QUARTERLY SITE OPERATION MAINTENANCE & MONITORING REPORT

FORMER DARBY DRUGS DISTRIBUTION CENTER
80-100 BANKS AVENUE
ROCKVILLE CENTER, NEW YORK 11570
NYSDEC BROWNFIELD CLEANUP PROGRAM ID: C130140

PREPARED FOR:

NEW YORK STATE DEPARTMENT OF ENVIRONMENTAL CONSERVATION
DIVISION OF ENVIRONMENTAL REMEDIATION
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August 30, 2023
***LAUREL* PROJECT #12-190**

LAUREL ENVIRONMENTAL GEOSCIENCES, D.P.C.
ENVIRONMENTAL CERTIFICATION

BROWNFIELD CLEANUP PROGRAM ID: C130140
***LAUREL* Project #12-190**

Report: Quarterly Site Operation Maintenance & Monitoring Report

Reporting Period: February 1, 2023, through April 30, 2023

Field Work Dates: February 1, 2022, through April 30, 2023

Report Date: August 30, 2023

Site: Former Darby Drugs Distribution Center
80-100 Banks Avenue, Rockville Center, New York 11570
Located on the northwest corner of Nassau Street and Banks Avenue

Weather Conditions: Variable

Client: Avalon Bay Communities, Inc.
Richard Regitano, Senior Director of Engineering

Report Prepared By:

Dina Stammers
Environmental Scientist III

Brian McCabe, QA/QC
Senior Geologist

ENVIRONMENTAL PROFESSIONAL CERTIFICATION

I declare that, to the best of my professional knowledge and belief, we meet the definition of *Environmental Professional* as defined in § 312.10 of 40 Code of Federal Regulations (CFR) 312.

The Environmental Professional who directed this project has the specific qualifications based on education, training, and experience to assess a property of the nature, history, and setting of the site.

Scott A. Yanuck, P.G. (NYS 000330)
Principal Hydrogeologist

8/30/2023
Date

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REPORT SPECIFICATIONS

This report contains (32) pages of text.

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1.0 INTRODUCTION

Laurel Environmental Geosciences, D.P.C. (Laurel) has prepared this quarterly site operation maintenance and monitoring report on behalf of Avalon Bay Communities Inc. (Avalon Bay). This report documents the operational status of the groundwater extraction and treatment system during the reporting period and provides the current groundwater quality and volatile organic compound (VOC) concentrations in groundwater. This work is being performed under the NYSDEC Brownfield Cleanup Program, Site ID #C130140 located at 80-100 Banks Avenue, Rockville Centre, New York (Section 38, Block 539, Lots 27 and 30; the Site). The Site is a 7.1-acre parcel that has been re-developed with multiple story residential apartment buildings. The Site is located at the northwest corner of the intersection of Nassau Street and Banks Avenue.

2.0 SCOPE OF WORK

Laurel conducted a system-wide inspection that included checking the operation of the groundwater extraction and treatment system components, performing necessary repairs, and the collection of groundwater samples.

Laurel completed the following required tasks:

1. Inspected the groundwater extraction and treatment system on a monthly basis. This inspection included the evaluation of exposed piping for evidence of leaks. Checked all pressure gauges and flow meters for operational status and checked all valves for functionality.
2. Gauged groundwater levels in the sixteen (16) on-site monitoring wells, calculated standing water volumes, and purged a minimum of three well volumes from each well when possible. Groundwater quality readings were collected and recorded prior to the collection of each sample when possible. Samples were submitted to a NYSDOH Certified Laboratory for analysis using USEPA Method 8260 to test for VOCs. In addition to the well samples, one (1) duplicate and one (1) trip blank sample were submitted for laboratory analysis.
3. Gauged groundwater levels in the ten (10) on-site piezometric wells, and the storm water management sump.
4. Collected monthly system effluent groundwater samples in accordance with the State Pollution Discharge Elimination System (SPDES) Permit equivalent. The samples were submitted to a NYSDOH Certified Laboratory for analysis of select volatile organic compounds (VOCs), semi-volatile organic compounds (SVOCs), and metals in accordance with the NYSDEC SPDES Permit equivalent.

All sampling equipment not considered disposable were decontaminated using *Alconox*, a laboratory grade detergent and standard potable water before and after each use to ensure that cross-contamination of samples was eliminated.

3.0 GROUNDWATER EXTRACTION AND TREATMENT SYSTEM

The groundwater extraction and treatment (GWET) system was designed to establish and maintain hydraulic control of the shallow groundwater on-site, thereby preventing impacted groundwater from migrating off-site. **Section 3.1** provides a brief summary of the system components as they were originally designed and installed as well as modifications that were made to the system to improve its operation performance. A detailed description of the original designed and installed GWET system can be found in the Groundwater Extraction and Treatment System, System Start-up Report, prepared and submitted by P.W. Grosser Consulting Inc. (PWGC), dated February 2012. **Section 3.2** provides a brief summary of the SSWMS components and their operation. **Sections 3.3** and **3.4** describe the installation and operation of the pH adjustment system, and carbon treatment system, respectively. **Section 3.5** discusses past groundwater flow studies. **Section 3.6** describes repairs to piping associated with the GWET system.

3.1 GROUNDWATER EXTRACTION AND TREATMENT SYSTEM COMPONENTS

The GWET system contains the following components:

- Three (3) shallow groundwater recovery wells and submersible pumps
- Three (3) Pre-treatment bag filters (in parallel)
- One (1) shallow tray air stripper with blower
- Two (2) acid metering pumps
- Five (5) 55-gallon activated carbon liquid treatment drums

3.1.1 Groundwater Recovery Wells

The three (3) shallow groundwater recovery wells were installed to capture the groundwater above a clay layer encountered on-site, at a depth of approximately 12-15-feet below ground surface (bgs). The three (3) recovery wells were designed to each have an operational flow rate of approximately 5 gallons per minute (gpm) producing a 0.1 ft drawdown at a radius of 340 feet when in operation. The groundwater recovery well pumps were not in operation during the reporting period, further discussed in the following section. These wells are still present and can be brought on-line if required.

3.1.2 Groundwater Extraction and Treatment System (GWET)

When the recovery wells are in operation, potentially impacted groundwater is piped from the recovery wells to the GWET system, where groundwater is treated utilizing an air stripping method. The treated groundwater is collected in an equalization tank at the base of the air stripper, and then pumped into the municipal storm water system. The groundwater recovery well pumps have been off-line as an active portion of the GWET since the groundwater flow study was performed in September 2019. These wells have remained temporarily off-line to facilitate the determination as to whether the Sub-Slab Water Management System (SSWMS) collection sump provides sufficient hydraulic control to prevent the migration of contaminants off site.

3.2 SUB-SLAB WATER MANAGEMENT SYSTEM COMPONENTS

The SSWMS contains the following components:

- A subgrade water infiltration gallery and collection sump
- Two (2) submersible sump pumps
- One (1) pre-treatment bag filter located between the submersible pumps and piped to the shallow tray air stripper tower.

3.2.1 Sub-Slab Water Management System

Due to the shallow groundwater table and the partially sub-grade parking garage in the south building, parts of the garage had been experiencing routine flooding during times of heavy rainfall. To address this situation, a French drain system and sump were installed in the southwestern portion of the parking garage of the south building. The sump contains two (2) submersible sump pumps, which are tied into the GWET system between the bag filters and the stripper tower. The volume of water passing through the stripper tower is increased by this sub-slab water management system. In addition to the incorporation of the sub-slab water management system to the GWET system, several modifications were made, which included the addition of a liquid bypass to the transfer pump system and its associated piping. The piping at the base of the stripper was formerly a two (2)-inch diameter pipe that utilized the transfer pump to push the liquid into the storm water sewer system. The two (2)-inch diameter pipe was replaced with a three (3)-inch diameter pipe, that allows the system to operate as a gravity feed system to the municipal storm sewer system. This change allows for a continuously higher volume flow through the stripper tower and into the storm sewer system. The SSWMS has the potential to add a maximum of 30 gallons of water per minute to the stripper tower. The SPDES permit equivalent was amended to reflect this change in flow rate.

3.3 pH Adjustment System

Elevated pH in groundwater pumped at the Site has been a longstanding issue which has been addressed with the addition of a pH reduction system. The elevated pH of the groundwater has been accompanied by excessive scaling in the GWET system, as well as occasional exceedances of the SPDES permit equivalent's pH limit. In order to reduce the pH of groundwater entering the GWET system and to reduce scaling in the air stripper, ***Laurel*** obtained approval from the NYSDEC on July 23, 2019, and completed the installation of a pH adjustment system. The pH adjustment system is comprised of a 60-gallon sulfuric acid storage tank and metering pumps that injects acid into the groundwater entering the GWET system. The first metering pump is controlled by a pH sensor and programmable controller and supplies acid to the sub-slab sump influent. The second metering pump, also controlled by a pH sensor and programmable controller, is capable of supplying acid to an inline mixer at the entry point to the air stripper, where groundwater from the recovery wells and sub-slab sump combine prior to entering the air stripper. The pH adjustment system is programmed to maintain the pH of groundwater effluent within the SPDES permit equivalent pH limits of 6.5 to 8.5.

On September 10, 2019, through November 6, 2019, ***Laurel*** installed and calibrated the pH adjustment system. After the initial installation, the pH adjustment system was tested periodically to verify the acid was successfully neutralizing the groundwater influent from the recovery wells and sub-slab sump. During the testing of the pH adjustment system, the pH of groundwater was monitored to prevent over-acidification of the system effluent. After equilibrating the acid system, the system became fully operational on November 6, 2019. Acid consumption is approximately 1.5 gallons per day using 93% sulfuric acid.

3.4 Carbon Treatment System

The GWET system's air stripper has historically encountered scaling issues, which reduce the GWET system's effectiveness in reducing chemicals of concern (COC). As a result, concentrations of COC detected in the monthly effluent groundwater samples collected have periodically exceeded SPDES permit equivalent limits. To prevent occasional SPDES permit exceedances, ***Laurel*** installed a carbon treatment system that is used to further treat groundwater effluent when the GWET system's air stripper is not effectively reducing COCs. The carbon treatment system's design consists of a sump pump connected directly to the air stripper, which pumps groundwater from the air stripper through five (5) drums of activated carbon prior to discharge.

The carbon treatment system was not utilized during this quarter.

3.5 Past Groundwater flow Studies

Two (2) groundwater flow studies were previously conducted by EnviroTrac. The first was conducted in 2019, with the data collection portion being performed by PWGC. The second groundwater flow study was solely performed by EnviroTrac in 2020. The 2019 groundwater flow study was conducted to assess groundwater flow within sandy deposits overlying a clay layer located approximately 12 feet bgs.

EnviroTrac analyzed the 2019 data which, when plotted on the site map, revealed a consistent groundwater flow direction converging at the SSWMS sump during the study period. Based on results of the study it appears that routine operation of the sump pump may produce, on a continuous basis, a sufficient depression in the water table to maintain hydraulic control of the shallow groundwater to the west and southwest sides of the building, extending to the property boundary. To confirm this, a more extensive groundwater study using the existing piezometers and four (4) additional piezometers was conducted during the second quarter of 2020 by EnviroTrac. The groundwater elevations collected were used to generate groundwater flow maps, which show groundwater flow direction towards the sump during the one-month period. The data loggers installed on the two (2) pumps show the sump pumps cycle on and off during the course of each day as needed to keep water in the sump below a set level, pumping on average approximately 50% of the time and run for extended periods during rainfall events.

The adjacent property to the west of the area of concern is a public park. A refurbishing project consisting of the installation of a flood wall along the boundaries of the park and the former Darby Drugs Distribution Center site. This flood wall consists of sheet piles installed to an approximate depth of 15 feet bgs, effectively cutting off shallow groundwater flow along the entire west side of the Site. At this point it is not clear what impact that will have on groundwater movement below the Site, and what type of impact it will have on the SSWMS sump's ability to maintain hydraulic control across the area of concern. To verify that sump is maintaining hydraulic control, ***Laurel*** and EnviroTrac agreed that an active groundwater elevation and pump monitoring system should be installed to evaluate the impact of the sheet piling/flood wall on groundwater movement through the residual impact zone. The pump voltage logger and groundwater elevation telemetry was unable to be installed during the April 25, 2023 monitoring event because of a communication error between the data loggers and a central receiving device that is used to download the data. The pump voltage logger and groundwater elevation telemetry will be installed at the Site before the next monitoring event and will be discussed in the second quarterly monitoring report.

4.0 GROUNDWATER EXTRACTION AND TREATMENT SYSTEM OPERATIONS

The GWET system at the Site is designed to operate continuously. To evaluate the effectiveness of the GWET system, the Site is monitored by physical site inspections. A liquid effluent sample is collected on a monthly basis to meet the state pollutant discharge elimination system (SPDES) permit equivalent requirement. In addition, liquid influent and air effluent samples are collected from the system on a quarterly basis.

This reporting period is from February 1, 2023, through April 30, 2023, a Site activity log is presented in Table I. During the reporting period, the groundwater recovery wells were not in operation based on the interpretation of the September 2019 and the May 2020 groundwater flow studies, which indicated the SSWMS is likely maintaining sufficient hydraulic control of the Site as long as groundwater levels remain above the base elevation of the sump. The SSWMS was operating automatically on an as-needed basis throughout the reporting period, controlled by a float switch within the sump. The hours of operation for each extraction well and sump pumps for the SSWMS are presented in Table II. It should be noted that a flood wall was installed surrounding Morgan Days Park, which is immediately west of the Site. The flood wall consists of sheet piles driven to a depth of approximately 15 feet bgs. The effect of this flood wall on

the local groundwater flow is not known and will require groundwater elevation and flow monitoring to determine its effect.

The SSWMS cycles on and off depending on the water level in the accumulation sump. The sump contains two (2) sump pumps that are activated by float switches. The pumps are sequenced to alternate, so that only one pump will operate at a time, when needed. During the first quarter of the 2023 operational year the sump pump meters, which record hours operated, indicated the sump pump 1 and pump 2 operated for an average of 14.5 and 18.6 hours per day, respectively. In the upcoming quarterly monitoring period, a voltage meter will be installed to obtain more accurate pump run times and the voltage meter data will be used to calculate the average gallons per minute. Because the hours per day is an average, the peak operational flow rate could not be calculated. Based on the total gallons recorded over the reporting period, the overall average pumping rate between February 1, 2023, through April 30, 2023, was 14.0 gallons per minute. Any liquid being discharged from the Site is subject to the requirements of the current SPDES permit equivalent that authorizes discharges from April 1, 2022, to March 31, 2027. The pumps run times and total liquids pumped through each portion of the SSWMS and GWET system are recorded during the monthly site visits and during sampling events.

Table I, Site Activities Log

Date	Location	Description
02/28/23	***Laurel on site***	Performed SPDES Sampling Changed the bag filter Acid transfer of 55 gallons The SSWMS totalizer reading was 46,584,080 gal.
03/22/23	***Laurel on site***	Performed SPDES Sampling Changed the bag filter SSWMS Totalizer Reading was 46,959,680 gallons
04/25/2023	***Laurel on site***	Performed Quarterly Groundwater Sampling Performed SPDES Sampling Acid transfer of 55 gallons Replaced the bag filter SSWMS Totalizer Reading was 47,309,028 gallons
04/27/23	***Laurel on site***	Collected system effluent air sample, which was unable to be collected on 4/25 due to a faulty summa canister.

Table II; System Operation Log

Date	**Average monthly GPM***
02/28/23	13.64
03/22/23	16.06
04/25/23	7.13

Notes: *Average monthly GPM calculated using totalizer readings recorded during site visits and the recorded pump run times

5.0 QUARTERLY MONITORING WELL SAMPLING

The monitoring of the ongoing GWET at the Site consists of liquid and air sampling to evaluate the effectiveness of the GWET system, on a quarterly basis. To perform this, the groundwater elevations of all onsite groundwater monitoring wells are gauged and sampled to evaluate the groundwater conditions throughout the Site. When the GWET system is in operation, composite liquid samples are collected from the influent and effluent lines of the GWET system on a quarterly basis to determine the effectiveness of the GWET system, and an effluent air sample is collected from the air discharge line of the air stripper to determine what contaminants are being removed from the groundwater, and their concentrations. As noted, the groundwater recovery wells associated with the GWET system were not in operation during this reporting period due to the use of the SSWMS to maintain hydraulic control of the shallow groundwater on-site. The SSWMS, when in operation, can pump at a rate of approximately 30-GPM. The average monthly pumping rate has been approximately 10.5-GPM based on the total number of gallons pumped over the duration of the reporting period.

5.1 GROUNDWATER MONITORING WELL GAUGING

The groundwater levels were measured in each of the sixteen (16) monitoring wells and the five (5) piezometer wells using a water level meter. The groundwater elevations for the monitoring and piezometer wells are shown on Table III below.

Table III
Groundwater Monitoring Well Gauging
Former Darby Drugs Distribution Center

Well ID	PZ-1	PZ-2	PZ-3	PZ-4	PZ-5
Depth to Water (ft)	5.82	4.88	5.82	5.75	6.19
Depth to Bottom (ft)	12.90	12.39	12.99	12.96	13.41
Groundwater Elevation (ft)	4.72	5.13	5.24	5.81	5.88

Table III(Cont.)
Groundwater Monitoring Well Gauging
Former Darby Drugs Distribution Center

Well ID	2010-01A	2010-01B	2010-01C	2010-01D
Depth to Water (ft)	7.57	7.80	7.84	7.10
Depth to Bottom (ft)	100	70	50	15
Groundwater Elevation (ft)	5.55	5.33	5.27	6.30

Table III(Cont.)
Groundwater Monitoring Well Gauging
Former Darby Drugs Distribution Center

Well ID	2010-02A	2010-02B	2010-02C	2010-02D
Depth to Water (ft)	8.10	9.13	9.04	8.48
Depth to Bottom (ft)	100	70	50	15
Groundwater Elevation (ft)	5.98	4.93	4.84	5.49

Table III(Cont.)				
Groundwater Monitoring Well Gauging				
Former Darby Drugs Distribution Center				
Well ID	**2020-03A-R**	**2020-03B-R**	**2020-03C-R**	**2010-03D**
Depth to Water (ft)	5.35	6.34	6.15	5.82
Depth to Bottom (ft)	100	70	50	15
Groundwater Elevation (ft)	5.81	4.48	5.02	5.21

Table III(Cont.)				
Groundwater Monitoring Well Gauging				
Former Darby Drugs Distribution Center				
Well ID	**2013-04A**	**2013-04B**	**2013-04C**	**2010-04D**
Depth to Water (ft)	4.57	5.34	5.44	8.29
Depth to Bottom (ft)	100	70	50	15
Groundwater Elevation (ft)	6.01	5.26	5.19	4.93

The groundwater levels were measured in each of the sixteen (16) monitoring wells and the five (5) piezometer wells using a water level meter. The groundwater elevations in the monitoring wells ranged from 4.48 feet in monitoring well 2020-03B-R to 6.30 feet in monitoring well 2010-01D. Groundwater elevation in the piezometer wells ranged from 4.72 feet in piezometer well PZ-1 to 5.88 feet in piezometer well PZ-5. Groundwater potentiometric maps were generated for each of the well depth ranges, as presented in Figures 3.0 through 6.0, attached.

Groundwater monitoring wells 2010-01A, 2010-02A, 2020-03A-R, and 2013-04A were used to generate a groundwater potentiometric map at a 100-foot depth, attached as Figure 3.0. Groundwater elevations generally decrease in the four (4) wells from southeast to northwest, with groundwater flow towards the northwest.

Groundwater monitoring wells 2010-01B, 2010-02B, 2020-03B-R, and 2013-04B were used to generate a groundwater potentiometric map at a 70-foot depth, attached as Figure 4.0. Groundwater elevations generally from northwest to the southeast and southeast to northwest with a low point in the center of the wells, groundwater flow is generally towards the northeast.

Groundwater monitoring wells 2010-01C, 2010-02C, 2020-03C-R, and 2013-04C were used to generate a groundwater potentiometric map at a 50-foot depth, attached as Figure 5.0. Groundwater elevations generally decrease in the four (4) wells from north-northeast to the southwest, groundwater flow generally towards the southwest.

Groundwater monitoring wells 2010-01D, 2010-02D, 2010-03D, 2010-04D, and piezometer wells PZ-1 through PZ-5, and PZ-Sump were used to generate a groundwater potentiometric map at shallow depths between 12 feet and 15 feet, attached as Figure 6.0. The overall groundwater flow direction at the time of the April 2023 sampling event was towards the southeast with a localized depression around the PZ-Sump.

5.2 GROUNDWATER MONITORING WELL SAMPLING

As part of the Site GWET, quarterly groundwater sampling is performed on the sixteen (16) on-site groundwater monitoring wells. The monitoring wells are grouped into four (4) well clusters, with each cluster including four monitoring wells screened at specific depths. The monitoring wells are designated as such: MW-2010-01A, B, C, and D; MW-2010-02A, B, C, and D; MW-2020-03A, B-R, C-R; MW-2010-03-D; MW- 2013-04 A, B, C; and MW-2010-04D. Wells with an "A" designation are screened from 90 to 100 feet below ground surface (bgs), "B" designation are screened from 60 to 70 feet bgs, "C" designation are screened from 40 to 50 feet bgs, and "D" designation are screened from 10 to 15 feet bgs. Please refer to Figure 2.0, Monitoring Well Location Map.

Groundwater samples were collected from each of the sixteen (16) groundwater monitoring wells on April 25, 2023. Prior to sampling, each well was gauged utilizing a groundwater level meter for the depth to water below the ground surface. Utilizing a down well submersible electric pump and disposable polyethylene tubing, each of the two-inch diameter wells was purged of a minimum of three (3) well volumes of water. Each one-inch diameter well was purged utilizing a peristaltic pump. The amount of water was determined by measuring the height of the water column within each well and multiplying the water column height by the known volume of water per foot of well. All water removed during the process was disposed of on-site.

Upon completion of purging, groundwater quality data were collected utilizing an YSI 600 XL MP Sonde Multiparameter water quality meter and a Hanna® turbidity meter or similar instruments. Three (3) groundwater quality readings were taken at five-minute intervals from each well. The readings were recorded and evaluated to confirm that the groundwater conditions had stabilized and that a representative groundwater sample was being obtained. Please refer to Appendix B for the groundwater quality data sheets. Each monitoring well sample was collected from dedicated polyethylene tubing connected to a variable speed peristaltic pump set to a low flow operating speed. Sample bottles were filled directly from dedicated tubing and were immediately placed in a cooler maintained at 4ºC, under strict chain of custody procedures.

Samples were transported via laboratory courier to York Analytical Laboratories, Inc. located in Stratford, Connecticut (ELAP #10854). The samples were analyzed for volatile organic compounds (VOCs) utilizing EPA Method 8260. All analytical results were compared to the NYSDEC Class GA Groundwater Quality Standards (AWQS) as provided in the Technical Operation and Guidance Series (TOGS 1.1.1) guidance document dated June 1998 and its addendum dated April 2000. The laboratory analytical results for the groundwater samples collected are presented in the following section.

5.3 GROUNDWATER ANALYTICAL RESULTS

The laboratory analytical results from each of the sixteen (16) groundwater samples, collected from the four (4) well clusters, are presented in Tables IV through VII on the following pages. A copy of the laboratory analytical report is attached as Appendix C.

Table IV					
Tabulated Groundwater Analytical Results Sampled 04/25/23					
Former Darby Drugs Distribution Center					
Well ID	**2010-01A**	**2010-01B**	**2010-01C**	**2010-01D**	**Groundwater (GW) Standards**
Screened Interval (ft)	90-100	60-70	40-50	10-15	
1,1,1-Trichloroethane	ND	ND	ND	ND	5
1,1,2-Trichloroethane	ND	ND	ND	ND	1
1,1-Dichloroethane	ND	ND	ND	0.43	5
1,1-Dichloroethylene	ND	ND	ND	0.920	5
1,2,4-Trichlorobenzene	ND	ND	ND	ND	5
1,2,4-Trimethylbenzene	ND	ND	ND	ND	5
Acetone	ND	ND	ND	ND	50
Carbon Tetrachloride	ND	ND	ND	ND	5
Chloroethane	ND	ND	ND	ND	5
Chloroform	ND	ND	0.29	ND	7
Chloromethane	ND	ND	ND	ND	5
cis-1,2-Dichloroethylene	ND	ND	ND	**154**	5
Dichlorodifluoromethane	ND	ND	ND	ND	5
Methylene chloride	ND	ND	ND	ND	5
Tetrachloroethylene	ND	ND	ND	**67**	5
trans-1,2-Dichloroethylene	ND	ND	ND	0.86	5
Trichloroethylene	ND	ND	ND	**14.80**	5
Vinyl Chloride	ND	ND	ND	**7.65**	2
Total CVOCs	0.00	0.00	0.29	245.66	N/A

All concentrations are in parts per billion (ppb)

ND = Non-Detect

Volatile Organic Compound Analysis using EPA Method 8260

"**Bold**"= concentration over the NYSDEC Ambient GW Standards"

Analytes that makeup Total chlorinated volatile organic compounds (CVOC) compounds are highlighted in blue.

Table V					
Tabulated Groundwater Analytical Results Sampled 04/25/23					
Former Darby Drugs Distribution Center					
Well ID	**2010-02A**	**2010-02B**	**2010-02C**	**2010-02D**	
Screened Interval (ft)	90-100	60-70	40-50	10-15	**GW Standards**
1,1,1-Trichloroethane	ND	ND	ND	0.97	5
1,1,2-Trichloroethane	ND	ND	ND	ND	1
1,1-Dichloroethane	ND	ND	ND	ND	5
1,1-Dichloroethylene	ND	ND	ND	**15.20**	5
1,2,4-Trichlorobenzene	ND	ND	ND	0.28	5
1,2,4-Trimethylbenzene	ND	ND	ND	ND	5
Acetone	ND	ND	ND	ND	50
Carbon Tetrachloride	ND	ND	ND	ND	5
Chloroethane	ND	ND	ND	ND	5
Chloroform	ND	ND	0.55	**18.90**	7
Chloromethane	ND	ND	ND	ND	5
cis-1,2-Dichloroethylene	0.62	ND	ND	**6,230**	5
Dichlorodifluoromethane	ND	ND	ND	ND	5
Methylene chloride	ND	ND	ND	1.02	5
Naphthalene	ND	ND	ND	ND	10
Tetrachloroethylene	1.25	ND	0.59	**2,040**	5
trans-1,2-Dichloroethylene	ND	ND	ND	**43.3**	5
Trichloroethylene	0.37	ND	ND	**2,020**	5
Vinyl Chloride	ND	ND	ND	**385**	2
Total CVOCs	2.24	0.00	1.14	10,753.42	N/A

All concentrations are in ppb

ND = Non-Detect

Volatile Organic Compound Analysis using EPA Method 8260

"**Bold**"= concentration over the NYSDEC Ambient GW Standards"

Table VI					
Tabulated Groundwater Analytical Results Sampled 04/25/23					
Former Darby Drugs Distribution Center					
Well ID	**2020-03A-R**	**2020-03B-R**	**2020-03C-R**	**2010-03D**	**GW Standards**
Screened Interval (ft)	90-100	60-70	40-50	10-15	
1,1,1-Trichloroethane	ND	ND	ND	ND	5
1,1,2-Trichloroethane	ND	ND	ND	**7.71**	1
1,1-Dichloroethane	ND	ND	ND	ND	5
1,1-Dichloroethylene	ND	ND	ND	3.59	5
1,2,4-Trichlorobenzene	ND	ND	ND	ND	5
1,2,4-Trimethylbenzene	0.31	ND	ND	ND	5
Acetone	ND	ND	ND	1.94	50
Carbon Tetrachloride	ND	ND	ND	ND	5
Chloroethane	ND	ND	ND	ND	5
Chloroform	ND	ND	ND	0.58	7
Chloromethane	ND	ND	ND	ND	5
cis-1,2-Dichloroethylene	0.91	4.79	2.29	**1,120**	5
Dichlorodifluoromethane	ND	ND	ND	ND	5
Methylene chloride	ND	1.69	0.45	ND	5
Naphthalene	0.24	ND	ND	ND	10
Tetrachloroethylene	ND	0.78	0.62	**3,370**	5
trans-1,2-Dichloroethylene	ND	ND	ND	**25.6**	5
Trichloroethylene	ND	ND	0.50	**363**	5
Vinyl Chloride	ND	1.87	ND	**9.12**	2
Total CVOCs	0.91	9.13	3.86	4,891.89	N/A

All concentrations are in ppb

ND = Non-Detect

Volatile Organic Compound Analysis using EPA Method 8260

"**Bold**"= concentration over the NYSDEC Ambient GW Standards"

Table VII					
Tabulated Groundwater Analytical Results Sampled 04/25/23					
Former Darby Drugs Distribution Center					
Well ID	**2013-04A**	**2013-04B**	**2013-04C**	**2010-04D**	**GW Standards**
Screened Interval (ft)	90-100	60-70	40-50	10-15	
1,1,1-Trichloroethane	ND	ND	ND	ND	5
1,1,2-Trichloroethane	ND	ND	ND	ND	1
1,1-Dichloroethane	ND	ND	ND	ND	5
1,1-Dichloroethylene	ND	ND	ND	ND	5
1,2,4-Trichlorobenzene	ND	ND	ND	ND	5
1,2,4-Trimethylbenzene	ND	ND	ND	ND	5
Acetone	ND	ND	ND	1.98	50
Carbon Tetrachloride	ND	ND	ND	ND	5
Chloroethane	ND	ND	ND	ND	5
Chloroform	ND	ND	ND	ND	7
Chloromethane	ND	ND	ND	ND	5
cis-1,2-Dichloroethylene	ND	0.63	0.40	**10.70**	5
Dichlorodifluoromethane	ND	ND	ND	ND	5
Methylene chloride	0.43	ND	ND	0.67	5
Naphthalene	ND	ND	ND	ND	10
Tetrachloroethylene	0.7	1.7	0.63	**11.2**	5
trans-1,2-Dichloroethylene	ND	ND	ND	ND	5
Trichloroethylene	ND	ND	ND	1.77	5
Vinyl Chloride	ND	ND	ND	ND	2
Total CVOCs	1.13	2.33	1.03	24.34	5

All concentrations are in ppb

ND = Non-Detect

Volatile Organic Compound Analysis using EPA Method 8260

"**Bold**"= concentration over the NYSDEC Ambient GW Standards"

Analytes that make up Total CVOC compounds are highlighted.

Groundwater Samples 2010-01A, 2010-02A, 2020-03A, & 2013-04A – Wells screened 90 to 100 ft bgs

Concentrations of CVOCs detected in groundwater monitoring wells 2010-01A, 2010-02A, 2020-03A and 2013-04A were below the NYSDEC AWQS.

Groundwater samples 2010-01B, 2010-02B, 2020-03B, & 2013-04B – Wells Screened 60 to 70 ft bgs

Concentrations of CVOCs detected in groundwater monitoring wells 2010-01B, 2010-02B, 2020-03B and 2013-04B were below the NYSDEC AWQS.

Groundwater samples 2010-01C, 2010-02C, 2020-03C, & 2013-04C – Wells Screened 40 to 50 ft bgs

Concentrations of CVOCs detected in groundwater monitoring wells 2010-01C, and 2010-02C, 2020-03C-R and 2013-04C were below the NYSDEC AWQS.

Groundwater samples 2010-01D, 2010-02D, 2010-3D, & 2010-04D – Wells Screened 10 to 15 ft bgs

Several CVOC concentrations were identified in exceedance of their respective NYSDEC AWQS in each of the four (4) monitoring wells screened from 10 to 15 feet bgs. The highest amount of CVOC concentrations were observed in the 2010-02D well, followed by 2010-03D, 2010-01D, and 2010-04D. As such, groundwater in the 10 to 15 feet zone remains the interval of groundwater with the highest CVOC impact observed.

5.4 HISTORICAL GROUNDWATER CONCENTRATIONS

The current round of groundwater sampling has been compared with previous rounds of sampling to identify any trends in groundwater quality at the Site and to identify any anomalies in the analytical data. The comparison was made between the total CVOC concentrations in all the wells beginning in October 2011 to the present. The following constituents were tabulated for total CVOC concentrations: 1,1,1-trichloroethane; 1,1-dichloroethane; 1,1-dichloroethylene; carbon tetrachloride; chloroethane; chloroform; chloromethane; cis-1,2-dichloroethylene; dichlorodifluoromethane; methylene chloride; tetrachloroethylene; trans-1,2-dichlorethylene; trichloroethylene; vinyl chloride. A review of the analytical data for the total CVOCs concentrations for the periods when the system was in full operation under the current and previous SPDES permits equivalent up to and including the April 2023 sampling event shows results that are relatively consistent with previous monitoring events, except for results from 2010-02D and 2010-03D. Total CVOCs in 2010-02D and 2010-03D were elevated above all historical total CVOC values. Please refer to Table VIII on the following pages for tabulated Historical Total CVOC concentrations.

Table VIII				
Historical Total CVOC concentration, Former Darby Drugs				
80-100 Banks Avenue, Rockville Center, New York				
Well ID	**2010-01A**	**2010-01B**	**2010-01C**	**2010-01D**
DTB (feet)	100	70	50	15
Date				
October 19, 2011*	0.5	0.5	0.48	120
January 19, 2012*	0.5	0.5	0.5	1,100
July 20, 2012	ND	3.2	3.1	411
October 24, 2012	ND	ND	ND	542.3
January 31, 2013	ND	4.4	ND	461
June 11, 2013	ND	ND	ND	492
July 29, 2013	ND	ND	ND	468
October 24, 2013	ND	ND	ND	356
January 28, 2014	ND	ND	ND	421
April 23, 2014	1.2	1.5	1.47	394.17
July 24, 2014	5.66	1.7	382.54**	ND**
October 27, 2014	ND	ND	ND	441.07
February 4, 2015	ND	ND	ND	321.67
April 27, 2015	ND	ND	ND	245.06
July 29, 2015	1.1	ND	0.86	198.08
October 29, 2015	ND	8.4	ND	1,075.47
January 27, 2016	0.55	0.5	0.44	611.7
April 28, 2016	ND	ND	ND	261.55
July 27, 2016	ND	0.47	2.13	117.6
October 26, 2016	ND	ND	1.8	151.64
January 18, 2017	ND	ND	0.38	522
April 20, 2017	ND	ND	1.4	80.4
July 25, 2017	ND	ND	2.4	70.7
October 31, 2017	ND	ND	2.63	152.2
January 25, 2018	ND	ND	0.25	232.2
April 24, 2018	ND	ND	ND	85.8
July 31, 2018	ND	ND	ND	183.03
October 29, 2018	ND	ND	278.14	79.94
January 29, 2019	ND	ND	ND	98.31
April 30, 2019	ND	ND	ND	191.71
July 30, 2019	ND	ND	ND	233.06
October 31, 2019	ND	1.06	ND	100
January 29, 2020	ND	ND	ND	184.87
July 20, 2020	0.49	0.44	3.12	354.54
October 27, 2020	ND	ND	0.9	182.35
January 27, 2021	ND	ND	0.78	626.99
April 29, 2021	ND	ND	0.42	127.85
July 28, 2021	ND	ND	0.65	84.69
October 27, 2021	ND	ND	0.33	301.98
January 21, 2022	1.11	ND	0.69	403.99
April 26, 2022	0.31	0.33	0.31	392.57
July 26, 2022	0.22	2.48	0.32	416.24
October 27, 2022	0.22	ND	0.31	452.68
January 26, 2023	ND	ND	0.410	269.09
April 25, 2023	ND	ND	0.29	245.66

Table VIII (Continued)				
Historical Total CVOC Concentration Former Darby Drugs				
80-100 Banks Avenue, Rockville Center, New York				
Well ID	**2010-02A**	**2010-02B**	**2010-02C**	**2010-02D**
DTB (feet)	100	70	50	15
Date				
October 19, 2011*	0.42	12	7.9	990
January 19, 2012*	1.5	10	3.2	820
July 20, 2012	4.2	11.1	81.5	508
October 24, 2012	1.5	4	2.1	637.7
January 31, 2013	2.2	4.7	3.4	493
June 11, 2013	ND	3.5	31	542
July 29, 2013	ND	3.6	67	489
October 24, 2013	ND	2.7	13	407
January 28, 2014	ND	2.5	4	243
April 23, 2014	1.2	1.71	50.32	409
July 24, 2014	2.81	6.9	25.27	399.28
October 27, 2014	2.3	6.47	2.7	425.93
February 4, 2015	5.7	4.4	18.53	452.11
April 27, 2015	2.83	2.97	43.1	1,365
July 29, 2015	9.85	4	20.45	1,054
October 29, 2015	1.8	1.9	10.93	1,396
January 27, 2016	4.38	2.42	0.59	950
April 28, 2016	2.1	1.6	3	843
July 27, 2016	1.57	2.1	2.51	1,879
October 26, 2016	1.5	1.6	16.83	718.4
January 18, 2017	2.32	1.69	5.57	425.7
April 20, 2017	0.63	1.4	26.08	421.91
July 25, 2017	0.78	1.1	9.19	227
October 31, 2017	0.8	5.5	21.95	3,026
January 25, 2018	1.64	0.94	49.29	13,032
April 24, 2018	1.05	0.98	24	3,902
July 31, 2018	2.11	0.88	26.01	4,081
October 29, 2018	0.71	0.62	286	7,195
January 29, 2019	0.57	16.25	5.14	2,686.4
April 30, 2019	0.85	0.6	10.57	3,417.95
July 30, 2019	0.58	0.7	12.82	1,646.43
October 31, 2019	1.18	235.16	3.19	17,958
January 29, 2020	0.64	0.56	26.64	2,939.67
July 20, 2020	0.88	0.82	3.76	1,498.47
October 27, 2020	0.34	0.25	7.7	1,128.9
January 27, 2021	1.89	0.73	2.39	1,549.41
April 29, 2021	0.39	0.44	1.21	1,654.80
July 28, 2021	0.46	0.50	1.93	3,732
October 27, 2021	0.46	0.40	1.80	1,127.64
January 21, 2022	0.39	0.72	3.06	2,985
April 26, 2022	0.77	0.83	1.38	2,550.25
July 26, 2022	0.30	0.50	1.31	1,045.00
October 27, 2022	0.59	1.20	0.69	2,158.96
January 26, 2023	0.55	ND	1.01	1,216.61
April 25, 2023	2.24	ND	1.14	10,753.42

Table VIII (Continued)				
Historical Total CVOC Concentration, Former Darby Drugs				
80-100 Banks Avenue, Rockville Center, New York				
Well ID	**2020-03A**	**2020-03B**	**2020-03C**	**2010-03D**
DTB (feet)	100	70	50	15
Date				
October 19, 2011*	56	46	260	350
January 19, 2012*	28	44	86	230
July 20, 2012	53.6	46.9	172	526
October 24, 2012	26.1	174	464.54	943.9
January 31, 2013	42.2	86	124.4	643
June 11, 2013	45.5	86.8	630.1	1,000
July 29, 2013	67.8	44	668.1	1,014
October 24, 2013	45.5	190	180.7	606
January 28, 2014	30.3	575	172.9	758
April 23, 2014	21	68.8	177	541
July 24, 2014	67.92	32.97	62.18	555.17
October 27, 2014	48.66	71.97	73	1,521.58
February 4, 2015	100.07	63.04	73.12	1,802
April 27, 2015	N/A	33.08	40.28	1,583
July 29, 2015	N/A	36.82	439.14	4,157
October 29, 2015	50.91	42.97	117.46	1,836
January 27, 2016	48.66	24.23	42	1,899.5
April 28, 2016	N/A	20.37	13.19	1318
July 27, 2016	49.4	11.41	6.34	1,612.15
October 26, 2016	15.7	44.15	23	1,020.04
January 18, 2017	33.98	27.44	25.02	2,850
April 20, 2017	25.66	50.81	52	705.23
July 25, 2017	12	184.56	193	313
October 31, 2017	57.93	65.81	172.26	2,980
January 25, 2018	ND	251.8	288	622
April 24, 2018	245.11	363.9	2024	3,764
July 31, 2018	382	240.9	472	2,997
October 29, 2018	1,195.08	0.23	566.2	1,473.54
January 29, 2019	5,012.73	40.23	664.7	1,867.45
April 30, 2019	N/A	427.68	1,922.67	2,810.35
July 30, 2019	3,772	1,972.35	4,521.13	1,289.78
October 31, 2019	161	173.39	2,164.45	4,170.02
January 29, 2020	3,494.13	191.91	1,610.46	446.65
July 20, 2020	29.22	18.64	18.3	2,299.85
October 27, 2020	12.6	12.75	2.42	960.4
January 27, 2021	18.86	11.7	1.32	2,094.04
April 29, 2021	5.77	4.92	0.32	2,211.07
July 28, 2021	5.42	12.33	1.06	1,885.1
October 27, 2021	5.63	8.16	0.310	1,650.48
January 21, 2022	1.92	14.46	1.97	1,858.53
April 26, 2022	2.49	7.89	3.04	546.32
July 26, 2022	2.48	11.95	9.92	3,413.75
October 27, 2022	1.13	7.61	3.59	1,361.91
January 26, 2023	ND	3.62	4.17	3,607.43
April 25, 2023	0.91	9.13	3.86	4,891.86

Table VIII (Continued)				
Historical Total CVOC Concentration, Former Darby Drugs				
80-100 Banks Avenue, Rockville Center, New York				
Well ID	**2013-04A**	**2013-04B**	**2013-04C**	**2010-04D**
DTB (feet)	100	70	50	15
Date				
October 19, 2011*	56	46	260	350
January 19, 2012*	28	44	86	230
July 20, 2012	N/A	N/A	N/A	339
October 24, 2012	N/A	N/A	N/A	507.5
January 31, 2013	N/A	N/A	N/A	179.4
June 11, 2013	ND	ND	4.3	252
July 29, 2013	8	10	3.4	209
October 24, 2013	3.6	ND	4.4	241
January 28, 2014	23.6	8.9	5.4	128.4
April 23, 2014	4.39	2.94	2	41.3
July 24, 2014	35.4	13.04	10.15	22.9
October 27, 2014	25.49	28.65	18.33	25.6
February 4, 2015	39.8	72.7	8.8	80.1
April 27, 2015	8.66	5.6	2.85	62.1
July 29, 2015	33.7	47.7	17.71	97.6
October 29, 2015	ND	1.92	0.58	171.69
January 27, 2016	32.8	62.9	10.12	288.94
April 28, 2016	8.52	10.29	10.26	161.6
July 27, 2016	25.7	33.02	9.93	90
October 26, 2016	6.75	10.95	4.13	56.63
January 18, 2017	25.32	27	9.13	51.18
April 20, 2017	6.94	8.71	10.54	34.52
July 25, 2017	5.31	11.38	7.28	26.94
October 31, 2017	16.38	50.61	8.5	65.5
January 25, 2018	35.2	63.1	21.06	137.62
April 24, 2018	79.1	79.4	41.6	73.4
July 31, 2018	21.88	21.6	5.72	47.76
October 29, 2018	3.65	2.59	0.91	29.92
January 29, 2019	42.76	78.28	14.64	39.04
April 30, 2019	24.6	21.03	6.73	32.93
July 30, 2019	0.61	2.49	1.64	45.27
October 31, 2019	69	146.72	94.57	155.82
January 29, 2020	2.76	9.41	0.67	86.05
July 20, 2020	1.06	0.39	0.26	59.44
October 27, 2020	ND	0.48	ND	56.03
January 27, 2021	0.24	0.30	ND	34.51
April 29, 2021	ND	0.27	ND	26.03
July 28, 2021	0.67	0.36	0.25	14.28
October 27, 2021	ND	ND	ND	14.86
January 21, 2022	1.53	ND	0.50	42.68
April 26, 2022	0.35	ND	ND	21.6
July 26, 2022	1.13	0.25	ND	32.84
October 27, 2022	ND	ND	ND	13.18
January 26, 2023	1.350	0.44	0.25	32.35
April 25, 2023	1.13	2.33	1.03	24.34

Notes: All concentrations are in parts per billion (ppb), VOCs analyzed using EPA method 8260
N/A = not analyzed * = Concentrations are PCE only, ** = sample labeling error

Historical groundwater total CVOC data have been utilized to prepare Historical Total CVOC Concentration graphs for each depth interval. The vertical scale of the graphs for the various monitoring wells have been adjusted to accommodate the maximum concentration detected. Please refer to Graphs 1.0 through 5.0 found at the end of this report.

5.5 GROUNDWATER INFLUENT AND EFFLUENT SAMPLING

To evaluate the effectiveness of the GWET system, influent and effluent samples are collected from the flow stream. The influent and effluent samples are compared to each other to determine the amounts of contaminants of concern (COC) being removed by the GWET system. This sampling also provides a means of monitoring the system's efficiency and determining the scheduling of system maintenance.

On April 25, 2023 ***Laurel*** staff performed quarterly groundwater sampling, including the sampling of the GWET system influent and effluent groundwater. One (1) influent sample and one (1) effluent sample were collected. The influent sample designated "System Influent" was collected from the SSWMS sump influent as a representative of the influent into the GWET system. The Sump Influent sample was collected from the sampling port installed in the system, between the SSWMS and the stripper tower. The groundwater recovery wells were not in operation during the monitoring event, therefore an influent sample from the groundwater recovery wells was not collected.

The effluent sample designated "System Effluent Liquid" was collected through the sampling port installed in the discharge line between the stripper tower and the point at which the discharge line exits the building. The influent and effluent samples were collected directly into laboratory supplied glassware and immediately placed in a cooler maintained at 4ºC, under strict chain of custody procedures.

The samples were transported via courier to York Analytical Laboratories, Inc. located in Stratford, Connecticut (ELAP #10854). The samples were analyzed for the presence of VOCs utilizing USEPA Method 8260.

The concentrations of VOCs detected in the Sump Influent and System Effluent Liquid groundwater samples were compared to each other and to Class GA Groundwater Quality Standards. Comparison of the groundwater samples showed the air stripper tower is removing contaminants from the groundwater in the GWET system.

Please refer to Table IX on the following page for tabulated analytical data for treatment system influent and effluent results for samples collected during the April 25, 2023, events.

Table IX Treatment System Influent and Effluent Sample Results April 2023 Sampling Events			
Parameter	**Sump Influent**	**System Effluent Liquid**	**Water Quality Standard**
Cis-1,2-Dichloroethylene	**27.8**	NA	5
Acetone	1.98	ND	50
Chloroform	ND	NA	7
Tetrachloroethylene	**129**	ND	5
Trans-1,2-Dichloroethylene	0.51	ND	5
Trichloroethylene	**16.4**	ND	5
Vinyl chloride	**1.64**	ND	2
Total CVOCs	177.33	ND	NA
pH	NA	7.41	NA

All results in µg/l
ND = non-detect. Concentration below laboratory method detection limit.
NA=Data not available

5.6 SYSTEM EFFLUENT AIR

The groundwater pump and treat system at the Site includes a shallow tray stripper. The COC are stripped from the liquid as it passes through the system and are volatilized into the air, which is discharged to the atmosphere through the air discharge line that extends above the roof of the Site building. This discharge line is equipped with a sampling port, which allows for monitoring of the effluent air stream.

On April 27, 2023, ***Laurel*** collected an effluent air sample by direct grab. The collected sample was transported via courier to York Analytical Laboratories, Inc. located in Stratford, Connecticut (ELAP #10854) and analyzed for the presence of VOCs utilizing USEPA Method TO-15. The system effluent air sample collected represents the contaminants generated from the stripping of the sub-slab storm water management system liquids.

Laboratory analysis of the sample identified CVOC present in the airstream at concentrations that indicate that the GWET system is operating correctly. Please refer to Table X: Treatment System Air Effluent Sample on the following page.

Table X Treatment System Air Effluent Sample April 27, 2023	
Analytes	**System Effluent**
1,1-Dichloroethylene	1.2
Chloroethane	ND
Chloroform	2.4
Chloromethane	1.5
cis-1,2-Dichloroethylene	210
Dichlorodifluoromethane	2.9
Methylene chloride	ND
Tetrachloroethylene	2,600
trans-1,2-Dichloroethylene	4.3
Trichloroethylene	160
Vinyl Chloride	15

All results are in micrograms per cubic meter µg/m^3

5.7 DATA VALIDATION

All groundwater samples collected as part of the quarterly groundwater sampling requirements are analyzed in accordance with EPA Method 8260. An Analytical Service Protocol Category B deliverable data package is provided by the laboratory and submitted to a third-party data validator. As of the date of this report the result of the data validation has not yet been received by ***Laurel***. Upon receipt of the data usability summary report, (DUSR) It will be forwarded to the NYSDEC in the form of an addendum to this report.

6.0 STATE POLLUTANT DISCHARGE ELIMINATION SYSTEM

The GWET system is designed to operate 24 hours per day, seven days a week, with minimal shutdown periods for maintenance. The system is designed to pump a total of approximately 15 gallons of water per minute for the three (3) on site groundwater recovery wells. However, the system is capable of processing up to 30 gallons per minute, based on the system performance estimate presented in the final engineering report, prepared by PWGC. Due to the shallow groundwater table at the Site, on-site disposal of remediated groundwater is not possible. Therefore, treated water is discharged into the municipal storm water sewer system. As required by the NYSDEC Division of Water, a state pollutant discharge elimination system (SPDES) permit equivalent is required. The permit requires monthly sampling of the liquid being discharged to the public sewer system. The SPDES permit equivalent was renewed in March 2022. At the time of the permit renewal in 2017, the additional water generated by the sub-slab pumping system and subsequently discharged to the public sewer system was added to the SPDES permit equivalent.

6.1 SAMPLING AND ANALYSIS

Laurel staff sampled the system effluent, as required by the NYSDEC SPDES Permit equivalent on February 28, March 22, and April 25, 2023. Sample bottles were filled directly from a sampling port installed along the system effluent line. The samples were immediately placed in a cooler maintained at 4ºC, under strict chain of custody procedures. Samples were delivered via courier to York Analytical Laboratories, Inc. located in Stratford, Connecticut (ELAP #10854). The samples were submitted for analysis in accordance with the NYSDEC SPDES Permit equivalent requirements.

Laboratory analytical results for the system effluent samples collected in April did not indicate exceedances of the SPDES permit limits. Laboratory analytical results for the system effluent samples collected in February and March indicated the following exceedances:

- Copper was detected at a concentration of 28.6 µg/L and 64.0 µg/L in February and March, respectively, which exceeded the discharge permit limit of 17 µg/L.

Copper piping is not used in the system and is likely endemic to the soil, and therefore present in the groundwater. Laboratory analytical results for the remaining target compounds were within the NYSDEC SPDES Permit equivalent requirements.

The pH of system effluent is within SPDES permit limits.

Please refer to Table XI, XII, and XIII on the following pages for tabulated analytical data for Effluent Limits and Monitoring Requirements results. SPDES equivalent analytical results are provided in Appendix E.

Table XI, February 2023 SPDES Results

Permit Equivalent - Site # C130140

Effluent Limitations and Monitoring Requirements Sampled February 28, 2023

Former Darby Drugs Distribution Center

Outfall Number and Parameter	Discharge Locations		Units	Minimum Monitoring Requirements		DMR
	Monthly Average	Daily Max		Measurement Frequency	Sample type	Lb/day
Outfall 001 - Treated Groundwater Remediation Discharge:						
Flow	0.01	0.648	MGD	Continuous	Meter	
pH (range)	7.16	6.5-8.5	SU	Monthly	Grab	
Solids, Total Suspended	22	40	mg/l	1/month	Grab	
Acetone	ND	Monitor	µg/l	1/month	Grab	ND
Dichloroethylene 1,2-trans-	ND	10	µg/l	1/month	Grab	ND
Methyl Tert Butyl Ether	ND	Monitor	µg/l	1/month	Grab	ND
Nitroaniline 3-	ND	Monitor	µg/l	1/month	Grab	ND
Tetrachloroethylene	3.8	5	µg/l	1/month	Grab	0.02815
Toluene	ND	5	µg/l	1/month	Grab	ND
Total Arsenic	ND	315	µg/l	1/month	24-hr. Comp.	ND
Total Barium	38.8	Monitor	µg/l	1/month	24-hr. Comp.	0.287422
Total Beryllium	ND	Monitor	µg/l	1/month	24-hr. Comp.	ND
Total Cadmium	ND	39	µg/l	1/month	24-hr. Comp.	ND
Total Chromium	10.1	Monitor	µg/l	1/month	24-hr. Comp.	0.074819
Total Cobalt	ND	Monitor	µg/l	1/month	24-hr. Comp.	ND
Total Copper	**28.6**	17	µg/l	1/month	24-hr. Comp.	0.211863
Total Iron	ND	Monitor	µg/l	1/month	24-hr. Comp.	ND
Total Lead	ND	40	µg/l	1/month	24-hr. Comp.	ND
Total Magnesium	105	Monitor	µg/l	1/month	24-hr. Comp.	0.777818
Total Manganese	ND	Monitor	µg/l	1/month	24-hr. Comp.	ND
Total Mercury	ND	50	µg/l	1/month	Grab	ND
Total Nickel	ND	41	µg/l	1/month	24-hr. Comp.	ND
Total Vanadium	ND	Monitor	µg/l	1/month	24-hr. Comp.	ND
Total Zinc	32.9	330	µg/l	1/month	24-hr. Comp.	0.243716
Trichloroethene	ND	10	µg/l	1/month	24-hr. Comp.	ND
Vinyl Chloride	ND	10	µg/l	1/month	24-hr. Comp.	ND

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Table XII, March 2023 SPDES Results

Permit Equivalent - Site # C130140

Effluent Limitations and Monitoring Requirements Sampled March 22, 2023

Former Darby Drugs Distribution Center

Outfall Number and Parameter	Discharge Locations		Units	Minimum Monitoring Requirements		DMR
	Monthly Average	Daily Max		Measurement Frequency	Sample type	Lb/day
Outfall 001 - Treated Groundwater Remediation Discharge:						
Flow	0.01	0.648	MGD	Continuous	Meter	
pH (range)	6.82	6.5-8.5	SU	Monthly	Grab	
Solids, Total Suspended	29.8	40	mg/l	1/month	Grab	
Acetone	ND	Monitor	µg/l	1/month	Grab	ND
Dichloroethylene 1,2-trans-	ND	10	µg/l	1/month	Grab	ND
Methyl Tert Butyl Ether	ND	Monitor	µg/l	1/month	Grab	ND
Nitroaniline 3-	ND	Monitor	µg/l	1/month	Grab	ND
Tetrachloroethylene	ND	5	µg/l	1/month	Grab	ND
Toluene	ND	5	µg/l	1/month	Grab	ND
Total Arsenic	ND	315	µg/l	1/month	24-hr. Comp.	ND
Total Barium	32.4	Monitor	µg/l	1/month	24-hr. Comp.	0.000322
Total Beryllium	ND	Monitor	µg/l	1/month	24-hr. Comp.	ND
Total Cadmium	ND	39	µg/l	1/month	24-hr. Comp.	ND
Total Chromium	10.4	Monitor	µg/l	1/month	24-hr. Comp.	0.000103
Total Cobalt	ND	Monitor	µg/l	1/month	24-hr. Comp.	ND
Total Copper	**64.0**	17	µg/l	1/month	24-hr. Comp.	0.000636
Total Iron	ND	Monitor	µg/l	1/month	24-hr. Comp.	ND
Total Lead	ND	40	µg/l	1/month	24-hr. Comp.	ND
Total Magnesium	220	Monitor	µg/l	1/month	24-hr. Comp.	0.002187
Total Manganese	ND	Monitor	µg/l	1/month	24-hr. Comp.	ND
Total Mercury	ND	50	µg/l	1/month	Grab	ND
Total Nickel	ND	41	µg/l	1/month	24-hr. Comp.	ND
Total Vanadium	ND	Monitor	µg/l	1/month	24-hr. Comp.	ND
Total Zinc	71.1	330	µg/l	1/month	24-hr. Comp.	0.000707
Trichloroethene	ND	10	µg/l	1/month	24-hr. Comp.	ND
Vinyl Chloride	ND	10	µg/l	1/month	24-hr. Comp.	ND

Table XIII, April 2023 SPDES Results

Permit Equivalent - Site # C130140

Effluent Limitations and Monitoring Requirements Sampled April 25, 2023

Former Darby Drugs Distribution Center

Outfall Number and Parameter	Discharge Locations		Units	Minimum Monitoring Requirements		DMR
	Monthly Average	Daily Max		Measurement Frequency	Sample type	Lb/day
Outfall 001 - Treated Groundwater Remediation Discharge:						
Flow	0.01	0.648	MGD	Continuous	Meter	
pH (range)	7.41	6.5 -- 8.5	SU	Monthly	Grab	
Solids, Total Suspended	20.4	40	mg/l	1/month	Grab	
Acetone	ND	Monitor	µg/l	1/month	Grab	ND
Dichloroethylene, 1,2-trans-	ND	10	µg/l	1/month	Grab	ND
Dichloroethylene, cis-1,2	ND	10	µg/l	1/month	Grab	ND
Methyl Tert Butyl Ether	ND	Monitor	µg/l	1/month	Grab	ND
Nitroaniline 3-	ND	Monitor	µg/l	1/month	Grab	ND
Tetrachloroethylene	ND	5	µg/l	1/month	Grab	ND
Toluene	ND	5	µg/l	1/month	Grab	ND
Total Arsenic	ND	315	µg/l	1/month	24-hr. Comp.	ND
Total Barium	33.3	Monitor	µg/l	1/month	24-hr. Comp.	0.000199
Total Beryllium	ND	Monitor	µg/l	1/month	24-hr. Comp.	ND
Total Cadmium	ND	39	µg/l	1/month	24-hr. Comp.	ND
Total Chromium	10.2	Monitor	µg/l	1/month	24-hr. Comp.	0.000061
Total Cobalt	ND	Monitor	µg/l	1/month	24-hr. Comp.	ND
Total Copper	ND	17	µg/l	1/month	24-hr. Comp.	ND
Total Iron	ND	Monitor	µg/l	1/month	24-hr. Comp.	ND
Total Lead	ND	40	µg/l	1/month	24-hr. Comp.	ND
Total Magnesium	416	Monitor	µg/l	1/month	24-hr. Comp.	0.002489
Total Manganese	ND	Monitor	µg/l	1/month	24-hr. Comp.	ND
Total Mercury	ND	50	µg/l	1/month	Grab	ND
Total Nickel	ND	41	µg/l	1/month	24-hr. Comp.	ND
Total Vanadium	ND	Monitor	µg/l	1/month	24-hr. Comp.	ND
Total Zinc	39.5	330	µg/l	1/month	24-hr. Comp.	0.000236
Trichloroethene	ND	10	µg/l	1/month	24-hr. Comp.	ND
Vinyl Chloride	ND	10	µg/l	1/month	24-hr. Comp.	ND

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7.0 CONCLUSIONS

The quarterly monitoring report covers the period between February 1, 2023 through April 30, 2023. This report covers the operational status of the groundwater treatment and extraction system, the groundwater monitoring event on April 25, 2023, and the SPDES sampling events.

Based on the work conducted to date, ***Laurel*** has determined the following:

- Groundwater samples were collected from sixteen (16) groundwater monitoring wells on April 25, 2023, as a quarterly groundwater sampling event. The samples were submitted to York Analytical Laboratories in Stratford, CT for VOC analysis. The results of the analysis found elevated levels of chlorinated solvents present in groundwater monitoring wells screened in the 10 to 15 feet bgs interval (2010-01D, 2010-02D, 2010-03D, and 2010-04D).
- The pH adjustment system is regulating the pH levels of groundwater effluent to within SPDES permit limits.
- Groundwater elevations in the 100-foot groundwater monitoring wells generally decrease in the four (4) wells from southeast to northwest, with groundwater flow towards the northwest.
- Groundwater elevations in the 70-foot groundwater monitoring wells generally decrease in the four (4) wells from northwest to the southeast and southeast to northwest with a low point in the center of the wells, groundwater flow is generally towards the northeast.
- Groundwater elevations in the 50-foot groundwater monitoring wells generally decrease in the four (4) wells from north-northeast to the southwest, with groundwater flow towards the southwest.
- Groundwater monitoring wells 2010-01D, 2010-02D, 2010-03D, 2010-04D, and piezometer wells PZ-1 through PZ-5, and PZ-Sump were used to generate a groundwater potentiometric map at shallow depths between 12 feet and 15 feet, attached as Figure 6.0. The overall groundwater flow direction at the time of the April 2023 sampling event was towards the southeast with a localized depression around the PZ-Sump.

8.0 RECOMMENDATIONS

Laurel recommends the following:

- Continue on-going maintenance of the GWET system; change bag filter and replace and/or repair any system components as needed to assure ongoing operation.
- Continue to monitor system operations and perform routine maintenance, consisting of cleaning the stripper tower after every 4 months of operation, when the observed flow rate drops by more than 25%, or effluent sample concentration exceeds the NYSDEC SPDES permit equivalent discharge limits.
- Continue to monitor the pH adjustment system to control pH level and reduce fouling of the stripper tower.
- Continue quarterly groundwater monitoring and sampling of the monitoring well network for the presence of VOCs.
- Submit a quarterly status report that documents field observations, system operational status, with current and historical groundwater analytical data.
- Continue to utilize the carbon treatment system when needed (at stripper tower maintenance intervals which occur when under 25% efficiency) to maintain VOC concentrations within SPDES permit equivalent discharge limits.
- Install pump voltage logger and groundwater elevation telemetry to evaluate the effect of the installed flood wall along the western property boundary and hydraulic control at the Site. Planned installation date is May 2023, prior to the next quarterly monitoring event in July 2023.
    - After installation, ***Laurel*** will monitor the pump voltage logger and groundwater elevation telemetry to evaluate hydraulic control at the Site and the effect of the installed flood wall along the western property boundary. Additionally, the telemetry will be used to monitor the effect of pump run times and bag filter changes on the groundwater dispersion at the Site.

FIGURES

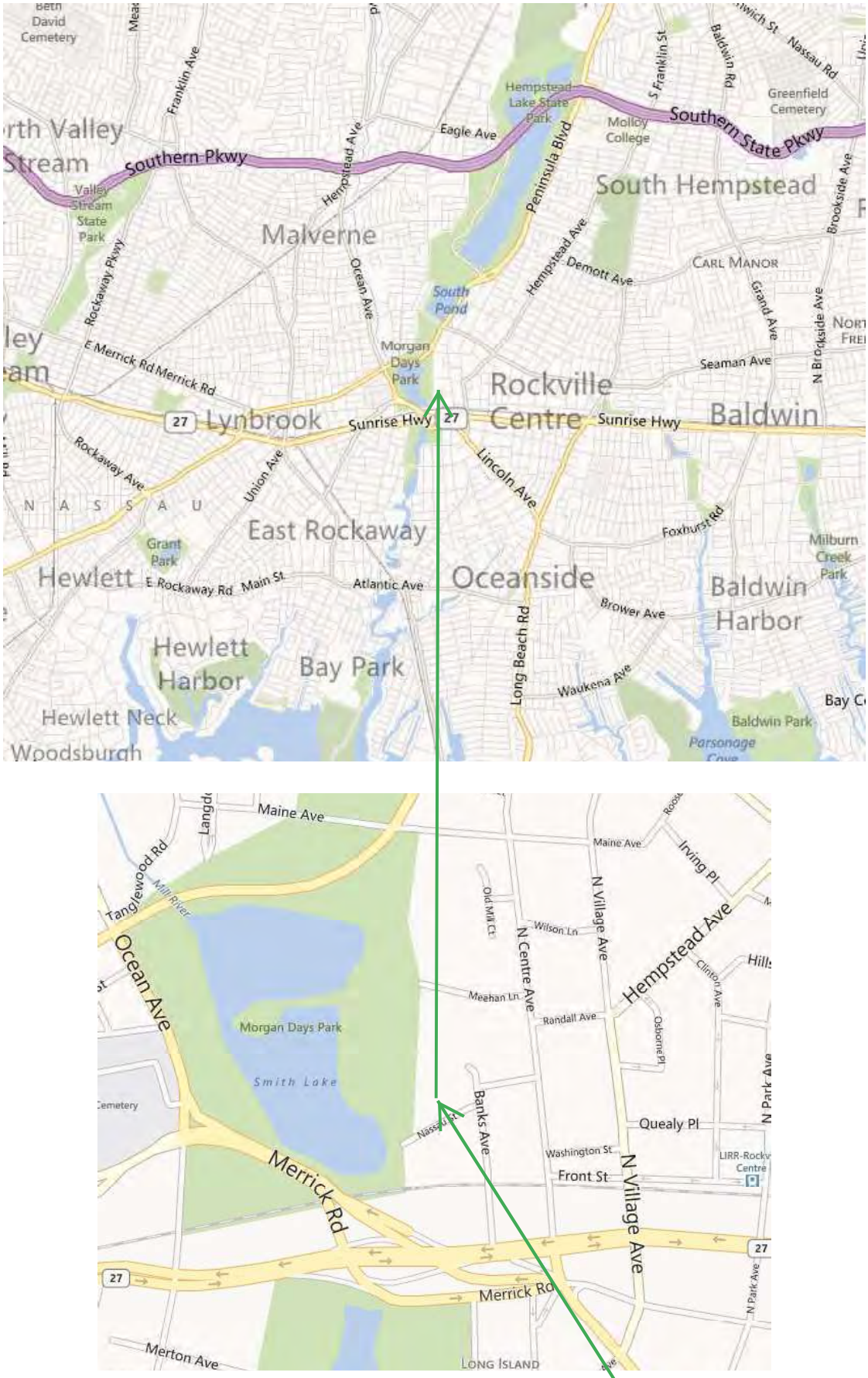
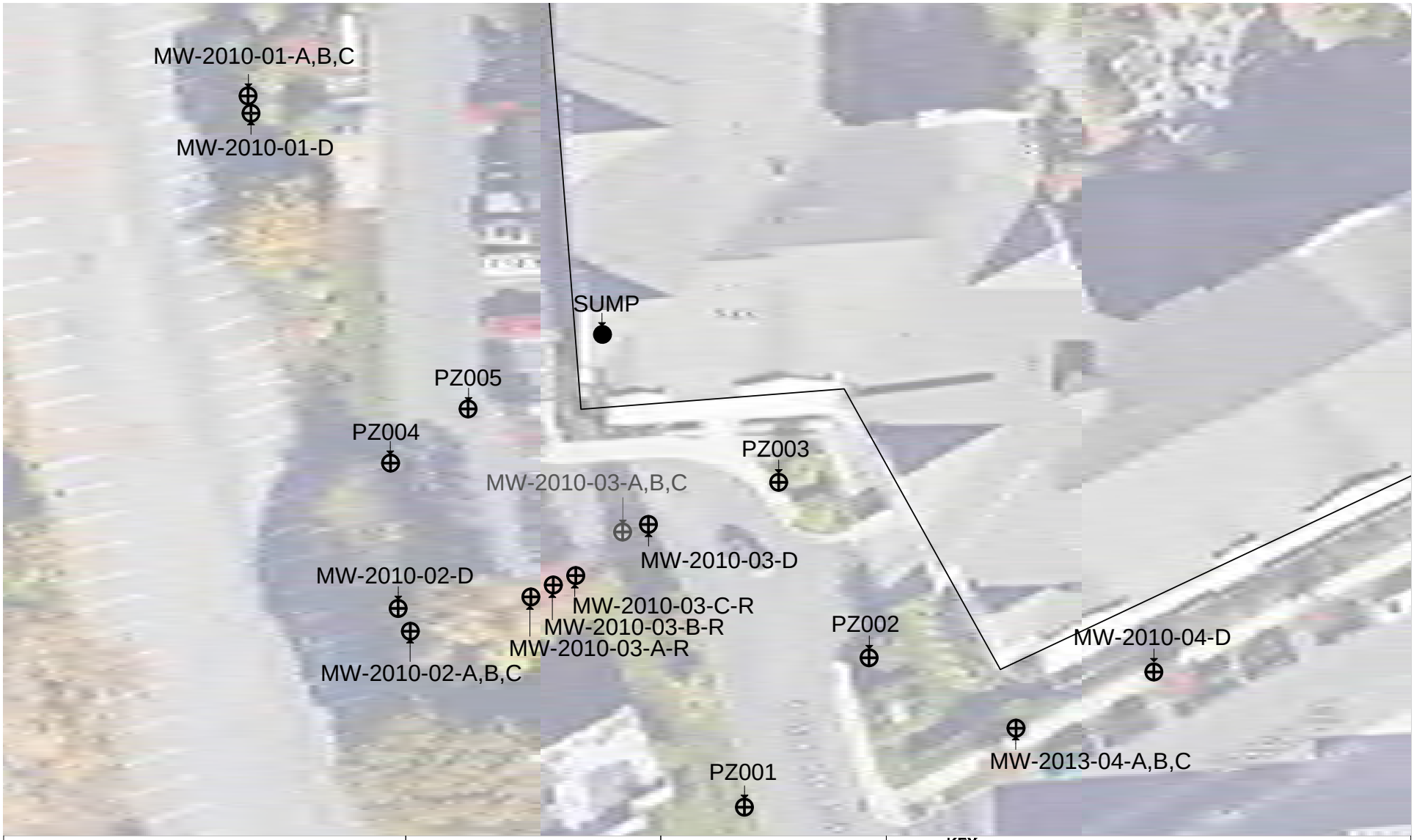


Figure 1.0 Site Location
80 Banks Avenue
Rockville Center, New York



Laurel ENVIRONMENTAL GEOSCIENCES, D.P.C.

