3550C											
LCS (BG01423-BS1)								Prepared & Analyzed: 07/29/2020			
Carbazole	395	41.6	ug/kg wet	831		47.6	31-120				
Chrysene	464	41.6	"	831		55.8	24-116				
Dibenzo(a,h)anthracene	483	41.6	"	831		58.2	17-147				
Dibenzofuran	432	41.6	"	831		52.0	23-123				
Diethyl phthalate	444	41.6	"	831		53.5	23-122				
Dimethyl phthalate	446	41.6	"	831		53.7	28-127				
Di-n-butyl phthalate	444	41.6	"	831		53.5	19-123				
Di-n-octyl phthalate	629	41.6	"	831		75.7	10-132				
Diphenylamine	507	83.0	"	831		61.0	40-140				
Fluoranthene	478	41.6	"	831		57.6	36-125				
Fluorene	441	41.6	"	831		53.0	16-130				
Hexachlorobenzene	347	41.6	"	831		41.7	10-129				
Hexachlorobutadiene	474	41.6	"	831		57.1	22-153				
Hexachlorocyclopentadiene	175	41.6	"	831		21.1	10-134				
Hexachloroethane	342	41.6	"	831		41.2	20-112				
Indeno(1,2,3-cd)pyrene	471	41.6	"	831		56.7	10-155				
Isophorone	439	41.6	"	831		52.9	14-131				
Naphthalene	411	41.6	"	831		49.5	20-121				
Nitrobenzene	439	41.6	"	831		52.8	20-121				
N-Nitrosodimethylamine	384	41.6	"	831		46.2	10-124				
N-nitroso-di-n-propylamine	410	41.6	"	831		49.4	21-119				
N-Nitrosodiphenylamine	490	41.6	"	831		59.0	10-163				
Pentachlorophenol	325	41.6	"	831		39.1	10-143				
Phenanthrene	442	41.6	"	831		53.2	24-123				
Phenol	455	41.6	"	831		54.8	15-123				
Pyrene	432	41.6	"	831		52.0	24-132				
Surrogate: SURR: 2-Fluorophenol	*818*		"	*1660*		*49.2*	*20-108*				
Surrogate: SURR: Phenol-d5	*810*		"	*1660*		*48.8*	*23-114*				
Surrogate: SURR: Nitrobenzene-d5	*550*		"	*831*		*66.2*	*22-108*				
Surrogate: SURR: 2-Fluorobiphenyl	*403*		"	*831*		*48.5*	*21-113*				
Surrogate: SURR: 2,4,6-Tribromophenol	*1170*		"	*1660*		*70.7*	*19-110*				
Surrogate: SURR: Terphenyl-d14	*544*		"	*831*		*65.5*	*24-116*				

Polychlorinated Biphenyls by GC/ECD - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BG01426 - EPA 3550C											
Blank (BG01426-BLK2)								Prepared & Analyzed: 07/29/2020			
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	*0.0515*		*"*	*0.0664*		*77.5*	*30-140*				
Surrogate: Decachlorobiphenyl	*0.0595*		*"*	*0.0664*		*89.5*	*30-140*				
LCS (BG01426-BS2)								Prepared & Analyzed: 07/29/2020			
Aroclor 1016	0.231	0.0166	mg/kg wet	0.332		69.4	40-130				
Aroclor 1260	0.240	0.0166	"	0.332		72.2	40-130				
Surrogate: Tetrachloro-m-xylene	*0.0449*		*"*	*0.0664*		*67.5*	*30-140*				
Surrogate: Decachlorobiphenyl	*0.0545*		*"*	*0.0664*		*82.0*	*30-140*				
Batch Y0G2924 - BG01424											
Aroclor Reference (Y0G2924-ARC1)								Prepared & Analyzed: 07/29/2020			
Surrogate: Tetrachloro-m-xylene	*0.202*		*ug/mL*	*0.200*		*101*					
Surrogate: Decachlorobiphenyl	*0.200*		*"*	*0.200*		*100*					

Metals by ICP - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BG01303 - EPA 3050B											
Blank (BG01303-BLK1)											Prepared: 07/27/2020 Analyzed: 07/29/2020
Aluminum	ND	5.00	mg/kg wet								
Antimony	ND	2.50	"								
Arsenic	ND	1.50	"								
Barium	ND	2.50	"								
Beryllium	ND	0.050	"								
Cadmium	ND	0.300	"								
Calcium	ND	5.00	"								
Chromium	ND	0.500	"								
Cobalt	ND	0.400	"								
Copper	2.13	2.00	"								
Iron	ND	25.0	"								
Lead	ND	0.500	"								
Magnesium	ND	5.00	"								
Manganese	ND	0.500	"								
Nickel	ND	1.00	"								
Potassium	ND	5.00	"								
Selenium	ND	2.50	"								
Silver	ND	0.500	"								
Sodium	ND	50.0	"								
Thallium	ND	2.50	"								
Vanadium	ND	1.00	"								
Zinc	ND	2.50	"								
Reference (BG01303-SRM1)											Prepared: 07/27/2020 Analyzed: 07/29/2020
Aluminum	10100	5.00	mg/kg wet	8460		120	50.5-150.1				
Antimony	72.3	2.50	"	120		60.3	19-251.7				
Arsenic	106	1.50	"	95.5		111	70.1-129.8				
Barium	357	2.50	"	300		119	75-125				
Beryllium	112	0.050	"	103		108	75-125.2				
Cadmium	148	0.300	"	135		110	74.8-125.2				
Calcium	4950	5.00	"	4720		105	72.7-127.5				
Chromium	160	0.500	"	147		109	70.1-129.9				
Cobalt	48.9	0.400	"	43.2		113	75-125				
Copper	195	2.00	"	150		130	75.3-125.3	High Bias			
Iron	15100	25.0	"	14400		105	35.8-164.6				
Lead	97.8	0.500	"	92.3		106	70-130				
Magnesium	2530	5.00	"	2300		110	61.7-137.8				
Manganese	719	0.500	"	677		106	78.1-122				
Nickel	72.3	1.00	"	59.8		121	70.1-130.1				
Potassium	2270	5.00	"	2030		112	59.1-140.9				
Selenium	28.4	2.50	"	42.0		67.6	55.7-144.5				
Silver	42.3	0.500	"	40.3		105	69.2-130.8				
Sodium	149	50.0	"	139		107	36.1-163.3				
Thallium	88.3	2.50	"	83.1		106	65.3-146.8				
Vanadium	105	1.00	"	96.9		108	67-133.1				
Zinc	396	2.50	"	369		107	69.9-130.1				

Mercury by EPA 7000/200 Series Methods - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BG01310 - EPA 7473 soil											
Blank (BG01310-BLK1)									Prepared & Analyzed: 07/27/2020		
Mercury	ND	0.0300	mg/kg wet								
Reference (BG01310-SRM1)									Prepared & Analyzed: 07/27/2020		
Mercury	3.0086		mg/kg	3.71		81.1	65-135				

Volatile Analysis Sample Containers

Lab ID	Client Sample ID	Volatile Sample Container
20G0909-01	B-6 (0-2)	40mL Vial with Stir Bar-Cool 4° C
20G0909-02	B-6 (6-8)	40mL Pre-Tared Vial + 10mL MeOH; Cool to 4° C
20G0909-03	B-7 (0-2)	40mL Vial with Stir Bar-Cool 4° C
20G0909-04	B-7 (7-9)	40mL Vial with Stir Bar-Cool 4° C

Sample and Data Qualifiers Relating to This Work Order

S-08	The recovery of this surrogate was outside of QC limits.
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-MBLk	Analyte was detected in the batch method blank above the Reporting Limit.
M-ICV2	The recovery for this element in the ICV was outside the 90-110% recovery criteria.
M-CRL	The RL check for this element recovered outside of control limits.
J	Detected below the Reporting Limit but greater than or equal to the Method Detection Limit (MDL/LOD) or in the case of a TIC, the result is an estimated concentration.
CCV-L	The value reported is estimated due to its behavior during continuing calibration verification (>20% difference for average RF or >20% drift for linear or quadratic fit.) This value may be biased low.
CCV-H	The value reported is estimated due to its behavior during continuing calibration verification (>20% difference for average RF or >20% drift for linear or quadratic fit.) This value may be biased high.
CCV-E	The value reported is ESTIMATED. The value is estimated due to its behavior during continuing calibration verification (>20% Difference for average Rf or >20% Drift for quadratic fit).
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.

YORK
ANALYTICAL LABORATORIES, INC.

120 RESEARCH DR. STRATFORD, CT 06615
(203) 325-1371 FAX (203) 357-0166

Field Chain-of-Custody Record

NOTE: York's Std. Terms & Conditions are listed on the back side of this document. This document serves as your written authorization to York to proceed with the analyses requested and your signature binds you to York's Std. Terms & Conditions.

York Project No. 20G0909

YOUR Information	Report To:	Invoice To:	YOUR Project ID	Turn-Around Time	Report Type
Company: HES, Inc.	Company: Same	Company: Same	28-34 Pearl Street, Port Chester, New York	RUSH - Same Day ☐	Summary Report X
Address: One Deans Bridge Road	Address:	Address:		RUSH - Next Day ☐	Summary w/ QA Summary
Somers, New York 10589				RUSH - Two Day ☐	CT RCP Package
Phone No. (914) 276-2569	Phone No.	Phone No.		RUSH - Three Day ☐	CTRCP DQA/DUE Pkg
Contact Person:	Attention:	Attention:		RUSH - Four Day ☐	NY ASP A Package
E-Mail Address:	E-Mail Address:	E-Mail Address:	Samples from: CT___ NY X NJ___	Standard(5-7 Days) X	NY ASP B Package
					NJDEP Red. Deliv.
					Electronic Data Deliverables (EDD)
					Simple Excel
					NYSDEC EQuIS
					EQuIS (std)
					EZ-EDD (EQuIS)
					NJDEP SRP HazSite EDD
					GIS/KEY (std)
					Other
					York Regulatory Comparison
					Excel Spreadsheet
					Compare to the following Regs. (please fill in):

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/Authorized By (Signature)

Richard DeRito
Name (printed)

Matrix Codes
S - soil
Other - specify(oil, etc.)
WW - wastewater
GW - groundwater
DW - drinking water
Air-A - ambient air
Air-SV - soil vapor

