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
625 BROADWAY
ALBANY, NEW YORK 12233-7015

PREPARED BY:

LAUREL ENVIRONMENTAL GEOSCIENCES, D.P.C.
53 WEST HILLS ROAD, SUITE 1
HUNTINGTON STATION, NEW YORK 11746

FEBRUARY 6, 2024
***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: August 1, 2023, through October 31, 2023

Field Work Dates: August 1, 2023, through October 31, 2023

Report Date: February 6, 2024

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

2/6/2024
Date

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REPORT SPECIFICATIONS

This report contains (32) pages of text.

REPORT DISTRIBUTION LIST

Robert Bellotti
NYSDEC
Division of Environmental Remediation
625 Broadway, 11th Floor
Albany, New York 12233

Steven Berninger
NYSDOH, BEI
Corning Tower, Room 1787
Empire State Plaza
Albany, New York 12233

Rockville Centre Public Library
221 North Village Avenue
Rockville Centre, New York 11570

Richard Regitano
AvalonBay Communities, Inc.
58 South Service Road
Suite 303
Melville, NY 11747

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.
5. Collected continuous groundwater elevation data from six (6) shallow groundwater monitoring point to evaluate groundwater flow beneath the subject property utilizing on-Site groundwater data logger.

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 operational 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, ***Laurel*** obtained approval from the NYSDEC on July 23, 2019, and completed the installation of a pH adjustment system, which also reduces scaling in the air stripper. The pH adjustment system is comprised of a 60-gallon sulfuric acid storage tank and metering pumps that inject 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 96% 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. To determine impact of the new flood wall 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, ***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 current logger and groundwater elevation telemetry was installed in May 2023 and the data is continuously being monitoring and evaluated. The data evaluation is discussed below.

3.6 GROUNDWATER TELEMETRY

In May 2023, ***Laurel*** deployed a set of data loggers in the existing shallow piezometer wells (PZ-1 through PZ-6 and PZ-SUMP) at the Site. The data loggers measure groundwater elevation in each of the wells. The loggers collect data every hour, except for the PZ-SUMP logger which collects data every 15 minutes. Utilizing the data generated from the loggers, ***Laurel*** generated groundwater contour maps to identify when hydraulic control is lost. ***Laurel*** interprets these groundwater contour maps to determine what actions may be required to maintain hydraulic control at the Site and ensure that the remediation system functions as designed. The groundwater contour maps are included in ***Laurel's*** Groundwater Telemetry Study letters issued on August 1 and August 24, 2023, included as Appendix A.

Laurel's findings from the Groundwater Telemetry Study determined that the bag filter conditions associated with the on-Site system appears to influence hydraulic control at the Site. When the bag filter becomes clogged, hydraulic control of groundwater at the Site appears to diminish. Two days following the bag filter change, a localized depression formed at the sump, which resulted in groundwater flowing towards the sump and confirmed hydraulic control of the Site. Over time as the bag filter becomes clogged, the system appears to lose efficiency and hydraulic control begins to lessen. In addition, ***Laurel*** observed when the sump is offline or otherwise not operating for one day or longer, hydraulic control at the Site is also lost.

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 August 1, 2023, through October 31, 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 long-term effect of this flood wall on the local groundwater flow is not fully known and will require ongoing 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 third 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 9.0 and 9.5 hours per day, respectively. Based on the total gallons recorded over the reporting period, the overall average pumping rate between August 1, 2023, through October 31, 2023, was 10.5 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

During the second quarter monitoring period on May 18, 2023, ***Laurel*** installed an amperage meter on the pumps to more accurately understand pump run times. A review of the data from the amperage meter indicates the sump pumps cycle on and off throughout the course of each day and are not continuously running. There are several factors that contribute to the on-off cycling of the sump pumps including heavy rain, drought, and rate of pumping. Pump flow rates can fluctuate between about 3 GPM to 25 GPM due to scaling inside the bag filters. When the pumps cycle on and off, hydraulic control is not maintained at the Site and the pH adjustment system does not operate efficiently, causing large fluctuation in the measure pH. of the effluent groundwater.

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Table I, Site Activities Log

Date	Location	Description
08/05/23	***Laurel on site***	Changed bag filter Pumps were not running at time of site visit
08/08/23	***Laurel on site***	Re-Start System and tested sump pumps SSWMS Totalizer Reading was 48,413,732 gallons
08/23/23	***Laurel on site***	Changed bag filter Performed SPDES sampling Collected data logger readings
09/07/23	***Laurel on site***	Acid transfer of 55 gallons Changed bag filter SSWMS Totalizer Reading was 49,031,589
09/19/23	***Laurel on site***	Received acid delivery SSWMS Totalizer Reading was 49,209,487
09/22/23	***Laurel on site***	Performed stripper tower cleaning Performed pH sensor replacement Changed bag filter
09/26/2023	***Laurel on site***	Performed SPDES sampling Collect data logger readings SSWMS Totalizer Reading was 49,323,438
10/11/23	***Laurel on site***	Change bag filter Replace battery in data loggers PZ-1 and PZ-2
10/24/23	***Laurel on site***	Performed quarterly groundwater sampling Performed SPDES sampling SSWMS Totalizer Reading was 49,425,100

Table II; System Operation Log

Date	**Average monthly GPM**
08/25/23	12.9*
09/26/23	14.3*
10/24/23	4.5*

Notes: *Average monthly GPM calculated using totalizer readings recorded during site visits and pump run time 2023

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. At the time of sampling, the sump pumps at the Site were not running due to an electrical malfunction. According to our amperage meter, the pumps were not operation for about 5 days leading up the sampling event 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)	5.57	4.83	5.93	5.98	6.68
Depth to Bottom (ft)	12.90	12.39	12.99	12.96	13.41
Groundwater Elevation (ft)	4.97	5.18	5.13	5.58	5.39

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)	7.13	7.64	7.69	7.14
Depth to Bottom (ft)	100	70	50	15
Groundwater Elevation (ft)	5.99	5.49	5.42	6.26

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)	7.88	8.95	8.92	8.46
Depth to Bottom (ft)	100	70	50	15
Groundwater Elevation (ft)	6.20	5.11	4.96*	5.51

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)	4.94	6.15	5.97	5.77
Depth to Bottom (ft)	100	70	50	15
Groundwater Elevation (ft)	6.23	4.67	5.20	5.26

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)	4.26	5.20	5.06	8.23
Depth to Bottom (ft)	100	70	50	15
Groundwater Elevation (ft)	6.32	5.40	5.57	4.99

* groundwater elevation is estimated due to damage to the casing well casing

Groundwater potentiometric maps were generated for each of the well depth ranges, as presented in Figures 3.0 through 6.0, attached and are discussed below.

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 west, 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 decrease from west to east, 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 east to west, 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 October 2023 sampling event was towards the east with a localized depression around the PZ-Sump in the 15-foot wells.

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 October 24, 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 10/24/23					
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-Dichloroethylene	ND	ND	ND	0.48	5
1,2,4-Trichlorobenzene	ND	ND	ND	ND	5
1,2,4-Trimethylbenzene	ND	0.46	ND	ND	5
Acetone	ND	ND	ND	ND	50
Chloroform	ND	ND	0.97	ND	7
cis-1,2-Dichloroethylene	ND	ND	ND	**85.1**	5
Methylene chloride	ND	ND	ND	ND	5
Naphthalene	ND	0.64	0.24	ND	10
Sec-Butylbenzene	ND	ND	ND	ND	5
Tetrachloroethylene	ND	ND	ND	**81.6**	5
trans-1,2-Dichloroethylene	ND	ND	ND	0.68	5
Trichloroethylene	ND	ND	ND	**16.6**	5
Vinyl Chloride	ND	ND	ND	**3.83**	2
Total CVOCs	ND	ND	0.97	188.29	N/A

All concentrations are in All results in microgram per liter (µg/L)

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 10/24/23					
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	1.58	5
1,1-Dichloroethylene	ND	ND	ND	**15.80**	5
1,2,4-Trichlorobenzene	ND	ND	ND	0.69	5
1,2,4-Trimethylbenzene	ND	ND	ND	ND	5
Acetone	ND	ND	ND	ND	50
Chloroform	ND	ND	0.83	**28.8**	7
cis-1,2-Dichloroethylene	ND	ND	4.15	**5,910**	5
Methylene chloride	ND	ND	ND	0.68	5
Naphthalene	ND	ND	ND	ND	10
Sec-Butylbenzene	ND	ND	ND	ND	5
Tetrachloroethylene	0.28	ND	2.58	**3,530**	5
trans-1,2-Dichloroethylene	ND	ND	ND	**49.4**	5
Trichloroethylene	ND	ND	3.2	**3,720**	5
Vinyl Chloride	ND	ND	ND	**286**	2
Total CVOCs	0.28	ND	10.76	13,542.95	N/A

All concentrations are in µg/L

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 VI					
Tabulated Groundwater Analytical Results Sampled 10/24/23					
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-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	ND	50
Chloroform	ND	ND	ND	ND	1
cis-1,2-Dichloroethylene	2.08	1.52	ND	**16.4**	5
Methylene chloride	ND	ND	ND	ND	7
Naphthalene	ND	ND	ND	ND	5
Sec-Butylbenzene	ND	ND	1.02	ND	5
Tetrachloroethylene	2.75	4.66	0.28	**69.8**	5
trans-1,2-Dichloroethylene	ND	ND	ND	0.33	5
Trichloroethylene	1.5	0.82	ND	**11.0**	5
Vinyl Chloride	ND	ND	ND	ND	5
Total CVOCs	6.33	7.0	0.28	97.53	N/A

All concentrations are in µg/L

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 VII					
Tabulated Groundwater Analytical Results Sampled 10/24/23					
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-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	24.1	50
Chloroform	ND	ND	ND	ND	1
cis-1,2-Dichloroethylene	ND	ND	0.31	**11.2**	5
Methylene chloride	ND	ND	ND	ND	7
Naphthalene	ND	ND	ND	ND	5
Sec-Butylbenzene	ND	ND	ND	ND	5
Tetrachloroethylene	ND	ND	ND	**6.64**	5
trans-1,2-Dichloroethylene	ND	ND	ND	ND	5
Trichloroethylene	ND	ND	ND	1.25	5
Vinyl Chloride	ND	ND	ND	ND	5
Total CVOCs	ND	ND	0.31	19.09	N/A

All concentrations are in µg/L

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.

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-R, 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, 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 2010-01D, 2010-03D, 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 October 2023 sampling event shows results that are relatively consistent with previous monitoring event, except for 2010-02D which has increased since April 2023. 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
July 25, 2023	ND	ND	0.51	201.97
October 24, 2023	ND	ND	0.97	188.29

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
July 25, 2023	0.65	0.78	31.03	9,671.57
October 24, 2023	0.28	ND	10.76	13,542.95

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
July 25, 2023	2.35	12.16	1.78	2,413.38
October 24, 2023	6.33	7.0	0.28	97.53

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
July 25, 2023	ND	0.36	0.34	22.99
October 24, 2023	ND	ND	0.31	19.09

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 October 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 October 24, 2023, events.

Table IX Treatment System Influent and Effluent Sample Results October 2023 Sampling Events			
Parameter	**System Influent**	**System Effluent Liquid**	**Water Quality Standard**
Cis-1,2-Dichloroethylene	**19**	NA	5
Acetone	ND	ND	50
Chloroform	ND	NA	7
Tetrachloroethylene	**78.6**	ND	5
Trans-1,2-Dichloroethylene	0.35	ND	5
Trichloroethylene	**12.9**	ND	5
Vinyl chloride	0.79	ND	2
Total CVOCs	111.64	0.0	NA
pH	NA	11.0	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 October 24, 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 October 24, 2023	
Analytes	**System Effluent**
1,1-Dichloroethylene	ND
Chloroethane	ND
Chloroform	ND
Chloromethane	ND
cis-1,2-Dichloroethylene	16
Dichlorodifluoromethane	ND
Methylene chloride	ND
Isopropanol	1.6
Tetrachloroethylene	160
Toluene	ND
trans-1,2-Dichloroethylene	ND
Trichloroethylene	11
Vinyl Chloride	ND

All results are in micrograms per cubic meter ($\mu g/m^3$)

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 August 23, September 26, and October 24, 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 October did not indicate exceedances of the SPDES permit limits. Laboratory analytical results for the system effluent samples collected in August and September indicated the following exceedances:

- Copper was detected at a concentration of 79.5 µg/L and 322 µg/L in August and September, respectively, which exceeded the discharge permit limit of 17 µg/L.
- Zinc was detected at a concentration of 1,140 µg/L and 1,010 µg/L in August and September, respectively, which exceeded the discharge permit limit of 330 µg/L

Copper and zinc returned to non-detect after the stripper tower was cleaned in September. Laboratory analytical results for the remaining target compounds were within the NYSDEC SPDES Permit equivalent requirements.

The pH of the system in August, September, and October 2023 was 5.11, 4.0 and 11.0, respectively below the lower limit of 6.5 and above the upper limit of 8.5. ***Laurel*** replaced the pH sensor and adjusted the acid to correct the pH of the system effluent, which will be reflected in the November 2023 SPDES data.

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 D.

Table XI, August 2023 SPDES Results

Permit Equivalent - Site # C130140

Effluent Limitations and Monitoring Requirements Sampled August 23, 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	0.018	0.648	MGD	Continuous	Meter	
pH (range)	5.11	6.5-8.5	SU	Monthly	Grab	
Solids, Total Suspended	7.0	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	72.9	Monitor	µg/l	1/month	24-hr. Comp.	0.000759
Total Beryllium	0.695	Monitor	µg/l	1/month	24-hr. Comp.	0.000007
Total Cadmium	ND	39	µg/l	1/month	24-hr. Comp.	ND
Total Chromium	73.8	Monitor	µg/l	1/month	24-hr. Comp.	0.000768
Total Cobalt	ND	Monitor	µg/l	1/month	24-hr. Comp.	ND
Total Copper	**79.5**	17	µg/l	1/month	24-hr. Comp.	0.000827
Total Iron	8,580	Monitor	µg/l	1/month	24-hr. Comp.	0.089302
Total Lead	ND	40	µg/l	1/month	24-hr. Comp.	ND
Total Magnesium	171	Monitor	µg/l	1/month	24-hr. Comp.	0.001780
Total Manganese	26.6	Monitor	µg/l	1/month	24-hr. Comp.	0.000277
Total Mercury	ND	50	µg/l	1/month	Grab	ND
Total Nickel	ND	41	µg/l	1/month	24-hr. Comp.	ND
Total Vanadium	20.1	Monitor	µg/l	1/month	24-hr. Comp.	0.000209
Total Zinc	**1,140**	330	µg/l	1/month	24-hr. Comp.	0.011865
Trichloroethene	ND	10	µg/l	1/month	24-hr. Comp.	ND
Vinyl Chloride	ND	10	µg/l	1/month	24-hr. Comp.	ND