53 West Hills Road
Huntington Station, NY 11746

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FIGURE 2.0
MONITORING WELL
LOCATION MAP

80 Banks Avenue
Rockville Centre, New York

Laurel makes no guarantees as to the accuracy of this drawing and it should only be used for informational purposes.

PROJECT #: 12-190
DRAWING DATE: 4/7/23
DRAWN BY: LG
CHECKED BY:BMC
REVISIONS: DS

KEY

- Building
- MW Monitoring Well
- MW Abandoned Monitoring Well
- PZ Piezometer
- Sump

N W E S

0 40' 80'
Scale: 1" = 40'



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FIGURE 3.0
GROUNDWATER POTENTIOMETRIC MAP - 100 FT WELLS

APRIL 25, 2023

80 BANKS AVENUE
ROCKVILLE CENTRE, NEW YORK

Laurel makes no guarantees as to the accuracy of this drawing and it should only be used for informational purposes.

PROJECT #: 12-190
DRAWING DATE: 04/26/23
DRAWN BY: EB
CHECKED BY: BMC

REVISIONS:

KEY

- Building
- MW Monitoring Well
- PZ Piezometer
- Sump
- Groundwater Flow Direction

0 40' 80'
Scale: 1" = 40'

N W E S



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FIGURE 4.0
GROUNDWATER POTENTIOMETRIC MAP - 70 FT WELLS

APRIL 25, 2023

80 BANKS AVENUE
ROCKVILLE CENTRE, NEW YORK

Laurel makes no guarantees as to the accuracy of this drawing and it should only be used for informational purposes.

PROJECT #: 12-190
DRAWING DATE: 04/26/23
DRAWN BY :EB
CHECKED BY: BMC
REVISIONS:

KEY
- Building
- MW Monitoring Well
- PZ Piezometer
- Sump
- Groundwater Flow Direction

0 40' 80'
Scale: 1" = 40'

N
W E
S



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FIGURE 5.0
GROUNDWATER POTENTIOMETRIC MAP - 50 FT WELLS

April 25, 2023

80 BANKS AVENUE
ROCKVILLE CENTRE, NEW YORK

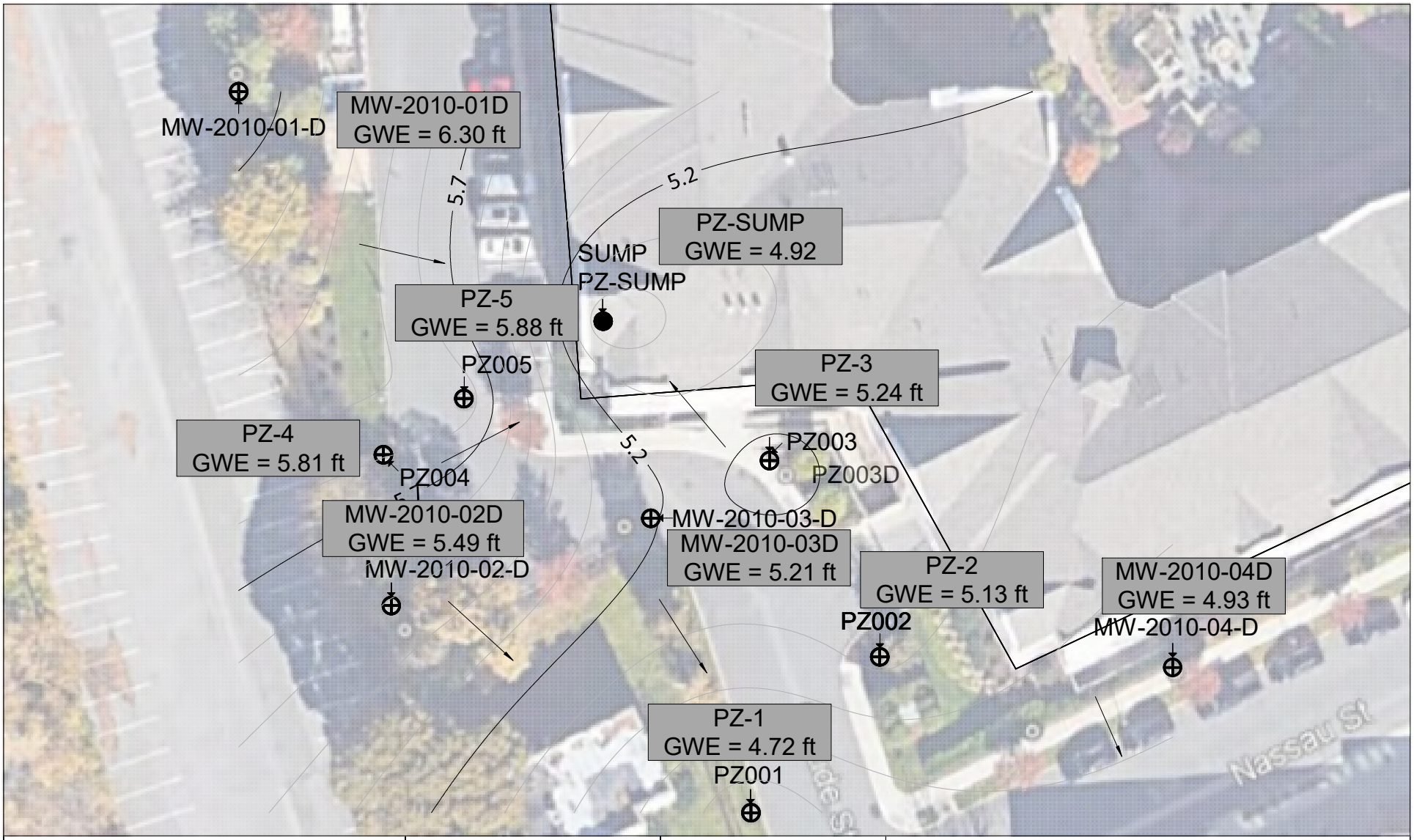
Laurel makes no guarantees as to the accuracy of this drawing and it should only be used for informational purposes.

PROJECT #: 12-190
DRAWING DATE: 04/26/23
DRAWN BY:EB
CHECKED BY: BMC
REVISIONS:

KEY
- Building
- MW Monitoring Well
- PZ Piezometer
- Sump
- Groundwater Flow Direction

0 40' 80'
Scale: 1" = 40'

N W E S



Laurel
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Huntington Station, NY 11746

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FIGURE 6.0
GROUNDWATER POTENTIOMETRIC MAP - 15 FT WELLS

APRIL 25, 2023

80 BANKS AVENUE
ROCKVILLE CENTRE, NEW YORK

Laurel makes no guarantees as to the accuracy of this drawing and it should only be used for informational purposes.

PROJECT #: 12-190
DRAWING DATE: 04/27/23
DRAWN BY: EB
CHECKED BY: BMC
REVISIONS:

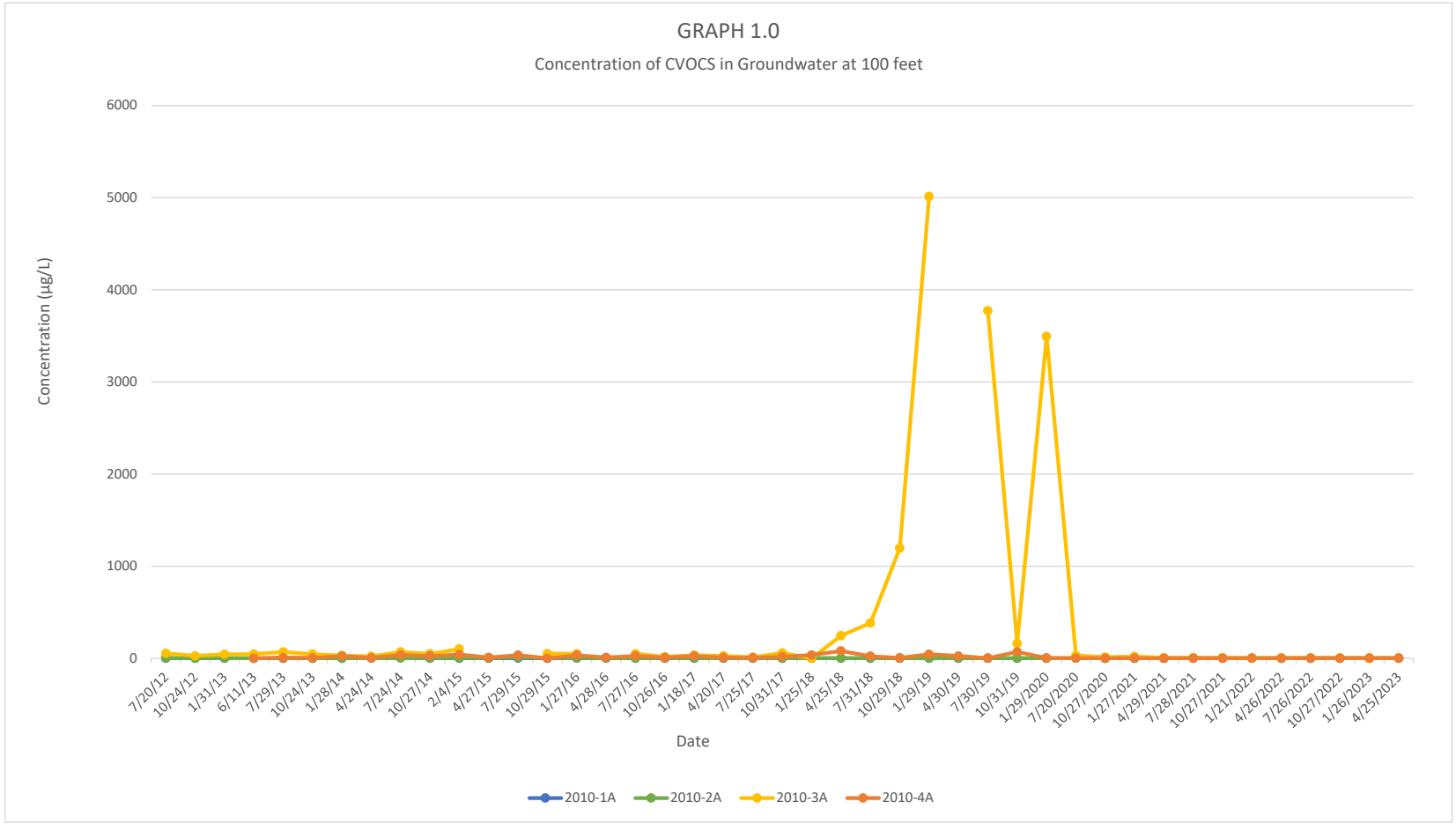
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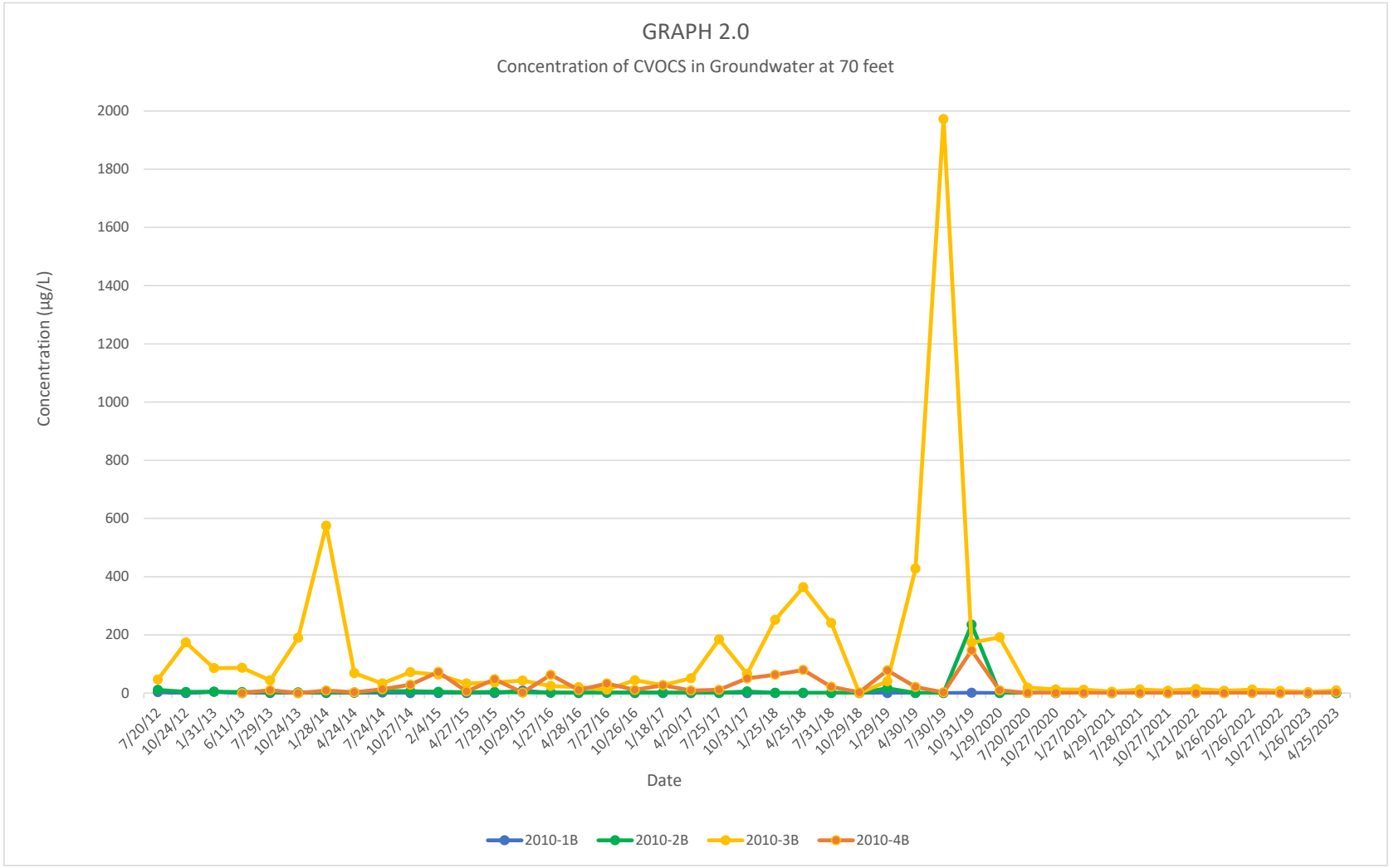
- Building
- MW Monitoring Well
- PZ Piezometer
- Sump
- Groundwater Flow Direction

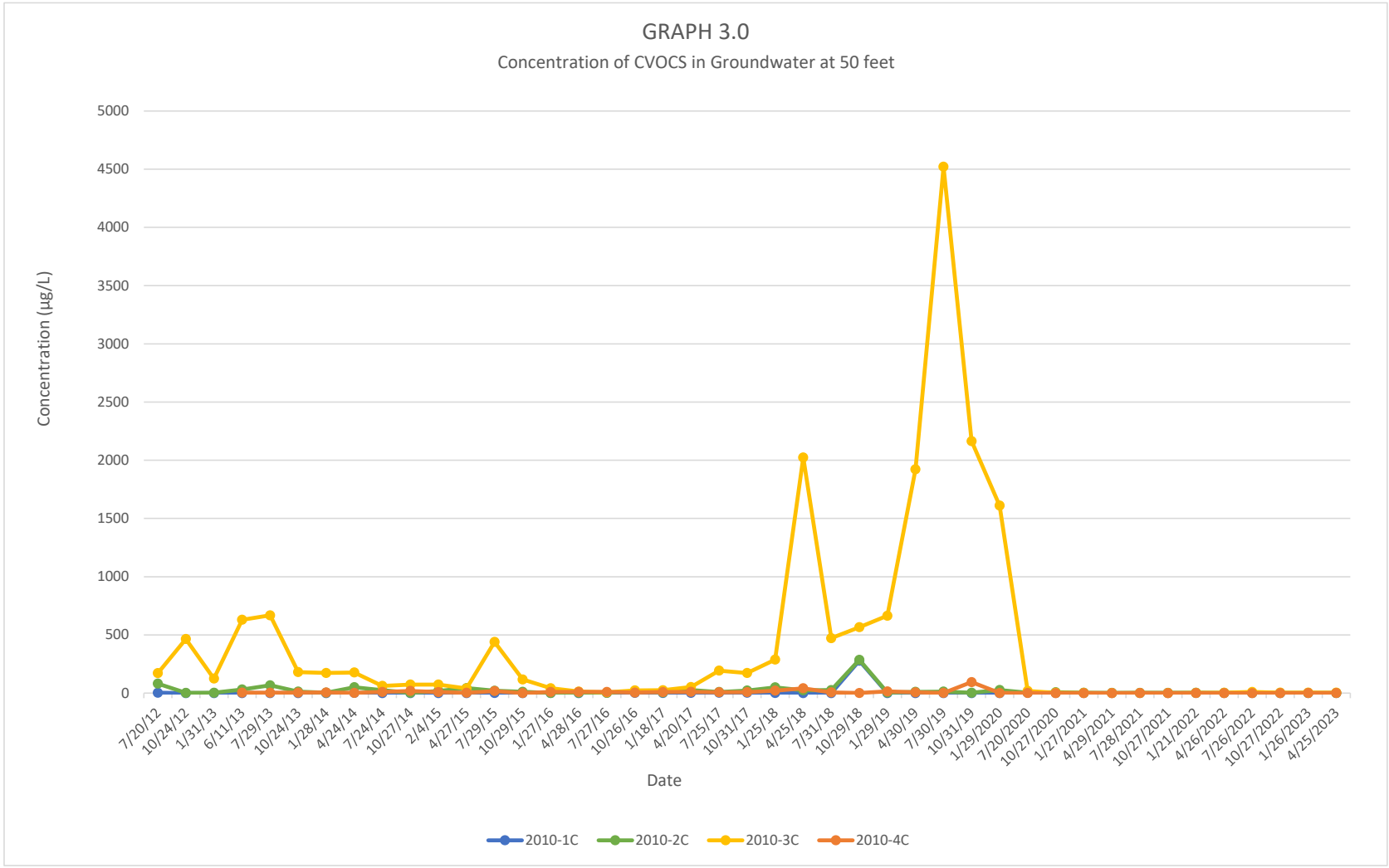
0 40' 80'
Scale: 1" = 40'

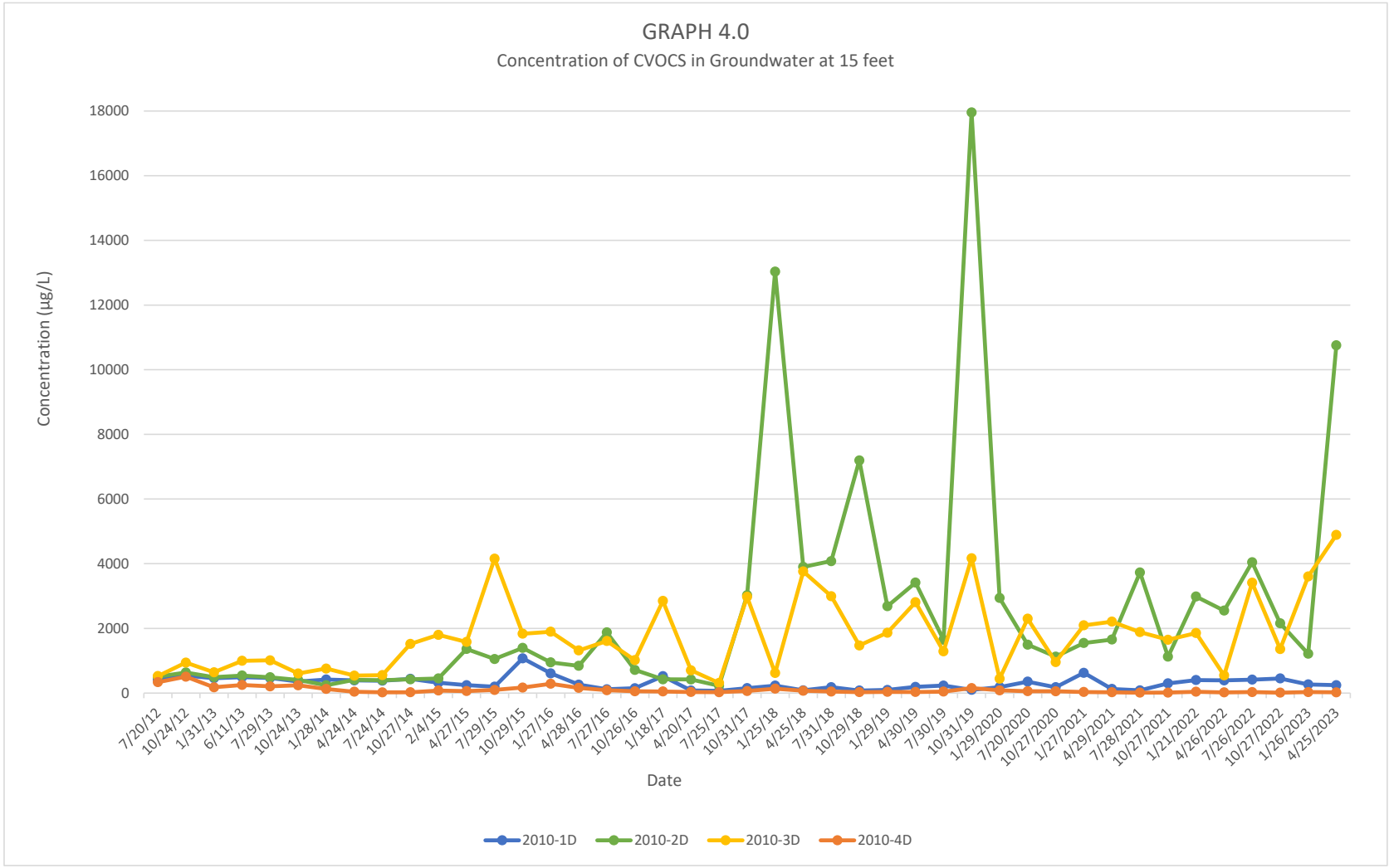
N W E S

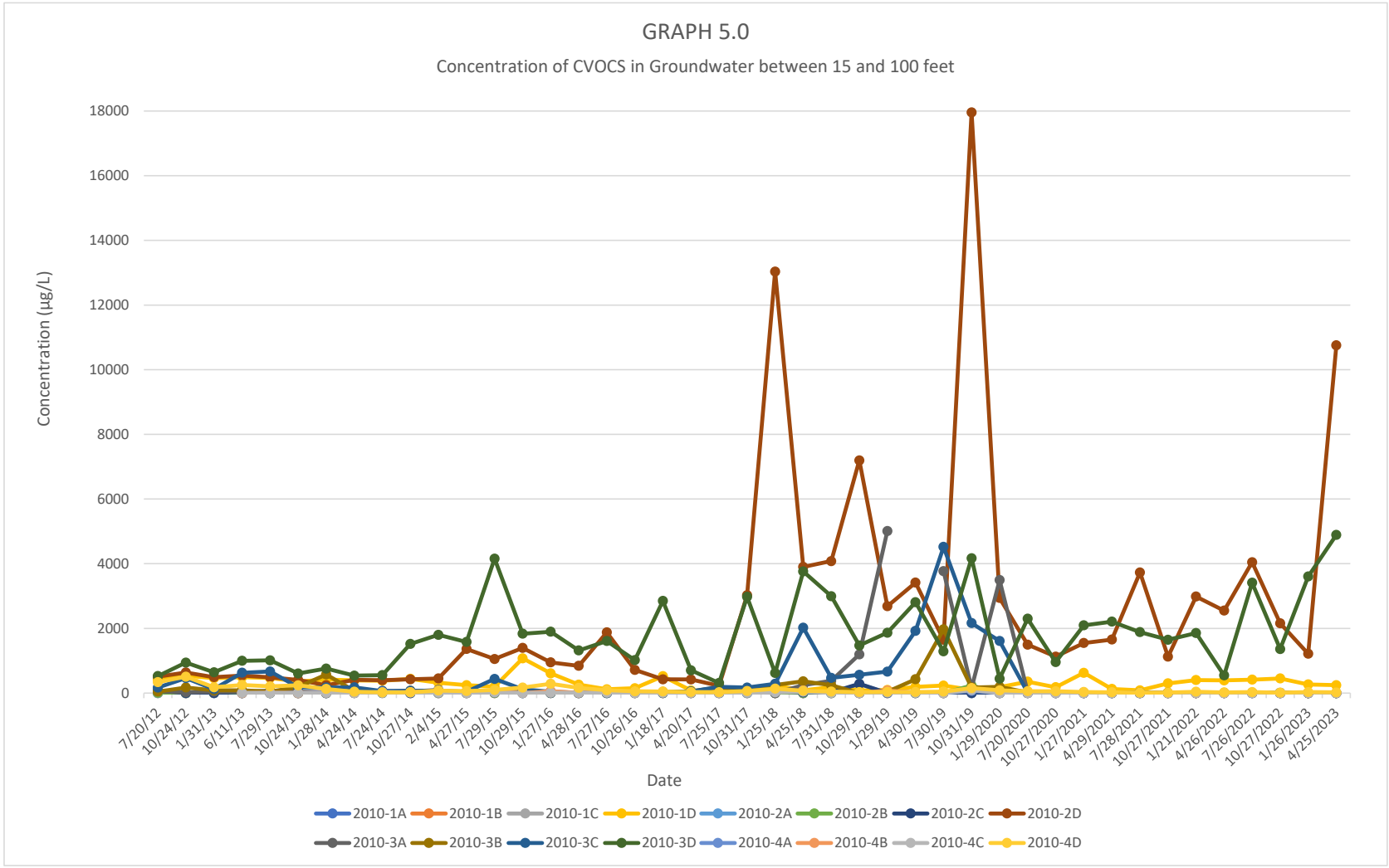
GRAPHS


GRAPH 1.0
Concentration of CVOCS in Groundwater at 100 feet
Concentration (µg/L)
6000
5000
4000
3000
2000
1000
0
7/20/12
10/24/12
1/31/13
6/11/13
7/29/13
10/24/13
1/28/14
4/24/14
7/24/14
10/27/14
2/4/15
4/27/15
7/29/15
10/29/15
1/27/16
4/28/16
7/27/16
10/26/16
1/18/17
4/20/17
7/25/17
10/31/17
1/25/18
4/25/18
7/31/18
10/29/18
1/29/19
4/30/19
7/30/19
10/31/19
1/29/2020
7/20/2020
10/27/2020
1/27/2021
4/29/2021
7/28/2021
10/27/2021
1/21/2022
4/26/2022
7/26/2022
10/27/2022
1/26/2023
4/25/2023
Date
2010-1A
2010-2A
2010-3A
2010-4A


GRAPH 2.0
Concentration of CVOCS in Groundwater at 70 feet
Concentration (µg/L)
2000
1800
1600
1400
1200
1000
800
600
400
200
0
7/20/12
10/24/12
1/31/13
6/11/13
7/29/13
10/24/13
1/28/14
4/24/14
7/24/14
10/27/14
2/4/15
4/27/15
7/29/15
10/29/15
1/27/16
4/28/16
7/27/16
10/26/16
1/18/17
4/20/17
7/25/17
10/31/17
1/25/18
4/25/18
7/31/18
10/29/18
1/29/19
4/30/19
7/30/19
10/31/19
1/29/2020
7/20/2020
10/27/2020
1/27/2021
4/29/2021
7/28/2021
10/27/2021
1/21/2022
4/26/2022
7/26/2022
10/27/2022
1/26/2023
4/25/2023
Date
2010-1B
2010-2B
2010-3B
2010-4B


GRAPH 3.0
Concentration of CVOCS in Groundwater at 50 feet
Concentration (µg/L)
5000
4500
4000
3500
3000
2500
2000
1500
1000
500
0
7/20/12
10/24/12
1/31/13
6/11/13
7/29/13
10/24/13
1/28/14
4/24/14
7/24/14
10/27/14
2/4/15
4/27/15
7/29/15
10/29/15
1/27/16
4/28/16
7/27/16
10/26/16
1/18/17
4/20/17
7/25/17
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1/29/19
4/30/19
7/30/19
10/31/19
1/29/2020
7/20/2020
10/27/2020
1/27/2021
4/29/2021
7/28/2021
10/27/2021
1/21/2022
4/26/2022
7/26/2022
10/27/2022
1/26/2023
4/25/2023
Date
2010-1C
2010-2C
2010-3C
2010-4C


GRAPH 4.0
Concentration of CVOCS in Groundwater at 15 feet
Concentration (µg/L)
18000
16000
14000
12000
10000
8000
6000
4000
2000
0
7/20/12
10/24/12
1/31/13
6/11/13
7/29/13
10/24/13
1/28/14
4/24/14
7/24/14
10/27/14
2/4/15
4/27/15
7/29/15
10/29/15
1/27/16
4/28/16
7/27/16
10/26/16
1/18/17
4/20/17
7/25/17
10/31/17
1/25/18
4/25/18
7/31/18
10/29/18
1/29/19
4/30/19
7/30/19
10/31/19
1/29/2020
7/20/2020
10/27/2020
1/27/2021
4/29/2021
7/28/2021
10/27/2021
1/21/2022
4/26/2022
7/26/2022
10/27/2022
1/26/2023
4/25/2023
Date
2010-1D
2010-2D
2010-3D
2010-4D


GRAPH 5.0
Concentration of CVOCS in Groundwater between 15 and 100 feet
Concentration (µg/L)
18000
16000
14000
12000
10000
8000
6000
4000
2000
0
7/20/12
10/24/12
1/31/13
6/11/13
7/29/13
10/24/13
1/28/14
4/24/14
7/24/14
10/27/14
2/4/15
4/27/15
7/29/15
10/29/15
1/27/16
4/28/16
7/27/16
10/26/16
1/18/17
4/20/17
7/25/17
10/31/17
1/25/18
4/25/18
7/31/18
10/29/18
1/29/19
4/30/19
7/30/19
10/31/19
1/29/2020
7/20/2020
10/27/2020
1/27/2021
4/29/2021
7/28/2021
10/27/2021
1/21/2022
4/26/2022
7/26/2022
10/27/2022
1/26/2023
4/25/2023
Date
2010-1A
2010-1B
2010-1C
2010-1D
2010-2A
2010-2B
2010-2C
2010-2D
2010-3A
2010-3B
2010-3C
2010-3D
2010-4A
2010-4B
2010-4C
2010-4D

APPENDIX A

Groundwater Quality Data

Groundwater Monitoring Well Depths and Chemistry

80 Banks Avenue, Rockville Center, New York

25-Apr-23

Monitoring Well #	***2010-01A***			***2010-01B***			***2010-01C***			***2010-01D***		
Test Number	1	2	3	1	2	3	1	2	3	1	2	3
Depth to Water (ft bgs)	7.57			7.80			7.84			7.10		
Depth to Bottom (ft bgs)	102.89			73.55			49.12			18.37		
Water Column Height (ft)	95.32			65.75			41.28			11.27		
Well elevation (ft)	13.12			13.13			13.105			13.395		
Water elevation (ft)	5.55			5.33			5.27			6.30		
Temperature (°C)	12.73	13.7	13.93	13.04	13.32	13.03	13.37	13.68	13.79	15.06	13.99	12.82
Conductivity (µS/cm)	0.088	0.082	0.081	0.091	0.096	0.097	0.328	0.338	0.339	0.222	0.227	0.229
Dissolved Oxygen (mg/L)	2.51	1.96	1.87	4.90	2.67	3.33	5.67	4.20	3.77	3.21	30.50	2.54
pH	7.69	7.32	7.24	6.44	6.90	6.85	7.56	6.22	6.19	9.38	10.39	10.17
Oxygen Reduction Potential	-60.2	-31.3	-20.4	4.00	10.40	14.40	56.70	109.70	129.70	-21.20	-39.10	-29.70
Turbidity	33.3	36.4	32.3	29.9	28.10	28.60	22.50	22.80	21.50	21.50	21.20	22.70

Monitoring Well #	***2010-02A***			***2010-02B***			***2010-02C***			***2010-02D***		
Test Number	1	2	3	1	2	3	1	2	3	1	2	3
Depth To Water	8.10			9.13			9.04			8.48		
Depth To Bottom	45.69			74.16			53.42			16.98		
Water Column Height (ft)	37.59			65.03			44.38			8.50		
Well elevation (ft)	14.075			14.06			13.88			13.965		
Water elevation (ft)	5.98			4.93			4.84			5.49		
Temperature (°C)	13.89	13.64	13.57	13.68	13.75	13.44	13.08	13.34	13.00	14.11	13.94	13.43
Conductivity (µS/cm)	0.172	0.162	0.162	0.205	0.285	0.205	0.281	0.286	0.285	0.358	0.374	0.376
Dissolved Oxygen (mg/L)	5.12	5.07	4.89	3.01	4.24	3.38	7.63	8.15	5.34	2.70	1.97	2.44
pH	9.06	8.60	8.51	7.76	7.52	7.54	6.78	6.25	6.12	9.44	10.36	10.47
Oxygen Reduction Potential	-1.6	31.9	33.5	-52.2	-33.1	-27.2	84.5	146.1	159.3	-148.6	-123.4	-99.4
Turbidity	34.9	33.8	34.3	29.7	28.3	27.6	22.7	23.1	22.7	39.6	42.9	49.7

Groundwater Monitoring Well Depths and Chemistry

80 Banks Avenue, Rockville Center, New York

25-Apr-23

Monitoring Well #	***2020-03A-R***			***2020-03B-R***			***2020-03C-R***			***2010-03D***		
Test Number	1	2	3	1	2	3	1	2	3	1	2	3
Depth to Water (ft bgs)	5.36			6.34			6.15			5.82		
Depth to Bottom (ft bgs)	100.83			63.70			49.61			13.58		
Water Column Height (ft)	95.47			57.36			43.46			7.76		
Well elevation (ft)	11.17			10.815			11.165			11.025		
Water elevation (ft)	5.81			4.48			5.02			5.21		
Temperature (°C)	19.02	16.57	16.29	16.74	15.58	15.23	17.23	15.76	15.04	17.08	15.04	14.84
Conductivity (µS/cm)	0.351	0.245	0.244	0.206	0.205	0.205	0.426	0.405	0.403	0.609	0.309	0.289
Dissolved Oxygen (mg/L)	5.69	4.36	2.39	2.14	2.41	1.62	7.04	6.46	7.01	1.50	1.60	1.40
pH	7.31	7.28	7.22	7.12	7.11	7.08	6.88	6.92	6.90	10.33	10.82	10.95
Oxygen Reduction Potential	51.7	74.1	86.5	-44.60	-42.90	-39.00	56.60	80.30	92.10	18.30	16.20	9.50
Turbidity	45.8	35.7	47.9	36.1	36.7	45.90	28.90	25.60	24.30	38.00	27.20	26.70

Monitoring Well #	***2013-04A***			***2013-04B***			***2013-04C***			***2010-04D***		
Test Number	1	2	3	1	2	3	1	2	3	1	2	3
Depth to Water (ft bgs)	4.57			5.34			5.44			8.29		
Depth to Bottom (ft bgs)	98.49			67.06			49.33			16.97		
Water Column Height (ft)	93.92			61.72			43.89			8.68		
Well elevation (ft)	10.575			10.595			10.625			13.220		
Water elevation (ft)	6.01			5.26			5.19			4.93		
Temperature (°C)	15.28	14.57	14.28	14.41	14.06	14.22	14.25	14.26	15.59	15.31	14.09	13.59
Conductivity (µS/cm)	0.138	0.085	0.084	0.114	0.113	0.114	0.410	0.437	0.512	1.613	1.617	1.618
Dissolved Oxygen (mg/L)	4.72	3.15	2.11	4.30	4.51	4.66	4.61	3.72	3.17	5.63	5.42	5.48
pH	9.64	8.65	8.09	7.22	7.05	6.80	6.49	6.66	6.44	12.12	12.18	12.22
Oxygen Reduction Potential	-1.3	-78.0	-51.0	-10.4	-9.2	-1.3	32.1	27.7	30.0	-26.8	-41.0	43.8
Turbidity	53.0	49.4	55.0	34	33	32.5	54.8	54.5	41.5	24.6	23.9	29.0

Groundwater Monitoring Well Depths and Chemistry

80 Banks Avenue, Rockville Center, New York

25-Apr-23

Piezometer Well ID#:	***PZ-1***	***PZ-2***	***PZ-3***	***PZ-4***	***PZ-5***
Depth to Water (ft bgs)	5.82	4.88	5.82	5.75	6.19
Depth to Bottom (ft bgs)	12.90	12.39	12.99	12.96	13.41
Water Column Height (ft)	7.08	7.51	7.17	7.21	7.22
Well elevation (ft)	10.54	10.01	11.055	11.555	12.07
Water elevation (ft)	4.72	5.13	5.24	5.81	5.88

Piezometer Well ID#:	***PZ-SUMP***	***PZ-SUMP-D***	***PZ-3D***	***PZ-4D***	***PZ-5D***	***PZ-6D***
Depth to Water (ft bgs)	NA	NA	6.77	5.70	5.99	5.78
Depth to Bottom (ft bgs)	NA	10.03	14.36	14.43	14.25	13.91
Water Column Height (ft)	NA	NA	7.59	8.73	8.26	8.13
Well elevation (ft)	5.81	5.66	10.9	11.49	11.6	10.99
Water elevation (ft)	NA	NA	4.13	5.79	5.61	5.21

*NA = Not Applicable

APPENDIX B

Groundwater and Air Analytical Results

Technical Report

prepared for:

Laurel Environmental Geosciences, D.P.C.
53 W Hills Road, Suite 1
Huntington Station NY, 11746
Attention: Scott Yanuck

Report Date: 05/04/2023
Client Project ID: 80 Banks Avenue Rockville Centre 12-190
York Project (SDG) No.: 23D1512

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: 05/04/2023
Client Project ID: 80 Banks Avenue Rockville Centre 12-190
York Project (SDG) No.: 23D1512

Laurel Environmental Geosciences, D.P.C.
53 W Hills Road, Suite 1
Huntington Station NY, 11746
Attention: Scott Yanuck

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 April 26, 2023 and listed below. The project was identified as your project: **80 Banks Avenue Rockville Centre 12-190**.

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
23D1512-01	2010-1A	Ground Water	04/25/2023	04/26/2023
23D1512-02	2010-1B	Ground Water	04/25/2023	04/26/2023
23D1512-03	2010-1C	Ground Water	04/25/2023	04/26/2023
23D1512-04	2010-1D	Ground Water	04/25/2023	04/26/2023
23D1512-05	2010-2A	Ground Water	04/25/2023	04/26/2023
23D1512-06	2010-2B	Ground Water	04/25/2023	04/26/2023
23D1512-07	2010-2C	Ground Water	04/25/2023	04/26/2023
23D1512-08	2010-2D	Ground Water	04/25/2023	04/26/2023
23D1512-09	2020-3A-R	Ground Water	04/25/2023	04/26/2023
23D1512-10	2020-3BR	Ground Water	04/25/2023	04/26/2023
23D1512-11	2020-3CR	Ground Water	04/25/2023	04/26/2023
23D1512-12	2010-3D	Ground Water	04/25/2023	04/26/2023
23D1512-13	2013-4A	Ground Water	04/25/2023	04/26/2023
23D1512-14	2013-4B	Ground Water	04/25/2023	04/26/2023
23D1512-15	2013-4C	Ground Water	04/25/2023	04/26/2023
23D1512-16	2013-4D	Ground Water	04/25/2023	04/26/2023
23D1512-17	DUP	Ground Water	04/25/2023	04/26/2023
23D1512-18	System Influent	Ground Water	04/25/2023	04/26/2023
23D1512-19	Trip Blank	Water	04/25/2023	04/26/2023

General Notes for York Project (SDG) No.: 23D1512

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:** 05/04/2023

Cassie L. Mosher
Laboratory Manager

Sample Information

Client Sample ID: 2010-1A

York Sample ID: 23D1512-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23D1512	80 Banks Avenue Rockville Centre 12-190	Ground Water	April 25, 2023 2:46 pm	04/26/2023

VOA, 8260 LOW MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/L	0.216	0.500	1	EPA 8260C Certifications:	04/27/2023 09:00	04/27/2023 14:57	SMA CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
71-55-6	1,1,1-Trichloroethane	ND		ug/L	0.266	0.500	1	EPA 8260C Certifications:	04/27/2023 09:00	04/27/2023 14:57	SMA CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.256	0.500	1	EPA 8260C Certifications:	04/27/2023 09:00	04/27/2023 14:57	SMA CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/L	0.286	0.500	1	EPA 8260C Certifications:	04/27/2023 09:00	04/27/2023 14:57	SMA CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.249	0.500	1	EPA 8260C Certifications:	04/27/2023 09:00	04/27/2023 14:57	SMA CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
75-34-3	1,1-Dichloroethane	ND		ug/L	0.272	0.500	1	EPA 8260C Certifications:	04/27/2023 09:00	04/27/2023 14:57	SMA CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.327	0.500	1	EPA 8260C Certifications:	04/27/2023 09:00	04/27/2023 14:57	SMA CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
563-58-6	1,1-Dichloropropylene	ND		ug/L	0.314	0.500	1	EPA 8260C Certifications:	04/27/2023 09:00	04/27/2023 14:57	SMA NELAC-NY10854,NELAC-NY12058,NJDEP
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	0.222	0.500	1	EPA 8260C Certifications:	04/27/2023 09:00	04/27/2023 14:57	SMA NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
96-18-4	1,2,3-Trichloropropane	ND		ug/L	0.273	0.500	1	EPA 8260C Certifications:	04/27/2023 09:00	04/27/2023 14:57	SMA NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
95-93-2	* 1,2,4,5-Tetramethylbenzene	ND		ug/L	0.255	0.500	1	EPA 8260C Certifications:	04/27/2023 09:00	04/27/2023 14:57	SMA
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.138	0.500	1	EPA 8260C Certifications:	04/27/2023 09:00	04/27/2023 14:57	SMA NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	0.310	0.500	1	EPA 8260C Certifications:	04/27/2023 09:00	04/27/2023 14:57	SMA CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.432	0.500	1	EPA 8260C Certifications:	04/27/2023 09:00	04/27/2023 14:57	SMA CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
106-93-4	1,2-Dibromoethane	ND		ug/L	0.215	0.500	1	EPA 8260C Certifications:	04/27/2023 09:00	04/27/2023 14:57	SMA CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.270	0.500	1	EPA 8260C Certifications:	04/27/2023 09:00	04/27/2023 14:57	SMA CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
107-06-2	1,2-Dichloroethane	ND		ug/L	0.377	0.500	1	EPA 8260C Certifications:	04/27/2023 09:00	04/27/2023 14:57	SMA CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
78-87-5	1,2-Dichloropropane	ND		ug/L	0.327	0.500	1	EPA 8260C Certifications:	04/27/2023 09:00	04/27/2023 14:57	SMA CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	0.347	0.500	1	EPA 8260C Certifications:	04/27/2023 09:00	04/27/2023 14:57	SMA CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.283	0.500	1	EPA 8260C Certifications:	04/27/2023 09:00	04/27/2023 14:57	SMA CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
142-28-9	1,3-Dichloropropane	ND		ug/L	0.260	0.500	1	EPA 8260C Certifications:	04/27/2023 09:00	04/27/2023 14:57	SMA NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.311	0.500	1	EPA 8260C Certifications:	04/27/2023 09:00	04/27/2023 14:57	SMA CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI

Sample Information

Client Sample ID: 2010-1A

York Sample ID: 23D1512-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23D1512	80 Banks Avenue Rockville Centre 12-190	Ground Water	April 25, 2023 2:46 pm	04/26/2023

VOA, 8260 LOW MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
594-20-7	2,2-Dichloropropane	ND		ug/L	0.466	0.500	1	EPA 8260C Certifications:	04/27/2023 09:00 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/27/2023 14:57	SMA
78-93-3	2-Butanone	ND		ug/L	0.421	0.500	1	EPA 8260C Certifications:	04/27/2023 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	04/27/2023 14:57	SMA
95-49-8	2-Chlorotoluene	ND		ug/L	0.376	0.500	1	EPA 8260C Certifications:	04/27/2023 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	04/27/2023 14:57	SMA
591-78-6	2-Hexanone	ND		ug/L	0.320	0.500	1	EPA 8260C Certifications:	04/27/2023 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	04/27/2023 14:57	SMA
106-43-4	4-Chlorotoluene	ND		ug/L	0.311	0.500	1	EPA 8260C Certifications:	04/27/2023 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	04/27/2023 14:57	SMA
108-10-1	4-Methyl-2-pentanone	ND		ug/L	0.365	0.500	1	EPA 8260C Certifications:	04/27/2023 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	04/27/2023 14:57	SMA
67-64-1	Acetone	ND		ug/L	1.34	2.00	1	EPA 8260C Certifications:	04/27/2023 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	04/27/2023 14:57	SMA
71-43-2	Benzene	ND		ug/L	0.279	0.500	1	EPA 8260C Certifications:	04/27/2023 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	04/27/2023 14:57	SMA
108-86-1	Bromobenzene	ND		ug/L	0.367	0.500	1	EPA 8260C Certifications:	04/27/2023 09:00 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/27/2023 14:57	SMA
74-97-5	Bromochloromethane	ND		ug/L	0.354	0.500	1	EPA 8260C Certifications:	04/27/2023 09:00 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/27/2023 14:57	SMA
75-27-4	Bromodichloromethane	ND		ug/L	0.245	0.500	1	EPA 8260C Certifications:	04/27/2023 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	04/27/2023 14:57	SMA
75-25-2	Bromoform	ND		ug/L	0.163	0.500	1	EPA 8260C Certifications:	04/27/2023 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	04/27/2023 14:57	SMA
74-83-9	Bromomethane	ND		ug/L	0.119	0.500	1	EPA 8260C Certifications:	04/27/2023 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	04/27/2023 14:57	SMA
75-15-0	Carbon disulfide	ND		ug/L	0.362	0.500	1	EPA 8260C Certifications:	04/27/2023 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	04/27/2023 14:57	SMA
56-23-5	Carbon tetrachloride	ND		ug/L	0.204	0.500	1	EPA 8260C Certifications:	04/27/2023 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	04/27/2023 14:57	SMA
108-90-7	Chlorobenzene	ND		ug/L	0.284	0.500	1	EPA 8260C Certifications:	04/27/2023 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	04/27/2023 14:57	SMA
75-00-3	Chloroethane	ND		ug/L	0.448	0.500	1	EPA 8260C Certifications:	04/27/2023 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	04/27/2023 14:57	SMA
67-66-3	Chloroform	ND		ug/L	0.243	0.500	1	EPA 8260C Certifications:	04/27/2023 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	04/27/2023 14:57	SMA
74-87-3	Chloromethane	ND		ug/L	0.372	0.500	1	EPA 8260C Certifications:	04/27/2023 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	04/27/2023 14:57	SMA
156-59-2	cis-1,2-Dichloroethylene	ND		ug/L	0.294	0.500	1	EPA 8260C Certifications:	04/27/2023 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	04/27/2023 14:57	SMA
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.262	0.500	1	EPA 8260C Certifications:	04/27/2023 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	04/27/2023 14:57	SMA
124-48-1	Dibromochloromethane	ND		ug/L	0.146	0.500	1	EPA 8260C Certifications:	04/27/2023 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	04/27/2023 14:57	SMA
74-95-3	Dibromomethane	ND		ug/L	0.203	0.500	1	EPA 8260C Certifications:	04/27/2023 09:00 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/27/2023 14:57	SMA

Sample Information

Client Sample ID: 2010-1A

York Sample ID: 23D1512-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23D1512	80 Banks Avenue Rockville Centre 12-190	Ground Water	April 25, 2023 2:46 pm	04/26/2023

VOA, 8260 LOW MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.451	0.500	1	EPA 8260C Certifications:	04/27/2023 09:00 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/27/2023 14:57	SMA
100-41-4	Ethyl Benzene	ND		ug/L	0.290	0.500	1	EPA 8260C Certifications:	04/27/2023 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	04/27/2023 14:57	SMA
87-68-3	Hexachlorobutadiene	ND		ug/L	0.241	0.500	1	EPA 8260C Certifications:	04/27/2023 09:00 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/27/2023 14:57	SMA
98-82-8	Isopropylbenzene	ND		ug/L	0.405	0.500	1	EPA 8260C Certifications:	04/27/2023 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	04/27/2023 14:57	SMA
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.244	0.500	1	EPA 8260C Certifications:	04/27/2023 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	04/27/2023 14:57	SMA
75-09-2	Methylene chloride	ND		ug/L	0.397	2.00	1	EPA 8260C Certifications:	04/27/2023 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	04/27/2023 14:57	SMA
91-20-3	Naphthalene	ND		ug/L	0.212	2.00	1	EPA 8260C Certifications:	04/27/2023 09:00 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/27/2023 14:57	SMA
104-51-8	n-Butylbenzene	ND		ug/L	0.399	0.500	1	EPA 8260C Certifications:	04/27/2023 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	04/27/2023 14:57	SMA
103-65-1	n-Propylbenzene	ND		ug/L	0.384	0.500	1	EPA 8260C Certifications:	04/27/2023 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	04/27/2023 14:57	SMA
95-47-6	o-Xylene	ND		ug/L	0.261	0.500	1	EPA 8260C Certifications:	04/27/2023 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP	04/27/2023 14:57	SMA
179601-23-1	p- & m- Xylenes	ND		ug/L	0.578	1.00	1	EPA 8260C Certifications:	04/27/2023 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP	04/27/2023 14:57	SMA
105-05-5	* p-Diethylbenzene	ND		ug/L	0.341	0.500	1	EPA 8260C Certifications:	04/27/2023 09:00	04/27/2023 14:57	SMA
622-96-8	* p-Ethyltoluene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	04/27/2023 09:00	04/27/2023 14:57	SMA
99-87-6	p-Isopropyltoluene	ND		ug/L	0.377	0.500	1	EPA 8260C Certifications:	04/27/2023 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	04/27/2023 14:57	SMA
135-98-8	sec-Butylbenzene	ND		ug/L	0.444	0.500	1	EPA 8260C Certifications:	04/27/2023 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	04/27/2023 14:57	SMA
100-42-5	Styrene	ND		ug/L	0.255	0.500	1	EPA 8260C Certifications:	04/27/2023 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	04/27/2023 14:57	SMA
98-06-6	tert-Butylbenzene	ND		ug/L	0.367	0.500	1	EPA 8260C Certifications:	04/27/2023 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	04/27/2023 14:57	SMA
127-18-4	Tetrachloroethylene	ND		ug/L	0.239	0.500	1	EPA 8260C Certifications:	04/27/2023 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	04/27/2023 14:57	SMA
108-88-3	Toluene	ND		ug/L	0.346	0.500	1	EPA 8260C Certifications:	04/27/2023 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	04/27/2023 14:57	SMA
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.279	0.500	1	EPA 8260C Certifications:	04/27/2023 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	04/27/2023 14:57	SMA
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.229	0.500	1	EPA 8260C Certifications:	04/27/2023 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	04/27/2023 14:57	SMA
79-01-6	Trichloroethylene	ND		ug/L	0.249	0.500	1	EPA 8260C Certifications:	04/27/2023 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	04/27/2023 14:57	SMA
75-69-4	Trichlorofluoromethane	ND		ug/L	0.337	0.500	1	EPA 8260C Certifications:	04/27/2023 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	04/27/2023 14:57	SMA

Sample Information

Client Sample ID: 2010-1A **York Sample ID:** 23D1512-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23D1512	80 Banks Avenue Rockville Centre 12-190	Ground Water	April 25, 2023 2:46 pm	04/26/2023

VOA, 8260 LOW MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
75-01-4	Vinyl Chloride	ND		ug/L	0.469	0.500	1	EPA 8260C Certifications:	04/27/2023 09:00	04/27/2023 14:57 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	SMA
1330-20-7	Xylenes, Total	ND		ug/L	0.836	1.50	1	EPA 8260C Certifications:	04/27/2023 09:00	04/27/2023 14:57 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP	SMA

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: SURR: 1,2-Dichloroethane-d4*	*94.3 %*	*69-130*
2037-26-5	*Surrogate: SURR: Toluene-d8*	*85.1 %*	*81-117*
460-00-4	*Surrogate: SURR: p-Bromofluorobenzene*	*89.7 %*	*79-122*

Sample Information

Client Sample ID: 2010-1B **York Sample ID:** 23D1512-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23D1512	80 Banks Avenue Rockville Centre 12-190	Ground Water	April 25, 2023 2:57 pm	04/26/2023

VOA, 8260 LOW MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/L	0.216	0.500	1	EPA 8260C Certifications:	04/27/2023 09:00	04/27/2023 15:24 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	SMA
71-55-6	1,1,1-Trichloroethane	ND		ug/L	0.266	0.500	1	EPA 8260C Certifications:	04/27/2023 09:00	04/27/2023 15:24 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	SMA
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.256	0.500	1	EPA 8260C Certifications:	04/27/2023 09:00	04/27/2023 15:24 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	SMA
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/L	0.286	0.500	1	EPA 8260C Certifications:	04/27/2023 09:00	04/27/2023 15:24 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	SMA
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.249	0.500	1	EPA 8260C Certifications:	04/27/2023 09:00	04/27/2023 15:24 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	SMA
75-34-3	1,1-Dichloroethane	ND		ug/L	0.272	0.500	1	EPA 8260C Certifications:	04/27/2023 09:00	04/27/2023 15:24 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	SMA
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.327	0.500	1	EPA 8260C Certifications:	04/27/2023 09:00	04/27/2023 15:24 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	SMA
563-58-6	1,1-Dichloropropylene	ND		ug/L	0.314	0.500	1	EPA 8260C Certifications:	04/27/2023 09:00	04/27/2023 15:24 NELAC-NY10854,NELAC-NY12058,NJDEP	SMA
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	0.222	0.500	1	EPA 8260C Certifications:	04/27/2023 09:00	04/27/2023 15:24 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	SMA
96-18-4	1,2,3-Trichloropropane	ND		ug/L	0.273	0.500	1	EPA 8260C Certifications:	04/27/2023 09:00	04/27/2023 15:24 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	SMA
95-93-2	* 1,2,4,5-Tetramethylbenzene	ND		ug/L	0.255	0.500	1	EPA 8260C Certifications:	04/27/2023 09:00	04/27/2023 15:24	SMA

Sample Information

Client Sample ID: 2010-1B

York Sample ID: 23D1512-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23D1512	80 Banks Avenue Rockville Centre 12-190	Ground Water	April 25, 2023 2:57 pm	04/26/2023

VOA, 8260 LOW MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.138	0.500	1	EPA 8260C Certifications:	04/27/2023 09:00 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/27/2023 15:24	SMA
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	0.310	0.500	1	EPA 8260C Certifications:	04/27/2023 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	04/27/2023 15:24	SMA
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.432	0.500	1	EPA 8260C Certifications:	04/27/2023 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	04/27/2023 15:24	SMA
106-93-4	1,2-Dibromoethane	ND		ug/L	0.215	0.500	1	EPA 8260C Certifications:	04/27/2023 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	04/27/2023 15:24	SMA
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.270	0.500	1	EPA 8260C Certifications:	04/27/2023 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	04/27/2023 15:24	SMA
107-06-2	1,2-Dichloroethane	ND		ug/L	0.377	0.500	1	EPA 8260C Certifications:	04/27/2023 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	04/27/2023 15:24	SMA
78-87-5	1,2-Dichloropropane	ND		ug/L	0.327	0.500	1	EPA 8260C Certifications:	04/27/2023 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	04/27/2023 15:24	SMA
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	0.347	0.500	1	EPA 8260C Certifications:	04/27/2023 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	04/27/2023 15:24	SMA
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.283	0.500	1	EPA 8260C Certifications:	04/27/2023 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	04/27/2023 15:24	SMA
142-28-9	1,3-Dichloropropane	ND		ug/L	0.260	0.500	1	EPA 8260C Certifications:	04/27/2023 09:00 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/27/2023 15:24	SMA
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.311	0.500	1	EPA 8260C Certifications:	04/27/2023 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	04/27/2023 15:24	SMA
594-20-7	2,2-Dichloropropane	ND		ug/L	0.466	0.500	1	EPA 8260C Certifications:	04/27/2023 09:00 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/27/2023 15:24	SMA
78-93-3	2-Butanone	ND		ug/L	0.421	0.500	1	EPA 8260C Certifications:	04/27/2023 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	04/27/2023 15:24	SMA
95-49-8	2-Chlorotoluene	ND		ug/L	0.376	0.500	1	EPA 8260C Certifications:	04/27/2023 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	04/27/2023 15:24	SMA
591-78-6	2-Hexanone	ND		ug/L	0.320	0.500	1	EPA 8260C Certifications:	04/27/2023 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	04/27/2023 15:24	SMA
106-43-4	4-Chlorotoluene	ND		ug/L	0.311	0.500	1	EPA 8260C Certifications:	04/27/2023 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	04/27/2023 15:24	SMA
108-10-1	4-Methyl-2-pentanone	ND		ug/L	0.365	0.500	1	EPA 8260C Certifications:	04/27/2023 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	04/27/2023 15:24	SMA
67-64-1	Acetone	ND		ug/L	1.34	2.00	1	EPA 8260C Certifications:	04/27/2023 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	04/27/2023 15:24	SMA
71-43-2	Benzene	ND		ug/L	0.279	0.500	1	EPA 8260C Certifications:	04/27/2023 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	04/27/2023 15:24	SMA
108-86-1	Bromobenzene	ND		ug/L	0.367	0.500	1	EPA 8260C Certifications:	04/27/2023 09:00 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/27/2023 15:24	SMA
74-97-5	Bromochloromethane	ND		ug/L	0.354	0.500	1	EPA 8260C Certifications:	04/27/2023 09:00 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/27/2023 15:24	SMA
75-27-4	Bromodichloromethane	ND		ug/L	0.245	0.500	1	EPA 8260C Certifications:	04/27/2023 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	04/27/2023 15:24	SMA
75-25-2	Bromoform	ND		ug/L	0.163	0.500	1	EPA 8260C Certifications:	04/27/2023 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	04/27/2023 15:24	SMA

Sample Information

Client Sample ID: 2010-1B

York Sample ID: 23D1512-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23D1512	80 Banks Avenue Rockville Centre 12-190	Ground Water	April 25, 2023 2:57 pm	04/26/2023

VOA, 8260 LOW MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
74-83-9	Bromomethane	ND		ug/L	0.119	0.500	1	EPA 8260C Certifications:	04/27/2023 09:00	04/27/2023 15:24	SMA CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
75-15-0	Carbon disulfide	ND		ug/L	0.362	0.500	1	EPA 8260C Certifications:	04/27/2023 09:00	04/27/2023 15:24	SMA CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
56-23-5	Carbon tetrachloride	ND		ug/L	0.204	0.500	1	EPA 8260C Certifications:	04/27/2023 09:00	04/27/2023 15:24	SMA CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
108-90-7	Chlorobenzene	ND		ug/L	0.284	0.500	1	EPA 8260C Certifications:	04/27/2023 09:00	04/27/2023 15:24	SMA CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
75-00-3	Chloroethane	ND		ug/L	0.448	0.500	1	EPA 8260C Certifications:	04/27/2023 09:00	04/27/2023 15:24	SMA CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
67-66-3	Chloroform	ND		ug/L	0.243	0.500	1	EPA 8260C Certifications:	04/27/2023 09:00	04/27/2023 15:24	SMA CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
74-87-3	Chloromethane	ND		ug/L	0.372	0.500	1	EPA 8260C Certifications:	04/27/2023 09:00	04/27/2023 15:24	SMA CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
156-59-2	cis-1,2-Dichloroethylene	ND		ug/L	0.294	0.500	1	EPA 8260C Certifications:	04/27/2023 09:00	04/27/2023 15:24	SMA CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.262	0.500	1	EPA 8260C Certifications:	04/27/2023 09:00	04/27/2023 15:24	SMA CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
124-48-1	Dibromochloromethane	ND		ug/L	0.146	0.500	1	EPA 8260C Certifications:	04/27/2023 09:00	04/27/2023 15:24	SMA CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
74-95-3	Dibromomethane	ND		ug/L	0.203	0.500	1	EPA 8260C Certifications:	04/27/2023 09:00	04/27/2023 15:24	SMA NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.451	0.500	1	EPA 8260C Certifications:	04/27/2023 09:00	04/27/2023 15:24	SMA NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
100-41-4	Ethyl Benzene	ND		ug/L	0.290	0.500	1	EPA 8260C Certifications:	04/27/2023 09:00	04/27/2023 15:24	SMA CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
87-68-3	Hexachlorobutadiene	ND		ug/L	0.241	0.500	1	EPA 8260C Certifications:	04/27/2023 09:00	04/27/2023 15:24	SMA NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
98-82-8	Isopropylbenzene	ND		ug/L	0.405	0.500	1	EPA 8260C Certifications:	04/27/2023 09:00	04/27/2023 15:24	SMA CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.244	0.500	1	EPA 8260C Certifications:	04/27/2023 09:00	04/27/2023 15:24	SMA CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
75-09-2	Methylene chloride	ND		ug/L	0.397	2.00	1	EPA 8260C Certifications:	04/27/2023 09:00	04/27/2023 15:24	SMA CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
91-20-3	Naphthalene	ND		ug/L	0.212	2.00	1	EPA 8260C Certifications:	04/27/2023 09:00	04/27/2023 15:24	SMA NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
104-51-8	n-Butylbenzene	ND		ug/L	0.399	0.500	1	EPA 8260C Certifications:	04/27/2023 09:00	04/27/2023 15:24	SMA CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
103-65-1	n-Propylbenzene	ND		ug/L	0.384	0.500	1	EPA 8260C Certifications:	04/27/2023 09:00	04/27/2023 15:24	SMA CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
95-47-6	o-Xylene	ND		ug/L	0.261	0.500	1	EPA 8260C Certifications:	04/27/2023 09:00	04/27/2023 15:24	SMA CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP
179601-23-1	p- & m- Xylenes	ND		ug/L	0.578	1.00	1	EPA 8260C Certifications:	04/27/2023 09:00	04/27/2023 15:24	SMA CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP
105-05-5	* p-Diethylbenzene	ND		ug/L	0.341	0.500	1	EPA 8260C Certifications:	04/27/2023 09:00	04/27/2023 15:24	SMA

Sample Information

Client Sample ID: 2010-1B **York Sample ID:** 23D1512-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23D1512	80 Banks Avenue Rockville Centre 12-190	Ground Water	April 25, 2023 2:57 pm	04/26/2023

VOA, 8260 LOW MASTER **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
622-96-8	* p-Ethyltoluene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	04/27/2023 09:00	04/27/2023 15:24	SMA
99-87-6	p-Isopropyltoluene	ND		ug/L	0.377	0.500	1	EPA 8260C Certifications:	04/27/2023 09:00	04/27/2023 15:24 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	SMA
135-98-8	sec-Butylbenzene	ND		ug/L	0.444	0.500	1	EPA 8260C Certifications:	04/27/2023 09:00	04/27/2023 15:24 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	SMA
100-42-5	Styrene	ND		ug/L	0.255	0.500	1	EPA 8260C Certifications:	04/27/2023 09:00	04/27/2023 15:24 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	SMA
98-06-6	tert-Butylbenzene	ND		ug/L	0.367	0.500	1	EPA 8260C Certifications:	04/27/2023 09:00	04/27/2023 15:24 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	SMA
127-18-4	Tetrachloroethylene	ND		ug/L	0.239	0.500	1	EPA 8260C Certifications:	04/27/2023 09:00	04/27/2023 15:24 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	SMA
108-88-3	Toluene	ND		ug/L	0.346	0.500	1	EPA 8260C Certifications:	04/27/2023 09:00	04/27/2023 15:24 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	SMA
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.279	0.500	1	EPA 8260C Certifications:	04/27/2023 09:00	04/27/2023 15:24 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	SMA
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.229	0.500	1	EPA 8260C Certifications:	04/27/2023 09:00	04/27/2023 15:24 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	SMA
79-01-6	Trichloroethylene	ND		ug/L	0.249	0.500	1	EPA 8260C Certifications:	04/27/2023 09:00	04/27/2023 15:24 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	SMA
75-69-4	Trichlorofluoromethane	ND		ug/L	0.337	0.500	1	EPA 8260C Certifications:	04/27/2023 09:00	04/27/2023 15:24 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	SMA
75-01-4	Vinyl Chloride	ND		ug/L	0.469	0.500	1	EPA 8260C Certifications:	04/27/2023 09:00	04/27/2023 15:24 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	SMA
1330-20-7	Xylenes, Total	ND		ug/L	0.836	1.50	1	EPA 8260C Certifications:	04/27/2023 09:00	04/27/2023 15:24 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP	SMA

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: SURR: 1,2-Dichloroethane-d4*	*94.4 %*	*69-130*
2037-26-5	*Surrogate: SURR: Toluene-d8*	*84.9 %*	*81-117*
460-00-4	*Surrogate: SURR: p-Bromofluorobenzene*	*89.7 %*	*79-122*

Sample Information

Client Sample ID: 2010-1C **York Sample ID:** 23D1512-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23D1512	80 Banks Avenue Rockville Centre 12-190	Ground Water	April 25, 2023 3:05 pm	04/26/2023

VOA, 8260 LOW MASTER **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 5030B

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

Sample Information

Client Sample ID: 2010-1C

York Sample ID: 23D1512-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23D1512	80 Banks Avenue Rockville Centre 12-190	Ground Water	April 25, 2023 3:05 pm	04/26/2023

VOA, 8260 LOW MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/L	0.216	0.500	1	EPA 8260C Certifications:	04/27/2023 09:00	04/27/2023 15:52	SMA CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
71-55-6	1,1,1-Trichloroethane	ND		ug/L	0.266	0.500	1	EPA 8260C Certifications:	04/27/2023 09:00	04/27/2023 15:52	SMA CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.256	0.500	1	EPA 8260C Certifications:	04/27/2023 09:00	04/27/2023 15:52	SMA CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/L	0.286	0.500	1	EPA 8260C Certifications:	04/27/2023 09:00	04/27/2023 15:52	SMA CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.249	0.500	1	EPA 8260C Certifications:	04/27/2023 09:00	04/27/2023 15:52	SMA CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
75-34-3	1,1-Dichloroethane	ND		ug/L	0.272	0.500	1	EPA 8260C Certifications:	04/27/2023 09:00	04/27/2023 15:52	SMA CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.327	0.500	1	EPA 8260C Certifications:	04/27/2023 09:00	04/27/2023 15:52	SMA CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
563-58-6	1,1-Dichloropropylene	ND		ug/L	0.314	0.500	1	EPA 8260C Certifications:	04/27/2023 09:00	04/27/2023 15:52	SMA NELAC-NY10854,NELAC-NY12058,NJDEP
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	0.222	0.500	1	EPA 8260C Certifications:	04/27/2023 09:00	04/27/2023 15:52	SMA NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
96-18-4	1,2,3-Trichloropropane	ND		ug/L	0.273	0.500	1	EPA 8260C Certifications:	04/27/2023 09:00	04/27/2023 15:52	SMA NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
95-93-2	* 1,2,4,5-Tetramethylbenzene	ND		ug/L	0.255	0.500	1	EPA 8260C Certifications:	04/27/2023 09:00	04/27/2023 15:52	SMA
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.138	0.500	1	EPA 8260C Certifications:	04/27/2023 09:00	04/27/2023 15:52	SMA NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	0.310	0.500	1	EPA 8260C Certifications:	04/27/2023 09:00	04/27/2023 15:52	SMA CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.432	0.500	1	EPA 8260C Certifications:	04/27/2023 09:00	04/27/2023 15:52	SMA CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
106-93-4	1,2-Dibromoethane	ND		ug/L	0.215	0.500	1	EPA 8260C Certifications:	04/27/2023 09:00	04/27/2023 15:52	SMA CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.270	0.500	1	EPA 8260C Certifications:	04/27/2023 09:00	04/27/2023 15:52	SMA CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
107-06-2	1,2-Dichloroethane	ND		ug/L	0.377	0.500	1	EPA 8260C Certifications:	04/27/2023 09:00	04/27/2023 15:52	SMA CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
78-87-5	1,2-Dichloropropane	ND		ug/L	0.327	0.500	1	EPA 8260C Certifications:	04/27/2023 09:00	04/27/2023 15:52	SMA CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	0.347	0.500	1	EPA 8260C Certifications:	04/27/2023 09:00	04/27/2023 15:52	SMA CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.283	0.500	1	EPA 8260C Certifications:	04/27/2023 09:00	04/27/2023 15:52	SMA CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
142-28-9	1,3-Dichloropropane	ND		ug/L	0.260	0.500	1	EPA 8260C Certifications:	04/27/2023 09:00	04/27/2023 15:52	SMA NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.311	0.500	1	EPA 8260C Certifications:	04/27/2023 09:00	04/27/2023 15:52	SMA CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
594-20-7	2,2-Dichloropropane	ND		ug/L	0.466	0.500	1	EPA 8260C Certifications:	04/27/2023 09:00	04/27/2023 15:52	SMA NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP

Sample Information

Client Sample ID: 2010-1C

York Sample ID: 23D1512-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23D1512	80 Banks Avenue Rockville Centre 12-190	Ground Water	April 25, 2023 3:05 pm	04/26/2023

VOA, 8260 LOW MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
78-93-3	2-Butanone	ND		ug/L	0.421	0.500	1	EPA 8260C Certifications:	04/27/2023 09:00	04/27/2023 15:52 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	SMA
95-49-8	2-Chlorotoluene	ND		ug/L	0.376	0.500	1	EPA 8260C Certifications:	04/27/2023 09:00	04/27/2023 15:52 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	SMA
591-78-6	2-Hexanone	ND		ug/L	0.320	0.500	1	EPA 8260C Certifications:	04/27/2023 09:00	04/27/2023 15:52 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	SMA
106-43-4	4-Chlorotoluene	ND		ug/L	0.311	0.500	1	EPA 8260C Certifications:	04/27/2023 09:00	04/27/2023 15:52 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	SMA
108-10-1	4-Methyl-2-pentanone	ND		ug/L	0.365	0.500	1	EPA 8260C Certifications:	04/27/2023 09:00	04/27/2023 15:52 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	SMA
67-64-1	Acetone	ND		ug/L	1.34	2.00	1	EPA 8260C Certifications:	04/27/2023 09:00	04/27/2023 15:52 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	SMA
71-43-2	Benzene	ND		ug/L	0.279	0.500	1	EPA 8260C Certifications:	04/27/2023 09:00	04/27/2023 15:52 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	SMA
108-86-1	Bromobenzene	ND		ug/L	0.367	0.500	1	EPA 8260C Certifications:	04/27/2023 09:00	04/27/2023 15:52 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	SMA
74-97-5	Bromochloromethane	ND		ug/L	0.354	0.500	1	EPA 8260C Certifications:	04/27/2023 09:00	04/27/2023 15:52 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	SMA
75-27-4	Bromodichloromethane	ND		ug/L	0.245	0.500	1	EPA 8260C Certifications:	04/27/2023 09:00	04/27/2023 15:52 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	SMA
75-25-2	Bromoform	ND		ug/L	0.163	0.500	1	EPA 8260C Certifications:	04/27/2023 09:00	04/27/2023 15:52 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	SMA
74-83-9	Bromomethane	ND		ug/L	0.119	0.500	1	EPA 8260C Certifications:	04/27/2023 09:00	04/27/2023 15:52 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	SMA
75-15-0	Carbon disulfide	ND		ug/L	0.362	0.500	1	EPA 8260C Certifications:	04/27/2023 09:00	04/27/2023 15:52 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	SMA
56-23-5	Carbon tetrachloride	ND		ug/L	0.204	0.500	1	EPA 8260C Certifications:	04/27/2023 09:00	04/27/2023 15:52 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	SMA
108-90-7	Chlorobenzene	ND		ug/L	0.284	0.500	1	EPA 8260C Certifications:	04/27/2023 09:00	04/27/2023 15:52 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	SMA
75-00-3	Chloroethane	ND		ug/L	0.448	0.500	1	EPA 8260C Certifications:	04/27/2023 09:00	04/27/2023 15:52 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	SMA
67-66-3	**Chloroform**	**0.290**	J	ug/L	0.243	0.500	1	EPA 8260C Certifications:	04/27/2023 09:00	04/27/2023 15:52 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PA	SMA
74-87-3	Chloromethane	ND		ug/L	0.372	0.500	1	EPA 8260C Certifications:	04/27/2023 09:00	04/27/2023 15:52 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	SMA
156-59-2	cis-1,2-Dichloroethylene	ND		ug/L	0.294	0.500	1	EPA 8260C Certifications:	04/27/2023 09:00	04/27/2023 15:52 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	SMA
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.262	0.500	1	EPA 8260C Certifications:	04/27/2023 09:00	04/27/2023 15:52 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	SMA
124-48-1	Dibromochloromethane	ND		ug/L	0.146	0.500	1	EPA 8260C Certifications:	04/27/2023 09:00	04/27/2023 15:52 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	SMA
74-95-3	Dibromomethane	ND		ug/L	0.203	0.500	1	EPA 8260C Certifications:	04/27/2023 09:00	04/27/2023 15:52 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	SMA
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.451	0.500	1	EPA 8260C Certifications:	04/27/2023 09:00	04/27/2023 15:52 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	SMA

Sample Information

Client Sample ID: 2010-1C

York Sample ID: 23D1512-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23D1512	80 Banks Avenue Rockville Centre 12-190	Ground Water	April 25, 2023 3:05 pm	04/26/2023

VOA, 8260 LOW MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
100-41-4	Ethyl Benzene	ND		ug/L	0.290	0.500	1	EPA 8260C Certifications:	04/27/2023 09:00	04/27/2023 15:52	SMA CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
87-68-3	Hexachlorobutadiene	ND		ug/L	0.241	0.500	1	EPA 8260C Certifications:	04/27/2023 09:00	04/27/2023 15:52	SMA NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
98-82-8	Isopropylbenzene	ND		ug/L	0.405	0.500	1	EPA 8260C Certifications:	04/27/2023 09:00	04/27/2023 15:52	SMA CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.244	0.500	1	EPA 8260C Certifications:	04/27/2023 09:00	04/27/2023 15:52	SMA CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
75-09-2	Methylene chloride	ND		ug/L	0.397	2.00	1	EPA 8260C Certifications:	04/27/2023 09:00	04/27/2023 15:52	SMA CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
91-20-3	Naphthalene	ND		ug/L	0.212	2.00	1	EPA 8260C Certifications:	04/27/2023 09:00	04/27/2023 15:52	SMA NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
104-51-8	n-Butylbenzene	ND		ug/L	0.399	0.500	1	EPA 8260C Certifications:	04/27/2023 09:00	04/27/2023 15:52	SMA CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
103-65-1	n-Propylbenzene	ND		ug/L	0.384	0.500	1	EPA 8260C Certifications:	04/27/2023 09:00	04/27/2023 15:52	SMA CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
95-47-6	o-Xylene	ND		ug/L	0.261	0.500	1	EPA 8260C Certifications:	04/27/2023 09:00	04/27/2023 15:52	SMA CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP
179601-23-1	p- & m- Xylenes	ND		ug/L	0.578	1.00	1	EPA 8260C Certifications:	04/27/2023 09:00	04/27/2023 15:52	SMA CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP
105-05-5	* p-Diethylbenzene	ND		ug/L	0.341	0.500	1	EPA 8260C Certifications:	04/27/2023 09:00	04/27/2023 15:52	SMA
622-96-8	* p-Ethyltoluene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	04/27/2023 09:00	04/27/2023 15:52	SMA
99-87-6	p-Isopropyltoluene	ND		ug/L	0.377	0.500	1	EPA 8260C Certifications:	04/27/2023 09:00	04/27/2023 15:52	SMA CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
135-98-8	sec-Butylbenzene	ND		ug/L	0.444	0.500	1	EPA 8260C Certifications:	04/27/2023 09:00	04/27/2023 15:52	SMA CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
100-42-5	Styrene	ND		ug/L	0.255	0.500	1	EPA 8260C Certifications:	04/27/2023 09:00	04/27/2023 15:52	SMA CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
98-06-6	tert-Butylbenzene	ND		ug/L	0.367	0.500	1	EPA 8260C Certifications:	04/27/2023 09:00	04/27/2023 15:52	SMA CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
127-18-4	Tetrachloroethylene	ND		ug/L	0.239	0.500	1	EPA 8260C Certifications:	04/27/2023 09:00	04/27/2023 15:52	SMA CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
108-88-3	Toluene	ND		ug/L	0.346	0.500	1	EPA 8260C Certifications:	04/27/2023 09:00	04/27/2023 15:52	SMA CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.279	0.500	1	EPA 8260C Certifications:	04/27/2023 09:00	04/27/2023 15:52	SMA CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.229	0.500	1	EPA 8260C Certifications:	04/27/2023 09:00	04/27/2023 15:52	SMA CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
79-01-6	Trichloroethylene	ND		ug/L	0.249	0.500	1	EPA 8260C Certifications:	04/27/2023 09:00	04/27/2023 15:52	SMA CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
75-69-4	Trichlorofluoromethane	ND		ug/L	0.337	0.500	1	EPA 8260C Certifications:	04/27/2023 09:00	04/27/2023 15:52	SMA CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
75-01-4	Vinyl Chloride	ND		ug/L	0.469	0.500	1	EPA 8260C Certifications:	04/27/2023 09:00	04/27/2023 15:52	SMA CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI

Sample Information

Client Sample ID: 2010-1C **York Sample ID:** 23D1512-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23D1512	80 Banks Avenue Rockville Centre 12-190	Ground Water	April 25, 2023 3:05 pm	04/26/2023

VOA, 8260 LOW MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
1330-20-7	Xylenes, Total	ND		ug/L	0.836	1.50	1	EPA 8260C Certifications:	04/27/2023 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP	04/27/2023 15:52	SMA

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: SURR: 1,2-Dichloroethane-d4*	*93.6 %*	*69-130*
2037-26-5	*Surrogate: SURR: Toluene-d8*	*85.2 %*	*81-117*
460-00-4	*Surrogate: SURR: p-Bromofluorobenzene*	*90.3 %*	*79-122*

Sample Information

Client Sample ID: 2010-1D **York Sample ID:** 23D1512-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23D1512	80 Banks Avenue Rockville Centre 12-190	Ground Water	April 25, 2023 2:39 pm	04/26/2023

VOA, 8260 LOW MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/L	0.216	0.500	1	EPA 8260C Certifications:	04/27/2023 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	04/27/2023 16:19	SMA
71-55-6	1,1,1-Trichloroethane	ND		ug/L	0.266	0.500	1	EPA 8260C Certifications:	04/27/2023 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	04/27/2023 16:19	SMA
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.256	0.500	1	EPA 8260C Certifications:	04/27/2023 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	04/27/2023 16:19	SMA
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/L	0.286	0.500	1	EPA 8260C Certifications:	04/27/2023 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	04/27/2023 16:19	SMA
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.249	0.500	1	EPA 8260C Certifications:	04/27/2023 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	04/27/2023 16:19	SMA
75-34-3	**1,1-Dichloroethane**	**0.430**	J	ug/L	0.272	0.500	1	EPA 8260C Certifications:	04/27/2023 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PA	04/27/2023 16:19	SMA
75-35-4	**1,1-Dichloroethylene**	**0.920**		ug/L	0.327	0.500	1	EPA 8260C Certifications:	04/27/2023 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PA	04/27/2023 16:19	SMA
563-58-6	1,1-Dichloropropylene	ND		ug/L	0.314	0.500	1	EPA 8260C Certifications:	04/27/2023 09:00 NELAC-NY10854,NELAC-NY12058,NJDEP	04/27/2023 16:19	SMA
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	0.222	0.500	1	EPA 8260C Certifications:	04/27/2023 09:00 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/27/2023 16:19	SMA
96-18-4	1,2,3-Trichloropropane	ND		ug/L	0.273	0.500	1	EPA 8260C Certifications:	04/27/2023 09:00 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/27/2023 16:19	SMA
95-93-2	* 1,2,4,5-Tetramethylbenzene	ND		ug/L	0.255	0.500	1	EPA 8260C Certifications:	04/27/2023 09:00	04/27/2023 16:19	SMA
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.138	0.500	1	EPA 8260C Certifications:	04/27/2023 09:00 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/27/2023 16:19	SMA

Sample Information

Client Sample ID: 2010-1D

York Sample ID: 23D1512-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23D1512	80 Banks Avenue Rockville Centre 12-190	Ground Water	April 25, 2023 2:39 pm	04/26/2023

VOA, 8260 LOW MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	0.310	0.500	1	EPA 8260C Certifications:	04/27/2023 09:00	04/27/2023 16:19	SMA CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.432	0.500	1	EPA 8260C Certifications:	04/27/2023 09:00	04/27/2023 16:19	SMA CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
106-93-4	1,2-Dibromoethane	ND		ug/L	0.215	0.500	1	EPA 8260C Certifications:	04/27/2023 09:00	04/27/2023 16:19	SMA CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.270	0.500	1	EPA 8260C Certifications:	04/27/2023 09:00	04/27/2023 16:19	SMA CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
107-06-2	1,2-Dichloroethane	ND		ug/L	0.377	0.500	1	EPA 8260C Certifications:	04/27/2023 09:00	04/27/2023 16:19	SMA CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
78-87-5	1,2-Dichloropropane	ND		ug/L	0.327	0.500	1	EPA 8260C Certifications:	04/27/2023 09:00	04/27/2023 16:19	SMA CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	0.347	0.500	1	EPA 8260C Certifications:	04/27/2023 09:00	04/27/2023 16:19	SMA CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.283	0.500	1	EPA 8260C Certifications:	04/27/2023 09:00	04/27/2023 16:19	SMA CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
142-28-9	1,3-Dichloropropane	ND		ug/L	0.260	0.500	1	EPA 8260C Certifications:	04/27/2023 09:00	04/27/2023 16:19	SMA NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.311	0.500	1	EPA 8260C Certifications:	04/27/2023 09:00	04/27/2023 16:19	SMA CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
594-20-7	2,2-Dichloropropane	ND		ug/L	0.466	0.500	1	EPA 8260C Certifications:	04/27/2023 09:00	04/27/2023 16:19	SMA NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
78-93-3	2-Butanone	ND		ug/L	0.421	0.500	1	EPA 8260C Certifications:	04/27/2023 09:00	04/27/2023 16:19	SMA CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
95-49-8	2-Chlorotoluene	ND		ug/L	0.376	0.500	1	EPA 8260C Certifications:	04/27/2023 09:00	04/27/2023 16:19	SMA CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
591-78-6	2-Hexanone	ND		ug/L	0.320	0.500	1	EPA 8260C Certifications:	04/27/2023 09:00	04/27/2023 16:19	SMA CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
106-43-4	4-Chlorotoluene	ND		ug/L	0.311	0.500	1	EPA 8260C Certifications:	04/27/2023 09:00	04/27/2023 16:19	SMA CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
108-10-1	4-Methyl-2-pentanone	ND		ug/L	0.365	0.500	1	EPA 8260C Certifications:	04/27/2023 09:00	04/27/2023 16:19	SMA CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
67-64-1	Acetone	ND		ug/L	1.34	2.00	1	EPA 8260C Certifications:	04/27/2023 09:00	04/27/2023 16:19	SMA CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
71-43-2	Benzene	ND		ug/L	0.279	0.500	1	EPA 8260C Certifications:	04/27/2023 09:00	04/27/2023 16:19	SMA CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
108-86-1	Bromobenzene	ND		ug/L	0.367	0.500	1	EPA 8260C Certifications:	04/27/2023 09:00	04/27/2023 16:19	SMA NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
74-97-5	Bromochloromethane	ND		ug/L	0.354	0.500	1	EPA 8260C Certifications:	04/27/2023 09:00	04/27/2023 16:19	SMA NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
75-27-4	Bromodichloromethane	ND		ug/L	0.245	0.500	1	EPA 8260C Certifications:	04/27/2023 09:00	04/27/2023 16:19	SMA CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
75-25-2	Bromoform	ND		ug/L	0.163	0.500	1	EPA 8260C Certifications:	04/27/2023 09:00	04/27/2023 16:19	SMA CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
74-83-9	Bromomethane	ND		ug/L	0.119	0.500	1	EPA 8260C Certifications:	04/27/2023 09:00	04/27/2023 16:19	SMA CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI

Sample Information

Client Sample ID: 2010-1D

York Sample ID: 23D1512-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23D1512	80 Banks Avenue Rockville Centre 12-190	Ground Water	April 25, 2023 2:39 pm	04/26/2023

VOA, 8260 LOW MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
75-15-0	Carbon disulfide	ND		ug/L	0.362	0.500	1	EPA 8260C Certifications:	04/27/2023 09:00	04/27/2023 16:19 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	SMA
56-23-5	Carbon tetrachloride	ND		ug/L	0.204	0.500	1	EPA 8260C Certifications:	04/27/2023 09:00	04/27/2023 16:19 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	SMA
108-90-7	Chlorobenzene	ND		ug/L	0.284	0.500	1	EPA 8260C Certifications:	04/27/2023 09:00	04/27/2023 16:19 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	SMA
75-00-3	Chloroethane	ND		ug/L	0.448	0.500	1	EPA 8260C Certifications:	04/27/2023 09:00	04/27/2023 16:19 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	SMA
67-66-3	Chloroform	ND		ug/L	0.243	0.500	1	EPA 8260C Certifications:	04/27/2023 09:00	04/27/2023 16:19 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	SMA
74-87-3	Chloromethane	ND		ug/L	0.372	0.500	1	EPA 8260C Certifications:	04/27/2023 09:00	04/27/2023 16:19 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	SMA
156-59-2	**cis-1,2-Dichloroethylene**	**154**		ug/L	2.94	5.00	10	EPA 8260C Certifications:	04/27/2023 09:00	05/01/2023 13:33 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PA	SMA
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.262	0.500	1	EPA 8260C Certifications:	04/27/2023 09:00	04/27/2023 16:19 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	SMA
124-48-1	Dibromochloromethane	ND		ug/L	0.146	0.500	1	EPA 8260C Certifications:	04/27/2023 09:00	04/27/2023 16:19 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	SMA
74-95-3	Dibromomethane	ND		ug/L	0.203	0.500	1	EPA 8260C Certifications:	04/27/2023 09:00	04/27/2023 16:19 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	SMA
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.451	0.500	1	EPA 8260C Certifications:	04/27/2023 09:00	04/27/2023 16:19 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	SMA
100-41-4	Ethyl Benzene	ND		ug/L	0.290	0.500	1	EPA 8260C Certifications:	04/27/2023 09:00	04/27/2023 16:19 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	SMA
87-68-3	Hexachlorobutadiene	ND		ug/L	0.241	0.500	1	EPA 8260C Certifications:	04/27/2023 09:00	04/27/2023 16:19 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	SMA
98-82-8	Isopropylbenzene	ND		ug/L	0.405	0.500	1	EPA 8260C Certifications:	04/27/2023 09:00	04/27/2023 16:19 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	SMA
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.244	0.500	1	EPA 8260C Certifications:	04/27/2023 09:00	04/27/2023 16:19 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	SMA
75-09-2	Methylene chloride	ND		ug/L	0.397	2.00	1	EPA 8260C Certifications:	04/27/2023 09:00	04/27/2023 16:19 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	SMA
91-20-3	Naphthalene	ND		ug/L	0.212	2.00	1	EPA 8260C Certifications:	04/27/2023 09:00	04/27/2023 16:19 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	SMA
104-51-8	n-Butylbenzene	ND		ug/L	0.399	0.500	1	EPA 8260C Certifications:	04/27/2023 09:00	04/27/2023 16:19 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	SMA
103-65-1	n-Propylbenzene	ND		ug/L	0.384	0.500	1	EPA 8260C Certifications:	04/27/2023 09:00	04/27/2023 16:19 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	SMA
95-47-6	o-Xylene	ND		ug/L	0.261	0.500	1	EPA 8260C Certifications:	04/27/2023 09:00	04/27/2023 16:19 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP	SMA
179601-23-1	p- & m- Xylenes	ND		ug/L	0.578	1.00	1	EPA 8260C Certifications:	04/27/2023 09:00	04/27/2023 16:19 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP	SMA
105-05-5	* p-Diethylbenzene	ND		ug/L	0.341	0.500	1	EPA 8260C Certifications:	04/27/2023 09:00	04/27/2023 16:19	SMA
622-96-8	* p-Ethyltoluene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	04/27/2023 09:00	04/27/2023 16:19	SMA

Sample Information

Client Sample ID: 2010-1D **York Sample ID:** 23D1512-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23D1512	80 Banks Avenue Rockville Centre 12-190	Ground Water	April 25, 2023 2:39 pm	04/26/2023

VOA, 8260 LOW MASTER **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
99-87-6	p-Isopropyltoluene	ND		ug/L	0.377	0.500	1	EPA 8260C Certifications:	04/27/2023 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	04/27/2023 16:19	SMA
135-98-8	sec-Butylbenzene	ND		ug/L	0.444	0.500	1	EPA 8260C Certifications:	04/27/2023 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	04/27/2023 16:19	SMA
100-42-5	Styrene	ND		ug/L	0.255	0.500	1	EPA 8260C Certifications:	04/27/2023 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	04/27/2023 16:19	SMA
98-06-6	tert-Butylbenzene	ND		ug/L	0.367	0.500	1	EPA 8260C Certifications:	04/27/2023 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	04/27/2023 16:19	SMA
127-18-4	**Tetrachloroethylene**	**67.0**		ug/L	2.39	5.00	10	EPA 8260C Certifications:	04/27/2023 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PA	05/01/2023 13:33	SMA
108-88-3	Toluene	ND		ug/L	0.346	0.500	1	EPA 8260C Certifications:	04/27/2023 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	04/27/2023 16:19	SMA
156-60-5	**trans-1,2-Dichloroethylene**	**0.860**		ug/L	0.279	0.500	1	EPA 8260C Certifications:	04/27/2023 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PA	04/27/2023 16:19	SMA
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.229	0.500	1	EPA 8260C Certifications:	04/27/2023 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	04/27/2023 16:19	SMA
79-01-6	**Trichloroethylene**	**14.8**		ug/L	0.249	0.500	1	EPA 8260C Certifications:	04/27/2023 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PA	04/27/2023 16:19	SMA
75-69-4	Trichlorofluoromethane	ND		ug/L	0.337	0.500	1	EPA 8260C Certifications:	04/27/2023 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	04/27/2023 16:19	SMA
75-01-4	**Vinyl Chloride**	**7.65**		ug/L	0.469	0.500	1	EPA 8260C Certifications:	04/27/2023 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PA	04/27/2023 16:19	SMA
1330-20-7	Xylenes, Total	ND		ug/L	0.836	1.50	1	EPA 8260C Certifications:	04/27/2023 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP	04/27/2023 16:19	SMA

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: SURR: 1,2-Dichloroethane-d4*	*93.1 %*	*69-130*
2037-26-5	*Surrogate: SURR: Toluene-d8*	*84.2 %*	*81-117*
460-00-4	*Surrogate: SURR: p-Bromofluorobenzene*	*90.0 %*	*79-122*

Sample Information

Client Sample ID: 2010-2A **York Sample ID:** 23D1512-05

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23D1512	80 Banks Avenue Rockville Centre 12-190	Ground Water	April 25, 2023 2:09 pm	04/26/2023

VOA, 8260 LOW MASTER **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/L	0.216	0.500	1	EPA 8260C Certifications:	04/27/2023 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	04/27/2023 16:46	SMA

Sample Information

Client Sample ID: 2010-2A

York Sample ID: 23D1512-05

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23D1512	80 Banks Avenue Rockville Centre 12-190	Ground Water	April 25, 2023 2:09 pm	04/26/2023

VOA, 8260 LOW MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
71-55-6	1,1,1-Trichloroethane	ND		ug/L	0.266	0.500	1	EPA 8260C Certifications:	04/27/2023 09:00	04/27/2023 16:46	SMA CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.256	0.500	1	EPA 8260C Certifications:	04/27/2023 09:00	04/27/2023 16:46	SMA CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/L	0.286	0.500	1	EPA 8260C Certifications:	04/27/2023 09:00	04/27/2023 16:46	SMA CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.249	0.500	1	EPA 8260C Certifications:	04/27/2023 09:00	04/27/2023 16:46	SMA CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
75-34-3	1,1-Dichloroethane	ND		ug/L	0.272	0.500	1	EPA 8260C Certifications:	04/27/2023 09:00	04/27/2023 16:46	SMA CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.327	0.500	1	EPA 8260C Certifications:	04/27/2023 09:00	04/27/2023 16:46	SMA CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
563-58-6	1,1-Dichloropropylene	ND		ug/L	0.314	0.500	1	EPA 8260C Certifications:	04/27/2023 09:00	04/27/2023 16:46	SMA NELAC-NY10854,NELAC-NY12058,NJDEP
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	0.222	0.500	1	EPA 8260C Certifications:	04/27/2023 09:00	04/27/2023 16:46	SMA NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
96-18-4	1,2,3-Trichloropropane	ND		ug/L	0.273	0.500	1	EPA 8260C Certifications:	04/27/2023 09:00	04/27/2023 16:46	SMA NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
95-93-2	* 1,2,4,5-Tetramethylbenzene	ND		ug/L	0.255	0.500	1	EPA 8260C Certifications:	04/27/2023 09:00	04/27/2023 16:46	SMA
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.138	0.500	1	EPA 8260C Certifications:	04/27/2023 09:00	04/27/2023 16:46	SMA NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	0.310	0.500	1	EPA 8260C Certifications:	04/27/2023 09:00	04/27/2023 16:46	SMA CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.432	0.500	1	EPA 8260C Certifications:	04/27/2023 09:00	04/27/2023 16:46	SMA CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
106-93-4	1,2-Dibromoethane	ND		ug/L	0.215	0.500	1	EPA 8260C Certifications:	04/27/2023 09:00	04/27/2023 16:46	SMA CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.270	0.500	1	EPA 8260C Certifications:	04/27/2023 09:00	04/27/2023 16:46	SMA CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
107-06-2	1,2-Dichloroethane	ND		ug/L	0.377	0.500	1	EPA 8260C Certifications:	04/27/2023 09:00	04/27/2023 16:46	SMA CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
78-87-5	1,2-Dichloropropane	ND		ug/L	0.327	0.500	1	EPA 8260C Certifications:	04/27/2023 09:00	04/27/2023 16:46	SMA CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	0.347	0.500	1	EPA 8260C Certifications:	04/27/2023 09:00	04/27/2023 16:46	SMA CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.283	0.500	1	EPA 8260C Certifications:	04/27/2023 09:00	04/27/2023 16:46	SMA CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
142-28-9	1,3-Dichloropropane	ND		ug/L	0.260	0.500	1	EPA 8260C Certifications:	04/27/2023 09:00	04/27/2023 16:46	SMA NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.311	0.500	1	EPA 8260C Certifications:	04/27/2023 09:00	04/27/2023 16:46	SMA CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
594-20-7	2,2-Dichloropropane	ND		ug/L	0.466	0.500	1	EPA 8260C Certifications:	04/27/2023 09:00	04/27/2023 16:46	SMA NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
78-93-3	2-Butanone	ND		ug/L	0.421	0.500	1	EPA 8260C Certifications:	04/27/2023 09:00	04/27/2023 16:46	SMA CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI

Sample Information

Client Sample ID: 2010-2A **York Sample ID:** 23D1512-05

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23D1512	80 Banks Avenue Rockville Centre 12-190	Ground Water	April 25, 2023 2:09 pm	04/26/2023

VOA, 8260 LOW MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
95-49-8	2-Chlorotoluene	ND		ug/L	0.376	0.500	1	EPA 8260C Certifications:	04/27/2023 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	04/27/2023 16:46	SMA
591-78-6	2-Hexanone	ND		ug/L	0.320	0.500	1	EPA 8260C Certifications:	04/27/2023 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	04/27/2023 16:46	SMA
106-43-4	4-Chlorotoluene	ND		ug/L	0.311	0.500	1	EPA 8260C Certifications:	04/27/2023 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	04/27/2023 16:46	SMA
108-10-1	4-Methyl-2-pentanone	ND		ug/L	0.365	0.500	1	EPA 8260C Certifications:	04/27/2023 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	04/27/2023 16:46	SMA
67-64-1	Acetone	ND		ug/L	1.34	2.00	1	EPA 8260C Certifications:	04/27/2023 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	04/27/2023 16:46	SMA
71-43-2	Benzene	ND		ug/L	0.279	0.500	1	EPA 8260C Certifications:	04/27/2023 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	04/27/2023 16:46	SMA
108-86-1	Bromobenzene	ND		ug/L	0.367	0.500	1	EPA 8260C Certifications:	04/27/2023 09:00 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/27/2023 16:46	SMA
74-97-5	Bromochloromethane	ND		ug/L	0.354	0.500	1	EPA 8260C Certifications:	04/27/2023 09:00 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/27/2023 16:46	SMA
75-27-4	Bromodichloromethane	ND		ug/L	0.245	0.500	1	EPA 8260C Certifications:	04/27/2023 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	04/27/2023 16:46	SMA
75-25-2	Bromoform	ND		ug/L	0.163	0.500	1	EPA 8260C Certifications:	04/27/2023 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	04/27/2023 16:46	SMA
74-83-9	Bromomethane	ND		ug/L	0.119	0.500	1	EPA 8260C Certifications:	04/27/2023 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	04/27/2023 16:46	SMA
75-15-0	Carbon disulfide	ND		ug/L	0.362	0.500	1	EPA 8260C Certifications:	04/27/2023 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	04/27/2023 16:46	SMA
56-23-5	Carbon tetrachloride	ND		ug/L	0.204	0.500	1	EPA 8260C Certifications:	04/27/2023 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	04/27/2023 16:46	SMA
108-90-7	Chlorobenzene	ND		ug/L	0.284	0.500	1	EPA 8260C Certifications:	04/27/2023 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	04/27/2023 16:46	SMA
75-00-3	Chloroethane	ND		ug/L	0.448	0.500	1	EPA 8260C Certifications:	04/27/2023 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	04/27/2023 16:46	SMA
67-66-3	Chloroform	ND		ug/L	0.243	0.500	1	EPA 8260C Certifications:	04/27/2023 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	04/27/2023 16:46	SMA
74-87-3	Chloromethane	ND		ug/L	0.372	0.500	1	EPA 8260C Certifications:	04/27/2023 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	04/27/2023 16:46	SMA
156-59-2	**cis-1,2-Dichloroethylene**	**0.620**		ug/L	0.294	0.500	1	EPA 8260C Certifications:	04/27/2023 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PA	04/27/2023 16:46	SMA
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.262	0.500	1	EPA 8260C Certifications:	04/27/2023 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	04/27/2023 16:46	SMA
124-48-1	Dibromochloromethane	ND		ug/L	0.146	0.500	1	EPA 8260C Certifications:	04/27/2023 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	04/27/2023 16:46	SMA
74-95-3	Dibromomethane	ND		ug/L	0.203	0.500	1	EPA 8260C Certifications:	04/27/2023 09:00 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/27/2023 16:46	SMA
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.451	0.500	1	EPA 8260C Certifications:	04/27/2023 09:00 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/27/2023 16:46	SMA
100-41-4	Ethyl Benzene	ND		ug/L	0.290	0.500	1	EPA 8260C Certifications:	04/27/2023 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	04/27/2023 16:46	SMA

Sample Information

Client Sample ID: 2010-2A

York Sample ID: 23D1512-05

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23D1512	80 Banks Avenue Rockville Centre 12-190	Ground Water	April 25, 2023 2:09 pm	04/26/2023

VOA, 8260 LOW MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
87-68-3	Hexachlorobutadiene	ND		ug/L	0.241	0.500	1	EPA 8260C Certifications:	04/27/2023 09:00 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/27/2023 16:46	SMA
98-82-8	Isopropylbenzene	ND		ug/L	0.405	0.500	1	EPA 8260C Certifications:	04/27/2023 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	04/27/2023 16:46	SMA
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.244	0.500	1	EPA 8260C Certifications:	04/27/2023 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	04/27/2023 16:46	SMA
75-09-2	Methylene chloride	ND		ug/L	0.397	2.00	1	EPA 8260C Certifications:	04/27/2023 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	04/27/2023 16:46	SMA
91-20-3	Naphthalene	ND		ug/L	0.212	2.00	1	EPA 8260C Certifications:	04/27/2023 09:00 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/27/2023 16:46	SMA
104-51-8	n-Butylbenzene	ND		ug/L	0.399	0.500	1	EPA 8260C Certifications:	04/27/2023 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	04/27/2023 16:46	SMA
103-65-1	n-Propylbenzene	ND		ug/L	0.384	0.500	1	EPA 8260C Certifications:	04/27/2023 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	04/27/2023 16:46	SMA
95-47-6	o-Xylene	ND		ug/L	0.261	0.500	1	EPA 8260C Certifications:	04/27/2023 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP	04/27/2023 16:46	SMA
179601-23-1	p- & m- Xylenes	ND		ug/L	0.578	1.00	1	EPA 8260C Certifications:	04/27/2023 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP	04/27/2023 16:46	SMA
105-05-5	* p-Diethylbenzene	ND		ug/L	0.341	0.500	1	EPA 8260C Certifications:	04/27/2023 09:00	04/27/2023 16:46	SMA
622-96-8	* p-Ethyltoluene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	04/27/2023 09:00	04/27/2023 16:46	SMA
99-87-6	p-Isopropyltoluene	ND		ug/L	0.377	0.500	1	EPA 8260C Certifications:	04/27/2023 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	04/27/2023 16:46	SMA
135-98-8	sec-Butylbenzene	ND		ug/L	0.444	0.500	1	EPA 8260C Certifications:	04/27/2023 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	04/27/2023 16:46	SMA
100-42-5	Styrene	ND		ug/L	0.255	0.500	1	EPA 8260C Certifications:	04/27/2023 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	04/27/2023 16:46	SMA
98-06-6	tert-Butylbenzene	ND		ug/L	0.367	0.500	1	EPA 8260C Certifications:	04/27/2023 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	04/27/2023 16:46	SMA
127-18-4	**Tetrachloroethylene**	**1.25**		ug/L	0.239	0.500	1	EPA 8260C Certifications:	04/27/2023 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PA	04/27/2023 16:46	SMA
108-88-3	Toluene	ND		ug/L	0.346	0.500	1	EPA 8260C Certifications:	04/27/2023 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	04/27/2023 16:46	SMA
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.279	0.500	1	EPA 8260C Certifications:	04/27/2023 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	04/27/2023 16:46	SMA
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.229	0.500	1	EPA 8260C Certifications:	04/27/2023 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	04/27/2023 16:46	SMA
79-01-6	**Trichloroethylene**	**0.370**	J	ug/L	0.249	0.500	1	EPA 8260C Certifications:	04/27/2023 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PA	04/27/2023 16:46	SMA
75-69-4	Trichlorofluoromethane	ND		ug/L	0.337	0.500	1	EPA 8260C Certifications:	04/27/2023 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	04/27/2023 16:46	SMA
75-01-4	Vinyl Chloride	ND		ug/L	0.469	0.500	1	EPA 8260C Certifications:	04/27/2023 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	04/27/2023 16:46	SMA
1330-20-7	Xylenes, Total	ND		ug/L	0.836	1.50	1	EPA 8260C Certifications:	04/27/2023 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP	04/27/2023 16:46	SMA

Surrogate Recoveries	Result	Acceptance Range

Sample Information

Client Sample ID: 2010-2A **York Sample ID:** 23D1512-05

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23D1512	80 Banks Avenue Rockville Centre 12-190	Ground Water	April 25, 2023 2:09 pm	04/26/2023

VOA, 8260 LOW MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
17060-07-0	*Surrogate: SURR: 1,2-Dichloroethane-d4*	*95.7 %*			*69-130*						
2037-26-5	*Surrogate: SURR: Toluene-d8*	*85.4 %*			*81-117*						
460-00-4	*Surrogate: SURR: p-Bromofluorobenzene*	*91.7 %*			*79-122*						

Sample Information

Client Sample ID: 2010-2B **York Sample ID:** 23D1512-06

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23D1512	80 Banks Avenue Rockville Centre 12-190	Ground Water	April 25, 2023 2:20 pm	04/26/2023

VOA, 8260 LOW MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/L	0.216	0.500	1	EPA 8260C Certifications:	04/27/2023 09:00	04/27/2023 17:13	SMA CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
71-55-6	1,1,1-Trichloroethane	ND		ug/L	0.266	0.500	1	EPA 8260C Certifications:	04/27/2023 09:00	04/27/2023 17:13	SMA CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.256	0.500	1	EPA 8260C Certifications:	04/27/2023 09:00	04/27/2023 17:13	SMA CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/L	0.286	0.500	1	EPA 8260C Certifications:	04/27/2023 09:00	04/27/2023 17:13	SMA CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.249	0.500	1	EPA 8260C Certifications:	04/27/2023 09:00	04/27/2023 17:13	SMA CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
75-34-3	1,1-Dichloroethane	ND		ug/L	0.272	0.500	1	EPA 8260C Certifications:	04/27/2023 09:00	04/27/2023 17:13	SMA CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.327	0.500	1	EPA 8260C Certifications:	04/27/2023 09:00	04/27/2023 17:13	SMA CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
563-58-6	1,1-Dichloropropylene	ND		ug/L	0.314	0.500	1	EPA 8260C Certifications:	04/27/2023 09:00	04/27/2023 17:13	SMA NELAC-NY10854,NELAC-NY12058,NJDEP
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	0.222	0.500	1	EPA 8260C Certifications:	04/27/2023 09:00	04/27/2023 17:13	SMA NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
96-18-4	1,2,3-Trichloropropane	ND		ug/L	0.273	0.500	1	EPA 8260C Certifications:	04/27/2023 09:00	04/27/2023 17:13	SMA NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
95-93-2	* 1,2,4,5-Tetramethylbenzene	ND		ug/L	0.255	0.500	1	EPA 8260C Certifications:	04/27/2023 09:00	04/27/2023 17:13	SMA
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.138	0.500	1	EPA 8260C Certifications:	04/27/2023 09:00	04/27/2023 17:13	SMA NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	0.310	0.500	1	EPA 8260C Certifications:	04/27/2023 09:00	04/27/2023 17:13	SMA CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.432	0.500	1	EPA 8260C Certifications:	04/27/2023 09:00	04/27/2023 17:13	SMA CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI

Sample Information

Client Sample ID: 2010-2B

York Sample ID: 23D1512-06

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23D1512	80 Banks Avenue Rockville Centre 12-190	Ground Water	April 25, 2023 2:20 pm	04/26/2023

VOA, 8260 LOW MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
106-93-4	1,2-Dibromoethane	ND		ug/L	0.215	0.500	1	EPA 8260C Certifications:	04/27/2023 09:00	04/27/2023 17:13	SMA CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.270	0.500	1	EPA 8260C Certifications:	04/27/2023 09:00	04/27/2023 17:13	SMA CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
107-06-2	1,2-Dichloroethane	ND		ug/L	0.377	0.500	1	EPA 8260C Certifications:	04/27/2023 09:00	04/27/2023 17:13	SMA CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
78-87-5	1,2-Dichloropropane	ND		ug/L	0.327	0.500	1	EPA 8260C Certifications:	04/27/2023 09:00	04/27/2023 17:13	SMA CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	0.347	0.500	1	EPA 8260C Certifications:	04/27/2023 09:00	04/27/2023 17:13	SMA CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.283	0.500	1	EPA 8260C Certifications:	04/27/2023 09:00	04/27/2023 17:13	SMA CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
142-28-9	1,3-Dichloropropane	ND		ug/L	0.260	0.500	1	EPA 8260C Certifications:	04/27/2023 09:00	04/27/2023 17:13	SMA NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.311	0.500	1	EPA 8260C Certifications:	04/27/2023 09:00	04/27/2023 17:13	SMA CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
594-20-7	2,2-Dichloropropane	ND		ug/L	0.466	0.500	1	EPA 8260C Certifications:	04/27/2023 09:00	04/27/2023 17:13	SMA NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
78-93-3	2-Butanone	ND		ug/L	0.421	0.500	1	EPA 8260C Certifications:	04/27/2023 09:00	04/27/2023 17:13	SMA CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
95-49-8	2-Chlorotoluene	ND		ug/L	0.376	0.500	1	EPA 8260C Certifications:	04/27/2023 09:00	04/27/2023 17:13	SMA CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
591-78-6	2-Hexanone	ND		ug/L	0.320	0.500	1	EPA 8260C Certifications:	04/27/2023 09:00	04/27/2023 17:13	SMA CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
106-43-4	4-Chlorotoluene	ND		ug/L	0.311	0.500	1	EPA 8260C Certifications:	04/27/2023 09:00	04/27/2023 17:13	SMA CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
108-10-1	4-Methyl-2-pentanone	ND		ug/L	0.365	0.500	1	EPA 8260C Certifications:	04/27/2023 09:00	04/27/2023 17:13	SMA CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
67-64-1	Acetone	ND		ug/L	1.34	2.00	1	EPA 8260C Certifications:	04/27/2023 09:00	04/27/2023 17:13	SMA CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
71-43-2	Benzene	ND		ug/L	0.279	0.500	1	EPA 8260C Certifications:	04/27/2023 09:00	04/27/2023 17:13	SMA CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
108-86-1	Bromobenzene	ND		ug/L	0.367	0.500	1	EPA 8260C Certifications:	04/27/2023 09:00	04/27/2023 17:13	SMA NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
74-97-5	Bromochloromethane	ND		ug/L	0.354	0.500	1	EPA 8260C Certifications:	04/27/2023 09:00	04/27/2023 17:13	SMA NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
75-27-4	Bromodichloromethane	ND		ug/L	0.245	0.500	1	EPA 8260C Certifications:	04/27/2023 09:00	04/27/2023 17:13	SMA CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
75-25-2	Bromoform	ND		ug/L	0.163	0.500	1	EPA 8260C Certifications:	04/27/2023 09:00	04/27/2023 17:13	SMA CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
74-83-9	Bromomethane	ND		ug/L	0.119	0.500	1	EPA 8260C Certifications:	04/27/2023 09:00	04/27/2023 17:13	SMA CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
75-15-0	Carbon disulfide	ND		ug/L	0.362	0.500	1	EPA 8260C Certifications:	04/27/2023 09:00	04/27/2023 17:13	SMA CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
56-23-5	Carbon tetrachloride	ND		ug/L	0.204	0.500	1	EPA 8260C Certifications:	04/27/2023 09:00	04/27/2023 17:13	SMA CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI

Sample Information

Client Sample ID: 2010-2B

York Sample ID: 23D1512-06

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23D1512	80 Banks Avenue Rockville Centre 12-190	Ground Water	April 25, 2023 2:20 pm	04/26/2023

VOA, 8260 LOW MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
108-90-7	Chlorobenzene	ND		ug/L	0.284	0.500	1	EPA 8260C Certifications:	04/27/2023 09:00	04/27/2023 17:13	SMA CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
75-00-3	Chloroethane	ND		ug/L	0.448	0.500	1	EPA 8260C Certifications:	04/27/2023 09:00	04/27/2023 17:13	SMA CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
67-66-3	Chloroform	ND		ug/L	0.243	0.500	1	EPA 8260C Certifications:	04/27/2023 09:00	04/27/2023 17:13	SMA CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
74-87-3	Chloromethane	ND		ug/L	0.372	0.500	1	EPA 8260C Certifications:	04/27/2023 09:00	04/27/2023 17:13	SMA CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
156-59-2	cis-1,2-Dichloroethylene	ND		ug/L	0.294	0.500	1	EPA 8260C Certifications:	04/27/2023 09:00	04/27/2023 17:13	SMA CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.262	0.500	1	EPA 8260C Certifications:	04/27/2023 09:00	04/27/2023 17:13	SMA CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
124-48-1	Dibromochloromethane	ND		ug/L	0.146	0.500	1	EPA 8260C Certifications:	04/27/2023 09:00	04/27/2023 17:13	SMA CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
74-95-3	Dibromomethane	ND		ug/L	0.203	0.500	1	EPA 8260C Certifications:	04/27/2023 09:00	04/27/2023 17:13	SMA NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.451	0.500	1	EPA 8260C Certifications:	04/27/2023 09:00	04/27/2023 17:13	SMA NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
100-41-4	Ethyl Benzene	ND		ug/L	0.290	0.500	1	EPA 8260C Certifications:	04/27/2023 09:00	04/27/2023 17:13	SMA CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
87-68-3	Hexachlorobutadiene	ND		ug/L	0.241	0.500	1	EPA 8260C Certifications:	04/27/2023 09:00	04/27/2023 17:13	SMA NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
98-82-8	Isopropylbenzene	ND		ug/L	0.405	0.500	1	EPA 8260C Certifications:	04/27/2023 09:00	04/27/2023 17:13	SMA CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.244	0.500	1	EPA 8260C Certifications:	04/27/2023 09:00	04/27/2023 17:13	SMA CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
75-09-2	Methylene chloride	ND		ug/L	0.397	2.00	1	EPA 8260C Certifications:	04/27/2023 09:00	04/27/2023 17:13	SMA CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
91-20-3	Naphthalene	ND		ug/L	0.212	2.00	1	EPA 8260C Certifications:	04/27/2023 09:00	04/27/2023 17:13	SMA NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
104-51-8	n-Butylbenzene	ND		ug/L	0.399	0.500	1	EPA 8260C Certifications:	04/27/2023 09:00	04/27/2023 17:13	SMA CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
103-65-1	n-Propylbenzene	ND		ug/L	0.384	0.500	1	EPA 8260C Certifications:	04/27/2023 09:00	04/27/2023 17:13	SMA CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
95-47-6	o-Xylene	ND		ug/L	0.261	0.500	1	EPA 8260C Certifications:	04/27/2023 09:00	04/27/2023 17:13	SMA CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP
179601-23-1	p- & m- Xylenes	ND		ug/L	0.578	1.00	1	EPA 8260C Certifications:	04/27/2023 09:00	04/27/2023 17:13	SMA CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP
105-05-5	* p-Diethylbenzene	ND		ug/L	0.341	0.500	1	EPA 8260C Certifications:	04/27/2023 09:00	04/27/2023 17:13	SMA
622-96-8	* p-Ethyltoluene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	04/27/2023 09:00	04/27/2023 17:13	SMA
99-87-6	p-Isopropyltoluene	ND		ug/L	0.377	0.500	1	EPA 8260C Certifications:	04/27/2023 09:00	04/27/2023 17:13	SMA CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
135-98-8	sec-Butylbenzene	ND		ug/L	0.444	0.500	1	EPA 8260C Certifications:	04/27/2023 09:00	04/27/2023 17:13	SMA CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI

Sample Information

Client Sample ID: 2010-2B **York Sample ID:** 23D1512-06

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23D1512	80 Banks Avenue Rockville Centre 12-190	Ground Water	April 25, 2023 2:20 pm	04/26/2023

VOA, 8260 LOW MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
100-42-5	Styrene	ND		ug/L	0.255	0.500	1	EPA 8260C Certifications:	04/27/2023 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	04/27/2023 17:13	SMA
98-06-6	tert-Butylbenzene	ND		ug/L	0.367	0.500	1	EPA 8260C Certifications:	04/27/2023 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	04/27/2023 17:13	SMA
127-18-4	Tetrachloroethylene	ND		ug/L	0.239	0.500	1	EPA 8260C Certifications:	04/27/2023 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	04/27/2023 17:13	SMA
108-88-3	Toluene	ND		ug/L	0.346	0.500	1	EPA 8260C Certifications:	04/27/2023 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	04/27/2023 17:13	SMA
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.279	0.500	1	EPA 8260C Certifications:	04/27/2023 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	04/27/2023 17:13	SMA
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.229	0.500	1	EPA 8260C Certifications:	04/27/2023 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	04/27/2023 17:13	SMA
79-01-6	Trichloroethylene	ND		ug/L	0.249	0.500	1	EPA 8260C Certifications:	04/27/2023 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	04/27/2023 17:13	SMA
75-69-4	Trichlorofluoromethane	ND		ug/L	0.337	0.500	1	EPA 8260C Certifications:	04/27/2023 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	04/27/2023 17:13	SMA
75-01-4	Vinyl Chloride	ND		ug/L	0.469	0.500	1	EPA 8260C Certifications:	04/27/2023 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	04/27/2023 17:13	SMA
1330-20-7	Xylenes, Total	ND		ug/L	0.836	1.50	1	EPA 8260C Certifications:	04/27/2023 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP	04/27/2023 17:13	SMA

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: SURR: 1,2-Dichloroethane-d4*	*91.6 %*	*69-130*
2037-26-5	*Surrogate: SURR: Toluene-d8*	*86.3 %*	*81-117*
460-00-4	*Surrogate: SURR: p-Bromofluorobenzene*	*90.3 %*	*79-122*

Sample Information

Client Sample ID: 2010-2C **York Sample ID:** 23D1512-07

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23D1512	80 Banks Avenue Rockville Centre 12-190	Ground Water	April 25, 2023 2:28 pm	04/26/2023

VOA, 8260 LOW MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/L	0.216	0.500	1	EPA 8260C Certifications:	04/27/2023 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	04/27/2023 17:40	SMA
71-55-6	1,1,1-Trichloroethane	ND		ug/L	0.266	0.500	1	EPA 8260C Certifications:	04/27/2023 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	04/27/2023 17:40	SMA
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.256	0.500	1	EPA 8260C Certifications:	04/27/2023 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	04/27/2023 17:40	SMA

Sample Information

Client Sample ID: 2010-2C **York Sample ID:** 23D1512-07

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23D1512	80 Banks Avenue Rockville Centre 12-190	Ground Water	April 25, 2023 2:28 pm	04/26/2023

VOA, 8260 LOW MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/L	0.286	0.500	1	EPA 8260C Certifications:	04/27/2023 09:00	04/27/2023 17:40 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	SMA
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.249	0.500	1	EPA 8260C Certifications:	04/27/2023 09:00	04/27/2023 17:40 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	SMA
75-34-3	1,1-Dichloroethane	ND		ug/L	0.272	0.500	1	EPA 8260C Certifications:	04/27/2023 09:00	04/27/2023 17:40 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	SMA
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.327	0.500	1	EPA 8260C Certifications:	04/27/2023 09:00	04/27/2023 17:40 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	SMA
563-58-6	1,1-Dichloropropylene	ND		ug/L	0.314	0.500	1	EPA 8260C Certifications:	04/27/2023 09:00	04/27/2023 17:40 NELAC-NY10854,NELAC-NY12058,NJDEP	SMA
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	0.222	0.500	1	EPA 8260C Certifications:	04/27/2023 09:00	04/27/2023 17:40 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	SMA
96-18-4	1,2,3-Trichloropropane	ND		ug/L	0.273	0.500	1	EPA 8260C Certifications:	04/27/2023 09:00	04/27/2023 17:40 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	SMA
95-93-2	* 1,2,4,5-Tetramethylbenzene	ND		ug/L	0.255	0.500	1	EPA 8260C Certifications:	04/27/2023 09:00	04/27/2023 17:40	SMA
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.138	0.500	1	EPA 8260C Certifications:	04/27/2023 09:00	04/27/2023 17:40 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	SMA
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	0.310	0.500	1	EPA 8260C Certifications:	04/27/2023 09:00	04/27/2023 17:40 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	SMA
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.432	0.500	1	EPA 8260C Certifications:	04/27/2023 09:00	04/27/2023 17:40 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	SMA
106-93-4	1,2-Dibromoethane	ND		ug/L	0.215	0.500	1	EPA 8260C Certifications:	04/27/2023 09:00	04/27/2023 17:40 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	SMA
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.270	0.500	1	EPA 8260C Certifications:	04/27/2023 09:00	04/27/2023 17:40 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	SMA
107-06-2	1,2-Dichloroethane	ND		ug/L	0.377	0.500	1	EPA 8260C Certifications:	04/27/2023 09:00	04/27/2023 17:40 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	SMA
78-87-5	1,2-Dichloropropane	ND		ug/L	0.327	0.500	1	EPA 8260C Certifications:	04/27/2023 09:00	04/27/2023 17:40 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	SMA
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	0.347	0.500	1	EPA 8260C Certifications:	04/27/2023 09:00	04/27/2023 17:40 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	SMA
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.283	0.500	1	EPA 8260C Certifications:	04/27/2023 09:00	04/27/2023 17:40 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	SMA
142-28-9	1,3-Dichloropropane	ND		ug/L	0.260	0.500	1	EPA 8260C Certifications:	04/27/2023 09:00	04/27/2023 17:40 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	SMA
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.311	0.500	1	EPA 8260C Certifications:	04/27/2023 09:00	04/27/2023 17:40 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	SMA
594-20-7	2,2-Dichloropropane	ND		ug/L	0.466	0.500	1	EPA 8260C Certifications:	04/27/2023 09:00	04/27/2023 17:40 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	SMA
78-93-3	2-Butanone	ND		ug/L	0.421	0.500	1	EPA 8260C Certifications:	04/27/2023 09:00	04/27/2023 17:40 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	SMA
95-49-8	2-Chlorotoluene	ND		ug/L	0.376	0.500	1	EPA 8260C Certifications:	04/27/2023 09:00	04/27/2023 17:40 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	SMA
591-78-6	2-Hexanone	ND		ug/L	0.320	0.500	1	EPA 8260C Certifications:	04/27/2023 09:00	04/27/2023 17:40 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	SMA

Sample Information

Client Sample ID: 2010-2C

York Sample ID: 23D1512-07

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23D1512	80 Banks Avenue Rockville Centre 12-190	Ground Water	April 25, 2023 2:28 pm	04/26/2023

VOA, 8260 LOW MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
106-43-4	4-Chlorotoluene	ND		ug/L	0.311	0.500	1	EPA 8260C Certifications:	04/27/2023 09:00	04/27/2023 17:40	SMA CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
108-10-1	4-Methyl-2-pentanone	ND		ug/L	0.365	0.500	1	EPA 8260C Certifications:	04/27/2023 09:00	04/27/2023 17:40	SMA CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
67-64-1	Acetone	ND		ug/L	1.34	2.00	1	EPA 8260C Certifications:	04/27/2023 09:00	04/27/2023 17:40	SMA CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
71-43-2	Benzene	ND		ug/L	0.279	0.500	1	EPA 8260C Certifications:	04/27/2023 09:00	04/27/2023 17:40	SMA CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
108-86-1	Bromobenzene	ND		ug/L	0.367	0.500	1	EPA 8260C Certifications:	04/27/2023 09:00	04/27/2023 17:40	SMA NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
74-97-5	Bromochloromethane	ND		ug/L	0.354	0.500	1	EPA 8260C Certifications:	04/27/2023 09:00	04/27/2023 17:40	SMA NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
75-27-4	Bromodichloromethane	ND		ug/L	0.245	0.500	1	EPA 8260C Certifications:	04/27/2023 09:00	04/27/2023 17:40	SMA CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
75-25-2	Bromoform	ND		ug/L	0.163	0.500	1	EPA 8260C Certifications:	04/27/2023 09:00	04/27/2023 17:40	SMA CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
74-83-9	Bromomethane	ND		ug/L	0.119	0.500	1	EPA 8260C Certifications:	04/27/2023 09:00	04/27/2023 17:40	SMA CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
75-15-0	Carbon disulfide	ND		ug/L	0.362	0.500	1	EPA 8260C Certifications:	04/27/2023 09:00	04/27/2023 17:40	SMA CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
56-23-5	Carbon tetrachloride	ND		ug/L	0.204	0.500	1	EPA 8260C Certifications:	04/27/2023 09:00	04/27/2023 17:40	SMA CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
108-90-7	Chlorobenzene	ND		ug/L	0.284	0.500	1	EPA 8260C Certifications:	04/27/2023 09:00	04/27/2023 17:40	SMA CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
75-00-3	Chloroethane	ND		ug/L	0.448	0.500	1	EPA 8260C Certifications:	04/27/2023 09:00	04/27/2023 17:40	SMA CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
67-66-3	**Chloroform**	**0.550**		ug/L	0.243	0.500	1	EPA 8260C Certifications:	04/27/2023 09:00	04/27/2023 17:40	SMA CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PA
74-87-3	Chloromethane	ND		ug/L	0.372	0.500	1	EPA 8260C Certifications:	04/27/2023 09:00	04/27/2023 17:40	SMA CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
156-59-2	cis-1,2-Dichloroethylene	ND		ug/L	0.294	0.500	1	EPA 8260C Certifications:	04/27/2023 09:00	04/27/2023 17:40	SMA CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.262	0.500	1	EPA 8260C Certifications:	04/27/2023 09:00	04/27/2023 17:40	SMA CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
124-48-1	Dibromochloromethane	ND		ug/L	0.146	0.500	1	EPA 8260C Certifications:	04/27/2023 09:00	04/27/2023 17:40	SMA CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
74-95-3	Dibromomethane	ND		ug/L	0.203	0.500	1	EPA 8260C Certifications:	04/27/2023 09:00	04/27/2023 17:40	SMA NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.451	0.500	1	EPA 8260C Certifications:	04/27/2023 09:00	04/27/2023 17:40	SMA NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
100-41-4	Ethyl Benzene	ND		ug/L	0.290	0.500	1	EPA 8260C Certifications:	04/27/2023 09:00	04/27/2023 17:40	SMA CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
87-68-3	Hexachlorobutadiene	ND		ug/L	0.241	0.500	1	EPA 8260C Certifications:	04/27/2023 09:00	04/27/2023 17:40	SMA NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
98-82-8	Isopropylbenzene	ND		ug/L	0.405	0.500	1	EPA 8260C Certifications:	04/27/2023 09:00	04/27/2023 17:40	SMA CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI

Sample Information

Client Sample ID: 2010-2C

York Sample ID: 23D1512-07

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23D1512	80 Banks Avenue Rockville Centre 12-190	Ground Water	April 25, 2023 2:28 pm	04/26/2023

VOA, 8260 LOW MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.244	0.500	1	EPA 8260C Certifications:	04/27/2023 09:00	04/27/2023 17:40	SMA CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
75-09-2	Methylene chloride	ND		ug/L	0.397	2.00	1	EPA 8260C Certifications:	04/27/2023 09:00	04/27/2023 17:40	SMA CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
91-20-3	Naphthalene	ND		ug/L	0.212	2.00	1	EPA 8260C Certifications:	04/27/2023 09:00	04/27/2023 17:40	SMA NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
104-51-8	n-Butylbenzene	ND		ug/L	0.399	0.500	1	EPA 8260C Certifications:	04/27/2023 09:00	04/27/2023 17:40	SMA CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
103-65-1	n-Propylbenzene	ND		ug/L	0.384	0.500	1	EPA 8260C Certifications:	04/27/2023 09:00	04/27/2023 17:40	SMA CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
95-47-6	o-Xylene	ND		ug/L	0.261	0.500	1	EPA 8260C Certifications:	04/27/2023 09:00	04/27/2023 17:40	SMA CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP
179601-23-1	p- & m- Xylenes	ND		ug/L	0.578	1.00	1	EPA 8260C Certifications:	04/27/2023 09:00	04/27/2023 17:40	SMA CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP
105-05-5	* p-Diethylbenzene	ND		ug/L	0.341	0.500	1	EPA 8260C Certifications:	04/27/2023 09:00	04/27/2023 17:40	SMA
622-96-8	* p-Ethyltoluene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	04/27/2023 09:00	04/27/2023 17:40	SMA
99-87-6	p-Isopropyltoluene	ND		ug/L	0.377	0.500	1	EPA 8260C Certifications:	04/27/2023 09:00	04/27/2023 17:40	SMA CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
135-98-8	sec-Butylbenzene	ND		ug/L	0.444	0.500	1	EPA 8260C Certifications:	04/27/2023 09:00	04/27/2023 17:40	SMA CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
100-42-5	Styrene	ND		ug/L	0.255	0.500	1	EPA 8260C Certifications:	04/27/2023 09:00	04/27/2023 17:40	SMA CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
98-06-6	tert-Butylbenzene	ND		ug/L	0.367	0.500	1	EPA 8260C Certifications:	04/27/2023 09:00	04/27/2023 17:40	SMA CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
127-18-4	**Tetrachloroethylene**	**0.590**		ug/L	0.239	0.500	1	EPA 8260C Certifications:	04/27/2023 09:00	04/27/2023 17:40	SMA CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PA
108-88-3	Toluene	ND		ug/L	0.346	0.500	1	EPA 8260C Certifications:	04/27/2023 09:00	04/27/2023 17:40	SMA CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.279	0.500	1	EPA 8260C Certifications:	04/27/2023 09:00	04/27/2023 17:40	SMA CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.229	0.500	1	EPA 8260C Certifications:	04/27/2023 09:00	04/27/2023 17:40	SMA CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
79-01-6	Trichloroethylene	ND		ug/L	0.249	0.500	1	EPA 8260C Certifications:	04/27/2023 09:00	04/27/2023 17:40	SMA CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
75-69-4	Trichlorofluoromethane	ND		ug/L	0.337	0.500	1	EPA 8260C Certifications:	04/27/2023 09:00	04/27/2023 17:40	SMA CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
75-01-4	Vinyl Chloride	ND		ug/L	0.469	0.500	1	EPA 8260C Certifications:	04/27/2023 09:00	04/27/2023 17:40	SMA CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
1330-20-7	Xylenes, Total	ND		ug/L	0.836	1.50	1	EPA 8260C Certifications:	04/27/2023 09:00	04/27/2023 17:40	SMA CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: SURR: 1,2-Dichloroethane-d4*	*91.7 %*	*69-130*
2037-26-5	*Surrogate: SURR: Toluene-d8*	*85.9 %*	*81-117*

Sample Information

Client Sample ID: 2010-2C **York Sample ID:** 23D1512-07

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23D1512	80 Banks Avenue Rockville Centre 12-190	Ground Water	April 25, 2023 2:28 pm	04/26/2023

VOA, 8260 LOW MASTER **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
460-00-4	*Surrogate: SURR: p-Bromofluorobenzene*	*89.4 %*			*79-122*						

Sample Information

Client Sample ID: 2010-2D **York Sample ID:** 23D1512-08

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23D1512	80 Banks Avenue Rockville Centre 12-190	Ground Water	April 25, 2023 2:00 pm	04/26/2023

VOA, 8260 LOW MASTER **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/L	0.216	0.500	1	EPA 8260C Certifications:	04/27/2023 09:00	04/27/2023 18:07	SMA CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
71-55-6	**1,1,1-Trichloroethane**	**0.970**		ug/L	0.266	0.500	1	EPA 8260C Certifications:	04/27/2023 09:00	04/27/2023 18:07	SMA CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PA
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.256	0.500	1	EPA 8260C Certifications:	04/27/2023 09:00	04/27/2023 18:07	SMA CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/L	0.286	0.500	1	EPA 8260C Certifications:	04/27/2023 09:00	04/27/2023 18:07	SMA CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.249	0.500	1	EPA 8260C Certifications:	04/27/2023 09:00	04/27/2023 18:07	SMA CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
75-34-3	1,1-Dichloroethane	ND		ug/L	0.272	0.500	1	EPA 8260C Certifications:	04/27/2023 09:00	04/27/2023 18:07	SMA CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
75-35-4	**1,1-Dichloroethylene**	**15.2**		ug/L	0.327	0.500	1	EPA 8260C Certifications:	04/27/2023 09:00	04/27/2023 18:07	SMA CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PA
563-58-6	1,1-Dichloropropylene	ND		ug/L	0.314	0.500	1	EPA 8260C Certifications:	04/27/2023 09:00	04/27/2023 18:07	SMA NELAC-NY10854,NELAC-NY12058,NJDEP
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	0.222	0.500	1	EPA 8260C Certifications:	04/27/2023 09:00	04/27/2023 18:07	SMA NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
96-18-4	1,2,3-Trichloropropane	ND		ug/L	0.273	0.500	1	EPA 8260C Certifications:	04/27/2023 09:00	04/27/2023 18:07	SMA NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
95-93-2	* 1,2,4,5-Tetramethylbenzene	ND		ug/L	0.255	0.500	1	EPA 8260C Certifications:	04/27/2023 09:00	04/27/2023 18:07	SMA
120-82-1	**1,2,4-Trichlorobenzene**	**0.280**	J	ug/L	0.138	0.500	1	EPA 8260C Certifications:	04/27/2023 09:00	04/27/2023 18:07	SMA NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	0.310	0.500	1	EPA 8260C Certifications:	04/27/2023 09:00	04/27/2023 18:07	SMA CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.432	0.500	1	EPA 8260C Certifications:	04/27/2023 09:00	04/27/2023 18:07	SMA CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
106-93-4	1,2-Dibromoethane	ND		ug/L	0.215	0.500	1	EPA 8260C Certifications:	04/27/2023 09:00	04/27/2023 18:07	SMA CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI

Sample Information

Client Sample ID: 2010-2D

York Sample ID: 23D1512-08

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23D1512	80 Banks Avenue Rockville Centre 12-190	Ground Water	April 25, 2023 2:00 pm	04/26/2023

VOA, 8260 LOW MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.270	0.500	1	EPA 8260C Certifications:	04/27/2023 09:00	04/27/2023 18:07	SMA CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
107-06-2	1,2-Dichloroethane	ND		ug/L	0.377	0.500	1	EPA 8260C Certifications:	04/27/2023 09:00	04/27/2023 18:07	SMA CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
78-87-5	1,2-Dichloropropane	ND		ug/L	0.327	0.500	1	EPA 8260C Certifications:	04/27/2023 09:00	04/27/2023 18:07	SMA CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	0.347	0.500	1	EPA 8260C Certifications:	04/27/2023 09:00	04/27/2023 18:07	SMA CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.283	0.500	1	EPA 8260C Certifications:	04/27/2023 09:00	04/27/2023 18:07	SMA CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
142-28-9	1,3-Dichloropropane	ND		ug/L	0.260	0.500	1	EPA 8260C Certifications:	04/27/2023 09:00	04/27/2023 18:07	SMA NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.311	0.500	1	EPA 8260C Certifications:	04/27/2023 09:00	04/27/2023 18:07	SMA CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
594-20-7	2,2-Dichloropropane	ND		ug/L	0.466	0.500	1	EPA 8260C Certifications:	04/27/2023 09:00	04/27/2023 18:07	SMA NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
78-93-3	2-Butanone	ND		ug/L	0.421	0.500	1	EPA 8260C Certifications:	04/27/2023 09:00	04/27/2023 18:07	SMA CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
95-49-8	2-Chlorotoluene	ND		ug/L	0.376	0.500	1	EPA 8260C Certifications:	04/27/2023 09:00	04/27/2023 18:07	SMA CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
591-78-6	2-Hexanone	ND		ug/L	0.320	0.500	1	EPA 8260C Certifications:	04/27/2023 09:00	04/27/2023 18:07	SMA CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
106-43-4	4-Chlorotoluene	ND		ug/L	0.311	0.500	1	EPA 8260C Certifications:	04/27/2023 09:00	04/27/2023 18:07	SMA CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
108-10-1	4-Methyl-2-pentanone	ND		ug/L	0.365	0.500	1	EPA 8260C Certifications:	04/27/2023 09:00	04/27/2023 18:07	SMA CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
67-64-1	Acetone	ND		ug/L	1.34	2.00	1	EPA 8260C Certifications:	04/27/2023 09:00	04/27/2023 18:07	SMA CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
71-43-2	Benzene	ND		ug/L	0.279	0.500	1	EPA 8260C Certifications:	04/27/2023 09:00	04/27/2023 18:07	SMA CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
108-86-1	Bromobenzene	ND		ug/L	0.367	0.500	1	EPA 8260C Certifications:	04/27/2023 09:00	04/27/2023 18:07	SMA NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
74-97-5	Bromochloromethane	ND		ug/L	0.354	0.500	1	EPA 8260C Certifications:	04/27/2023 09:00	04/27/2023 18:07	SMA NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
75-27-4	Bromodichloromethane	ND		ug/L	0.245	0.500	1	EPA 8260C Certifications:	04/27/2023 09:00	04/27/2023 18:07	SMA CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
75-25-2	Bromoform	ND		ug/L	0.163	0.500	1	EPA 8260C Certifications:	04/27/2023 09:00	04/27/2023 18:07	SMA CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
74-83-9	Bromomethane	ND		ug/L	0.119	0.500	1	EPA 8260C Certifications:	04/27/2023 09:00	04/27/2023 18:07	SMA CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
75-15-0	Carbon disulfide	ND		ug/L	0.362	0.500	1	EPA 8260C Certifications:	04/27/2023 09:00	04/27/2023 18:07	SMA CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
56-23-5	Carbon tetrachloride	ND		ug/L	0.204	0.500	1	EPA 8260C Certifications:	04/27/2023 09:00	04/27/2023 18:07	SMA CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
108-90-7	Chlorobenzene	ND		ug/L	0.284	0.500	1	EPA 8260C Certifications:	04/27/2023 09:00	04/27/2023 18:07	SMA CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI

Sample Information

Client Sample ID: 2010-2D

York Sample ID: 23D1512-08

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23D1512	80 Banks Avenue Rockville Centre 12-190	Ground Water	April 25, 2023 2:00 pm	04/26/2023