Volatiles		Semi-Vols.	Pest/PCB/Herb	Metals	Misc. Org.	Full Lists	Misc.
8260 full	TICs	8270 or 625	8082PCB	RCRA8	TPH GRO	Pri.Poll.	Corrosivity
624	Site Spec.	STARS list	8081Pest	PP13 list	TPH DRO	TCL Organics	Reactivity
STARS list	Nassau Co.	BN Only	8151Herb	TAL	CT ETPH	TAL Met/CN	Ignitability
BTEX	Suffolk Co.	Acids Only	CT RCP	CT15 list	NY 310-13	Full TCLP	Flash Point
MTBE	Ketones	PAH list	App. IX	TAGM list	TPH 1664	Full App. IX	Sieve Anal.
TCL list	Oxygenates	TAGM list	Site Spec.	NJDEP list	Air TO14A	Part360-Routine	Heterotrophs
TAGM list	TCLP list	CT RCP list	SPLP or TCLP	Total	Air TO15	Part360-Baseline	TOX
CT RCP list	524.2	TCL list	TCLP Pest	Dissolved	Air STARS	Part 360-Expanded No Dioxin/Furans	BTU/lb.
Arom. only	502.2	NJDEP list	TCLP Herb	SPLP or TCLP	Air VPH	Part 360-Expanded Full List	Aquatic Tox.
Halog.only	NJDEP list	App. IX	Chlordane	Indiv. Metals	Air TICs	NYCDEP Sewer	TOC
App.IX list	SPLP or TCLP	TCLP BNA	608 Pest	LIST Below	Methane	NYSDEC Sewer	Asbestos
8021B list		SPLP or TCLP	608 PCB		Helium	TAGM	Silica

Sample Identification	Date Sampled	Sample Matrix	Choose Analyses Needed from the Menu Above and Enter Below	Container Description(s)
B-6 (0-2)	7/23/20	S	EPA 8260 + 8270, TAL Metals	(1) 8oz (3) VOAS
B-6 (6-8)	"	"	EPA 8260 + 8270	"
B-7 (0-2)	"	"	EPA 8260 + 8270, TAL Metals, PCBs	"
B-7 (7-9)	"	"	EPA 8260 + 8270	"

Comments

Preservation Check those Applicable: 4°C___ Frozen___ HCl___ MeOH___ HNO3___ H2SO4___ NaOH___ ZnAc___ Ascorbic Acid___ Other___

Special Instructions
Field Filtered ☐
Lab to Filter ☐

Samples Relinquished By	Date/Time	Samples Received By	Date/Time
	7-24-20 9:15		7-24-20 9:15
	7-24-20 1418		7/24/20 1418
Samples Relinquished By	Date/Time	Samples Received in LAB by	Date/Time

Temperature on Receipt 1.4 °C

Technical Report

prepared for:

Hydro Environmental Solutions
One Deans Bridge Road
Somers NY, 10589
Attention: Bill Canavan

Report Date: 08/05/2020
Client Project ID: 28-34 Pearl Street, Port Chester, New York
York Project (SDG) No.: 20G1136

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

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

Report Date: 08/05/2020
Client Project ID: 28-34 Pearl Street, Port Chester, New York
York Project (SDG) No.: 20G1136

Hydro Environmental Solutions
One Deans Bridge Road
Somers NY, 10589
Attention: Bill Canavan

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 July 30, 2020 and listed below. The project was identified as your project: **28-34 Pearl Street, Port Chester, New York**.

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.

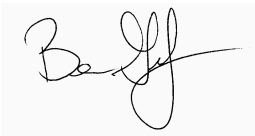
The results of the analyses, which are all reported on dry weight basis (soils) unless otherwise noted, are detailed in the following pages.

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
20G1136-01	VP-3	Soil Vapor	07/28/2020	07/30/2020
20G1136-02	VP-4	Soil Vapor	07/28/2020	07/30/2020
20G1136-03	VP-2	Soil Vapor	07/28/2020	07/30/2020
20G1136-04	VP-1	Soil Vapor	07/28/2020	07/30/2020
20G1136-05	Outside	Outdoor Ambient Ai	07/28/2020	07/30/2020

General Notes for York Project (SDG) No.: 20G1136

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

Approved By: 

Date: 08/05/2020

Benjamin Gulizia
Laboratory Director

Sample Information

Client Sample ID: VP-3 **York Sample ID:** 20G1136-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
20G1136	28-34 Pearl Street, Port Chester, New York	Soil Vapor	July 28, 2020 12:00 am	07/30/2020

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	15.83	EPA TO-15 Certifications:	08/04/2020 09:00	08/04/2020 22:29	LLJ
71-55-6	1,1,1-Trichloroethane	ND		ug/m³	8.6	15.83	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	08/04/2020 09:00	08/04/2020 22:29	LLJ
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/m³	11	15.83	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	08/04/2020 09:00	08/04/2020 22:29	LLJ
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/m³	12	15.83	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	08/04/2020 09:00	08/04/2020 22:29	LLJ
79-00-5	1,1,2-Trichloroethane	ND		ug/m³	8.6	15.83	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	08/04/2020 09:00	08/04/2020 22:29	LLJ
75-34-3	1,1-Dichloroethane	ND		ug/m³	6.4	15.83	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	08/04/2020 09:00	08/04/2020 22:29	LLJ
75-35-4	1,1-Dichloroethylene	ND		ug/m³	1.6	15.83	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	08/04/2020 09:00	08/04/2020 22:29	LLJ
120-82-1	1,2,4-Trichlorobenzene	ND		ug/m³	12	15.83	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	08/04/2020 09:00	08/04/2020 22:29	LLJ
95-63-6	1,2,4-Trimethylbenzene	ND		ug/m³	7.8	15.83	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	08/04/2020 09:00	08/04/2020 22:29	LLJ
106-93-4	1,2-Dibromoethane	ND		ug/m³	12	15.83	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	08/04/2020 09:00	08/04/2020 22:29	LLJ
95-50-1	1,2-Dichlorobenzene	ND		ug/m³	9.5	15.83	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	08/04/2020 09:00	08/04/2020 22:29	LLJ
107-06-2	1,2-Dichloroethane	ND		ug/m³	6.4	15.83	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	08/04/2020 09:00	08/04/2020 22:29	LLJ
78-87-5	1,2-Dichloropropane	ND		ug/m³	7.3	15.83	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	08/04/2020 09:00	08/04/2020 22:29	LLJ
76-14-2	1,2-Dichlorotetrafluoroethane	ND		ug/m³	11	15.83	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	08/04/2020 09:00	08/04/2020 22:29	LLJ
108-67-8	1,3,5-Trimethylbenzene	ND		ug/m³	7.8	15.83	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	08/04/2020 09:00	08/04/2020 22:29	LLJ
106-99-0	1,3-Butadiene	ND		ug/m³	11	15.83	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	08/04/2020 09:00	08/04/2020 22:29	LLJ
541-73-1	1,3-Dichlorobenzene	ND		ug/m³	9.5	15.83	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	08/04/2020 09:00	08/04/2020 22:29	LLJ
142-28-9	* 1,3-Dichloropropane	ND		ug/m³	7.3	15.83	EPA TO-15 Certifications:	08/04/2020 09:00	08/04/2020 22:29	LLJ
106-46-7	1,4-Dichlorobenzene	ND		ug/m³	9.5	15.83	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	08/04/2020 09:00	08/04/2020 22:29	LLJ
123-91-1	1,4-Dioxane	ND		ug/m³	11	15.83	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	08/04/2020 09:00	08/04/2020 22:29	LLJ
78-93-3	**2-Butanone**	**60**		ug/m³	4.7	15.83	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	08/04/2020 09:00	08/04/2020 22:29	LLJ
591-78-6	* 2-Hexanone	ND	TO-LC S-L	ug/m³	13	15.83	EPA TO-15 Certifications:	08/04/2020 09:00	08/04/2020 22:29	LLJ

Sample Information

Client Sample ID: VP-3 **York Sample ID:** 20G1136-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
20G1136	28-34 Pearl Street, Port Chester, New York	Soil Vapor	July 28, 2020 12:00 am	07/30/2020

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
107-05-1	3-Chloropropene	ND		ug/m³	25	15.83	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	08/04/2020 09:00	08/04/2020 22:29	LLJ
108-10-1	4-Methyl-2-pentanone	ND		ug/m³	6.5	15.83	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	08/04/2020 09:00	08/04/2020 22:29	LLJ
67-64-1	**Acetone**	**1100**		ug/m³	7.5	15.83	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	08/04/2020 09:00	08/04/2020 22:29	LLJ
107-13-1	Acrylonitrile	ND		ug/m³	3.4	15.83	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	08/04/2020 09:00	08/04/2020 22:29	LLJ
71-43-2	**Benzene**	**5.6**		ug/m³	5.1	15.83	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	08/04/2020 09:00	08/04/2020 22:29	LLJ
100-44-7	Benzyl chloride	ND		ug/m³	8.2	15.83	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	08/04/2020 09:00	08/04/2020 22:29	LLJ
75-27-4	Bromodichloromethane	ND		ug/m³	11	15.83	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	08/04/2020 09:00	08/04/2020 22:29	LLJ
75-25-2	Bromoform	ND		ug/m³	16	15.83	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	08/04/2020 09:00	08/04/2020 22:29	LLJ
74-83-9	Bromomethane	ND		ug/m³	6.1	15.83	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	08/04/2020 09:00	08/04/2020 22:29	LLJ
75-15-0	**Carbon disulfide**	**10**		ug/m³	4.9	15.83	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	08/04/2020 09:00	08/04/2020 22:29	LLJ
56-23-5	Carbon tetrachloride	ND		ug/m³	2.5	15.83	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	08/04/2020 09:00	08/04/2020 22:29	LLJ
108-90-7	Chlorobenzene	ND		ug/m³	7.3	15.83	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	08/04/2020 09:00	08/04/2020 22:29	LLJ
75-00-3	Chloroethane	ND		ug/m³	4.2	15.83	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	08/04/2020 09:00	08/04/2020 22:29	LLJ
67-66-3	**Chloroform**	**52**		ug/m³	7.7	15.83	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	08/04/2020 09:00	08/04/2020 22:29	LLJ
74-87-3	Chloromethane	ND		ug/m³	3.3	15.83	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	08/04/2020 09:00	08/04/2020 22:29	LLJ
156-59-2	cis-1,2-Dichloroethylene	ND		ug/m³	1.6	15.83	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	08/04/2020 09:00	08/04/2020 22:29	LLJ
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/m³	7.2	15.83	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	08/04/2020 09:00	08/04/2020 22:29	LLJ
110-82-7	**Cyclohexane**	**150**		ug/m³	5.4	15.83	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	08/04/2020 09:00	08/04/2020 22:29	LLJ
124-48-1	Dibromochloromethane	ND		ug/m³	13	15.83	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	08/04/2020 09:00	08/04/2020 22:29	LLJ
75-71-8	**Dichlorodifluoromethane**	**22**		ug/m³	7.8	15.83	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	08/04/2020 09:00	08/04/2020 22:29	LLJ
141-78-6	* Ethyl acetate	ND		ug/m³	11	15.83	EPA TO-15 Certifications:	08/04/2020 09:00	08/04/2020 22:29	LLJ
100-41-4	Ethyl Benzene	ND		ug/m³	6.9	15.83	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	08/04/2020 09:00	08/04/2020 22:29	LLJ
87-68-3	Hexachlorobutadiene	ND		ug/m³	17	15.83	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	08/04/2020 09:00	08/04/2020 22:29	LLJ