Table XII, September 2023 SPDES Results

Permit Equivalent - Site # C130140

Effluent Limitations and Monitoring Requirements Sampled September 26, 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	0.016	0.648	MGD	Continuous	Meter	
pH (range)	4.0	6.5-8.5	SU	Monthly	Grab	
Solids, Total Suspended	5.0	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	59.2	Monitor	µg/l	1/month	24-hr. Comp.	0.000566
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	16.5	Monitor	µg/l	1/month	24-hr. Comp.	0.000158
Total Cobalt	ND	Monitor	µg/l	1/month	24-hr. Comp.	ND
Total Copper	**322**	17	µg/l	1/month	24-hr. Comp.	0.003077
Total Iron	3,790	Monitor	µg/l	1/month	24-hr. Comp.	0.036214
Total Lead	30.9	40	µg/l	1/month	24-hr. Comp.	0.000295
Total Magnesium	292	Monitor	µg/l	1/month	24-hr. Comp.	0.002790
Total Manganese	25	Monitor	µg/l	1/month	24-hr. Comp.	0.000239
Total Mercury	ND	50	µg/l	1/month	Grab	ND
Total Nickel	ND	41	µg/l	1/month	24-hr. Comp.	ND
Total Vanadium	12.2	Monitor	µg/l	1/month	24-hr. Comp.	0.000117
Total Zinc	**1,010**	330	µg/l	1/month	24-hr. Comp.	0.009651
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, October 2023 SPDES Results

Permit Equivalent - Site # C130140

Effluent Limitations and Monitoring Requirements Sampled October 24, 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	0.03	0.648	MGD	Continuous	Meter	
pH (range)	11.0	6.5 -- 8.5	SU	Monthly	Grab	
Solids, Total Suspended	ND	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	44.1	Monitor	µg/l	1/month	24-hr. Comp.	0.000093
Total Beryllium	0.67	Monitor	µg/l	1/month	24-hr. Comp.	0.000001
Total Cadmium	ND	39	µg/l	1/month	24-hr. Comp.	ND
Total Chromium	16.6	Monitor	µg/l	1/month	24-hr. Comp.	0.000035
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	4,020	Monitor	µg/l	1/month	24-hr. Comp.	0.008501
Total Lead	7.25	40	µg/l	1/month	24-hr. Comp.	0.000015
Total Magnesium	271	Monitor	µg/l	1/month	24-hr. Comp.	0.002573
Total Manganese	17.1	Monitor	µg/l	1/month	24-hr. Comp.	0.000036
Total Mercury	ND	50	µg/l	1/month	Grab	ND
Total Nickel	29.3	41	µg/l	1/month	24-hr. Comp.	0.000062
Total Vanadium	ND	Monitor	µg/l	1/month	24-hr. Comp.	ND
Total Zinc	320	330	µg/l	1/month	24-hr. Comp.	0.000677
Trichloroethene	ND	10	µg/l	1/month	24-hr. Comp.	ND
Vinyl Chloride	ND	10	µg/l	1/month	24-hr. Comp.	ND

7.0 CONCLUSIONS

The quarterly monitoring report covers the period between August 1, 2023 through October 31, 2023. This report covers the operational status of the groundwater treatment and extraction system, the groundwater monitoring event on October 24, 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 October 24, 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 total CVOC concentrations in the monitoring wells screened from 10 to 15 feet bgs has increased since April 2023.
- 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 west, with groundwater flow towards the northwest.
- Groundwater elevations in the 70-foot groundwater monitoring wells generally decrease in the four (4) wells from west to east, with groundwater flow towards the northeast.
- Groundwater elevations in the 50-foot groundwater monitoring wells generally decrease in the four (4) wells from east to west, 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 October 2023 sampling event was towards the east with a localized depression around the PZ-Sump in the 15-foot wells.
- The bag filter becomes clogged about every 14 days and results in loss of hydraulic control.
- Hydraulic control is lost if the sump pumps turn off for longer than one day.

8.0 RECOMMENDATIONS

Laurel recommends the following:

- Action should be taken to ensure the sump pumps run continuously to maintain hydraulic control at the Site.
- Continue on-going maintenance of the GWET system; change bag filter bi-weekly, and replace and/or repair any system components as needed to assure ongoing operation.
- Continue to evaluate data from data loggers to identify solution to maintaining hydraulic control at the Site.
- 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.

FIGURES

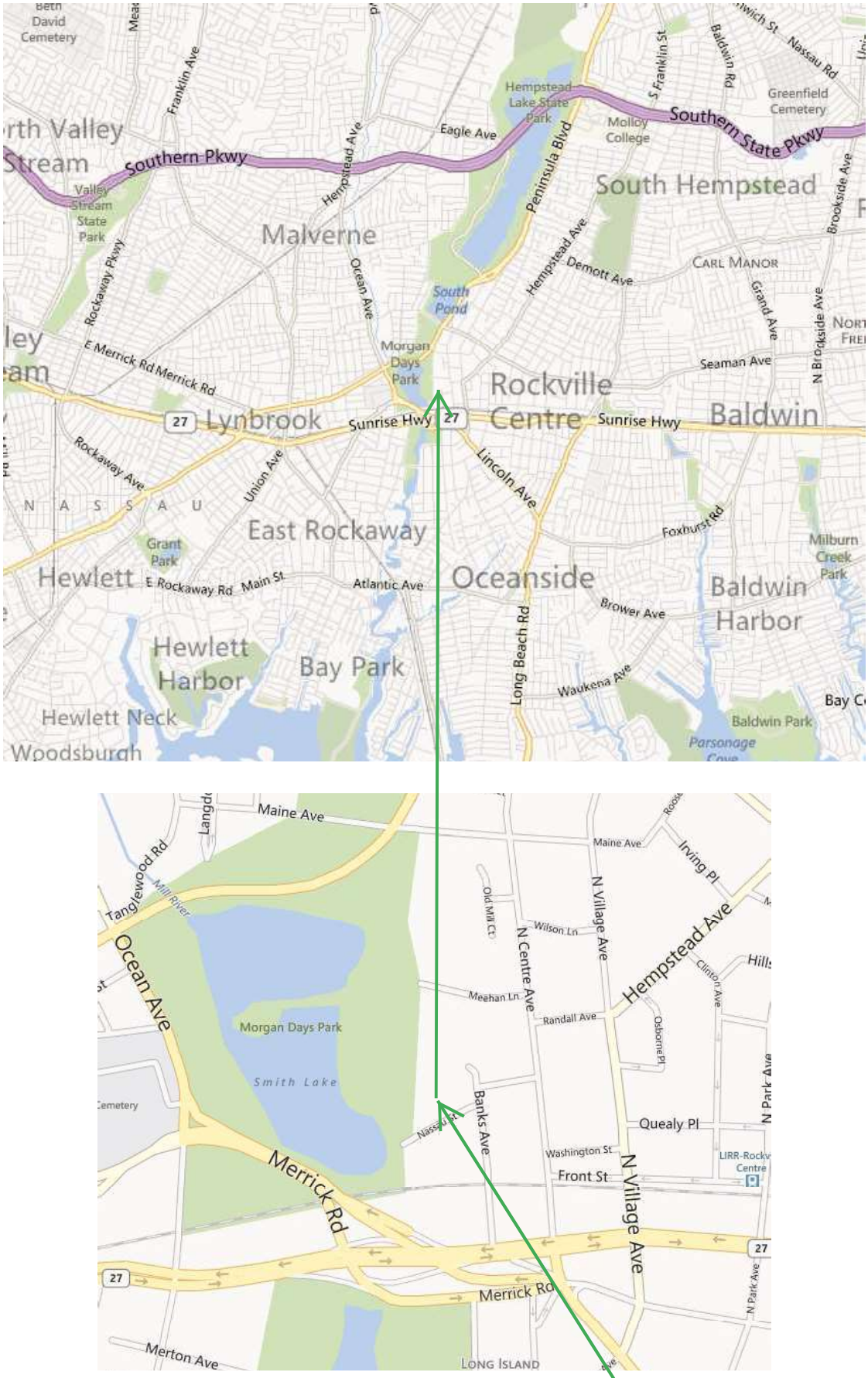


Figure 1.0 Site Location
80 Banks Avenue
Rockville Center, New York



Laurel ENVIRONMENTAL GEOSCIENCES, D.P.C.

53 West Hills Road
Huntington Station, NY 11746

PHONE: 631-673-0612
FAX: 631-427-5323

WWW.LAURELENV.COM

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'



Laurel
ENVIRONMENTAL
GEOSCIENCES, D.P.C.

53 West Hills Road
Huntington Station, NY 11746

PHONE: 631-673-0612
FAX: 631-427-5323

WWW.LAURELENV.COM

FIGURE 3.0
GROUNDWATER POTENTIOMETRIC MAP - 100 FT WELLS

October 24, 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: 2/5/24
DRAWN BY:EB
CHECKED BY:DS

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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GEOSCIENCES, D.P.C.

53 West Hills Road
Huntington Station, NY 11746

PHONE: 631-673-0612
FAX: 631-427-5323

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FIGURE 4.0
GROUNDWATER POTENTIOMETRIC MAP - 70 FT WELLS

October 24, 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: 2/5/24
DRAWN BY :EB
CHECKED BY:DS
REVISIONS:

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

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

N
W E
S



Laurel ENVIRONMENTAL GEOSCIENCES, D.P.C.

53 West Hills Road
Huntington Station, NY 11746

PHONE: 631-673-0612
FAX: 631-427-5323

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FIGURE 5.0
GROUNDWATER POTENTIOMETRIC MAP - 50 FT WELLS

October 24, 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.

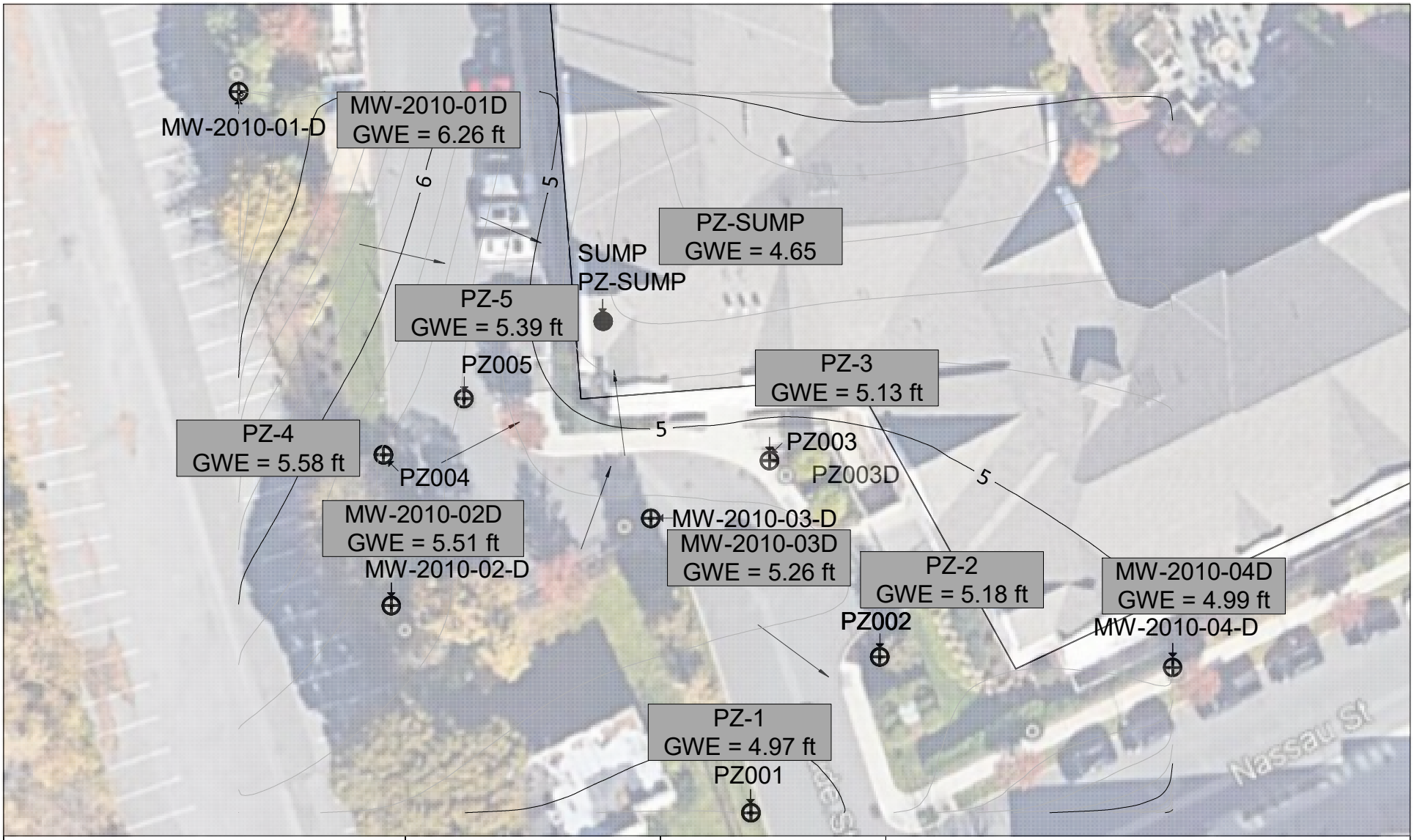
PROJECT #: 12-190
DRAWING DATE: 2/5/24
DRAWN BY:EB
CHECKED BY:DS
REVISIONS:

KEY

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

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

N W E S



Laurel
ENVIRONMENTAL
GEOSCIENCES, D.P.C.

53 West Hills Road
Huntington Station, NY 11746

PHONE: 631-673-0612
FAX: 631-427-5323

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FIGURE 6.0
GROUNDWATER POTENTIOMETRIC MAP - 15 FT WELLS

October 24, 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: 2/5/24
DRAWN BY:EB

CHECKED BY:DS

REVISIONS:

KEY

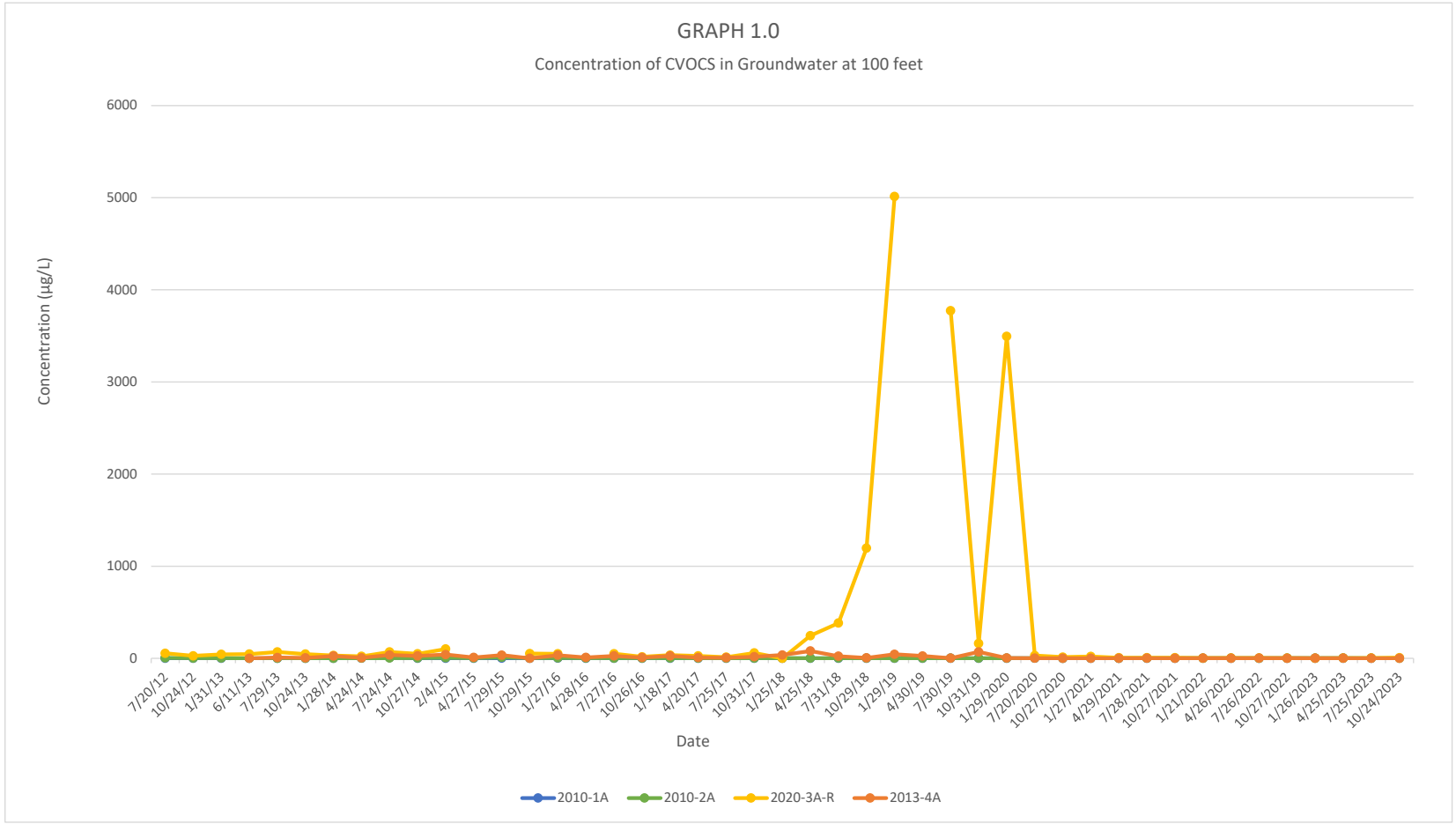
- Building
- MW Monitoring Well
- PZ Piezometer
- Sump
- Groundwater Flow Direction