VOA, 8260 LOW MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
75-00-3	Chloroethane	ND		ug/L	0.448	0.500	1	EPA 8260C Certifications:	04/27/2023 09:00	04/27/2023 18:07	SMA CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
67-66-3	**Chloroform**	**18.9**		ug/L	0.243	0.500	1	EPA 8260C Certifications:	04/27/2023 09:00	04/27/2023 18:07	SMA CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PA
74-87-3	Chloromethane	ND		ug/L	0.372	0.500	1	EPA 8260C Certifications:	04/27/2023 09:00	04/27/2023 18:07	SMA CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
156-59-2	**cis-1,2-Dichloroethylene**	**6230**		ug/L	29.4	50.0	100	EPA 8260C Certifications:	05/01/2023 09:00	05/01/2023 14:33	SMA CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PA
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.262	0.500	1	EPA 8260C Certifications:	04/27/2023 09:00	04/27/2023 18:07	SMA CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
124-48-1	Dibromochloromethane	ND		ug/L	0.146	0.500	1	EPA 8260C Certifications:	04/27/2023 09:00	04/27/2023 18:07	SMA CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
74-95-3	Dibromomethane	ND		ug/L	0.203	0.500	1	EPA 8260C Certifications:	04/27/2023 09:00	04/27/2023 18:07	SMA NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.451	0.500	1	EPA 8260C Certifications:	04/27/2023 09:00	04/27/2023 18:07	SMA NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
100-41-4	Ethyl Benzene	ND		ug/L	0.290	0.500	1	EPA 8260C Certifications:	04/27/2023 09:00	04/27/2023 18:07	SMA CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
87-68-3	Hexachlorobutadiene	ND		ug/L	0.241	0.500	1	EPA 8260C Certifications:	04/27/2023 09:00	04/27/2023 18:07	SMA NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
98-82-8	Isopropylbenzene	ND		ug/L	0.405	0.500	1	EPA 8260C Certifications:	04/27/2023 09:00	04/27/2023 18:07	SMA CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.244	0.500	1	EPA 8260C Certifications:	04/27/2023 09:00	04/27/2023 18:07	SMA CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
75-09-2	**Methylene chloride**	**1.02**	J, B	ug/L	0.397	2.00	1	EPA 8260C Certifications:	04/27/2023 09:00	04/27/2023 18:07	SMA CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PA
91-20-3	Naphthalene	ND		ug/L	0.212	2.00	1	EPA 8260C Certifications:	04/27/2023 09:00	04/27/2023 18:07	SMA NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
104-51-8	n-Butylbenzene	ND		ug/L	0.399	0.500	1	EPA 8260C Certifications:	04/27/2023 09:00	04/27/2023 18:07	SMA CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
103-65-1	n-Propylbenzene	ND		ug/L	0.384	0.500	1	EPA 8260C Certifications:	04/27/2023 09:00	04/27/2023 18:07	SMA CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
95-47-6	o-Xylene	ND		ug/L	0.261	0.500	1	EPA 8260C Certifications:	04/27/2023 09:00	04/27/2023 18:07	SMA CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP
179601-23-1	p- & m- Xylenes	ND		ug/L	0.578	1.00	1	EPA 8260C Certifications:	04/27/2023 09:00	04/27/2023 18:07	SMA CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP
105-05-5	* p-Diethylbenzene	ND		ug/L	0.341	0.500	1	EPA 8260C Certifications:	04/27/2023 09:00	04/27/2023 18:07	SMA
622-96-8	* p-Ethyltoluene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	04/27/2023 09:00	04/27/2023 18:07	SMA
99-87-6	p-Isopropyltoluene	ND		ug/L	0.377	0.500	1	EPA 8260C Certifications:	04/27/2023 09:00	04/27/2023 18:07	SMA CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
135-98-8	sec-Butylbenzene	ND		ug/L	0.444	0.500	1	EPA 8260C Certifications:	04/27/2023 09:00	04/27/2023 18:07	SMA CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
100-42-5	Styrene	ND		ug/L	0.255	0.500	1	EPA 8260C Certifications:	04/27/2023 09:00	04/27/2023 18:07	SMA CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI

Sample Information

Client Sample ID: 2010-2D **York Sample ID:** 23D1512-08

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23D1512	80 Banks Avenue Rockville Centre 12-190	Ground Water	April 25, 2023 2:00 pm	04/26/2023

VOA, 8260 LOW MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
98-06-6	tert-Butylbenzene	ND		ug/L	0.367	0.500	1	EPA 8260C	04/27/2023 09:00	04/27/2023 18:07	SMA
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
127-18-4	**Tetrachloroethylene**	**2040**		ug/L	23.9	50.0	100	EPA 8260C	05/01/2023 09:00	05/01/2023 14:33	SMA
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PA		
108-88-3	Toluene	ND		ug/L	0.346	0.500	1	EPA 8260C	04/27/2023 09:00	04/27/2023 18:07	SMA
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
156-60-5	**trans-1,2-Dichloroethylene**	**43.3**		ug/L	2.79	5.00	10	EPA 8260C	05/01/2023 09:00	05/01/2023 14:03	SMA
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PA		
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.229	0.500	1	EPA 8260C	04/27/2023 09:00	04/27/2023 18:07	SMA
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
79-01-6	**Trichloroethylene**	**2020**		ug/L	24.9	50.0	100	EPA 8260C	05/01/2023 09:00	05/01/2023 14:33	SMA
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PA		
75-69-4	Trichlorofluoromethane	ND		ug/L	0.337	0.500	1	EPA 8260C	04/27/2023 09:00	04/27/2023 18:07	SMA
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
75-01-4	**Vinyl Chloride**	**385**		ug/L	4.69	5.00	10	EPA 8260C	05/01/2023 09:00	05/01/2023 14:03	SMA
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PA		
1330-20-7	Xylenes, Total	ND		ug/L	0.836	1.50	1	EPA 8260C	04/27/2023 09:00	04/27/2023 18:07	SMA
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP		

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: SURR: 1,2-Dichloroethane-d4*	*93.7 %*	*69-130*
2037-26-5	*Surrogate: SURR: Toluene-d8*	*84.2 %*	*81-117*
460-00-4	*Surrogate: SURR: p-Bromofluorobenzene*	*88.6 %*	*79-122*

Sample Information

Client Sample ID: 2020-3A-R **York Sample ID:** 23D1512-09

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23D1512	80 Banks Avenue Rockville Centre 12-190	Ground Water	April 25, 2023 1:40 pm	04/26/2023

VOA, 8260 LOW MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/L	0.216	0.500	1	EPA 8260C	04/28/2023 09:00	04/28/2023 16:38	SMA
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
71-55-6	1,1,1-Trichloroethane	ND		ug/L	0.266	0.500	1	EPA 8260C	04/28/2023 09:00	04/28/2023 16:38	SMA
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.256	0.500	1	EPA 8260C	04/28/2023 09:00	04/28/2023 16:38	SMA
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/L	0.286	0.500	1	EPA 8260C	04/28/2023 09:00	04/28/2023 16:38	SMA
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		

Sample Information

Client Sample ID: 2020-3A-R

York Sample ID: 23D1512-09

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23D1512	80 Banks Avenue Rockville Centre 12-190	Ground Water	April 25, 2023 1:40 pm	04/26/2023

VOA, 8260 LOW MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.249	0.500	1	EPA 8260C Certifications:	04/28/2023 09:00	04/28/2023 16:38	SMA CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
75-34-3	1,1-Dichloroethane	ND		ug/L	0.272	0.500	1	EPA 8260C Certifications:	04/28/2023 09:00	04/28/2023 16:38	SMA CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.327	0.500	1	EPA 8260C Certifications:	04/28/2023 09:00	04/28/2023 16:38	SMA CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
563-58-6	1,1-Dichloropropylene	ND		ug/L	0.314	0.500	1	EPA 8260C Certifications:	04/28/2023 09:00	04/28/2023 16:38	SMA NELAC-NY10854,NELAC-NY12058,NJDEP
87-61-6	1,2,3-Trichlorobenzene	ND	CCVE	ug/L	0.222	0.500	1	EPA 8260C Certifications:	04/28/2023 09:00	04/28/2023 16:38	SMA NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
96-18-4	1,2,3-Trichloropropane	ND		ug/L	0.273	0.500	1	EPA 8260C Certifications:	04/28/2023 09:00	04/28/2023 16:38	SMA NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
95-93-2	* 1,2,4,5-Tetramethylbenzene	ND	QL-02	ug/L	0.255	0.500	1	EPA 8260C Certifications:	04/28/2023 09:00	04/28/2023 16:38	SMA
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.138	0.500	1	EPA 8260C Certifications:	04/28/2023 09:00	04/28/2023 16:38	SMA NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
95-63-6	**1,2,4-Trimethylbenzene**	**0.310**	J	ug/L	0.310	0.500	1	EPA 8260C Certifications:	04/28/2023 09:00	04/28/2023 16:38	SMA CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PA
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.432	0.500	1	EPA 8260C Certifications:	04/28/2023 09:00	04/28/2023 16:38	SMA CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
106-93-4	1,2-Dibromoethane	ND		ug/L	0.215	0.500	1	EPA 8260C Certifications:	04/28/2023 09:00	04/28/2023 16:38	SMA CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.270	0.500	1	EPA 8260C Certifications:	04/28/2023 09:00	04/28/2023 16:38	SMA CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
107-06-2	1,2-Dichloroethane	ND		ug/L	0.377	0.500	1	EPA 8260C Certifications:	04/28/2023 09:00	04/28/2023 16:38	SMA CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
78-87-5	1,2-Dichloropropane	ND		ug/L	0.327	0.500	1	EPA 8260C Certifications:	04/28/2023 09:00	04/28/2023 16:38	SMA CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	0.347	0.500	1	EPA 8260C Certifications:	04/28/2023 09:00	04/28/2023 16:38	SMA CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.283	0.500	1	EPA 8260C Certifications:	04/28/2023 09:00	04/28/2023 16:38	SMA CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
142-28-9	1,3-Dichloropropane	ND		ug/L	0.260	0.500	1	EPA 8260C Certifications:	04/28/2023 09:00	04/28/2023 16:38	SMA NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.311	0.500	1	EPA 8260C Certifications:	04/28/2023 09:00	04/28/2023 16:38	SMA CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
594-20-7	2,2-Dichloropropane	ND		ug/L	0.466	0.500	1	EPA 8260C Certifications:	04/28/2023 09:00	04/28/2023 16:38	SMA NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
78-93-3	2-Butanone	ND		ug/L	0.421	0.500	1	EPA 8260C Certifications:	04/28/2023 09:00	04/28/2023 16:38	SMA CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
95-49-8	2-Chlorotoluene	ND		ug/L	0.376	0.500	1	EPA 8260C Certifications:	04/28/2023 09:00	04/28/2023 16:38	SMA CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
591-78-6	2-Hexanone	ND		ug/L	0.320	0.500	1	EPA 8260C Certifications:	04/28/2023 09:00	04/28/2023 16:38	SMA CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
106-43-4	4-Chlorotoluene	ND		ug/L	0.311	0.500	1	EPA 8260C Certifications:	04/28/2023 09:00	04/28/2023 16:38	SMA CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI

Sample Information

Client Sample ID: 2020-3A-R

York Sample ID: 23D1512-09

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23D1512	80 Banks Avenue Rockville Centre 12-190	Ground Water	April 25, 2023 1:40 pm	04/26/2023

VOA, 8260 LOW MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
108-10-1	4-Methyl-2-pentanone	ND		ug/L	0.365	0.500	1	EPA 8260C Certifications:	04/28/2023 09:00	04/28/2023 16:38	SMA CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
67-64-1	Acetone	ND		ug/L	1.34	2.00	1	EPA 8260C Certifications:	04/28/2023 09:00	04/28/2023 16:38	SMA CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
71-43-2	Benzene	ND		ug/L	0.279	0.500	1	EPA 8260C Certifications:	04/28/2023 09:00	04/28/2023 16:38	SMA CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
108-86-1	Bromobenzene	ND		ug/L	0.367	0.500	1	EPA 8260C Certifications:	04/28/2023 09:00	04/28/2023 16:38	SMA NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
74-97-5	Bromochloromethane	ND		ug/L	0.354	0.500	1	EPA 8260C Certifications:	04/28/2023 09:00	04/28/2023 16:38	SMA NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
75-27-4	Bromodichloromethane	ND		ug/L	0.245	0.500	1	EPA 8260C Certifications:	04/28/2023 09:00	04/28/2023 16:38	SMA CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
75-25-2	Bromoform	ND		ug/L	0.163	0.500	1	EPA 8260C Certifications:	04/28/2023 09:00	04/28/2023 16:38	SMA CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
74-83-9	Bromomethane	ND	CCVE	ug/L	0.119	0.500	1	EPA 8260C Certifications:	04/28/2023 09:00	04/28/2023 16:38	SMA CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
75-15-0	Carbon disulfide	ND		ug/L	0.362	0.500	1	EPA 8260C Certifications:	04/28/2023 09:00	04/28/2023 16:38	SMA CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
56-23-5	Carbon tetrachloride	ND		ug/L	0.204	0.500	1	EPA 8260C Certifications:	04/28/2023 09:00	04/28/2023 16:38	SMA CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
108-90-7	Chlorobenzene	ND		ug/L	0.284	0.500	1	EPA 8260C Certifications:	04/28/2023 09:00	04/28/2023 16:38	SMA CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
75-00-3	Chloroethane	ND		ug/L	0.448	0.500	1	EPA 8260C Certifications:	04/28/2023 09:00	04/28/2023 16:38	SMA CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
67-66-3	Chloroform	ND		ug/L	0.243	0.500	1	EPA 8260C Certifications:	04/28/2023 09:00	04/28/2023 16:38	SMA CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
74-87-3	Chloromethane	ND		ug/L	0.372	0.500	1	EPA 8260C Certifications:	04/28/2023 09:00	04/28/2023 16:38	SMA CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
156-59-2	cis-1,2-Dichloroethylene	ND		ug/L	0.294	0.500	1	EPA 8260C Certifications:	04/28/2023 09:00	04/28/2023 16:38	SMA CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.262	0.500	1	EPA 8260C Certifications:	04/28/2023 09:00	04/28/2023 16:38	SMA CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
124-48-1	Dibromochloromethane	ND		ug/L	0.146	0.500	1	EPA 8260C Certifications:	04/28/2023 09:00	04/28/2023 16:38	SMA CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
74-95-3	Dibromomethane	ND		ug/L	0.203	0.500	1	EPA 8260C Certifications:	04/28/2023 09:00	04/28/2023 16:38	SMA NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.451	0.500	1	EPA 8260C Certifications:	04/28/2023 09:00	04/28/2023 16:38	SMA NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
100-41-4	Ethyl Benzene	ND		ug/L	0.290	0.500	1	EPA 8260C Certifications:	04/28/2023 09:00	04/28/2023 16:38	SMA CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
87-68-3	Hexachlorobutadiene	ND		ug/L	0.241	0.500	1	EPA 8260C Certifications:	04/28/2023 09:00	04/28/2023 16:38	SMA NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
98-82-8	Isopropylbenzene	ND		ug/L	0.405	0.500	1	EPA 8260C Certifications:	04/28/2023 09:00	04/28/2023 16:38	SMA CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.244	0.500	1	EPA 8260C Certifications:	04/28/2023 09:00	04/28/2023 16:38	SMA CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI

Sample Information

Client Sample ID: 2020-3A-R

York Sample ID: 23D1512-09

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23D1512	80 Banks Avenue Rockville Centre 12-190	Ground Water	April 25, 2023 1:40 pm	04/26/2023

VOA, 8260 LOW MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
75-09-2	Methylene chloride	ND		ug/L	0.397	2.00	1	EPA 8260C Certifications:	04/28/2023 09:00	04/28/2023 16:38	SMA CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
91-20-3	**Naphthalene**	**0.240**	CCVE, J	ug/L	0.212	2.00	1	EPA 8260C Certifications:	04/28/2023 09:00	04/28/2023 16:38	SMA NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
104-51-8	n-Butylbenzene	ND	CCVE, QL-02	ug/L	0.399	0.500	1	EPA 8260C Certifications:	04/28/2023 09:00	04/28/2023 16:38	SMA CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
103-65-1	n-Propylbenzene	ND		ug/L	0.384	0.500	1	EPA 8260C Certifications:	04/28/2023 09:00	04/28/2023 16:38	SMA CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
95-47-6	o-Xylene	ND		ug/L	0.261	0.500	1	EPA 8260C Certifications:	04/28/2023 09:00	04/28/2023 16:38	SMA CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP
179601-23-1	p- & m- Xylenes	ND		ug/L	0.578	1.00	1	EPA 8260C Certifications:	04/28/2023 09:00	04/28/2023 16:38	SMA CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP
105-05-5	* p-Diethylbenzene	ND		ug/L	0.341	0.500	1	EPA 8260C Certifications:	04/28/2023 09:00	04/28/2023 16:38	SMA
622-96-8	* p-Ethyltoluene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	04/28/2023 09:00	04/28/2023 16:38	SMA
99-87-6	p-Isopropyltoluene	ND		ug/L	0.377	0.500	1	EPA 8260C Certifications:	04/28/2023 09:00	04/28/2023 16:38	SMA CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
135-98-8	sec-Butylbenzene	ND		ug/L	0.444	0.500	1	EPA 8260C Certifications:	04/28/2023 09:00	04/28/2023 16:38	SMA CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
100-42-5	Styrene	ND		ug/L	0.255	0.500	1	EPA 8260C Certifications:	04/28/2023 09:00	04/28/2023 16:38	SMA CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
98-06-6	tert-Butylbenzene	ND		ug/L	0.367	0.500	1	EPA 8260C Certifications:	04/28/2023 09:00	04/28/2023 16:38	SMA CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
127-18-4	Tetrachloroethylene	ND	CCVE, QL-02	ug/L	0.239	0.500	1	EPA 8260C Certifications:	04/28/2023 09:00	04/28/2023 16:38	SMA CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
108-88-3	Toluene	ND		ug/L	0.346	0.500	1	EPA 8260C Certifications:	04/28/2023 09:00	04/28/2023 16:38	SMA CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.279	0.500	1	EPA 8260C Certifications:	04/28/2023 09:00	04/28/2023 16:38	SMA CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.229	0.500	1	EPA 8260C Certifications:	04/28/2023 09:00	04/28/2023 16:38	SMA CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
79-01-6	Trichloroethylene	ND	CCVE, QL-02	ug/L	0.249	0.500	1	EPA 8260C Certifications:	04/28/2023 09:00	04/28/2023 16:38	SMA CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
75-69-4	Trichlorofluoromethane	ND		ug/L	0.337	0.500	1	EPA 8260C Certifications:	04/28/2023 09:00	04/28/2023 16:38	SMA CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
75-01-4	Vinyl Chloride	ND		ug/L	0.469	0.500	1	EPA 8260C Certifications:	04/28/2023 09:00	04/28/2023 16:38	SMA CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
1330-20-7	Xylenes, Total	ND		ug/L	0.836	1.50	1	EPA 8260C Certifications:	04/28/2023 09:00	04/28/2023 16:38	SMA CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: SURR: 1,2-Dichloroethane-d4*	*101 %*	*69-130*
2037-26-5	*Surrogate: SURR: Toluene-d8*	*96.7 %*	*81-117*
460-00-4	*Surrogate: SURR: p-Bromofluorobenzene*	*99.5 %*	*79-122*

Sample Information

Client Sample ID: 2020-3BR

York Sample ID: 23D1512-10

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23D1512	80 Banks Avenue Rockville Centre 12-190	Ground Water	April 25, 2023 1:50 pm	04/26/2023

VOA, 8260 LOW MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/L	0.216	0.500	1	EPA 8260C Certifications:	05/02/2023 09:00	05/02/2023 13:48	SMA CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
71-55-6	1,1,1-Trichloroethane	ND		ug/L	0.266	0.500	1	EPA 8260C Certifications:	05/02/2023 09:00	05/02/2023 13:48	SMA CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.256	0.500	1	EPA 8260C Certifications:	05/02/2023 09:00	05/02/2023 13:48	SMA CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/L	0.286	0.500	1	EPA 8260C Certifications:	05/02/2023 09:00	05/02/2023 13:48	SMA CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.249	0.500	1	EPA 8260C Certifications:	05/02/2023 09:00	05/02/2023 13:48	SMA CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
75-34-3	1,1-Dichloroethane	ND		ug/L	0.272	0.500	1	EPA 8260C Certifications:	05/02/2023 09:00	05/02/2023 13:48	SMA CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.327	0.500	1	EPA 8260C Certifications:	05/02/2023 09:00	05/02/2023 13:48	SMA CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
563-58-6	1,1-Dichloropropylene	ND		ug/L	0.314	0.500	1	EPA 8260C Certifications:	05/02/2023 09:00	05/02/2023 13:48	SMA NELAC-NY10854,NELAC-NY12058,NJDEP
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	0.222	0.500	1	EPA 8260C Certifications:	05/02/2023 09:00	05/02/2023 13:48	SMA NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
96-18-4	1,2,3-Trichloropropane	ND		ug/L	0.273	0.500	1	EPA 8260C Certifications:	05/02/2023 09:00	05/02/2023 13:48	SMA NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
95-93-2	* 1,2,4,5-Tetramethylbenzene	ND		ug/L	0.255	0.500	1	EPA 8260C Certifications:	05/02/2023 09:00	05/02/2023 13:48	SMA
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.138	0.500	1	EPA 8260C Certifications:	05/02/2023 09:00	05/02/2023 13:48	SMA NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	0.310	0.500	1	EPA 8260C Certifications:	05/02/2023 09:00	05/02/2023 13:48	SMA CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.432	0.500	1	EPA 8260C Certifications:	05/02/2023 09:00	05/02/2023 13:48	SMA CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
106-93-4	1,2-Dibromoethane	ND		ug/L	0.215	0.500	1	EPA 8260C Certifications:	05/02/2023 09:00	05/02/2023 13:48	SMA CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.270	0.500	1	EPA 8260C Certifications:	05/02/2023 09:00	05/02/2023 13:48	SMA CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
107-06-2	1,2-Dichloroethane	ND		ug/L	0.377	0.500	1	EPA 8260C Certifications:	05/02/2023 09:00	05/02/2023 13:48	SMA CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
78-87-5	1,2-Dichloropropane	ND		ug/L	0.327	0.500	1	EPA 8260C Certifications:	05/02/2023 09:00	05/02/2023 13:48	SMA CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	0.347	0.500	1	EPA 8260C Certifications:	05/02/2023 09:00	05/02/2023 13:48	SMA CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.283	0.500	1	EPA 8260C Certifications:	05/02/2023 09:00	05/02/2023 13:48	SMA CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
142-28-9	1,3-Dichloropropane	ND		ug/L	0.260	0.500	1	EPA 8260C Certifications:	05/02/2023 09:00	05/02/2023 13:48	SMA NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.311	0.500	1	EPA 8260C Certifications:	05/02/2023 09:00	05/02/2023 13:48	SMA CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
594-20-7	2,2-Dichloropropane	ND		ug/L	0.466	0.500	1	EPA 8260C Certifications:	05/02/2023 09:00	05/02/2023 13:48	SMA NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP

Sample Information

Client Sample ID: 2020-3BR

York Sample ID: 23D1512-10

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23D1512	80 Banks Avenue Rockville Centre 12-190	Ground Water	April 25, 2023 1:50 pm	04/26/2023

VOA, 8260 LOW MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
78-93-3	2-Butanone	ND		ug/L	0.421	0.500	1	EPA 8260C Certifications:	05/02/2023 09:00	05/02/2023 13:48	SMA CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
95-49-8	2-Chlorotoluene	ND		ug/L	0.376	0.500	1	EPA 8260C Certifications:	05/02/2023 09:00	05/02/2023 13:48	SMA CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
591-78-6	2-Hexanone	ND		ug/L	0.320	0.500	1	EPA 8260C Certifications:	05/02/2023 09:00	05/02/2023 13:48	SMA CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
106-43-4	4-Chlorotoluene	ND		ug/L	0.311	0.500	1	EPA 8260C Certifications:	05/02/2023 09:00	05/02/2023 13:48	SMA CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
108-10-1	4-Methyl-2-pentanone	ND		ug/L	0.365	0.500	1	EPA 8260C Certifications:	05/02/2023 09:00	05/02/2023 13:48	SMA CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
67-64-1	Acetone	ND		ug/L	1.34	2.00	1	EPA 8260C Certifications:	05/02/2023 09:00	05/02/2023 13:48	SMA CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
71-43-2	Benzene	ND		ug/L	0.279	0.500	1	EPA 8260C Certifications:	05/02/2023 09:00	05/02/2023 13:48	SMA CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
108-86-1	Bromobenzene	ND		ug/L	0.367	0.500	1	EPA 8260C Certifications:	05/02/2023 09:00	05/02/2023 13:48	SMA NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
74-97-5	Bromochloromethane	ND		ug/L	0.354	0.500	1	EPA 8260C Certifications:	05/02/2023 09:00	05/02/2023 13:48	SMA NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
75-27-4	Bromodichloromethane	ND		ug/L	0.245	0.500	1	EPA 8260C Certifications:	05/02/2023 09:00	05/02/2023 13:48	SMA CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
75-25-2	Bromoform	ND		ug/L	0.163	0.500	1	EPA 8260C Certifications:	05/02/2023 09:00	05/02/2023 13:48	SMA CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
74-83-9	Bromomethane	ND		ug/L	0.119	0.500	1	EPA 8260C Certifications:	05/02/2023 09:00	05/02/2023 13:48	SMA CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
75-15-0	Carbon disulfide	ND		ug/L	0.362	0.500	1	EPA 8260C Certifications:	05/02/2023 09:00	05/02/2023 13:48	SMA CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
56-23-5	Carbon tetrachloride	ND		ug/L	0.204	0.500	1	EPA 8260C Certifications:	05/02/2023 09:00	05/02/2023 13:48	SMA CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
108-90-7	Chlorobenzene	ND		ug/L	0.284	0.500	1	EPA 8260C Certifications:	05/02/2023 09:00	05/02/2023 13:48	SMA CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
75-00-3	Chloroethane	ND		ug/L	0.448	0.500	1	EPA 8260C Certifications:	05/02/2023 09:00	05/02/2023 13:48	SMA CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
67-66-3	Chloroform	ND		ug/L	0.243	0.500	1	EPA 8260C Certifications:	05/02/2023 09:00	05/02/2023 13:48	SMA CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
74-87-3	Chloromethane	ND		ug/L	0.372	0.500	1	EPA 8260C Certifications:	05/02/2023 09:00	05/02/2023 13:48	SMA CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
156-59-2	**cis-1,2-Dichloroethylene**	**4.79**		ug/L	0.294	0.500	1	EPA 8260C Certifications:	05/02/2023 09:00	05/02/2023 13:48	SMA CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PA
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.262	0.500	1	EPA 8260C Certifications:	05/02/2023 09:00	05/02/2023 13:48	SMA CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
124-48-1	Dibromochloromethane	ND		ug/L	0.146	0.500	1	EPA 8260C Certifications:	05/02/2023 09:00	05/02/2023 13:48	SMA CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
74-95-3	Dibromomethane	ND		ug/L	0.203	0.500	1	EPA 8260C Certifications:	05/02/2023 09:00	05/02/2023 13:48	SMA NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.451	0.500	1	EPA 8260C Certifications:	05/02/2023 09:00	05/02/2023 13:48	SMA NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP

Sample Information

Client Sample ID: 2020-3BR

York Sample ID: 23D1512-10

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23D1512	80 Banks Avenue Rockville Centre 12-190	Ground Water	April 25, 2023 1:50 pm	04/26/2023

VOA, 8260 LOW MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
100-41-4	Ethyl Benzene	ND		ug/L	0.290	0.500	1	EPA 8260C Certifications:	05/02/2023 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	05/02/2023 13:48	SMA
87-68-3	Hexachlorobutadiene	ND		ug/L	0.241	0.500	1	EPA 8260C Certifications:	05/02/2023 09:00 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/02/2023 13:48	SMA
98-82-8	Isopropylbenzene	ND		ug/L	0.405	0.500	1	EPA 8260C Certifications:	05/02/2023 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	05/02/2023 13:48	SMA
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.244	0.500	1	EPA 8260C Certifications:	05/02/2023 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	05/02/2023 13:48	SMA
75-09-2	**Methylene chloride**	**1.69**	J	ug/L	0.397	2.00	1	EPA 8260C Certifications:	05/02/2023 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PA	05/02/2023 13:48	SMA
91-20-3	Naphthalene	ND		ug/L	0.212	2.00	1	EPA 8260C Certifications:	05/02/2023 09:00 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/02/2023 13:48	SMA
104-51-8	n-Butylbenzene	ND		ug/L	0.399	0.500	1	EPA 8260C Certifications:	05/02/2023 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	05/02/2023 13:48	SMA
103-65-1	n-Propylbenzene	ND		ug/L	0.384	0.500	1	EPA 8260C Certifications:	05/02/2023 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	05/02/2023 13:48	SMA
95-47-6	o-Xylene	ND		ug/L	0.261	0.500	1	EPA 8260C Certifications:	05/02/2023 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP	05/02/2023 13:48	SMA
179601-23-1	p- & m- Xylenes	ND		ug/L	0.578	1.00	1	EPA 8260C Certifications:	05/02/2023 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP	05/02/2023 13:48	SMA
105-05-5	* p-Diethylbenzene	ND		ug/L	0.341	0.500	1	EPA 8260C Certifications:	05/02/2023 09:00	05/02/2023 13:48	SMA
622-96-8	* p-Ethyltoluene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	05/02/2023 09:00	05/02/2023 13:48	SMA
99-87-6	p-Isopropyltoluene	ND		ug/L	0.377	0.500	1	EPA 8260C Certifications:	05/02/2023 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	05/02/2023 13:48	SMA
135-98-8	sec-Butylbenzene	ND		ug/L	0.444	0.500	1	EPA 8260C Certifications:	05/02/2023 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	05/02/2023 13:48	SMA
100-42-5	Styrene	ND		ug/L	0.255	0.500	1	EPA 8260C Certifications:	05/02/2023 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	05/02/2023 13:48	SMA
98-06-6	tert-Butylbenzene	ND		ug/L	0.367	0.500	1	EPA 8260C Certifications:	05/02/2023 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	05/02/2023 13:48	SMA
127-18-4	**Tetrachloroethylene**	**0.780**		ug/L	0.239	0.500	1	EPA 8260C Certifications:	05/02/2023 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PA	05/02/2023 13:48	SMA
108-88-3	Toluene	ND		ug/L	0.346	0.500	1	EPA 8260C Certifications:	05/02/2023 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	05/02/2023 13:48	SMA
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.279	0.500	1	EPA 8260C Certifications:	05/02/2023 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	05/02/2023 13:48	SMA
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.229	0.500	1	EPA 8260C Certifications:	05/02/2023 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	05/02/2023 13:48	SMA
79-01-6	Trichloroethylene	ND		ug/L	0.249	0.500	1	EPA 8260C Certifications:	05/02/2023 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	05/02/2023 13:48	SMA
75-69-4	Trichlorofluoromethane	ND		ug/L	0.337	0.500	1	EPA 8260C Certifications:	05/02/2023 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	05/02/2023 13:48	SMA
75-01-4	**Vinyl Chloride**	**1.87**		ug/L	0.469	0.500	1	EPA 8260C Certifications:	05/02/2023 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PA	05/02/2023 13:48	SMA

Sample Information

Client Sample ID: 2020-3BR **York Sample ID:** 23D1512-10

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23D1512	80 Banks Avenue Rockville Centre 12-190	Ground Water	April 25, 2023 1:50 pm	04/26/2023

VOA, 8260 LOW MASTER **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
1330-20-7	Xylenes, Total	ND		ug/L	0.836	1.50	1	EPA 8260C Certifications:	05/02/2023 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP	05/02/2023 13:48	SMA

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: SURR: 1,2-Dichloroethane-d4*	*105 %*	*69-130*
2037-26-5	*Surrogate: SURR: Toluene-d8*	*94.2 %*	*81-117*
460-00-4	*Surrogate: SURR: p-Bromofluorobenzene*	*90.8 %*	*79-122*

Sample Information

Client Sample ID: 2020-3CR **York Sample ID:** 23D1512-11

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23D1512	80 Banks Avenue Rockville Centre 12-190	Ground Water	April 25, 2023 1:25 pm	04/26/2023

VOA, 8260 LOW MASTER **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/L	0.216	0.500	1	EPA 8260C Certifications:	05/01/2023 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	05/01/2023 15:32	SMA
71-55-6	1,1,1-Trichloroethane	ND		ug/L	0.266	0.500	1	EPA 8260C Certifications:	05/01/2023 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	05/01/2023 15:32	SMA
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.256	0.500	1	EPA 8260C Certifications:	05/01/2023 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	05/01/2023 15:32	SMA
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/L	0.286	0.500	1	EPA 8260C Certifications:	05/01/2023 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	05/01/2023 15:32	SMA
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.249	0.500	1	EPA 8260C Certifications:	05/01/2023 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	05/01/2023 15:32	SMA
75-34-3	1,1-Dichloroethane	ND		ug/L	0.272	0.500	1	EPA 8260C Certifications:	05/01/2023 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	05/01/2023 15:32	SMA
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.327	0.500	1	EPA 8260C Certifications:	05/01/2023 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	05/01/2023 15:32	SMA
563-58-6	1,1-Dichloropropylene	ND		ug/L	0.314	0.500	1	EPA 8260C Certifications:	05/01/2023 09:00 NELAC-NY10854,NELAC-NY12058,NJDEP	05/01/2023 15:32	SMA
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	0.222	0.500	1	EPA 8260C Certifications:	05/01/2023 09:00 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/01/2023 15:32	SMA
96-18-4	1,2,3-Trichloropropane	ND		ug/L	0.273	0.500	1	EPA 8260C Certifications:	05/01/2023 09:00 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/01/2023 15:32	SMA
95-93-2	* 1,2,4,5-Tetramethylbenzene	ND		ug/L	0.255	0.500	1	EPA 8260C Certifications:	05/01/2023 09:00	05/01/2023 15:32	SMA
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.138	0.500	1	EPA 8260C Certifications:	05/01/2023 09:00 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/01/2023 15:32	SMA

Sample Information

Client Sample ID: 2020-3CR

York Sample ID: 23D1512-11

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23D1512	80 Banks Avenue Rockville Centre 12-190	Ground Water	April 25, 2023 1:25 pm	04/26/2023

VOA, 8260 LOW MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	0.310	0.500	1	EPA 8260C Certifications:	05/01/2023 09:00	05/01/2023 15:32	SMA CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.432	0.500	1	EPA 8260C Certifications:	05/01/2023 09:00	05/01/2023 15:32	SMA CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
106-93-4	1,2-Dibromoethane	ND		ug/L	0.215	0.500	1	EPA 8260C Certifications:	05/01/2023 09:00	05/01/2023 15:32	SMA CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.270	0.500	1	EPA 8260C Certifications:	05/01/2023 09:00	05/01/2023 15:32	SMA CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
107-06-2	1,2-Dichloroethane	ND		ug/L	0.377	0.500	1	EPA 8260C Certifications:	05/01/2023 09:00	05/01/2023 15:32	SMA CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
78-87-5	1,2-Dichloropropane	ND		ug/L	0.327	0.500	1	EPA 8260C Certifications:	05/01/2023 09:00	05/01/2023 15:32	SMA CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	0.347	0.500	1	EPA 8260C Certifications:	05/01/2023 09:00	05/01/2023 15:32	SMA CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.283	0.500	1	EPA 8260C Certifications:	05/01/2023 09:00	05/01/2023 15:32	SMA CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
142-28-9	1,3-Dichloropropane	ND		ug/L	0.260	0.500	1	EPA 8260C Certifications:	05/01/2023 09:00	05/01/2023 15:32	SMA NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.311	0.500	1	EPA 8260C Certifications:	05/01/2023 09:00	05/01/2023 15:32	SMA CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
594-20-7	2,2-Dichloropropane	ND		ug/L	0.466	0.500	1	EPA 8260C Certifications:	05/01/2023 09:00	05/01/2023 15:32	SMA NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
78-93-3	2-Butanone	ND		ug/L	0.421	0.500	1	EPA 8260C Certifications:	05/01/2023 09:00	05/01/2023 15:32	SMA CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
95-49-8	2-Chlorotoluene	ND		ug/L	0.376	0.500	1	EPA 8260C Certifications:	05/01/2023 09:00	05/01/2023 15:32	SMA CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
591-78-6	2-Hexanone	ND		ug/L	0.320	0.500	1	EPA 8260C Certifications:	05/01/2023 09:00	05/01/2023 15:32	SMA CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
106-43-4	4-Chlorotoluene	ND		ug/L	0.311	0.500	1	EPA 8260C Certifications:	05/01/2023 09:00	05/01/2023 15:32	SMA CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
108-10-1	4-Methyl-2-pentanone	ND		ug/L	0.365	0.500	1	EPA 8260C Certifications:	05/01/2023 09:00	05/01/2023 15:32	SMA CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
67-64-1	Acetone	ND		ug/L	1.34	2.00	1	EPA 8260C Certifications:	05/01/2023 09:00	05/01/2023 15:32	SMA CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
71-43-2	Benzene	ND		ug/L	0.279	0.500	1	EPA 8260C Certifications:	05/01/2023 09:00	05/01/2023 15:32	SMA CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
108-86-1	Bromobenzene	ND		ug/L	0.367	0.500	1	EPA 8260C Certifications:	05/01/2023 09:00	05/01/2023 15:32	SMA NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
74-97-5	Bromochloromethane	ND		ug/L	0.354	0.500	1	EPA 8260C Certifications:	05/01/2023 09:00	05/01/2023 15:32	SMA NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
75-27-4	Bromodichloromethane	ND		ug/L	0.245	0.500	1	EPA 8260C Certifications:	05/01/2023 09:00	05/01/2023 15:32	SMA CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
75-25-2	Bromoform	ND		ug/L	0.163	0.500	1	EPA 8260C Certifications:	05/01/2023 09:00	05/01/2023 15:32	SMA CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
74-83-9	Bromomethane	ND		ug/L	0.119	0.500	1	EPA 8260C Certifications:	05/01/2023 09:00	05/01/2023 15:32	SMA CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI

Sample Information

Client Sample ID: 2020-3CR

York Sample ID: 23D1512-11

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23D1512	80 Banks Avenue Rockville Centre 12-190	Ground Water	April 25, 2023 1:25 pm	04/26/2023

VOA, 8260 LOW MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
75-15-0	Carbon disulfide	ND		ug/L	0.362	0.500	1	EPA 8260C Certifications:	05/01/2023 09:00	05/01/2023 15:32	SMA CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
56-23-5	Carbon tetrachloride	ND		ug/L	0.204	0.500	1	EPA 8260C Certifications:	05/01/2023 09:00	05/01/2023 15:32	SMA CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
108-90-7	Chlorobenzene	ND		ug/L	0.284	0.500	1	EPA 8260C Certifications:	05/01/2023 09:00	05/01/2023 15:32	SMA CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
75-00-3	Chloroethane	ND		ug/L	0.448	0.500	1	EPA 8260C Certifications:	05/01/2023 09:00	05/01/2023 15:32	SMA CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
67-66-3	Chloroform	ND		ug/L	0.243	0.500	1	EPA 8260C Certifications:	05/01/2023 09:00	05/01/2023 15:32	SMA CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
74-87-3	Chloromethane	ND		ug/L	0.372	0.500	1	EPA 8260C Certifications:	05/01/2023 09:00	05/01/2023 15:32	SMA CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
156-59-2	**cis-1,2-Dichloroethylene**	**2.29**		ug/L	0.294	0.500	1	EPA 8260C Certifications:	05/01/2023 09:00	05/01/2023 15:32	SMA CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PA
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.262	0.500	1	EPA 8260C Certifications:	05/01/2023 09:00	05/01/2023 15:32	SMA CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
124-48-1	Dibromochloromethane	ND		ug/L	0.146	0.500	1	EPA 8260C Certifications:	05/01/2023 09:00	05/01/2023 15:32	SMA CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
74-95-3	Dibromomethane	ND		ug/L	0.203	0.500	1	EPA 8260C Certifications:	05/01/2023 09:00	05/01/2023 15:32	SMA NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.451	0.500	1	EPA 8260C Certifications:	05/01/2023 09:00	05/01/2023 15:32	SMA NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
100-41-4	Ethyl Benzene	ND		ug/L	0.290	0.500	1	EPA 8260C Certifications:	05/01/2023 09:00	05/01/2023 15:32	SMA CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
87-68-3	Hexachlorobutadiene	ND		ug/L	0.241	0.500	1	EPA 8260C Certifications:	05/01/2023 09:00	05/01/2023 15:32	SMA NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
98-82-8	Isopropylbenzene	ND		ug/L	0.405	0.500	1	EPA 8260C Certifications:	05/01/2023 09:00	05/01/2023 15:32	SMA CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.244	0.500	1	EPA 8260C Certifications:	05/01/2023 09:00	05/01/2023 15:32	SMA CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
75-09-2	**Methylene chloride**	**0.450**	J	ug/L	0.397	2.00	1	EPA 8260C Certifications:	05/01/2023 09:00	05/01/2023 15:32	SMA CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PA
91-20-3	Naphthalene	ND		ug/L	0.212	2.00	1	EPA 8260C Certifications:	05/01/2023 09:00	05/01/2023 15:32	SMA NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
104-51-8	n-Butylbenzene	ND		ug/L	0.399	0.500	1	EPA 8260C Certifications:	05/01/2023 09:00	05/01/2023 15:32	SMA CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
103-65-1	n-Propylbenzene	ND		ug/L	0.384	0.500	1	EPA 8260C Certifications:	05/01/2023 09:00	05/01/2023 15:32	SMA CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
95-47-6	o-Xylene	ND		ug/L	0.261	0.500	1	EPA 8260C Certifications:	05/01/2023 09:00	05/01/2023 15:32	SMA CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP
179601-23-1	p- & m- Xylenes	ND		ug/L	0.578	1.00	1	EPA 8260C Certifications:	05/01/2023 09:00	05/01/2023 15:32	SMA CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP
105-05-5	* p-Diethylbenzene	ND		ug/L	0.341	0.500	1	EPA 8260C Certifications:	05/01/2023 09:00	05/01/2023 15:32	SMA
622-96-8	* p-Ethyltoluene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	05/01/2023 09:00	05/01/2023 15:32	SMA

Sample Information

Client Sample ID: 2020-3CR **York Sample ID:** 23D1512-11

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23D1512	80 Banks Avenue Rockville Centre 12-190	Ground Water	April 25, 2023 1:25 pm	04/26/2023

VOA, 8260 LOW MASTER **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
99-87-6	p-Isopropyltoluene	ND		ug/L	0.377	0.500	1	EPA 8260C Certifications:	05/01/2023 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	05/01/2023 15:32	SMA
135-98-8	sec-Butylbenzene	ND		ug/L	0.444	0.500	1	EPA 8260C Certifications:	05/01/2023 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	05/01/2023 15:32	SMA
100-42-5	Styrene	ND		ug/L	0.255	0.500	1	EPA 8260C Certifications:	05/01/2023 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	05/01/2023 15:32	SMA
98-06-6	tert-Butylbenzene	ND		ug/L	0.367	0.500	1	EPA 8260C Certifications:	05/01/2023 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	05/01/2023 15:32	SMA
127-18-4	**Tetrachloroethylene**	**0.620**		ug/L	0.239	0.500	1	EPA 8260C Certifications:	05/01/2023 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PA	05/01/2023 15:32	SMA
108-88-3	Toluene	ND		ug/L	0.346	0.500	1	EPA 8260C Certifications:	05/01/2023 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	05/01/2023 15:32	SMA
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.279	0.500	1	EPA 8260C Certifications:	05/01/2023 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	05/01/2023 15:32	SMA
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.229	0.500	1	EPA 8260C Certifications:	05/01/2023 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	05/01/2023 15:32	SMA
79-01-6	**Trichloroethylene**	**0.500**		ug/L	0.249	0.500	1	EPA 8260C Certifications:	05/01/2023 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PA	05/01/2023 15:32	SMA
75-69-4	Trichlorofluoromethane	ND		ug/L	0.337	0.500	1	EPA 8260C Certifications:	05/01/2023 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	05/01/2023 15:32	SMA
75-01-4	Vinyl Chloride	ND		ug/L	0.469	0.500	1	EPA 8260C Certifications:	05/01/2023 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	05/01/2023 15:32	SMA
1330-20-7	Xylenes, Total	ND		ug/L	0.836	1.50	1	EPA 8260C Certifications:	05/01/2023 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP	05/01/2023 15:32	SMA

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: SURR: 1,2-Dichloroethane-d4*	*101 %*	*69-130*
2037-26-5	*Surrogate: SURR: Toluene-d8*	*94.5 %*	*81-117*
460-00-4	*Surrogate: SURR: p-Bromofluorobenzene*	*90.3 %*	*79-122*

Sample Information

Client Sample ID: 2010-3D **York Sample ID:** 23D1512-12

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23D1512	80 Banks Avenue Rockville Centre 12-190	Ground Water	April 25, 2023 11:00 am	04/26/2023

VOA, 8260 LOW MASTER **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/L	0.216	0.500	1	EPA 8260C Certifications:	05/01/2023 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	05/01/2023 16:02	SMA

Sample Information

Client Sample ID: 2010-3D

York Sample ID: 23D1512-12

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23D1512	80 Banks Avenue Rockville Centre 12-190	Ground Water	April 25, 2023 11:00 am	04/26/2023

VOA, 8260 LOW MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
71-55-6	1,1,1-Trichloroethane	ND		ug/L	0.266	0.500	1	EPA 8260C Certifications:	05/01/2023 09:00	05/01/2023 16:02	SMA CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.256	0.500	1	EPA 8260C Certifications:	05/01/2023 09:00	05/01/2023 16:02	SMA CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/L	0.286	0.500	1	EPA 8260C Certifications:	05/01/2023 09:00	05/01/2023 16:02	SMA CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
79-00-5	**1,1,2-Trichloroethane**	**7.71**		ug/L	0.249	0.500	1	EPA 8260C Certifications:	05/01/2023 09:00	05/01/2023 16:02	SMA CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PA
75-34-3	1,1-Dichloroethane	ND		ug/L	0.272	0.500	1	EPA 8260C Certifications:	05/01/2023 09:00	05/01/2023 16:02	SMA CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
75-35-4	**1,1-Dichloroethylene**	**3.59**		ug/L	0.327	0.500	1	EPA 8260C Certifications:	05/01/2023 09:00	05/01/2023 16:02	SMA CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PA
563-58-6	1,1-Dichloropropylene	ND		ug/L	0.314	0.500	1	EPA 8260C Certifications:	05/01/2023 09:00	05/01/2023 16:02	SMA NELAC-NY10854,NELAC-NY12058,NJDEP
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	0.222	0.500	1	EPA 8260C Certifications:	05/01/2023 09:00	05/01/2023 16:02	SMA NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
96-18-4	1,2,3-Trichloropropane	ND		ug/L	0.273	0.500	1	EPA 8260C Certifications:	05/01/2023 09:00	05/01/2023 16:02	SMA NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
95-93-2	* 1,2,4,5-Tetramethylbenzene	ND		ug/L	0.255	0.500	1	EPA 8260C Certifications:	05/01/2023 09:00	05/01/2023 16:02	SMA
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.138	0.500	1	EPA 8260C Certifications:	05/01/2023 09:00	05/01/2023 16:02	SMA NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	0.310	0.500	1	EPA 8260C Certifications:	05/01/2023 09:00	05/01/2023 16:02	SMA CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.432	0.500	1	EPA 8260C Certifications:	05/01/2023 09:00	05/01/2023 16:02	SMA CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
106-93-4	1,2-Dibromoethane	ND		ug/L	0.215	0.500	1	EPA 8260C Certifications:	05/01/2023 09:00	05/01/2023 16:02	SMA CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.270	0.500	1	EPA 8260C Certifications:	05/01/2023 09:00	05/01/2023 16:02	SMA CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
107-06-2	1,2-Dichloroethane	ND		ug/L	0.377	0.500	1	EPA 8260C Certifications:	05/01/2023 09:00	05/01/2023 16:02	SMA CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
78-87-5	1,2-Dichloropropane	ND		ug/L	0.327	0.500	1	EPA 8260C Certifications:	05/01/2023 09:00	05/01/2023 16:02	SMA CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	0.347	0.500	1	EPA 8260C Certifications:	05/01/2023 09:00	05/01/2023 16:02	SMA CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.283	0.500	1	EPA 8260C Certifications:	05/01/2023 09:00	05/01/2023 16:02	SMA CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
142-28-9	1,3-Dichloropropane	ND		ug/L	0.260	0.500	1	EPA 8260C Certifications:	05/01/2023 09:00	05/01/2023 16:02	SMA NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.311	0.500	1	EPA 8260C Certifications:	05/01/2023 09:00	05/01/2023 16:02	SMA CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
594-20-7	2,2-Dichloropropane	ND		ug/L	0.466	0.500	1	EPA 8260C Certifications:	05/01/2023 09:00	05/01/2023 16:02	SMA NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
78-93-3	2-Butanone	ND		ug/L	0.421	0.500	1	EPA 8260C Certifications:	05/01/2023 09:00	05/01/2023 16:02	SMA CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI

Sample Information

Client Sample ID: 2010-3D

York Sample ID: 23D1512-12

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23D1512	80 Banks Avenue Rockville Centre 12-190	Ground Water	April 25, 2023 11:00 am	04/26/2023

VOA, 8260 LOW MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
95-49-8	2-Chlorotoluene	ND		ug/L	0.376	0.500	1	EPA 8260C Certifications:	05/01/2023 09:00	05/01/2023 16:02 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	SMA
591-78-6	2-Hexanone	ND		ug/L	0.320	0.500	1	EPA 8260C Certifications:	05/01/2023 09:00	05/01/2023 16:02 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	SMA
106-43-4	4-Chlorotoluene	ND		ug/L	0.311	0.500	1	EPA 8260C Certifications:	05/01/2023 09:00	05/01/2023 16:02 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	SMA
108-10-1	4-Methyl-2-pentanone	ND		ug/L	0.365	0.500	1	EPA 8260C Certifications:	05/01/2023 09:00	05/01/2023 16:02 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	SMA
67-64-1	**Acetone**	**1.94**	J	ug/L	1.34	2.00	1	EPA 8260C Certifications:	05/01/2023 09:00	05/01/2023 16:02 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PA	SMA
71-43-2	Benzene	ND		ug/L	0.279	0.500	1	EPA 8260C Certifications:	05/01/2023 09:00	05/01/2023 16:02 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	SMA
108-86-1	Bromobenzene	ND		ug/L	0.367	0.500	1	EPA 8260C Certifications:	05/01/2023 09:00	05/01/2023 16:02 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	SMA
74-97-5	Bromochloromethane	ND		ug/L	0.354	0.500	1	EPA 8260C Certifications:	05/01/2023 09:00	05/01/2023 16:02 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	SMA
75-27-4	Bromodichloromethane	ND		ug/L	0.245	0.500	1	EPA 8260C Certifications:	05/01/2023 09:00	05/01/2023 16:02 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	SMA
75-25-2	Bromoform	ND		ug/L	0.163	0.500	1	EPA 8260C Certifications:	05/01/2023 09:00	05/01/2023 16:02 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	SMA
74-83-9	Bromomethane	ND		ug/L	0.119	0.500	1	EPA 8260C Certifications:	05/01/2023 09:00	05/01/2023 16:02 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	SMA
75-15-0	Carbon disulfide	ND		ug/L	0.362	0.500	1	EPA 8260C Certifications:	05/01/2023 09:00	05/01/2023 16:02 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	SMA
56-23-5	Carbon tetrachloride	ND		ug/L	0.204	0.500	1	EPA 8260C Certifications:	05/01/2023 09:00	05/01/2023 16:02 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	SMA
108-90-7	Chlorobenzene	ND		ug/L	0.284	0.500	1	EPA 8260C Certifications:	05/01/2023 09:00	05/01/2023 16:02 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	SMA
75-00-3	Chloroethane	ND		ug/L	0.448	0.500	1	EPA 8260C Certifications:	05/01/2023 09:00	05/01/2023 16:02 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	SMA
67-66-3	**Chloroform**	**0.580**		ug/L	0.243	0.500	1	EPA 8260C Certifications:	05/01/2023 09:00	05/01/2023 16:02 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PA	SMA
74-87-3	Chloromethane	ND		ug/L	0.372	0.500	1	EPA 8260C Certifications:	05/01/2023 09:00	05/01/2023 16:02 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	SMA
156-59-2	**cis-1,2-Dichloroethylene**	**1120**		ug/L	29.4	50.0	100	EPA 8260C Certifications:	05/02/2023 09:00	05/02/2023 14:18 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PA	SMA
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.262	0.500	1	EPA 8260C Certifications:	05/01/2023 09:00	05/01/2023 16:02 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	SMA
124-48-1	Dibromochloromethane	ND		ug/L	0.146	0.500	1	EPA 8260C Certifications:	05/01/2023 09:00	05/01/2023 16:02 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	SMA
74-95-3	Dibromomethane	ND		ug/L	0.203	0.500	1	EPA 8260C Certifications:	05/01/2023 09:00	05/01/2023 16:02 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	SMA
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.451	0.500	1	EPA 8260C Certifications:	05/01/2023 09:00	05/01/2023 16:02 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	SMA
100-41-4	Ethyl Benzene	ND		ug/L	0.290	0.500	1	EPA 8260C Certifications:	05/01/2023 09:00	05/01/2023 16:02 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	SMA

Sample Information

Client Sample ID: 2010-3D

York Sample ID: 23D1512-12

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23D1512	80 Banks Avenue Rockville Centre 12-190	Ground Water	April 25, 2023 11:00 am	04/26/2023

VOA, 8260 LOW MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
87-68-3	Hexachlorobutadiene	ND		ug/L	0.241	0.500	1	EPA 8260C Certifications:	05/01/2023 09:00 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/01/2023 16:02	SMA
98-82-8	Isopropylbenzene	ND		ug/L	0.405	0.500	1	EPA 8260C Certifications:	05/01/2023 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	05/01/2023 16:02	SMA
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.244	0.500	1	EPA 8260C Certifications:	05/01/2023 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	05/01/2023 16:02	SMA
75-09-2	Methylene chloride	ND		ug/L	0.397	2.00	1	EPA 8260C Certifications:	05/01/2023 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	05/01/2023 16:02	SMA
91-20-3	Naphthalene	ND		ug/L	0.212	2.00	1	EPA 8260C Certifications:	05/01/2023 09:00 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/01/2023 16:02	SMA
104-51-8	n-Butylbenzene	ND		ug/L	0.399	0.500	1	EPA 8260C Certifications:	05/01/2023 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	05/01/2023 16:02	SMA
103-65-1	n-Propylbenzene	ND		ug/L	0.384	0.500	1	EPA 8260C Certifications:	05/01/2023 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	05/01/2023 16:02	SMA
95-47-6	o-Xylene	ND		ug/L	0.261	0.500	1	EPA 8260C Certifications:	05/01/2023 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP	05/01/2023 16:02	SMA
179601-23-1	p- & m- Xylenes	ND		ug/L	0.578	1.00	1	EPA 8260C Certifications:	05/01/2023 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP	05/01/2023 16:02	SMA
105-05-5	* p-Diethylbenzene	ND		ug/L	0.341	0.500	1	EPA 8260C Certifications:	05/01/2023 09:00	05/01/2023 16:02	SMA
622-96-8	* p-Ethyltoluene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	05/01/2023 09:00	05/01/2023 16:02	SMA
99-87-6	p-Isopropyltoluene	ND		ug/L	0.377	0.500	1	EPA 8260C Certifications:	05/01/2023 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	05/01/2023 16:02	SMA
135-98-8	sec-Butylbenzene	ND		ug/L	0.444	0.500	1	EPA 8260C Certifications:	05/01/2023 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	05/01/2023 16:02	SMA
100-42-5	Styrene	ND		ug/L	0.255	0.500	1	EPA 8260C Certifications:	05/01/2023 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	05/01/2023 16:02	SMA
98-06-6	tert-Butylbenzene	ND		ug/L	0.367	0.500	1	EPA 8260C Certifications:	05/01/2023 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	05/01/2023 16:02	SMA
127-18-4	**Tetrachloroethylene**	**3370**		ug/L	23.9	50.0	100	EPA 8260C Certifications:	05/02/2023 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PA	05/02/2023 14:18	SMA
108-88-3	Toluene	ND		ug/L	0.346	0.500	1	EPA 8260C Certifications:	05/01/2023 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	05/01/2023 16:02	SMA
156-60-5	**trans-1,2-Dichloroethylene**	**25.6**		ug/L	0.279	0.500	1	EPA 8260C Certifications:	05/01/2023 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PA	05/01/2023 16:02	SMA
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.229	0.500	1	EPA 8260C Certifications:	05/01/2023 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	05/01/2023 16:02	SMA
79-01-6	**Trichloroethylene**	**363**		ug/L	24.9	50.0	100	EPA 8260C Certifications:	05/02/2023 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PA	05/02/2023 14:18	SMA
75-69-4	Trichlorofluoromethane	ND		ug/L	0.337	0.500	1	EPA 8260C Certifications:	05/01/2023 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	05/01/2023 16:02	SMA
75-01-4	**Vinyl Chloride**	**9.12**		ug/L	0.469	0.500	1	EPA 8260C Certifications:	05/01/2023 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PA	05/01/2023 16:02	SMA
1330-20-7	Xylenes, Total	ND		ug/L	0.836	1.50	1	EPA 8260C Certifications:	05/01/2023 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP	05/01/2023 16:02	SMA

Sample Information

Client Sample ID: 2010-3D **York Sample ID:** 23D1512-12

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23D1512	80 Banks Avenue Rockville Centre 12-190	Ground Water	April 25, 2023 11:00 am	04/26/2023

VOA, 8260 LOW MASTER **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	Surrogate Recoveries	**Result**			**Acceptance Range**						
17060-07-0	*Surrogate: SURR: 1,2-Dichloroethane-d4*	*103 %*			*69-130*						
2037-26-5	*Surrogate: SURR: Toluene-d8*	*108 %*			*81-117*						
460-00-4	*Surrogate: SURR: p-Bromofluorobenzene*	*81.4 %*			*79-122*						

Sample Information

Client Sample ID: 2013-4A **York Sample ID:** 23D1512-13

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23D1512	80 Banks Avenue Rockville Centre 12-190	Ground Water	April 25, 2023 12:10 pm	04/26/2023

VOA, 8260 LOW MASTER **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/L	0.216	0.500	1	EPA 8260C Certifications:	05/03/2023 09:00	05/03/2023 12:02	SMA CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
71-55-6	1,1,1-Trichloroethane	ND		ug/L	0.266	0.500	1	EPA 8260C Certifications:	05/03/2023 09:00	05/03/2023 12:02	SMA CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.256	0.500	1	EPA 8260C Certifications:	05/03/2023 09:00	05/03/2023 12:02	SMA CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/L	0.286	0.500	1	EPA 8260C Certifications:	05/03/2023 09:00	05/03/2023 12:02	SMA CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.249	0.500	1	EPA 8260C Certifications:	05/03/2023 09:00	05/03/2023 12:02	SMA CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
75-34-3	1,1-Dichloroethane	ND		ug/L	0.272	0.500	1	EPA 8260C Certifications:	05/03/2023 09:00	05/03/2023 12:02	SMA CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.327	0.500	1	EPA 8260C Certifications:	05/03/2023 09:00	05/03/2023 12:02	SMA CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
563-58-6	1,1-Dichloropropylene	ND		ug/L	0.314	0.500	1	EPA 8260C Certifications:	05/03/2023 09:00	05/03/2023 12:02	SMA NELAC-NY10854,NELAC-NY12058,NJDEP
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	0.222	0.500	1	EPA 8260C Certifications:	05/03/2023 09:00	05/03/2023 12:02	SMA NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
96-18-4	1,2,3-Trichloropropane	ND		ug/L	0.273	0.500	1	EPA 8260C Certifications:	05/03/2023 09:00	05/03/2023 12:02	SMA NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
95-93-2	* 1,2,4,5-Tetramethylbenzene	ND		ug/L	0.255	0.500	1	EPA 8260C Certifications:	05/03/2023 09:00	05/03/2023 12:02	SMA
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.138	0.500	1	EPA 8260C Certifications:	05/03/2023 09:00	05/03/2023 12:02	SMA NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	0.310	0.500	1	EPA 8260C Certifications:	05/03/2023 09:00	05/03/2023 12:02	SMA CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI

Sample Information

Client Sample ID: 2013-4A

York Sample ID: 23D1512-13

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23D1512	80 Banks Avenue Rockville Centre 12-190	Ground Water	April 25, 2023 12:10 pm	04/26/2023

VOA, 8260 LOW MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.432	0.500	1	EPA 8260C Certifications:	05/03/2023 09:00	05/03/2023 12:02	SMA CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
106-93-4	1,2-Dibromoethane	ND		ug/L	0.215	0.500	1	EPA 8260C Certifications:	05/03/2023 09:00	05/03/2023 12:02	SMA CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.270	0.500	1	EPA 8260C Certifications:	05/03/2023 09:00	05/03/2023 12:02	SMA CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
107-06-2	1,2-Dichloroethane	ND		ug/L	0.377	0.500	1	EPA 8260C Certifications:	05/03/2023 09:00	05/03/2023 12:02	SMA CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
78-87-5	1,2-Dichloropropane	ND		ug/L	0.327	0.500	1	EPA 8260C Certifications:	05/03/2023 09:00	05/03/2023 12:02	SMA CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	0.347	0.500	1	EPA 8260C Certifications:	05/03/2023 09:00	05/03/2023 12:02	SMA CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.283	0.500	1	EPA 8260C Certifications:	05/03/2023 09:00	05/03/2023 12:02	SMA CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
142-28-9	1,3-Dichloropropane	ND		ug/L	0.260	0.500	1	EPA 8260C Certifications:	05/03/2023 09:00	05/03/2023 12:02	SMA NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.311	0.500	1	EPA 8260C Certifications:	05/03/2023 09:00	05/03/2023 12:02	SMA CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
594-20-7	2,2-Dichloropropane	ND		ug/L	0.466	0.500	1	EPA 8260C Certifications:	05/03/2023 09:00	05/03/2023 12:02	SMA NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
78-93-3	2-Butanone	ND		ug/L	0.421	0.500	1	EPA 8260C Certifications:	05/03/2023 09:00	05/03/2023 12:02	SMA CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
95-49-8	2-Chlorotoluene	ND		ug/L	0.376	0.500	1	EPA 8260C Certifications:	05/03/2023 09:00	05/03/2023 12:02	SMA CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
591-78-6	2-Hexanone	ND		ug/L	0.320	0.500	1	EPA 8260C Certifications:	05/03/2023 09:00	05/03/2023 12:02	SMA CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
106-43-4	4-Chlorotoluene	ND		ug/L	0.311	0.500	1	EPA 8260C Certifications:	05/03/2023 09:00	05/03/2023 12:02	SMA CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
108-10-1	4-Methyl-2-pentanone	ND		ug/L	0.365	0.500	1	EPA 8260C Certifications:	05/03/2023 09:00	05/03/2023 12:02	SMA CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
67-64-1	Acetone	ND		ug/L	1.34	2.00	1	EPA 8260C Certifications:	05/03/2023 09:00	05/03/2023 12:02	SMA CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
71-43-2	Benzene	ND		ug/L	0.279	0.500	1	EPA 8260C Certifications:	05/03/2023 09:00	05/03/2023 12:02	SMA CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
108-86-1	Bromobenzene	ND		ug/L	0.367	0.500	1	EPA 8260C Certifications:	05/03/2023 09:00	05/03/2023 12:02	SMA NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
74-97-5	Bromochloromethane	ND		ug/L	0.354	0.500	1	EPA 8260C Certifications:	05/03/2023 09:00	05/03/2023 12:02	SMA NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
75-27-4	Bromodichloromethane	ND		ug/L	0.245	0.500	1	EPA 8260C Certifications:	05/03/2023 09:00	05/03/2023 12:02	SMA CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
75-25-2	Bromoform	ND		ug/L	0.163	0.500	1	EPA 8260C Certifications:	05/03/2023 09:00	05/03/2023 12:02	SMA CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
74-83-9	Bromomethane	ND		ug/L	0.119	0.500	1	EPA 8260C Certifications:	05/03/2023 09:00	05/03/2023 12:02	SMA CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
75-15-0	Carbon disulfide	ND		ug/L	0.362	0.500	1	EPA 8260C Certifications:	05/03/2023 09:00	05/03/2023 12:02	SMA CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI

Sample Information

Client Sample ID: 2013-4A

York Sample ID: 23D1512-13

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23D1512	80 Banks Avenue Rockville Centre 12-190	Ground Water	April 25, 2023 12:10 pm	04/26/2023

VOA, 8260 LOW MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
56-23-5	Carbon tetrachloride	ND		ug/L	0.204	0.500	1	EPA 8260C Certifications:	05/03/2023 09:00	05/03/2023 12:02	SMA CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
108-90-7	Chlorobenzene	ND		ug/L	0.284	0.500	1	EPA 8260C Certifications:	05/03/2023 09:00	05/03/2023 12:02	SMA CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
75-00-3	Chloroethane	ND		ug/L	0.448	0.500	1	EPA 8260C Certifications:	05/03/2023 09:00	05/03/2023 12:02	SMA CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
67-66-3	Chloroform	ND		ug/L	0.243	0.500	1	EPA 8260C Certifications:	05/03/2023 09:00	05/03/2023 12:02	SMA CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
74-87-3	Chloromethane	ND		ug/L	0.372	0.500	1	EPA 8260C Certifications:	05/03/2023 09:00	05/03/2023 12:02	SMA CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
156-59-2	cis-1,2-Dichloroethylene	ND		ug/L	0.294	0.500	1	EPA 8260C Certifications:	05/03/2023 09:00	05/03/2023 12:02	SMA CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.262	0.500	1	EPA 8260C Certifications:	05/03/2023 09:00	05/03/2023 12:02	SMA CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
124-48-1	Dibromochloromethane	ND		ug/L	0.146	0.500	1	EPA 8260C Certifications:	05/03/2023 09:00	05/03/2023 12:02	SMA CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
74-95-3	Dibromomethane	ND		ug/L	0.203	0.500	1	EPA 8260C Certifications:	05/03/2023 09:00	05/03/2023 12:02	SMA NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.451	0.500	1	EPA 8260C Certifications:	05/03/2023 09:00	05/03/2023 12:02	SMA NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
100-41-4	Ethyl Benzene	ND		ug/L	0.290	0.500	1	EPA 8260C Certifications:	05/03/2023 09:00	05/03/2023 12:02	SMA CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
87-68-3	Hexachlorobutadiene	ND		ug/L	0.241	0.500	1	EPA 8260C Certifications:	05/03/2023 09:00	05/03/2023 12:02	SMA NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
98-82-8	Isopropylbenzene	ND		ug/L	0.405	0.500	1	EPA 8260C Certifications:	05/03/2023 09:00	05/03/2023 12:02	SMA CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.244	0.500	1	EPA 8260C Certifications:	05/03/2023 09:00	05/03/2023 12:02	SMA CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
75-09-2	**Methylene chloride**	**0.430**	J	ug/L	0.397	2.00	1	EPA 8260C Certifications:	05/03/2023 09:00	05/03/2023 12:02	SMA CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PA
91-20-3	Naphthalene	ND		ug/L	0.212	2.00	1	EPA 8260C Certifications:	05/03/2023 09:00	05/03/2023 12:02	SMA NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
104-51-8	n-Butylbenzene	ND		ug/L	0.399	0.500	1	EPA 8260C Certifications:	05/03/2023 09:00	05/03/2023 12:02	SMA CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
103-65-1	n-Propylbenzene	ND		ug/L	0.384	0.500	1	EPA 8260C Certifications:	05/03/2023 09:00	05/03/2023 12:02	SMA CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
95-47-6	o-Xylene	ND		ug/L	0.261	0.500	1	EPA 8260C Certifications:	05/03/2023 09:00	05/03/2023 12:02	SMA CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP
179601-23-1	p- & m- Xylenes	ND		ug/L	0.578	1.00	1	EPA 8260C Certifications:	05/03/2023 09:00	05/03/2023 12:02	SMA CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP
105-05-5	* p-Diethylbenzene	ND		ug/L	0.341	0.500	1	EPA 8260C Certifications:	05/03/2023 09:00	05/03/2023 12:02	SMA
622-96-8	* p-Ethyltoluene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	05/03/2023 09:00	05/03/2023 12:02	SMA
99-87-6	p-Isopropyltoluene	ND		ug/L	0.377	0.500	1	EPA 8260C Certifications:	05/03/2023 09:00	05/03/2023 12:02	SMA CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI

Sample Information

Client Sample ID: 2013-4A **York Sample ID:** 23D1512-13

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23D1512	80 Banks Avenue Rockville Centre 12-190	Ground Water	April 25, 2023 12:10 pm	04/26/2023

VOA, 8260 LOW MASTER **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
135-98-8	sec-Butylbenzene	ND		ug/L	0.444	0.500	1	EPA 8260C	05/03/2023 09:00	05/03/2023 12:02	SMA
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
100-42-5	Styrene	ND		ug/L	0.255	0.500	1	EPA 8260C	05/03/2023 09:00	05/03/2023 12:02	SMA
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
98-06-6	tert-Butylbenzene	ND		ug/L	0.367	0.500	1	EPA 8260C	05/03/2023 09:00	05/03/2023 12:02	SMA
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
127-18-4	**Tetrachloroethylene**	**0.700**		ug/L	0.239	0.500	1	EPA 8260C	05/03/2023 09:00	05/03/2023 12:02	SMA
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PA		
108-88-3	Toluene	ND		ug/L	0.346	0.500	1	EPA 8260C	05/03/2023 09:00	05/03/2023 12:02	SMA
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.279	0.500	1	EPA 8260C	05/03/2023 09:00	05/03/2023 12:02	SMA
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.229	0.500	1	EPA 8260C	05/03/2023 09:00	05/03/2023 12:02	SMA
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
79-01-6	Trichloroethylene	ND		ug/L	0.249	0.500	1	EPA 8260C	05/03/2023 09:00	05/03/2023 12:02	SMA
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
75-69-4	Trichlorofluoromethane	ND		ug/L	0.337	0.500	1	EPA 8260C	05/03/2023 09:00	05/03/2023 12:02	SMA
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
75-01-4	Vinyl Chloride	ND		ug/L	0.469	0.500	1	EPA 8260C	05/03/2023 09:00	05/03/2023 12:02	SMA
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
1330-20-7	Xylenes, Total	ND		ug/L	0.836	1.50	1	EPA 8260C	05/03/2023 09:00	05/03/2023 12:02	SMA
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP		

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: SURR: 1,2-Dichloroethane-d4*	*105 %*	*69-130*
2037-26-5	*Surrogate: SURR: Toluene-d8*	*99.2 %*	*81-117*
460-00-4	*Surrogate: SURR: p-Bromofluorobenzene*	*97.0 %*	*79-122*

Sample Information

Client Sample ID: 2013-4B **York Sample ID:** 23D1512-14

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23D1512	80 Banks Avenue Rockville Centre 12-190	Ground Water	April 25, 2023 12:35 pm	04/26/2023

VOA, 8260 LOW MASTER **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/L	0.216	0.500	1	EPA 8260C	05/01/2023 09:00	05/01/2023 17:01	SMA
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
71-55-6	1,1,1-Trichloroethane	ND		ug/L	0.266	0.500	1	EPA 8260C	05/01/2023 09:00	05/01/2023 17:01	SMA
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		

Sample Information

Client Sample ID: 2013-4B

York Sample ID: 23D1512-14

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23D1512	80 Banks Avenue Rockville Centre 12-190	Ground Water	April 25, 2023 12:35 pm	04/26/2023

VOA, 8260 LOW MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.256	0.500	1	EPA 8260C Certifications:	05/01/2023 09:00	05/01/2023 17:01	SMA CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/L	0.286	0.500	1	EPA 8260C Certifications:	05/01/2023 09:00	05/01/2023 17:01	SMA CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.249	0.500	1	EPA 8260C Certifications:	05/01/2023 09:00	05/01/2023 17:01	SMA CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
75-34-3	1,1-Dichloroethane	ND		ug/L	0.272	0.500	1	EPA 8260C Certifications:	05/01/2023 09:00	05/01/2023 17:01	SMA CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.327	0.500	1	EPA 8260C Certifications:	05/01/2023 09:00	05/01/2023 17:01	SMA CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
563-58-6	1,1-Dichloropropylene	ND		ug/L	0.314	0.500	1	EPA 8260C Certifications:	05/01/2023 09:00	05/01/2023 17:01	SMA NELAC-NY10854,NELAC-NY12058,NJDEP
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	0.222	0.500	1	EPA 8260C Certifications:	05/01/2023 09:00	05/01/2023 17:01	SMA NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
96-18-4	1,2,3-Trichloropropane	ND		ug/L	0.273	0.500	1	EPA 8260C Certifications:	05/01/2023 09:00	05/01/2023 17:01	SMA NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
95-93-2	* 1,2,4,5-Tetramethylbenzene	ND		ug/L	0.255	0.500	1	EPA 8260C Certifications:	05/01/2023 09:00	05/01/2023 17:01	SMA
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.138	0.500	1	EPA 8260C Certifications:	05/01/2023 09:00	05/01/2023 17:01	SMA NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	0.310	0.500	1	EPA 8260C Certifications:	05/01/2023 09:00	05/01/2023 17:01	SMA CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.432	0.500	1	EPA 8260C Certifications:	05/01/2023 09:00	05/01/2023 17:01	SMA CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
106-93-4	1,2-Dibromoethane	ND		ug/L	0.215	0.500	1	EPA 8260C Certifications:	05/01/2023 09:00	05/01/2023 17:01	SMA CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.270	0.500	1	EPA 8260C Certifications:	05/01/2023 09:00	05/01/2023 17:01	SMA CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
107-06-2	1,2-Dichloroethane	ND		ug/L	0.377	0.500	1	EPA 8260C Certifications:	05/01/2023 09:00	05/01/2023 17:01	SMA CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
78-87-5	1,2-Dichloropropane	ND		ug/L	0.327	0.500	1	EPA 8260C Certifications:	05/01/2023 09:00	05/01/2023 17:01	SMA CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	0.347	0.500	1	EPA 8260C Certifications:	05/01/2023 09:00	05/01/2023 17:01	SMA CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.283	0.500	1	EPA 8260C Certifications:	05/01/2023 09:00	05/01/2023 17:01	SMA CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
142-28-9	1,3-Dichloropropane	ND		ug/L	0.260	0.500	1	EPA 8260C Certifications:	05/01/2023 09:00	05/01/2023 17:01	SMA NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.311	0.500	1	EPA 8260C Certifications:	05/01/2023 09:00	05/01/2023 17:01	SMA CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
594-20-7	2,2-Dichloropropane	ND		ug/L	0.466	0.500	1	EPA 8260C Certifications:	05/01/2023 09:00	05/01/2023 17:01	SMA NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
78-93-3	2-Butanone	ND		ug/L	0.421	0.500	1	EPA 8260C Certifications:	05/01/2023 09:00	05/01/2023 17:01	SMA CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
95-49-8	2-Chlorotoluene	ND		ug/L	0.376	0.500	1	EPA 8260C Certifications:	05/01/2023 09:00	05/01/2023 17:01	SMA CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI

Sample Information

Client Sample ID: 2013-4B

York Sample ID: 23D1512-14

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23D1512	80 Banks Avenue Rockville Centre 12-190	Ground Water	April 25, 2023 12:35 pm	04/26/2023

VOA, 8260 LOW MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
591-78-6	2-Hexanone	ND		ug/L	0.320	0.500	1	EPA 8260C Certifications:	05/01/2023 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	05/01/2023 17:01	SMA
106-43-4	4-Chlorotoluene	ND		ug/L	0.311	0.500	1	EPA 8260C Certifications:	05/01/2023 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	05/01/2023 17:01	SMA
108-10-1	4-Methyl-2-pentanone	ND		ug/L	0.365	0.500	1	EPA 8260C Certifications:	05/01/2023 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	05/01/2023 17:01	SMA
67-64-1	Acetone	ND		ug/L	1.34	2.00	1	EPA 8260C Certifications:	05/01/2023 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	05/01/2023 17:01	SMA
71-43-2	Benzene	ND		ug/L	0.279	0.500	1	EPA 8260C Certifications:	05/01/2023 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	05/01/2023 17:01	SMA
108-86-1	Bromobenzene	ND		ug/L	0.367	0.500	1	EPA 8260C Certifications:	05/01/2023 09:00 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/01/2023 17:01	SMA
74-97-5	Bromochloromethane	ND		ug/L	0.354	0.500	1	EPA 8260C Certifications:	05/01/2023 09:00 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/01/2023 17:01	SMA
75-27-4	Bromodichloromethane	ND		ug/L	0.245	0.500	1	EPA 8260C Certifications:	05/01/2023 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	05/01/2023 17:01	SMA
75-25-2	Bromoform	ND		ug/L	0.163	0.500	1	EPA 8260C Certifications:	05/01/2023 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	05/01/2023 17:01	SMA
74-83-9	Bromomethane	ND		ug/L	0.119	0.500	1	EPA 8260C Certifications:	05/01/2023 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	05/01/2023 17:01	SMA
75-15-0	Carbon disulfide	ND		ug/L	0.362	0.500	1	EPA 8260C Certifications:	05/01/2023 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	05/01/2023 17:01	SMA
56-23-5	Carbon tetrachloride	ND		ug/L	0.204	0.500	1	EPA 8260C Certifications:	05/01/2023 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	05/01/2023 17:01	SMA
108-90-7	Chlorobenzene	ND		ug/L	0.284	0.500	1	EPA 8260C Certifications:	05/01/2023 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	05/01/2023 17:01	SMA
75-00-3	Chloroethane	ND		ug/L	0.448	0.500	1	EPA 8260C Certifications:	05/01/2023 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	05/01/2023 17:01	SMA
67-66-3	Chloroform	ND		ug/L	0.243	0.500	1	EPA 8260C Certifications:	05/01/2023 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	05/01/2023 17:01	SMA
74-87-3	Chloromethane	ND		ug/L	0.372	0.500	1	EPA 8260C Certifications:	05/01/2023 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	05/01/2023 17:01	SMA
156-59-2	**cis-1,2-Dichloroethylene**	**0.630**		ug/L	0.294	0.500	1	EPA 8260C Certifications:	05/01/2023 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PA	05/01/2023 17:01	SMA
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.262	0.500	1	EPA 8260C Certifications:	05/01/2023 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	05/01/2023 17:01	SMA
124-48-1	Dibromochloromethane	ND		ug/L	0.146	0.500	1	EPA 8260C Certifications:	05/01/2023 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	05/01/2023 17:01	SMA
74-95-3	Dibromomethane	ND		ug/L	0.203	0.500	1	EPA 8260C Certifications:	05/01/2023 09:00 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/01/2023 17:01	SMA
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.451	0.500	1	EPA 8260C Certifications:	05/01/2023 09:00 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/01/2023 17:01	SMA
100-41-4	Ethyl Benzene	ND		ug/L	0.290	0.500	1	EPA 8260C Certifications:	05/01/2023 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	05/01/2023 17:01	SMA
87-68-3	Hexachlorobutadiene	ND		ug/L	0.241	0.500	1	EPA 8260C Certifications:	05/01/2023 09:00 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/01/2023 17:01	SMA

Sample Information

Client Sample ID: 2013-4B

York Sample ID: 23D1512-14

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23D1512	80 Banks Avenue Rockville Centre 12-190	Ground Water	April 25, 2023 12:35 pm	04/26/2023

VOA, 8260 LOW MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
98-82-8	Isopropylbenzene	ND		ug/L	0.405	0.500	1	EPA 8260C Certifications:	05/01/2023 09:00	05/01/2023 17:01	SMA CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.244	0.500	1	EPA 8260C Certifications:	05/01/2023 09:00	05/01/2023 17:01	SMA CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
75-09-2	Methylene chloride	ND		ug/L	0.397	2.00	1	EPA 8260C Certifications:	05/01/2023 09:00	05/01/2023 17:01	SMA CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
91-20-3	Naphthalene	ND		ug/L	0.212	2.00	1	EPA 8260C Certifications:	05/01/2023 09:00	05/01/2023 17:01	SMA NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
104-51-8	n-Butylbenzene	ND		ug/L	0.399	0.500	1	EPA 8260C Certifications:	05/01/2023 09:00	05/01/2023 17:01	SMA CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
103-65-1	n-Propylbenzene	ND		ug/L	0.384	0.500	1	EPA 8260C Certifications:	05/01/2023 09:00	05/01/2023 17:01	SMA CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
95-47-6	o-Xylene	ND		ug/L	0.261	0.500	1	EPA 8260C Certifications:	05/01/2023 09:00	05/01/2023 17:01	SMA CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP
179601-23-1	p- & m- Xylenes	ND		ug/L	0.578	1.00	1	EPA 8260C Certifications:	05/01/2023 09:00	05/01/2023 17:01	SMA CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP
105-05-5	* p-Diethylbenzene	ND		ug/L	0.341	0.500	1	EPA 8260C Certifications:	05/01/2023 09:00	05/01/2023 17:01	SMA
622-96-8	* p-Ethyltoluene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	05/01/2023 09:00	05/01/2023 17:01	SMA
99-87-6	p-Isopropyltoluene	ND		ug/L	0.377	0.500	1	EPA 8260C Certifications:	05/01/2023 09:00	05/01/2023 17:01	SMA CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
135-98-8	sec-Butylbenzene	ND		ug/L	0.444	0.500	1	EPA 8260C Certifications:	05/01/2023 09:00	05/01/2023 17:01	SMA CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
100-42-5	Styrene	ND		ug/L	0.255	0.500	1	EPA 8260C Certifications:	05/01/2023 09:00	05/01/2023 17:01	SMA CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
98-06-6	tert-Butylbenzene	ND		ug/L	0.367	0.500	1	EPA 8260C Certifications:	05/01/2023 09:00	05/01/2023 17:01	SMA CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
127-18-4	**Tetrachloroethylene**	**1.70**		ug/L	0.239	0.500	1	EPA 8260C Certifications:	05/01/2023 09:00	05/01/2023 17:01	SMA CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PA
108-88-3	Toluene	ND		ug/L	0.346	0.500	1	EPA 8260C Certifications:	05/01/2023 09:00	05/01/2023 17:01	SMA CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.279	0.500	1	EPA 8260C Certifications:	05/01/2023 09:00	05/01/2023 17:01	SMA CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.229	0.500	1	EPA 8260C Certifications:	05/01/2023 09:00	05/01/2023 17:01	SMA CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
79-01-6	Trichloroethylene	ND		ug/L	0.249	0.500	1	EPA 8260C Certifications:	05/01/2023 09:00	05/01/2023 17:01	SMA CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
75-69-4	Trichlorofluoromethane	ND		ug/L	0.337	0.500	1	EPA 8260C Certifications:	05/01/2023 09:00	05/01/2023 17:01	SMA CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
75-01-4	Vinyl Chloride	ND		ug/L	0.469	0.500	1	EPA 8260C Certifications:	05/01/2023 09:00	05/01/2023 17:01	SMA CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
1330-20-7	Xylenes, Total	ND		ug/L	0.836	1.50	1	EPA 8260C Certifications:	05/01/2023 09:00	05/01/2023 17:01	SMA CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: SURR: 1,2-Dichloroethane-d4*	*100 %*	*69-130*

Sample Information

Client Sample ID: 2013-4B **York Sample ID:** 23D1512-14

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23D1512	80 Banks Avenue Rockville Centre 12-190	Ground Water	April 25, 2023 12:35 pm	04/26/2023

VOA, 8260 LOW MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
2037-26-5	*Surrogate: SURR: Toluene-d8*	*94.5 %*			*81-117*						
460-00-4	*Surrogate: SURR: p-Bromofluorobenzene*	*90.3 %*			*79-122*						

Sample Information

Client Sample ID: 2013-4C **York Sample ID:** 23D1512-15

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23D1512	80 Banks Avenue Rockville Centre 12-190	Ground Water	April 25, 2023 1:00 pm	04/26/2023

VOA, 8260 LOW MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/L	0.216	0.500	1	EPA 8260C Certifications:	05/01/2023 09:00	05/01/2023 17:30 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	SMA
71-55-6	1,1,1-Trichloroethane	ND		ug/L	0.266	0.500	1	EPA 8260C Certifications:	05/01/2023 09:00	05/01/2023 17:30 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	SMA
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.256	0.500	1	EPA 8260C Certifications:	05/01/2023 09:00	05/01/2023 17:30 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	SMA
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/L	0.286	0.500	1	EPA 8260C Certifications:	05/01/2023 09:00	05/01/2023 17:30 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	SMA
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.249	0.500	1	EPA 8260C Certifications:	05/01/2023 09:00	05/01/2023 17:30 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	SMA
75-34-3	1,1-Dichloroethane	ND		ug/L	0.272	0.500	1	EPA 8260C Certifications:	05/01/2023 09:00	05/01/2023 17:30 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	SMA
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.327	0.500	1	EPA 8260C Certifications:	05/01/2023 09:00	05/01/2023 17:30 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	SMA
563-58-6	1,1-Dichloropropylene	ND		ug/L	0.314	0.500	1	EPA 8260C Certifications:	05/01/2023 09:00	05/01/2023 17:30 NELAC-NY10854,NELAC-NY12058,NJDEP	SMA
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	0.222	0.500	1	EPA 8260C Certifications:	05/01/2023 09:00	05/01/2023 17:30 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	SMA
96-18-4	1,2,3-Trichloropropane	ND		ug/L	0.273	0.500	1	EPA 8260C Certifications:	05/01/2023 09:00	05/01/2023 17:30 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	SMA
95-93-2	* 1,2,4,5-Tetramethylbenzene	ND		ug/L	0.255	0.500	1	EPA 8260C Certifications:	05/01/2023 09:00	05/01/2023 17:30	SMA
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.138	0.500	1	EPA 8260C Certifications:	05/01/2023 09:00	05/01/2023 17:30 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	SMA
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	0.310	0.500	1	EPA 8260C Certifications:	05/01/2023 09:00	05/01/2023 17:30 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	SMA
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.432	0.500	1	EPA 8260C Certifications:	05/01/2023 09:00	05/01/2023 17:30 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	SMA
106-93-4	1,2-Dibromoethane	ND		ug/L	0.215	0.500	1	EPA 8260C Certifications:	05/01/2023 09:00	05/01/2023 17:30 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	SMA

Sample Information

Client Sample ID: 2013-4C **York Sample ID:** 23D1512-15

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23D1512	80 Banks Avenue Rockville Centre 12-190	Ground Water	April 25, 2023 1:00 pm	04/26/2023

VOA, 8260 LOW MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.270	0.500	1	EPA 8260C Certifications:	05/01/2023 09:00	05/01/2023 17:30	SMA CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
107-06-2	1,2-Dichloroethane	ND		ug/L	0.377	0.500	1	EPA 8260C Certifications:	05/01/2023 09:00	05/01/2023 17:30	SMA CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
78-87-5	1,2-Dichloropropane	ND		ug/L	0.327	0.500	1	EPA 8260C Certifications:	05/01/2023 09:00	05/01/2023 17:30	SMA CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	0.347	0.500	1	EPA 8260C Certifications:	05/01/2023 09:00	05/01/2023 17:30	SMA CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.283	0.500	1	EPA 8260C Certifications:	05/01/2023 09:00	05/01/2023 17:30	SMA CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
142-28-9	1,3-Dichloropropane	ND		ug/L	0.260	0.500	1	EPA 8260C Certifications:	05/01/2023 09:00	05/01/2023 17:30	SMA NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.311	0.500	1	EPA 8260C Certifications:	05/01/2023 09:00	05/01/2023 17:30	SMA CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
594-20-7	2,2-Dichloropropane	ND		ug/L	0.466	0.500	1	EPA 8260C Certifications:	05/01/2023 09:00	05/01/2023 17:30	SMA NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
78-93-3	2-Butanone	ND		ug/L	0.421	0.500	1	EPA 8260C Certifications:	05/01/2023 09:00	05/01/2023 17:30	SMA CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
95-49-8	2-Chlorotoluene	ND		ug/L	0.376	0.500	1	EPA 8260C Certifications:	05/01/2023 09:00	05/01/2023 17:30	SMA CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
591-78-6	2-Hexanone	ND		ug/L	0.320	0.500	1	EPA 8260C Certifications:	05/01/2023 09:00	05/01/2023 17:30	SMA CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
106-43-4	4-Chlorotoluene	ND		ug/L	0.311	0.500	1	EPA 8260C Certifications:	05/01/2023 09:00	05/01/2023 17:30	SMA CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
108-10-1	4-Methyl-2-pentanone	ND		ug/L	0.365	0.500	1	EPA 8260C Certifications:	05/01/2023 09:00	05/01/2023 17:30	SMA CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
67-64-1	Acetone	ND		ug/L	1.34	2.00	1	EPA 8260C Certifications:	05/01/2023 09:00	05/01/2023 17:30	SMA CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
71-43-2	Benzene	ND		ug/L	0.279	0.500	1	EPA 8260C Certifications:	05/01/2023 09:00	05/01/2023 17:30	SMA CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
108-86-1	Bromobenzene	ND		ug/L	0.367	0.500	1	EPA 8260C Certifications:	05/01/2023 09:00	05/01/2023 17:30	SMA NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
74-97-5	Bromochloromethane	ND		ug/L	0.354	0.500	1	EPA 8260C Certifications:	05/01/2023 09:00	05/01/2023 17:30	SMA NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
75-27-4	Bromodichloromethane	ND		ug/L	0.245	0.500	1	EPA 8260C Certifications:	05/01/2023 09:00	05/01/2023 17:30	SMA CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
75-25-2	Bromoform	ND		ug/L	0.163	0.500	1	EPA 8260C Certifications:	05/01/2023 09:00	05/01/2023 17:30	SMA CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
74-83-9	Bromomethane	ND		ug/L	0.119	0.500	1	EPA 8260C Certifications:	05/01/2023 09:00	05/01/2023 17:30	SMA CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
75-15-0	Carbon disulfide	ND		ug/L	0.362	0.500	1	EPA 8260C Certifications:	05/01/2023 09:00	05/01/2023 17:30	SMA CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
56-23-5	Carbon tetrachloride	ND		ug/L	0.204	0.500	1	EPA 8260C Certifications:	05/01/2023 09:00	05/01/2023 17:30	SMA CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
108-90-7	Chlorobenzene	ND		ug/L	0.284	0.500	1	EPA 8260C Certifications:	05/01/2023 09:00	05/01/2023 17:30	SMA CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI

Sample Information

Client Sample ID: 2013-4C **York Sample ID:** 23D1512-15

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23D1512	80 Banks Avenue Rockville Centre 12-190	Ground Water	April 25, 2023 1:00 pm	04/26/2023

VOA, 8260 LOW MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
75-00-3	Chloroethane	ND		ug/L	0.448	0.500	1	EPA 8260C Certifications:	05/01/2023 09:00	05/01/2023 17:30	SMA CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
67-66-3	Chloroform	ND		ug/L	0.243	0.500	1	EPA 8260C Certifications:	05/01/2023 09:00	05/01/2023 17:30	SMA CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
74-87-3	Chloromethane	ND		ug/L	0.372	0.500	1	EPA 8260C Certifications:	05/01/2023 09:00	05/01/2023 17:30	SMA CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
156-59-2	**cis-1,2-Dichloroethylene**	**0.400**	J	ug/L	0.294	0.500	1	EPA 8260C Certifications:	05/01/2023 09:00	05/01/2023 17:30	SMA CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PA
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.262	0.500	1	EPA 8260C Certifications:	05/01/2023 09:00	05/01/2023 17:30	SMA CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
124-48-1	Dibromochloromethane	ND		ug/L	0.146	0.500	1	EPA 8260C Certifications:	05/01/2023 09:00	05/01/2023 17:30	SMA CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
74-95-3	Dibromomethane	ND		ug/L	0.203	0.500	1	EPA 8260C Certifications:	05/01/2023 09:00	05/01/2023 17:30	SMA NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.451	0.500	1	EPA 8260C Certifications:	05/01/2023 09:00	05/01/2023 17:30	SMA NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
100-41-4	Ethyl Benzene	ND		ug/L	0.290	0.500	1	EPA 8260C Certifications:	05/01/2023 09:00	05/01/2023 17:30	SMA CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
87-68-3	Hexachlorobutadiene	ND		ug/L	0.241	0.500	1	EPA 8260C Certifications:	05/01/2023 09:00	05/01/2023 17:30	SMA NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
98-82-8	Isopropylbenzene	ND		ug/L	0.405	0.500	1	EPA 8260C Certifications:	05/01/2023 09:00	05/01/2023 17:30	SMA CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.244	0.500	1	EPA 8260C Certifications:	05/01/2023 09:00	05/01/2023 17:30	SMA CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
75-09-2	Methylene chloride	ND		ug/L	0.397	2.00	1	EPA 8260C Certifications:	05/01/2023 09:00	05/01/2023 17:30	SMA CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
91-20-3	Naphthalene	ND		ug/L	0.212	2.00	1	EPA 8260C Certifications:	05/01/2023 09:00	05/01/2023 17:30	SMA NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
104-51-8	n-Butylbenzene	ND		ug/L	0.399	0.500	1	EPA 8260C Certifications:	05/01/2023 09:00	05/01/2023 17:30	SMA CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
103-65-1	n-Propylbenzene	ND		ug/L	0.384	0.500	1	EPA 8260C Certifications:	05/01/2023 09:00	05/01/2023 17:30	SMA CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
95-47-6	o-Xylene	ND		ug/L	0.261	0.500	1	EPA 8260C Certifications:	05/01/2023 09:00	05/01/2023 17:30	SMA CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP
179601-23-1	p- & m- Xylenes	ND		ug/L	0.578	1.00	1	EPA 8260C Certifications:	05/01/2023 09:00	05/01/2023 17:30	SMA CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP
105-05-5	* p-Diethylbenzene	ND		ug/L	0.341	0.500	1	EPA 8260C Certifications:	05/01/2023 09:00	05/01/2023 17:30	SMA
622-96-8	* p-Ethyltoluene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	05/01/2023 09:00	05/01/2023 17:30	SMA
99-87-6	p-Isopropyltoluene	ND		ug/L	0.377	0.500	1	EPA 8260C Certifications:	05/01/2023 09:00	05/01/2023 17:30	SMA CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
135-98-8	sec-Butylbenzene	ND		ug/L	0.444	0.500	1	EPA 8260C Certifications:	05/01/2023 09:00	05/01/2023 17:30	SMA CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
100-42-5	Styrene	ND		ug/L	0.255	0.500	1	EPA 8260C Certifications:	05/01/2023 09:00	05/01/2023 17:30	SMA CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI

Sample Information

Client Sample ID: 2013-4C **York Sample ID:** 23D1512-15

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23D1512	80 Banks Avenue Rockville Centre 12-190	Ground Water	April 25, 2023 1:00 pm	04/26/2023

VOA, 8260 LOW MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
98-06-6	tert-Butylbenzene	ND		ug/L	0.367	0.500	1	EPA 8260C Certifications:	05/01/2023 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	05/01/2023 17:30	SMA
127-18-4	**Tetrachloroethylene**	**0.630**		ug/L	0.239	0.500	1	EPA 8260C Certifications:	05/01/2023 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PA	05/01/2023 17:30	SMA
108-88-3	Toluene	ND		ug/L	0.346	0.500	1	EPA 8260C Certifications:	05/01/2023 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	05/01/2023 17:30	SMA
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.279	0.500	1	EPA 8260C Certifications:	05/01/2023 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	05/01/2023 17:30	SMA
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.229	0.500	1	EPA 8260C Certifications:	05/01/2023 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	05/01/2023 17:30	SMA
79-01-6	Trichloroethylene	ND		ug/L	0.249	0.500	1	EPA 8260C Certifications:	05/01/2023 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	05/01/2023 17:30	SMA
75-69-4	Trichlorofluoromethane	ND		ug/L	0.337	0.500	1	EPA 8260C Certifications:	05/01/2023 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	05/01/2023 17:30	SMA
75-01-4	Vinyl Chloride	ND		ug/L	0.469	0.500	1	EPA 8260C Certifications:	05/01/2023 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	05/01/2023 17:30	SMA
1330-20-7	Xylenes, Total	ND		ug/L	0.836	1.50	1	EPA 8260C Certifications:	05/01/2023 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP	05/01/2023 17:30	SMA

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: SURR: 1,2-Dichloroethane-d4*	*101 %*	*69-130*
2037-26-5	*Surrogate: SURR: Toluene-d8*	*94.4 %*	*81-117*
460-00-4	*Surrogate: SURR: p-Bromofluorobenzene*	*90.7 %*	*79-122*

Sample Information

Client Sample ID: 2013-4D **York Sample ID:** 23D1512-16

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23D1512	80 Banks Avenue Rockville Centre 12-190	Ground Water	April 25, 2023 11:35 am	04/26/2023

VOA, 8260 LOW MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/L	0.216	0.500	1	EPA 8260C Certifications:	05/01/2023 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	05/01/2023 18:00	SMA
71-55-6	1,1,1-Trichloroethane	ND		ug/L	0.266	0.500	1	EPA 8260C Certifications:	05/01/2023 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	05/01/2023 18:00	SMA
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.256	0.500	1	EPA 8260C Certifications:	05/01/2023 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	05/01/2023 18:00	SMA
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/L	0.286	0.500	1	EPA 8260C Certifications:	05/01/2023 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	05/01/2023 18:00	SMA

Sample Information

Client Sample ID: 2013-4D

York Sample ID: 23D1512-16

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23D1512	80 Banks Avenue Rockville Centre 12-190	Ground Water	April 25, 2023 11:35 am	04/26/2023

VOA, 8260 LOW MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.249	0.500	1	EPA 8260C Certifications:	05/01/2023 09:00	05/01/2023 18:00	SMA CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
75-34-3	1,1-Dichloroethane	ND		ug/L	0.272	0.500	1	EPA 8260C Certifications:	05/01/2023 09:00	05/01/2023 18:00	SMA CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.327	0.500	1	EPA 8260C Certifications:	05/01/2023 09:00	05/01/2023 18:00	SMA CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
563-58-6	1,1-Dichloropropylene	ND		ug/L	0.314	0.500	1	EPA 8260C Certifications:	05/01/2023 09:00	05/01/2023 18:00	SMA NELAC-NY10854,NELAC-NY12058,NJDEP
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	0.222	0.500	1	EPA 8260C Certifications:	05/01/2023 09:00	05/01/2023 18:00	SMA NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
96-18-4	1,2,3-Trichloropropane	ND		ug/L	0.273	0.500	1	EPA 8260C Certifications:	05/01/2023 09:00	05/01/2023 18:00	SMA NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
95-93-2	* 1,2,4,5-Tetramethylbenzene	ND		ug/L	0.255	0.500	1	EPA 8260C Certifications:	05/01/2023 09:00	05/01/2023 18:00	SMA
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.138	0.500	1	EPA 8260C Certifications:	05/01/2023 09:00	05/01/2023 18:00	SMA NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	0.310	0.500	1	EPA 8260C Certifications:	05/01/2023 09:00	05/01/2023 18:00	SMA CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.432	0.500	1	EPA 8260C Certifications:	05/01/2023 09:00	05/01/2023 18:00	SMA CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
106-93-4	1,2-Dibromoethane	ND		ug/L	0.215	0.500	1	EPA 8260C Certifications:	05/01/2023 09:00	05/01/2023 18:00	SMA CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.270	0.500	1	EPA 8260C Certifications:	05/01/2023 09:00	05/01/2023 18:00	SMA CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
107-06-2	1,2-Dichloroethane	ND		ug/L	0.377	0.500	1	EPA 8260C Certifications:	05/01/2023 09:00	05/01/2023 18:00	SMA CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
78-87-5	1,2-Dichloropropane	ND		ug/L	0.327	0.500	1	EPA 8260C Certifications:	05/01/2023 09:00	05/01/2023 18:00	SMA CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	0.347	0.500	1	EPA 8260C Certifications:	05/01/2023 09:00	05/01/2023 18:00	SMA CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.283	0.500	1	EPA 8260C Certifications:	05/01/2023 09:00	05/01/2023 18:00	SMA CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
142-28-9	1,3-Dichloropropane	ND		ug/L	0.260	0.500	1	EPA 8260C Certifications:	05/01/2023 09:00	05/01/2023 18:00	SMA NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.311	0.500	1	EPA 8260C Certifications:	05/01/2023 09:00	05/01/2023 18:00	SMA CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
594-20-7	2,2-Dichloropropane	ND		ug/L	0.466	0.500	1	EPA 8260C Certifications:	05/01/2023 09:00	05/01/2023 18:00	SMA NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
78-93-3	2-Butanone	ND		ug/L	0.421	0.500	1	EPA 8260C Certifications:	05/01/2023 09:00	05/01/2023 18:00	SMA CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
95-49-8	2-Chlorotoluene	ND		ug/L	0.376	0.500	1	EPA 8260C Certifications:	05/01/2023 09:00	05/01/2023 18:00	SMA CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
591-78-6	2-Hexanone	ND		ug/L	0.320	0.500	1	EPA 8260C Certifications:	05/01/2023 09:00	05/01/2023 18:00	SMA CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
106-43-4	4-Chlorotoluene	ND		ug/L	0.311	0.500	1	EPA 8260C Certifications:	05/01/2023 09:00	05/01/2023 18:00	SMA CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI

Sample Information

Client Sample ID: 2013-4D

York Sample ID: 23D1512-16

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23D1512	80 Banks Avenue Rockville Centre 12-190	Ground Water	April 25, 2023 11:35 am	04/26/2023

VOA, 8260 LOW MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
108-10-1	4-Methyl-2-pentanone	ND		ug/L	0.365	0.500	1	EPA 8260C Certifications:	05/01/2023 09:00	05/01/2023 18:00	SMA CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
67-64-1	Acetone	ND		ug/L	1.34	2.00	1	EPA 8260C Certifications:	05/01/2023 09:00	05/01/2023 18:00	SMA CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
71-43-2	Benzene	ND		ug/L	0.279	0.500	1	EPA 8260C Certifications:	05/01/2023 09:00	05/01/2023 18:00	SMA CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
108-86-1	Bromobenzene	ND		ug/L	0.367	0.500	1	EPA 8260C Certifications:	05/01/2023 09:00	05/01/2023 18:00	SMA NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
74-97-5	Bromochloromethane	ND		ug/L	0.354	0.500	1	EPA 8260C Certifications:	05/01/2023 09:00	05/01/2023 18:00	SMA NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
75-27-4	Bromodichloromethane	ND		ug/L	0.245	0.500	1	EPA 8260C Certifications:	05/01/2023 09:00	05/01/2023 18:00	SMA CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
75-25-2	Bromoform	ND		ug/L	0.163	0.500	1	EPA 8260C Certifications:	05/01/2023 09:00	05/01/2023 18:00	SMA CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
74-83-9	Bromomethane	ND		ug/L	0.119	0.500	1	EPA 8260C Certifications:	05/01/2023 09:00	05/01/2023 18:00	SMA CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
75-15-0	Carbon disulfide	ND		ug/L	0.362	0.500	1	EPA 8260C Certifications:	05/01/2023 09:00	05/01/2023 18:00	SMA CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
56-23-5	Carbon tetrachloride	ND		ug/L	0.204	0.500	1	EPA 8260C Certifications:	05/01/2023 09:00	05/01/2023 18:00	SMA CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
108-90-7	Chlorobenzene	ND		ug/L	0.284	0.500	1	EPA 8260C Certifications:	05/01/2023 09:00	05/01/2023 18:00	SMA CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
75-00-3	Chloroethane	ND		ug/L	0.448	0.500	1	EPA 8260C Certifications:	05/01/2023 09:00	05/01/2023 18:00	SMA CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
67-66-3	Chloroform	ND		ug/L	0.243	0.500	1	EPA 8260C Certifications:	05/01/2023 09:00	05/01/2023 18:00	SMA CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
74-87-3	Chloromethane	ND		ug/L	0.372	0.500	1	EPA 8260C Certifications:	05/01/2023 09:00	05/01/2023 18:00	SMA CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
156-59-2	**cis-1,2-Dichloroethylene**	**10.7**		ug/L	0.294	0.500	1	EPA 8260C Certifications:	05/01/2023 09:00	05/01/2023 18:00	SMA CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PA
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.262	0.500	1	EPA 8260C Certifications:	05/01/2023 09:00	05/01/2023 18:00	SMA CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
124-48-1	Dibromochloromethane	ND		ug/L	0.146	0.500	1	EPA 8260C Certifications:	05/01/2023 09:00	05/01/2023 18:00	SMA CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
74-95-3	Dibromomethane	ND		ug/L	0.203	0.500	1	EPA 8260C Certifications:	05/01/2023 09:00	05/01/2023 18:00	SMA NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.451	0.500	1	EPA 8260C Certifications:	05/01/2023 09:00	05/01/2023 18:00	SMA NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
100-41-4	Ethyl Benzene	ND		ug/L	0.290	0.500	1	EPA 8260C Certifications:	05/01/2023 09:00	05/01/2023 18:00	SMA CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
87-68-3	Hexachlorobutadiene	ND		ug/L	0.241	0.500	1	EPA 8260C Certifications:	05/01/2023 09:00	05/01/2023 18:00	SMA NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
98-82-8	Isopropylbenzene	ND		ug/L	0.405	0.500	1	EPA 8260C Certifications:	05/01/2023 09:00	05/01/2023 18:00	SMA CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.244	0.500	1	EPA 8260C Certifications:	05/01/2023 09:00	05/01/2023 18:00	SMA CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI

Sample Information

Client Sample ID: 2013-4D

York Sample ID: 23D1512-16

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23D1512	80 Banks Avenue Rockville Centre 12-190	Ground Water	April 25, 2023 11:35 am	04/26/2023

VOA, 8260 LOW MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
75-09-2	**Methylene chloride**	**0.670**	J	ug/L	0.397	2.00	1	EPA 8260C	05/01/2023 09:00	05/01/2023 18:00	SMA
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PA		
91-20-3	Naphthalene	ND		ug/L	0.212	2.00	1	EPA 8260C	05/01/2023 09:00	05/01/2023 18:00	SMA
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
104-51-8	n-Butylbenzene	ND		ug/L	0.399	0.500	1	EPA 8260C	05/01/2023 09:00	05/01/2023 18:00	SMA
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
103-65-1	n-Propylbenzene	ND		ug/L	0.384	0.500	1	EPA 8260C	05/01/2023 09:00	05/01/2023 18:00	SMA
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
95-47-6	o-Xylene	ND		ug/L	0.261	0.500	1	EPA 8260C	05/01/2023 09:00	05/01/2023 18:00	SMA
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP		
179601-23-1	p- & m- Xylenes	ND		ug/L	0.578	1.00	1	EPA 8260C	05/01/2023 09:00	05/01/2023 18:00	SMA
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP		
105-05-5	* p-Diethylbenzene	ND		ug/L	0.341	0.500	1	EPA 8260C	05/01/2023 09:00	05/01/2023 18:00	SMA
								Certifications:			
622-96-8	* p-Ethyltoluene	ND		ug/L	0.200	0.500	1	EPA 8260C	05/01/2023 09:00	05/01/2023 18:00	SMA
								Certifications:			
99-87-6	p-Isopropyltoluene	ND		ug/L	0.377	0.500	1	EPA 8260C	05/01/2023 09:00	05/01/2023 18:00	SMA
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
135-98-8	sec-Butylbenzene	ND		ug/L	0.444	0.500	1	EPA 8260C	05/01/2023 09:00	05/01/2023 18:00	SMA
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
100-42-5	Styrene	ND		ug/L	0.255	0.500	1	EPA 8260C	05/01/2023 09:00	05/01/2023 18:00	SMA
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
98-06-6	tert-Butylbenzene	ND		ug/L	0.367	0.500	1	EPA 8260C	05/01/2023 09:00	05/01/2023 18:00	SMA
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
127-18-4	**Tetrachloroethylene**	**11.2**		ug/L	0.239	0.500	1	EPA 8260C	05/01/2023 09:00	05/01/2023 18:00	SMA
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PA		
108-88-3	Toluene	ND		ug/L	0.346	0.500	1	EPA 8260C	05/01/2023 09:00	05/01/2023 18:00	SMA
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.279	0.500	1	EPA 8260C	05/01/2023 09:00	05/01/2023 18:00	SMA
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.229	0.500	1	EPA 8260C	05/01/2023 09:00	05/01/2023 18:00	SMA
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
79-01-6	**Trichloroethylene**	**1.77**		ug/L	0.249	0.500	1	EPA 8260C	05/01/2023 09:00	05/01/2023 18:00	SMA
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PA		
75-69-4	Trichlorofluoromethane	ND		ug/L	0.337	0.500	1	EPA 8260C	05/01/2023 09:00	05/01/2023 18:00	SMA
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
75-01-4	Vinyl Chloride	ND		ug/L	0.469	0.500	1	EPA 8260C	05/01/2023 09:00	05/01/2023 18:00	SMA
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
1330-20-7	Xylenes, Total	ND		ug/L	0.836	1.50	1	EPA 8260C	05/01/2023 09:00	05/01/2023 18:00	SMA
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP		

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: SURR: 1,2-Dichloroethane-d4*	*102 %*	*69-130*
2037-26-5	*Surrogate: SURR: Toluene-d8*	*93.9 %*	*81-117*
460-00-4	*Surrogate: SURR: p-Bromofluorobenzene*	*91.4 %*	*79-122*

Sample Information

Client Sample ID: 2013-4D **York Sample ID:** 23D1512-16

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23D1512	80 Banks Avenue Rockville Centre 12-190	Ground Water	April 25, 2023 11:35 am	04/26/2023

Sample Information

Client Sample ID: DUP **York Sample ID:** 23D1512-17

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23D1512	80 Banks Avenue Rockville Centre 12-190	Ground Water	April 25, 2023 8:00 am	04/26/2023

VOA, 8260 LOW MASTER **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/L	0.216	0.500	1	EPA 8260C Certifications:	05/01/2023 09:00	05/01/2023 18:29 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	SMA
71-55-6	1,1,1-Trichloroethane	ND		ug/L	0.266	0.500	1	EPA 8260C Certifications:	05/01/2023 09:00	05/01/2023 18:29 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	SMA
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.256	0.500	1	EPA 8260C Certifications:	05/01/2023 09:00	05/01/2023 18:29 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	SMA
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/L	0.286	0.500	1	EPA 8260C Certifications:	05/01/2023 09:00	05/01/2023 18:29 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	SMA
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.249	0.500	1	EPA 8260C Certifications:	05/01/2023 09:00	05/01/2023 18:29 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	SMA
75-34-3	1,1-Dichloroethane	ND		ug/L	0.272	0.500	1	EPA 8260C Certifications:	05/01/2023 09:00	05/01/2023 18:29 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	SMA
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.327	0.500	1	EPA 8260C Certifications:	05/01/2023 09:00	05/01/2023 18:29 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	SMA
563-58-6	1,1-Dichloropropylene	ND		ug/L	0.314	0.500	1	EPA 8260C Certifications:	05/01/2023 09:00	05/01/2023 18:29 NELAC-NY10854,NELAC-NY12058,NJDEP	SMA
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	0.222	0.500	1	EPA 8260C Certifications:	05/01/2023 09:00	05/01/2023 18:29 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	SMA
96-18-4	1,2,3-Trichloropropane	ND		ug/L	0.273	0.500	1	EPA 8260C Certifications:	05/01/2023 09:00	05/01/2023 18:29 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	SMA
95-93-2	* 1,2,4,5-Tetramethylbenzene	ND		ug/L	0.255	0.500	1	EPA 8260C Certifications:	05/01/2023 09:00	05/01/2023 18:29	SMA
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.138	0.500	1	EPA 8260C Certifications:	05/01/2023 09:00	05/01/2023 18:29 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	SMA
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	0.310	0.500	1	EPA 8260C Certifications:	05/01/2023 09:00	05/01/2023 18:29 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	SMA
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.432	0.500	1	EPA 8260C Certifications:	05/01/2023 09:00	05/01/2023 18:29 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	SMA
106-93-4	1,2-Dibromoethane	ND		ug/L	0.215	0.500	1	EPA 8260C Certifications:	05/01/2023 09:00	05/01/2023 18:29 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	SMA
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.270	0.500	1	EPA 8260C Certifications:	05/01/2023 09:00	05/01/2023 18:29 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	SMA
107-06-2	1,2-Dichloroethane	ND		ug/L	0.377	0.500	1	EPA 8260C Certifications:	05/01/2023 09:00	05/01/2023 18:29 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	SMA
78-87-5	1,2-Dichloropropane	ND		ug/L	0.327	0.500	1	EPA 8260C Certifications:	05/01/2023 09:00	05/01/2023 18:29 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	SMA
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	0.347	0.500	1	EPA 8260C Certifications:	05/01/2023 09:00	05/01/2023 18:29 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	SMA

Sample Information

Client Sample ID: DUP

York Sample ID: 23D1512-17

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23D1512	80 Banks Avenue Rockville Centre 12-190	Ground Water	April 25, 2023 8:00 am	04/26/2023

VOA, 8260 LOW MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.283	0.500	1	EPA 8260C Certifications:	05/01/2023 09:00	05/01/2023 18:29	SMA CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
142-28-9	1,3-Dichloropropane	ND		ug/L	0.260	0.500	1	EPA 8260C Certifications:	05/01/2023 09:00	05/01/2023 18:29	SMA NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.311	0.500	1	EPA 8260C Certifications:	05/01/2023 09:00	05/01/2023 18:29	SMA CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
594-20-7	2,2-Dichloropropane	ND		ug/L	0.466	0.500	1	EPA 8260C Certifications:	05/01/2023 09:00	05/01/2023 18:29	SMA NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
78-93-3	2-Butanone	ND		ug/L	0.421	0.500	1	EPA 8260C Certifications:	05/01/2023 09:00	05/01/2023 18:29	SMA CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
95-49-8	2-Chlorotoluene	ND		ug/L	0.376	0.500	1	EPA 8260C Certifications:	05/01/2023 09:00	05/01/2023 18:29	SMA CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
591-78-6	2-Hexanone	ND		ug/L	0.320	0.500	1	EPA 8260C Certifications:	05/01/2023 09:00	05/01/2023 18:29	SMA CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
106-43-4	4-Chlorotoluene	ND		ug/L	0.311	0.500	1	EPA 8260C Certifications:	05/01/2023 09:00	05/01/2023 18:29	SMA CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
108-10-1	4-Methyl-2-pentanone	ND		ug/L	0.365	0.500	1	EPA 8260C Certifications:	05/01/2023 09:00	05/01/2023 18:29	SMA CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
67-64-1	Acetone	ND		ug/L	1.34	2.00	1	EPA 8260C Certifications:	05/01/2023 09:00	05/01/2023 18:29	SMA CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
71-43-2	Benzene	ND		ug/L	0.279	0.500	1	EPA 8260C Certifications:	05/01/2023 09:00	05/01/2023 18:29	SMA CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
108-86-1	Bromobenzene	ND		ug/L	0.367	0.500	1	EPA 8260C Certifications:	05/01/2023 09:00	05/01/2023 18:29	SMA NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
74-97-5	Bromochloromethane	ND		ug/L	0.354	0.500	1	EPA 8260C Certifications:	05/01/2023 09:00	05/01/2023 18:29	SMA NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
75-27-4	Bromodichloromethane	ND		ug/L	0.245	0.500	1	EPA 8260C Certifications:	05/01/2023 09:00	05/01/2023 18:29	SMA CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
75-25-2	Bromoform	ND		ug/L	0.163	0.500	1	EPA 8260C Certifications:	05/01/2023 09:00	05/01/2023 18:29	SMA CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
74-83-9	Bromomethane	ND		ug/L	0.119	0.500	1	EPA 8260C Certifications:	05/01/2023 09:00	05/01/2023 18:29	SMA CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
75-15-0	Carbon disulfide	ND		ug/L	0.362	0.500	1	EPA 8260C Certifications:	05/01/2023 09:00	05/01/2023 18:29	SMA CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
56-23-5	Carbon tetrachloride	ND		ug/L	0.204	0.500	1	EPA 8260C Certifications:	05/01/2023 09:00	05/01/2023 18:29	SMA CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
108-90-7	Chlorobenzene	ND		ug/L	0.284	0.500	1	EPA 8260C Certifications:	05/01/2023 09:00	05/01/2023 18:29	SMA CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
75-00-3	Chloroethane	ND		ug/L	0.448	0.500	1	EPA 8260C Certifications:	05/01/2023 09:00	05/01/2023 18:29	SMA CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
67-66-3	Chloroform	ND		ug/L	0.243	0.500	1	EPA 8260C Certifications:	05/01/2023 09:00	05/01/2023 18:29	SMA CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
74-87-3	Chloromethane	ND		ug/L	0.372	0.500	1	EPA 8260C Certifications:	05/01/2023 09:00	05/01/2023 18:29	SMA CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
156-59-2	cis-1,2-Dichloroethylene	ND		ug/L	0.294	0.500	1	EPA 8260C Certifications:	05/01/2023 09:00	05/01/2023 18:29	SMA CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI

Sample Information

Client Sample ID: DUP

York Sample ID: 23D1512-17

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23D1512	80 Banks Avenue Rockville Centre 12-190	Ground Water	April 25, 2023 8:00 am	04/26/2023

VOA, 8260 LOW MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.262	0.500	1	EPA 8260C Certifications:	05/01/2023 09:00	05/01/2023 18:29	SMA CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
124-48-1	Dibromochloromethane	ND		ug/L	0.146	0.500	1	EPA 8260C Certifications:	05/01/2023 09:00	05/01/2023 18:29	SMA CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
74-95-3	Dibromomethane	ND		ug/L	0.203	0.500	1	EPA 8260C Certifications:	05/01/2023 09:00	05/01/2023 18:29	SMA NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.451	0.500	1	EPA 8260C Certifications:	05/01/2023 09:00	05/01/2023 18:29	SMA NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
100-41-4	Ethyl Benzene	ND		ug/L	0.290	0.500	1	EPA 8260C Certifications:	05/01/2023 09:00	05/01/2023 18:29	SMA CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
87-68-3	Hexachlorobutadiene	ND		ug/L	0.241	0.500	1	EPA 8260C Certifications:	05/01/2023 09:00	05/01/2023 18:29	SMA NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
98-82-8	Isopropylbenzene	ND		ug/L	0.405	0.500	1	EPA 8260C Certifications:	05/01/2023 09:00	05/01/2023 18:29	SMA CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.244	0.500	1	EPA 8260C Certifications:	05/01/2023 09:00	05/01/2023 18:29	SMA CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
75-09-2	Methylene chloride	ND		ug/L	0.397	2.00	1	EPA 8260C Certifications:	05/01/2023 09:00	05/01/2023 18:29	SMA CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
91-20-3	Naphthalene	ND		ug/L	0.212	2.00	1	EPA 8260C Certifications:	05/01/2023 09:00	05/01/2023 18:29	SMA NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
104-51-8	n-Butylbenzene	ND		ug/L	0.399	0.500	1	EPA 8260C Certifications:	05/01/2023 09:00	05/01/2023 18:29	SMA CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
103-65-1	n-Propylbenzene	ND		ug/L	0.384	0.500	1	EPA 8260C Certifications:	05/01/2023 09:00	05/01/2023 18:29	SMA CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
95-47-6	o-Xylene	ND		ug/L	0.261	0.500	1	EPA 8260C Certifications:	05/01/2023 09:00	05/01/2023 18:29	SMA CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP
179601-23-1	p- & m- Xylenes	ND		ug/L	0.578	1.00	1	EPA 8260C Certifications:	05/01/2023 09:00	05/01/2023 18:29	SMA CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP
105-05-5	* p-Diethylbenzene	ND		ug/L	0.341	0.500	1	EPA 8260C Certifications:	05/01/2023 09:00	05/01/2023 18:29	SMA
622-96-8	* p-Ethyltoluene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	05/01/2023 09:00	05/01/2023 18:29	SMA
99-87-6	p-Isopropyltoluene	ND		ug/L	0.377	0.500	1	EPA 8260C Certifications:	05/01/2023 09:00	05/01/2023 18:29	SMA CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
135-98-8	sec-Butylbenzene	ND		ug/L	0.444	0.500	1	EPA 8260C Certifications:	05/01/2023 09:00	05/01/2023 18:29	SMA CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
100-42-5	Styrene	ND		ug/L	0.255	0.500	1	EPA 8260C Certifications:	05/01/2023 09:00	05/01/2023 18:29	SMA CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
98-06-6	tert-Butylbenzene	ND		ug/L	0.367	0.500	1	EPA 8260C Certifications:	05/01/2023 09:00	05/01/2023 18:29	SMA CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
127-18-4	**Tetrachloroethylene**	**0.390**	J	ug/L	0.239	0.500	1	EPA 8260C Certifications:	05/01/2023 09:00	05/01/2023 18:29	SMA CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PA
108-88-3	Toluene	ND		ug/L	0.346	0.500	1	EPA 8260C Certifications:	05/01/2023 09:00	05/01/2023 18:29	SMA CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.279	0.500	1	EPA 8260C Certifications:	05/01/2023 09:00	05/01/2023 18:29	SMA CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI

Sample Information

Client Sample ID: DUP **York Sample ID:** 23D1512-17

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23D1512	80 Banks Avenue Rockville Centre 12-190	Ground Water	April 25, 2023 8:00 am	04/26/2023

VOA, 8260 LOW MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.229	0.500	1	EPA 8260C	05/01/2023 09:00	05/01/2023 18:29	SMA
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
79-01-6	Trichloroethylene	ND		ug/L	0.249	0.500	1	EPA 8260C	05/01/2023 09:00	05/01/2023 18:29	SMA
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
75-69-4	Trichlorofluoromethane	ND		ug/L	0.337	0.500	1	EPA 8260C	05/01/2023 09:00	05/01/2023 18:29	SMA
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
75-01-4	Vinyl Chloride	ND		ug/L	0.469	0.500	1	EPA 8260C	05/01/2023 09:00	05/01/2023 18:29	SMA
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
1330-20-7	Xylenes, Total	ND		ug/L	0.836	1.50	1	EPA 8260C	05/01/2023 09:00	05/01/2023 18:29	SMA
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP		

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: SURR: 1,2-Dichloroethane-d4*	*101 %*	*69-130*
2037-26-5	*Surrogate: SURR: Toluene-d8*	*94.3 %*	*81-117*
460-00-4	*Surrogate: SURR: p-Bromofluorobenzene*	*90.5 %*	*79-122*

Sample Information

Client Sample ID: System Influent **York Sample ID:** 23D1512-18

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23D1512	80 Banks Avenue Rockville Centre 12-190	Ground Water	April 25, 2023 7:30 am	04/26/2023

VOA, 8260 LOW MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/L	0.216	0.500	1	EPA 8260C	05/01/2023 09:00	05/01/2023 18:59	SMA
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
71-55-6	1,1,1-Trichloroethane	ND		ug/L	0.266	0.500	1	EPA 8260C	05/01/2023 09:00	05/01/2023 18:59	SMA
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.256	0.500	1	EPA 8260C	05/01/2023 09:00	05/01/2023 18:59	SMA
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/L	0.286	0.500	1	EPA 8260C	05/01/2023 09:00	05/01/2023 18:59	SMA
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.249	0.500	1	EPA 8260C	05/01/2023 09:00	05/01/2023 18:59	SMA
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
75-34-3	1,1-Dichloroethane	ND		ug/L	0.272	0.500	1	EPA 8260C	05/01/2023 09:00	05/01/2023 18:59	SMA
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.327	0.500	1	EPA 8260C	05/01/2023 09:00	05/01/2023 18:59	SMA
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
563-58-6	1,1-Dichloropropylene	ND		ug/L	0.314	0.500	1	EPA 8260C	05/01/2023 09:00	05/01/2023 18:59	SMA
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP		

Sample Information

Client Sample ID: **System Influent** **York Sample ID:** **23D1512-18**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23D1512	80 Banks Avenue Rockville Centre 12-190	Ground Water	April 25, 2023 7:30 am	04/26/2023

VOA, 8260 LOW MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	0.222	0.500	1	EPA 8260C Certifications:	05/01/2023 09:00 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/01/2023 18:59	SMA
96-18-4	1,2,3-Trichloropropane	ND		ug/L	0.273	0.500	1	EPA 8260C Certifications:	05/01/2023 09:00 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/01/2023 18:59	SMA
95-93-2	* 1,2,4,5-Tetramethylbenzene	ND		ug/L	0.255	0.500	1	EPA 8260C Certifications:	05/01/2023 09:00	05/01/2023 18:59	SMA
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.138	0.500	1	EPA 8260C Certifications:	05/01/2023 09:00 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/01/2023 18:59	SMA
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	0.310	0.500	1	EPA 8260C Certifications:	05/01/2023 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	05/01/2023 18:59	SMA
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.432	0.500	1	EPA 8260C Certifications:	05/01/2023 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	05/01/2023 18:59	SMA
106-93-4	1,2-Dibromoethane	ND		ug/L	0.215	0.500	1	EPA 8260C Certifications:	05/01/2023 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	05/01/2023 18:59	SMA
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.270	0.500	1	EPA 8260C Certifications:	05/01/2023 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	05/01/2023 18:59	SMA
107-06-2	1,2-Dichloroethane	ND		ug/L	0.377	0.500	1	EPA 8260C Certifications:	05/01/2023 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	05/01/2023 18:59	SMA
78-87-5	1,2-Dichloropropane	ND		ug/L	0.327	0.500	1	EPA 8260C Certifications:	05/01/2023 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	05/01/2023 18:59	SMA
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	0.347	0.500	1	EPA 8260C Certifications:	05/01/2023 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	05/01/2023 18:59	SMA
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.283	0.500	1	EPA 8260C Certifications:	05/01/2023 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	05/01/2023 18:59	SMA
142-28-9	1,3-Dichloropropane	ND		ug/L	0.260	0.500	1	EPA 8260C Certifications:	05/01/2023 09:00 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/01/2023 18:59	SMA
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.311	0.500	1	EPA 8260C Certifications:	05/01/2023 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	05/01/2023 18:59	SMA
594-20-7	2,2-Dichloropropane	ND		ug/L	0.466	0.500	1	EPA 8260C Certifications:	05/01/2023 09:00 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/01/2023 18:59	SMA
78-93-3	2-Butanone	ND		ug/L	0.421	0.500	1	EPA 8260C Certifications:	05/01/2023 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	05/01/2023 18:59	SMA
95-49-8	2-Chlorotoluene	ND		ug/L	0.376	0.500	1	EPA 8260C Certifications:	05/01/2023 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	05/01/2023 18:59	SMA
591-78-6	2-Hexanone	ND		ug/L	0.320	0.500	1	EPA 8260C Certifications:	05/01/2023 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	05/01/2023 18:59	SMA
106-43-4	4-Chlorotoluene	ND		ug/L	0.311	0.500	1	EPA 8260C Certifications:	05/01/2023 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	05/01/2023 18:59	SMA
108-10-1	4-Methyl-2-pentanone	ND		ug/L	0.365	0.500	1	EPA 8260C Certifications:	05/01/2023 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	05/01/2023 18:59	SMA
67-64-1	**Acetone**	**1.98**	J	ug/L	1.34	2.00	1	EPA 8260C Certifications:	05/01/2023 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PA	05/01/2023 18:59	SMA
71-43-2	Benzene	ND		ug/L	0.279	0.500	1	EPA 8260C Certifications:	05/01/2023 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	05/01/2023 18:59	SMA
108-86-1	Bromobenzene	ND		ug/L	0.367	0.500	1	EPA 8260C Certifications:	05/01/2023 09:00 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/01/2023 18:59	SMA

Sample Information

Client Sample ID: **System Influent** **York Sample ID:** **23D1512-18**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23D1512	80 Banks Avenue Rockville Centre 12-190	Ground Water	April 25, 2023 7:30 am	04/26/2023

VOA, 8260 LOW MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
74-97-5	Bromochloromethane	ND		ug/L	0.354	0.500	1	EPA 8260C Certifications:	05/01/2023 09:00	05/01/2023 18:59 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	SMA
75-27-4	Bromodichloromethane	ND		ug/L	0.245	0.500	1	EPA 8260C Certifications:	05/01/2023 09:00	05/01/2023 18:59 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	SMA
75-25-2	Bromoform	ND		ug/L	0.163	0.500	1	EPA 8260C Certifications:	05/01/2023 09:00	05/01/2023 18:59 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	SMA
74-83-9	Bromomethane	ND		ug/L	0.119	0.500	1	EPA 8260C Certifications:	05/01/2023 09:00	05/01/2023 18:59 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	SMA
75-15-0	Carbon disulfide	ND		ug/L	0.362	0.500	1	EPA 8260C Certifications:	05/01/2023 09:00	05/01/2023 18:59 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	SMA
56-23-5	Carbon tetrachloride	ND		ug/L	0.204	0.500	1	EPA 8260C Certifications:	05/01/2023 09:00	05/01/2023 18:59 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	SMA
108-90-7	Chlorobenzene	ND		ug/L	0.284	0.500	1	EPA 8260C Certifications:	05/01/2023 09:00	05/01/2023 18:59 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	SMA
75-00-3	Chloroethane	ND		ug/L	0.448	0.500	1	EPA 8260C Certifications:	05/01/2023 09:00	05/01/2023 18:59 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	SMA
67-66-3	Chloroform	ND		ug/L	0.243	0.500	1	EPA 8260C Certifications:	05/01/2023 09:00	05/01/2023 18:59 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	SMA
74-87-3	Chloromethane	ND		ug/L	0.372	0.500	1	EPA 8260C Certifications:	05/01/2023 09:00	05/01/2023 18:59 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	SMA
156-59-2	**cis-1,2-Dichloroethylene**	**27.8**		ug/L	0.294	0.500	1	EPA 8260C Certifications:	05/01/2023 09:00	05/01/2023 18:59 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PA	SMA
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.262	0.500	1	EPA 8260C Certifications:	05/01/2023 09:00	05/01/2023 18:59 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	SMA
124-48-1	Dibromochloromethane	ND		ug/L	0.146	0.500	1	EPA 8260C Certifications:	05/01/2023 09:00	05/01/2023 18:59 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	SMA
74-95-3	Dibromomethane	ND		ug/L	0.203	0.500	1	EPA 8260C Certifications:	05/01/2023 09:00	05/01/2023 18:59 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	SMA
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.451	0.500	1	EPA 8260C Certifications:	05/01/2023 09:00	05/01/2023 18:59 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	SMA
100-41-4	Ethyl Benzene	ND		ug/L	0.290	0.500	1	EPA 8260C Certifications:	05/01/2023 09:00	05/01/2023 18:59 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	SMA
87-68-3	Hexachlorobutadiene	ND		ug/L	0.241	0.500	1	EPA 8260C Certifications:	05/01/2023 09:00	05/01/2023 18:59 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	SMA
98-82-8	Isopropylbenzene	ND		ug/L	0.405	0.500	1	EPA 8260C Certifications:	05/01/2023 09:00	05/01/2023 18:59 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	SMA
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.244	0.500	1	EPA 8260C Certifications:	05/01/2023 09:00	05/01/2023 18:59 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	SMA
75-09-2	Methylene chloride	ND		ug/L	0.397	2.00	1	EPA 8260C Certifications:	05/01/2023 09:00	05/01/2023 18:59 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	SMA
91-20-3	Naphthalene	ND		ug/L	0.212	2.00	1	EPA 8260C Certifications:	05/01/2023 09:00	05/01/2023 18:59 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	SMA
104-51-8	n-Butylbenzene	ND		ug/L	0.399	0.500	1	EPA 8260C Certifications:	05/01/2023 09:00	05/01/2023 18:59 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	SMA
103-65-1	n-Propylbenzene	ND		ug/L	0.384	0.500	1	EPA 8260C Certifications:	05/01/2023 09:00	05/01/2023 18:59 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	SMA

Sample Information

Client Sample ID: **System Influent** **York Sample ID:** **23D1512-18**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23D1512	80 Banks Avenue Rockville Centre 12-190	Ground Water	April 25, 2023 7:30 am	04/26/2023

VOA, 8260 LOW MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
95-47-6	o-Xylene	ND		ug/L	0.261	0.500	1	EPA 8260C Certifications:	05/01/2023 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP	05/01/2023 18:59	SMA
179601-23-1	p- & m- Xylenes	ND		ug/L	0.578	1.00	1	EPA 8260C Certifications:	05/01/2023 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP	05/01/2023 18:59	SMA
105-05-5	* p-Diethylbenzene	ND		ug/L	0.341	0.500	1	EPA 8260C Certifications:	05/01/2023 09:00	05/01/2023 18:59	SMA
622-96-8	* p-Ethyltoluene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	05/01/2023 09:00	05/01/2023 18:59	SMA
99-87-6	p-Isopropyltoluene	ND		ug/L	0.377	0.500	1	EPA 8260C Certifications:	05/01/2023 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	05/01/2023 18:59	SMA
135-98-8	sec-Butylbenzene	ND		ug/L	0.444	0.500	1	EPA 8260C Certifications:	05/01/2023 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	05/01/2023 18:59	SMA
100-42-5	Styrene	ND		ug/L	0.255	0.500	1	EPA 8260C Certifications:	05/01/2023 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	05/01/2023 18:59	SMA
98-06-6	tert-Butylbenzene	ND		ug/L	0.367	0.500	1	EPA 8260C Certifications:	05/01/2023 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	05/01/2023 18:59	SMA
127-18-4	**Tetrachloroethylene**	**129**		ug/L	2.39	5.00	10	EPA 8260C Certifications:	05/02/2023 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PA	05/02/2023 16:44	SMA
108-88-3	Toluene	ND		ug/L	0.346	0.500	1	EPA 8260C Certifications:	05/01/2023 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	05/01/2023 18:59	SMA
156-60-5	**trans-1,2-Dichloroethylene**	**0.510**		ug/L	0.279	0.500	1	EPA 8260C Certifications:	05/01/2023 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PA	05/01/2023 18:59	SMA
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.229	0.500	1	EPA 8260C Certifications:	05/01/2023 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	05/01/2023 18:59	SMA
79-01-6	**Trichloroethylene**	**16.4**		ug/L	0.249	0.500	1	EPA 8260C Certifications:	05/01/2023 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PA	05/01/2023 18:59	SMA
75-69-4	Trichlorofluoromethane	ND		ug/L	0.337	0.500	1	EPA 8260C Certifications:	05/01/2023 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	05/01/2023 18:59	SMA
75-01-4	**Vinyl Chloride**	**1.64**		ug/L	0.469	0.500	1	EPA 8260C Certifications:	05/01/2023 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PA	05/01/2023 18:59	SMA
1330-20-7	Xylenes, Total	ND		ug/L	0.836	1.50	1	EPA 8260C Certifications:	05/01/2023 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP	05/01/2023 18:59	SMA

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: SURR: 1,2-Dichloroethane-d4*	*100 %*	*69-130*
2037-26-5	*Surrogate: SURR: Toluene-d8*	*93.3 %*	*81-117*
460-00-4	*Surrogate: SURR: p-Bromofluorobenzene*	*91.9 %*	*79-122*

Sample Information

Client Sample ID: **Trip Blank** **York Sample ID:** **23D1512-19**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23D1512	80 Banks Avenue Rockville Centre 12-190	Water	April 25, 2023 7:00 am	04/26/2023

VOA, 8260 LOW MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/L	0.216	0.500	1	EPA 8260C Certifications:	05/01/2023 09:00	05/01/2023 12:32	SMA CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
71-55-6	1,1,1-Trichloroethane	ND		ug/L	0.266	0.500	1	EPA 8260C Certifications:	05/01/2023 09:00	05/01/2023 12:32	SMA CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.256	0.500	1	EPA 8260C Certifications:	05/01/2023 09:00	05/01/2023 12:32	SMA CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/L	0.286	0.500	1	EPA 8260C Certifications:	05/01/2023 09:00	05/01/2023 12:32	SMA CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.249	0.500	1	EPA 8260C Certifications:	05/01/2023 09:00	05/01/2023 12:32	SMA CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
75-34-3	1,1-Dichloroethane	ND		ug/L	0.272	0.500	1	EPA 8260C Certifications:	05/01/2023 09:00	05/01/2023 12:32	SMA CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.327	0.500	1	EPA 8260C Certifications:	05/01/2023 09:00	05/01/2023 12:32	SMA CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
563-58-6	1,1-Dichloropropylene	ND		ug/L	0.314	0.500	1	EPA 8260C Certifications:	05/01/2023 09:00	05/01/2023 12:32	SMA NELAC-NY10854,NELAC-NY12058,NJDEP
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	0.222	0.500	1	EPA 8260C Certifications:	05/01/2023 09:00	05/01/2023 12:32	SMA NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
96-18-4	1,2,3-Trichloropropane	ND		ug/L	0.273	0.500	1	EPA 8260C Certifications:	05/01/2023 09:00	05/01/2023 12:32	SMA NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
95-93-2	* 1,2,4,5-Tetramethylbenzene	ND		ug/L	0.255	0.500	1	EPA 8260C Certifications:	05/01/2023 09:00	05/01/2023 12:32	SMA
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.138	0.500	1	EPA 8260C Certifications:	05/01/2023 09:00	05/01/2023 12:32	SMA NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	0.310	0.500	1	EPA 8260C Certifications:	05/01/2023 09:00	05/01/2023 12:32	SMA CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.432	0.500	1	EPA 8260C Certifications:	05/01/2023 09:00	05/01/2023 12:32	SMA CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
106-93-4	1,2-Dibromoethane	ND		ug/L	0.215	0.500	1	EPA 8260C Certifications:	05/01/2023 09:00	05/01/2023 12:32	SMA CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.270	0.500	1	EPA 8260C Certifications:	05/01/2023 09:00	05/01/2023 12:32	SMA CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
107-06-2	1,2-Dichloroethane	ND		ug/L	0.377	0.500	1	EPA 8260C Certifications:	05/01/2023 09:00	05/01/2023 12:32	SMA CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
78-87-5	1,2-Dichloropropane	ND		ug/L	0.327	0.500	1	EPA 8260C Certifications:	05/01/2023 09:00	05/01/2023 12:32	SMA CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	0.347	0.500	1	EPA 8260C Certifications:	05/01/2023 09:00	05/01/2023 12:32	SMA CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.283	0.500	1	EPA 8260C Certifications:	05/01/2023 09:00	05/01/2023 12:32	SMA CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
142-28-9	1,3-Dichloropropane	ND		ug/L	0.260	0.500	1	EPA 8260C Certifications:	05/01/2023 09:00	05/01/2023 12:32	SMA NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.311	0.500	1	EPA 8260C Certifications:	05/01/2023 09:00	05/01/2023 12:32	SMA CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
594-20-7	2,2-Dichloropropane	ND		ug/L	0.466	0.500	1	EPA 8260C Certifications:	05/01/2023 09:00	05/01/2023 12:32	SMA NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP

Sample Information

Client Sample ID: Trip Blank

York Sample ID: 23D1512-19

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23D1512	80 Banks Avenue Rockville Centre 12-190	Water	April 25, 2023 7:00 am	04/26/2023

VOA, 8260 LOW MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
78-93-3	2-Butanone	ND		ug/L	0.421	0.500	1	EPA 8260C Certifications:	05/01/2023 09:00	05/01/2023 12:32	SMA CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
95-49-8	2-Chlorotoluene	ND		ug/L	0.376	0.500	1	EPA 8260C Certifications:	05/01/2023 09:00	05/01/2023 12:32	SMA CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
591-78-6	2-Hexanone	ND		ug/L	0.320	0.500	1	EPA 8260C Certifications:	05/01/2023 09:00	05/01/2023 12:32	SMA CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
106-43-4	4-Chlorotoluene	ND		ug/L	0.311	0.500	1	EPA 8260C Certifications:	05/01/2023 09:00	05/01/2023 12:32	SMA CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
108-10-1	4-Methyl-2-pentanone	ND		ug/L	0.365	0.500	1	EPA 8260C Certifications:	05/01/2023 09:00	05/01/2023 12:32	SMA CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
67-64-1	Acetone	ND		ug/L	1.34	2.00	1	EPA 8260C Certifications:	05/01/2023 09:00	05/01/2023 12:32	SMA CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
71-43-2	Benzene	ND		ug/L	0.279	0.500	1	EPA 8260C Certifications:	05/01/2023 09:00	05/01/2023 12:32	SMA CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
108-86-1	Bromobenzene	ND		ug/L	0.367	0.500	1	EPA 8260C Certifications:	05/01/2023 09:00	05/01/2023 12:32	SMA NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
74-97-5	Bromochloromethane	ND		ug/L	0.354	0.500	1	EPA 8260C Certifications:	05/01/2023 09:00	05/01/2023 12:32	SMA NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
75-27-4	Bromodichloromethane	ND		ug/L	0.245	0.500	1	EPA 8260C Certifications:	05/01/2023 09:00	05/01/2023 12:32	SMA CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
75-25-2	Bromoform	ND		ug/L	0.163	0.500	1	EPA 8260C Certifications:	05/01/2023 09:00	05/01/2023 12:32	SMA CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
74-83-9	Bromomethane	ND		ug/L	0.119	0.500	1	EPA 8260C Certifications:	05/01/2023 09:00	05/01/2023 12:32	SMA CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
75-15-0	Carbon disulfide	ND		ug/L	0.362	0.500	1	EPA 8260C Certifications:	05/01/2023 09:00	05/01/2023 12:32	SMA CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
56-23-5	Carbon tetrachloride	ND		ug/L	0.204	0.500	1	EPA 8260C Certifications:	05/01/2023 09:00	05/01/2023 12:32	SMA CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
108-90-7	Chlorobenzene	ND		ug/L	0.284	0.500	1	EPA 8260C Certifications:	05/01/2023 09:00	05/01/2023 12:32	SMA CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
75-00-3	Chloroethane	ND		ug/L	0.448	0.500	1	EPA 8260C Certifications:	05/01/2023 09:00	05/01/2023 12:32	SMA CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
67-66-3	Chloroform	ND		ug/L	0.243	0.500	1	EPA 8260C Certifications:	05/01/2023 09:00	05/01/2023 12:32	SMA CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
74-87-3	Chloromethane	ND		ug/L	0.372	0.500	1	EPA 8260C Certifications:	05/01/2023 09:00	05/01/2023 12:32	SMA CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
156-59-2	cis-1,2-Dichloroethylene	ND		ug/L	0.294	0.500	1	EPA 8260C Certifications:	05/01/2023 09:00	05/01/2023 12:32	SMA CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.262	0.500	1	EPA 8260C Certifications:	05/01/2023 09:00	05/01/2023 12:32	SMA CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
124-48-1	Dibromochloromethane	ND		ug/L	0.146	0.500	1	EPA 8260C Certifications:	05/01/2023 09:00	05/01/2023 12:32	SMA CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
74-95-3	Dibromomethane	ND		ug/L	0.203	0.500	1	EPA 8260C Certifications:	05/01/2023 09:00	05/01/2023 12:32	SMA NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.451	0.500	1	EPA 8260C Certifications:	05/01/2023 09:00	05/01/2023 12:32	SMA NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP

Sample Information

Client Sample ID: **Trip Blank** **York Sample ID:** **23D1512-19**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23D1512	80 Banks Avenue Rockville Centre 12-190	Water	April 25, 2023 7:00 am	04/26/2023

VOA, 8260 LOW MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
100-41-4	Ethyl Benzene	ND		ug/L	0.290	0.500	1	EPA 8260C Certifications:	05/01/2023 09:00	05/01/2023 12:32	SMA CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
87-68-3	Hexachlorobutadiene	ND		ug/L	0.241	0.500	1	EPA 8260C Certifications:	05/01/2023 09:00	05/01/2023 12:32	SMA NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
98-82-8	Isopropylbenzene	ND		ug/L	0.405	0.500	1	EPA 8260C Certifications:	05/01/2023 09:00	05/01/2023 12:32	SMA CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.244	0.500	1	EPA 8260C Certifications:	05/01/2023 09:00	05/01/2023 12:32	SMA CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
75-09-2	**Methylene chloride**	**1.58**	J	ug/L	0.397	2.00	1	EPA 8260C Certifications:	05/01/2023 09:00	05/01/2023 12:32	SMA CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PA
91-20-3	Naphthalene	ND		ug/L	0.212	2.00	1	EPA 8260C Certifications:	05/01/2023 09:00	05/01/2023 12:32	SMA NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
104-51-8	n-Butylbenzene	ND		ug/L	0.399	0.500	1	EPA 8260C Certifications:	05/01/2023 09:00	05/01/2023 12:32	SMA CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
103-65-1	n-Propylbenzene	ND		ug/L	0.384	0.500	1	EPA 8260C Certifications:	05/01/2023 09:00	05/01/2023 12:32	SMA CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
95-47-6	o-Xylene	ND		ug/L	0.261	0.500	1	EPA 8260C Certifications:	05/01/2023 09:00	05/01/2023 12:32	SMA CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP
179601-23-1	p- & m- Xylenes	ND		ug/L	0.578	1.00	1	EPA 8260C Certifications:	05/01/2023 09:00	05/01/2023 12:32	SMA CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP
105-05-5	* p-Diethylbenzene	ND		ug/L	0.341	0.500	1	EPA 8260C Certifications:	05/01/2023 09:00	05/01/2023 12:32	SMA
622-96-8	* p-Ethyltoluene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	05/01/2023 09:00	05/01/2023 12:32	SMA
99-87-6	p-Isopropyltoluene	ND		ug/L	0.377	0.500	1	EPA 8260C Certifications:	05/01/2023 09:00	05/01/2023 12:32	SMA CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
135-98-8	sec-Butylbenzene	ND		ug/L	0.444	0.500	1	EPA 8260C Certifications:	05/01/2023 09:00	05/01/2023 12:32	SMA CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
100-42-5	Styrene	ND		ug/L	0.255	0.500	1	EPA 8260C Certifications:	05/01/2023 09:00	05/01/2023 12:32	SMA CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
98-06-6	tert-Butylbenzene	ND		ug/L	0.367	0.500	1	EPA 8260C Certifications:	05/01/2023 09:00	05/01/2023 12:32	SMA CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
127-18-4	Tetrachloroethylene	ND		ug/L	0.239	0.500	1	EPA 8260C Certifications:	05/01/2023 09:00	05/01/2023 12:32	SMA CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
108-88-3	Toluene	ND		ug/L	0.346	0.500	1	EPA 8260C Certifications:	05/01/2023 09:00	05/01/2023 12:32	SMA CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.279	0.500	1	EPA 8260C Certifications:	05/01/2023 09:00	05/01/2023 12:32	SMA CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.229	0.500	1	EPA 8260C Certifications:	05/01/2023 09:00	05/01/2023 12:32	SMA CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
79-01-6	Trichloroethylene	ND		ug/L	0.249	0.500	1	EPA 8260C Certifications:	05/01/2023 09:00	05/01/2023 12:32	SMA CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
75-69-4	Trichlorofluoromethane	ND		ug/L	0.337	0.500	1	EPA 8260C Certifications:	05/01/2023 09:00	05/01/2023 12:32	SMA CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
75-01-4	Vinyl Chloride	ND		ug/L	0.469	0.500	1	EPA 8260C Certifications:	05/01/2023 09:00	05/01/2023 12:32	SMA CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI

Sample Information

Client Sample ID: **Trip Blank** **York Sample ID:** **23D1512-19**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23D1512	80 Banks Avenue Rockville Centre 12-190	Water	April 25, 2023 7:00 am	04/26/2023

VOA, 8260 LOW MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
1330-20-7	Xylenes, Total	ND		ug/L	0.836	1.50	1	EPA 8260C	05/01/2023 09:00	05/01/2023 12:32	SMA
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP		

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: SURR: 1,2-Dichloroethane-d4*	*101 %*	*69-130*
2037-26-5	*Surrogate: SURR: Toluene-d8*	*94.5 %*	*81-117*
460-00-4	*Surrogate: SURR: p-Bromofluorobenzene*	*90.6 %*	*79-122*

Analytical Batch Summary

Batch ID: BD31868 **Preparation Method:** EPA 5030B **Prepared By:** SMA

YORK Sample ID	Client Sample ID	Preparation Date
23D1512-01	2010-1A	04/27/23
23D1512-02	2010-1B	04/27/23
23D1512-03	2010-1C	04/27/23
23D1512-04	2010-1D	04/27/23
23D1512-05	2010-2A	04/27/23
23D1512-06	2010-2B	04/27/23
23D1512-07	2010-2C	04/27/23
23D1512-08	2010-2D	04/27/23
BD31868-BLK1	Blank	04/27/23
BD31868-BS1	LCS	04/27/23
BD31868-BSD1	LCS Dup	04/27/23

Batch ID: BD31971 **Preparation Method:** EPA 5030B **Prepared By:** SMA

YORK Sample ID	Client Sample ID	Preparation Date
23D1512-09	2020-3A-R	04/28/23
BD31971-BLK1	Blank	04/28/23
BD31971-BS1	LCS	04/28/23
BD31971-BSD1	LCS Dup	04/28/23

Batch ID: BE30040 **Preparation Method:** EPA 5030B **Prepared By:** SMA

YORK Sample ID	Client Sample ID	Preparation Date
23D1512-04RE1	2010-1D	04/27/23
23D1512-08RE1	2010-2D	05/01/23
23D1512-08RE2	2010-2D	05/01/23
23D1512-11	2020-3CR	05/01/23
23D1512-12	2010-3D	05/01/23
23D1512-14	2013-4B	05/01/23
23D1512-15	2013-4C	05/01/23
23D1512-16	2013-4D	05/01/23
23D1512-17	DUP	05/01/23
23D1512-18	System Influent	05/01/23
23D1512-19	Trip Blank	05/01/23
BE30040-BLK1	Blank	05/01/23
BE30040-BS1	LCS	05/01/23
BE30040-BSD1	LCS Dup	05/01/23

Batch ID: BE30112 **Preparation Method:** EPA 5030B **Prepared By:** SMA

YORK Sample ID	Client Sample ID	Preparation Date
23D1512-10	2020-3BR	05/02/23
23D1512-12RE1	2010-3D	05/02/23
23D1512-18RE1	System Influent	05/02/23

BE30112-BLK1	Blank	05/02/23
BE30112-BS1	LCS	05/02/23
BE30112-BSD1	LCS Dup	05/02/23

Batch ID: BE30203 **Preparation Method:** EPA 5030B **Prepared By:** SMA

YORK Sample ID	Client Sample ID	Preparation Date
23D1512-13	2013-4A	05/03/23
BE30203-BLK1	Blank	05/03/23
BE30203-BS1	LCS	05/03/23
BE30203-BSD1	LCS Dup	05/03/23

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BD31868 - EPA 5030B											
Blank (BD31868-BLK1)									Prepared & Analyzed: 04/27/2023		
1,1,1,2-Tetrachloroethane	ND	0.500	ug/L								
1,1,1-Trichloroethane	ND	0.500	"								
1,1,2,2-Tetrachloroethane	ND	0.500	"								
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	0.500	"								
1,1,2-Trichloroethane	ND	0.500	"								
1,1-Dichloroethane	ND	0.500	"								
1,1-Dichloroethylene	ND	0.500	"								
1,1-Dichloropropylene	ND	0.500	"								
1,2,3-Trichlorobenzene	ND	0.500	"								
1,2,3-Trichloropropane	ND	0.500	"								
1,2,4,5-Tetramethylbenzene	ND	0.500	"								
1,2,4-Trichlorobenzene	ND	0.500	"								
1,2,4-Trimethylbenzene	ND	0.500	"								
1,2-Dibromo-3-chloropropane	ND	0.500	"								
1,2-Dibromoethane	ND	0.500	"								
1,2-Dichlorobenzene	ND	0.500	"								
1,2-Dichloroethane	ND	0.500	"								
1,2-Dichloropropane	ND	0.500	"								
1,3,5-Trimethylbenzene	ND	0.500	"								
1,3-Dichlorobenzene	ND	0.500	"								
1,3-Dichloropropane	ND	0.500	"								
1,4-Dichlorobenzene	ND	0.500	"								
2,2-Dichloropropane	ND	0.500	"								
2-Butanone	ND	0.500	"								
2-Chlorotoluene	ND	0.500	"								
2-Hexanone	ND	0.500	"								
4-Chlorotoluene	ND	0.500	"								
4-Methyl-2-pentanone	ND	0.500	"								
Acetone	ND	2.00	"								
Benzene	ND	0.500	"								
Bromobenzene	ND	0.500	"								
Bromochloromethane	ND	0.500	"								
Bromodichloromethane	ND	0.500	"								
Bromoform	ND	0.500	"								
Bromomethane	ND	0.500	"								
Carbon disulfide	ND	0.500	"								
Carbon tetrachloride	ND	0.500	"								
Chlorobenzene	ND	0.500	"								
Chloroethane	ND	0.500	"								
Chloroform	ND	0.500	"								
Chloromethane	ND	0.500	"								
cis-1,2-Dichloroethylene	ND	0.500	"								
cis-1,3-Dichloropropylene	ND	0.500	"								
Dibromochloromethane	ND	0.500	"								
Dibromomethane	ND	0.500	"								
Dichlorodifluoromethane	ND	0.500	"								
Ethyl Benzene	ND	0.500	"								
Hexachlorobutadiene	0.300	0.500	"								
Isopropylbenzene	ND	0.500	"								

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BD31868 - EPA 5030B											
Blank (BD31868-BLK1)								Prepared & Analyzed: 04/27/2023			
Methyl tert-butyl ether (MTBE)	ND	0.500	ug/L								
Methylene chloride	0.550	2.00	"								
Naphthalene	ND	2.00	"								
n-Butylbenzene	ND	0.500	"								
n-Propylbenzene	ND	0.500	"								
o-Xylene	ND	0.500	"								
p- & m- Xylenes	ND	1.00	"								
p-Diethylbenzene	ND	0.500	"								
p-Ethyltoluene	ND	0.500	"								
p-Isopropyltoluene	ND	0.500	"								
sec-Butylbenzene	ND	0.500	"								
Styrene	ND	0.500	"								
tert-Butylbenzene	ND	0.500	"								
Tetrachloroethylene	ND	0.500	"								
Toluene	ND	0.500	"								
trans-1,2-Dichloroethylene	ND	0.500	"								
trans-1,3-Dichloropropylene	ND	0.500	"								
Trichloroethylene	ND	0.500	"								
Trichlorofluoromethane	ND	0.500	"								
Vinyl Chloride	ND	0.500	"								
Xylenes, Total	ND	1.50	"								
Surrogate: SURR: 1,2-Dichloroethane-d4	*9.12*		*"*	*10.0*		*91.2*	*69-130*				
Surrogate: SURR: Toluene-d8	*8.51*		*"*	*10.0*		*85.1*	*81-117*				
Surrogate: SURR: p-Bromofluorobenzene	*9.10*		*"*	*10.0*		*91.0*	*79-122*				
LCS (BD31868-BS1)								Prepared & Analyzed: 04/27/2023			
1,1,1,2-Tetrachloroethane	9.39		ug/L	10.0		93.9	82-126				
1,1,1-Trichloroethane	11.7		"	10.0		117	78-136				
1,1,2,2-Tetrachloroethane	8.45		"	10.0		84.5	76-129				
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	12.5		"	10.0		125	54-165				
1,1,2-Trichloroethane	8.72		"	10.0		87.2	82-123				
1,1-Dichloroethane	10.8		"	10.0		108	82-129				
1,1-Dichloroethylene	10.8		"	10.0		108	68-138				
1,1-Dichloropropylene	11.1		"	10.0		111	83-133				
1,2,3-Trichlorobenzene	9.36		"	10.0		93.6	76-136				
1,2,3-Trichloropropane	8.43		"	10.0		84.3	77-128				
1,2,4,5-Tetramethylbenzene	8.25		"	10.0		82.5	85-140	Low Bias			
1,2,4-Trichlorobenzene	9.34		"	10.0		93.4	76-137				
1,2,4-Trimethylbenzene	8.70		"	10.0		87.0	82-132				
1,2-Dibromo-3-chloropropane	7.64		"	10.0		76.4	45-147				
1,2-Dibromoethane	9.15		"	10.0		91.5	83-124				
1,2-Dichlorobenzene	8.69		"	10.0		86.9	79-123				
1,2-Dichloroethane	10.2		"	10.0		102	73-132				
1,2-Dichloropropane	8.94		"	10.0		89.4	78-126				
1,3,5-Trimethylbenzene	8.53		"	10.0		85.3	80-131				
1,3-Dichlorobenzene	8.90		"	10.0		89.0	86-122				
1,3-Dichloropropane	8.47		"	10.0		84.7	81-125				
1,4-Dichlorobenzene	8.73		"	10.0		87.3	85-124				
2,2-Dichloropropane	12.7		"	10.0		127	56-150				
2-Butanone	10.7		"	10.0		107	49-152				

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BD31868 - EPA 5030B											
LCS (BD31868-BS1)								Prepared & Analyzed: 04/27/2023			
2-Chlorotoluene	8.54		ug/L	10.0		85.4	79-130				
2-Hexanone	6.88		"	10.0		68.8	51-146				
4-Chlorotoluene	8.60		"	10.0		86.0	79-128				
4-Methyl-2-pentanone	5.77		"	10.0		57.7	57-145				
Acetone	5.27		"	10.0		52.7	14-150				
Benzene	11.9		"	10.0		119	85-126				
Bromobenzene	8.08		"	10.0		80.8	78-129				
Bromochloromethane	10.6		"	10.0		106	77-128				
Bromodichloromethane	8.36		"	10.0		83.6	79-128				
Bromoform	9.57		"	10.0		95.7	78-133				
Bromomethane	3.97		"	10.0		39.7	43-168	Low Bias			
Carbon disulfide	11.8		"	10.0		118	68-146				
Carbon tetrachloride	12.2		"	10.0		122	77-141				
Chlorobenzene	9.93		"	10.0		99.3	88-120				
Chloroethane	11.6		"	10.0		116	65-136				
Chloroform	11.3		"	10.0		113	82-128				
Chloromethane	9.24		"	10.0		92.4	43-155				
cis-1,2-Dichloroethylene	11.0		"	10.0		110	83-129				
cis-1,3-Dichloropropylene	8.68		"	10.0		86.8	80-131				
Dibromochloromethane	9.25		"	10.0		92.5	80-130				
Dibromomethane	8.25		"	10.0		82.5	72-134				
Dichlorodifluoromethane	13.3		"	10.0		133	44-144				
Ethyl Benzene	9.18		"	10.0		91.8	80-131				
Hexachlorobutadiene	9.97		"	10.0		99.7	67-146				
Isopropylbenzene	9.03		"	10.0		90.3	76-140				
Methyl tert-butyl ether (MTBE)	10.4		"	10.0		104	76-135				
Methylene chloride	10.0		"	10.0		100	55-137				
Naphthalene	8.80		"	10.0		88.0	70-147				
n-Butylbenzene	8.36		"	10.0		83.6	79-132				
n-Propylbenzene	8.89		"	10.0		88.9	78-133				
o-Xylene	9.15		"	10.0		91.5	78-130				
p- & m- Xylenes	18.1		"	20.0		90.4	77-133				
p-Diethylbenzene	8.39		"	10.0		83.9	84-134	Low Bias			
p-Ethyltoluene	8.57		"	10.0		85.7	88-129	Low Bias			
p-Isopropyltoluene	8.80		"	10.0		88.0	81-136				
sec-Butylbenzene	8.82		"	10.0		88.2	79-137				
Styrene	9.20		"	10.0		92.0	67-132				
tert-Butylbenzene	8.66		"	10.0		86.6	77-138				
Tetrachloroethylene	6.19		"	10.0		61.9	82-131	Low Bias			
Toluene	9.26		"	10.0		92.6	80-127				
trans-1,2-Dichloroethylene	11.0		"	10.0		110	80-132				
trans-1,3-Dichloropropylene	8.40		"	10.0		84.0	78-131				
Trichloroethylene	8.99		"	10.0		89.9	82-128				
Trichlorofluoromethane	11.6		"	10.0		116	67-139				
Vinyl Chloride	11.2		"	10.0		112	58-145				
Surrogate: SURR: 1,2-Dichloroethane-d4	*9.04*		*"*	*10.0*		*90.4*	*69-130*				
Surrogate: SURR: Toluene-d8	*8.67*		*"*	*10.0*		*86.7*	*81-117*				
Surrogate: SURR: p-Bromofluorobenzene	*9.48*		*"*	*10.0*		*94.8*	*79-122*				

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BD31868 - EPA 5030B											
LCS Dup (BD31868-BSD1)								Prepared & Analyzed: 04/27/2023			
1,1,1,2-Tetrachloroethane	9.70		ug/L	10.0		97.0	82-126		3.25	30	
1,1,1-Trichloroethane	11.4		"	10.0		114	78-136		2.86	30	
1,1,2,2-Tetrachloroethane	8.92		"	10.0		89.2	76-129		5.41	30	
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	12.0		"	10.0		120	54-165		4.17	30	
1,1,2-Trichloroethane	9.02		"	10.0		90.2	82-123		3.38	30	
1,1-Dichloroethane	10.6		"	10.0		106	82-129		1.59	30	
1,1-Dichloroethylene	10.4		"	10.0		104	68-138		3.67	30	
1,1-Dichloropropylene	10.5		"	10.0		105	83-133		5.82	30	
1,2,3-Trichlorobenzene	9.93		"	10.0		99.3	76-136		5.91	30	
1,2,3-Trichloropropane	8.74		"	10.0		87.4	77-128		3.61	30	
1,2,4,5-Tetramethylbenzene	8.40		"	10.0		84.0	85-140	Low Bias	1.80	30	
1,2,4-Trichlorobenzene	9.88		"	10.0		98.8	76-137		5.62	30	
1,2,4-Trimethylbenzene	8.46		"	10.0		84.6	82-132		2.80	30	
1,2-Dibromo-3-chloropropane	9.79		"	10.0		97.9	45-147		24.7	30	
1,2-Dibromoethane	9.53		"	10.0		95.3	83-124		4.07	30	
1,2-Dichlorobenzene	8.74		"	10.0		87.4	79-123		0.574	30	
1,2-Dichloroethane	10.6		"	10.0		106	73-132		3.93	30	
1,2-Dichloropropane	8.71		"	10.0		87.1	78-126		2.61	30	
1,3,5-Trimethylbenzene	8.40		"	10.0		84.0	80-131		1.54	30	
1,3-Dichlorobenzene	8.85		"	10.0		88.5	86-122		0.563	30	
1,3-Dichloropropane	8.61		"	10.0		86.1	81-125		1.64	30	
1,4-Dichlorobenzene	8.71		"	10.0		87.1	85-124		0.229	30	
2,2-Dichloropropane	12.1		"	10.0		121	56-150		5.09	30	
2-Butanone	11.1		"	10.0		111	49-152		3.30	30	
2-Chlorotoluene	8.46		"	10.0		84.6	79-130		0.941	30	
2-Hexanone	7.10		"	10.0		71.0	51-146		3.15	30	
4-Chlorotoluene	8.39		"	10.0		83.9	79-128		2.47	30	
4-Methyl-2-pentanone	6.24		"	10.0		62.4	57-145		7.83	30	
Acetone	5.01		"	10.0		50.1	14-150		5.06	30	
Benzene	11.7		"	10.0		117	85-126		2.12	30	
Bromobenzene	8.15		"	10.0		81.5	78-129		0.863	30	
Bromochloromethane	10.6		"	10.0		106	77-128		0.378	30	
Bromodichloromethane	8.53		"	10.0		85.3	79-128		2.01	30	
Bromoform	10.4		"	10.0		104	78-133		8.31	30	
Bromomethane	4.67		"	10.0		46.7	43-168		16.2	30	
Carbon disulfide	11.1		"	10.0		111	68-146		5.95	30	
Carbon tetrachloride	11.8		"	10.0		118	77-141		3.59	30	
Chlorobenzene	9.82		"	10.0		98.2	88-120		1.11	30	
Chloroethane	11.2		"	10.0		112	65-136		3.15	30	
Chloroform	11.3		"	10.0		113	82-128		0.00	30	
Chloromethane	8.60		"	10.0		86.0	43-155		7.17	30	
cis-1,2-Dichloroethylene	10.7		"	10.0		107	83-129		2.30	30	
cis-1,3-Dichloropropylene	8.81		"	10.0		88.1	80-131		1.49	30	
Dibromochloromethane	9.32		"	10.0		93.2	80-130		0.754	30	
Dibromomethane	8.89		"	10.0		88.9	72-134		7.47	30	
Dichlorodifluoromethane	12.3		"	10.0		123	44-144		7.42	30	
Ethyl Benzene	9.05		"	10.0		90.5	80-131		1.43	30	
Hexachlorobutadiene	10.4		"	10.0		104	67-146		4.61	30	
Isopropylbenzene	8.81		"	10.0		88.1	76-140		2.47	30	
Methyl tert-butyl ether (MTBE)	10.9		"	10.0		109	76-135		4.50	30	

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BD31868 - EPA 5030B											
LCS Dup (BD31868-BSD1)								Prepared & Analyzed: 04/27/2023			
Methylene chloride	9.99		ug/L	10.0		99.9	55-137		0.200	30	
Naphthalene	9.46		"	10.0		94.6	70-147		7.23	30	
n-Butylbenzene	8.36		"	10.0		83.6	79-132		0.00	30	
n-Propylbenzene	8.56		"	10.0		85.6	78-133		3.78	30	
o-Xylene	9.05		"	10.0		90.5	78-130		1.10	30	
p- & m- Xylenes	17.8		"	20.0		89.2	77-133		1.28	30	
p-Diethylbenzene	8.32		"	10.0		83.2	84-134	Low Bias	0.838	30	
p-Ethyltoluene	8.41		"	10.0		84.1	88-129	Low Bias	1.88	30	
p-Isopropyltoluene	8.65		"	10.0		86.5	81-136		1.72	30	
sec-Butylbenzene	8.66		"	10.0		86.6	79-137		1.83	30	
Styrene	9.13		"	10.0		91.3	67-132		0.764	30	
tert-Butylbenzene	8.42		"	10.0		84.2	77-138		2.81	30	
Tetrachloroethylene	5.89		"	10.0		58.9	82-131	Low Bias	4.97	30	
Toluene	9.05		"	10.0		90.5	80-127		2.29	30	
trans-1,2-Dichloroethylene	10.6		"	10.0		106	80-132		3.61	30	
trans-1,3-Dichloropropylene	8.64		"	10.0		86.4	78-131		2.82	30	
Trichloroethylene	8.64		"	10.0		86.4	82-128		3.97	30	
Trichlorofluoromethane	11.2		"	10.0		112	67-139		3.77	30	
Vinyl Chloride	10.6		"	10.0		106	58-145		5.34	30	
Surrogate: SURR: 1,2-Dichloroethane-d4	*9.25*		*"*	*10.0*		*92.5*	*69-130*				
Surrogate: SURR: Toluene-d8	*8.69*		*"*	*10.0*		*86.9*	*81-117*				
Surrogate: SURR: p-Bromofluorobenzene	*9.39*		*"*	*10.0*		*93.9*	*79-122*				
Batch BD31971 - EPA 5030B											
Blank (BD31971-BLK1)								Prepared & Analyzed: 04/28/2023			
1,1,1,2-Tetrachloroethane	ND	0.500	ug/L								
1,1,1-Trichloroethane	ND	0.500	"								
1,1,2,2-Tetrachloroethane	ND	0.500	"								
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	0.500	"								
1,1,2-Trichloroethane	ND	0.500	"								
1,1-Dichloroethane	ND	0.500	"								
1,1-Dichloroethylene	ND	0.500	"								
1,1-Dichloropropylene	ND	0.500	"								
1,2,3-Trichlorobenzene	ND	0.500	"								
1,2,3-Trichloropropane	ND	0.500	"								
1,2,4,5-Tetramethylbenzene	ND	0.500	"								
1,2,4-Trichlorobenzene	ND	0.500	"								
1,2,4-Trimethylbenzene	ND	0.500	"								
1,2-Dibromo-3-chloropropane	ND	0.500	"								
1,2-Dibromoethane	ND	0.500	"								
1,2-Dichlorobenzene	ND	0.500	"								
1,2-Dichloroethane	ND	0.500	"								
1,2-Dichloropropane	ND	0.500	"								
1,3,5-Trimethylbenzene	ND	0.500	"								
1,3-Dichlorobenzene	ND	0.500	"								
1,3-Dichloropropane	ND	0.500	"								
1,4-Dichlorobenzene	ND	0.500	"								
2,2-Dichloropropane	ND	0.500	"								
2-Butanone	ND	0.500	"								
2-Chlorotoluene	ND	0.500	"								

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BD31971 - EPA 5030B											
Blank (BD31971-BLK1)									Prepared & Analyzed: 04/28/2023		
2-Hexanone	ND	0.500	ug/L								
4-Chlorotoluene	ND	0.500	"								
4-Methyl-2-pentanone	ND	0.500	"								
Acetone	ND	2.00	"								
Benzene	ND	0.500	"								
Bromobenzene	ND	0.500	"								
Bromochloromethane	ND	0.500	"								
Bromodichloromethane	ND	0.500	"								
Bromoform	ND	0.500	"								
Bromomethane	ND	0.500	"								
Carbon disulfide	ND	0.500	"								
Carbon tetrachloride	ND	0.500	"								
Chlorobenzene	ND	0.500	"								
Chloroethane	ND	0.500	"								
Chloroform	ND	0.500	"								
Chloromethane	ND	0.500	"								
cis-1,2-Dichloroethylene	ND	0.500	"								
cis-1,3-Dichloropropylene	ND	0.500	"								
Dibromochloromethane	ND	0.500	"								
Dibromomethane	ND	0.500	"								
Dichlorodifluoromethane	ND	0.500	"								
Ethyl Benzene	ND	0.500	"								
Hexachlorobutadiene	ND	0.500	"								
Isopropylbenzene	ND	0.500	"								
Methyl tert-butyl ether (MTBE)	ND	0.500	"								
Methylene chloride	0.530	2.00	"								
Naphthalene	ND	2.00	"								
n-Butylbenzene	ND	0.500	"								
n-Propylbenzene	ND	0.500	"								
o-Xylene	ND	0.500	"								
p- & m- Xylenes	ND	1.00	"								
p-Diethylbenzene	ND	0.500	"								
p-Ethyltoluene	ND	0.500	"								
p-Isopropyltoluene	ND	0.500	"								
sec-Butylbenzene	ND	0.500	"								
Styrene	ND	0.500	"								
tert-Butylbenzene	ND	0.500	"								
Tetrachloroethylene	ND	0.500	"								
Toluene	ND	0.500	"								
trans-1,2-Dichloroethylene	ND	0.500	"								
trans-1,3-Dichloropropylene	ND	0.500	"								
Trichloroethylene	ND	0.500	"								
Trichlorofluoromethane	ND	0.500	"								
Vinyl Chloride	ND	0.500	"								
Xylenes, Total	ND	1.50	"								
Surrogate: SURR: 1,2-Dichloroethane-d4	*10.1*		*"*	*10.0*		*101*	*69-130*				
Surrogate: SURR: Toluene-d8	*9.69*		*"*	*10.0*		*96.9*	*81-117*				
Surrogate: SURR: p-Bromofluorobenzene	*9.96*		*"*	*10.0*		*99.6*	*79-122*				

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BD31971 - EPA 5030B											
LCS (BD31971-BS1)								Prepared & Analyzed: 04/28/2023			
1,1,1,2-Tetrachloroethane	9.95		ug/L	10.0		99.5	82-126				
1,1,1-Trichloroethane	10.8		"	10.0		108	78-136				
1,1,2,2-Tetrachloroethane	13.8		"	10.0		138	76-129	High Bias			
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	11.5		"	10.0		115	54-165				
1,1,2-Trichloroethane	9.55		"	10.0		95.5	82-123				
1,1-Dichloroethane	10.0		"	10.0		100	82-129				
1,1-Dichloroethylene	10.4		"	10.0		104	68-138				
1,1-Dichloropropylene	10.2		"	10.0		102	83-133				
1,2,3-Trichlorobenzene	8.50		"	10.0		85.0	76-136				
1,2,3-Trichloropropane	9.55		"	10.0		95.5	77-128				
1,2,4,5-Tetramethylbenzene	8.23		"	10.0		82.3	85-140	Low Bias			
1,2,4-Trichlorobenzene	8.68		"	10.0		86.8	76-137				
1,2,4-Trimethylbenzene	9.59		"	10.0		95.9	82-132				
1,2-Dibromo-3-chloropropane	8.74		"	10.0		87.4	45-147				
1,2-Dibromoethane	9.66		"	10.0		96.6	83-124				
1,2-Dichlorobenzene	9.45		"	10.0		94.5	79-123				
1,2-Dichloroethane	10.3		"	10.0		103	73-132				
1,2-Dichloropropane	9.90		"	10.0		99.0	78-126				
1,3,5-Trimethylbenzene	9.27		"	10.0		92.7	80-131				
1,3-Dichlorobenzene	9.73		"	10.0		97.3	86-122				
1,3-Dichloropropane	9.60		"	10.0		96.0	81-125				
1,4-Dichlorobenzene	9.60		"	10.0		96.0	85-124				
2,2-Dichloropropane	15.7		"	10.0		157	56-150	High Bias			
2-Butanone	9.98		"	10.0		99.8	49-152				
2-Chlorotoluene	9.50		"	10.0		95.0	79-130				
2-Hexanone	8.30		"	10.0		83.0	51-146				
4-Chlorotoluene	9.57		"	10.0		95.7	79-128				
4-Methyl-2-pentanone	9.15		"	10.0		91.5	57-145				
Acetone	5.38		"	10.0		53.8	14-150				
Benzene	10.7		"	10.0		107	85-126				
Bromobenzene	9.26		"	10.0		92.6	78-129				
Bromochloromethane	10.5		"	10.0		105	77-128				
Bromodichloromethane	9.54		"	10.0		95.4	79-128				
Bromoform	9.91		"	10.0		99.1	78-133				
Bromomethane	6.94		"	10.0		69.4	43-168				
Carbon disulfide	10.3		"	10.0		103	68-146				
Carbon tetrachloride	10.9		"	10.0		109	77-141				
Chlorobenzene	10.4		"	10.0		104	88-120				
Chloroethane	10.2		"	10.0		102	65-136				
Chloroform	10.3		"	10.0		103	82-128				
Chloromethane	9.61		"	10.0		96.1	43-155				
cis-1,2-Dichloroethylene	10.7		"	10.0		107	83-129				
cis-1,3-Dichloropropylene	10.0		"	10.0		100	80-131				
Dibromochloromethane	9.51		"	10.0		95.1	80-130				
Dibromomethane	9.67		"	10.0		96.7	72-134				
Dichlorodifluoromethane	9.97		"	10.0		99.7	44-144				
Ethyl Benzene	10.1		"	10.0		101	80-131				
Hexachlorobutadiene	8.97		"	10.0		89.7	67-146				
Isopropylbenzene	9.49		"	10.0		94.9	76-140				
Methyl tert-butyl ether (MTBE)	9.90		"	10.0		99.0	76-135				

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BD31971 - EPA 5030B											
LCS (BD31971-BS1)								Prepared & Analyzed: 04/28/2023			
Methylene chloride	10.4		ug/L	10.0		104	55-137				
Naphthalene	8.59		"	10.0		85.9	70-147				
n-Butylbenzene	7.54		"	10.0		75.4	79-132	Low Bias			
n-Propylbenzene	9.55		"	10.0		95.5	78-133				
o-Xylene	9.95		"	10.0		99.5	78-130				
p- & m- Xylenes	20.8		"	20.0		104	77-133				
p-Diethylbenzene	8.95		"	10.0		89.5	84-134				
p-Ethyltoluene	9.40		"	10.0		94.0	88-129				
p-Isopropyltoluene	9.48		"	10.0		94.8	81-136				
sec-Butylbenzene	9.51		"	10.0		95.1	79-137				
Styrene	10.0		"	10.0		100	67-132				
tert-Butylbenzene	9.52		"	10.0		95.2	77-138				
Tetrachloroethylene	5.44		"	10.0		54.4	82-131	Low Bias			
Toluene	10.1		"	10.0		101	80-127				
trans-1,2-Dichloroethylene	10.2		"	10.0		102	80-132				
trans-1,3-Dichloropropylene	9.91		"	10.0		99.1	78-131				
Trichloroethylene	7.92		"	10.0		79.2	82-128	Low Bias			
Trichlorofluoromethane	11.4		"	10.0		114	67-139				
Vinyl Chloride	10.2		"	10.0		102	58-145				
Surrogate: SURR: 1,2-Dichloroethane-d4	*10.0*		*"*	*10.0*		*100*	*69-130*				
Surrogate: SURR: Toluene-d8	*9.68*		*"*	*10.0*		*96.8*	*81-117*				
Surrogate: SURR: p-Bromofluorobenzene	*9.69*		*"*	*10.0*		*96.9*	*79-122*				
LCS Dup (BD31971-BSD1)								Prepared & Analyzed: 04/28/2023			
1,1,1,2-Tetrachloroethane	9.54		ug/L	10.0		95.4	82-126		4.21	30	
1,1,1-Trichloroethane	10.1		"	10.0		101	78-136		6.43	30	
1,1,2,2-Tetrachloroethane	13.3		"	10.0		133	76-129	High Bias	3.77	30	
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	10.6		"	10.0		106	54-165		7.60	30	
1,1,2-Trichloroethane	9.23		"	10.0		92.3	82-123		3.41	30	
1,1-Dichloroethane	9.34		"	10.0		93.4	82-129		6.83	30	
1,1-Dichloroethylene	9.62		"	10.0		96.2	68-138		7.70	30	
1,1-Dichloropropylene	9.56		"	10.0		95.6	83-133		6.87	30	
1,2,3-Trichlorobenzene	8.42		"	10.0		84.2	76-136		0.946	30	
1,2,3-Trichloropropane	9.10		"	10.0		91.0	77-128		4.83	30	
1,2,4,5-Tetramethylbenzene	7.96		"	10.0		79.6	85-140	Low Bias	3.34	30	
1,2,4-Trichlorobenzene	8.56		"	10.0		85.6	76-137		1.39	30	
1,2,4-Trimethylbenzene	9.15		"	10.0		91.5	82-132		4.70	30	
1,2-Dibromo-3-chloropropane	8.39		"	10.0		83.9	45-147		4.09	30	
1,2-Dibromoethane	9.35		"	10.0		93.5	83-124		3.26	30	
1,2-Dichlorobenzene	9.35		"	10.0		93.5	79-123		1.06	30	
1,2-Dichloroethane	9.94		"	10.0		99.4	73-132		3.56	30	
1,2-Dichloropropane	9.42		"	10.0		94.2	78-126		4.97	30	
1,3,5-Trimethylbenzene	8.88		"	10.0		88.8	80-131		4.30	30	
1,3-Dichlorobenzene	9.45		"	10.0		94.5	86-122		2.92	30	
1,3-Dichloropropane	9.35		"	10.0		93.5	81-125		2.64	30	
1,4-Dichlorobenzene	9.36		"	10.0		93.6	85-124		2.53	30	
2,2-Dichloropropane	14.6		"	10.0		146	56-150		7.72	30	
2-Butanone	9.53		"	10.0		95.3	49-152		4.61	30	
2-Chlorotoluene	9.08		"	10.0		90.8	79-130		4.52	30	
2-Hexanone	8.09		"	10.0		80.9	51-146		2.56	30	

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BD31971 - EPA 5030B											
LCS Dup (BD31971-BSD1)								Prepared & Analyzed: 04/28/2023			
4-Chlorotoluene	9.15		ug/L	10.0		91.5	79-128		4.49	30	
4-Methyl-2-pentanone	8.95		"	10.0		89.5	57-145		2.21	30	
Acetone	5.18		"	10.0		51.8	14-150		3.79	30	
Benzene	10.1		"	10.0		101	85-126		5.39	30	
Bromobenzene	8.83		"	10.0		88.3	78-129		4.75	30	
Bromochloromethane	9.85		"	10.0		98.5	77-128		6.20	30	
Bromodichloromethane	9.18		"	10.0		91.8	79-128		3.85	30	
Bromoform	9.70		"	10.0		97.0	78-133		2.14	30	
Bromomethane	7.15		"	10.0		71.5	43-168		2.98	30	
Carbon disulfide	9.46		"	10.0		94.6	68-146		8.79	30	
Carbon tetrachloride	10.2		"	10.0		102	77-141		6.52	30	
Chlorobenzene	10.0		"	10.0		100	88-120		3.81	30	
Chloroethane	9.53		"	10.0		95.3	65-136		6.69	30	
Chloroform	9.88		"	10.0		98.8	82-128		4.55	30	
Chloromethane	8.69		"	10.0		86.9	43-155		10.1	30	
cis-1,2-Dichloroethylene	10.2		"	10.0		102	83-129		5.55	30	
cis-1,3-Dichloropropylene	9.51		"	10.0		95.1	80-131		5.22	30	
Dibromochloromethane	9.18		"	10.0		91.8	80-130		3.53	30	
Dibromomethane	9.25		"	10.0		92.5	72-134		4.44	30	
Dichlorodifluoromethane	9.21		"	10.0		92.1	44-144		7.92	30	
Ethyl Benzene	9.62		"	10.0		96.2	80-131		4.67	30	
Hexachlorobutadiene	8.44		"	10.0		84.4	67-146		6.09	30	
Isopropylbenzene	8.98		"	10.0		89.8	76-140		5.52	30	
Methyl tert-butyl ether (MTBE)	9.59		"	10.0		95.9	76-135		3.18	30	
Methylene chloride	10.0		"	10.0		100	55-137		4.20	30	
Naphthalene	8.48		"	10.0		84.8	70-147		1.29	30	
n-Butylbenzene	7.66		"	10.0		76.6	79-132	Low Bias	1.58	30	
n-Propylbenzene	9.06		"	10.0		90.6	78-133		5.27	30	
o-Xylene	9.58		"	10.0		95.8	78-130		3.79	30	
p- & m- Xylenes	20.0		"	20.0		99.8	77-133		3.98	30	
p-Diethylbenzene	8.73		"	10.0		87.3	84-134		2.49	30	
p-Ethyltoluene	8.98		"	10.0		89.8	88-129		4.57	30	
p-Isopropyltoluene	9.16		"	10.0		91.6	81-136		3.43	30	
sec-Butylbenzene	9.23		"	10.0		92.3	79-137		2.99	30	
Styrene	9.47		"	10.0		94.7	67-132		5.44	30	
tert-Butylbenzene	9.14		"	10.0		91.4	77-138		4.07	30	
Tetrachloroethylene	5.15		"	10.0		51.5	82-131	Low Bias	5.48	30	
Toluene	9.58		"	10.0		95.8	80-127		5.09	30	
trans-1,2-Dichloroethylene	9.53		"	10.0		95.3	80-132		7.18	30	
trans-1,3-Dichloropropylene	9.51		"	10.0		95.1	78-131		4.12	30	
Trichloroethylene	7.45		"	10.0		74.5	82-128	Low Bias	6.12	30	
Trichlorofluoromethane	10.6		"	10.0		106	67-139		7.80	30	
Vinyl Chloride	9.29		"	10.0		92.9	58-145		8.85	30	
Surrogate: SURR: 1,2-Dichloroethane-d4	*9.93*		*"*	*10.0*		*99.3*	*69-130*				
Surrogate: SURR: Toluene-d8	*9.65*		*"*	*10.0*		*96.5*	*81-117*				
Surrogate: SURR: p-Bromofluorobenzene	*9.42*		*"*	*10.0*		*94.2*	*79-122*				

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BE30040 - EPA 5030B											
Blank (BE30040-BLK1)											
1,1,1,2-Tetrachloroethane	ND	0.500	ug/L								
1,1,1-Trichloroethane	ND	0.500	"								
1,1,2,2-Tetrachloroethane	ND	0.500	"								
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	0.500	"								
1,1,2-Trichloroethane	ND	0.500	"								
1,1-Dichloroethane	ND	0.500	"								
1,1-Dichloroethylene	ND	0.500	"								
1,1-Dichloropropylene	ND	0.500	"								
1,2,3-Trichlorobenzene	ND	0.500	"								
1,2,3-Trichloropropane	ND	0.500	"								
1,2,4,5-Tetramethylbenzene	ND	0.500	"								
1,2,4-Trichlorobenzene	ND	0.500	"								
1,2,4-Trimethylbenzene	ND	0.500	"								
1,2-Dibromo-3-chloropropane	ND	0.500	"								
1,2-Dibromoethane	ND	0.500	"								
1,2-Dichlorobenzene	ND	0.500	"								
1,2-Dichloroethane	ND	0.500	"								
1,2-Dichloropropane	ND	0.500	"								
1,3,5-Trimethylbenzene	ND	0.500	"								
1,3-Dichlorobenzene	ND	0.500	"								
1,3-Dichloropropane	ND	0.500	"								
1,4-Dichlorobenzene	ND	0.500	"								
2,2-Dichloropropane	ND	0.500	"								
2-Butanone	ND	0.500	"								
2-Chlorotoluene	ND	0.500	"								
2-Hexanone	ND	0.500	"								
4-Chlorotoluene	ND	0.500	"								
4-Methyl-2-pentanone	ND	0.500	"								
Acetone	ND	2.00	"								
Benzene	ND	0.500	"								
Bromobenzene	ND	0.500	"								
Bromochloromethane	ND	0.500	"								
Bromodichloromethane	ND	0.500	"								
Bromoform	ND	0.500	"								
Bromomethane	ND	0.500	"								
Carbon disulfide	ND	0.500	"								
Carbon tetrachloride	ND	0.500	"								
Chlorobenzene	ND	0.500	"								
Chloroethane	ND	0.500	"								
Chloroform	ND	0.500	"								
Chloromethane	ND	0.500	"								
cis-1,2-Dichloroethylene	ND	0.500	"								
cis-1,3-Dichloropropylene	ND	0.500	"								
Dibromochloromethane	ND	0.500	"								
Dibromomethane	ND	0.500	"								
Dichlorodifluoromethane	ND	0.500	"								
Ethyl Benzene	ND	0.500	"								
Hexachlorobutadiene	ND	0.500	"								
Isopropylbenzene	ND	0.500	"								
Methyl tert-butyl ether (MTBE)	ND	0.500	"								

Prepared & Analyzed: 05/01/2023

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BE30040 - EPA 5030B											
Blank (BE30040-BLK1)								Prepared & Analyzed: 05/01/2023			
Methylene chloride	ND	2.00	ug/L								
Naphthalene	ND	2.00	"								
n-Butylbenzene	ND	0.500	"								
n-Propylbenzene	ND	0.500	"								
o-Xylene	ND	0.500	"								
p- & m- Xylenes	ND	1.00	"								
p-Diethylbenzene	ND	0.500	"								
p-Ethyltoluene	ND	0.500	"								
p-Isopropyltoluene	ND	0.500	"								
sec-Butylbenzene	ND	0.500	"								
Styrene	ND	0.500	"								
tert-Butylbenzene	ND	0.500	"								
Tetrachloroethylene	ND	0.500	"								
Toluene	ND	0.500	"								
trans-1,2-Dichloroethylene	ND	0.500	"								
trans-1,3-Dichloropropylene	ND	0.500	"								
Trichloroethylene	ND	0.500	"								
Trichlorofluoromethane	ND	0.500	"								
Vinyl Chloride	ND	0.500	"								
Xylenes, Total	ND	1.50	"								
Surrogate: SURR: 1,2-Dichloroethane-d4	*10.1*		*"*	*10.0*		*101*	*69-130*				
Surrogate: SURR: Toluene-d8	*9.52*		*"*	*10.0*		*95.2*	*81-117*				
Surrogate: SURR: p-Bromofluorobenzene	*9.13*		*"*	*10.0*		*91.3*	*79-122*				
LCS (BE30040-BS1)								Prepared & Analyzed: 05/01/2023			
1,1,1,2-Tetrachloroethane	9.48		ug/L	10.0		94.8	82-126				
1,1,1-Trichloroethane	10.4		"	10.0		104	78-136				
1,1,2,2-Tetrachloroethane	12.4		"	10.0		124	76-129				
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	11.1		"	10.0		111	54-165				
1,1,2-Trichloroethane	9.14		"	10.0		91.4	82-123				
1,1-Dichloroethane	9.34		"	10.0		93.4	82-129				
1,1-Dichloroethylene	9.73		"	10.0		97.3	68-138				
1,1-Dichloropropylene	9.83		"	10.0		98.3	83-133				
1,2,3-Trichlorobenzene	7.77		"	10.0		77.7	76-136				
1,2,3-Trichloropropane	8.56		"	10.0		85.6	77-128				
1,2,4,5-Tetramethylbenzene	7.55		"	10.0		75.5	85-140	Low Bias			
1,2,4-Trichlorobenzene	7.84		"	10.0		78.4	76-137				
1,2,4-Trimethylbenzene	8.66		"	10.0		86.6	82-132				
1,2-Dibromo-3-chloropropane	7.97		"	10.0		79.7	45-147				
1,2-Dibromoethane	9.37		"	10.0		93.7	83-124				
1,2-Dichlorobenzene	9.01		"	10.0		90.1	79-123				
1,2-Dichloroethane	9.86		"	10.0		98.6	73-132				
1,2-Dichloropropane	9.01		"	10.0		90.1	78-126				
1,3,5-Trimethylbenzene	8.34		"	10.0		83.4	80-131				
1,3-Dichlorobenzene	9.03		"	10.0		90.3	86-122				
1,3-Dichloropropane	9.12		"	10.0		91.2	81-125				
1,4-Dichlorobenzene	8.93		"	10.0		89.3	85-124				
2,2-Dichloropropane	15.2		"	10.0		152	56-150	High Bias			
2-Butanone	9.79		"	10.0		97.9	49-152				
2-Chlorotoluene	8.44		"	10.0		84.4	79-130				

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BE30040 - EPA 5030B											
LCS (BE30040-BS1)								Prepared & Analyzed: 05/01/2023			
2-Hexanone	7.76		ug/L	10.0		77.6	51-146				
4-Chlorotoluene	8.56		"	10.0		85.6	79-128				
4-Methyl-2-pentanone	8.43		"	10.0		84.3	57-145				
Acetone	5.23		"	10.0		52.3	14-150				
Benzene	10.3		"	10.0		103	85-126				
Bromobenzene	8.09		"	10.0		80.9	78-129				
Bromochloromethane	9.49		"	10.0		94.9	77-128				
Bromodichloromethane	8.98		"	10.0		89.8	79-128				
Bromoform	9.98		"	10.0		99.8	78-133				
Bromomethane	8.46		"	10.0		84.6	43-168				
Carbon disulfide	9.75		"	10.0		97.5	68-146				
Carbon tetrachloride	10.7		"	10.0		107	77-141				
Chlorobenzene	9.89		"	10.0		98.9	88-120				
Chloroethane	9.73		"	10.0		97.3	65-136				
Chloroform	9.95		"	10.0		99.5	82-128				
Chloromethane	8.19		"	10.0		81.9	43-155				
cis-1,2-Dichloroethylene	10.1		"	10.0		101	83-129				
cis-1,3-Dichloropropylene	9.31		"	10.0		93.1	80-131				
Dibromochloromethane	9.17		"	10.0		91.7	80-130				
Dibromomethane	9.19		"	10.0		91.9	72-134				
Dichlorodifluoromethane	7.86		"	10.0		78.6	44-144				
Ethyl Benzene	9.55		"	10.0		95.5	80-131				
Hexachlorobutadiene	8.11		"	10.0		81.1	67-146				
Isopropylbenzene	8.37		"	10.0		83.7	76-140				
Methyl tert-butyl ether (MTBE)	9.53		"	10.0		95.3	76-135				
Methylene chloride	9.23		"	10.0		92.3	55-137				
Naphthalene	7.89		"	10.0		78.9	70-147				
n-Butylbenzene	7.12		"	10.0		71.2	79-132	Low Bias			
n-Propylbenzene	8.52		"	10.0		85.2	78-133				
o-Xylene	9.42		"	10.0		94.2	78-130				
p- & m- Xylenes	19.8		"	20.0		99.0	77-133				
p-Diethylbenzene	8.37		"	10.0		83.7	84-134	Low Bias			
p-Ethyltoluene	8.43		"	10.0		84.3	88-129	Low Bias			
p-Isopropyltoluene	8.74		"	10.0		87.4	81-136				
sec-Butylbenzene	8.66		"	10.0		86.6	79-137				
Styrene	9.52		"	10.0		95.2	67-132				
tert-Butylbenzene	8.63		"	10.0		86.3	77-138				
Tetrachloroethylene	5.27		"	10.0		52.7	82-131	Low Bias			
Toluene	9.47		"	10.0		94.7	80-127				
trans-1,2-Dichloroethylene	9.64		"	10.0		96.4	80-132				
trans-1,3-Dichloropropylene	9.33		"	10.0		93.3	78-131				
Trichloroethylene	7.43		"	10.0		74.3	82-128	Low Bias			
Trichlorofluoromethane	11.0		"	10.0		110	67-139				
Vinyl Chloride	9.27		"	10.0		92.7	58-145				
Surrogate: SURR: 1,2-Dichloroethane-d4	*10.0*		*"*	*10.0*		*100*	*69-130*				
Surrogate: SURR: Toluene-d8	*9.54*		*"*	*10.0*		*95.4*	*81-117*				
Surrogate: SURR: p-Bromofluorobenzene	*8.88*		*"*	*10.0*		*88.8*	*79-122*				

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BE30040 - EPA 5030B											
LCS Dup (BE30040-BSD1)								Prepared & Analyzed: 05/01/2023			
1,1,1,2-Tetrachloroethane	9.34		ug/L	10.0		93.4	82-126		1.49	30	
1,1,1-Trichloroethane	9.85		"	10.0		98.5	78-136		5.62	30	
1,1,2,2-Tetrachloroethane	12.3		"	10.0		123	76-129		1.05	30	
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	10.3		"	10.0		103	54-165		6.91	30	
1,1,2-Trichloroethane	9.27		"	10.0		92.7	82-123		1.41	30	
1,1-Dichloroethane	8.89		"	10.0		88.9	82-129		4.94	30	
1,1-Dichloroethylene	9.06		"	10.0		90.6	68-138		7.13	30	
1,1-Dichloropropylene	9.23		"	10.0		92.3	83-133		6.30	30	
1,2,3-Trichlorobenzene	8.10		"	10.0		81.0	76-136		4.16	30	
1,2,3-Trichloropropane	8.49		"	10.0		84.9	77-128		0.821	30	
1,2,4,5-Tetramethylbenzene	7.39		"	10.0		73.9	85-140	Low Bias	2.14	30	
1,2,4-Trichlorobenzene	7.89		"	10.0		78.9	76-137		0.636	30	
1,2,4-Trimethylbenzene	8.39		"	10.0		83.9	82-132		3.17	30	
1,2-Dibromo-3-chloropropane	8.20		"	10.0		82.0	45-147		2.84	30	
1,2-Dibromoethane	9.44		"	10.0		94.4	83-124		0.744	30	
1,2-Dichlorobenzene	8.95		"	10.0		89.5	79-123		0.668	30	
1,2-Dichloroethane	9.83		"	10.0		98.3	73-132		0.305	30	
1,2-Dichloropropane	8.83		"	10.0		88.3	78-126		2.02	30	
1,3,5-Trimethylbenzene	8.05		"	10.0		80.5	80-131		3.54	30	
1,3-Dichlorobenzene	8.83		"	10.0		88.3	86-122		2.24	30	
1,3-Dichloropropane	9.10		"	10.0		91.0	81-125		0.220	30	
1,4-Dichlorobenzene	8.80		"	10.0		88.0	85-124		1.47	30	
2,2-Dichloropropane	13.9		"	10.0		139	56-150		8.45	30	
2-Butanone	10.0		"	10.0		100	49-152		2.32	30	
2-Chlorotoluene	8.07		"	10.0		80.7	79-130		4.48	30	
2-Hexanone	7.85		"	10.0		78.5	51-146		1.15	30	
4-Chlorotoluene	8.16		"	10.0		81.6	79-128		4.78	30	
4-Methyl-2-pentanone	8.66		"	10.0		86.6	57-145		2.69	30	
Acetone	5.36		"	10.0		53.6	14-150		2.46	30	
Benzene	9.86		"	10.0		98.6	85-126		3.98	30	
Bromobenzene	7.77		"	10.0		77.7	78-129	Low Bias	4.04	30	
Bromochloromethane	9.26		"	10.0		92.6	77-128		2.45	30	
Bromodichloromethane	8.83		"	10.0		88.3	79-128		1.68	30	
Bromoform	10.2		"	10.0		102	78-133		1.69	30	
Bromomethane	8.27		"	10.0		82.7	43-168		2.27	30	
Carbon disulfide	9.08		"	10.0		90.8	68-146		7.12	30	
Carbon tetrachloride	10.0		"	10.0		100	77-141		6.84	30	
Chlorobenzene	9.67		"	10.0		96.7	88-120		2.25	30	
Chloroethane	9.10		"	10.0		91.0	65-136		6.69	30	
Chloroform	9.65		"	10.0		96.5	82-128		3.06	30	
Chloromethane	7.50		"	10.0		75.0	43-155		8.80	30	
cis-1,2-Dichloroethylene	9.72		"	10.0		97.2	83-129		3.54	30	
cis-1,3-Dichloropropylene	9.12		"	10.0		91.2	80-131		2.06	30	
Dibromochloromethane	9.18		"	10.0		91.8	80-130		0.109	30	
Dibromomethane	9.17		"	10.0		91.7	72-134		0.218	30	
Dichlorodifluoromethane	7.26		"	10.0		72.6	44-144		7.94	30	
Ethyl Benzene	9.19		"	10.0		91.9	80-131		3.84	30	
Hexachlorobutadiene	7.77		"	10.0		77.7	67-146		4.28	30	
Isopropylbenzene	7.92		"	10.0		79.2	76-140		5.52	30	
Methyl tert-butyl ether (MTBE)	9.55		"	10.0		95.5	76-135		0.210	30	

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BE30040 - EPA 5030B											
LCS Dup (BE30040-BSD1)								Prepared & Analyzed: 05/01/2023			
Methylene chloride	9.10		ug/L	10.0		91.0	55-137		1.42	30	
Naphthalene	8.13		"	10.0		81.3	70-147		3.00	30	
n-Butylbenzene	7.31		"	10.0		73.1	79-132	Low Bias	2.63	30	
n-Propylbenzene	8.19		"	10.0		81.9	78-133		3.95	30	
o-Xylene	9.22		"	10.0		92.2	78-130		2.15	30	
p- & m- Xylenes	19.2		"	20.0		96.2	77-133		2.82	30	
p-Diethylbenzene	8.34		"	10.0		83.4	84-134	Low Bias	0.359	30	
p-Ethyltoluene	8.10		"	10.0		81.0	88-129	Low Bias	3.99	30	
p-Isopropyltoluene	8.59		"	10.0		85.9	81-136		1.73	30	
sec-Butylbenzene	8.51		"	10.0		85.1	79-137		1.75	30	
Styrene	9.34		"	10.0		93.4	67-132		1.91	30	
tert-Butylbenzene	8.37		"	10.0		83.7	77-138		3.06	30	
Tetrachloroethylene	5.00		"	10.0		50.0	82-131	Low Bias	5.26	30	
Toluene	9.09		"	10.0		90.9	80-127		4.09	30	
trans-1,2-Dichloroethylene	9.05		"	10.0		90.5	80-132		6.31	30	
trans-1,3-Dichloropropylene	9.27		"	10.0		92.7	78-131		0.645	30	
Trichloroethylene	7.04		"	10.0		70.4	82-128	Low Bias	5.39	30	
Trichlorofluoromethane	10.2		"	10.0		102	67-139		8.30	30	
Vinyl Chloride	8.59		"	10.0		85.9	58-145		7.61	30	
Surrogate: SURR: 1,2-Dichloroethane-d4	*10.2*		*"*	*10.0*		*102*	*69-130*				
Surrogate: SURR: Toluene-d8	*9.47*		*"*	*10.0*		*94.7*	*81-117*				
Surrogate: SURR: p-Bromofluorobenzene	*8.63*		*"*	*10.0*		*86.3*	*79-122*				
Batch BE30112 - EPA 5030B											
Blank (BE30112-BLK1)								Prepared & Analyzed: 05/02/2023			
1,1,1,2-Tetrachloroethane	ND	0.500	ug/L								
1,1,1-Trichloroethane	ND	0.500	"								
1,1,2,2-Tetrachloroethane	ND	0.500	"								
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	0.500	"								
1,1,2-Trichloroethane	ND	0.500	"								
1,1-Dichloroethane	ND	0.500	"								
1,1-Dichloroethylene	ND	0.500	"								
1,1-Dichloropropylene	ND	0.500	"								
1,2,3-Trichlorobenzene	ND	0.500	"								
1,2,3-Trichloropropane	ND	0.500	"								
1,2,4,5-Tetramethylbenzene	ND	0.500	"								
1,2,4-Trichlorobenzene	ND	0.500	"								
1,2,4-Trimethylbenzene	ND	0.500	"								
1,2-Dibromo-3-chloropropane	ND	0.500	"								
1,2-Dibromoethane	ND	0.500	"								
1,2-Dichlorobenzene	ND	0.500	"								
1,2-Dichloroethane	ND	0.500	"								
1,2-Dichloropropane	ND	0.500	"								
1,3,5-Trimethylbenzene	ND	0.500	"								
1,3-Dichlorobenzene	ND	0.500	"								
1,3-Dichloropropane	ND	0.500	"								
1,4-Dichlorobenzene	ND	0.500	"								
2,2-Dichloropropane	ND	0.500	"								
2-Butanone	ND	0.500	"								
2-Chlorotoluene	ND	0.500	"								

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BE30112 - EPA 5030B											
Blank (BE30112-BLK1)											
2-Hexanone	ND	0.500	ug/L								
4-Chlorotoluene	ND	0.500	"								
4-Methyl-2-pentanone	ND	0.500	"								
Acetone	ND	2.00	"								
Benzene	ND	0.500	"								
Bromobenzene	ND	0.500	"								
Bromochloromethane	ND	0.500	"								
Bromodichloromethane	ND	0.500	"								
Bromoform	ND	0.500	"								
Bromomethane	ND	0.500	"								
Carbon disulfide	ND	0.500	"								
Carbon tetrachloride	ND	0.500	"								
Chlorobenzene	ND	0.500	"								
Chloroethane	ND	0.500	"								
Chloroform	ND	0.500	"								
Chloromethane	ND	0.500	"								
cis-1,2-Dichloroethylene	ND	0.500	"								
cis-1,3-Dichloropropylene	ND	0.500	"								
Dibromochloromethane	ND	0.500	"								
Dibromomethane	ND	0.500	"								
Dichlorodifluoromethane	ND	0.500	"								
Ethyl Benzene	ND	0.500	"								
Hexachlorobutadiene	ND	0.500	"								
Isopropylbenzene	ND	0.500	"								
Methyl tert-butyl ether (MTBE)	ND	0.500	"								
Methylene chloride	ND	2.00	"								
Naphthalene	ND	2.00	"								
n-Butylbenzene	ND	0.500	"								
n-Propylbenzene	ND	0.500	"								
o-Xylene	ND	0.500	"								
p- & m- Xylenes	ND	1.00	"								
p-Diethylbenzene	ND	0.500	"								
p-Ethyltoluene	ND	0.500	"								
p-Isopropyltoluene	ND	0.500	"								
sec-Butylbenzene	ND	0.500	"								
Styrene	ND	0.500	"								
tert-Butylbenzene	ND	0.500	"								
Tetrachloroethylene	ND	0.500	"								
Toluene	ND	0.500	"								
trans-1,2-Dichloroethylene	ND	0.500	"								
trans-1,3-Dichloropropylene	ND	0.500	"								
Trichloroethylene	ND	0.500	"								
Trichlorofluoromethane	ND	0.500	"								
Vinyl Chloride	ND	0.500	"								
Xylenes, Total	ND	1.50	"								
Surrogate: SURR: 1,2-Dichloroethane-d4	*10.1*		*"*	*10.0*		*101*	*69-130*				
Surrogate: SURR: Toluene-d8	*9.57*		*"*	*10.0*		*95.7*	*81-117*				
Surrogate: SURR: p-Bromofluorobenzene	*9.26*		*"*	*10.0*		*92.6*	*79-122*				