Sample Information

Client Sample ID: VP-3 **York Sample ID:** 20G1136-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
20G1136	28-34 Pearl Street, Port Chester, New York	Soil Vapor	July 28, 2020 12:00 am	07/30/2020

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
67-63-0	Isopropanol	ND		ug/m³	7.8	15.83	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	08/04/2020 09:00	08/04/2020 22:29	LLJ
80-62-6	Methyl Methacrylate	ND		ug/m³	6.5	15.83	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	08/04/2020 09:00	08/04/2020 22:29	LLJ
1634-04-4	**Methyl tert-butyl ether (MTBE)**	**6.3**		ug/m³	5.7	15.83	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	08/04/2020 09:00	08/04/2020 22:29	LLJ
75-09-2	Methylene chloride	ND		ug/m³	11	15.83	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	08/04/2020 09:00	08/04/2020 22:29	LLJ
142-82-5	**n-Heptane**	**230**		ug/m³	6.5	15.83	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	08/04/2020 09:00	08/04/2020 22:29	LLJ
110-54-3	**n-Hexane**	**430**		ug/m³	5.6	15.83	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	08/04/2020 09:00	08/04/2020 22:29	LLJ
95-47-6	o-Xylene	ND		ug/m³	6.9	15.83	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	08/04/2020 09:00	08/04/2020 22:29	LLJ
179601-23-1	p- & m- Xylenes	ND		ug/m³	14	15.83	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	08/04/2020 09:00	08/04/2020 22:29	LLJ
622-96-8	* p-Ethyltoluene	ND		ug/m³	7.8	15.83	EPA TO-15 Certifications:	08/04/2020 09:00	08/04/2020 22:29	LLJ
115-07-1	*** Propylene**	**7.9**		ug/m³	2.7	15.83	EPA TO-15 Certifications:	08/04/2020 09:00	08/04/2020 22:29	LLJ
100-42-5	Styrene	ND		ug/m³	6.7	15.83	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	08/04/2020 09:00	08/04/2020 22:29	LLJ
127-18-4	**Tetrachloroethylene**	**1100**		ug/m³	11	15.83	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	08/04/2020 09:00	08/04/2020 22:29	LLJ
109-99-9	* Tetrahydrofuran	ND		ug/m³	9.3	15.83	EPA TO-15 Certifications:	08/04/2020 09:00	08/04/2020 22:29	LLJ
108-88-3	Toluene	ND		ug/m³	6.0	15.83	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	08/04/2020 09:00	08/04/2020 22:29	LLJ
156-60-5	trans-1,2-Dichloroethylene	ND		ug/m³	6.3	15.83	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	08/04/2020 09:00	08/04/2020 22:29	LLJ
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/m³	7.2	15.83	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	08/04/2020 09:00	08/04/2020 22:29	LLJ
79-01-6	**Trichloroethylene**	**4.3**		ug/m³	2.1	15.83	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	08/04/2020 09:00	08/04/2020 22:29	LLJ
75-69-4	Trichlorofluoromethane (Freon 11)	ND		ug/m³	8.9	15.83	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	08/04/2020 09:00	08/04/2020 22:29	LLJ
108-05-4	Vinyl acetate	ND		ug/m³	5.6	15.83	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	08/04/2020 09:00	08/04/2020 22:29	LLJ
593-60-2	Vinyl bromide	ND		ug/m³	6.9	15.83	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	08/04/2020 09:00	08/04/2020 22:29	LLJ
75-01-4	Vinyl Chloride	ND		ug/m³	2.0	15.83	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	08/04/2020 09:00	08/04/2020 22:29	LLJ

	Surrogate Recoveries	Result	Acceptance Range
460-00-4	*Surrogate: SURR: p-Bromofluorobenzene*	*93.1 %*	*70-130*

Sample Information

Client Sample ID: VP-4 **York Sample ID:** 20G1136-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
20G1136	28-34 Pearl Street, Port Chester, New York	Soil Vapor	July 28, 2020 12:00 am	07/30/2020

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	5.2	7.512	EPA TO-15 Certifications:	08/04/2020 09:00	08/04/2020 23:16	LLJ
71-55-6	1,1,1-Trichloroethane	ND		ug/m³	4.1	7.512	EPA TO-15 Certifications:	08/04/2020 09:00 NELAC-NY12058,NJDEP-Queens	08/04/2020 23:16	LLJ
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/m³	5.2	7.512	EPA TO-15 Certifications:	08/04/2020 09:00 NELAC-NY12058,NJDEP-Queens	08/04/2020 23:16	LLJ
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/m³	5.8	7.512	EPA TO-15 Certifications:	08/04/2020 09:00 NELAC-NY12058,NJDEP-Queens	08/04/2020 23:16	LLJ
79-00-5	1,1,2-Trichloroethane	ND		ug/m³	4.1	7.512	EPA TO-15 Certifications:	08/04/2020 09:00 NELAC-NY12058,NJDEP-Queens	08/04/2020 23:16	LLJ
75-34-3	1,1-Dichloroethane	ND		ug/m³	3.0	7.512	EPA TO-15 Certifications:	08/04/2020 09:00 NELAC-NY12058,NJDEP-Queens	08/04/2020 23:16	LLJ
75-35-4	1,1-Dichloroethylene	ND		ug/m³	0.74	7.512	EPA TO-15 Certifications:	08/04/2020 09:00 NELAC-NY12058,NJDEP-Queens	08/04/2020 23:16	LLJ
120-82-1	1,2,4-Trichlorobenzene	ND		ug/m³	5.6	7.512	EPA TO-15 Certifications:	08/04/2020 09:00 NELAC-NY12058,NJDEP-Queens	08/04/2020 23:16	LLJ
95-63-6	1,2,4-Trimethylbenzene	ND		ug/m³	3.7	7.512	EPA TO-15 Certifications:	08/04/2020 09:00 NELAC-NY12058,NJDEP-Queens	08/04/2020 23:16	LLJ
106-93-4	1,2-Dibromoethane	ND		ug/m³	5.8	7.512	EPA TO-15 Certifications:	08/04/2020 09:00 NELAC-NY12058,NJDEP-Queens	08/04/2020 23:16	LLJ
95-50-1	1,2-Dichlorobenzene	ND		ug/m³	4.5	7.512	EPA TO-15 Certifications:	08/04/2020 09:00 NELAC-NY12058,NJDEP-Queens	08/04/2020 23:16	LLJ
107-06-2	**1,2-Dichloroethane**	**110**		ug/m³	3.0	7.512	EPA TO-15 Certifications:	08/04/2020 09:00 NELAC-NY12058,NJDEP-Queens	08/04/2020 23:16	LLJ
78-87-5	1,2-Dichloropropane	ND		ug/m³	3.5	7.512	EPA TO-15 Certifications:	08/04/2020 09:00 NELAC-NY12058,NJDEP-Queens	08/04/2020 23:16	LLJ
76-14-2	1,2-Dichlorotetrafluoroethane	ND		ug/m³	5.3	7.512	EPA TO-15 Certifications:	08/04/2020 09:00 NELAC-NY12058,NJDEP-Queens	08/04/2020 23:16	LLJ
108-67-8	1,3,5-Trimethylbenzene	ND		ug/m³	3.7	7.512	EPA TO-15 Certifications:	08/04/2020 09:00 NELAC-NY12058,NJDEP-Queens	08/04/2020 23:16	LLJ
106-99-0	1,3-Butadiene	ND		ug/m³	5.0	7.512	EPA TO-15 Certifications:	08/04/2020 09:00 NELAC-NY12058,NJDEP-Queens	08/04/2020 23:16	LLJ
541-73-1	1,3-Dichlorobenzene	ND		ug/m³	4.5	7.512	EPA TO-15 Certifications:	08/04/2020 09:00 NELAC-NY12058,NJDEP-Queens	08/04/2020 23:16	LLJ
142-28-9	* 1,3-Dichloropropane	ND		ug/m³	3.5	7.512	EPA TO-15 Certifications:	08/04/2020 09:00	08/04/2020 23:16	LLJ
106-46-7	1,4-Dichlorobenzene	ND		ug/m³	4.5	7.512	EPA TO-15 Certifications:	08/04/2020 09:00 NELAC-NY12058,NJDEP-Queens	08/04/2020 23:16	LLJ
123-91-1	1,4-Dioxane	ND		ug/m³	5.4	7.512	EPA TO-15 Certifications:	08/04/2020 09:00 NELAC-NY12058,NJDEP-Queens	08/04/2020 23:16	LLJ
78-93-3	**2-Butanone**	**53**		ug/m³	2.2	7.512	EPA TO-15 Certifications:	08/04/2020 09:00 NELAC-NY12058,NJDEP-Queens	08/04/2020 23:16	LLJ
591-78-6	*** 2-Hexanone**	**14**	TO-LC S-L	ug/m³	6.2	7.512	EPA TO-15 Certifications:	08/04/2020 09:00	08/04/2020 23:16	LLJ
107-05-1	3-Chloropropene	ND		ug/m³	12	7.512	EPA TO-15 Certifications:	08/04/2020 09:00 NELAC-NY12058,NJDEP-Queens	08/04/2020 23:16	LLJ

Sample Information

Client Sample ID: VP-4 **York Sample ID:** 20G1136-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
20G1136	28-34 Pearl Street, Port Chester, New York	Soil Vapor	July 28, 2020 12:00 am	07/30/2020