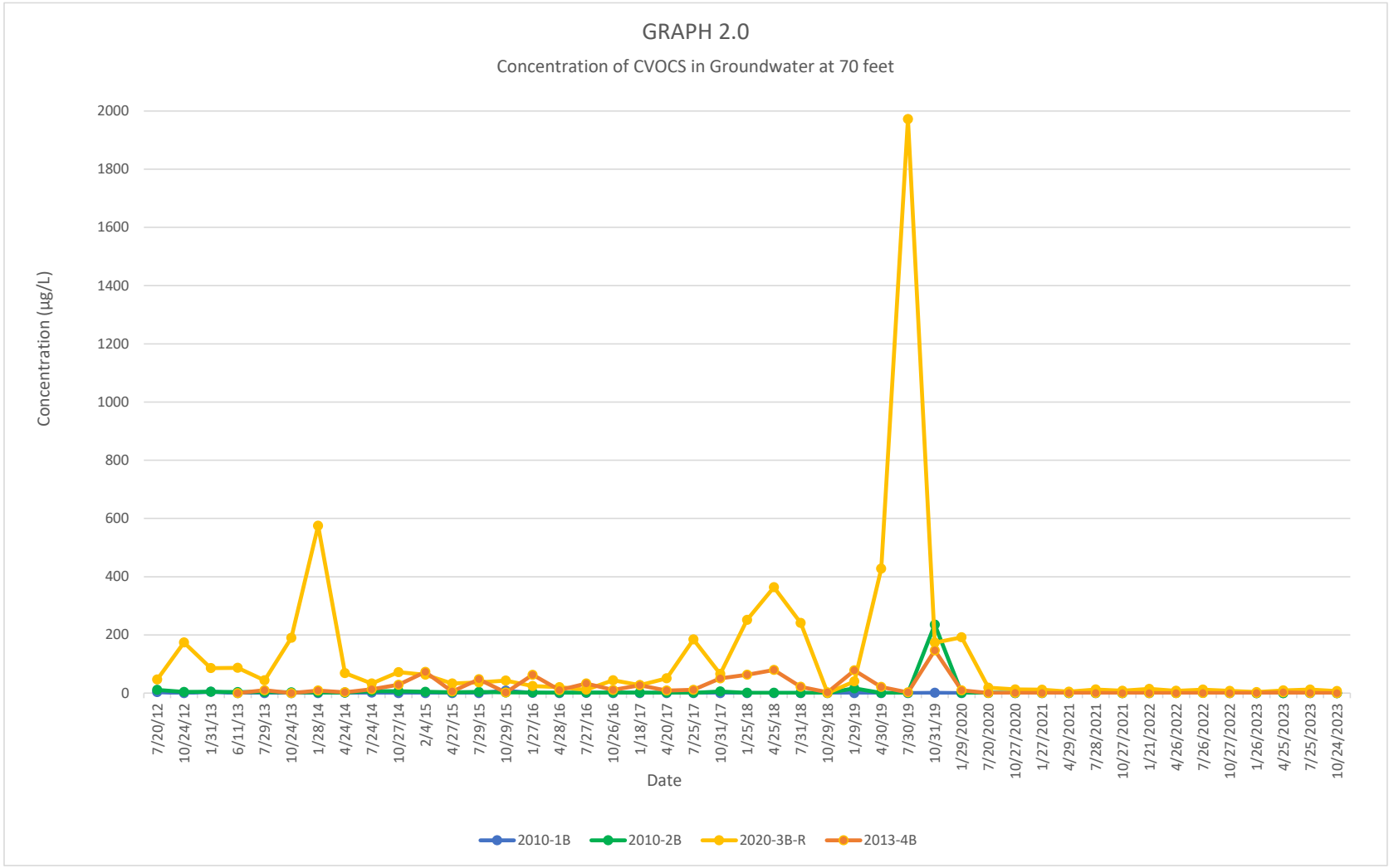
0 40' 80'

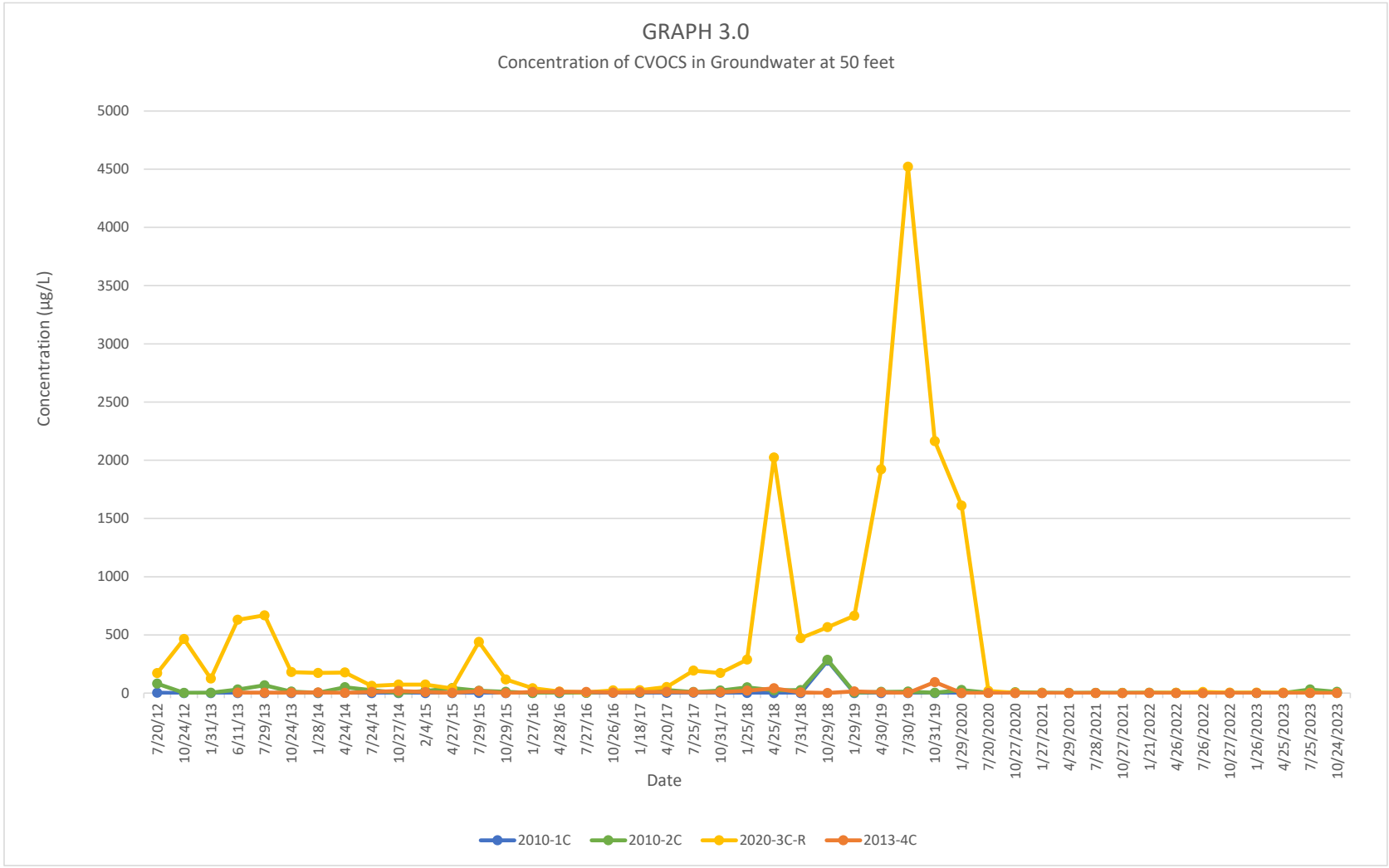
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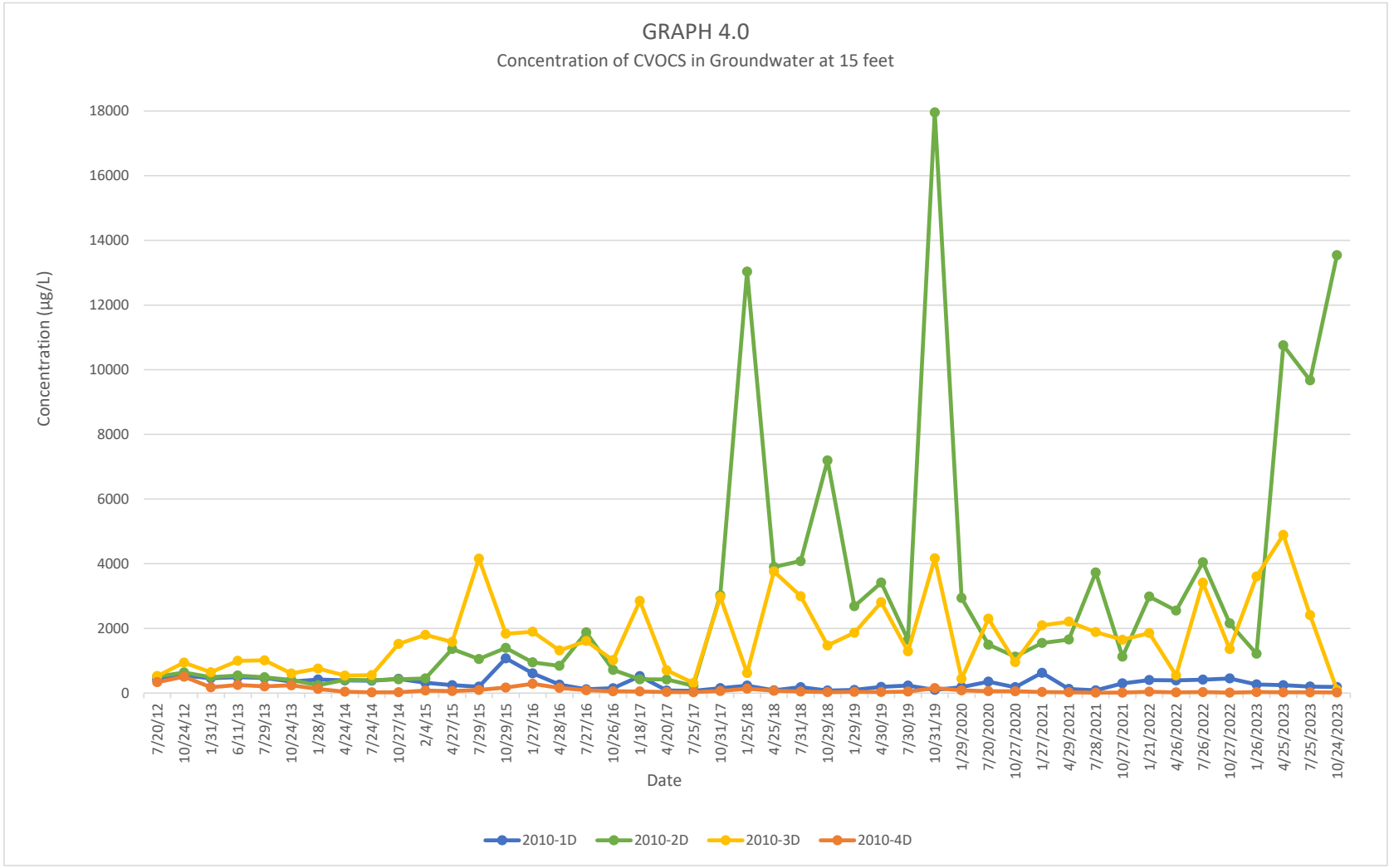
N W E S

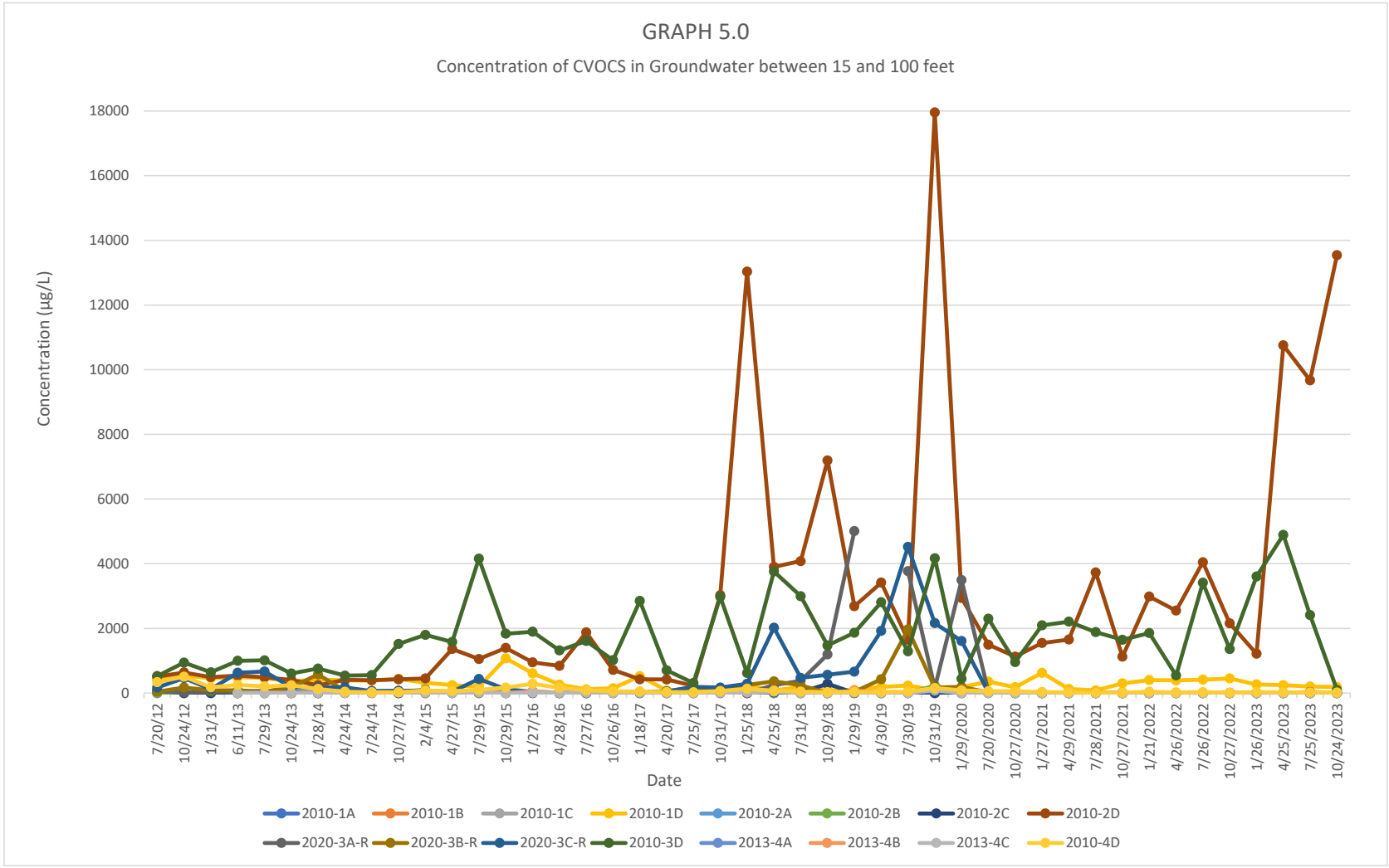
GRAPHS


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
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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
7/25/2023
10/24/2023
Date
2010-1A
2010-2A
2020-3A-R
2013-4A