Prepared & Analyzed: 05/02/2023

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BE30112 - EPA 5030B											
LCS (BE30112-BS1)								Prepared & Analyzed: 05/02/2023			
1,1,1,2-Tetrachloroethane	9.73		ug/L	10.0		97.3	82-126				
1,1,1-Trichloroethane	11.0		"	10.0		110	78-136				
1,1,2,2-Tetrachloroethane	12.6		"	10.0		126	76-129				
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	11.7		"	10.0		117	54-165				
1,1,2-Trichloroethane	9.50		"	10.0		95.0	82-123				
1,1-Dichloroethane	9.78		"	10.0		97.8	82-129				
1,1-Dichloroethylene	10.2		"	10.0		102	68-138				
1,1-Dichloropropylene	10.3		"	10.0		103	83-133				
1,2,3-Trichlorobenzene	7.77		"	10.0		77.7	76-136				
1,2,3-Trichloropropane	8.76		"	10.0		87.6	77-128				
1,2,4,5-Tetramethylbenzene	7.86		"	10.0		78.6	85-140	Low Bias			
1,2,4-Trichlorobenzene	7.96		"	10.0		79.6	76-137				
1,2,4-Trimethylbenzene	8.80		"	10.0		88.0	82-132				
1,2-Dibromo-3-chloropropane	7.98		"	10.0		79.8	45-147				
1,2-Dibromoethane	9.52		"	10.0		95.2	83-124				
1,2-Dichlorobenzene	9.26		"	10.0		92.6	79-123				
1,2-Dichloroethane	10.2		"	10.0		102	73-132				
1,2-Dichloropropane	9.37		"	10.0		93.7	78-126				
1,3,5-Trimethylbenzene	8.43		"	10.0		84.3	80-131				
1,3-Dichlorobenzene	9.28		"	10.0		92.8	86-122				
1,3-Dichloropropane	9.25		"	10.0		92.5	81-125				
1,4-Dichlorobenzene	9.23		"	10.0		92.3	85-124				
2,2-Dichloropropane	15.6		"	10.0		156	56-150	High Bias			
2-Butanone	10.3		"	10.0		103	49-152				
2-Chlorotoluene	8.66		"	10.0		86.6	79-130				
2-Hexanone	7.86		"	10.0		78.6	51-146				
4-Chlorotoluene	8.72		"	10.0		87.2	79-128				
4-Methyl-2-pentanone	8.61		"	10.0		86.1	57-145				
Acetone	5.62		"	10.0		56.2	14-150				
Benzene	10.8		"	10.0		108	85-126				
Bromobenzene	8.28		"	10.0		82.8	78-129				
Bromochloromethane	10.2		"	10.0		102	77-128				
Bromodichloromethane	9.18		"	10.0		91.8	79-128				
Bromoform	10.1		"	10.0		101	78-133				
Bromomethane	12.1		"	10.0		121	43-168				
Carbon disulfide	10.1		"	10.0		101	68-146				
Carbon tetrachloride	11.3		"	10.0		113	77-141				
Chlorobenzene	10.2		"	10.0		102	88-120				
Chloroethane	11.1		"	10.0		111	65-136				
Chloroform	10.4		"	10.0		104	82-128				
Chloromethane	11.4		"	10.0		114	43-155				
cis-1,2-Dichloroethylene	10.7		"	10.0		107	83-129				
cis-1,3-Dichloropropylene	9.53		"	10.0		95.3	80-131				
Dibromochloromethane	9.41		"	10.0		94.1	80-130				
Dibromomethane	9.36		"	10.0		93.6	72-134				
Dichlorodifluoromethane	10.8		"	10.0		108	44-144				
Ethyl Benzene	9.77		"	10.0		97.7	80-131				
Hexachlorobutadiene	8.19		"	10.0		81.9	67-146				
Isopropylbenzene	8.50		"	10.0		85.0	76-140				
Methyl tert-butyl ether (MTBE)	9.75		"	10.0		97.5	76-135				

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BE30112 - EPA 5030B											
LCS (BE30112-BS1)								Prepared & Analyzed: 05/02/2023			
Methylene chloride	9.79		ug/L	10.0		97.9	55-137				
Naphthalene	7.79		"	10.0		77.9	70-147				
n-Butylbenzene	7.08		"	10.0		70.8	79-132	Low Bias			
n-Propylbenzene	8.63		"	10.0		86.3	78-133				
o-Xylene	9.64		"	10.0		96.4	78-130				
p- & m- Xylenes	20.2		"	20.0		101	77-133				
p-Diethylbenzene	8.71		"	10.0		87.1	84-134				
p-Ethyltoluene	8.85		"	10.0		88.5	88-129				
p-Isopropyltoluene	8.87		"	10.0		88.7	81-136				
sec-Butylbenzene	8.81		"	10.0		88.1	79-137				
Styrene	9.74		"	10.0		97.4	67-132				
tert-Butylbenzene	8.78		"	10.0		87.8	77-138				
Tetrachloroethylene	5.52		"	10.0		55.2	82-131	Low Bias			
Toluene	9.67		"	10.0		96.7	80-127				
trans-1,2-Dichloroethylene	10.1		"	10.0		101	80-132				
trans-1,3-Dichloropropylene	9.45		"	10.0		94.5	78-131				
Trichloroethylene	7.67		"	10.0		76.7	82-128	Low Bias			
Trichlorofluoromethane	12.8		"	10.0		128	67-139				
Vinyl Chloride	10.9		"	10.0		109	58-145				
Surrogate: SURR: 1,2-Dichloroethane-d4	*9.98*		*"*	*10.0*		*99.8*	*69-130*				
Surrogate: SURR: Toluene-d8	*9.51*		*"*	*10.0*		*95.1*	*81-117*				
Surrogate: SURR: p-Bromofluorobenzene	*8.92*		*"*	*10.0*		*89.2*	*79-122*				
LCS Dup (BE30112-BSD1)								Prepared & Analyzed: 05/02/2023			
1,1,1,2-Tetrachloroethane	9.45		ug/L	10.0		94.5	82-126		2.92	30	
1,1,1-Trichloroethane	10.5		"	10.0		105	78-136		4.46	30	
1,1,2,2-Tetrachloroethane	12.4		"	10.0		124	76-129		1.44	30	
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	11.0		"	10.0		110	54-165		6.42	30	
1,1,2-Trichloroethane	9.13		"	10.0		91.3	82-123		3.97	30	
1,1-Dichloroethane	9.50		"	10.0		95.0	82-129		2.90	30	
1,1-Dichloroethylene	9.71		"	10.0		97.1	68-138		5.41	30	
1,1-Dichloropropylene	9.81		"	10.0		98.1	83-133		4.87	30	
1,2,3-Trichlorobenzene	7.81		"	10.0		78.1	76-136		0.513	30	
1,2,3-Trichloropropane	8.47		"	10.0		84.7	77-128		3.37	30	
1,2,4,5-Tetramethylbenzene	7.73		"	10.0		77.3	85-140	Low Bias	1.67	30	
1,2,4-Trichlorobenzene	7.84		"	10.0		78.4	76-137		1.52	30	
1,2,4-Trimethylbenzene	8.49		"	10.0		84.9	82-132		3.59	30	
1,2-Dibromo-3-chloropropane	7.86		"	10.0		78.6	45-147		1.52	30	
1,2-Dibromoethane	9.33		"	10.0		93.3	83-124		2.02	30	
1,2-Dichlorobenzene	9.04		"	10.0		90.4	79-123		2.40	30	
1,2-Dichloroethane	10.0		"	10.0		100	73-132		2.17	30	
1,2-Dichloropropane	9.00		"	10.0		90.0	78-126		4.03	30	
1,3,5-Trimethylbenzene	8.12		"	10.0		81.2	80-131		3.75	30	
1,3-Dichlorobenzene	8.98		"	10.0		89.8	86-122		3.29	30	
1,3-Dichloropropane	9.03		"	10.0		90.3	81-125		2.41	30	
1,4-Dichlorobenzene	8.89		"	10.0		88.9	85-124		3.75	30	
2,2-Dichloropropane	14.7		"	10.0		147	56-150		5.95	30	
2-Butanone	10.2		"	10.0		102	49-152		0.684	30	
2-Chlorotoluene	8.29		"	10.0		82.9	79-130		4.37	30	
2-Hexanone	7.81		"	10.0		78.1	51-146		0.638	30	

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BE30112 - EPA 5030B											
LCS Dup (BE30112-BSD1)								Prepared & Analyzed: 05/02/2023			
4-Chlorotoluene	8.39		ug/L	10.0		83.9	79-128		3.86	30	
4-Methyl-2-pentanone	8.55		"	10.0		85.5	57-145		0.699	30	
Acetone	5.54		"	10.0		55.4	14-150		1.43	30	
Benzene	10.3		"	10.0		103	85-126		3.98	30	
Bromobenzene	8.00		"	10.0		80.0	78-129		3.44	30	
Bromochloromethane	9.82		"	10.0		98.2	77-128		3.70	30	
Bromodichloromethane	8.88		"	10.0		88.8	79-128		3.32	30	
Bromoform	9.95		"	10.0		99.5	78-133		1.89	30	
Bromomethane	12.0		"	10.0		120	43-168		1.24	30	
Carbon disulfide	9.49		"	10.0		94.9	68-146		6.43	30	
Carbon tetrachloride	10.7		"	10.0		107	77-141		5.65	30	
Chlorobenzene	9.82		"	10.0		98.2	88-120		3.30	30	
Chloroethane	10.4		"	10.0		104	65-136		5.95	30	
Chloroform	10.1		"	10.0		101	82-128		3.31	30	
Chloromethane	10.0		"	10.0		100	43-155		12.8	30	
cis-1,2-Dichloroethylene	10.2		"	10.0		102	83-129		4.02	30	
cis-1,3-Dichloropropylene	9.17		"	10.0		91.7	80-131		3.85	30	
Dibromochloromethane	9.09		"	10.0		90.9	80-130		3.46	30	
Dibromomethane	9.13		"	10.0		91.3	72-134		2.49	30	
Dichlorodifluoromethane	10.2		"	10.0		102	44-144		6.48	30	
Ethyl Benzene	9.39		"	10.0		93.9	80-131		3.97	30	
Hexachlorobutadiene	7.90		"	10.0		79.0	67-146		3.60	30	
Isopropylbenzene	8.15		"	10.0		81.5	76-140		4.20	30	
Methyl tert-butyl ether (MTBE)	9.66		"	10.0		96.6	76-135		0.927	30	
Methylene chloride	9.60		"	10.0		96.0	55-137		1.96	30	
Naphthalene	7.87		"	10.0		78.7	70-147		1.02	30	
n-Butylbenzene	7.02		"	10.0		70.2	79-132	Low Bias	0.851	30	
n-Propylbenzene	8.30		"	10.0		83.0	78-133		3.90	30	
o-Xylene	9.35		"	10.0		93.5	78-130		3.05	30	
p- & m- Xylenes	19.4		"	20.0		97.2	77-133		3.73	30	
p-Diethylbenzene	8.53		"	10.0		85.3	84-134		2.09	30	
p-Ethyltoluene	8.53		"	10.0		85.3	88-129	Low Bias	3.68	30	
p-Isopropyltoluene	8.56		"	10.0		85.6	81-136		3.56	30	
sec-Butylbenzene	8.48		"	10.0		84.8	79-137		3.82	30	
Styrene	9.38		"	10.0		93.8	67-132		3.77	30	
tert-Butylbenzene	8.50		"	10.0		85.0	77-138		3.24	30	
Tetrachloroethylene	5.16		"	10.0		51.6	82-131	Low Bias	6.74	30	
Toluene	9.31		"	10.0		93.1	80-127		3.79	30	
trans-1,2-Dichloroethylene	9.56		"	10.0		95.6	80-132		5.30	30	
trans-1,3-Dichloropropylene	9.18		"	10.0		91.8	78-131		2.90	30	
Trichloroethylene	7.26		"	10.0		72.6	82-128	Low Bias	5.49	30	
Trichlorofluoromethane	12.0		"	10.0		120	67-139		5.72	30	
Vinyl Chloride	10.3		"	10.0		103	58-145		5.56	30	
Surrogate: SURR: 1,2-Dichloroethane-d4	*9.98*		*"*	*10.0*		*99.8*	*69-130*				
Surrogate: SURR: Toluene-d8	*9.45*		*"*	*10.0*		*94.5*	*81-117*				
Surrogate: SURR: p-Bromofluorobenzene	*8.78*		*"*	*10.0*		*87.8*	*79-122*				

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BE30203 - EPA 5030B											
Blank (BE30203-BLK1)											
1,1,1,2-Tetrachloroethane	ND	0.500	ug/L								
1,1,1-Trichloroethane	ND	0.500	"								
1,1,2,2-Tetrachloroethane	ND	0.500	"								
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	0.500	"								
1,1,2-Trichloroethane	ND	0.500	"								
1,1-Dichloroethane	ND	0.500	"								
1,1-Dichloroethylene	ND	0.500	"								
1,1-Dichloropropylene	ND	0.500	"								
1,2,3-Trichlorobenzene	ND	0.500	"								
1,2,3-Trichloropropane	ND	0.500	"								
1,2,4,5-Tetramethylbenzene	ND	0.500	"								
1,2,4-Trichlorobenzene	ND	0.500	"								
1,2,4-Trimethylbenzene	ND	0.500	"								
1,2-Dibromo-3-chloropropane	ND	0.500	"								
1,2-Dibromoethane	ND	0.500	"								
1,2-Dichlorobenzene	ND	0.500	"								
1,2-Dichloroethane	ND	0.500	"								
1,2-Dichloropropane	ND	0.500	"								
1,3,5-Trimethylbenzene	ND	0.500	"								
1,3-Dichlorobenzene	ND	0.500	"								
1,3-Dichloropropane	ND	0.500	"								
1,4-Dichlorobenzene	ND	0.500	"								
2,2-Dichloropropane	ND	0.500	"								
2-Butanone	ND	0.500	"								
2-Chlorotoluene	ND	0.500	"								
2-Hexanone	ND	0.500	"								
4-Chlorotoluene	ND	0.500	"								
4-Methyl-2-pentanone	ND	0.500	"								
Acetone	ND	2.00	"								
Benzene	ND	0.500	"								
Bromobenzene	ND	0.500	"								
Bromochloromethane	ND	0.500	"								
Bromodichloromethane	ND	0.500	"								
Bromoform	ND	0.500	"								
Bromomethane	ND	0.500	"								
Carbon disulfide	ND	0.500	"								
Carbon tetrachloride	ND	0.500	"								
Chlorobenzene	ND	0.500	"								
Chloroethane	ND	0.500	"								
Chloroform	ND	0.500	"								
Chloromethane	ND	0.500	"								
cis-1,2-Dichloroethylene	ND	0.500	"								
cis-1,3-Dichloropropylene	ND	0.500	"								
Dibromochloromethane	ND	0.500	"								
Dibromomethane	ND	0.500	"								
Dichlorodifluoromethane	ND	0.500	"								
Ethyl Benzene	ND	0.500	"								
Hexachlorobutadiene	0.300	0.500	"								
Isopropylbenzene	ND	0.500	"								
Methyl tert-butyl ether (MTBE)	ND	0.500	"								

Prepared & Analyzed: 05/03/2023

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BE30203 - EPA 5030B											
Blank (BE30203-BLK1)											Prepared & Analyzed: 05/03/2023
Methylene chloride	ND	2.00	ug/L								
Naphthalene	ND	2.00	"								
n-Butylbenzene	ND	0.500	"								
n-Propylbenzene	ND	0.500	"								
o-Xylene	ND	0.500	"								
p- & m- Xylenes	ND	1.00	"								
p-Diethylbenzene	ND	0.500	"								
p-Ethyltoluene	ND	0.500	"								
p-Isopropyltoluene	ND	0.500	"								
sec-Butylbenzene	ND	0.500	"								
Styrene	ND	0.500	"								
tert-Butylbenzene	ND	0.500	"								
Tetrachloroethylene	ND	0.500	"								
Toluene	ND	0.500	"								
trans-1,2-Dichloroethylene	ND	0.500	"								
trans-1,3-Dichloropropylene	ND	0.500	"								
Trichloroethylene	ND	0.500	"								
Trichlorofluoromethane	ND	0.500	"								
Vinyl Chloride	ND	0.500	"								
Xylenes, Total	ND	1.50	"								
Surrogate: SURR: 1,2-Dichloroethane-d4	*10.2*		*"*	*10.0*		*102*	*69-130*				
Surrogate: SURR: Toluene-d8	*9.83*		*"*	*10.0*		*98.3*	*81-117*				
Surrogate: SURR: p-Bromofluorobenzene	*9.68*		*"*	*10.0*		*96.8*	*79-122*				
LCS (BE30203-BS1)											Prepared & Analyzed: 05/03/2023
1,1,1,2-Tetrachloroethane	10.3		ug/L	10.0		103	82-126				
1,1,1-Trichloroethane	10.1		"	10.0		101	78-136				
1,1,2,2-Tetrachloroethane	11.3		"	10.0		113	76-129				
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	9.75		"	10.0		97.5	54-165				
1,1,2-Trichloroethane	9.46		"	10.0		94.6	82-123				
1,1-Dichloroethane	9.56		"	10.0		95.6	82-129				
1,1-Dichloroethylene	9.02		"	10.0		90.2	68-138				
1,1-Dichloropropylene	9.55		"	10.0		95.5	83-133				
1,2,3-Trichlorobenzene	10.2		"	10.0		102	76-136				
1,2,3-Trichloropropane	9.63		"	10.0		96.3	77-128				
1,2,4,5-Tetramethylbenzene	10.7		"	10.0		107	85-140				
1,2,4-Trichlorobenzene	10.3		"	10.0		103	76-137				
1,2,4-Trimethylbenzene	10.8		"	10.0		108	82-132				
1,2-Dibromo-3-chloropropane	9.85		"	10.0		98.5	45-147				
1,2-Dibromoethane	9.82		"	10.0		98.2	83-124				
1,2-Dichlorobenzene	10.2		"	10.0		102	79-123				
1,2-Dichloroethane	9.71		"	10.0		97.1	73-132				
1,2-Dichloropropane	10.2		"	10.0		102	78-126				
1,3,5-Trimethylbenzene	10.6		"	10.0		106	80-131				
1,3-Dichlorobenzene	10.5		"	10.0		105	86-122				
1,3-Dichloropropane	9.78		"	10.0		97.8	81-125				
1,4-Dichlorobenzene	10.2		"	10.0		102	85-124				
2,2-Dichloropropane	10.9		"	10.0		109	56-150				
2-Butanone	8.37		"	10.0		83.7	49-152				
2-Chlorotoluene	10.7		"	10.0		107	79-130				

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BE30203 - EPA 5030B											
LCS (BE30203-BS1)								Prepared & Analyzed: 05/03/2023			
2-Hexanone	8.24		ug/L	10.0		82.4	51-146				
4-Chlorotoluene	10.6		"	10.0		106	79-128				
4-Methyl-2-pentanone	7.76		"	10.0		77.6	57-145				
Acetone	6.04		"	10.0		60.4	14-150				
Benzene	10.0		"	10.0		100	85-126				
Bromobenzene	10.3		"	10.0		103	78-129				
Bromochloromethane	9.42		"	10.0		94.2	77-128				
Bromodichloromethane	9.96		"	10.0		99.6	79-128				
Bromoform	9.89		"	10.0		98.9	78-133				
Bromomethane	10.6		"	10.0		106	43-168				
Carbon disulfide	8.43		"	10.0		84.3	68-146				
Carbon tetrachloride	10.0		"	10.0		100	77-141				
Chlorobenzene	10.9		"	10.0		109	88-120				
Chloroethane	9.86		"	10.0		98.6	65-136				
Chloroform	9.80		"	10.0		98.0	82-128				
Chloromethane	9.47		"	10.0		94.7	43-155				
cis-1,2-Dichloroethylene	9.64		"	10.0		96.4	83-129				
cis-1,3-Dichloropropylene	9.86		"	10.0		98.6	80-131				
Dibromochloromethane	9.81		"	10.0		98.1	80-130				
Dibromomethane	9.78		"	10.0		97.8	72-134				
Dichlorodifluoromethane	7.89		"	10.0		78.9	44-144				
Ethyl Benzene	10.4		"	10.0		104	80-131				
Hexachlorobutadiene	10.8		"	10.0		108	67-146				
Isopropylbenzene	11.0		"	10.0		110	76-140				
Methyl tert-butyl ether (MTBE)	8.93		"	10.0		89.3	76-135				
Methylene chloride	8.46		"	10.0		84.6	55-137				
Naphthalene	10.1		"	10.0		101	70-147				
n-Butylbenzene	10.8		"	10.0		108	79-132				
n-Propylbenzene	10.9		"	10.0		109	78-133				
o-Xylene	10.5		"	10.0		105	78-130				
p- & m- Xylenes	20.7		"	20.0		104	77-133				
p-Diethylbenzene	11.0		"	10.0		110	84-134				
p-Ethyltoluene	11.2		"	10.0		112	88-129				
p-Isopropyltoluene	10.7		"	10.0		107	81-136				
sec-Butylbenzene	11.0		"	10.0		110	79-137				
Styrene	10.5		"	10.0		105	67-132				
tert-Butylbenzene	10.7		"	10.0		107	77-138				
Tetrachloroethylene	5.59		"	10.0		55.9	82-131	Low Bias			
Toluene	10.4		"	10.0		104	80-127				
trans-1,2-Dichloroethylene	9.49		"	10.0		94.9	80-132				
trans-1,3-Dichloropropylene	9.87		"	10.0		98.7	78-131				
Trichloroethylene	9.37		"	10.0		93.7	82-128				
Trichlorofluoromethane	9.53		"	10.0		95.3	67-139				
Vinyl Chloride	9.50		"	10.0		95.0	58-145				
Surrogate: SURR: 1,2-Dichloroethane-d4	*9.87*		*"*	*10.0*		*98.7*	*69-130*				
Surrogate: SURR: Toluene-d8	*10.1*		*"*	*10.0*		*101*	*81-117*				
Surrogate: SURR: p-Bromofluorobenzene	*10.3*		*"*	*10.0*		*103*	*79-122*				

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BE30203 - EPA 5030B											
LCS Dup (BE30203-BSD1)							Prepared & Analyzed: 05/03/2023				
1,1,1,2-Tetrachloroethane	10.5		ug/L	10.0		105	82-126		1.83	30	
1,1,1-Trichloroethane	9.84		"	10.0		98.4	78-136		2.90	30	
1,1,2,2-Tetrachloroethane	11.4		"	10.0		114	76-129		1.32	30	
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	9.68		"	10.0		96.8	54-165		0.721	30	
1,1,2-Trichloroethane	10.2		"	10.0		102	82-123		7.72	30	
1,1-Dichloroethane	9.37		"	10.0		93.7	82-129		2.01	30	
1,1-Dichloroethylene	8.98		"	10.0		89.8	68-138		0.444	30	
1,1-Dichloropropylene	9.31		"	10.0		93.1	83-133		2.55	30	
1,2,3-Trichlorobenzene	10.8		"	10.0		108	76-136		6.01	30	
1,2,3-Trichloropropane	10.2		"	10.0		102	77-128		6.24	30	
1,2,4,5-Tetramethylbenzene	10.6		"	10.0		106	85-140		0.937	30	
1,2,4-Trichlorobenzene	10.8		"	10.0		108	76-137		5.01	30	
1,2,4-Trimethylbenzene	10.2		"	10.0		102	82-132		5.34	30	
1,2-Dibromo-3-chloropropane	10.5		"	10.0		105	45-147		6.48	30	
1,2-Dibromoethane	10.2		"	10.0		102	83-124		3.99	30	
1,2-Dichlorobenzene	10.2		"	10.0		102	79-123		0.0979	30	
1,2-Dichloroethane	10.2		"	10.0		102	73-132		5.12	30	
1,2-Dichloropropane	10.3		"	10.0		103	78-126		0.0975	30	
1,3,5-Trimethylbenzene	9.87		"	10.0		98.7	80-131		7.04	30	
1,3-Dichlorobenzene	10.2		"	10.0		102	86-122		2.90	30	
1,3-Dichloropropane	10.2		"	10.0		102	81-125		4.20	30	
1,4-Dichlorobenzene	10.2		"	10.0		102	85-124		0.587	30	
2,2-Dichloropropane	10.6		"	10.0		106	56-150		2.89	30	
2-Butanone	9.51		"	10.0		95.1	49-152		12.8	30	
2-Chlorotoluene	10.2		"	10.0		102	79-130		5.56	30	
2-Hexanone	9.56		"	10.0		95.6	51-146		14.8	30	
4-Chlorotoluene	10.1		"	10.0		101	79-128		4.15	30	
4-Methyl-2-pentanone	8.56		"	10.0		85.6	57-145		9.80	30	
Acetone	6.92		"	10.0		69.2	14-150		13.6	30	
Benzene	9.99		"	10.0		99.9	85-126		0.200	30	
Bromobenzene	10.2		"	10.0		102	78-129		0.781	30	
Bromochloromethane	9.82		"	10.0		98.2	77-128		4.16	30	
Bromodichloromethane	9.96		"	10.0		99.6	79-128		0.00	30	
Bromoform	11.1		"	10.0		111	78-133		11.8	30	
Bromomethane	9.75		"	10.0		97.5	43-168		7.88	30	
Carbon disulfide	8.19		"	10.0		81.9	68-146		2.89	30	
Carbon tetrachloride	10.1		"	10.0		101	77-141		0.498	30	
Chlorobenzene	10.6		"	10.0		106	88-120		2.71	30	
Chloroethane	9.52		"	10.0		95.2	65-136		3.51	30	
Chloroform	9.94		"	10.0		99.4	82-128		1.42	30	
Chloromethane	9.19		"	10.0		91.9	43-155		3.00	30	
cis-1,2-Dichloroethylene	9.53		"	10.0		95.3	83-129		1.15	30	
cis-1,3-Dichloropropylene	9.92		"	10.0		99.2	80-131		0.607	30	
Dibromochloromethane	10.3		"	10.0		103	80-130		5.16	30	
Dibromomethane	10.2		"	10.0		102	72-134		4.60	30	
Dichlorodifluoromethane	7.67		"	10.0		76.7	44-144		2.83	30	
Ethyl Benzene	10.1		"	10.0		101	80-131		2.74	30	
Hexachlorobutadiene	10.5		"	10.0		105	67-146		2.63	30	
Isopropylbenzene	10.3		"	10.0		103	76-140		6.86	30	
Methyl tert-butyl ether (MTBE)	9.80		"	10.0		98.0	76-135		9.29	30	

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BE30203 - EPA 5030B											
LCS Dup (BE30203-BSD1)								Prepared & Analyzed: 05/03/2023			
Methylene chloride	8.74		ug/L	10.0		87.4	55-137		3.26	30	
Naphthalene	10.9		"	10.0		109	70-147		7.04	30	
n-Butylbenzene	10.3		"	10.0		103	79-132		5.30	30	
n-Propylbenzene	10.1		"	10.0		101	78-133		7.34	30	
o-Xylene	10.3		"	10.0		103	78-130		1.93	30	
p- & m- Xylenes	20.2		"	20.0		101	77-133		2.54	30	
p-Diethylbenzene	10.6		"	10.0		106	84-134		3.97	30	
p-Ethyltoluene	10.5		"	10.0		105	88-129		6.48	30	
p-Isopropyltoluene	10.2		"	10.0		102	81-136		4.87	30	
sec-Butylbenzene	10.4		"	10.0		104	79-137		5.33	30	
Styrene	10.3		"	10.0		103	67-132		1.82	30	
tert-Butylbenzene	10.1		"	10.0		101	77-138		5.58	30	
Tetrachloroethylene	5.23		"	10.0		52.3	82-131	Low Bias	6.65	30	
Toluene	9.94		"	10.0		99.4	80-127		4.43	30	
trans-1,2-Dichloroethylene	9.30		"	10.0		93.0	80-132		2.02	30	
trans-1,3-Dichloropropylene	10.3		"	10.0		103	78-131		4.07	30	
Trichloroethylene	8.95		"	10.0		89.5	82-128		4.59	30	
Trichlorofluoromethane	9.35		"	10.0		93.5	67-139		1.91	30	
Vinyl Chloride	9.05		"	10.0		90.5	58-145		4.85	30	
Surrogate: SURR: 1,2-Dichloroethane-d4	*10.4*		*"*	*10.0*		*104*	*69-130*				
Surrogate: SURR: Toluene-d8	*9.95*		*"*	*10.0*		*99.5*	*81-117*				
Surrogate: SURR: p-Bromofluorobenzene	*10.1*		*"*	*10.0*		*101*	*79-122*				

Volatile Analysis Sample Containers

Lab ID	Client Sample ID	Volatile Sample Container
23D1512-01	2010-1A	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C
23D1512-02	2010-1B	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C
23D1512-03	2010-1C	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C
23D1512-04	2010-1D	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C
23D1512-05	2010-2A	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C
23D1512-06	2010-2B	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C
23D1512-07	2010-2C	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C
23D1512-08	2010-2D	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C
23D1512-09	2020-3A-R	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C
23D1512-10	2020-3BR	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C
23D1512-11	2020-3CR	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C
23D1512-12	2010-3D	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C
23D1512-13	2013-4A	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C
23D1512-14	2013-4B	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C
23D1512-15	2013-4C	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C
23D1512-16	2013-4D	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C
23D1512-17	DUP	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C
23D1512-18	System Influent	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C
23D1512-19	Trip Blank	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C

Sample and Data Qualifiers Relating to This Work Order

QL-02	This LCS analyte is outside Laboratory Recovery limits due the analyte behavior using the referenced method. The reference method has certain limitations with respect to analytes of this nature.
J	Detected below the Reporting Limit but greater than or equal to the Method Detection Limit (MDL/LOD) or in the case of a TIC, the result is an estimated concentration.
CCVE	The value reported is ESTIMATED. The value is estimated due to its behavior during continuing calibration verification (>20% Difference for average Rf or >20% Drift for quadratic fit).
B	Analyte is found in the associated analysis batch blank. For volatiles, methylene chloride and acetone are common lab contaminants.

Definitions and Other Explanations

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

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

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

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

Certification for pH is no longer offered by NYDOH ELAP.

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

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

Field Chain-of-Custody Record

YORK ANALYTICAL LABORATORIES INC

York Analytical Laboratories, Inc. (YORK)'s Standard Terms & Conditions are listed on the back side of this document.
This document serves as your written authorization for YORK to proceed with the analyses requested below.
Your signature binds you to YORK's Standard Terms & Conditions.

YORK Project No. 2301512

120 Research Drive Stratford, CT 06615 - 132-02 89th Ave Queens, NY 11418 - 56 Church Hill Rd. #2 Newtown, CT 06470 clientservices@yorklab.com www.yorklab.com 800-306-YORK

YOUR Information	Report To:	Invoice To:
Company: Laurel Environmental	Company:	Company:
Address: 53 West Hills Road Huntington Station, NY 11746	Address: Scott	Address: Kathy
Phone.: (631) 673-0612	Phone.:	Phone.:
Contact: Scott Yanuck	Contact:	Contact:
E-mail: las results @ laurelenviro	E-mail:	E-mail:

YOUR Project Number: 12-190

YOUR Project Name: 80 Banks Avenue, Rockville Centre, NY

YOUR PO#:

Turn-Around Time

- RUSH - Next Day
- RUSH - Two Day
- RUSH - Three Day
- RUSH - Four Day
- Standard (5-7 Day) [X]
- (7-10 for PFAS)

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.

Nicholas Kiderys

Samples Collected by: (print AND sign your name)

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

Samples From: New York [X]; New Jersey; Connecticut; Pennsylvania; Other:

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

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

Sample Identification	Sample Matrix	Date/Time Sampled	Analyses Requested	Container Type	No.
2010 - 1A	GW	4/25/23 1446	USEPA 8260	40mL	3
2010 - 1B	GW	4/25/23 1457	USEPA 8260	40mL	3
2010 - 1C	GW	4/25/23 1505	USEPA 8260	40mL	3
2010 - 1D	GW	4/25/23 1434	USEPA 8260	40mL	3
2010 - 2A	GW	4/25/23 1449	USEPA 8260	40mL	3
2010 - 2B	GW	4/25/23 1420	USEPA 8260	40mL	3
2010 - 2C	GW	4/25/23 1428	USEPA 8260	40mL	3
2010 - 2D	GW	4/25/23 1400	USEPA 8260	40mL	3
2020 - 3A-R	GW	4/25/23 1340	USEPA 8260	40mL	3
2020 - 3B R	GW	4/25/23 1350	USEPA 8260	40mL	3

Comments:

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

Special Instruction: Field Filtered; Lab to Filter

Samples iced/chilled at time of lab pickup? circle Yes or No

1. Samples Relinquished by / Company	Date/Time	1. Samples Received by / Company	Date/Time	2. Samples Relinquished by / Company	Date/Time
	4/26/23 1045 AM	KBarkyoke	4/26/23 1045AM	KBarkyoke	4/26/23 1735
2. Samples Received by / Company	Date/Time	3. Samples Relinquished by / Company	Date/Time	3. Samples Received by / Company	Date/Time
3. Samples Relinquished by / Company	Date/Time	4. Samples Received by / Company	Date/Time	Samples Received in LAB by	Date/Time / Temperature
					4/26/23 1735 4.0 Degrees C

Field Chain-of-Custody Record

YORK ANALYTICAL LABORATORIES INC

York Analytical Laboratories, Inc. (YORK)'s Standard Terms & Conditions are listed on the back side of this document.
This document serves as your written authorization for YORK to proceed with the analyses requested below.
Your signature binds you to YORK's Standard Terms & Conditions.

YORK Project No. 2301512

120 Research Drive Stratford, CT 06615 - 132-02 89th Ave Queens, NY 11418 - 56 Church Hill Rd. #2 Newtown, CT 06470 clientservices@yorklab.com www.yorklab.com 800-306-YORK

YOUR Information	Report To:	Invoice To:
Company: Laurel Environmental	Company:	Company:
Address: 53 West Hills Road Huntington Station, NY 11746	Address: Scott	Address: Kathy
Phone.: (631) 673-0612	Phone.:	Phone.:
Contact: Scott Yanuck	Contact:	Contact:
E-mail: labresults@laurelenv.com	E-mail:	E-mail:

YOUR Project Number: 12-190

YOUR Project Name: 80 Banks Avenue Rockville Centre, NY

YOUR PO#:

Turn-Around Time

- RUSH - Next Day
- RUSH - Two Day
- RUSH - Three Day
- RUSH - Four Day
- Standard (5-7 Day) (7-10 for PFAS): 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.

Nicholas Nideris

Samples Collected by: (print AND sign your name)

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

Samples From: New York X; New Jersey; Connecticut; Pennsylvania; Other:

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

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

Sample Identification	Sample Matrix	Date/Time Sampled	Analyses Requested	Container Type	No.
2020-3C R2	GW	4/25/23 1325	USEPA 8260	40mL	3
2010-3D	GW	4/25/23 1100	USEPA 8260	40mL	3
2013-4A	GW	4/25/23 1210	USEPA 8260	40mL	3
2013-4B	GW	4/25/23 1235	USEPA 8260	40mL	3
2013-4C	GW	4/25/23 1300	USEPA 8260	40mL	3
2013-4D	GW	4/25/23 1135	USEPA 8260	40mL	3
Dup	GW	4/25/23 800	USEPA 8260	40mL	3
System Influent	GW	4/25/23 730	USEPA 8260	40mL	3
Trip Blank	O-QA/QC	4/25/23 700	USEPA 8260	40mL	3

Comments:

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

Special Instruction: Field Filtered; Lab to Filter

Samples iced/chilled at time of lab pickup? circle Yes or No

1. Samples Relinquished by / Company	Date/Time	1. Samples Received by / Company	Date/Time	2. Samples Relinquished by / Company	Date/Time
	4/26/23 1040 AM	KBankwork	4/26/23 1045 AM	KBankwork	4/26/23 1735
2. Samples Received by / Company	Date/Time	3. Samples Relinquished by / Company	Date/Time	3. Samples Received by / Company	Date/Time
3. Samples Relinquished by / Company	Date/Time	4. Samples Received by / Company	Date/Time	Samples Received in LAB by	Date/Time / Temperature
					4/26/23 1735 4.0 Degrees C

Technical Report

prepared for:

Laurel Environmental Geosciences, D.P.C.
53 W Hills Road, Suite 1
Huntington Station NY, 11746
Attention: Scott Yanuck

Report Date: 05/08/2023
Client Project ID: 80 Banks Ave Rockville Centre 12-190
York Project (SDG) No.: 23D1736

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: 05/08/2023
Client Project ID: 80 Banks Ave Rockville Centre 12-190
York Project (SDG) No.: 23D1736

Laurel Environmental Geosciences, D.P.C.
53 W Hills Road, Suite 1
Huntington Station NY, 11746
Attention: Scott Yanuck

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 April 28, 2023 and listed below. The project was identified as your project: **80 Banks Ave Rockville Centre 12-190**.

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
23D1736-01	System Effluent Air	Soil Vapor	04/27/2023	04/28/2023

General Notes for York Project (SDG) No.: 23D1736

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: Cassie L. Mosher **Date:** 05/08/2023

Cassie L. Mosher
Laboratory Manager

Sample Information

Client Sample ID: **System Effluent Air** **York Sample ID:** **23D1736-01**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23D1736	80 Banks Ave Rockville Centre 12-190	Soil Vapor	April 27, 2023 11:20 am	04/28/2023

Volatile Organics, EPA TO15 Full List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA TO15 PREP

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	* 1,1,1,2-Tetrachloroethane	ND		ug/m³	1.0	1.485	EPA TO-15 Certifications:	05/08/2023 07:00	05/08/2023 11:15	VH
71-55-6	1,1,1-Trichloroethane	ND		ug/m³	0.81	1.485	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	05/08/2023 07:00	05/08/2023 11:15	VH
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/m³	1.0	1.485	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	05/08/2023 07:00	05/08/2023 11:15	VH
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/m³	1.1	1.485	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	05/08/2023 07:00	05/08/2023 11:15	VH
79-00-5	1,1,2-Trichloroethane	ND		ug/m³	0.81	1.485	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	05/08/2023 07:00	05/08/2023 11:15	VH
75-34-3	**1,1-Dichloroethane**	**0.60**		ug/m³	0.60	1.485	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	05/08/2023 07:00	05/08/2023 11:15	VH
75-35-4	**1,1-Dichloroethylene**	**1.2**		ug/m³	0.15	1.485	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	05/08/2023 07:00	05/08/2023 11:15	VH
120-82-1	1,2,4-Trichlorobenzene	ND		ug/m³	5.5	1.485	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	05/08/2023 07:00	05/08/2023 11:15	VH
95-63-6	**1,2,4-Trimethylbenzene**	**0.73**		ug/m³	0.73	1.485	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	05/08/2023 07:00	05/08/2023 11:15	VH
106-93-4	1,2-Dibromoethane	ND		ug/m³	1.1	1.485	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	05/08/2023 07:00	05/08/2023 11:15	VH
95-50-1	1,2-Dichlorobenzene	ND		ug/m³	0.89	1.485	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	05/08/2023 07:00	05/08/2023 11:15	VH
107-06-2	1,2-Dichloroethane	ND		ug/m³	0.60	1.485	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	05/08/2023 07:00	05/08/2023 11:15	VH
78-87-5	1,2-Dichloropropane	ND		ug/m³	0.69	1.485	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	05/08/2023 07:00	05/08/2023 11:15	VH
76-14-2	1,2-Dichlorotetrafluoroethane	ND		ug/m³	1.0	1.485	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	05/08/2023 07:00	05/08/2023 11:15	VH
108-67-8	1,3,5-Trimethylbenzene	ND		ug/m³	0.73	1.485	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	05/08/2023 07:00	05/08/2023 11:15	VH
106-99-0	1,3-Butadiene	ND		ug/m³	0.99	1.485	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	05/08/2023 07:00	05/08/2023 11:15	VH
541-73-1	1,3-Dichlorobenzene	ND		ug/m³	0.89	1.485	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	05/08/2023 07:00	05/08/2023 11:15	VH
142-28-9	* 1,3-Dichloropropane	ND		ug/m³	0.69	1.485	EPA TO-15 Certifications:	05/08/2023 07:00	05/08/2023 11:15	VH
106-46-7	1,4-Dichlorobenzene	ND		ug/m³	0.89	1.485	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	05/08/2023 07:00	05/08/2023 11:15	VH
123-91-1	1,4-Dioxane	ND		ug/m³	2.7	1.485	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	05/08/2023 07:00	05/08/2023 11:15	VH
78-93-3	**2-Butanone**	**1.4**		ug/m³	0.44	1.485	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	05/08/2023 07:00	05/08/2023 11:15	VH
591-78-6	* 2-Hexanone	ND		ug/m³	3.0	1.485	EPA TO-15 Certifications:	05/08/2023 07:00	05/08/2023 11:15	VH

Sample Information

Client Sample ID: **System Effluent Air** **York Sample ID:** **23D1736-01**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23D1736	80 Banks Ave Rockville Centre 12-190	Soil Vapor	April 27, 2023 11:20 am	04/28/2023

Volatile Organics, EPA TO15 Full List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA TO15 PREP

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
107-05-1	3-Chloropropene	ND		ug/m³	2.3	1.485	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	05/08/2023 07:00	05/08/2023 11:15	VH
108-10-1	4-Methyl-2-pentanone	ND		ug/m³	1.2	1.485	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	05/08/2023 07:00	05/08/2023 11:15	VH
67-64-1	**Acetone**	**3.7**		ug/m³	0.71	1.485	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	05/08/2023 07:00	05/08/2023 11:15	VH
107-13-1	Acrylonitrile	ND		ug/m³	0.32	1.485	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	05/08/2023 07:00	05/08/2023 11:15	VH
71-43-2	Benzene	ND		ug/m³	0.47	1.485	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	05/08/2023 07:00	05/08/2023 11:15	VH
100-44-7	Benzyl chloride	ND		ug/m³	1.5	1.485	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	05/08/2023 07:00	05/08/2023 11:15	VH
75-27-4	Bromodichloromethane	ND		ug/m³	0.99	1.485	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	05/08/2023 07:00	05/08/2023 11:15	VH
75-25-2	Bromoform	ND		ug/m³	1.5	1.485	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	05/08/2023 07:00	05/08/2023 11:15	VH
74-83-9	Bromomethane	ND		ug/m³	0.58	1.485	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	05/08/2023 07:00	05/08/2023 11:15	VH
75-15-0	Carbon disulfide	ND		ug/m³	0.46	1.485	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	05/08/2023 07:00	05/08/2023 11:15	VH
56-23-5	**Carbon tetrachloride**	**0.56**		ug/m³	0.23	1.485	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	05/08/2023 07:00	05/08/2023 11:15	VH
108-90-7	Chlorobenzene	ND		ug/m³	0.68	1.485	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	05/08/2023 07:00	05/08/2023 11:15	VH
75-00-3	Chloroethane	ND		ug/m³	0.39	1.485	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	05/08/2023 07:00	05/08/2023 11:15	VH
67-66-3	**Chloroform**	**2.4**		ug/m³	0.73	1.485	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	05/08/2023 07:00	05/08/2023 11:15	VH
74-87-3	**Chloromethane**	**1.5**		ug/m³	0.31	1.485	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	05/08/2023 07:00	05/08/2023 11:15	VH
156-59-2	**cis-1,2-Dichloroethylene**	**210**		ug/m³	0.15	1.485	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	05/08/2023 07:00	05/08/2023 11:15	VH
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/m³	0.67	1.485	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	05/08/2023 07:00	05/08/2023 11:15	VH
110-82-7	**Cyclohexane**	**2.7**		ug/m³	0.51	1.485	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	05/08/2023 07:00	05/08/2023 11:15	VH
124-48-1	Dibromochloromethane	ND		ug/m³	1.3	1.485	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	05/08/2023 07:00	05/08/2023 11:15	VH
75-71-8	**Dichlorodifluoromethane**	**2.9**		ug/m³	0.73	1.485	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	05/08/2023 07:00	05/08/2023 11:15	VH
141-78-6	* Ethyl acetate	ND		ug/m³	1.1	1.485	EPA TO-15 Certifications:	05/08/2023 07:00	05/08/2023 11:15	VH
100-41-4	**Ethyl Benzene**	**0.64**		ug/m³	0.64	1.485	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	05/08/2023 07:00	05/08/2023 11:15	VH
87-68-3	Hexachlorobutadiene	ND	TO-CCV	ug/m³	3.2	1.485	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	05/08/2023 07:00	05/08/2023 11:15	VH

Sample Information

Client Sample ID: **System Effluent Air** **York Sample ID:** **23D1736-01**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23D1736	80 Banks Ave Rockville Centre 12-190	Soil Vapor	April 27, 2023 11:20 am	04/28/2023

Volatile Organics, EPA TO15 Full List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA TO15 PREP

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
67-63-0	**Isopropanol**	**1.6**		ug/m³	0.73	1.485	EPA TO-15	05/08/2023 07:00	05/08/2023 11:15	VH
							Certifications: NELAC-NY12058,NJDEP-Queens			
80-62-6	Methyl Methacrylate	ND		ug/m³	0.61	1.485	EPA TO-15	05/08/2023 07:00	05/08/2023 11:15	VH
							Certifications: NELAC-NY12058,NJDEP-Queens			
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/m³	0.54	1.485	EPA TO-15	05/08/2023 07:00	05/08/2023 11:15	VH
							Certifications: NELAC-NY12058,NJDEP-Queens			
75-09-2	Methylene chloride	ND		ug/m³	1.0	1.485	EPA TO-15	05/08/2023 07:00	05/08/2023 11:15	VH
							Certifications: NELAC-NY12058,NJDEP-Queens			
142-82-5	**n-Heptane**	**3.3**		ug/m³	0.61	1.485	EPA TO-15	05/08/2023 07:00	05/08/2023 11:15	VH
							Certifications: NELAC-NY12058,NJDEP-Queens			
110-54-3	**n-Hexane**	**7.8**		ug/m³	0.52	1.485	EPA TO-15	05/08/2023 07:00	05/08/2023 11:15	VH
							Certifications: NELAC-NY12058,NJDEP-Queens			
95-47-6	**o-Xylene**	**0.77**		ug/m³	0.64	1.485	EPA TO-15	05/08/2023 07:00	05/08/2023 11:15	VH
							Certifications: NELAC-NY12058,NJDEP-Queens			
179601-23-1	**p- & m- Xylenes**	**1.8**		ug/m³	1.3	1.485	EPA TO-15	05/08/2023 07:00	05/08/2023 11:15	VH
							Certifications: NELAC-NY12058,NJDEP-Queens			
622-96-8	*** p-Ethyltoluene**	**0.73**		ug/m³	0.73	1.485	EPA TO-15	05/08/2023 07:00	05/08/2023 11:15	VH
							Certifications:			
115-07-1	* Propylene	ND		ug/m³	0.26	1.485	EPA TO-15	05/08/2023 07:00	05/08/2023 11:15	VH
							Certifications:			
100-42-5	Styrene	ND		ug/m³	0.63	1.485	EPA TO-15	05/08/2023 07:00	05/08/2023 11:15	VH
							Certifications: NELAC-NY12058,NJDEP-Queens			
127-18-4	**Tetrachloroethylene**	**2600**		ug/m³	20	29.7	EPA TO-15	05/08/2023 07:00	05/08/2023 12:04	VH
							Certifications: NELAC-NY12058,NJDEP-Queens			
109-99-9	* Tetrahydrofuran	ND		ug/m³	0.88	1.485	EPA TO-15	05/08/2023 07:00	05/08/2023 11:15	VH
							Certifications:			
108-88-3	**Toluene**	**3.2**		ug/m³	0.56	1.485	EPA TO-15	05/08/2023 07:00	05/08/2023 11:15	VH
							Certifications: NELAC-NY12058,NJDEP-Queens			
156-60-5	**trans-1,2-Dichloroethylene**	**4.3**		ug/m³	0.59	1.485	EPA TO-15	05/08/2023 07:00	05/08/2023 11:15	VH
							Certifications: NELAC-NY12058,NJDEP-Queens			
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/m³	0.67	1.485	EPA TO-15	05/08/2023 07:00	05/08/2023 11:15	VH
							Certifications: NELAC-NY12058,NJDEP-Queens			
79-01-6	**Trichloroethylene**	**160**		ug/m³	0.20	1.485	EPA TO-15	05/08/2023 07:00	05/08/2023 11:15	VH
							Certifications: NELAC-NY12058,NJDEP-Queens			
75-69-4	**Trichlorofluoromethane (Freon 11)**	**1.6**		ug/m³	0.83	1.485	EPA TO-15	05/08/2023 07:00	05/08/2023 11:15	VH
							Certifications: NELAC-NY12058,NJDEP-Queens			
108-05-4	Vinyl acetate	ND		ug/m³	0.52	1.485	EPA TO-15	05/08/2023 07:00	05/08/2023 11:15	VH
							Certifications: NELAC-NY12058,NJDEP-Queens			
593-60-2	Vinyl bromide	ND		ug/m³	0.65	1.485	EPA TO-15	05/08/2023 07:00	05/08/2023 11:15	VH
							Certifications: NELAC-NY12058,NJDEP-Queens			
75-01-4	**Vinyl Chloride**	**15**	TO-CCV, TO-LCS-H	ug/m³	0.19	1.485	EPA TO-15	05/08/2023 07:00	05/08/2023 11:15	VH
							Certifications: NELAC-NY12058,NJDEP-Queens			

Analytical Batch Summary

Batch ID: BE30502 **Preparation Method:** EPA TO15 PREP **Prepared By:** VH

YORK Sample ID	Client Sample ID	Preparation Date
23D1736-01	System Effluent Air	05/08/23
23D1736-01RE1	System Effluent Air	05/08/23
BE30502-BLK1	Blank	05/08/23
BE30502-BS1	LCS	05/08/23

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

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BE30502 - EPA TO15 PREP											
Blank (BE30502-BLK1)											Prepared & Analyzed: 05/08/2023
1,1,1,2-Tetrachloroethane	ND	0.69	ug/m³								
1,1,1-Trichloroethane	ND	0.55	"								
1,1,2,2-Tetrachloroethane	ND	0.69	"								
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	0.77	"								
1,1,2-Trichloroethane	ND	0.55	"								
1,1-Dichloroethane	ND	0.40	"								
1,1-Dichloroethylene	ND	0.099	"								
1,2,4-Trichlorobenzene	ND	0.74	"								
1,2,4-Trimethylbenzene	ND	0.49	"								
1,2-Dibromoethane	ND	0.77	"								
1,2-Dichlorobenzene	ND	0.60	"								
1,2-Dichloroethane	ND	0.40	"								
1,2-Dichloropropane	ND	0.46	"								
1,2-Dichlorotetrafluoroethane	ND	0.70	"								
1,3,5-Trimethylbenzene	ND	0.49	"								
1,3-Butadiene	ND	0.66	"								
1,3-Dichlorobenzene	ND	0.60	"								
1,3-Dichloropropane	ND	0.46	"								
1,4-Dichlorobenzene	ND	0.60	"								
1,4-Dioxane	ND	0.72	"								
2-Butanone	ND	0.29	"								
2-Hexanone	ND	0.82	"								
3-Chloropropene	ND	1.6	"								
4-Methyl-2-pentanone	ND	0.41	"								
Acetone	ND	0.48	"								
Acrylonitrile	ND	0.22	"								
Benzene	ND	0.32	"								
Benzyl chloride	ND	0.52	"								
Bromodichloromethane	ND	0.67	"								
Bromoform	ND	1.0	"								
Bromomethane	ND	0.39	"								
Carbon disulfide	ND	0.31	"								
Carbon tetrachloride	ND	0.16	"								
Chlorobenzene	ND	0.46	"								
Chloroethane	ND	0.26	"								
Chloroform	ND	0.49	"								
Chloromethane	ND	0.21	"								
cis-1,2-Dichloroethylene	ND	0.099	"								
cis-1,3-Dichloropropylene	ND	0.45	"								
Cyclohexane	ND	0.34	"								
Dibromochloromethane	ND	0.85	"								
Dichlorodifluoromethane	ND	0.49	"								
Ethyl acetate	ND	0.72	"								
Ethyl Benzene	ND	0.43	"								
Hexachlorobutadiene	ND	1.1	"								
Isopropanol	ND	0.49	"								
Methyl Methacrylate	ND	0.41	"								
Methyl tert-butyl ether (MTBE)	ND	0.36	"								
Methylene chloride	ND	0.69	"								

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

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BE30502 - EPA TO15 PREP											
Blank (BE30502-BLK1)											Prepared & Analyzed: 05/08/2023
n-Heptane	ND	0.41	ug/m³								
n-Hexane	ND	0.35	"								
o-Xylene	ND	0.43	"								
p- & m- Xylenes	ND	0.87	"								
p-Ethyltoluene	ND	0.49	"								
Propylene	ND	0.17	"								
Styrene	ND	0.43	"								
Tetrachloroethylene	ND	0.68	"								
Tetrahydrofuran	ND	0.59	"								
Toluene	ND	0.38	"								
trans-1,2-Dichloroethylene	ND	0.40	"								
trans-1,3-Dichloropropylene	ND	0.45	"								
Trichloroethylene	ND	0.13	"								
Trichlorofluoromethane (Freon 11)	ND	0.56	"								
Vinyl acetate	ND	0.35	"								
Vinyl bromide	ND	0.44	"								
Vinyl Chloride	ND	0.13	"								
LCS (BE30502-BS1)											Prepared & Analyzed: 05/08/2023
1,1,1,2-Tetrachloroethane	8.91		ppbv	10.0		89.1	70-130				
1,1,1-Trichloroethane	10.2		"	10.0		102	70-130				
1,1,2,2-Tetrachloroethane	10.6		"	10.0		106	70-130				
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	10.2		"	10.0		102	70-130				
1,1,2-Trichloroethane	9.92		"	10.0		99.2	70-130				
1,1-Dichloroethane	9.44		"	10.0		94.4	70-130				
1,1-Dichloroethylene	8.78		"	10.0		87.8	70-130				
1,2,4-Trichlorobenzene	9.81		"	10.0		98.1	70-130				
1,2,4-Trimethylbenzene	11.9		"	10.0		119	70-130				
1,2-Dibromoethane	10.1		"	10.0		101	70-130				
1,2-Dichlorobenzene	10.0		"	10.0		100	70-130				
1,2-Dichloroethane	9.45		"	10.0		94.5	70-130				
1,2-Dichloropropane	9.05		"	10.0		90.5	70-130				
1,2-Dichlorotetrafluoroethane	11.4		"	10.0		114	70-130				
1,3,5-Trimethylbenzene	11.1		"	10.0		111	70-130				
1,3-Butadiene	12.4		"	10.0		124	70-130				
1,3-Dichlorobenzene	10.3		"	10.0		103	70-130				
1,3-Dichloropropane	9.36		"	10.0		93.6	70-130				
1,4-Dichlorobenzene	10.1		"	10.0		101	70-130				
1,4-Dioxane	9.12		"	10.0		91.2	70-130				
2-Butanone	10.7		"	10.0		107	70-130				
2-Hexanone	10.6		"	10.0		106	70-130				
3-Chloropropene	9.13		"	10.0		91.3	70-130				
4-Methyl-2-pentanone	9.80		"	10.0		98.0	70-130				
Acetone	9.25		"	10.0		92.5	70-130				
Acrylonitrile	10.2		"	10.0		102	70-130				
Benzene	10.6		"	10.0		106	70-130				
Benzyl chloride	7.96		"	10.0		79.6	70-130				
Bromodichloromethane	9.45		"	10.0		94.5	70-130				
Bromoform	9.79		"	10.0		97.9	70-130				
Bromomethane	9.60		"	10.0		96.0	70-130				
Carbon disulfide	10.0		"	10.0		100	70-130				

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

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BE30502 - EPA TO15 PREP											
LCS (BE30502-BS1)								Prepared & Analyzed: 05/08/2023			
Carbon tetrachloride	9.05		ppbv	10.0		90.5	70-130				
Chlorobenzene	9.57		"	10.0		95.7	70-130				
Chloroethane	9.41		"	10.0		94.1	70-130				
Chloroform	10.3		"	10.0		103	70-130				
Chloromethane	9.74		"	10.0		97.4	70-130				
cis-1,2-Dichloroethylene	8.31		"	10.0		83.1	70-130				
cis-1,3-Dichloropropylene	9.34		"	10.0		93.4	70-130				
Cyclohexane	9.90		"	10.0		99.0	70-130				
Dibromochloromethane	9.64		"	10.0		96.4	70-130				
Dichlorodifluoromethane	10.7		"	10.0		107	70-130				
Ethyl acetate	10.7		"	10.0		107	70-130				
Ethyl Benzene	10.0		"	10.0		100	70-130				
Hexachlorobutadiene	7.17		"	10.0		71.7	70-130				
Isopropanol	9.70		"	10.0		97.0	70-130				
Methyl Methacrylate	9.89		"	10.0		98.9	70-130				
Methyl tert-butyl ether (MTBE)	9.91		"	10.0		99.1	70-130				
Methylene chloride	9.30		"	10.0		93.0	70-130				
n-Heptane	10.8		"	10.0		108	70-130				
n-Hexane	9.95		"	10.0		99.5	70-130				
o-Xylene	10.3		"	10.0		103	70-130				
p- & m- Xylenes	22.3		"	20.0		111	70-130				
p-Ethyltoluene	12.1		"	10.0		121	70-130				
Propylene	9.85		"	10.0		98.5	70-130				
Styrene	9.32		"	10.0		93.2	70-130				
Tetrachloroethylene	9.61		"	10.0		96.1	70-130				
Tetrahydrofuran	10.2		"	10.0		102	70-130				
Toluene	9.70		"	10.0		97.0	70-130				
trans-1,2-Dichloroethylene	9.56		"	10.0		95.6	70-130				
trans-1,3-Dichloropropylene	9.52		"	10.0		95.2	70-130				
Trichloroethylene	8.28		"	10.0		82.8	70-130				
Trichlorofluoromethane (Freon 11)	10.0		"	10.0		100	70-130				
Vinyl acetate	7.98		"	10.0		79.8	70-130				
Vinyl bromide	10.4		"	10.0		104	70-130				
Vinyl Chloride	14.6		"	10.0		146	70-130	High Bias			

Sample and Data Qualifiers Relating to This Work Order

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

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

Definitions and Other Explanations

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

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

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

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

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

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

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

NR Not reported

RPD Relative Percent Difference

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

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

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

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

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

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

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

Certification for pH is no longer offered by NYDOH ELAP.

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

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

23D1736

Field Chain-of-Custody Record - AIR

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

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

YORK Project No. 23D1736

YOUR Information	Report To:	Invoice To:
Company: Laurel Environmental	Company:	Company:
Address: 53 West Hills Rd Huntington Station, NY 11746	Address: Scott	Address: Kathy
Phone.: (631) 673-0612	Phone.:	Phone.:
Contact: Scott Yanuck	Contact:	Contact:
E-mail: labresults@laurelenv.com	E-mail:	E-mail:

YOUR Project Number: 12-190

YOUR Project Name: 80 Banks Ave, Rockville Center

YOUR PO#:

Turn-Around Time

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

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

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

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 ✓
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 ___

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
System Effluent Air	4/27/23 11:20	AE	-30	-5	1011	—	TO-15
		"					

Comments:

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

Sampling Media
6 Liter Canister ✓
Tedlar Bag

Samples Relinquished by / Company	Date/Time	Samples Received by / Company	Date/Time	Samples Relinquished by / Company	Date/Time
Connor Grosso / Laurel	4/28/23 1120 AM	K Burbank	4/28/23 1120AM	K Burbank	4/28/23 1630
TC Yatil / YORK	4/28/23 1630		4/28/23 20:45	Victor D. York	4/28/23 20:45
Victor D. York	04/29/23 0000			Received in LAB by: YORK	04/29/23 1600

APPENDIX C

Data Usability Summary Report

PENDING COMPLETION

APPENDIX D

SPDES Analytical Results

Technical Report

prepared for:

Laurel Environmental Geosciences, D.P.C.
53 W Hills Road, Suite 1
Huntington Station NY, 11746
Attention: Scott Yanuck

Report Date: 03/09/2023
Client Project ID: 80 Banks Avenue 12-190
York Project (SDG) No.: 23C0056

Report Date: 03/09/2023
Client Project ID: 80 Banks Avenue 12-190
York Project (SDG) No.: 23C0056

Laurel Environmental Geosciences, D.P.C.
53 W Hills Road, Suite 1
Huntington Station NY, 11746
Attention: Scott Yanuck

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 March 01, 2023 and listed below. The project was identified as your project: **80 Banks Avenue 12-190**.