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
108-10-1	4-Methyl-2-pentanone	ND		ug/m³	3.1	7.512	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	08/04/2020 09:00	08/04/2020 23:16	LLJ
67-64-1	**Acetone**	**430**		ug/m³	3.6	7.512	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	08/04/2020 09:00	08/04/2020 23:16	LLJ
107-13-1	Acrylonitrile	ND		ug/m³	1.6	7.512	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	08/04/2020 09:00	08/04/2020 23:16	LLJ
71-43-2	**Benzene**	**10**		ug/m³	2.4	7.512	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	08/04/2020 09:00	08/04/2020 23:16	LLJ
100-44-7	Benzyl chloride	ND		ug/m³	3.9	7.512	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	08/04/2020 09:00	08/04/2020 23:16	LLJ
75-27-4	Bromodichloromethane	ND		ug/m³	5.0	7.512	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	08/04/2020 09:00	08/04/2020 23:16	LLJ
75-25-2	Bromoform	ND		ug/m³	7.8	7.512	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	08/04/2020 09:00	08/04/2020 23:16	LLJ
74-83-9	Bromomethane	ND		ug/m³	2.9	7.512	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	08/04/2020 09:00	08/04/2020 23:16	LLJ
75-15-0	Carbon disulfide	ND		ug/m³	2.3	7.512	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	08/04/2020 09:00	08/04/2020 23:16	LLJ
56-23-5	Carbon tetrachloride	ND		ug/m³	1.2	7.512	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	08/04/2020 09:00	08/04/2020 23:16	LLJ
108-90-7	Chlorobenzene	ND		ug/m³	3.5	7.512	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	08/04/2020 09:00	08/04/2020 23:16	LLJ
75-00-3	Chloroethane	ND		ug/m³	2.0	7.512	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	08/04/2020 09:00	08/04/2020 23:16	LLJ
67-66-3	Chloroform	ND		ug/m³	3.7	7.512	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	08/04/2020 09:00	08/04/2020 23:16	LLJ
74-87-3	Chloromethane	ND		ug/m³	1.6	7.512	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	08/04/2020 09:00	08/04/2020 23:16	LLJ
156-59-2	cis-1,2-Dichloroethylene	ND		ug/m³	0.74	7.512	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	08/04/2020 09:00	08/04/2020 23:16	LLJ
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/m³	3.4	7.512	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	08/04/2020 09:00	08/04/2020 23:16	LLJ
110-82-7	Cyclohexane	ND		ug/m³	2.6	7.512	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	08/04/2020 09:00	08/04/2020 23:16	LLJ
124-48-1	Dibromochloromethane	ND		ug/m³	6.4	7.512	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	08/04/2020 09:00	08/04/2020 23:16	LLJ
75-71-8	Dichlorodifluoromethane	ND		ug/m³	3.7	7.512	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	08/04/2020 09:00	08/04/2020 23:16	LLJ
141-78-6	* Ethyl acetate	ND		ug/m³	5.4	7.512	EPA TO-15 Certifications:	08/04/2020 09:00	08/04/2020 23:16	LLJ
100-41-4	Ethyl Benzene	ND		ug/m³	3.3	7.512	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	08/04/2020 09:00	08/04/2020 23:16	LLJ
87-68-3	Hexachlorobutadiene	ND		ug/m³	8.0	7.512	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	08/04/2020 09:00	08/04/2020 23:16	LLJ
67-63-0	Isopropanol	ND		ug/m³	3.7	7.512	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	08/04/2020 09:00	08/04/2020 23:16	LLJ

Sample Information

Client Sample ID: VP-4 **York Sample ID:** 20G1136-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
20G1136	28-34 Pearl Street, Port Chester, New York	Soil Vapor	July 28, 2020 12:00 am	07/30/2020

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
80-62-6	Methyl Methacrylate	ND		ug/m³	3.1	7.512	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	08/04/2020 09:00	08/04/2020 23:16	LLJ
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/m³	2.7	7.512	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	08/04/2020 09:00	08/04/2020 23:16	LLJ
75-09-2	Methylene chloride	ND		ug/m³	5.2	7.512	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	08/04/2020 09:00	08/04/2020 23:16	LLJ
142-82-5	n-Heptane	ND		ug/m³	3.1	7.512	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	08/04/2020 09:00	08/04/2020 23:16	LLJ
110-54-3	**n-Hexane**	**4.2**		ug/m³	2.6	7.512	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	08/04/2020 09:00	08/04/2020 23:16	LLJ
95-47-6	**o-Xylene**	**3.6**		ug/m³	3.3	7.512	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	08/04/2020 09:00	08/04/2020 23:16	LLJ
179601-23-1	**p- & m- Xylenes**	**6.5**		ug/m³	6.5	7.512	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	08/04/2020 09:00	08/04/2020 23:16	LLJ
622-96-8	* p-Ethyltoluene	ND		ug/m³	3.7	7.512	EPA TO-15 Certifications:	08/04/2020 09:00	08/04/2020 23:16	LLJ
115-07-1	*** Propylene**	**2.1**		ug/m³	1.3	7.512	EPA TO-15 Certifications:	08/04/2020 09:00	08/04/2020 23:16	LLJ
100-42-5	Styrene	ND		ug/m³	3.2	7.512	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	08/04/2020 09:00	08/04/2020 23:16	LLJ
127-18-4	**Tetrachloroethylene**	**230**		ug/m³	5.1	7.512	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	08/04/2020 09:00	08/04/2020 23:16	LLJ
109-99-9	* Tetrahydrofuran	ND		ug/m³	4.4	7.512	EPA TO-15 Certifications:	08/04/2020 09:00	08/04/2020 23:16	LLJ
108-88-3	**Toluene**	**13**		ug/m³	2.8	7.512	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	08/04/2020 09:00	08/04/2020 23:16	LLJ
156-60-5	trans-1,2-Dichloroethylene	ND		ug/m³	3.0	7.512	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	08/04/2020 09:00	08/04/2020 23:16	LLJ
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/m³	3.4	7.512	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	08/04/2020 09:00	08/04/2020 23:16	LLJ
79-01-6	Trichloroethylene	ND		ug/m³	1.0	7.512	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	08/04/2020 09:00	08/04/2020 23:16	LLJ
75-69-4	Trichlorofluoromethane (Freon 11)	ND		ug/m³	4.2	7.512	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	08/04/2020 09:00	08/04/2020 23:16	LLJ
108-05-4	Vinyl acetate	ND		ug/m³	2.6	7.512	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	08/04/2020 09:00	08/04/2020 23:16	LLJ
593-60-2	Vinyl bromide	ND		ug/m³	3.3	7.512	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	08/04/2020 09:00	08/04/2020 23:16	LLJ
75-01-4	Vinyl Chloride	ND		ug/m³	0.96	7.512	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	08/04/2020 09:00	08/04/2020 23:16	LLJ

	Surrogate Recoveries	Result	Acceptance Range
460-00-4	*Surrogate: SURR: p-Bromofluorobenzene*	*90.2 %*	*70-130*

Sample Information

Client Sample ID: VP-2 **York Sample ID:** 20G1136-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
20G1136	28-34 Pearl Street, Port Chester, New York	Soil Vapor	July 28, 2020 12:00 am	07/30/2020

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	52	75.9	EPA TO-15 Certifications:	08/04/2020 09:00	08/04/2020 20:11	LLJ
71-55-6	1,1,1-Trichloroethane	ND		ug/m³	41	75.9	EPA TO-15 Certifications:	08/04/2020 09:00 NELAC-NY12058,NJDEP-Queens	08/04/2020 20:11	LLJ
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/m³	52	75.9	EPA TO-15 Certifications:	08/04/2020 09:00 NELAC-NY12058,NJDEP-Queens	08/04/2020 20:11	LLJ
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/m³	58	75.9	EPA TO-15 Certifications:	08/04/2020 09:00 NELAC-NY12058,NJDEP-Queens	08/04/2020 20:11	LLJ
79-00-5	1,1,2-Trichloroethane	ND		ug/m³	41	75.9	EPA TO-15 Certifications:	08/04/2020 09:00 NELAC-NY12058,NJDEP-Queens	08/04/2020 20:11	LLJ
75-34-3	1,1-Dichloroethane	ND		ug/m³	31	75.9	EPA TO-15 Certifications:	08/04/2020 09:00 NELAC-NY12058,NJDEP-Queens	08/04/2020 20:11	LLJ
75-35-4	1,1-Dichloroethylene	ND		ug/m³	7.5	75.9	EPA TO-15 Certifications:	08/04/2020 09:00 NELAC-NY12058,NJDEP-Queens	08/04/2020 20:11	LLJ
120-82-1	1,2,4-Trichlorobenzene	ND		ug/m³	56	75.9	EPA TO-15 Certifications:	08/04/2020 09:00 NELAC-NY12058,NJDEP-Queens	08/04/2020 20:11	LLJ
95-63-6	**1,2,4-Trimethylbenzene**	**75**		ug/m³	37	75.9	EPA TO-15 Certifications:	08/04/2020 09:00 NELAC-NY12058,NJDEP-Queens	08/04/2020 20:11	LLJ
106-93-4	1,2-Dibromoethane	ND		ug/m³	58	75.9	EPA TO-15 Certifications:	08/04/2020 09:00 NELAC-NY12058,NJDEP-Queens	08/04/2020 20:11	LLJ
95-50-1	1,2-Dichlorobenzene	ND		ug/m³	46	75.9	EPA TO-15 Certifications:	08/04/2020 09:00 NELAC-NY12058,NJDEP-Queens	08/04/2020 20:11	LLJ
107-06-2	1,2-Dichloroethane	ND		ug/m³	31	75.9	EPA TO-15 Certifications:	08/04/2020 09:00 NELAC-NY12058,NJDEP-Queens	08/04/2020 20:11	LLJ
78-87-5	1,2-Dichloropropane	ND		ug/m³	35	75.9	EPA TO-15 Certifications:	08/04/2020 09:00 NELAC-NY12058,NJDEP-Queens	08/04/2020 20:11	LLJ
76-14-2	1,2-Dichlorotetrafluoroethane	ND		ug/m³	53	75.9	EPA TO-15 Certifications:	08/04/2020 09:00 NELAC-NY12058,NJDEP-Queens	08/04/2020 20:11	LLJ
108-67-8	**1,3,5-Trimethylbenzene**	**400**		ug/m³	37	75.9	EPA TO-15 Certifications:	08/04/2020 09:00 NELAC-NY12058,NJDEP-Queens	08/04/2020 20:11	LLJ
106-99-0	1,3-Butadiene	ND		ug/m³	50	75.9	EPA TO-15 Certifications:	08/04/2020 09:00 NELAC-NY12058,NJDEP-Queens	08/04/2020 20:11	LLJ
541-73-1	1,3-Dichlorobenzene	ND		ug/m³	46	75.9	EPA TO-15 Certifications:	08/04/2020 09:00 NELAC-NY12058,NJDEP-Queens	08/04/2020 20:11	LLJ
142-28-9	* 1,3-Dichloropropane	ND		ug/m³	35	75.9	EPA TO-15 Certifications:	08/04/2020 09:00	08/04/2020 20:11	LLJ
106-46-7	1,4-Dichlorobenzene	ND		ug/m³	46	75.9	EPA TO-15 Certifications:	08/04/2020 09:00 NELAC-NY12058,NJDEP-Queens	08/04/2020 20:11	LLJ
123-91-1	1,4-Dioxane	ND		ug/m³	55	75.9	EPA TO-15 Certifications:	08/04/2020 09:00 NELAC-NY12058,NJDEP-Queens	08/04/2020 20:11	LLJ
78-93-3	2-Butanone	ND		ug/m³	22	75.9	EPA TO-15 Certifications:	08/04/2020 09:00 NELAC-NY12058,NJDEP-Queens	08/04/2020 20:11	LLJ
591-78-6	* 2-Hexanone	ND		ug/m³	62	75.9	EPA TO-15 Certifications:	08/04/2020 09:00	08/04/2020 20:11	LLJ
107-05-1	3-Chloropropene	ND		ug/m³	120	75.9	EPA TO-15 Certifications:	08/04/2020 09:00 NELAC-NY12058,NJDEP-Queens	08/04/2020 20:11	LLJ