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
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10/27/2020
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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
7/25/2023
10/24/2023
Date
2010-1B
2010-2B
2020-3B-R
2013-4B


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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7/31/18
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7/30/19
10/31/19
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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
7/25/2023
10/24/2023
Date
2010-1C
2010-2C
2020-3C-R
2013-4C


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
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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
7/25/2023
10/24/2023
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
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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
7/25/2023
10/24/2023
Date
2010-1A
2010-1B
2010-1C
2010-1D
2010-2A
2010-2B
2010-2C
2010-2D
2020-3A-R
2020-3B-R
2020-3C-R
2010-3D
2013-4A
2013-4B
2013-4C
2010-4D

APPENDIX A

Groundwater Telemetry Study Letters

LAUREL ENVIRONMENTAL GEOSCIENCES, DPC
53 WEST HILLS ROAD • HUNTINGTON STATION, NEW YORK • 11746
PHONE: (631) 673-0612 • FAX: (631) 427-5323
WWW.LAURELENV.COM

August 1, 2023

Mr. Matt Gibbons
AvalonBay Communities, Inc.
51 Sleeper Street, Suite 750
Boston, MA 02210

RE: Groundwater Telemetry Study – Initial Review
80 Banks Avenue, Rockville Centre
Laurel Project # 12-190

Dear Mr. Gibbons,

Laurel Environmental Geosciences, D.P.C. (Laurel) has prepared a Groundwater Telemetry Summary letter regarding ongoing monitoring of the groundwater flow conditions associated with 80 Banks Avenue in Rockville Centre, New York (the Site). The purpose of this study is to determine groundwater flow direction and evaluate hydraulic control of groundwater beneath the Site overtime, including whether additional actions may be necessary.

In May 2023, ***Laurel*** deployed a set of data loggers in the existing shallow piezometer wells (PZ-1 through PZ-5 and PZ-SUMP) at the Site. The data loggers measure groundwater elevations in each of the wells. ***Laurel*** generated a set of groundwater contour maps over a three-week timeframe using the data collected from the loggers that show groundwater flow conditions. The groundwater contour maps are attached as Figures 2.0 through 13.0.

Laurel observed that the bag filter conditions associated with the on-Site system appears to influence hydraulic control at the Site. When the bag filter becomes clogged, hydraulic control of groundwater at the Site appears to diminish. Two days following the bag filter change, a localized depression formed at the sump, which resulted in groundwater flowing towards the sump and confirmed hydraulic control of the Site. Over time as the bag filter becomes clogged, the system appears to lose efficiency and hydraulic control begins to lessen. Figure 12.0 represents groundwater conditions, approximately eighteen (18) days after the bag filter had been replaced.

Based on these findings, ***Laurel*** recommends scheduling a bag filter change every fourteen (14) days to better maintain hydraulic control at the Site. Now that we have increased the interval of bag filter changes based on this data, ***Laurel*** will download the datalogger data during the next round of groundwater monitoring, scheduled to take place the week of July 24th. We will review

this data and look closely at the effects of pumping on the groundwater gradient and will produce updated maps and a summary letter.

Additionally, we noticed that PZ-5 is in a drainage area that receives water from the drainage galleries that causes a temporary mounding effect and the groundwater elevation is not representative of the Site. We plan to move the datalogger from PZ-5 to 2010-01D to get better coverage across a wider area of the Site. ***Laurel*** will continue to monitor groundwater conditions at the Site and provide updates as appropriate.

Please contact me if you have any questions or require additional information.

Respectfully Submitted,
Laurel Environmental Geosciences, DPC.



Environmental Scientist III
Project Manager
Mrs. Dina Stammers



Scott A. Yanuck, P.G. President
Laurel Environmental Geosciences, DPC.



Laurel
ENVIRONMENTAL
GEOSCIENCES, D.P.C.

53 West Hills Road
Huntington Station, NY 11746

PHONE: 631-673-0612
FAX: 631-427-5323

WWW.LAURELENV.COM

FIGURE 2.0
GROUNDWATER POTENTIOMETRIC MAP - 15 FT WELLS

MAY 30, 2023 - BAG FILTER CLOGGED

80 BANKS AVENUE
ROCKVILLE CENTRE, NEW YORK

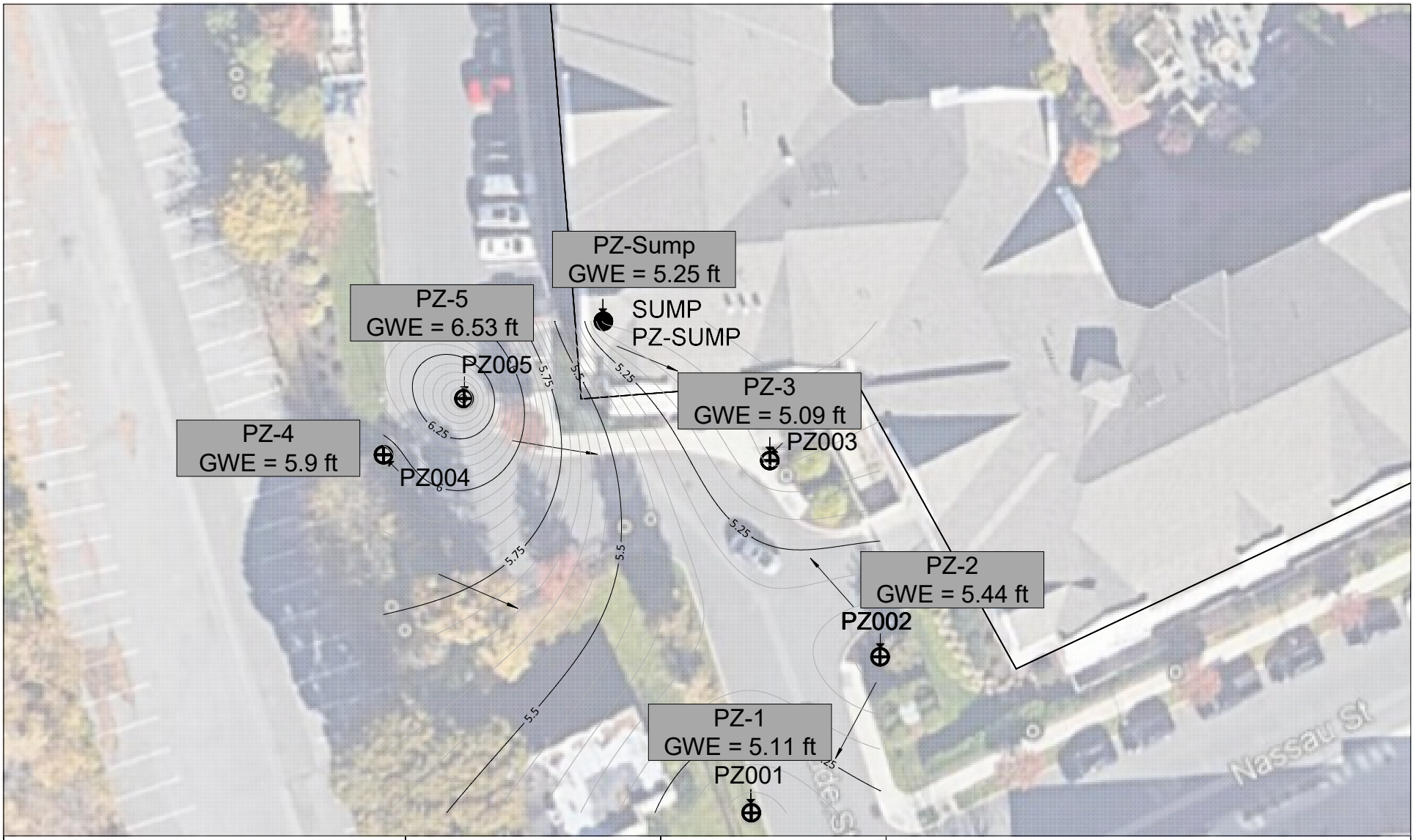
Laurel makes no guarantees as to the accuracy of this drawing and it should only be used for informational purposes.

PROJECT #: 12-190
DRAWING DATE: 06/30/23
DRAWN BY: EB
CHECKED BY: DS
REVISIONS:

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

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

N W E S



Laurel
ENVIRONMENTAL GEOSCIENCES, D.P.C.

53 West Hills Road
Huntington Station, NY 11746

PHONE: 631-673-0612
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FIGURE 3.0
GROUNDWATER POTENTIOMETRIC MAP - 15 FT WELLS

JUNE 01, 2023
(BAG FILTER CHANGED)

80 BANKS AVENUE
ROCKVILLE CENTRE, NEW YORK

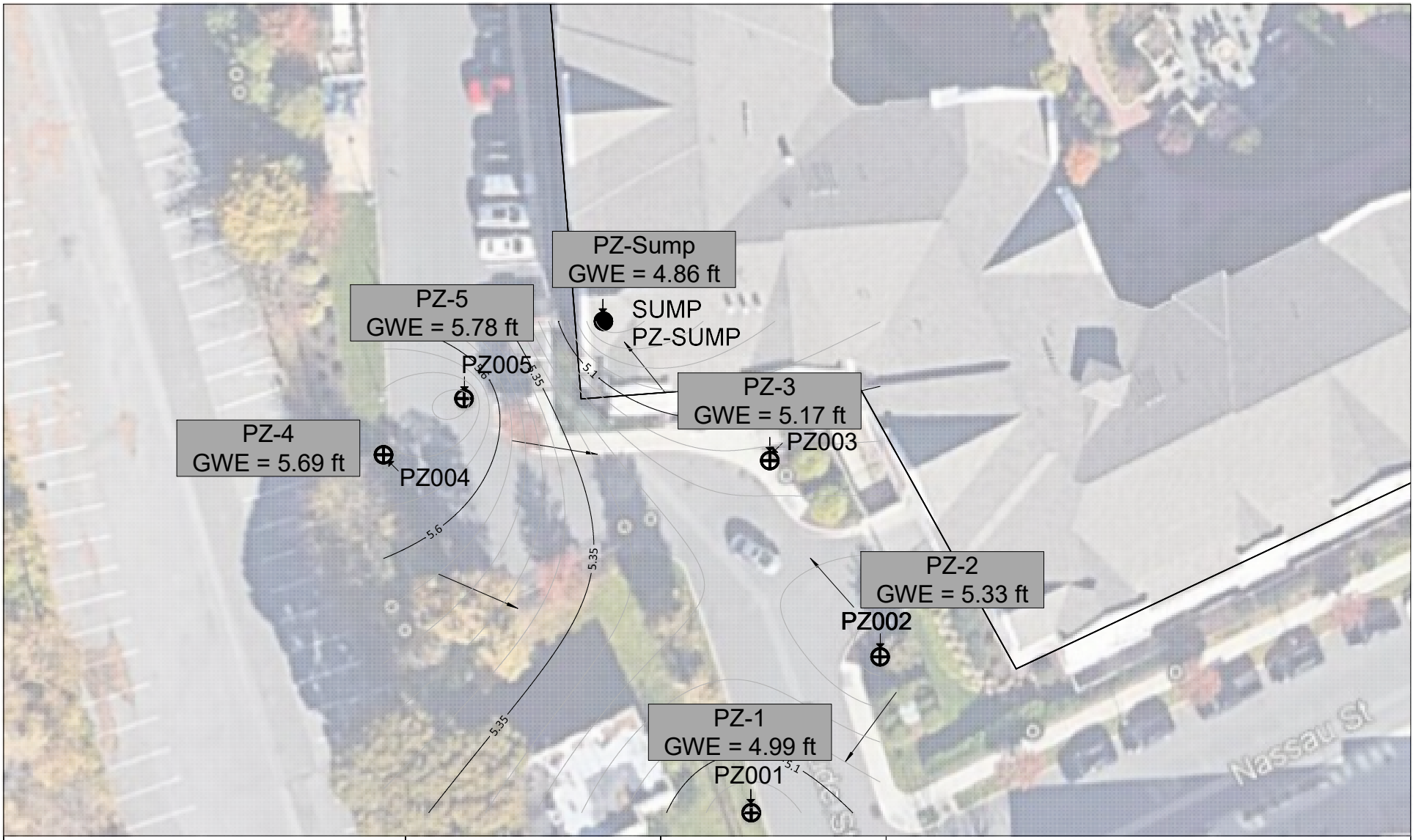
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0 40' 80'
Scale: 1" = 40'

N W E S



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FIGURE 4.0
GROUNDWATER POTENTIOMETRIC MAP - 15 FT WELLS

JUNE 03, 2023
(2 DAYS FROM BAG FILTER SWAP)

80 BANKS AVENUE
ROCKVILLE CENTRE, NEW YORK

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REVISIONS:

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

N W E S



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GEOSCIENCES, D.P.C.

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FIGURE 5.0
GROUNDWATER POTENTIOMETRIC MAP - 15 FT WELLS

JUNE 05, 2023
(4 DAYS SINCE BAG FILTER SWAP)

80 BANKS AVENUE
ROCKVILLE CENTRE, NEW YORK

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CHECKED BY: DS
REVISIONS:

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- Sump
- Groundwater Flow Direction

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

N W E S



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GEOSCIENCES, D.P.C.