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
23C0056-01	System Effluent	Water	02/28/2023	03/01/2023

General Notes for York Project (SDG) No.: 23C0056

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: Cassie L. Mosher **Date:** 03/09/2023

Cassie L. Mosher
Laboratory Manager

Sample Information

Client Sample ID: **System Effluent** **York Sample ID:** **23C0056-01**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23C0056	80 Banks Avenue 12-190	Water	February 28, 2023 11:00 am	03/01/2023

Volatile Organics, 624 List

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	ND		ug/L	6.1	10	1	EPA 624.1 Certifications:	03/08/2023 08:00	03/08/2023 14:13	SMA
1634-04-4	* Methyl tert-butyl ether (MTBE)	ND		ug/L	0.53	5.0	1	EPA 624.1 Certifications:	03/08/2023 08:00	03/08/2023 14:13	SMA
127-18-4	**Tetrachloroethylene**	**3.8**	J	ug/L	3.3	5.0	1	EPA 624.1 Certifications:	03/08/2023 08:00 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	03/08/2023 14:13	SMA
108-88-3	Toluene	ND		ug/L	0.81	5.0	1	EPA 624.1 Certifications:	03/08/2023 08:00 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	03/08/2023 14:13	SMA
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	3.5	5.0	1	EPA 624.1 Certifications:	03/08/2023 08:00 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	03/08/2023 14:13	SMA
79-01-6	Trichloroethylene	ND		ug/L	1.2	5.0	1	EPA 624.1 Certifications:	03/08/2023 08:00 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	03/08/2023 14:13	SMA
75-01-4	Vinyl Chloride	ND		ug/L	1.3	5.0	1	EPA 624.1 Certifications:	03/08/2023 08:00 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	03/08/2023 14:13	SMA

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: SURR: 1,2-Dichloroethane-d4*	*101 %*	*78-126*
2037-26-5	*Surrogate: SURR: Toluene-d8*	*91.2 %*	*84-117*
460-00-4	*Surrogate: SURR: p-Bromofluorobenzene*	*103 %*	*71-130*

Semi-Volatiles, 8270 Base/Neutrals

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

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	2.47	5.00	1	EPA 8270D Certifications:	03/02/2023 08:21 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	03/06/2023 16:45	KH
99-09-2	3-Nitroaniline	ND		ug/L	1.68	5.00	1	EPA 8270D Certifications:	03/02/2023 08:21 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	03/06/2023 16:45	KH

	Surrogate Recoveries	Result	Acceptance Range
4165-60-0	*Surrogate: SURR: Nitrobenzene-d5*	*57.8 %*	*50.2-113*
321-60-8	*Surrogate: SURR: 2-Fluorobiphenyl*	*50.3 %*	*39.9-105*
1718-51-0	*Surrogate: SURR: Terphenyl-d14*	*59.9 %*	*30.7-106*

Arsenic by EPA 200.7

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

Sample Prepared by Method: EPA 200.7

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-38-2	Arsenic	ND		ug/L	16.7	1	EPA 200.7 Certifications:	03/06/2023 08:16 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	03/06/2023 18:08	CW

Barium by EPA 200.7

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

Sample Information

Client Sample ID: **System Effluent** **York Sample ID:** **23C0056-01**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23C0056	80 Banks Avenue 12-190	Water	February 28, 2023 11:00 am	03/01/2023

Sample Prepared by Method: EPA 200.7

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-39-3	**Barium**	**38.8**		ug/L	27.8	1	EPA 200.7	03/06/2023 08:16	03/06/2023 18:08	CW
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		

Beryllium by EPA 200.7

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 200.7

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-41-7	Beryllium	ND		ug/L	0.556	1	EPA 200.7	03/06/2023 08:16	03/06/2023 18:08	CW
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		

Cadmium by EPA 200.7

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 200.7

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-43-9	Cadmium	ND		ug/L	3.33	1	EPA 200.7	03/06/2023 08:16	03/06/2023 18:08	CW
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		

Chromium by EPA 200.7

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 200.7

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-47-3	**Chromium**	**10.1**		ug/L	5.56	1	EPA 200.7	03/06/2023 08:16	03/06/2023 18:08	CW
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		

Cobalt by EPA 200.7

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 200.7

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-48-4	Cobalt	ND		ug/L	4.44	1	EPA 200.7	03/06/2023 08:16	03/06/2023 18:08	CW
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		

Copper by EPA 200.7

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 200.7

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-50-8	**Copper**	**28.6**		ug/L	22.2	1	EPA 200.7	03/06/2023 08:16	03/06/2023 18:08	CW
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		

Iron by EPA 200.7

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 200.7

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-89-6	Iron	ND		ug/L	278	1	EPA 200.7	03/06/2023 08:16	03/06/2023 18:08	CW
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		

Lead by EPA 200.7

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 200.7

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

Sample Information

Client Sample ID: System Effluent **York Sample ID:** 23C0056-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23C0056	80 Banks Avenue 12-190	Water	February 28, 2023 11:00 am	03/01/2023

Lead by EPA 200.7

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 200.7

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-92-1	Lead	ND		ug/L	5.56	1	EPA 200.7	03/06/2023 08:16	03/06/2023 18:08	CW
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		

Magnesium by EPA 200.7

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 200.7

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-95-4	**Magnesium**	**105**		ug/L	55.6	1	EPA 200.7	03/06/2023 08:16	03/06/2023 18:08	CW
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		

Manganese by EPA 200.7

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 200.7

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-96-5	Manganese	ND		ug/L	5.56	1	EPA 200.7	03/06/2023 08:16	03/06/2023 18:08	CW
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		

Nickel by EPA 200.7

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 200.7

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-02-0	Nickel	ND		ug/L	11.1	1	EPA 200.7	03/06/2023 08:16	03/06/2023 18:08	CW
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		

Vanadium by EPA 200.7

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 200.7

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-62-2	Vanadium	ND		ug/L	11.1	1	EPA 200.7	03/06/2023 08:16	03/06/2023 18:08	CW
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		

Zinc by EPA 200.7

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 200.7

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-66-6	**Zinc**	**32.9**		ug/L	27.8	1	EPA 200.7	03/06/2023 08:16	03/06/2023 18:08	CW
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		

Mercury by EPA 245.1

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 245.1 Mercury

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	Mercury	ND		ug/L	0.2000	1	EPA 245.1	03/09/2023 08:03	03/09/2023 08:03	MR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		

Sample Information

Client Sample ID: **System Effluent** **York Sample ID:** **23C0056-01**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23C0056	80 Banks Avenue 12-190	Water	February 28, 2023 11:00 am	03/01/2023

pH

Log-in Notes:

Sample Notes:

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	*** pH**	**7.16**	HT-pH	pH units	0.500	1	SM 4500 H+B	03/03/2023 13:56	03/09/2023 17:14	PAM
							Certifications: CTDOH-PH-0723			

Total Suspended Solids (EPA)

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
	*** Total Suspended Solids**	**22000**		ug/L	4000	1	EPA 160.2	03/06/2023 07:29	03/07/2023 12:58	sgs
							Certifications:			

Analytical Batch Summary

Batch ID: BC30107 **Preparation Method:** EPA 3510C **Prepared By:** SCC

YORK Sample ID	Client Sample ID	Preparation Date
23C0056-01	System Effluent	03/02/23
BC30107-BLK1	Blank	03/02/23
BC30107-BS1	LCS	03/02/23
BC30107-BSD1	LCS Dup	03/02/23

Batch ID: BC30240 **Preparation Method:** Analysis Preparation **Prepared By:** S_S

YORK Sample ID	Client Sample ID	Preparation Date
23C0056-01	System Effluent	03/03/23
BC30240-DUP1	Duplicate	03/03/23

Batch ID: BC30282 **Preparation Method:** % Solids Prep **Prepared By:** sgs

YORK Sample ID	Client Sample ID	Preparation Date
23C0056-01	System Effluent	03/06/23
BC30282-BLK1	Blank	03/06/23
BC30282-DUP1	Duplicate	03/06/23
BC30282-DUP2	Duplicate	03/06/23

Batch ID: BC30292 **Preparation Method:** EPA 200.7 **Prepared By:** MCS

YORK Sample ID	Client Sample ID	Preparation Date
23C0056-01	System Effluent	03/06/23
BC30292-BLK1	Blank	03/06/23
BC30292-BS1	LCS	03/06/23
BC30292-DUP1	Duplicate	03/06/23
BC30292-MS1	Matrix Spike	03/06/23
BC30292-MS2	Matrix Spike	03/06/23
BC30292-PS1	Post Spike	03/06/23

Batch ID: BC30504 **Preparation Method:** EPA 5030B **Prepared By:** SMA

YORK Sample ID	Client Sample ID	Preparation Date
23C0056-01	System Effluent	03/08/23
BC30504-BLK1	Blank	03/08/23
BC30504-BS1	LCS	03/08/23
BC30504-BSD1	LCS Dup	03/08/23

Batch ID: BC30560 **Preparation Method:** EPA 245.1 Mercury **Prepared By:** AD

YORK Sample ID	Client Sample ID	Preparation Date
23C0056-01	System Effluent	03/09/23

BC30560-BLK1	Blank	03/09/23
BC30560-BLK2	Blank	03/09/23
BC30560-BS1	LCS	03/09/23
BC30560-BS2	LCS	03/09/23

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BC30504 - EPA 5030B											
Blank (BC30504-BLK1)								Prepared & Analyzed: 03/08/2023			
Acetone	ND	10	ug/L								
Methyl tert-butyl ether (MTBE)	ND	5.0	"								
Tetrachloroethylene	ND	5.0	"								
Toluene	ND	5.0	"								
trans-1,2-Dichloroethylene	ND	5.0	"								
Trichloroethylene	ND	5.0	"								
Vinyl Chloride	ND	5.0	"								
Surrogate: SURR: 1,2-Dichloroethane-d4	*9.73*		*"*	*10.0*		*97.3*	*78-126*				
Surrogate: SURR: Toluene-d8	*9.16*		*"*	*10.0*		*91.6*	*84-117*				
Surrogate: SURR: p-Bromofluorobenzene	*10.4*		*"*	*10.0*		*104*	*71-130*				
LCS (BC30504-BS1)								Prepared & Analyzed: 03/08/2023			
Acetone	8.6		ug/L	20.0		43.2	30-112				
Methyl tert-butyl ether (MTBE)	21		"	20.0		104	59-135				
Tetrachloroethylene	11		"	20.0		53.2	77-133	Low Bias			
Toluene	20		"	20.0		99.3	83-122				
trans-1,2-Dichloroethylene	24		"	20.0		121	59-145				
Trichloroethylene	19		"	20.0		92.6	80-125				
Vinyl Chloride	25		"	20.0		125	41-136				
Surrogate: SURR: 1,2-Dichloroethane-d4	*9.47*		*"*	*10.0*		*94.7*	*78-126*				
Surrogate: SURR: Toluene-d8	*9.21*		*"*	*10.0*		*92.1*	*84-117*				
Surrogate: SURR: p-Bromofluorobenzene	*10.2*		*"*	*10.0*		*102*	*71-130*				
LCS Dup (BC30504-BSD1)								Prepared & Analyzed: 03/08/2023			
Acetone	9.1		ug/L	20.0		45.4	30-112		4.74	30	
Methyl tert-butyl ether (MTBE)	21		"	20.0		106	59-135		2.19	30	
Tetrachloroethylene	9.9		"	20.0		49.3	77-133	Low Bias	7.52	30	
Toluene	19		"	20.0		93.6	83-122		5.86	30	
trans-1,2-Dichloroethylene	23		"	20.0		114	59-145		6.13	30	
Trichloroethylene	18		"	20.0		88.1	80-125		5.03	30	
Vinyl Chloride	24		"	20.0		119	41-136		4.75	30	
Surrogate: SURR: 1,2-Dichloroethane-d4	*9.74*		*"*	*10.0*		*97.4*	*78-126*				
Surrogate: SURR: Toluene-d8	*9.16*		*"*	*10.0*		*91.6*	*84-117*				
Surrogate: SURR: p-Bromofluorobenzene	*10.2*		*"*	*10.0*		*102*	*71-130*				

Semivolatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BC30107 - EPA 3510C											
Blank (BC30107-BLK1)											Prepared: 03/02/2023 Analyzed: 03/03/2023
1,2,4-Trichlorobenzene	ND	5.00	ug/L								
3-Nitroaniline	ND	5.00	"								
Surrogate: SURR: Nitrobenzene-d5	*21.2*		*"*	*25.0*		*85.0*	*50.2-113*				
Surrogate: SURR: 2-Fluorobiphenyl	*18.1*		*"*	*25.0*		*72.4*	*39.9-105*				
Surrogate: SURR: Terphenyl-d14	*21.2*		*"*	*25.0*		*84.8*	*30.7-106*				
LCS (BC30107-BS1)											Prepared: 03/02/2023 Analyzed: 03/03/2023
1,2,4-Trichlorobenzene	13.8	5.00	ug/L	25.0		55.1	35-91				
3-Nitroaniline	13.2	5.00	"	25.0		52.8	29-128				
Surrogate: SURR: Nitrobenzene-d5	*19.4*		*"*	*25.0*		*77.8*	*50.2-113*				
Surrogate: SURR: 2-Fluorobiphenyl	*16.9*		*"*	*25.0*		*67.4*	*39.9-105*				
Surrogate: SURR: Terphenyl-d14	*19.5*		*"*	*25.0*		*77.9*	*30.7-106*				
LCS Dup (BC30107-BSD1)											Prepared: 03/02/2023 Analyzed: 03/03/2023
1,2,4-Trichlorobenzene	14.2	5.00	ug/L	25.0		56.6	35-91		2.72	20	
3-Nitroaniline	13.9	5.00	"	25.0		55.7	29-128		5.46	20	
Surrogate: SURR: Nitrobenzene-d5	*17.1*		*"*	*25.0*		*68.3*	*50.2-113*				
Surrogate: SURR: 2-Fluorobiphenyl	*14.7*		*"*	*25.0*		*58.8*	*39.9-105*				
Surrogate: SURR: Terphenyl-d14	*16.7*		*"*	*25.0*		*66.8*	*30.7-106*				

Metals by ICP - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BC30292 - EPA 200.7											
Blank (BC30292-BLK1)										Prepared & Analyzed: 03/06/2023	
Arsenic	ND	16.7	ug/L								
Barium	ND	27.8	"								
Beryllium	ND	0.556	"								
Cadmium	ND	3.33	"								
Chromium	ND	5.56	"								
Cobalt	ND	4.44	"								
Copper	ND	22.2	"								
Iron	ND	278	"								
Lead	ND	5.56	"								
Magnesium	ND	55.6	"								
Manganese	ND	5.56	"								
Nickel	ND	11.1	"								
Vanadium	ND	11.1	"								
Zinc	ND	27.8	"								
LCS (BC30292-BS1)										Prepared & Analyzed: 03/06/2023	
Arsenic	1.78		ug/mL	2.00		88.9	85-115				
Barium	2.00		"	2.00		99.8	85-115				
Beryllium	0.0466		"	0.0500		93.3	85-115				
Cadmium	0.0461		"	0.0500		92.2	85-115				
Chromium	0.192		"	0.200		96.2	85-115				
Cobalt	0.498		"	0.500		99.7	85-115				
Copper	0.241		"	0.250		96.5	85-115				
Iron	0.958		"	1.00		95.8	85-115				
Lead	0.472		"	0.500		94.4	85-115				
Magnesium	0.949		"	1.00		94.9	85-115				
Manganese	0.491		"	0.500		98.3	85-115				
Nickel	0.480		"	0.500		96.0	85-115				
Vanadium	0.472		"	0.500		94.4	85-115				
Zinc	0.476		"	0.500		95.3	85-115				

Metals by ICP - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BC30292 - EPA 200.7											
Duplicate (BC30292-DUP1)	*Source sample: 23C0056-01 (System Effluent)							Prepared & Analyzed: 03/06/2023			
Arsenic	ND	16.7	ug/L		ND					20	
Barium	37.8	27.8	"		38.8				2.47	20	
Beryllium	ND	0.556	"		ND					20	
Cadmium	ND	3.33	"		ND					20	
Chromium	10.1	5.56	"		10.1				0.482	20	
Cobalt	ND	4.44	"		ND					20	
Copper	25.0	22.2	"		28.6				13.2	20	
Iron	ND	278	"		ND					20	
Lead	ND	5.56	"		ND					20	
Magnesium	88.2	55.6	"		105				17.8	20	
Manganese	ND	5.56	"		ND					20	
Nickel	ND	11.1	"		ND					20	
Vanadium	ND	11.1	"		ND					20	
Zinc	30.9	27.8	"		32.9				6.17	20	
Matrix Spike (BC30292-MS1)	*Source sample: 23C0056-01 (System Effluent)							Prepared & Analyzed: 03/06/2023			
Arsenic	2100	16.7	ug/L	2220	ND	94.6	75-125				
Barium	2260	27.8	"	2220	38.8	99.8	75-125				
Beryllium	54.1	0.556	"	55.6	ND	97.5	75-125				
Cadmium	50.7	3.33	"	55.6	ND	91.2	75-125				
Chromium	226	5.56	"	222	10.1	97.1	75-125				
Cobalt	560	4.44	"	556	ND	101	75-125				
Copper	312	22.2	"	278	28.6	102	75-125				
Iron	1200	278	"	1110	ND	108	75-125				
Lead	513	5.56	"	556	ND	92.3	75-125				
Magnesium	1150	55.6	"	1110	105	93.6	75-125				
Manganese	559	5.56	"	556	ND	101	75-125				
Nickel	554	11.1	"	556	ND	99.8	75-125				
Vanadium	552	11.1	"	556	ND	99.3	75-125				
Zinc	574	27.8	"	556	32.9	97.4	75-125				

Metals by ICP - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BC30292 - EPA 200.7											
Matrix Spike (BC30292-MS2)	*Source sample: 23C0051-01 (Matrix Spike)							Prepared & Analyzed: 03/06/2023			
Arsenic	1930	16.7	ug/L	2220	ND	87.0	75-125				
Barium	2410	27.8	"	2220	286	95.8	75-125				
Beryllium	51.1	0.556	"	55.6	ND	92.0	75-125				
Cadmium	49.4	3.33	"	55.6	ND	89.0	75-125				
Chromium	250	5.56	"	222	45.8	92.1	75-125				
Cobalt	536	4.44	"	556	7.21	95.2	75-125				
Copper	327	22.2	"	278	65.9	93.9	75-125				
Iron	10700	278	"	1110	9290	125	75-125				
Lead	611	5.56	"	556	112	89.9	75-125				
Magnesium	5610	55.6	"	1110	4630	87.9	75-125				
Manganese	5710	5.56	"	556	4970	132	75-125	High Bias			
Nickel	545	11.1	"	556	30.5	92.6	75-125				
Vanadium	523	11.1	"	556	16.4	91.2	75-125				
Zinc	587	27.8	"	556	84.1	90.5	75-125				
Post Spike (BC30292-PS1)	*Source sample: 23C0056-01 (System Effluent)							Prepared & Analyzed: 03/06/2023			
Arsenic	2.20		ug/mL	2.00	-0.00171	110	75-125				
Barium	2.24		"	2.00	0.0349	110	75-125				
Beryllium	0.0534		"	0.0500	-0.000317	107	75-125				
Cadmium	0.0532		"	0.0500	-0.0000565	106	75-125				
Chromium	0.222		"	0.200	0.00906	107	75-125				
Cobalt	0.569		"	0.500	-0.000485	114	75-125				
Copper	0.304		"	0.250	0.0257	111	75-125				
Iron	1.18		"	1.00	0.113	107	75-125				
Lead	0.539		"	0.500	-0.00259	108	75-125				
Magnesium	1.12		"	1.00	0.0949	103	75-125				
Manganese	0.553		"	0.500	0.00134	110	75-125				
Nickel	0.563		"	0.500	0.000431	112	75-125				
Vanadium	0.542		"	0.500	0.00567	107	75-125				
Zinc	0.581		"	0.500	0.0296	110	75-125				

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

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BC30560 - EPA 245.1 Mercury											
Blank (BC30560-BLK1)								Prepared & Analyzed: 03/09/2023			
Mercury	ND	0.2000	ug/L								
Blank (BC30560-BLK2)								Prepared & Analyzed: 03/09/2023			
Mercury	ND	0.2000	ug/L								
LCS (BC30560-BS1)								Prepared & Analyzed: 03/09/2023			
Mercury	2.031	0.2000	ug/L	2.00		102	75-125				
LCS (BC30560-BS2)								Prepared & Analyzed: 03/09/2023			
Mercury	2.054	0.2000	ug/L	2.00		103	75-125				

Wet Chemistry Parameters - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BC30240 - Analysis Preparation											
Duplicate (BC30240-DUP1)	*Source sample: 23C0051-01 (Duplicate)								Prepared & Analyzed: 03/03/2023		
pH	7.00	0.500	pH units		7.42				5.83	10	

Miscellaneous Physical Parameters - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BC30282 - % Solids Prep											
Blank (BC30282-BLK1)									Prepared: 03/06/2023 Analyzed: 03/07/2023		
Total Suspended Solids	ND	1000	ug/L								
Duplicate (BC30282-DUP1)	*Source sample: 23C0007-01 (Duplicate)								Prepared: 03/06/2023 Analyzed: 03/07/2023		
Total Suspended Solids	55000	10000	ug/L		53000				3.70	15	
Duplicate (BC30282-DUP2)	*Source sample: 23C0056-01 (System Effluent)								Prepared: 03/06/2023 Analyzed: 03/07/2023		
Total Suspended Solids	22000	4000	ug/L		22000				0.00	15	

Volatile Analysis Sample Containers

Lab ID	Client Sample ID	Volatile Sample Container
23C0056-01	System Effluent	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C

Sample and Data Qualifiers Relating to This Work Order

QL-02	This LCS analyte is outside Laboratory Recovery limits due the analyte behavior using the referenced method. The reference method has certain limitations with respect to analytes of this nature.
J	Detected below the Reporting Limit but greater than or equal to the Method Detection Limit (MDL/LOD) or in the case of a TIC, the result is an estimated concentration.
HT-pH	HOLDING TIME EXCEEDED. Samples for pH must be measured in the field or within 15 minutes of sample collection.

Definitions and Other Explanations

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

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

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

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

Certification for pH is no longer offered by NYDOH ELAP.

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

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

Field Chain-of-Custody Record

YORK ANALYTICAL LABORATORIES INC

York Analytical Laboratories, Inc. (YORK)'s Standard Terms & Conditions are listed on the back side of this document.
This document serves as your written authorization for YORK to proceed with the analyses requested below.
Your signature binds you to YORK's Standard Terms & Conditions.

YORK Project No. 23CC07C

120 Research Drive Stratford, CT 06615 - 132-02 89th Ave Queens, NY 11418 - 56 Church Hill Rd. #2 Newtown, CT 06470 clientservices@yorklab.com www.yorklab.com 800-306-YORK

Page 1 of 1

YOUR Information	Report To:	Invoice To:
Company: Laurel Environmental Geosciences	Company:	Company:
Address: 53 West Hills Road, Huntington Station, NY, 11746	Address: Scott	Address: Kathy
Phone.: (631)-673-0612	Phone.:	Phone.:
Contact: Scott	Contact:	Contact:
E-mail: Labresults@laurelenv.com	E-mail:	E-mail:

YOUR Project Number: 12-190

YOUR Project Name: 80 Banks Avenue

YOUR PO#:

Turn-Around Time

RUSH - Next Day	
RUSH - Two Day	
RUSH - Three Day	
RUSH - Four Day	
Standard (5-7 Day)	X
(7-10 for PFAS)	

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.

Elijah Berger

Samples Collected by: (print AND sign your name)

Matrix Codes

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

Samples From

New York	X
New Jersey	
Connecticut	
Pennsylvania	
Other:	

Report / EDD Type (circle selections)

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

YORK Reg. Comp.

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

Sample Identification	Sample Matrix	Date/Time Sampled	Analyses Requested	Container Type	No.
System Effluent	GW	2/28/23 11:00	NYSDEC SPDES + TSS	(3) VOA, (2) Amber, (2) HDPE	

Comments:

Preservation: (check all that apply)

HCl ✓ MeOH ___ HNO3 ✓ H2SO4 ___ NaOH ___
ZnAc ___ Ascorbic Acid ___ Other: ___

Samples iced/chilled at time of lab pickup? circle Yes or No

Special Instruction

Field Filtered
Lab to Filter

Samples Relinquished by / Company	Date/Time	Samples Received by / Company	Date/Time	Samples Relinquished by / Company	Date/Time
Laurel Fridge	3-1-23 11:10 AM	KBarker York	3/1/23 11:10AM	KBarker York	3-1-23 1630
Samples Received by / Company	Date/Time	Samples Relinquished by / Company	Date/Time	Samples Received by / Company	Date/Time
Samples Relinquished by / Company	Date/Time	Samples Received by / Company	Date/Time	Samples Received in LAB by	Date/Time / Temperature
				KBlocker	3/1/23 1630 / 1.8 Degrees C

Technical Report

prepared for:

Laurel Environmental Geosciences, D.P.C.
53 W Hills Road, Suite 1
Huntington Station NY, 11746
Attention: Scott Yanuck

Report Date: 03/30/2023
Client Project ID: 80 Banks Avenue, Rockville Centre, NY 12-190
York Project (SDG) No.: 23C1250

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: 03/30/2023
Client Project ID: 80 Banks Avenue, Rockville Centre, NY 12-190
York Project (SDG) No.: 23C1250

Laurel Environmental Geosciences, D.P.C.
53 W Hills Road, Suite 1
Huntington Station NY, 11746
Attention: Scott Yanuck

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 March 22, 2023 and listed below. The project was identified as your project: **80 Banks Avenue, Rockville Centre, NY 12-190**.

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
23C1250-01	System Effluent	Water	03/22/2023	03/22/2023

General Notes for York Project (SDG) No.: 23C1250

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: Cassie L. Mosher **Date:** 03/30/2023

Cassie L. Mosher
Laboratory Manager

Sample Information

Client Sample ID: **System Effluent** **York Sample ID:** **23C1250-01**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23C1250	80 Banks Avenue, Rockville Centre, NY 12-190	Water	March 22, 2023 9:10 am	03/22/2023

Volatile Organics, 624 List

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	ND		ug/L	6.1	10	1	EPA 624.1 Certifications:	03/23/2023 09:00	03/23/2023 17:36	SMA
1634-04-4	* Methyl tert-butyl ether (MTBE)	ND		ug/L	0.53	5.0	1	EPA 624.1 Certifications:	03/23/2023 09:00	03/23/2023 17:36	SMA
127-18-4	Tetrachloroethylene	ND		ug/L	3.3	5.0	1	EPA 624.1 Certifications:	03/23/2023 09:00 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	03/23/2023 17:36	SMA
108-88-3	Toluene	ND		ug/L	0.81	5.0	1	EPA 624.1 Certifications:	03/23/2023 09:00 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	03/23/2023 17:36	SMA
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	3.5	5.0	1	EPA 624.1 Certifications:	03/23/2023 09:00 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	03/23/2023 17:36	SMA
79-01-6	Trichloroethylene	ND		ug/L	1.2	5.0	1	EPA 624.1 Certifications:	03/23/2023 09:00 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	03/23/2023 17:36	SMA
75-01-4	Vinyl Chloride	ND		ug/L	1.3	5.0	1	EPA 624.1 Certifications:	03/23/2023 09:00 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	03/23/2023 17:36	SMA

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: SURR: 1,2-Dichloroethane-d4*	*101 %*	*78-126*
2037-26-5	*Surrogate: SURR: Toluene-d8*	*89.5 %*	*84-117*
460-00-4	*Surrogate: SURR: p-Bromofluorobenzene*	*98.8 %*	*71-130*

Semi-Volatiles, 8270 Base/Neutrals

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

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	2.53	5.13	1	EPA 8270D Certifications:	03/24/2023 08:20 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	03/26/2023 17:56	KH
99-09-2	3-Nitroaniline	ND		ug/L	1.72	5.13	1	EPA 8270D Certifications:	03/24/2023 08:20 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	03/26/2023 17:56	KH

	Surrogate Recoveries	Result	Acceptance Range
4165-60-0	*Surrogate: SURR: Nitrobenzene-d5*	*73.1 %*	*50.2-113*
321-60-8	*Surrogate: SURR: 2-Fluorobiphenyl*	*64.8 %*	*39.9-105*
1718-51-0	*Surrogate: SURR: Terphenyl-d14*	*75.4 %*	*30.7-106*

Arsenic by EPA 200.7

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

Sample Prepared by Method: EPA 200.7

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-38-2	Arsenic	ND		ug/L	16.7	1	EPA 200.7 Certifications:	03/29/2023 13:30 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	03/30/2023 13:44	CW

Barium by EPA 200.7

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

Sample Information

Client Sample ID: **System Effluent** **York Sample ID:** **23C1250-01**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23C1250	80 Banks Avenue, Rockville Centre, NY 12-190	Water	March 22, 2023 9:10 am	03/22/2023

Sample Prepared by Method: EPA 200.7

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-39-3	**Barium**	**32.4**		ug/L	27.8	1	EPA 200.7	03/29/2023 13:30	03/30/2023 13:44	CW
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		

Beryllium by EPA 200.7

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 200.7

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-41-7	Beryllium	ND		ug/L	0.556	1	EPA 200.7	03/29/2023 13:30	03/30/2023 13:44	CW
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		

Cadmium by EPA 200.7

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 200.7

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-43-9	Cadmium	ND		ug/L	3.33	1	EPA 200.7	03/29/2023 13:30	03/30/2023 13:44	CW
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		

Chromium by EPA 200.7

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 200.7

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-47-3	**Chromium**	**10.4**		ug/L	5.56	1	EPA 200.7	03/29/2023 13:30	03/30/2023 13:44	CW
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		

Cobalt by EPA 200.7

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 200.7

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-48-4	Cobalt	ND		ug/L	4.44	1	EPA 200.7	03/29/2023 13:30	03/30/2023 13:44	CW
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		

Copper by EPA 200.7

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 200.7

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-50-8	**Copper**	**64.0**		ug/L	22.2	1	EPA 200.7	03/29/2023 13:30	03/30/2023 13:44	CW
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		

Iron by EPA 200.7

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 200.7

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-89-6	Iron	ND		ug/L	278	1	EPA 200.7	03/29/2023 13:30	03/30/2023 13:44	CW
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		

Lead by EPA 200.7

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 200.7

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

Sample Information

Client Sample ID: System Effluent **York Sample ID:** 23C1250-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23C1250	80 Banks Avenue, Rockville Centre, NY 12-190	Water	March 22, 2023 9:10 am	03/22/2023

Lead by EPA 200.7

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 200.7

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-92-1	Lead	ND		ug/L	5.56	1	EPA 200.7	03/29/2023 13:30	03/30/2023 13:44	CW
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		

Magnesium by EPA 200.7

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 200.7

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-95-4	**Magnesium**	**220**		ug/L	55.6	1	EPA 200.7	03/29/2023 13:30	03/30/2023 13:44	CW
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		

Manganese by EPA 200.7

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 200.7

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-96-5	Manganese	ND		ug/L	5.56	1	EPA 200.7	03/29/2023 13:30	03/30/2023 13:44	CW
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		

Nickel by EPA 200.7

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 200.7

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-02-0	Nickel	ND		ug/L	11.1	1	EPA 200.7	03/29/2023 13:30	03/30/2023 13:44	CW
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		

Vanadium by EPA 200.7

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 200.7

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-62-2	Vanadium	ND		ug/L	11.1	1	EPA 200.7	03/29/2023 13:30	03/30/2023 13:44	CW
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		

Zinc by EPA 200.7

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 200.7

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-66-6	**Zinc**	**71.1**		ug/L	27.8	1	EPA 200.7	03/29/2023 13:30	03/30/2023 13:44	CW
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		

Mercury by EPA 245.1

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 245.1 Mercury

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	Mercury	ND		ug/L	0.2000	1	EPA 245.1	03/24/2023 10:00	03/24/2023 10:00	AA
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		

Sample Information

Client Sample ID: **System Effluent** **York Sample ID:** **23C1250-01**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23C1250	80 Banks Avenue, Rockville Centre, NY 12-190	Water	March 22, 2023 9:10 am	03/22/2023

pH

Log-in Notes:

Sample Notes:

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	*** pH**	**6.82**	HT-pH	pH units	0.500	1	SM 4500 H+B	03/23/2023 14:59	03/23/2023 19:13	AGNR
							Certifications: CTDOH-PH-0723			

Total Suspended Solids (EPA)

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
	*** Total Suspended Solids**	**29800**		ug/L	2000	1	EPA 160.2	03/27/2023 07:40	03/27/2023 15:05	sgs
							Certifications:			

Analytical Batch Summary

Batch ID: BC31549 **Preparation Method:** EPA 5030B **Prepared By:** FTR

YORK Sample ID	Client Sample ID	Preparation Date
23C1250-01	System Effluent	03/23/23
BC31549-BLK1	Blank	03/23/23
BC31549-BS1	LCS	03/23/23
BC31549-BSD1	LCS Dup	03/23/23

Batch ID: BC31604 **Preparation Method:** Analysis Preparation **Prepared By:** AGNR

YORK Sample ID	Client Sample ID	Preparation Date
23C1250-01	System Effluent	03/23/23
BC31604-DUP1	Duplicate	03/23/23

Batch ID: BC31630 **Preparation Method:** EPA 3510C **Prepared By:** RST

YORK Sample ID	Client Sample ID	Preparation Date
23C1250-01	System Effluent	03/24/23
BC31630-BLK1	Blank	03/24/23
BC31630-BS1	LCS	03/24/23
BC31630-BSD1	LCS Dup	03/24/23

Batch ID: BC31649 **Preparation Method:** EPA 245.1 Mercury **Prepared By:** MR

YORK Sample ID	Client Sample ID	Preparation Date
23C1250-01	System Effluent	03/24/23
BC31649-BLK1	Blank	03/24/23
BC31649-BLK2	Blank	03/24/23
BC31649-BS1	LCS	03/24/23
BC31649-BS2	LCS	03/24/23

Batch ID: BC31718 **Preparation Method:** % Solids Prep **Prepared By:** sgs

YORK Sample ID	Client Sample ID	Preparation Date
23C1250-01	System Effluent	03/27/23
BC31718-BLK1	Blank	03/27/23
BC31718-DUP1	Duplicate	03/27/23
BC31718-DUP2	Duplicate	03/27/23

Batch ID: BC31965 **Preparation Method:** EPA 200.7 **Prepared By:** MCS

YORK Sample ID	Client Sample ID	Preparation Date
23C1250-01	System Effluent	03/29/23
BC31965-BLK1	Blank	03/29/23
BC31965-BS1	LCS	03/29/23

BC31965-DUP1	Duplicate	03/29/23
BC31965-MS1	Matrix Spike	03/29/23
BC31965-MS2	Matrix Spike	03/29/23
BC31965-PS1	Post Spike	03/29/23

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BC31549 - EPA 5030B											
Blank (BC31549-BLK1)								Prepared & Analyzed: 03/23/2023			
Acetone	ND	10	ug/L								
Methyl tert-butyl ether (MTBE)	ND	5.0	"								
Tetrachloroethylene	ND	5.0	"								
Toluene	ND	5.0	"								
trans-1,2-Dichloroethylene	ND	5.0	"								
Trichloroethylene	ND	5.0	"								
Vinyl Chloride	ND	5.0	"								
Surrogate: SURR: 1,2-Dichloroethane-d4	*9.68*		*"*	*10.0*		*96.8*	*78-126*				
Surrogate: SURR: Toluene-d8	*9.04*		*"*	*10.0*		*90.4*	*84-117*				
Surrogate: SURR: p-Bromofluorobenzene	*9.71*		*"*	*10.0*		*97.1*	*71-130*				
LCS (BC31549-BS1)								Prepared & Analyzed: 03/23/2023			
Acetone	9.9		ug/L	20.0		49.4	30-112				
Methyl tert-butyl ether (MTBE)	19		"	20.0		94.9	59-135				
Tetrachloroethylene	11		"	20.0		53.6	77-133	Low Bias			
Toluene	18		"	20.0		87.8	83-122				
trans-1,2-Dichloroethylene	20		"	20.0		97.9	59-145				
Trichloroethylene	17		"	20.0		85.0	80-125				
Vinyl Chloride	20		"	20.0		102	41-136				
Surrogate: SURR: 1,2-Dichloroethane-d4	*9.38*		*"*	*10.0*		*93.8*	*78-126*				
Surrogate: SURR: Toluene-d8	*9.20*		*"*	*10.0*		*92.0*	*84-117*				
Surrogate: SURR: p-Bromofluorobenzene	*9.69*		*"*	*10.0*		*96.9*	*71-130*				
LCS Dup (BC31549-BSD1)								Prepared & Analyzed: 03/23/2023			
Acetone	11		ug/L	20.0		54.4	30-112		9.73	30	
Methyl tert-butyl ether (MTBE)	21		"	20.0		107	59-135		11.8	30	
Tetrachloroethylene	11		"	20.0		54.4	77-133	Low Bias	1.39	30	
Toluene	18		"	20.0		88.7	83-122		1.02	30	
trans-1,2-Dichloroethylene	20		"	20.0		100	59-145		2.62	30	
Trichloroethylene	17		"	20.0		85.0	80-125		0.0588	30	
Vinyl Chloride	20		"	20.0		102	41-136		0.589	30	
Surrogate: SURR: 1,2-Dichloroethane-d4	*9.61*		*"*	*10.0*		*96.1*	*78-126*				
Surrogate: SURR: Toluene-d8	*9.11*		*"*	*10.0*		*91.1*	*84-117*				
Surrogate: SURR: p-Bromofluorobenzene	*9.22*		*"*	*10.0*		*92.2*	*71-130*				

Semivolatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BC31630 - EPA 3510C											
Blank (BC31630-BLK1)									Prepared: 03/24/2023 Analyzed: 03/26/2023		
1,2,4-Trichlorobenzene	ND	5.00	ug/L								
3-Nitroaniline	ND	5.00	"								
Surrogate: SURR: Nitrobenzene-d5	*23.5*		*"*	*25.0*		*94.0*	*50.2-113*				
Surrogate: SURR: 2-Fluorobiphenyl	*20.6*		*"*	*25.0*		*82.4*	*39.9-105*				
Surrogate: SURR: Terphenyl-d14	*24.9*		*"*	*25.0*		*99.5*	*30.7-106*				
LCS (BC31630-BS1)									Prepared: 03/24/2023 Analyzed: 03/26/2023		
1,2,4-Trichlorobenzene	20.3	5.00	ug/L	25.0		81.0	35-91				
3-Nitroaniline	21.0	5.00	"	25.0		83.8	29-128				
Surrogate: SURR: Nitrobenzene-d5	*19.7*		*"*	*25.0*		*78.7*	*50.2-113*				
Surrogate: SURR: 2-Fluorobiphenyl	*17.6*		*"*	*25.0*		*70.5*	*39.9-105*				
Surrogate: SURR: Terphenyl-d14	*20.4*		*"*	*25.0*		*81.5*	*30.7-106*				
LCS Dup (BC31630-BSD1)									Prepared: 03/24/2023 Analyzed: 03/26/2023		
1,2,4-Trichlorobenzene	22.3	5.00	ug/L	25.0		89.2	35-91		9.59	20	
3-Nitroaniline	22.5	5.00	"	25.0		90.1	29-128		7.22	20	
Surrogate: SURR: Nitrobenzene-d5	*21.8*		*"*	*25.0*		*87.0*	*50.2-113*				
Surrogate: SURR: 2-Fluorobiphenyl	*19.2*		*"*	*25.0*		*76.8*	*39.9-105*				
Surrogate: SURR: Terphenyl-d14	*21.8*		*"*	*25.0*		*87.2*	*30.7-106*				

Metals by ICP - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BC31965 - EPA 200.7											
Blank (BC31965-BLK1)											Prepared: 03/29/2023 Analyzed: 03/30/2023
Arsenic	ND	16.7	ug/L								
Barium	ND	27.8	"								
Beryllium	ND	0.556	"								
Cadmium	ND	3.33	"								
Chromium	ND	5.56	"								
Cobalt	ND	4.44	"								
Copper	ND	22.2	"								
Iron	ND	278	"								
Lead	ND	5.56	"								
Magnesium	ND	55.6	"								
Manganese	ND	5.56	"								
Nickel	ND	11.1	"								
Vanadium	ND	11.1	"								
Zinc	ND	27.8	"								
LCS (BC31965-BS1)											Prepared: 03/29/2023 Analyzed: 03/30/2023
Arsenic	1.80		ug/mL	2.00		90.0	85-115				
Barium	2.01		"	2.00		101	85-115				
Beryllium	0.0476		"	0.0500		95.2	85-115				
Cadmium	0.0460		"	0.0500		92.0	85-115				
Chromium	0.192		"	0.200		96.0	85-115				
Cobalt	0.509		"	0.500		102	85-115				
Copper	0.251		"	0.250		100	85-115				
Iron	0.978		"	1.00		97.8	85-115				
Lead	0.476		"	0.500		95.2	85-115				
Magnesium	0.964		"	1.00		96.4	85-115				
Manganese	0.499		"	0.500		99.8	85-115				
Nickel	0.496		"	0.500		99.1	85-115				
Vanadium	0.479		"	0.500		95.8	85-115				
Zinc	0.482		"	0.500		96.3	85-115				

Metals by ICP - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BC31965 - EPA 200.7											
Duplicate (BC31965-DUP1)	*Source sample: 23C1368-02 (Duplicate)								Prepared: 03/29/2023 Analyzed: 03/30/2023		
Arsenic	ND	16.7	ug/L		ND					20	
Barium	ND	27.8	"		ND					20	
Beryllium	ND	0.556	"		ND					20	
Cadmium	ND	3.33	"		ND					20	
Chromium	ND	5.56	"		ND					20	
Cobalt	ND	4.44	"		ND					20	
Copper	45.3	22.2	"		47.2				4.18	20	
Iron	294	278	"		313				6.18	20	
Lead	ND	5.56	"		ND					20	
Magnesium	42300	55.6	"		44100				4.08	20	
Manganese	56.6	5.56	"		58.7				3.65	20	
Nickel	ND	11.1	"		ND					20	
Vanadium	ND	11.1	"		ND					20	
Zinc	ND	27.8	"		ND					20	
Matrix Spike (BC31965-MS1)	*Source sample: 23C1368-02 (Matrix Spike)								Prepared: 03/29/2023 Analyzed: 03/30/2023		
Arsenic	2160	16.7	ug/L	2220	ND	97.1	75-125				
Barium	2160	27.8	"	2220	ND	97.0	75-125				
Beryllium	52.5	0.556	"	55.6	ND	94.6	75-125				
Cadmium	50.5	3.33	"	55.6	ND	90.9	75-125				
Chromium	205	5.56	"	222	ND	92.3	75-125				
Cobalt	554	4.44	"	556	ND	99.7	75-125				
Copper	323	22.2	"	278	47.2	99.3	75-125				
Iron	1340	278	"	1110	313	92.6	75-125				
Lead	499	5.56	"	556	ND	89.9	75-125				
Magnesium	44500	55.6	"	1110	44100	40.3	75-125	Low Bias			
Manganese	593	5.56	"	556	58.7	96.1	75-125				
Nickel	554	11.1	"	556	ND	99.8	75-125				
Vanadium	524	11.1	"	556	ND	94.2	75-125				
Zinc	569	27.8	"	556	ND	102	75-125				

Metals by ICP - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BC31965 - EPA 200.7											
Matrix Spike (BC31965-MS2)	*Source sample: 23C1368-01 (Matrix Spike)							Prepared: 03/29/2023 Analyzed: 03/30/2023			
Arsenic	2000	16.7	ug/L	2220	ND	90.1	75-125				
Barium	2060	27.8	"	2220	ND	92.6	75-125				
Beryllium	50.0	0.556	"	55.6	ND	90.1	75-125				
Cadmium	47.2	3.33	"	55.6	ND	85.0	75-125				
Chromium	195	5.56	"	222	ND	87.9	75-125				
Cobalt	515	4.44	"	556	ND	92.7	75-125				
Copper	265	22.2	"	278	ND	95.5	75-125				
Iron	1250	278	"	1110	ND	113	75-125				
Lead	463	5.56	"	556	ND	83.3	75-125				
Magnesium	49700	55.6	"	1110	50000	NR	75-125	Low Bias			
Manganese	581	5.56	"	556	74.9	91.1	75-125				
Nickel	516	11.1	"	556	ND	93.0	75-125				
Vanadium	499	11.1	"	556	ND	89.8	75-125				
Zinc	579	27.8	"	556	68.5	91.9	75-125				
Post Spike (BC31965-PS1)	*Source sample: 23C1368-02 (Post Spike)							Prepared: 03/29/2023 Analyzed: 03/30/2023			
Arsenic	2.05		ug/mL	2.00	-0.00525	102	75-125				
Barium	1.95		"	2.00	0.00922	96.8	75-125				
Beryllium	0.0476		"	0.0500	-0.000130	95.3	75-125				
Cadmium	0.0480		"	0.0500	0.0000549	95.9	75-125				
Chromium	0.186		"	0.200	0.000204	93.0	75-125				
Cobalt	0.499		"	0.500	-0.000394	99.8	75-125				
Copper	0.291		"	0.250	0.0425	99.5	75-125				
Iron	1.20		"	1.00	0.282	91.9	75-125				
Lead	0.472		"	0.500	-0.00170	94.4	75-125				
Magnesium	39.3		"	1.00	39.7	NR	75-125	Low Bias			
Manganese	0.534		"	0.500	0.0528	96.3	75-125				
Nickel	0.500		"	0.500	-0.00144	100	75-125				
Vanadium	0.476		"	0.500	0.00133	94.9	75-125				
Zinc	0.507		"	0.500	0.00534	100	75-125				

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

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BC31649 - EPA 245.1 Mercury											
Blank (BC31649-BLK1)								Prepared & Analyzed: 03/24/2023			
Mercury	ND	0.2000	ug/L								
Blank (BC31649-BLK2)								Prepared & Analyzed: 03/24/2023			
Mercury	ND	0.2000	ug/L								
LCS (BC31649-BS1)								Prepared & Analyzed: 03/24/2023			
Mercury	2.175	0.2000	ug/L	2.00		109	75-125				
LCS (BC31649-BS2)								Prepared & Analyzed: 03/24/2023			
Mercury	1.928	0.2000	ug/L	2.00		96.4	75-125				

Wet Chemistry Parameters - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BC31604 - Analysis Preparation											
Duplicate (BC31604-DUP1)	*Source sample: 23C1268-01 (Duplicate)								Prepared & Analyzed: 03/23/2023		
pH	8.71	0.500	pH units		8.69				0.230	10	

Miscellaneous Physical Parameters - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BC31718 - % Solids Prep											
Blank (BC31718-BLK1)								Prepared & Analyzed: 03/27/2023			
Total Suspended Solids	ND	1000	ug/L								
Duplicate (BC31718-DUP1)	*Source sample: 23C1226-02 (Duplicate)							Prepared & Analyzed: 03/27/2023			
Total Suspended Solids	42000	10000	ug/L		38000				10.0	15	
Duplicate (BC31718-DUP2)	*Source sample: 23C1245-01 (Duplicate)							Prepared & Analyzed: 03/27/2023			
Total Suspended Solids	17000	5000	ug/L		18500				8.45	15	

Volatile Analysis Sample Containers

Lab ID	Client Sample ID	Volatile Sample Container
23C1250-01	System Effluent	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C

Sample and Data Qualifiers Relating to This Work Order

QL-02	This LCS analyte is outside Laboratory Recovery limits due the analyte behavior using the referenced method. The reference method has certain limitations with respect to analytes of this nature.
HT-pH	HOLDING TIME EXCEEDED. Samples for pH must be measured in the field or within 15 minutes of sample collection.

Definitions and Other Explanations

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

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

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

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

Certification for pH is no longer offered by NYDOH ELAP.

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

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

Field Chain-of-Custody Record

YORK ANALYTICAL LABORATORIES INC

York Analytical Laboratories, Inc. (YORK)'s Standard Terms & Conditions are listed on the back side of this document.
This document serves as your written authorization for YORK to proceed with the analyses requested below.
Your signature binds you to YORK's Standard Terms & Conditions.

YORK Project No. 23C1250

120 Research Drive Stratford, CT 06615 132-02 89th Ave Queens, NY 11418 56 Church Hill Rd. #2 Newtown, CT 06470 clientservices@yorklab.com www.yorklab.com 800-306-YORK Page ____ of ____

YOUR Information	Report To:	Invoice To:
Company: Lawrence Environmental Geosciences	Company:	Company:
Address: 53 west Hills Place Huntington Station, NY 11746	Address: Scott	Address: Kathy
Phone: (631) 673-0612	Phone.:	Phone.:
Contact: Scott Yaglich	Contact:	Contact:
E-mail: labs results @ lawrenv.com	E-mail:	E-mail:

YOUR Project Number: 12-190

YOUR Project Name: 80 Bennett Avenue, Rockville Centre, NY

YOUR PO#:

Turn-Around Time

- RUSH - Next Day
- RUSH - Two Day
- RUSH - Three Day
- RUSH - Four Day
- RUSH - Five Day
- **Standard (6-9 Day)** X

PFAS Standard is 7-10 Days

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.

Nicholas Kiderlis
Samples Collected by: (print AND sign your name)

Matrix Codes

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

Samples From

New York X
New Jersey
Connecticut
Pennsylvania
Other:

Report / EDD Type (circle selections)

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

YORK Reg. Comp.

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

Sample Identification	Sample Matrix	Date/Time Sampled	Analyses Requested	Container Type	No.
System Effluent	GW	3/22/23 910	NYSDEC SVOCs + TSS	(3) VOA, (2) 1L Amber, (2) 250mL	

Comments:

Samples iced/chilled at time of lab pickup? circle Yes or No

Preservation: (check all that apply)

HCl ✓ MeOH ___ HNO3 ✓ H2SO4 ___ NaOH ___
ZnAc ___ Ascorbic Acid ___ Other: ____

Special Instruction

Field Filtered
Lab to Filter X

1. Samples Relinquished by / Company	Date/Time	1. Samples Received by / Company	Date/Time	2. Samples Relinquished by / Company	Date/Time
3PM	3/23/23	KBalayeff	3/22/23 3PM	KBalayeff	3/22/23 1737
2. Samples Received by / Company	Date/Time	3. Samples Relinquished by / Company	Date/Time	3. Samples Received by / Company	Date/Time
4. Samples Relinquished by / Company	Date/Time	4. Samples Received by / Company	Date/Time	Samples Received in LAB by	Date/Time: 3/22/23 1737 Temperature: 1.2 Degrees C

Technical Report

prepared for:

Laurel Environmental Geosciences, D.P.C.
53 W Hills Road, Suite 1
Huntington Station NY, 11746
Attention: Scott Yanuck

Report Date: 05/04/2023
Client Project ID: 80 Banks Avenue 12-190
York Project (SDG) No.: 23D1503

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: 05/04/2023
Client Project ID: 80 Banks Avenue 12-190
York Project (SDG) No.: 23D1503

Laurel Environmental Geosciences, D.P.C.
53 W Hills Road, Suite 1
Huntington Station NY, 11746
Attention: Scott Yanuck

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 April 26, 2023 and listed below. The project was identified as your project: **80 Banks Avenue 12-190**.

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
23D1503-01	System Effluent	Waste Water	04/25/2023	04/26/2023

General Notes for York Project (SDG) No.: 23D1503

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: Cassie L. Mosher **Date:** 05/04/2023

Cassie L. Mosher
Laboratory Manager

Sample Information

Client Sample ID: **System Effluent** **York Sample ID:** **23D1503-01**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23D1503	80 Banks Avenue 12-190	Waste Water	April 25, 2023 9:00 am	04/26/2023

Volatile Organics, 624 List

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	ND		ug/L	6.1	10	1	EPA 624.1 Certifications:	04/27/2023 09:00	04/27/2023 16:34	SMA
1634-04-4	* Methyl tert-butyl ether (MTBE)	ND		ug/L	0.53	5.0	1	EPA 624.1 Certifications:	04/27/2023 09:00	04/27/2023 16:34	SMA
127-18-4	Tetrachloroethylene	ND		ug/L	3.3	5.0	1	EPA 624.1 Certifications:	04/27/2023 09:00 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	04/27/2023 16:34	SMA
108-88-3	Toluene	ND		ug/L	0.81	5.0	1	EPA 624.1 Certifications:	04/27/2023 09:00 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	04/27/2023 16:34	SMA
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	3.5	5.0	1	EPA 624.1 Certifications:	04/27/2023 09:00 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	04/27/2023 16:34	SMA
79-01-6	Trichloroethylene	ND		ug/L	1.2	5.0	1	EPA 624.1 Certifications:	04/27/2023 09:00 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	04/27/2023 16:34	SMA
75-01-4	Vinyl Chloride	ND		ug/L	1.3	5.0	1	EPA 624.1 Certifications:	04/27/2023 09:00 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	04/27/2023 16:34	SMA

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: SURR: 1,2-Dichloroethane-d4*	*91.1 %*	*78-126*
2037-26-5	*Surrogate: SURR: Toluene-d8*	*102 %*	*84-117*
460-00-4	*Surrogate: SURR: p-Bromofluorobenzene*	*102 %*	*71-130*

Semi-Volatiles, 8270 Base/Neutrals

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

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	2.67	5.41	1	EPA 8270D Certifications:	05/02/2023 16:42 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	05/03/2023 18:49	KH
99-09-2	3-Nitroaniline	ND		ug/L	1.82	5.41	1	EPA 8270D Certifications:	05/02/2023 16:42 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	05/03/2023 18:49	KH

	Surrogate Recoveries	Result	Acceptance Range
4165-60-0	*Surrogate: SURR: Nitrobenzene-d5*	*90.1 %*	*50.2-113*
321-60-8	*Surrogate: SURR: 2-Fluorobiphenyl*	*88.0 %*	*39.9-105*
1718-51-0	*Surrogate: SURR: Terphenyl-d14*	*100 %*	*30.7-106*

Arsenic by EPA 200.7

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

Sample Prepared by Method: EPA 200.7

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-38-2	Arsenic	ND		ug/L	16.7	1	EPA 200.7 Certifications:	05/02/2023 08:11 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	05/02/2023 18:01	CW

Barium by EPA 200.7

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

Sample Information

Client Sample ID: **System Effluent** **York Sample ID:** **23D1503-01**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23D1503	80 Banks Avenue 12-190	Waste Water	April 25, 2023 9:00 am	04/26/2023

Sample Prepared by Method: EPA 200.7

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-39-3	**Barium**	**33.3**		ug/L	27.8	1	EPA 200.7	05/02/2023 08:11	05/02/2023 18:01	CW
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		

Beryllium by EPA 200.7

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

Sample Prepared by Method: EPA 200.7

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-41-7	Beryllium	ND		ug/L	0.556	1	EPA 200.7	05/02/2023 08:11	05/02/2023 18:01	CW
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		

Cadmium by EPA 200.7

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

Sample Prepared by Method: EPA 200.7

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-43-9	Cadmium	ND		ug/L	3.33	1	EPA 200.7	05/02/2023 08:11	05/02/2023 18:01	CW
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		

Chromium by EPA 200.7

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

Sample Prepared by Method: EPA 200.7

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-47-3	**Chromium**	**10.2**		ug/L	5.56	1	EPA 200.7	05/02/2023 08:11	05/02/2023 18:01	CW
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		

Cobalt by EPA 200.7

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

Sample Prepared by Method: EPA 200.7

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-48-4	Cobalt	ND		ug/L	4.44	1	EPA 200.7	05/02/2023 08:11	05/02/2023 18:01	CW
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		

Copper by EPA 200.7

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

Sample Prepared by Method: EPA 200.7

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-50-8	Copper	ND		ug/L	22.2	1	EPA 200.7	05/02/2023 08:11	05/02/2023 18:01	CW
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		

Iron by EPA 200.7

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

Sample Prepared by Method: EPA 200.7

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-89-6	Iron	ND		ug/L	278	1	EPA 200.7	05/02/2023 08:11	05/02/2023 18:01	CW
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		

Lead by EPA 200.7

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

Sample Prepared by Method: EPA 200.7

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

Sample Information

Client Sample ID: **System Effluent** **York Sample ID:** **23D1503-01**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23D1503	80 Banks Avenue 12-190	Waste Water	April 25, 2023 9:00 am	04/26/2023

Lead by EPA 200.7

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

Sample Prepared by Method: EPA 200.7

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-92-1	Lead	ND		ug/L	5.56	1	EPA 200.7	05/02/2023 08:11	05/02/2023 18:01	CW
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		

Magnesium by EPA 200.7

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

Sample Prepared by Method: EPA 200.7

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-95-4	**Magnesium**	**416**		ug/L	55.6	1	EPA 200.7	05/02/2023 08:11	05/02/2023 18:01	CW
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		

Manganese by EPA 200.7

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

Sample Prepared by Method: EPA 200.7

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-96-5	Manganese	ND		ug/L	5.56	1	EPA 200.7	05/02/2023 08:11	05/02/2023 18:01	CW
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		

Nickel by EPA 200.7

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

Sample Prepared by Method: EPA 200.7

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-02-0	Nickel	ND		ug/L	11.1	1	EPA 200.7	05/02/2023 08:11	05/02/2023 18:01	CW
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		

Vanadium by EPA 200.7

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

Sample Prepared by Method: EPA 200.7

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-62-2	Vanadium	ND		ug/L	11.1	1	EPA 200.7	05/02/2023 08:11	05/02/2023 18:01	CW
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		

Zinc by EPA 200.7

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

Sample Prepared by Method: EPA 200.7

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-66-6	**Zinc**	**39.5**	M-CCV 1	ug/L	27.8	1	EPA 200.7	05/02/2023 08:11	05/02/2023 18:01	CW
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		

Mercury by EPA 245.1

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

Sample Prepared by Method: EPA 245.1 Mercury

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	Mercury	ND		ug/L	0.2000	1	EPA 245.1	05/02/2023 19:52	05/02/2023 19:52	AA
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		

Sample Information

Client Sample ID: **System Effluent** **York Sample ID:** **23D1503-01**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23D1503	80 Banks Avenue 12-190	Waste Water	April 25, 2023 9:00 am	04/26/2023

pH

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

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	*** pH**	**7.41**	HT-pH	pH units	0.500	1	SM 4500 HB	04/27/2023 14:54	04/27/2023 16:12	S_S
							Certifications: CTDOH-PH-0723			

Total Suspended Solids (EPA)

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
	*** Total Suspended Solids**	**20400**		ug/L	4000	1	EPA 160.2	04/27/2023 07:32	04/27/2023 15:26	sgs
							Certifications:			

Analytical Batch Summary

Batch ID: BD31813 **Preparation Method:** % Solids Prep **Prepared By:** sgs

YORK Sample ID	Client Sample ID	Preparation Date
23D1503-01	System Effluent	04/27/23
BD31813-BLK1	Blank	04/27/23
BD31813-DUP1	Duplicate	04/27/23
BD31813-DUP2	Duplicate	04/27/23

Batch ID: BD31866 **Preparation Method:** EPA 5030B **Prepared By:** SMA

YORK Sample ID	Client Sample ID	Preparation Date
23D1503-01	System Effluent	04/27/23
BD31866-BLK1	Blank	04/27/23
BD31866-BS1	LCS	04/27/23
BD31866-BSD1	LCS Dup	04/27/23

Batch ID: BD31926 **Preparation Method:** Analysis Preparation **Prepared By:** S_S

YORK Sample ID	Client Sample ID	Preparation Date
23D1503-01	System Effluent	04/27/23
BD31926-DUP1	Duplicate	04/27/23

Batch ID: BE30105 **Preparation Method:** EPA 200.7 **Prepared By:** MCS

YORK Sample ID	Client Sample ID	Preparation Date
23D1503-01	System Effluent	05/02/23
BE30105-BLK1	Blank	05/02/23
BE30105-BS1	LCS	05/02/23
BE30105-DUP1	Duplicate	05/02/23
BE30105-DUP2	Duplicate	05/02/23
BE30105-DUP3	Duplicate	05/02/23
BE30105-DUP4	Duplicate	05/02/23
BE30105-MS1	Matrix Spike	05/02/23
BE30105-PS1	Post Spike	05/02/23

Batch ID: BE30110 **Preparation Method:** EPA 3510C **Prepared By:** JM

YORK Sample ID	Client Sample ID	Preparation Date
23D1503-01	System Effluent	05/02/23
BE30110-BLK1	Blank	05/02/23
BE30110-BS1	LCS	05/02/23
BE30110-BSD1	LCS Dup	05/02/23

Batch ID: BE30173 **Preparation Method:** EPA 245.1 Mercury **Prepared By:** AA

YORK Sample ID	Client Sample ID	Preparation Date
23D1503-01	System Effluent	05/02/23
BE30173-BLK1	Blank	05/02/23
BE30173-BLK2	Blank	05/02/23
BE30173-BS1	LCS	05/02/23
BE30173-DUP1	Duplicate	05/02/23
BE30173-MS1	Matrix Spike	05/02/23
BE30173-MSD1	Matrix Spike Dup	05/02/23

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BD31866 - EPA 5030B											
Blank (BD31866-BLK1)								Prepared & Analyzed: 04/27/2023			
Acetone	ND	10	ug/L								
Methyl tert-butyl ether (MTBE)	ND	5.0	"								
Tetrachloroethylene	ND	5.0	"								
Toluene	ND	5.0	"								
trans-1,2-Dichloroethylene	ND	5.0	"								
Trichloroethylene	ND	5.0	"								
Vinyl Chloride	ND	5.0	"								
Surrogate: SURR: 1,2-Dichloroethane-d4	*9.39*		*"*	*10.0*		*93.9*	*78-126*				
Surrogate: SURR: Toluene-d8	*10.2*		*"*	*10.0*		*102*	*84-117*				
Surrogate: SURR: p-Bromofluorobenzene	*10.2*		*"*	*10.0*		*102*	*71-130*				
LCS (BD31866-BS1)								Prepared & Analyzed: 04/27/2023			
Acetone	10		ug/L	20.0		52.0	30-112				
Methyl tert-butyl ether (MTBE)	19		"	20.0		94.4	59-135				
Tetrachloroethylene	11		"	20.0		54.7	77-133	Low Bias			
Toluene	21		"	20.0		106	83-122				
trans-1,2-Dichloroethylene	21		"	20.0		105	59-145				
Trichloroethylene	18		"	20.0		92.2	80-125				
Vinyl Chloride	19		"	20.0		96.6	41-136				
Surrogate: SURR: 1,2-Dichloroethane-d4	*9.66*		*"*	*10.0*		*96.6*	*78-126*				
Surrogate: SURR: Toluene-d8	*10.0*		*"*	*10.0*		*100*	*84-117*				
Surrogate: SURR: p-Bromofluorobenzene	*9.46*		*"*	*10.0*		*94.6*	*71-130*				
LCS Dup (BD31866-BSD1)								Prepared & Analyzed: 04/27/2023			
Acetone	11		ug/L	20.0		54.4	30-112		4.51	30	
Methyl tert-butyl ether (MTBE)	19		"	20.0		96.7	59-135		2.41	30	
Tetrachloroethylene	10		"	20.0		51.6	77-133	Low Bias	5.83	30	
Toluene	20		"	20.0		101	83-122		4.97	30	
trans-1,2-Dichloroethylene	20		"	20.0		99.4	59-145		5.24	30	
Trichloroethylene	17		"	20.0		87.2	80-125		5.57	30	
Vinyl Chloride	17		"	20.0		86.8	41-136		10.6	30	
Surrogate: SURR: 1,2-Dichloroethane-d4	*9.84*		*"*	*10.0*		*98.4*	*78-126*				
Surrogate: SURR: Toluene-d8	*10.0*		*"*	*10.0*		*100*	*84-117*				
Surrogate: SURR: p-Bromofluorobenzene	*9.25*		*"*	*10.0*		*92.5*	*71-130*				

Semivolatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BE30110 - EPA 3510C											
Blank (BE30110-BLK1)											Prepared: 05/02/2023 Analyzed: 05/03/2023
1,2,4-Trichlorobenzene	ND	5.00	ug/L								
3-Nitroaniline	ND	5.00	"								
Surrogate: SURR: Nitrobenzene-d5	*18.9*		*"*	*25.0*		*75.5*	*50.2-113*				
Surrogate: SURR: 2-Fluorobiphenyl	*12.5*		*"*	*25.0*		*49.9*	*39.9-105*				
Surrogate: SURR: Terphenyl-d14	*16.4*		*"*	*25.0*		*65.7*	*30.7-106*				
LCS (BE30110-BS1)											Prepared: 05/02/2023 Analyzed: 05/03/2023
1,2,4-Trichlorobenzene	16.9	5.00	ug/L				35-91				
3-Nitroaniline	18.7	5.00	"				29-128				
Surrogate: SURR: Nitrobenzene-d5	*19.3*		*"*	*25.0*		*77.2*	*50.2-113*				
Surrogate: SURR: 2-Fluorobiphenyl	*18.8*		*"*	*25.0*		*75.3*	*39.9-105*				
Surrogate: SURR: Terphenyl-d14	*21.3*		*"*	*25.0*		*85.1*	*30.7-106*				
LCS Dup (BE30110-BSD1)											Prepared: 05/02/2023 Analyzed: 05/03/2023
1,2,4-Trichlorobenzene	13.2	5.00	ug/L				35-91		24.4	20	Non-dir.
3-Nitroaniline	22.2	5.00	"				29-128		17.1	20	
Surrogate: SURR: Nitrobenzene-d5	*17.4*		*"*	*25.0*		*69.8*	*50.2-113*				
Surrogate: SURR: 2-Fluorobiphenyl	*13.9*		*"*	*25.0*		*55.7*	*39.9-105*				
Surrogate: SURR: Terphenyl-d14	*17.9*		*"*	*25.0*		*71.6*	*30.7-106*				

Metals by ICP - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BE30105 - EPA 200.7											
Blank (BE30105-BLK1)										Prepared & Analyzed: 05/02/2023	
Arsenic	ND	16.7	ug/L								
Barium	ND	27.8	"								
Beryllium	ND	0.556	"								
Cadmium	ND	3.33	"								
Chromium	ND	5.56	"								
Cobalt	ND	4.44	"								
Copper	ND	22.2	"								
Iron	ND	278	"								
Lead	ND	5.56	"								
Magnesium	ND	55.6	"								
Manganese	ND	5.56	"								
Nickel	ND	11.1	"								
Vanadium	ND	11.1	"								
Zinc	ND	27.8	"								
LCS (BE30105-BS1)										Prepared & Analyzed: 05/02/2023	
Arsenic	1.78		ug/mL	2.00		88.8	85-115				
Barium	2.02		"	2.00		101	85-115				
Beryllium	0.0500		"	0.0500		99.9	85-115				
Cadmium	0.0471		"	0.0500		94.2	85-115				
Chromium	0.191		"	0.200		95.7	85-115				
Cobalt	0.497		"	0.500		99.5	85-115				
Copper	0.252		"	0.250		101	85-115				
Iron	0.971		"	1.00		97.1	85-115				
Lead	0.466		"	0.500		93.3	85-115				
Magnesium	0.977		"	1.00		97.7	85-115				
Manganese	0.506		"	0.500		101	85-115				
Nickel	0.484		"	0.500		96.7	85-115				
Vanadium	0.487		"	0.500		97.4	85-115				
Zinc	0.474		"	0.500		94.8	85-115				

Metals by ICP - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BE30105 - EPA 200.7											
Duplicate (BE30105-DUP1)	*Source sample: 23D1744-06 (Duplicate)								Prepared & Analyzed: 05/02/2023		
Arsenic	ND	16.7	ug/L		ND					20	
Barium	80.8	27.8	"		83.9				3.77	20	
Beryllium	ND	0.556	"		ND					20	
Cadmium	ND	3.33	"		ND					20	
Chromium	ND	5.56	"		ND					20	
Cobalt	ND	4.44	"		ND					20	
Copper	74.3	22.2	"		77.1				3.78	20	
Iron	ND	278	"		ND					20	
Lead	ND	5.56	"		ND					20	
Magnesium	8130	55.6	"		8390				3.05	20	
Manganese	7.29	5.56	"		7.57				3.77	20	
Nickel	ND	11.1	"		ND					20	
Vanadium	ND	11.1	"		ND					20	
Zinc	52.9	27.8	"		58.8				10.6	20	
Duplicate (BE30105-DUP2)	*Source sample: 23D1532-01 (Duplicate)								Prepared & Analyzed: 05/02/2023		
Arsenic	ND	16.7	ug/L		ND					20	
Barium	ND	27.8	"		ND					20	
Beryllium	ND	0.556	"		ND					20	
Cadmium	ND	3.33	"		ND					20	
Chromium	ND	5.56	"		ND					20	
Cobalt	ND	4.44	"		ND					20	
Copper	ND	22.2	"		ND					20	
Iron	ND	278	"		ND					20	
Lead	ND	5.56	"		ND					20	
Magnesium	948	55.6	"		900				5.14	20	
Manganese	ND	5.56	"		ND					20	
Nickel	ND	11.1	"		ND					20	
Vanadium	ND	11.1	"		ND					20	
Zinc	ND	27.8	"		ND					20	

Metals by ICP - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BE30105 - EPA 200.7											
Duplicate (BE30105-DUP3)	*Source sample: 23D1532-02 (Duplicate)								Prepared & Analyzed: 05/02/2023		
Arsenic	ND	16.7	ug/L		ND					20	
Barium	ND	27.8	"		ND					20	
Beryllium	ND	0.556	"		ND					20	
Cadmium	ND	3.33	"		ND					20	
Chromium	ND	5.56	"		ND					20	
Cobalt	ND	4.44	"		ND					20	
Copper	ND	22.2	"		ND					20	
Iron	ND	278	"		ND					20	
Lead	ND	5.56	"		ND					20	
Magnesium	953	55.6	"		954				0.0865	20	
Manganese	ND	5.56	"		ND					20	
Nickel	ND	11.1	"		ND					20	
Vanadium	ND	11.1	"		ND					20	
Zinc	ND	27.8	"		ND					20	
Duplicate (BE30105-DUP4)	*Source sample: 23D1532-03 (Duplicate)								Prepared & Analyzed: 05/02/2023		
Arsenic	ND	16.7	ug/L		ND					20	
Barium	ND	27.8	"		ND					20	
Beryllium	ND	0.556	"		0.557					20	
Cadmium	ND	3.33	"		ND					20	
Chromium	ND	5.56	"		ND					20	
Cobalt	ND	4.44	"		ND					20	
Copper	ND	22.2	"		ND					20	
Iron	ND	278	"		ND					20	
Lead	ND	5.56	"		ND					20	
Magnesium	ND	55.6	"		ND					20	
Manganese	ND	5.56	"		ND					20	
Nickel	ND	11.1	"		ND					20	
Vanadium	ND	11.1	"		ND					20	
Zinc	ND	27.8	"		ND					20	

Metals by ICP - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BE30105 - EPA 200.7											
Matrix Spike (BE30105-MS1)	*Source sample: 23D1744-06 (Matrix Spike)							Prepared & Analyzed: 05/02/2023			
Arsenic	2140	16.7	ug/L	2220	ND	96.2	75-125				
Barium	2390	27.8	"	2220	83.9	104	75-125				
Beryllium	59.8	0.556	"	55.6	ND	108	75-125				
Cadmium	54.4	3.33	"	55.6	ND	97.8	75-125				
Chromium	221	5.56	"	222	ND	99.6	75-125				
Cobalt	599	4.44	"	556	ND	108	75-125				
Copper	383	22.2	"	278	77.1	110	75-125				
Iron	1240	278	"	1110	ND	111	75-125				
Lead	532	5.56	"	556	ND	95.7	75-125				
Magnesium	9030	55.6	"	1110	8390	58.3	75-125	Low Bias			
Manganese	593	5.56	"	556	7.57	105	75-125				
Nickel	600	11.1	"	556	ND	108	75-125				
Vanadium	580	11.1	"	556	ND	104	75-125				
Zinc	650	27.8	"	556	58.8	106	75-125				
Post Spike (BE30105-PS1)	*Source sample: 23D1744-06 (Post Spike)							Prepared & Analyzed: 05/02/2023			
Arsenic	2.17		ug/mL	2.00	0.00119	108	75-125				
Barium	2.44		"	2.00	0.0755	118	75-125				
Beryllium	0.0612		"	0.0500	-0.000133	122	75-125				
Cadmium	0.0551		"	0.0500	0.000464	109	75-125				
Chromium	0.229		"	0.200	0.00143	114	75-125				
Cobalt	0.595		"	0.500	-0.000242	119	75-125				
Copper	0.394		"	0.250	0.0694	130	75-125	High Bias			
Iron	1.26		"	1.00	0.114	114	75-125				
Lead	0.542		"	0.500	0.000497	108	75-125				
Magnesium	8.60		"	1.00	7.55	105	75-125				
Manganese	0.607		"	0.500	0.00682	120	75-125				
Nickel	0.597		"	0.500	-0.00464	119	75-125				
Vanadium	0.599		"	0.500	0.00201	119	75-125				
Zinc	0.644		"	0.500	0.0529	118	75-125				

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

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BE30173 - EPA 245.1 Mercury											
Blank (BE30173-BLK1)								Prepared & Analyzed: 05/02/2023			
Mercury	ND	0.2000	ug/L								
Blank (BE30173-BLK2)								Prepared & Analyzed: 05/02/2023			
Mercury	ND	0.2000	ug/L								
LCS (BE30173-BS1)								Prepared & Analyzed: 05/02/2023			
Mercury	2.141	0.2000	ug/L	2.00		107	75-125				
Duplicate (BE30173-DUP1)	*Source sample: 23D1744-06 (Duplicate)							Prepared & Analyzed: 05/02/2023			
Mercury	ND	0.2000	ug/L		ND					20	
Matrix Spike (BE30173-MS1)	*Source sample: 23D1744-06 (Matrix Spike)							Prepared & Analyzed: 05/02/2023			
Mercury	2.170	0.2000	ug/L	2.00	ND	109	75-125				
Matrix Spike Dup (BE30173-MSD1)	*Source sample: 23D1744-06 (Matrix Spike Dup)							Prepared & Analyzed: 05/02/2023			
Mercury	2.132	0.2000	ug/L	2.00	ND	107	75-125		1.78	20	

Wet Chemistry Parameters - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BD31926 - Analysis Preparation											
Duplicate (BD31926-DUP1)	*Source sample: 23D1562-01 (Duplicate)								Prepared & Analyzed: 04/27/2023		
pH	7.98	0.500	pH units		7.95				0.377	10	

Miscellaneous Physical Parameters - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BD31813 - % Solids Prep											
Blank (BD31813-BLK1)								Prepared & Analyzed: 04/27/2023			
Total Suspended Solids	ND	1000	ug/L								
Duplicate (BD31813-DUP1)	*Source sample: 23D1480-01 (Duplicate)							Prepared & Analyzed: 04/27/2023			
Total Suspended Solids	166000	20000	ug/L		180000				8.09	15	
Duplicate (BD31813-DUP2)	*Source sample: 23D1487-02 (Duplicate)							Prepared & Analyzed: 04/27/2023			
Total Suspended Solids	145000	10000	ug/L		130000				10.9	15	

Volatile Analysis Sample Containers

Lab ID	Client Sample ID	Volatile Sample Container
23D1503-01	System Effluent	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C

Sample and Data Qualifiers Relating to This Work Order

QL-02	This LCS analyte is outside Laboratory Recovery limits due the analyte behavior using the referenced method. The reference method has certain limitations with respect to analytes of this nature.
M-CCV1	The recovery for this element in the Continuing Calibration Verification (CCV) exceeded 110% of the expected value. Positive detections may be biased high.
HT-pH	HOLDING TIME EXCEEDED. Samples for pH must be measured in the field or within 15 minutes of sample collection.

Definitions and Other Explanations

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

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

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

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

Certification for pH is no longer offered by NYDOH ELAP.

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

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

Field Chain-of-Custody Record

YORK ANALYTICAL LABORATORIES INC

York Analytical Laboratories, Inc. (YORK)'s Standard Terms & Conditions are listed on the back side of this document.
This document serves as your written authorization for YORK to proceed with the analyses requested below.
Your signature binds you to YORK's Standard Terms & Conditions.

YORK Project No. 23D1503

120 Research Drive Stratford, CT 06615 132-02 89th Ave Queens, NY 11418 56 Church Hill Rd. #2 Newtown, CT 06470 clientservices@yorklab.com www.yorklab.com 800-306-YORK

YOUR Information	Report To:	Invoice To:
Company: Louis Environmental	Company:	Company:
Address: 53 West Hills Road Huntington Station, NY 11746	Address: Scott	Address: Kathy
Phone: (631) 673-0612	Phone:	Phone:
Contact: Scott Yaucke	Contact:	Contact:
E-mail: labs results @ louisenv.com	E-mail:	E-mail:

YOUR Project Number: 12-140

YOUR Project Name: 80 Banks Avenue

YOUR PO#:

Turn-Around Time

- RUSH - Next Day
- RUSH - Two Day
- RUSH - Three Day
- RUSH - Four Day
- RUSH - Five Day
- **Standard (6-9 Day)** X

PFAS Standard is 7-10 Days

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.

Nicholas Kider

Samples Collected by: (print AND sign your name)

Matrix Codes

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

Samples From

- New York X
- New Jersey
- Connecticut
- Pennsylvania
- Other:

Report / EDD Type (circle selections)

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

YORK Reg. Comp.

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

Sample Identification	Sample Matrix	Date/Time Sampled	Analyses Requested	Container Type	No.
System Effluent	WW	4/25/23 9:00	NYSDEC SPDES + TSS	3 plastic, (2) 500ml (2) 1L	

Comments:

Samples iced/chilled at time of lab pickup? circle Yes or No

Preservation: (check all that apply)

HCl ___ MeOH ___ HNO3 ___ H2SO4 ___ NaOH ___
ZnAc ___ Ascorbic Acid ___ Other: ___

Special Instruction

- Field Filtered
- Lab to Filter

1. Samples Relinquished by / Company	Date/Time	1. Samples Received by / Company	Date/Time	2. Samples Relinquished by / Company	Date/Time
	4/26/23 1045 AM	K Barkyork	4/26/23 1045AM	K Barkyork	4/26/23 1735
2. Samples Received by / Company	Date/Time	3. Samples Relinquished by / Company	Date/Time	3. Samples Received by / Company	Date/Time
4. Samples Relinquished by / Company	Date/Time	4. Samples Received by / Company	Date/Time	Samples Received in LAB by	Date/Time / Temperature
				AR	4/26/23 1735 4.8 Degrees C