Sample Information

Client Sample ID: VP-2 **York Sample ID:** 20G1136-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
20G1136	28-34 Pearl Street, Port Chester, New York	Soil Vapor	July 28, 2020 12:00 am	07/30/2020

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
108-10-1	4-Methyl-2-pentanone	ND		ug/m³	31	75.9	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	08/04/2020 09:00	08/04/2020 20:11	LLJ
67-64-1	**Acetone**	**210**		ug/m³	36	75.9	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	08/04/2020 09:00	08/04/2020 20:11	LLJ
107-13-1	Acrylonitrile	ND		ug/m³	16	75.9	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	08/04/2020 09:00	08/04/2020 20:11	LLJ
71-43-2	**Benzene**	**4400**		ug/m³	24	75.9	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	08/04/2020 09:00	08/04/2020 20:11	LLJ
100-44-7	Benzyl chloride	ND		ug/m³	39	75.9	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	08/04/2020 09:00	08/04/2020 20:11	LLJ
75-27-4	Bromodichloromethane	ND		ug/m³	51	75.9	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	08/04/2020 09:00	08/04/2020 20:11	LLJ
75-25-2	Bromoform	ND		ug/m³	78	75.9	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	08/04/2020 09:00	08/04/2020 20:11	LLJ
74-83-9	Bromomethane	ND		ug/m³	29	75.9	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	08/04/2020 09:00	08/04/2020 20:11	LLJ
75-15-0	Carbon disulfide	ND		ug/m³	24	75.9	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	08/04/2020 09:00	08/04/2020 20:11	LLJ
56-23-5	Carbon tetrachloride	ND		ug/m³	12	75.9	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	08/04/2020 09:00	08/04/2020 20:11	LLJ
108-90-7	Chlorobenzene	ND		ug/m³	35	75.9	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	08/04/2020 09:00	08/04/2020 20:11	LLJ
75-00-3	Chloroethane	ND		ug/m³	20	75.9	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	08/04/2020 09:00	08/04/2020 20:11	LLJ
67-66-3	Chloroform	ND		ug/m³	37	75.9	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	08/04/2020 09:00	08/04/2020 20:11	LLJ
74-87-3	Chloromethane	ND		ug/m³	16	75.9	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	08/04/2020 09:00	08/04/2020 20:11	LLJ
156-59-2	cis-1,2-Dichloroethylene	ND		ug/m³	7.5	75.9	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	08/04/2020 09:00	08/04/2020 20:11	LLJ
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/m³	34	75.9	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	08/04/2020 09:00	08/04/2020 20:11	LLJ
110-82-7	**Cyclohexane**	**180000**		ug/m³	1300	3898	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	08/04/2020 09:00	08/04/2020 21:43	LLJ
124-48-1	Dibromochloromethane	ND		ug/m³	65	75.9	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	08/04/2020 09:00	08/04/2020 20:11	LLJ
75-71-8	Dichlorodifluoromethane	ND		ug/m³	38	75.9	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	08/04/2020 09:00	08/04/2020 20:11	LLJ
141-78-6	* Ethyl acetate	ND		ug/m³	55	75.9	EPA TO-15 Certifications:	08/04/2020 09:00	08/04/2020 20:11	LLJ
100-41-4	**Ethyl Benzene**	**1100**		ug/m³	33	75.9	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	08/04/2020 09:00	08/04/2020 20:11	LLJ
87-68-3	Hexachlorobutadiene	ND		ug/m³	81	75.9	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	08/04/2020 09:00	08/04/2020 20:11	LLJ
67-63-0	Isopropanol	ND		ug/m³	37	75.9	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	08/04/2020 09:00	08/04/2020 20:11	LLJ

Sample Information

Client Sample ID: VP-2 **York Sample ID:** 20G1136-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
20G1136	28-34 Pearl Street, Port Chester, New York	Soil Vapor	July 28, 2020 12:00 am	07/30/2020

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
80-62-6	Methyl Methacrylate	ND		ug/m³	31	75.9	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	08/04/2020 09:00	08/04/2020 20:11	LLJ
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/m³	27	75.9	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	08/04/2020 09:00	08/04/2020 20:11	LLJ
75-09-2	Methylene chloride	ND		ug/m³	53	75.9	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	08/04/2020 09:00	08/04/2020 20:11	LLJ
142-82-5	**n-Heptane**	**270000**		ug/m³	1600	3898	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	08/04/2020 09:00	08/04/2020 21:43	LLJ
110-54-3	**n-Hexane**	**530000**		ug/m³	1400	3898	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	08/04/2020 09:00	08/04/2020 21:43	LLJ
95-47-6	**o-Xylene**	**510**		ug/m³	33	75.9	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	08/04/2020 09:00	08/04/2020 20:11	LLJ
179601-23-1	**p- & m- Xylenes**	**1900**		ug/m³	66	75.9	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	08/04/2020 09:00	08/04/2020 20:11	LLJ
622-96-8	*** p-Ethyltoluene**	**470**		ug/m³	37	75.9	EPA TO-15 Certifications:	08/04/2020 09:00	08/04/2020 20:11	LLJ
115-07-1	* Propylene	ND		ug/m³	13	75.9	EPA TO-15 Certifications:	08/04/2020 09:00	08/04/2020 20:11	LLJ
100-42-5	Styrene	ND		ug/m³	32	75.9	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	08/04/2020 09:00	08/04/2020 20:11	LLJ
127-18-4	Tetrachloroethylene	ND		ug/m³	51	75.9	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	08/04/2020 09:00	08/04/2020 20:11	LLJ
109-99-9	* Tetrahydrofuran	ND		ug/m³	45	75.9	EPA TO-15 Certifications:	08/04/2020 09:00	08/04/2020 20:11	LLJ
108-88-3	**Toluene**	**130**		ug/m³	29	75.9	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	08/04/2020 09:00	08/04/2020 20:11	LLJ
156-60-5	trans-1,2-Dichloroethylene	ND		ug/m³	30	75.9	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	08/04/2020 09:00	08/04/2020 20:11	LLJ
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/m³	34	75.9	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	08/04/2020 09:00	08/04/2020 20:11	LLJ
79-01-6	Trichloroethylene	ND		ug/m³	10	75.9	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	08/04/2020 09:00	08/04/2020 20:11	LLJ
75-69-4	Trichlorofluoromethane (Freon 11)	ND		ug/m³	43	75.9	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	08/04/2020 09:00	08/04/2020 20:11	LLJ
108-05-4	Vinyl acetate	ND		ug/m³	27	75.9	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	08/04/2020 09:00	08/04/2020 20:11	LLJ
593-60-2	Vinyl bromide	ND		ug/m³	33	75.9	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	08/04/2020 09:00	08/04/2020 20:11	LLJ
75-01-4	Vinyl Chloride	ND		ug/m³	9.7	75.9	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	08/04/2020 09:00	08/04/2020 20:11	LLJ

	Surrogate Recoveries	Result	Acceptance Range
460-00-4	*Surrogate: SURR: p-Bromofluorobenzene*	*102 %*	*70-130*

Sample Information

Client Sample ID: VP-1 **York Sample ID:** 20G1136-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
20G1136	28-34 Pearl Street, Port Chester, New York	Soil Vapor	July 28, 2020 12:00 am	07/30/2020

Volatile Organics, EPA TO15 Full List

Log-in Notes:

Sample Notes: TO-VAC

Sample Prepared by Method: EPA TO15 PREP

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	* 1,1,1,2-Tetrachloroethane	ND		ug/m³	1.1	1.577	EPA TO-15 Certifications:	08/04/2020 09:00	08/05/2020 00:08	LLJ
71-55-6	**1,1,1-Trichloroethane**	**1.5**		ug/m³	0.86	1.577	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	08/04/2020 09:00	08/05/2020 00:08	LLJ
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/m³	1.1	1.577	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	08/04/2020 09:00	08/05/2020 00:08	LLJ
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/m³	1.2	1.577	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	08/04/2020 09:00	08/05/2020 00:08	LLJ
79-00-5	1,1,2-Trichloroethane	ND		ug/m³	0.86	1.577	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	08/04/2020 09:00	08/05/2020 00:08	LLJ
75-34-3	1,1-Dichloroethane	ND		ug/m³	0.64	1.577	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	08/04/2020 09:00	08/05/2020 00:08	LLJ
75-35-4	1,1-Dichloroethylene	ND		ug/m³	0.16	1.577	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	08/04/2020 09:00	08/05/2020 00:08	LLJ
120-82-1	1,2,4-Trichlorobenzene	ND		ug/m³	1.2	1.577	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	08/04/2020 09:00	08/05/2020 00:08	LLJ
95-63-6	**1,2,4-Trimethylbenzene**	**9.1**		ug/m³	0.78	1.577	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	08/04/2020 09:00	08/05/2020 00:08	LLJ
106-93-4	1,2-Dibromoethane	ND		ug/m³	1.2	1.577	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	08/04/2020 09:00	08/05/2020 00:08	LLJ
95-50-1	1,2-Dichlorobenzene	ND		ug/m³	0.95	1.577	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	08/04/2020 09:00	08/05/2020 00:08	LLJ
107-06-2	1,2-Dichloroethane	ND		ug/m³	0.64	1.577	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	08/04/2020 09:00	08/05/2020 00:08	LLJ
78-87-5	1,2-Dichloropropane	ND		ug/m³	0.73	1.577	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	08/04/2020 09:00	08/05/2020 00:08	LLJ
76-14-2	1,2-Dichlorotetrafluoroethane	ND		ug/m³	1.1	1.577	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	08/04/2020 09:00	08/05/2020 00:08	LLJ
108-67-8	**1,3,5-Trimethylbenzene**	**9.1**		ug/m³	0.78	1.577	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	08/04/2020 09:00	08/05/2020 00:08	LLJ
106-99-0	1,3-Butadiene	ND		ug/m³	1.0	1.577	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	08/04/2020 09:00	08/05/2020 00:08	LLJ
541-73-1	1,3-Dichlorobenzene	ND		ug/m³	0.95	1.577	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	08/04/2020 09:00	08/05/2020 00:08	LLJ
142-28-9	* 1,3-Dichloropropane	ND		ug/m³	0.73	1.577	EPA TO-15 Certifications:	08/04/2020 09:00	08/05/2020 00:08	LLJ
106-46-7	1,4-Dichlorobenzene	ND		ug/m³	0.95	1.577	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	08/04/2020 09:00	08/05/2020 00:08	LLJ
123-91-1	1,4-Dioxane	ND		ug/m³	1.1	1.577	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	08/04/2020 09:00	08/05/2020 00:08	LLJ
78-93-3	**2-Butanone**	**6.0**		ug/m³	0.47	1.577	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	08/04/2020 09:00	08/05/2020 00:08	LLJ
591-78-6	*** 2-Hexanone**	**1.4**	TO-LC S-L	ug/m³	1.3	1.577	EPA TO-15 Certifications:	08/04/2020 09:00	08/05/2020 00:08	LLJ
107-05-1	3-Chloropropene	ND		ug/m³	2.5	1.577	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	08/04/2020 09:00	08/05/2020 00:08	LLJ