53 West Hills Road
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FIGURE 6.0
GROUNDWATER POTENTIOMETRIC MAP - 15 FT WELLS

JUNE 07, 2023
(6 DAYS SINCE BAG FILTER SWAP)

80 BANKS AVENUE
ROCKVILLE CENTRE, NEW YORK

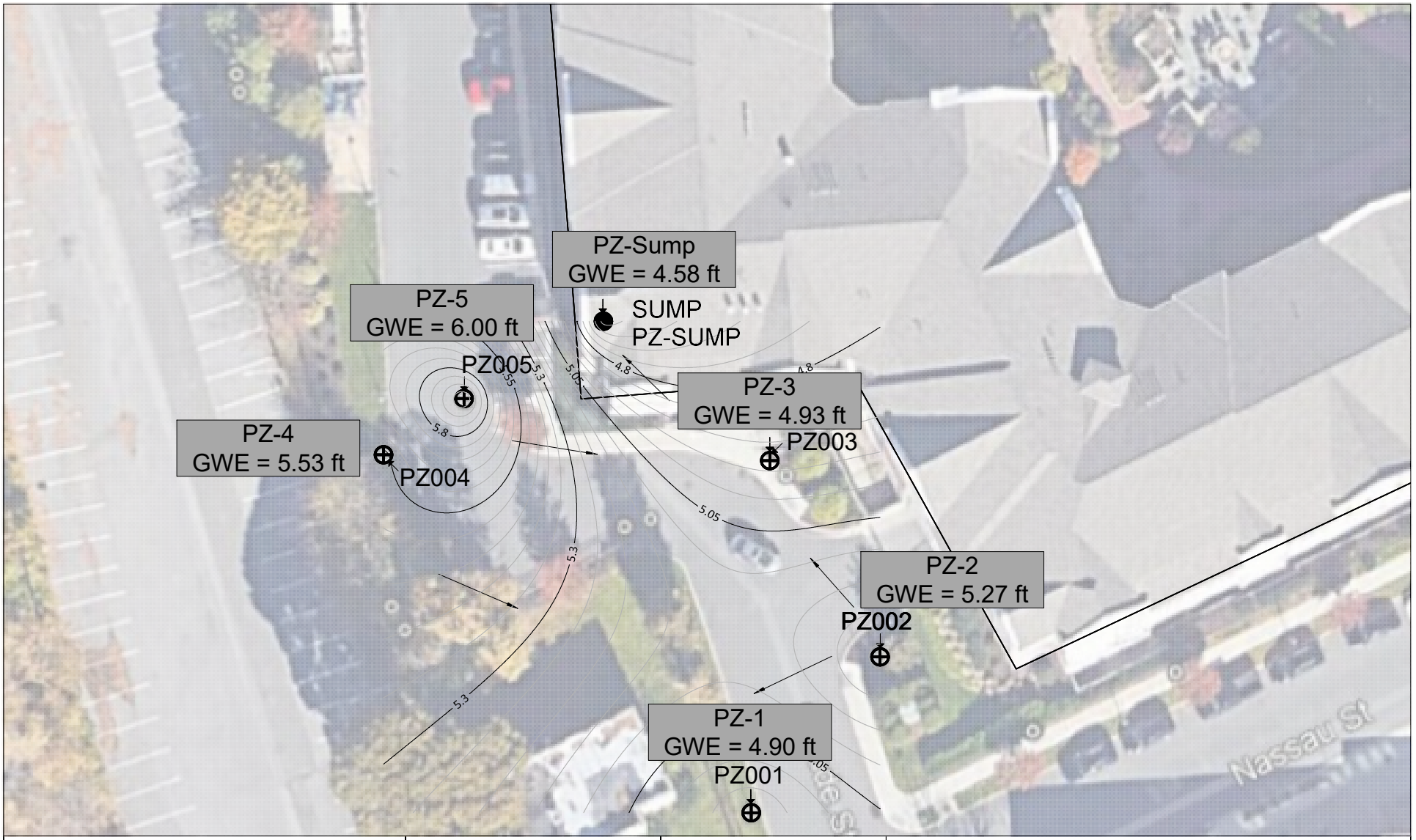
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0 40' 80'
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N W E S



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FIGURE 7.0
GROUNDWATER POTENTIOMETRIC MAP - 15 FT WELLS

JUNE 09, 2023
(8 DAYS SINCE BAG FILTER SWAP)

80 BANKS AVENUE
ROCKVILLE CENTRE, NEW YORK

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N W E S



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FIGURE 8.0
GROUNDWATER POTENTIOMETRIC MAP - 15 FT WELLS

JUNE 11, 2023
(10 DAYS SINCE BAG FILTER SWAP)

80 BANKS AVENUE
ROCKVILLE CENTRE, NEW YORK

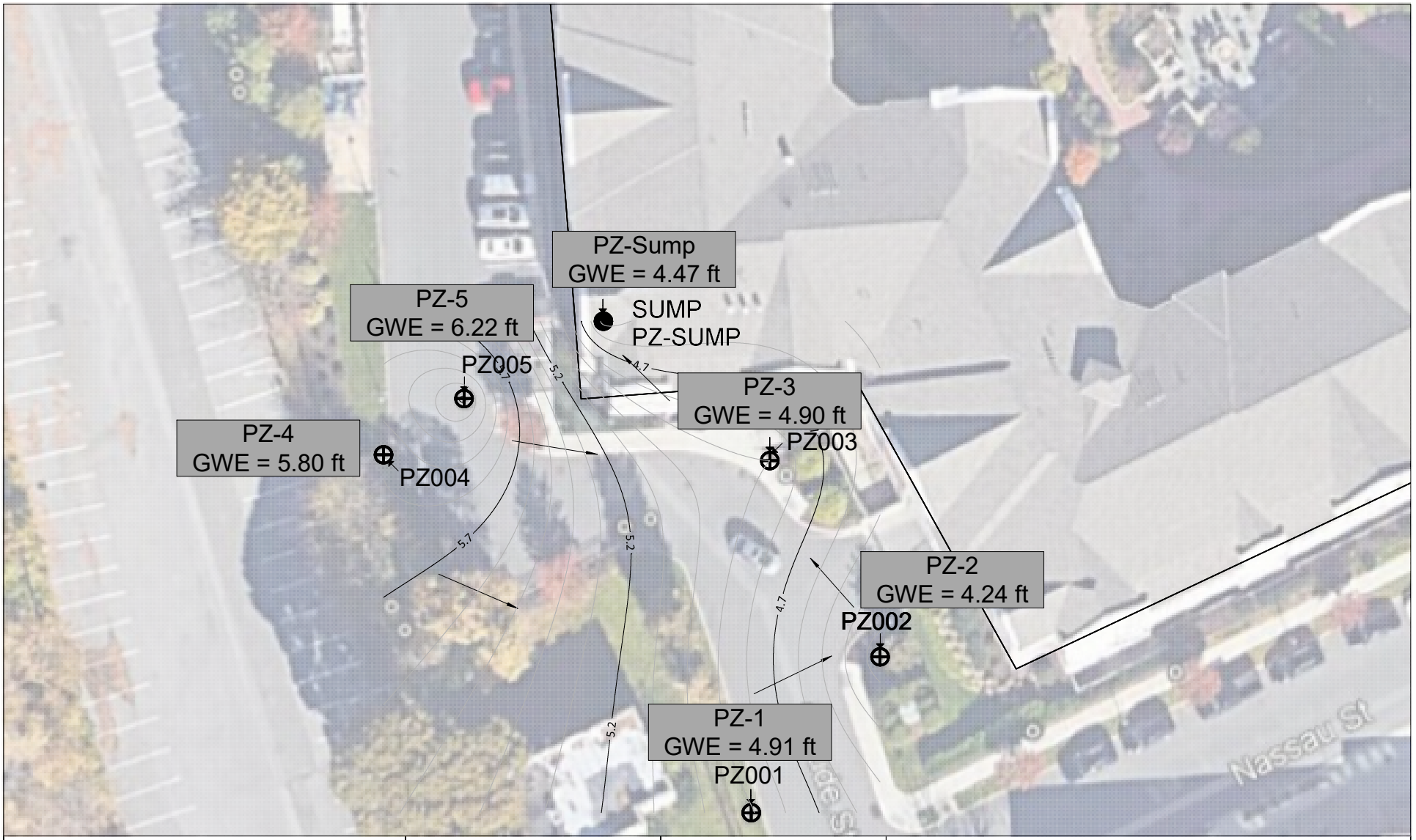
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0 40' 80'
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N W E S



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53 West Hills Road
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FIGURE 9.0
GROUNDWATER POTENTIOMETRIC MAP - 15 FT WELLS

JUNE 13, 2023
(12 DAYS SINCE BAG FILTER SWAP)

80 BANKS AVENUE
ROCKVILLE CENTRE, NEW YORK

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

N W E S



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GEOSCIENCES, D.P.C.

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PHONE: 631-673-0612
FAX: 631-427-5323

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FIGURE 10.0
GROUNDWATER POTENTIOMETRIC MAP - 15 FT WELLS

JUNE 15, 2023
(14 DAYS SINCE BAG FILTER SWAP)

80 BANKS AVENUE
ROCKVILLE CENTRE, NEW YORK

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0 40' 80'
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N W E S



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53 West Hills Road
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PHONE: 631-673-0612
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FIGURE 11.0
GROUNDWATER POTENTIOMETRIC MAP - 15 FT WELLS

JUNE 17, 2023
(16 DAYS SINCE BAG FILTER SWAP)

80 BANKS AVENUE
ROCKVILLE CENTRE, NEW YORK

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N W E S



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ENVIRONMENTAL GEOSCIENCES, D.P.C.

53 West Hills Road
Huntington Station, NY 11746

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FIGURE 12.0
GROUNDWATER POTENTIOMETRIC MAP - 15 FT WELLS

JUNE 18, 2023
(18 DAYS SINCE BAG FILTER SWAP)

80 BANKS AVENUE
ROCKVILLE CENTRE, NEW YORK

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FIGURE 13.0
GROUNDWATER POTENTIOMETRIC MAP - 15 FT WELLS

JUNE 21, 2023
(20 DAYS SINCE BAG FILTER SWAP)

80 BANKS AVENUE
ROCKVILLE CENTRE, NEW YORK

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DRAWING DATE: 06/30/23
DRAWN BY: EB
CHECKED BY: DS
REVISIONS:

KEY
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- PZ Piezometer
- Sump
- Groundwater Flow Direction

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

N W E S

LAUREL ENVIRONMENTAL GEOSCIENCES, DPC
53 WEST HILLS ROAD • HUNTINGTON STATION, NEW YORK • 11746
PHONE: (631) 673-0612 • FAX: (631) 427-5323
WWW.LAURELENV.COM

August 24, 2023

Mr. Matt Gibbons
AvalonBay Communities, Inc.
51 Sleeper Street, Suite 750
Boston, MA 02210

RE: Groundwater Telemetry Study – Second Review
80 Banks Avenue, Rockville Centre
Laurel Project # 12-190

Dear Mr. Gibbons,

Laurel Environmental Geosciences, D.P.C. (Laurel) has prepared a Groundwater Telemetry Summary letter regarding ongoing monitoring of the groundwater flow conditions associated with 80 Banks Avenue in Rockville Centre, New York (the Site). The purpose of this study is to determine groundwater flow direction and evaluate hydraulic control of groundwater beneath the Site overtime, including whether additional actions may be necessary.

In May 2023, ***Laurel*** deployed a set of data loggers in the existing shallow piezometer wells (PZ-1 through PZ-5 and PZ-SUMP) at the Site. The data loggers measure groundwater elevations in each of the wells.

In June 2023, ***Laurel*** observed that bag filter conditions associated with the on-Site system appear to influence hydraulic control at the Site. When the bag filter becomes clogged, hydraulic control of groundwater at the Site appears to diminish. Once the bag filter is changed, hydraulic control is regained at the Site.

For this second review of data, ***Laurel*** generated a set of groundwater contour maps over an eight day timeframe using the data collected from the loggers at the end of July 2023. The groundwater contour maps are attached as Figures 2.0 through 6.0. The purpose of this study was to determine the effect that the sump pumps have on hydraulic control of the Site when they are offline for an extended period of time. The sump pumps at the Site are designed to create a localized depression near the system to avoid groundwater leaving the Site. This study collected groundwater elevations during the following five instances:

- The pumps at the Site initially turned off (Figure 2.0);
- The pumps at the Site offline for one day (Figure 3.0);
- The pumps at the Site offline for three days (Figure 4.0);
- The pumps at the Site initially turned online (Figure 5.0); and
- The pumps at the Site online for three consecutive days (Figure 6.0).

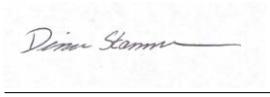
Figure 2.0 represents groundwater elevation when the sump pumps had initially gone offline and shows hydraulic control at the Site, as the pumps had been running regularly leading up to the pumps turning off. The day after the pumps go offline (Figure 3.0), hydraulic control at the Site is lost and groundwater is observed to be flowing southward and off the Site. Hydraulic control is not regained until the pumps resumed operation and continued to run for 3 days (Figure 6.0), and the localized depression around the sump returned.

Based on these findings, ***Laurel*** recommends deepening the sump to ensure that the sump has sufficient water to keep the sump pumps running. Deepening the sump would increase the amount of water the sump pumps would be required to remove, reducing the frequency that the sump pumps would turn off. This would also ensure that during times of drought and diminished ground water elevation, that the sump pumps would remain running and maintain hydraulic control at the Site.

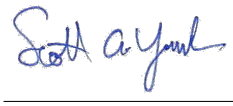
Additionally**,** ***Laurel*** noticed that PZ-5 is in a drainage area that receives water from the drainage galleries that causes a temporary mounding effect during rain events, and the groundwater elevation is not representative of the Site. In July 2023, ***Laurel*** moved the data logger from PZ-5 to 2010-01D to get better coverage across a wider area of the Site. Due to the short time interval between the moving of the data logger and the data relevant to the study, data collected from the 2010-01D data logger was not used in this study. ***Laurel*** plans on using the data from the datalogger in upcoming investigations. ***Laurel*** will continue to monitor groundwater conditions at the Site and provide updates as appropriate.

Please contact me if you have any questions or require additional information.

Respectfully Submitted,
Laurel Environmental Geosciences, DPC.



Environmental Scientist III
Project Manager
Mrs. Dina Stammers



Scott A. Yanuck, P.G. President
Laurel Environmental Geosciences, DPC.

Attachments: Figures 1 – 6 showing well locations and groundwater flow contours



Laurel ENVIRONMENTAL GEOSCIENCES, D.P.C.

53 West Hills Road
Huntington Station, NY 11746

PHONE: 631-673-0612
FAX: 631-427-5323

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FIGURE 1.0
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: 01/24/20
DRAWN BY: LG
CHECKED BY:BMC
REVISIONS: 06/29/20

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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ENVIRONMENTAL
GEOSCIENCES, D.P.C.

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FIGURE 2.0
GROUNDWATER POTENTIOMETRIC MAP - 15 FT WELLS

JULY 14, 2023 - Pumps Off

80 BANKS AVENUE
ROCKVILLE CENTRE, NEW YORK

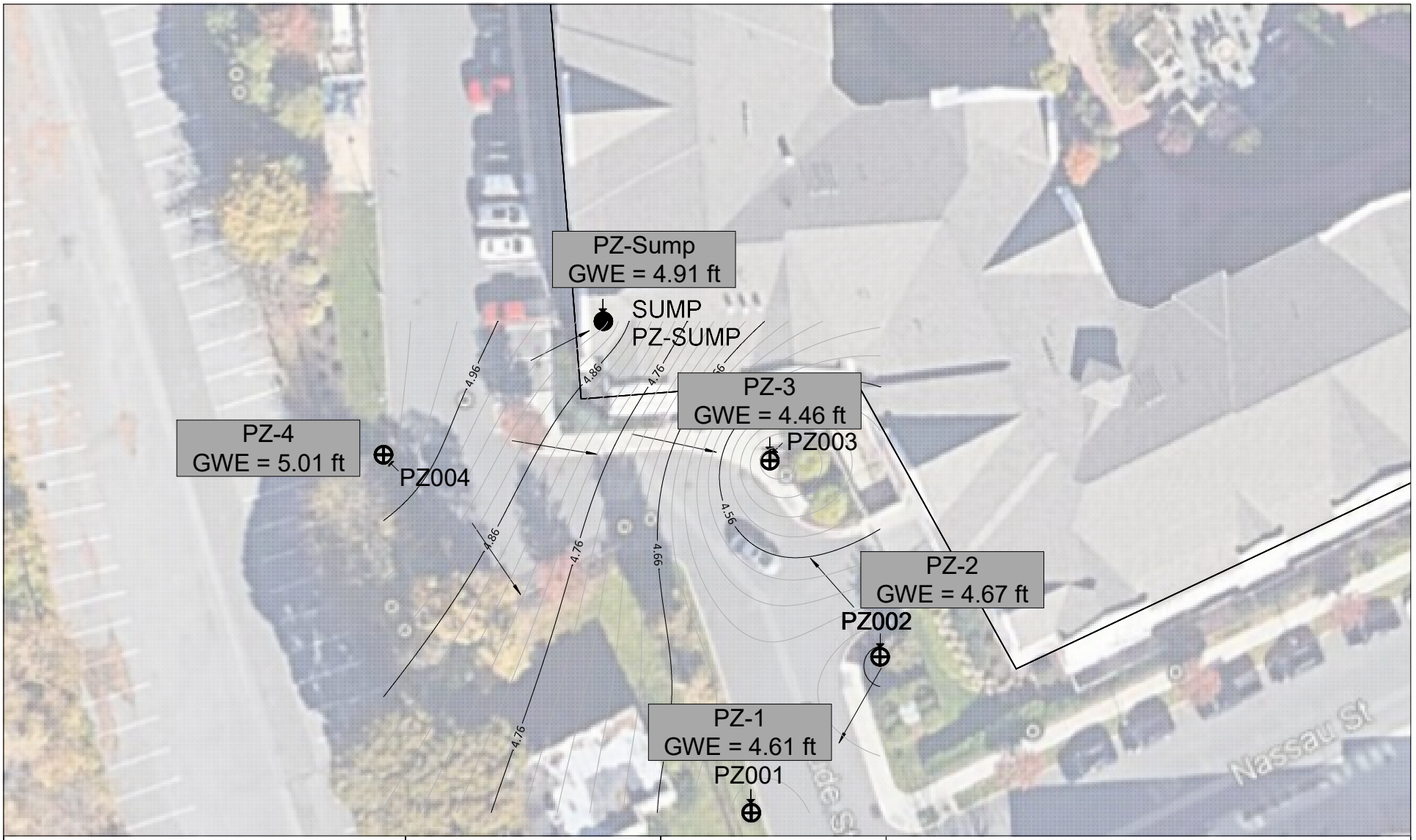
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PROJECT #: 12-190
DRAWING DATE: 08/08/23
DRAWN BY: EB
CHECKED BY:DS
REVISIONS:

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

N W E S



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FIGURE 3.0
GROUNDWATER POTENTIOMETRIC MAP - 15 FT WELLS

JULY 15, 2023 - Pumps Off for 1 Day

80 BANKS AVENUE
ROCKVILLE CENTRE, NEW YORK

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N W E S



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FIGURE 4.0
GROUNDWATER POTENTIOMETRIC MAP - 15 FT WELLS

JULY 17, 2023 - Pumps Off for 3 Days

80 BANKS AVENUE
ROCKVILLE CENTRE, NEW YORK

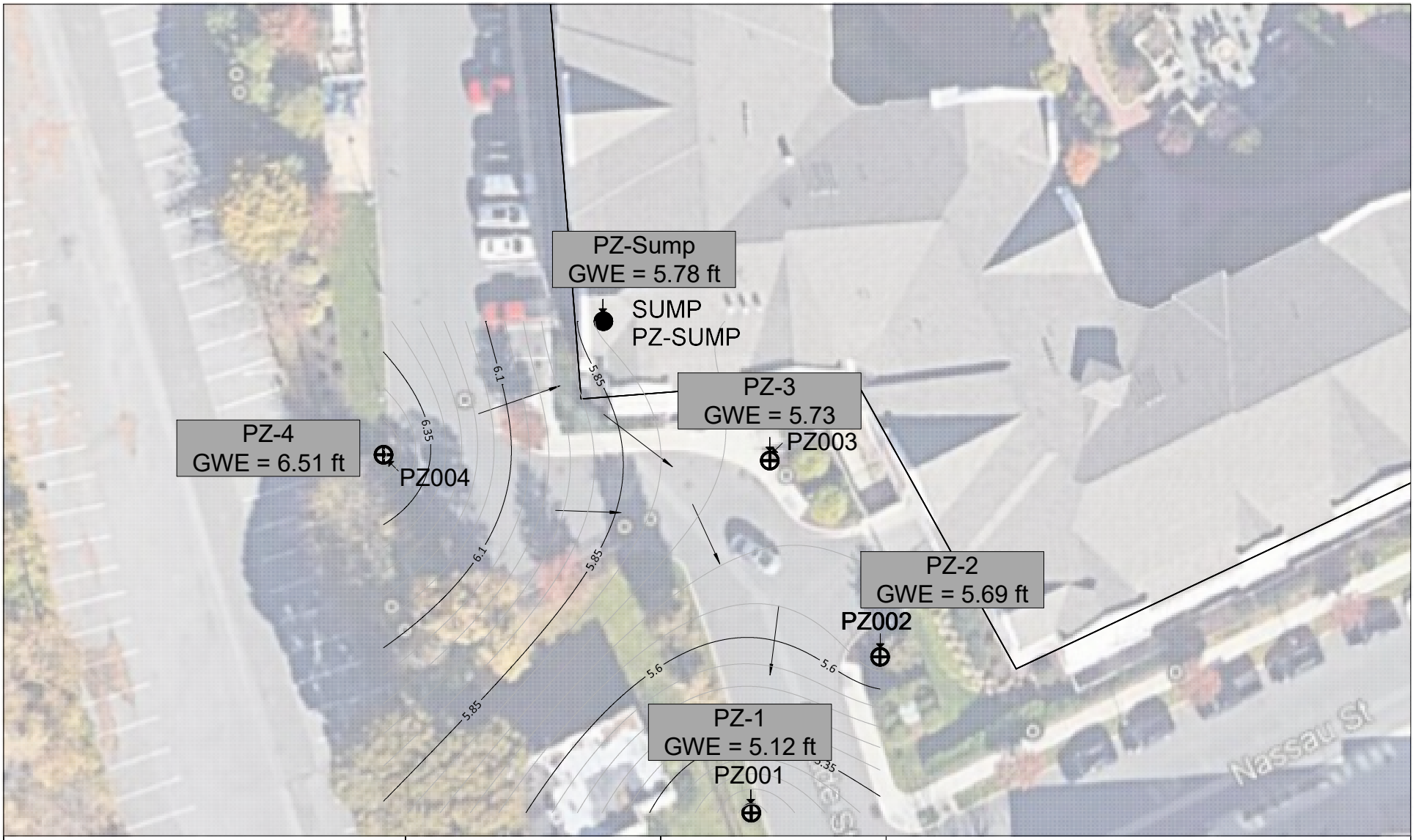
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N W E S



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FIGURE 5.0
GROUNDWATER POTENTIOMETRIC MAP - 15 FT WELLS

JULY 19, 2023 - Pumps Online

80 BANKS AVENUE
ROCKVILLE CENTRE, NEW YORK

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N W E S



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FIGURE 6.0
GROUNDWATER POTENTIOMETRIC MAP - 15 FT WELLS

JULY 22, 2023 - Pumps On for 3 Days

80 BANKS AVENUE
ROCKVILLE CENTRE, NEW YORK

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N W E S

APPENDIX B

Groundwater Quality Data

Groundwater Monitoring Well Depths and Chemistry

80 Banks Avenue, Rockville Center, New York

24-Oct-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)	7.13			7.64			7.69			7.14		
Depth to Bottom (ft bgs)	100.00			70.00			50.00			15.00		
Water Column Height (ft)	92.87			62.36			42.31			7.86		
Well elevation (ft)	13.12			13.13			13.11			13.40		
Water elevation (ft)	5.99			5.49			5.42			6.26		
Temperature (°C)	17.46	17.48	17.59	16.58	16.97	16.43	17.11	17.09	17.04	18.95	18.98	18.97
Conductivity (µS/cm)	72	71	74	76	78	71	310	311	309	254	254	260
Dissolved Oxygen (mg/L)	2.39	2.81	2.41	7.80	7.90	7.60	4.18	4.29	4.10	3.29	2.92	2.29
pH	13.01	13.17	13.22	12.41	12.38	12.91	13.20	13.17	13.11	13.09	13.11	13.17
Oxygen Reduction Potential	-45.7	-46.1	-45.8	-55.6	-54.1	-59.7	-48.80	-49.10	-48.60	-110.1	-111.1	-120.9
Turbidity	11.1	11.9	14.6	5.8	6.9	7.7	8.6	11.2	13.8	8.46	8.48	9.07

Monitoring Well #	***2010-02A***			***2010-02B***			***2010-02C***			***2010-02D***		
Test Number		2	3	1	2	3	1	2	3	1	2	3
Depth To Water	7.88			8.95			8.92			8.46		
Depth To Bottom	100.00			70.00			50.00			15.00		
Water Column Height (ft)	92.12			61.05			41.08			6.54		
Well elevation (ft)	14.08			14.06			13.88			13.97		
Water elevation (ft)	6.20			5.11			4.96			5.51		
Temperature (°C)	16.23	16.36	16.42	16.14	16.23	16.18	15.87	15.84	15.91	17.62	17.05	17.69
Conductivity (µS/cm)	179	180	183	176	179	178	224	225	229	288	281	271
Dissolved Oxygen (mg/L)	3.73	3.69	3.61	2.94	2.48	2.01	4.18	4.29	4.10	3.48	3.47	3.68
pH	12.83	12.91	12.94	12.70	12.81	12.77	13.20	13.17	13.11	12.48	12.12	12.05
Oxygen Reduction Potential	-101.6	-98.8	-97.2	-47.5	-49.6	-48.8	-45.9	-49.1	-48.6	-148.4	146.1	-148.1
Turbidity	10.8	9.8	10.2	8.2	16.2	8.4	38.9	29.7	27.8	3.4	3.3	2.9

Groundwater Monitoring Well Depths and Chemistry

80 Banks Avenue, Rockville Center, New York

24-Oct-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)	4.94			6.15			5.97			5.77		
Depth to Bottom (ft bgs)	100.00			70.00			50.00			15.00		
Water Column Height (ft)	95.06			63.85			44.03			9.23		
Well elevation (ft)	11.17			10.82			11.17			11.03		
Water elevation (ft)	8.18			6.98			7.14			7.63		
Temperature (°C)	19.10	19.34	19.81	18.16	18.79	18.69	16.50	16.48	16.48	19.81	19.79	19.76
Conductivity (µS/cm)	161	141	145	165	166	171	284	287	338	239	225	231
Dissolved Oxygen (mg/L)	3.91	3.86	3.67	3.59	3.61	3.79	3.51	3.01	2.85	3.31	3.29	2.96
pH	8.61	8.43	8.76	9.82	9.81	9.95	8.69	8.71	8.65	11.12	11.39	11.07
Oxygen Reduction Potential	-58.9	-49.3	-48.1	-54.5	-51.9	-52.5	65.3	64.9	64.3	-99.1	-97.6	-95.9
Turbidity	13.5	12.1	9.6	30.7	29.2	44.5	18.9	6.7	4.2	9.7	11.6	10.9

Monitoring Well #	***2013-04A***			***2013-04B***			***2013-04C***			***2010-04D***		
Test Number		2	3	1	2	3	1	2	3	1	2	3
	4.26			5.20			5.06			8.23		
Depth to Bottom (ft bgs)	100.00			70.00			50.00			15.00		
Water Column Height (ft)	95.74			64.80			44.94			6.77		
Well elevation (ft)	10.58			10.60			10.63			13.22		
Water elevation (ft)	6.32			5.40			5.57			4.99		
Temperature (°C)	18.16	18.19	18.08	18.26	18.76	18.77	16.63	16.71	16.73	18.96	18.95	18.95
Conductivity (µS/cm)	0.089	0.081	0.085	0.103	0.114	0.129	0.393	0.399	0.401	1271	1276	1282
Dissolved Oxygen (mg/L)	2.53	2.55	2.59	6.01	6.11	6.55	4.23	4.21	4.20	2.05	2.02	2.00
pH	9.28	9.11	9.16	8.74	8.35	8.20	8.29	8.35	8.41	9.72	9.87	9.91
Oxygen Reduction Potential	-80.5	-80.1	-82.3	21.3	22.5	22.9	-21.2	-25.6	-23.9	11.3	4.1	0.5
Turbidity	50.2	38.1	32.3	64.7	34.2	33.9	43.2	39.1	30.6	15.4	7.3	8.5

Groundwater Monitoring Well Depths and Chemistry

80 Banks Avenue, Rockville Center, New York

24-Oct-23

Piezometer Well ID#:	***PZ-1***	***PZ-2***	***PZ-3***	***PZ-4***	***PZ-5***
Depth to Water (ft bgs)	5.57	4.83	5.93	5.98	6.68
Depth to Bottom (ft bgs)	12.90	12.39	12.99	12.96	13.41
Water Column Height (ft)	7.33	7.56	7.06	6.98	6.73
Well elevation (ft)	10.54	10.01	11.055	11.555	12.07
Water elevation (ft)	4.97	5.18	5.13	5.58	5.39

Piezometer Well ID#:	***PZ-SUMP***	***PZ-SUMP-D***	***PZ-3D***	***PZ-4D***	***PZ-5D***	***PZ-6D***
Depth to Water (ft bgs)	1.16	N/A	5.80	5.89	6.24	5.84
Depth to Bottom (ft bgs)	N/A	10.03	14.36	14.43	14.25	13.91
Water Column Height (ft)	N/A	N/A	8.56	8.54	8.01	8.07
Well elevation (ft)	5.81	5.66	10.90	11.49	11.60	10.99
Water elevation (ft)	N/A	N/A	5.10	5.60	5.36	5.15

*NA = Not Applicable

APPENDIX C

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: 11/03/2023
Client Project ID: 80 Banks Avenue Rockville Centre 12-190 DS
York Project (SDG) No.: 23J1626

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: 11/03/2023
Client Project ID: 80 Banks Avenue Rockville Centre 12-190 DS
York Project (SDG) No.: 23J1626

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 October 25, 2023 and listed below. The project was identified as your project: **80 Banks Avenue Rockville Centre 12-190 DS**.