Sample Information

Client Sample ID: VP-1 **York Sample ID:** 20G1136-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
20G1136	28-34 Pearl Street, Port Chester, New York	Soil Vapor	July 28, 2020 12:00 am	07/30/2020

Volatile Organics, EPA TO15 Full List

Log-in Notes:

Sample Notes: TO-VAC

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
108-10-1	**4-Methyl-2-pentanone**	**0.97**	TO-CCV, TO-LCS-L	ug/m³	0.65	1.577	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	08/04/2020 09:00	08/05/2020 00:08	LLJ
67-64-1	**Acetone**	**120**		ug/m³	0.75	1.577	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	08/04/2020 09:00	08/05/2020 00:08	LLJ
107-13-1	Acrylonitrile	ND		ug/m³	0.34	1.577	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	08/04/2020 09:00	08/05/2020 00:08	LLJ
71-43-2	**Benzene**	**1.2**		ug/m³	0.50	1.577	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	08/04/2020 09:00	08/05/2020 00:08	LLJ
100-44-7	Benzyl chloride	ND		ug/m³	0.82	1.577	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	08/04/2020 09:00	08/05/2020 00:08	LLJ
75-27-4	Bromodichloromethane	ND		ug/m³	1.1	1.577	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	08/04/2020 09:00	08/05/2020 00:08	LLJ
75-25-2	Bromoform	ND		ug/m³	1.6	1.577	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	08/04/2020 09:00	08/05/2020 00:08	LLJ
74-83-9	Bromomethane	ND		ug/m³	0.61	1.577	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	08/04/2020 09:00	08/05/2020 00:08	LLJ
75-15-0	**Carbon disulfide**	**90**		ug/m³	0.49	1.577	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	08/04/2020 09:00	08/05/2020 00:08	LLJ
56-23-5	Carbon tetrachloride	ND		ug/m³	0.25	1.577	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	08/04/2020 09:00	08/05/2020 00:08	LLJ
108-90-7	Chlorobenzene	ND		ug/m³	0.73	1.577	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	08/04/2020 09:00	08/05/2020 00:08	LLJ
75-00-3	Chloroethane	ND		ug/m³	0.42	1.577	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	08/04/2020 09:00	08/05/2020 00:08	LLJ
67-66-3	**Chloroform**	**3.8**		ug/m³	0.77	1.577	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	08/04/2020 09:00	08/05/2020 00:08	LLJ
74-87-3	**Chloromethane**	**1.3**		ug/m³	0.33	1.577	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	08/04/2020 09:00	08/05/2020 00:08	LLJ
156-59-2	cis-1,2-Dichloroethylene	ND		ug/m³	0.16	1.577	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	08/04/2020 09:00	08/05/2020 00:08	LLJ
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/m³	0.72	1.577	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	08/04/2020 09:00	08/05/2020 00:08	LLJ
110-82-7	Cyclohexane	ND		ug/m³	0.54	1.577	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	08/04/2020 09:00	08/05/2020 00:08	LLJ
124-48-1	Dibromochloromethane	ND		ug/m³	1.3	1.577	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	08/04/2020 09:00	08/05/2020 00:08	LLJ
75-71-8	**Dichlorodifluoromethane**	**2.0**		ug/m³	0.78	1.577	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	08/04/2020 09:00	08/05/2020 00:08	LLJ
141-78-6	* Ethyl acetate	ND		ug/m³	1.1	1.577	EPA TO-15 Certifications:	08/04/2020 09:00	08/05/2020 00:08	LLJ
100-41-4	**Ethyl Benzene**	**5.5**		ug/m³	0.68	1.577	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	08/04/2020 09:00	08/05/2020 00:08	LLJ
87-68-3	Hexachlorobutadiene	ND		ug/m³	1.7	1.577	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	08/04/2020 09:00	08/05/2020 00:08	LLJ

Sample Information

Client Sample ID: VP-1 **York Sample ID:** 20G1136-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
20G1136	28-34 Pearl Street, Port Chester, New York	Soil Vapor	July 28, 2020 12:00 am	07/30/2020

Volatile Organics, EPA TO15 Full List

Log-in Notes:

Sample Notes: TO-VAC

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
67-63-0	**Isopropanol**	**19**		ug/m³	0.78	1.577	EPA TO-15	08/04/2020 09:00	08/05/2020 00:08	LLJ
							Certifications: NELAC-NY12058,NJDEP-Queens			
80-62-6	Methyl Methacrylate	ND		ug/m³	0.65	1.577	EPA TO-15	08/04/2020 09:00	08/05/2020 00:08	LLJ
							Certifications: NELAC-NY12058,NJDEP-Queens			
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/m³	0.57	1.577	EPA TO-15	08/04/2020 09:00	08/05/2020 00:08	LLJ
							Certifications: NELAC-NY12058,NJDEP-Queens			
75-09-2	**Methylene chloride**	**1.4**		ug/m³	1.1	1.577	EPA TO-15	08/04/2020 09:00	08/05/2020 00:08	LLJ
							Certifications: NELAC-NY12058,NJDEP-Queens			
142-82-5	**n-Heptane**	**1.6**		ug/m³	0.65	1.577	EPA TO-15	08/04/2020 09:00	08/05/2020 00:08	LLJ
							Certifications: NELAC-NY12058,NJDEP-Queens			
110-54-3	**n-Hexane**	**2.2**		ug/m³	0.56	1.577	EPA TO-15	08/04/2020 09:00	08/05/2020 00:08	LLJ
							Certifications: NELAC-NY12058,NJDEP-Queens			
95-47-6	**o-Xylene**	**6.6**		ug/m³	0.68	1.577	EPA TO-15	08/04/2020 09:00	08/05/2020 00:08	LLJ
							Certifications: NELAC-NY12058,NJDEP-Queens			
179601-23-1	**p- & m- Xylenes**	**5.7**		ug/m³	1.4	1.577	EPA TO-15	08/04/2020 09:00	08/05/2020 00:08	LLJ
							Certifications: NELAC-NY12058,NJDEP-Queens			
622-96-8	*** p-Ethyltoluene**	**16**		ug/m³	0.78	1.577	EPA TO-15	08/04/2020 09:00	08/05/2020 00:08	LLJ
							Certifications:			
115-07-1	*** Propylene**	**3.4**		ug/m³	0.27	1.577	EPA TO-15	08/04/2020 09:00	08/05/2020 00:08	LLJ
							Certifications:			
100-42-5	Styrene	ND		ug/m³	0.67	1.577	EPA TO-15	08/04/2020 09:00	08/05/2020 00:08	LLJ
							Certifications: NELAC-NY12058,NJDEP-Queens			
127-18-4	**Tetrachloroethylene**	**250**		ug/m³	1.1	1.577	EPA TO-15	08/04/2020 09:00	08/05/2020 00:08	LLJ
							Certifications: NELAC-NY12058,NJDEP-Queens			
109-99-9	* Tetrahydrofuran	ND		ug/m³	0.93	1.577	EPA TO-15	08/04/2020 09:00	08/05/2020 00:08	LLJ
							Certifications:			
108-88-3	**Toluene**	**4.8**		ug/m³	0.59	1.577	EPA TO-15	08/04/2020 09:00	08/05/2020 00:08	LLJ
							Certifications: NELAC-NY12058,NJDEP-Queens			
156-60-5	trans-1,2-Dichloroethylene	ND		ug/m³	0.63	1.577	EPA TO-15	08/04/2020 09:00	08/05/2020 00:08	LLJ
							Certifications: NELAC-NY12058,NJDEP-Queens			
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/m³	0.72	1.577	EPA TO-15	08/04/2020 09:00	08/05/2020 00:08	LLJ
							Certifications: NELAC-NY12058,NJDEP-Queens			
79-01-6	Trichloroethylene	ND		ug/m³	0.21	1.577	EPA TO-15	08/04/2020 09:00	08/05/2020 00:08	LLJ
							Certifications: NELAC-NY12058,NJDEP-Queens			
75-69-4	**Trichlorofluoromethane (Freon 11)**	**1.5**		ug/m³	0.89	1.577	EPA TO-15	08/04/2020 09:00	08/05/2020 00:08	LLJ
							Certifications: NELAC-NY12058,NJDEP-Queens			
108-05-4	Vinyl acetate	ND		ug/m³	0.56	1.577	EPA TO-15	08/04/2020 09:00	08/05/2020 00:08	LLJ
							Certifications: NELAC-NY12058,NJDEP-Queens			
593-60-2	Vinyl bromide	ND		ug/m³	0.69	1.577	EPA TO-15	08/04/2020 09:00	08/05/2020 00:08	LLJ
							Certifications: NELAC-NY12058,NJDEP-Queens			
75-01-4	Vinyl Chloride	ND		ug/m³	0.20	1.577	EPA TO-15	08/04/2020 09:00	08/05/2020 00:08	LLJ
							Certifications: NELAC-NY12058,NJDEP-Queens			