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
23J1626-01	2010-01A	Ground Water	10/24/2023	10/25/2023
23J1626-02	2010-01B	Ground Water	10/24/2023	10/25/2023
23J1626-03	2010-01C	Ground Water	10/24/2023	10/25/2023
23J1626-04	2010-01D	Ground Water	10/24/2023	10/25/2023
23J1626-05	2010-02A	Ground Water	10/24/2023	10/25/2023
23J1626-06	2010-02B	Ground Water	10/24/2023	10/25/2023
23J1626-07	2010-02C	Ground Water	10/24/2023	10/25/2023
23J1626-08	2010-02D	Ground Water	10/24/2023	10/25/2023
23J1626-09	2020-03A-R	Ground Water	10/24/2023	10/25/2023
23J1626-10	2020-03B-R	Ground Water	10/24/2023	10/25/2023
23J1626-11	2020-03C-R	Ground Water	10/24/2023	10/25/2023
23J1626-12	2010-03D	Ground Water	10/24/2023	10/25/2023
23J1626-13	2013-04A	Ground Water	10/24/2023	10/25/2023
23J1626-14	2013-04B	Ground Water	10/24/2023	10/25/2023
23J1626-15	2013-04C	Ground Water	10/24/2023	10/25/2023
23J1626-16	2013-04D	Ground Water	10/24/2023	10/25/2023
23J1626-17	System Influent	Ground Water	10/24/2023	10/25/2023
23J1626-18	DUP	Ground Water	10/24/2023	10/25/2023
23J1626-19	Trip Blank	Ground Water	10/24/2023	10/25/2023

General Notes for York Project (SDG) No.: 23J1626

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: 11/03/2023

Cassie L. Mosher
Laboratory Manager

Sample Information

Client Sample ID: **2010-01A** **York Sample ID:** **23J1626-01**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23J1626	80 Banks Avenue Rockville Centre 12-190 DS	Ground Water	October 24, 2023 1:00 pm	10/25/2023

Volatile Organics, 8260 List - Low Level

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:	10/30/2023 09:00	10/30/2023 16:34 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	SMA
71-55-6	1,1,1-Trichloroethane	ND		ug/L	0.266	0.500	1	EPA 8260C Certifications:	10/30/2023 09:00	10/30/2023 16:34 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	SMA
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.256	0.500	1	EPA 8260C Certifications:	10/30/2023 09:00	10/30/2023 16:34 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	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:	10/30/2023 09:00	10/30/2023 16:34 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	SMA
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.249	0.500	1	EPA 8260C Certifications:	10/30/2023 09:00	10/30/2023 16:34 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	SMA
75-34-3	1,1-Dichloroethane	ND		ug/L	0.272	0.500	1	EPA 8260C Certifications:	10/30/2023 09:00	10/30/2023 16:34 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	SMA
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.327	0.500	1	EPA 8260C Certifications:	10/30/2023 09:00	10/30/2023 16:34 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	SMA
563-58-6	1,1-Dichloropropylene	ND		ug/L	0.314	0.500	1	EPA 8260C Certifications:	10/30/2023 09:00	10/30/2023 16:34 NELAC-NY10854,NELAC-NY12058,NJDEP-CT005	SMA
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	0.222	0.500	1	EPA 8260C Certifications:	10/30/2023 09:00	10/30/2023 16:34 NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	SMA
96-18-4	1,2,3-Trichloropropane	ND		ug/L	0.273	0.500	1	EPA 8260C Certifications:	10/30/2023 09:00	10/30/2023 16:34 NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	SMA
95-93-2	* 1,2,4,5-Tetramethylbenzene	ND		ug/L	0.255	0.500	1	EPA 8260C Certifications:	10/30/2023 09:00	10/30/2023 16:34	SMA
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.138	0.500	1	EPA 8260C Certifications:	10/30/2023 09:00	10/30/2023 16:34 NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	SMA
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	0.310	0.500	1	EPA 8260C Certifications:	10/30/2023 09:00	10/30/2023 16:34 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	SMA
96-12-8	1,2-Dibromo-3-chloropropane	ND	CCVE	ug/L	0.432	0.500	1	EPA 8260C Certifications:	10/30/2023 09:00	10/30/2023 16:34 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	SMA
106-93-4	1,2-Dibromoethane	ND		ug/L	0.215	0.500	1	EPA 8260C Certifications:	10/30/2023 09:00	10/30/2023 16:34 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	SMA
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.270	0.500	1	EPA 8260C Certifications:	10/30/2023 09:00	10/30/2023 16:34 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	SMA
107-06-2	1,2-Dichloroethane	ND		ug/L	0.377	0.500	1	EPA 8260C Certifications:	10/30/2023 09:00	10/30/2023 16:34 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	SMA
78-87-5	1,2-Dichloropropane	ND		ug/L	0.327	0.500	1	EPA 8260C Certifications:	10/30/2023 09:00	10/30/2023 16:34 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	SMA
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	0.347	0.500	1	EPA 8260C Certifications:	10/30/2023 09:00	10/30/2023 16:34 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	SMA
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.283	0.500	1	EPA 8260C Certifications:	10/30/2023 09:00	10/30/2023 16:34 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	SMA
142-28-9	1,3-Dichloropropane	ND		ug/L	0.260	0.500	1	EPA 8260C Certifications:	10/30/2023 09:00	10/30/2023 16:34 NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	SMA
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.311	0.500	1	EPA 8260C Certifications:	10/30/2023 09:00	10/30/2023 16:34 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	SMA

Sample Information

Client Sample ID: 2010-01A

York Sample ID: 23J1626-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23J1626	80 Banks Avenue Rockville Centre 12-190 DS	Ground Water	October 24, 2023 1:00 pm	10/25/2023

Volatile Organics, 8260 List - Low Level

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:	10/30/2023 09:00	10/30/2023 16:34	SMA NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04
78-93-3	2-Butanone	ND		ug/L	0.421	0.500	1	EPA 8260C Certifications:	10/30/2023 09:00	10/30/2023 16:34	SMA CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
95-49-8	2-Chlorotoluene	ND		ug/L	0.376	0.500	1	EPA 8260C Certifications:	10/30/2023 09:00	10/30/2023 16:34	SMA CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
591-78-6	2-Hexanone	ND	CCVE	ug/L	0.320	0.500	1	EPA 8260C Certifications:	10/30/2023 09:00	10/30/2023 16:34	SMA CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
106-43-4	4-Chlorotoluene	ND		ug/L	0.311	0.500	1	EPA 8260C Certifications:	10/30/2023 09:00	10/30/2023 16:34	SMA CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
108-10-1	4-Methyl-2-pentanone	ND		ug/L	0.365	0.500	1	EPA 8260C Certifications:	10/30/2023 09:00	10/30/2023 16:34	SMA CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
67-64-1	Acetone	ND	CCVE	ug/L	1.34	2.00	1	EPA 8260C Certifications:	10/30/2023 09:00	10/30/2023 16:34	SMA CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
71-43-2	Benzene	ND		ug/L	0.279	0.500	1	EPA 8260C Certifications:	10/30/2023 09:00	10/30/2023 16:34	SMA CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
108-86-1	Bromobenzene	ND		ug/L	0.367	0.500	1	EPA 8260C Certifications:	10/30/2023 09:00	10/30/2023 16:34	SMA NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04
74-97-5	Bromochloromethane	ND		ug/L	0.354	0.500	1	EPA 8260C Certifications:	10/30/2023 09:00	10/30/2023 16:34	SMA NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04
75-27-4	Bromodichloromethane	ND		ug/L	0.245	0.500	1	EPA 8260C Certifications:	10/30/2023 09:00	10/30/2023 16:34	SMA CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
75-25-2	Bromoform	ND		ug/L	0.163	0.500	1	EPA 8260C Certifications:	10/30/2023 09:00	10/30/2023 16:34	SMA CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
74-83-9	Bromomethane	ND	CCVE	ug/L	0.119	0.500	1	EPA 8260C Certifications:	10/30/2023 09:00	10/30/2023 16:34	SMA CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
75-15-0	Carbon disulfide	ND		ug/L	0.362	0.500	1	EPA 8260C Certifications:	10/30/2023 09:00	10/30/2023 16:34	SMA CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
56-23-5	Carbon tetrachloride	ND		ug/L	0.204	0.500	1	EPA 8260C Certifications:	10/30/2023 09:00	10/30/2023 16:34	SMA CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
108-90-7	Chlorobenzene	ND		ug/L	0.284	0.500	1	EPA 8260C Certifications:	10/30/2023 09:00	10/30/2023 16:34	SMA CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
75-00-3	Chloroethane	ND	QL-02, CCVE	ug/L	0.448	0.500	1	EPA 8260C Certifications:	10/30/2023 09:00	10/30/2023 16:34	SMA CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
67-66-3	Chloroform	ND		ug/L	0.243	0.500	1	EPA 8260C Certifications:	10/30/2023 09:00	10/30/2023 16:34	SMA CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
74-87-3	Chloromethane	ND		ug/L	0.372	0.500	1	EPA 8260C Certifications:	10/30/2023 09:00	10/30/2023 16:34	SMA CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
156-59-2	cis-1,2-Dichloroethylene	ND		ug/L	0.294	0.500	1	EPA 8260C Certifications:	10/30/2023 09:00	10/30/2023 16:34	SMA CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.262	0.500	1	EPA 8260C Certifications:	10/30/2023 09:00	10/30/2023 16:34	SMA CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
124-48-1	Dibromochloromethane	ND		ug/L	0.146	0.500	1	EPA 8260C Certifications:	10/30/2023 09:00	10/30/2023 16:34	SMA CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
74-95-3	Dibromomethane	ND		ug/L	0.203	0.500	1	EPA 8260C Certifications:	10/30/2023 09:00	10/30/2023 16:34	SMA NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04

Sample Information

Client Sample ID: 2010-01A

York Sample ID: 23J1626-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23J1626	80 Banks Avenue Rockville Centre 12-190 DS	Ground Water	October 24, 2023 1:00 pm	10/25/2023

Volatile Organics, 8260 List - Low Level

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	CCVE	ug/L	0.451	0.500	1	EPA 8260C Certifications:	10/30/2023 09:00	10/30/2023 16:34	SMA NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04
100-41-4	Ethyl Benzene	ND		ug/L	0.290	0.500	1	EPA 8260C Certifications:	10/30/2023 09:00	10/30/2023 16:34	SMA CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
87-68-3	Hexachlorobutadiene	ND		ug/L	0.241	0.500	1	EPA 8260C Certifications:	10/30/2023 09:00	10/30/2023 16:34	SMA NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04
98-82-8	Isopropylbenzene	ND		ug/L	0.405	0.500	1	EPA 8260C Certifications:	10/30/2023 09:00	10/30/2023 16:34	SMA CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.244	0.500	1	EPA 8260C Certifications:	10/30/2023 09:00	10/30/2023 16:34	SMA CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
75-09-2	Methylene chloride	ND		ug/L	0.397	2.00	1	EPA 8260C Certifications:	10/30/2023 09:00	10/30/2023 16:34	SMA CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
91-20-3	Naphthalene	ND		ug/L	0.212	2.00	1	EPA 8260C Certifications:	10/30/2023 09:00	10/30/2023 16:34	SMA NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04
104-51-8	n-Butylbenzene	ND		ug/L	0.399	0.500	1	EPA 8260C Certifications:	10/30/2023 09:00	10/30/2023 16:34	SMA CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
103-65-1	n-Propylbenzene	ND		ug/L	0.384	0.500	1	EPA 8260C Certifications:	10/30/2023 09:00	10/30/2023 16:34	SMA CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
95-47-6	o-Xylene	ND		ug/L	0.261	0.500	1	EPA 8260C Certifications:	10/30/2023 09:00	10/30/2023 16:34	SMA CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP-68
179601-23-1	p- & m- Xylenes	ND		ug/L	0.578	1.00	1	EPA 8260C Certifications:	10/30/2023 09:00	10/30/2023 16:34	SMA CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP-68
105-05-5	* p-Diethylbenzene	ND		ug/L	0.341	0.500	1	EPA 8260C Certifications:	10/30/2023 09:00	10/30/2023 16:34	SMA
622-96-8	* p-Ethyltoluene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	10/30/2023 09:00	10/30/2023 16:34	SMA
99-87-6	p-Isopropyltoluene	ND		ug/L	0.377	0.500	1	EPA 8260C Certifications:	10/30/2023 09:00	10/30/2023 16:34	SMA CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
135-98-8	sec-Butylbenzene	ND		ug/L	0.444	0.500	1	EPA 8260C Certifications:	10/30/2023 09:00	10/30/2023 16:34	SMA CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
100-42-5	Styrene	ND		ug/L	0.255	0.500	1	EPA 8260C Certifications:	10/30/2023 09:00	10/30/2023 16:34	SMA CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
98-06-6	tert-Butylbenzene	ND		ug/L	0.367	0.500	1	EPA 8260C Certifications:	10/30/2023 09:00	10/30/2023 16:34	SMA CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
127-18-4	Tetrachloroethylene	ND	CCVE, ICVE, QL-02	ug/L	0.239	0.500	1	EPA 8260C Certifications:	10/30/2023 09:00	10/30/2023 16:34	SMA CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
108-88-3	Toluene	ND		ug/L	0.346	0.500	1	EPA 8260C Certifications:	10/30/2023 09:00	10/30/2023 16:34	SMA CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.279	0.500	1	EPA 8260C Certifications:	10/30/2023 09:00	10/30/2023 16:34	SMA CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
10061-02-6	trans-1,3-Dichloropropylene	ND	CCVE, QL-02	ug/L	0.229	0.500	1	EPA 8260C Certifications:	10/30/2023 09:00	10/30/2023 16:34	SMA CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
79-01-6	Trichloroethylene	ND		ug/L	0.249	0.500	1	EPA 8260C Certifications:	10/30/2023 09:00	10/30/2023 16:34	SMA CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
75-69-4	Trichlorofluoromethane	ND	CCVE, QL-02	ug/L	0.337	0.500	1	EPA 8260C Certifications:	10/30/2023 09:00	10/30/2023 16:34	SMA CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT

Sample Information

Client Sample ID: 2010-01A **York Sample ID:** 23J1626-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23J1626	80 Banks Avenue Rockville Centre 12-190 DS	Ground Water	October 24, 2023 1:00 pm	10/25/2023

Volatile Organics, 8260 List - Low Level

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	CCVE	ug/L	0.469	0.500	1	EPA 8260C Certifications:	10/30/2023 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	10/30/2023 16:34	SMA
1330-20-7	Xylenes, Total	ND		ug/L	0.836	1.50	1	EPA 8260C Certifications:	10/30/2023 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	10/30/2023 16:34	SMA

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: SURR: 1,2-Dichloroethane-d4*	*87.3 %*	*69-130*
2037-26-5	*Surrogate: SURR: Toluene-d8*	*92.0 %*	*81-117*
460-00-4	*Surrogate: SURR: p-Bromofluorobenzene*	*103 %*	*79-122*

Sample Information

Client Sample ID: 2010-01B **York Sample ID:** 23J1626-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23J1626	80 Banks Avenue Rockville Centre 12-190 DS	Ground Water	October 24, 2023 1:15 pm	10/25/2023

Volatile Organics, 8260 List - Low Level

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:	10/30/2023 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	10/30/2023 18:24	SMA
71-55-6	1,1,1-Trichloroethane	ND		ug/L	0.266	0.500	1	EPA 8260C Certifications:	10/30/2023 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	10/30/2023 18:24	SMA
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.256	0.500	1	EPA 8260C Certifications:	10/30/2023 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	10/30/2023 18:24	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:	10/30/2023 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	10/30/2023 18:24	SMA
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.249	0.500	1	EPA 8260C Certifications:	10/30/2023 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	10/30/2023 18:24	SMA
75-34-3	1,1-Dichloroethane	ND		ug/L	0.272	0.500	1	EPA 8260C Certifications:	10/30/2023 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	10/30/2023 18:24	SMA
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.327	0.500	1	EPA 8260C Certifications:	10/30/2023 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	10/30/2023 18:24	SMA
563-58-6	1,1-Dichloropropylene	ND		ug/L	0.314	0.500	1	EPA 8260C Certifications:	10/30/2023 09:00 NELAC-NY10854,NELAC-NY12058,NJDEP-CT005	10/30/2023 18:24	SMA
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	0.222	0.500	1	EPA 8260C Certifications:	10/30/2023 09:00 NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	10/30/2023 18:24	SMA
96-18-4	1,2,3-Trichloropropane	ND		ug/L	0.273	0.500	1	EPA 8260C Certifications:	10/30/2023 09:00 NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	10/30/2023 18:24	SMA
95-93-2	* 1,2,4,5-Tetramethylbenzene	ND		ug/L	0.255	0.500	1	EPA 8260C Certifications:	10/30/2023 09:00	10/30/2023 18:24	SMA