	Surrogate Recoveries	Result	Acceptance Range
460-00-4	*Surrogate: SURR: p-Bromofluorobenzene*	*93.9 %*	*70-130*

Sample Information

Client Sample ID: VP-1 **York Sample ID:** 20G1136-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
20G1136	28-34 Pearl Street, Port Chester, New York	Soil Vapor	July 28, 2020 12:00 am	07/30/2020

Sample Information

Client Sample ID: Outside **York Sample ID:** 20G1136-05

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
20G1136	28-34 Pearl Street, Port Chester, New York	Outdoor Ambient Air	July 28, 2020 12:00 am	07/30/2020

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

Sample Prepared by Method: EPA TO15 PREP

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	* 1,1,1,2-Tetrachloroethane	ND		ug/m³	1.1	1.587	EPA TO-15 Certifications:	08/04/2020 09:00	08/05/2020 01:00	LLJ
71-55-6	1,1,1-Trichloroethane	ND		ug/m³	0.87	1.587	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	08/04/2020 09:00	08/05/2020 01:00	LLJ
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/m³	1.1	1.587	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	08/04/2020 09:00	08/05/2020 01:00	LLJ
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/m³	1.2	1.587	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	08/04/2020 09:00	08/05/2020 01:00	LLJ
79-00-5	1,1,2-Trichloroethane	ND		ug/m³	0.87	1.587	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	08/04/2020 09:00	08/05/2020 01:00	LLJ
75-34-3	1,1-Dichloroethane	ND		ug/m³	0.64	1.587	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	08/04/2020 09:00	08/05/2020 01:00	LLJ
75-35-4	1,1-Dichloroethylene	ND		ug/m³	0.16	1.587	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	08/04/2020 09:00	08/05/2020 01:00	LLJ
120-82-1	1,2,4-Trichlorobenzene	ND		ug/m³	1.2	1.587	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	08/04/2020 09:00	08/05/2020 01:00	LLJ
95-63-6	**1,2,4-Trimethylbenzene**	**3.5**		ug/m³	0.78	1.587	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	08/04/2020 09:00	08/05/2020 01:00	LLJ
106-93-4	1,2-Dibromoethane	ND		ug/m³	1.2	1.587	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	08/04/2020 09:00	08/05/2020 01:00	LLJ
95-50-1	1,2-Dichlorobenzene	ND		ug/m³	0.95	1.587	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	08/04/2020 09:00	08/05/2020 01:00	LLJ
107-06-2	1,2-Dichloroethane	ND		ug/m³	0.64	1.587	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	08/04/2020 09:00	08/05/2020 01:00	LLJ
78-87-5	1,2-Dichloropropane	ND		ug/m³	0.73	1.587	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	08/04/2020 09:00	08/05/2020 01:00	LLJ
76-14-2	1,2-Dichlorotetrafluoroethane	ND		ug/m³	1.1	1.587	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	08/04/2020 09:00	08/05/2020 01:00	LLJ
108-67-8	**1,3,5-Trimethylbenzene**	**0.94**		ug/m³	0.78	1.587	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	08/04/2020 09:00	08/05/2020 01:00	LLJ
106-99-0	1,3-Butadiene	ND		ug/m³	1.1	1.587	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	08/04/2020 09:00	08/05/2020 01:00	LLJ
541-73-1	1,3-Dichlorobenzene	ND		ug/m³	0.95	1.587	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	08/04/2020 09:00	08/05/2020 01:00	LLJ
142-28-9	* 1,3-Dichloropropane	ND		ug/m³	0.73	1.587	EPA TO-15 Certifications:	08/04/2020 09:00	08/05/2020 01:00	LLJ
106-46-7	1,4-Dichlorobenzene	ND		ug/m³	0.95	1.587	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	08/04/2020 09:00	08/05/2020 01:00	LLJ

Sample Information

Client Sample ID: **Outside** **York Sample ID:** **20G1136-05**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
20G1136	28-34 Pearl Street, Port Chester, New York	Outdoor Ambient Air	July 28, 2020 12:00 am	07/30/2020

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
123-91-1	1,4-Dioxane	ND		ug/m³	1.1	1.587	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	08/04/2020 09:00	08/05/2020 01:00	LLJ
78-93-3	**2-Butanone**	**9.5**		ug/m³	0.47	1.587	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	08/04/2020 09:00	08/05/2020 01:00	LLJ
591-78-6	* 2-Hexanone	ND		ug/m³	1.3	1.587	EPA TO-15 Certifications:	08/04/2020 09:00	08/05/2020 01:00	LLJ
107-05-1	3-Chloropropene	ND		ug/m³	2.5	1.587	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	08/04/2020 09:00	08/05/2020 01:00	LLJ
108-10-1	4-Methyl-2-pentanone	ND		ug/m³	0.65	1.587	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	08/04/2020 09:00	08/05/2020 01:00	LLJ
67-64-1	**Acetone**	**19**		ug/m³	0.75	1.587	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	08/04/2020 09:00	08/05/2020 01:00	LLJ
107-13-1	Acrylonitrile	ND		ug/m³	0.34	1.587	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	08/04/2020 09:00	08/05/2020 01:00	LLJ
71-43-2	**Benzene**	**3.3**		ug/m³	0.51	1.587	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	08/04/2020 09:00	08/05/2020 01:00	LLJ
100-44-7	Benzyl chloride	ND		ug/m³	0.82	1.587	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	08/04/2020 09:00	08/05/2020 01:00	LLJ
75-27-4	Bromodichloromethane	ND		ug/m³	1.1	1.587	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	08/04/2020 09:00	08/05/2020 01:00	LLJ
75-25-2	Bromoform	ND		ug/m³	1.6	1.587	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	08/04/2020 09:00	08/05/2020 01:00	LLJ
74-83-9	Bromomethane	ND		ug/m³	0.62	1.587	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	08/04/2020 09:00	08/05/2020 01:00	LLJ
75-15-0	Carbon disulfide	ND		ug/m³	0.49	1.587	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	08/04/2020 09:00	08/05/2020 01:00	LLJ
56-23-5	**Carbon tetrachloride**	**0.50**		ug/m³	0.25	1.587	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	08/04/2020 09:00	08/05/2020 01:00	LLJ
108-90-7	Chlorobenzene	ND		ug/m³	0.73	1.587	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	08/04/2020 09:00	08/05/2020 01:00	LLJ
75-00-3	Chloroethane	ND		ug/m³	0.42	1.587	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	08/04/2020 09:00	08/05/2020 01:00	LLJ
67-66-3	Chloroform	ND		ug/m³	0.77	1.587	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	08/04/2020 09:00	08/05/2020 01:00	LLJ
74-87-3	**Chloromethane**	**1.5**		ug/m³	0.33	1.587	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	08/04/2020 09:00	08/05/2020 01:00	LLJ
156-59-2	cis-1,2-Dichloroethylene	ND		ug/m³	0.16	1.587	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	08/04/2020 09:00	08/05/2020 01:00	LLJ
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/m³	0.72	1.587	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	08/04/2020 09:00	08/05/2020 01:00	LLJ
110-82-7	**Cyclohexane**	**40**		ug/m³	0.55	1.587	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	08/04/2020 09:00	08/05/2020 01:00	LLJ
124-48-1	Dibromochloromethane	ND		ug/m³	1.4	1.587	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	08/04/2020 09:00	08/05/2020 01:00	LLJ
75-71-8	**Dichlorodifluoromethane**	**2.0**		ug/m³	0.78	1.587	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	08/04/2020 09:00	08/05/2020 01:00	LLJ

Sample Information

Client Sample ID: **Outside** **York Sample ID:** **20G1136-05**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
20G1136	28-34 Pearl Street, Port Chester, New York	Outdoor Ambient Air	July 28, 2020 12:00 am	07/30/2020

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
141-78-6	* Ethyl acetate	ND		ug/m³	1.1	1.587	EPA TO-15 Certifications:	08/04/2020 09:00	08/05/2020 01:00	LLJ
100-41-4	**Ethyl Benzene**	**2.9**		ug/m³	0.69	1.587	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	08/04/2020 09:00	08/05/2020 01:00	LLJ
87-68-3	Hexachlorobutadiene	ND		ug/m³	1.7	1.587	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	08/04/2020 09:00	08/05/2020 01:00	LLJ
67-63-0	**Isopropanol**	**7.3**		ug/m³	0.78	1.587	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	08/04/2020 09:00	08/05/2020 01:00	LLJ
80-62-6	Methyl Methacrylate	ND		ug/m³	0.65	1.587	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	08/04/2020 09:00	08/05/2020 01:00	LLJ
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/m³	0.57	1.587	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	08/04/2020 09:00	08/05/2020 01:00	LLJ
75-09-2	**Methylene chloride**	**1.5**		ug/m³	1.1	1.587	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	08/04/2020 09:00	08/05/2020 01:00	LLJ
142-82-5	**n-Heptane**	**61**		ug/m³	0.65	1.587	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	08/04/2020 09:00	08/05/2020 01:00	LLJ
110-54-3	**n-Hexane**	**120**		ug/m³	0.56	1.587	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	08/04/2020 09:00	08/05/2020 01:00	LLJ
95-47-6	**o-Xylene**	**3.7**		ug/m³	0.69	1.587	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	08/04/2020 09:00	08/05/2020 01:00	LLJ
179601-23-1	**p- & m- Xylenes**	**9.9**		ug/m³	1.4	1.587	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	08/04/2020 09:00	08/05/2020 01:00	LLJ
622-96-8	*** p-Ethyltoluene**	**3.5**		ug/m³	0.78	1.587	EPA TO-15 Certifications:	08/04/2020 09:00	08/05/2020 01:00	LLJ
115-07-1	* Propylene	ND		ug/m³	0.27	1.587	EPA TO-15 Certifications:	08/04/2020 09:00	08/05/2020 01:00	LLJ
100-42-5	Styrene	ND		ug/m³	0.68	1.587	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	08/04/2020 09:00	08/05/2020 01:00	LLJ
127-18-4	**Tetrachloroethylene**	**2.6**		ug/m³	1.1	1.587	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	08/04/2020 09:00	08/05/2020 01:00	LLJ
109-99-9	* Tetrahydrofuran	ND		ug/m³	0.94	1.587	EPA TO-15 Certifications:	08/04/2020 09:00	08/05/2020 01:00	LLJ
108-88-3	**Toluene**	**14**		ug/m³	0.60	1.587	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	08/04/2020 09:00	08/05/2020 01:00	LLJ
156-60-5	trans-1,2-Dichloroethylene	ND		ug/m³	0.63	1.587	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	08/04/2020 09:00	08/05/2020 01:00	LLJ
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/m³	0.72	1.587	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	08/04/2020 09:00	08/05/2020 01:00	LLJ
79-01-6	Trichloroethylene	ND		ug/m³	0.21	1.587	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	08/04/2020 09:00	08/05/2020 01:00	LLJ
75-69-4	**Trichlorofluoromethane (Freon 11)**	**1.4**		ug/m³	0.89	1.587	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	08/04/2020 09:00	08/05/2020 01:00	LLJ
108-05-4	Vinyl acetate	ND		ug/m³	0.56	1.587	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	08/04/2020 09:00	08/05/2020 01:00	LLJ
593-60-2	Vinyl bromide	ND		ug/m³	0.69	1.587	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	08/04/2020 09:00	08/05/2020 01:00	LLJ

Sample Information

Client Sample ID: **Outside** **York Sample ID:** **20G1136-05**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
20G1136	28-34 Pearl Street, Port Chester, New York	Outdoor Ambient Air	July 28, 2020 12:00 am	07/30/2020

Volatile Organics, EPA TO15 Full List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA TO15 PREP

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
75-01-4	Vinyl Chloride	ND		ug/m³	0.20	1.587	EPA TO-15	08/04/2020 09:00	08/05/2020 01:00	LLJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		

	Surrogate Recoveries	Result	Acceptance Range
460-00-4	*Surrogate: SURR: p-Bromofluorobenzene*	*92.9 %*	*70-130*

Analytical Batch Summary

Batch ID: BH00083 **Preparation Method:** EPA TO15 PREP **Prepared By:** LLJ

YORK Sample ID	Client Sample ID	Preparation Date
20G1136-01	VP-3	08/04/20
20G1136-02	VP-4	08/04/20
20G1136-03	VP-2	08/04/20
20G1136-03RE1	VP-2	08/04/20
20G1136-04	VP-1	08/04/20
20G1136-05	Outside	08/04/20
BH00083-BLK1	Blank	08/04/20
BH00083-BS1	LCS	08/04/20

Volatile Organic Compounds in Air by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BH00083 - EPA TO15 PREP											
Blank (BH00083-BLK1)											Prepared & Analyzed: 08/04/2020
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.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BH00083 - EPA TO15 PREP											
Blank (BH00083-BLK1)								Prepared & Analyzed: 08/04/2020			
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	"								
Surrogate: SURR: p-Bromofluorobenzene	*7.77*		*ppbv*	*10.0*		*77.7*	*70-130*				
LCS (BH00083-BS1)								Prepared & Analyzed: 08/04/2020			
1,1,1,2-Tetrachloroethane	8.57		ppbv	10.0		85.7	70-130				
1,1,1-Trichloroethane	9.02		"	10.0		90.2	70-130				
1,1,2,2-Tetrachloroethane	8.25		"	10.0		82.5	70-130				
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	9.64		"	10.0		96.4	70-130				
1,1,2-Trichloroethane	8.02		"	10.0		80.2	70-130				
1,1-Dichloroethane	9.07		"	10.0		90.7	70-130				
1,1-Dichloroethylene	8.77		"	10.0		87.7	70-130				
1,2,4-Trichlorobenzene	8.93		"	10.0		89.3	70-130				
1,2,4-Trimethylbenzene	7.82		"	10.0		78.2	70-130				
1,2-Dibromoethane	8.03		"	10.0		80.3	70-130				
1,2-Dichlorobenzene	9.20		"	10.0		92.0	70-130				
1,2-Dichloroethane	8.31		"	10.0		83.1	70-130				
1,2-Dichloropropane	7.28		"	10.0		72.8	70-130				
1,2-Dichlorotetrafluoroethane	9.11		"	10.0		91.1	70-130				
1,3,5-Trimethylbenzene	7.84		"	10.0		78.4	70-130				
1,3-Butadiene	8.53		"	10.0		85.3	70-130				
1,3-Dichlorobenzene	9.50		"	10.0		95.0	70-130				
1,3-Dichloropropane	7.39		"	10.0		73.9	70-130				
1,4-Dichlorobenzene	9.48		"	10.0		94.8	70-130				
1,4-Dioxane	6.19		"	10.0		61.9	70-130	Low Bias			
2-Butanone	8.55		"	10.0		85.5	70-130				
2-Hexanone	6.94		"	10.0		69.4	70-130	Low Bias			
3-Chloropropene	9.20		"	10.0		92.0	70-130				
4-Methyl-2-pentanone	6.42		"	10.0		64.2	70-130	Low Bias			
Acetone	8.83		"	10.0		88.3	70-130				
Acrylonitrile	9.08		"	10.0		90.8	70-130				
Benzene	8.97		"	10.0		89.7	70-130				
Benzyl chloride	8.89		"	10.0		88.9	70-130				
Bromodichloromethane	7.35		"	10.0		73.5	70-130				
Bromoform	9.54		"	10.0		95.4	70-130				

Volatile Organic Compounds in Air by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BH00083 - EPA TO15 PREP											
LCS (BH00083-BS1)								Prepared & Analyzed: 08/04/2020			
Bromomethane	10.0		ppbv	10.0		100	70-130				
Carbon disulfide	9.71		"	10.0		97.1	70-130				
Carbon tetrachloride	8.98		"	10.0		89.8	70-130				
Chlorobenzene	8.48		"	10.0		84.8	70-130				
Chloroethane	10.4		"	10.0		104	70-130				
Chloroform	9.09		"	10.0		90.9	70-130				
Chloromethane	8.55		"	10.0		85.5	70-130				
cis-1,2-Dichloroethylene	8.84		"	10.0		88.4	70-130				
cis-1,3-Dichloropropylene	7.47		"	10.0		74.7	70-130				
Cyclohexane	9.29		"	10.0		92.9	70-130				
Dibromochloromethane	8.29		"	10.0		82.9	70-130				
Dichlorodifluoromethane	9.11		"	10.0		91.1	70-130				
Ethyl acetate	9.22		"	10.0		92.2	70-130				
Ethyl Benzene	7.50		"	10.0		75.0	70-130				
Hexachlorobutadiene	8.96		"	10.0		89.6	70-130				
Isopropanol	9.11		"	10.0		91.1	70-130				
Methyl Methacrylate	7.52		"	10.0		75.2	70-130				
Methyl tert-butyl ether (MTBE)	8.92		"	10.0		89.2	70-130				
Methylene chloride	9.73		"	10.0		97.3	70-130				
n-Heptane	9.18		"	10.0		91.8	70-130				
n-Hexane	9.38		"	10.0		93.8	70-130				
o-Xylene	7.37		"	10.0		73.7	70-130				
p- & m- Xylenes	15.2		"	20.0		76.2	70-130				
p-Ethyltoluene	8.55		"	10.0		85.5	70-130				
Propylene	10.4		"	10.0		104	70-130				
Styrene	8.43		"	10.0		84.3	70-130				
Tetrachloroethylene	8.07		"	10.0		80.7	70-130				
Tetrahydrofuran	8.76		"	10.0		87.6	70-130				
Toluene	7.31		"	10.0		73.1	70-130				
trans-1,2-Dichloroethylene	9.08		"	10.0		90.8	70-130				
trans-1,3-Dichloropropylene	7.40		"	10.0		74.0	70-130				
Trichloroethylene	7.46		"	10.0		74.6	70-130				
Trichlorofluoromethane (Freon 11)	8.97		"	10.0		89.7	70-130				
Vinyl acetate	8.87		"	10.0		88.7	70-130				
Vinyl bromide	10.4		"	10.0		104	70-130				
Vinyl Chloride	8.13		"	10.0		81.3	70-130				
Surrogate: SURR: p-Bromofluorobenzene	*9.02*		*"*	*10.0*		*90.2*	*70-130*				

Sample and Data Qualifiers Relating to This Work Order

TO-VAC	The final vacuum in the canister was less than -2 inches Hg vacuum. The time integrated sampling may be affected and not reflect proper sampling over the time period. The data user should take note.
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).

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.

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Field Chain-of-Custody Record - AIR

YORK Project No. 2061136

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

YOUR Information	Report To:	Invoice To:
Company: HES	Company: SAME	Company: SAME
Address: 1 Deans Bridge Road Somers, New York	Address:	Address:
Phone.: 914-276-2560	Phone.:	Phone.:
Contact:	Contact:	Contact:
E-mail: info@hesny.com	E-mail:	E-mail:

YOUR Project Number:

YOUR Project Name: 28-34 Pearl Street, Port Chester, New York

YOUR PO#:

Turn-Around Time

RUSH - Next Day	
RUSH - Two Day	
RUSH - Three Day	
RUSH - Four Day	
Standard (5-7 Day)	X

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

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

Air Matrix Codes

AI - Indoor Ambient Air
AO - Outdoor Amb. Air
AE - Vapor Extraction Well/ Process Gas/Effluent
AS - Soil Vapor/Sub-Slab

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 Deliv.	NYSDEC EQuIS
NY ASP B Package	NJDKQP	NJDEP SRP HazSite
Other:		

YORK Reg. Comp.

Compared to the following Regulation(s): (please fill in)

Certified Canisters: Batch ___ Individual ___

Please enter the following REQUIRED Field Data

Reporting Units: ug/m³ ___ ppbv ___ ppmv X

Sample Identification	Date/Time Sampled	Air Matrix	Canister Vacuum Before Sampling (in Hg)	Canister Vacuum After Sampling (in Hg)	Canister ID	Flow Cont. ID	Analysis Requested
VP-3	7/28/20	AS	30	6	34498	6879	TO-15
VP-4	"	"	28	6	470	5416	"
VP-2	"	"	30	5	17349	2273	"
VP-1	"	"	30	16	24180	7095	"
Outside	"	AO	30	12	7042	5117	"

Comments:

Detection Limits Required

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

Sampling Media

6 Liter Canister	X
Tedlar Bag	

Samples Relinquished by / Company	Date/Time	Samples Received by / Company	Date/Time	Samples Relinquished by / Company	Date/Time
	7-30-20 8:40		7-30-20 8:40		7-30-20 1420
Samples Received by / Company	Date/Time	Samples Relinquished by / Company	Date/Time	Samples Received by / Company	Date/Time
TC Mail/YORK	7/30/20 1420	J. Gale	7-30-20 1936	Fed/Yak	7/31/20 1936
Samples Relinquished by / Company	Date/Time	Samples Received by / Company	Date/Time	Samples Received in LAB by	Date/Time
Fed/Yak ~~2105~~	7/31/20 2103	Cab ~~2105~~	7/31/20 2130		8/4/20 2:22 am