Sample Information

Client Sample ID: 2010-01B

York Sample ID: 23J1626-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23J1626	80 Banks Avenue Rockville Centre 12-190 DS	Ground Water	October 24, 2023 1:15 pm	10/25/2023

Volatile Organics, 8260 List - Low Level

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:	10/30/2023 09:00	10/30/2023 18:24	SMA NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04
95-63-6	**1,2,4-Trimethylbenzene**	**0.460**	J	ug/L	0.310	0.500	1	EPA 8260C Certifications:	10/30/2023 09:00	10/30/2023 18:24	SMA CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-C
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.432	0.500	1	EPA 8260C Certifications:	10/30/2023 09:00	10/30/2023 18:24	SMA CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
106-93-4	1,2-Dibromoethane	ND		ug/L	0.215	0.500	1	EPA 8260C Certifications:	10/30/2023 09:00	10/30/2023 18:24	SMA CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.270	0.500	1	EPA 8260C Certifications:	10/30/2023 09:00	10/30/2023 18:24	SMA CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
107-06-2	1,2-Dichloroethane	ND		ug/L	0.377	0.500	1	EPA 8260C Certifications:	10/30/2023 09:00	10/30/2023 18:24	SMA CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
78-87-5	1,2-Dichloropropane	ND		ug/L	0.327	0.500	1	EPA 8260C Certifications:	10/30/2023 09:00	10/30/2023 18:24	SMA CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	0.347	0.500	1	EPA 8260C Certifications:	10/30/2023 09:00	10/30/2023 18:24	SMA CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.283	0.500	1	EPA 8260C Certifications:	10/30/2023 09:00	10/30/2023 18:24	SMA CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
142-28-9	1,3-Dichloropropane	ND		ug/L	0.260	0.500	1	EPA 8260C Certifications:	10/30/2023 09:00	10/30/2023 18:24	SMA NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.311	0.500	1	EPA 8260C Certifications:	10/30/2023 09:00	10/30/2023 18:24	SMA CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
594-20-7	2,2-Dichloropropane	ND		ug/L	0.466	0.500	1	EPA 8260C Certifications:	10/30/2023 09:00	10/30/2023 18:24	SMA NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04
78-93-3	2-Butanone	ND		ug/L	0.421	0.500	1	EPA 8260C Certifications:	10/30/2023 09:00	10/30/2023 18:24	SMA CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
95-49-8	2-Chlorotoluene	ND		ug/L	0.376	0.500	1	EPA 8260C Certifications:	10/30/2023 09:00	10/30/2023 18:24	SMA CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
591-78-6	2-Hexanone	ND		ug/L	0.320	0.500	1	EPA 8260C Certifications:	10/30/2023 09:00	10/30/2023 18:24	SMA CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
106-43-4	4-Chlorotoluene	ND		ug/L	0.311	0.500	1	EPA 8260C Certifications:	10/30/2023 09:00	10/30/2023 18:24	SMA CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
108-10-1	4-Methyl-2-pentanone	ND		ug/L	0.365	0.500	1	EPA 8260C Certifications:	10/30/2023 09:00	10/30/2023 18:24	SMA CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
67-64-1	Acetone	ND		ug/L	1.34	2.00	1	EPA 8260C Certifications:	10/30/2023 09:00	10/30/2023 18:24	SMA CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
71-43-2	Benzene	ND		ug/L	0.279	0.500	1	EPA 8260C Certifications:	10/30/2023 09:00	10/30/2023 18:24	SMA CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
108-86-1	Bromobenzene	ND		ug/L	0.367	0.500	1	EPA 8260C Certifications:	10/30/2023 09:00	10/30/2023 18:24	SMA NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04
74-97-5	Bromochloromethane	ND		ug/L	0.354	0.500	1	EPA 8260C Certifications:	10/30/2023 09:00	10/30/2023 18:24	SMA NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04
75-27-4	Bromodichloromethane	ND		ug/L	0.245	0.500	1	EPA 8260C Certifications:	10/30/2023 09:00	10/30/2023 18:24	SMA CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
75-25-2	Bromoform	ND		ug/L	0.163	0.500	1	EPA 8260C Certifications:	10/30/2023 09:00	10/30/2023 18:24	SMA CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT

Sample Information

Client Sample ID: 2010-01B

York Sample ID: 23J1626-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23J1626	80 Banks Avenue Rockville Centre 12-190 DS	Ground Water	October 24, 2023 1:15 pm	10/25/2023

Volatile Organics, 8260 List - Low Level

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	CCVE	ug/L	0.119	0.500	1	EPA 8260C	10/30/2023 09:00	10/30/2023 18:24	SMA
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-15-0	Carbon disulfide	ND		ug/L	0.362	0.500	1	EPA 8260C	10/30/2023 09:00	10/30/2023 18:24	SMA
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
56-23-5	Carbon tetrachloride	ND		ug/L	0.204	0.500	1	EPA 8260C	10/30/2023 09:00	10/30/2023 18:24	SMA
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-90-7	Chlorobenzene	ND		ug/L	0.284	0.500	1	EPA 8260C	10/30/2023 09:00	10/30/2023 18:24	SMA
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-00-3	Chloroethane	ND		ug/L	0.448	0.500	1	EPA 8260C	10/30/2023 09:00	10/30/2023 18:24	SMA
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
67-66-3	Chloroform	ND		ug/L	0.243	0.500	1	EPA 8260C	10/30/2023 09:00	10/30/2023 18:24	SMA
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
74-87-3	Chloromethane	ND		ug/L	0.372	0.500	1	EPA 8260C	10/30/2023 09:00	10/30/2023 18:24	SMA
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
156-59-2	cis-1,2-Dichloroethylene	ND		ug/L	0.294	0.500	1	EPA 8260C	10/30/2023 09:00	10/30/2023 18:24	SMA
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.262	0.500	1	EPA 8260C	10/30/2023 09:00	10/30/2023 18:24	SMA
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
124-48-1	Dibromochloromethane	ND		ug/L	0.146	0.500	1	EPA 8260C	10/30/2023 09:00	10/30/2023 18:24	SMA
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
74-95-3	Dibromomethane	ND		ug/L	0.203	0.500	1	EPA 8260C	10/30/2023 09:00	10/30/2023 18:24	SMA
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
75-71-8	Dichlorodifluoromethane	ND	CCVE	ug/L	0.451	0.500	1	EPA 8260C	10/30/2023 09:00	10/30/2023 18:24	SMA
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
100-41-4	Ethyl Benzene	ND		ug/L	0.290	0.500	1	EPA 8260C	10/30/2023 09:00	10/30/2023 18:24	SMA
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
87-68-3	Hexachlorobutadiene	ND		ug/L	0.241	0.500	1	EPA 8260C	10/30/2023 09:00	10/30/2023 18:24	SMA
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
98-82-8	Isopropylbenzene	ND		ug/L	0.405	0.500	1	EPA 8260C	10/30/2023 09:00	10/30/2023 18:24	SMA
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.244	0.500	1	EPA 8260C	10/30/2023 09:00	10/30/2023 18:24	SMA
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-09-2	Methylene chloride	ND	CAL-E	ug/L	0.397	2.00	1	EPA 8260C	10/30/2023 09:00	10/30/2023 18:24	SMA
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
91-20-3	**Naphthalene**	**0.640**	J	ug/L	0.212	2.00	1	EPA 8260C	10/30/2023 09:00	10/30/2023 18:24	SMA
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
104-51-8	n-Butylbenzene	ND		ug/L	0.399	0.500	1	EPA 8260C	10/30/2023 09:00	10/30/2023 18:24	SMA
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
103-65-1	n-Propylbenzene	ND		ug/L	0.384	0.500	1	EPA 8260C	10/30/2023 09:00	10/30/2023 18:24	SMA
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
95-47-6	o-Xylene	ND		ug/L	0.261	0.500	1	EPA 8260C	10/30/2023 09:00	10/30/2023 18:24	SMA
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP-68		
179601-23-1	p- & m- Xylenes	ND		ug/L	0.578	1.00	1	EPA 8260C	10/30/2023 09:00	10/30/2023 18:24	SMA
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP-68		
105-05-5	* p-Diethylbenzene	ND		ug/L	0.341	0.500	1	EPA 8260C	10/30/2023 09:00	10/30/2023 18:24	SMA
								Certifications:			

Sample Information

Client Sample ID: 2010-01B **York Sample ID:** 23J1626-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23J1626	80 Banks Avenue Rockville Centre 12-190 DS	Ground Water	October 24, 2023 1:15 pm	10/25/2023

Volatile Organics, 8260 List - Low Level

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	QL-02	ug/L	0.200	0.500	1	EPA 8260C Certifications:	10/30/2023 09:00	10/30/2023 18:24	SMA
99-87-6	p-Isopropyltoluene	ND		ug/L	0.377	0.500	1	EPA 8260C Certifications:	10/30/2023 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	10/30/2023 18:24	SMA
135-98-8	sec-Butylbenzene	ND		ug/L	0.444	0.500	1	EPA 8260C Certifications:	10/30/2023 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	10/30/2023 18:24	SMA
100-42-5	Styrene	ND		ug/L	0.255	0.500	1	EPA 8260C Certifications:	10/30/2023 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	10/30/2023 18:24	SMA
98-06-6	tert-Butylbenzene	ND		ug/L	0.367	0.500	1	EPA 8260C Certifications:	10/30/2023 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	10/30/2023 18:24	SMA
127-18-4	Tetrachloroethylene	ND	CCVE, ICVE, QL-02	ug/L	0.239	0.500	1	EPA 8260C Certifications:	10/30/2023 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	10/30/2023 18:24	SMA
108-88-3	Toluene	ND		ug/L	0.346	0.500	1	EPA 8260C Certifications:	10/30/2023 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	10/30/2023 18:24	SMA
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.279	0.500	1	EPA 8260C Certifications:	10/30/2023 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	10/30/2023 18:24	SMA
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.229	0.500	1	EPA 8260C Certifications:	10/30/2023 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	10/30/2023 18:24	SMA
79-01-6	Trichloroethylene	ND		ug/L	0.249	0.500	1	EPA 8260C Certifications:	10/30/2023 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	10/30/2023 18:24	SMA
75-69-4	Trichlorofluoromethane	ND		ug/L	0.337	0.500	1	EPA 8260C Certifications:	10/30/2023 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	10/30/2023 18:24	SMA
75-01-4	Vinyl Chloride	ND		ug/L	0.469	0.500	1	EPA 8260C Certifications:	10/30/2023 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	10/30/2023 18:24	SMA
1330-20-7	Xylenes, Total	ND		ug/L	0.836	1.50	1	EPA 8260C Certifications:	10/30/2023 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	10/30/2023 18:24	SMA

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: SURR: 1,2-Dichloroethane-d4*	*98.6 %*	*69-130*
2037-26-5	*Surrogate: SURR: Toluene-d8*	*96.8 %*	*81-117*
460-00-4	*Surrogate: SURR: p-Bromofluorobenzene*	*94.1 %*	*79-122*

Sample Information

Client Sample ID: 2010-01C **York Sample ID:** 23J1626-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23J1626	80 Banks Avenue Rockville Centre 12-190 DS	Ground Water	October 24, 2023 1:30 pm	10/25/2023

Volatile Organics, 8260 List - Low Level

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: 2010-01C **York Sample ID:** 23J1626-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23J1626	80 Banks Avenue Rockville Centre 12-190 DS	Ground Water	October 24, 2023 1:30 pm	10/25/2023

Volatile Organics, 8260 List - Low Level

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:	10/31/2023 09:00	10/31/2023 12:29	SMA CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
71-55-6	1,1,1-Trichloroethane	ND		ug/L	0.266	0.500	1	EPA 8260C Certifications:	10/31/2023 09:00	10/31/2023 12:29	SMA CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.256	0.500	1	EPA 8260C Certifications:	10/31/2023 09:00	10/31/2023 12:29	SMA CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/L	0.286	0.500	1	EPA 8260C Certifications:	10/31/2023 09:00	10/31/2023 12:29	SMA CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.249	0.500	1	EPA 8260C Certifications:	10/31/2023 09:00	10/31/2023 12:29	SMA CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
75-34-3	1,1-Dichloroethane	ND		ug/L	0.272	0.500	1	EPA 8260C Certifications:	10/31/2023 09:00	10/31/2023 12:29	SMA CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.327	0.500	1	EPA 8260C Certifications:	10/31/2023 09:00	10/31/2023 12:29	SMA CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
563-58-6	1,1-Dichloropropylene	ND		ug/L	0.314	0.500	1	EPA 8260C Certifications:	10/31/2023 09:00	10/31/2023 12:29	SMA NELAC-NY10854,NELAC-NY12058,NJDEP-CT005
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	0.222	0.500	1	EPA 8260C Certifications:	10/31/2023 09:00	10/31/2023 12:29	SMA NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04
96-18-4	1,2,3-Trichloropropane	ND		ug/L	0.273	0.500	1	EPA 8260C Certifications:	10/31/2023 09:00	10/31/2023 12:29	SMA NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04
95-93-2	* 1,2,4,5-Tetramethylbenzene	ND		ug/L	0.255	0.500	1	EPA 8260C Certifications:	10/31/2023 09:00	10/31/2023 12:29	SMA
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.138	0.500	1	EPA 8260C Certifications:	10/31/2023 09:00	10/31/2023 12:29	SMA NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	0.310	0.500	1	EPA 8260C Certifications:	10/31/2023 09:00	10/31/2023 12:29	SMA CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.432	0.500	1	EPA 8260C Certifications:	10/31/2023 09:00	10/31/2023 12:29	SMA CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
106-93-4	1,2-Dibromoethane	ND		ug/L	0.215	0.500	1	EPA 8260C Certifications:	10/31/2023 09:00	10/31/2023 12:29	SMA CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.270	0.500	1	EPA 8260C Certifications:	10/31/2023 09:00	10/31/2023 12:29	SMA CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
107-06-2	1,2-Dichloroethane	ND		ug/L	0.377	0.500	1	EPA 8260C Certifications:	10/31/2023 09:00	10/31/2023 12:29	SMA CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
78-87-5	1,2-Dichloropropane	ND		ug/L	0.327	0.500	1	EPA 8260C Certifications:	10/31/2023 09:00	10/31/2023 12:29	SMA CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	0.347	0.500	1	EPA 8260C Certifications:	10/31/2023 09:00	10/31/2023 12:29	SMA CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.283	0.500	1	EPA 8260C Certifications:	10/31/2023 09:00	10/31/2023 12:29	SMA CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
142-28-9	1,3-Dichloropropane	ND		ug/L	0.260	0.500	1	EPA 8260C Certifications:	10/31/2023 09:00	10/31/2023 12:29	SMA NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.311	0.500	1	EPA 8260C Certifications:	10/31/2023 09:00	10/31/2023 12:29	SMA CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
594-20-7	2,2-Dichloropropane	ND		ug/L	0.466	0.500	1	EPA 8260C Certifications:	10/31/2023 09:00	10/31/2023 12:29	SMA NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04

Sample Information

Client Sample ID: 2010-01C

York Sample ID: 23J1626-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23J1626	80 Banks Avenue Rockville Centre 12-190 DS	Ground Water	October 24, 2023 1:30 pm	10/25/2023

Volatile Organics, 8260 List - Low Level

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:	10/31/2023 09:00	10/31/2023 12:29	SMA CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
95-49-8	2-Chlorotoluene	ND		ug/L	0.376	0.500	1	EPA 8260C Certifications:	10/31/2023 09:00	10/31/2023 12:29	SMA CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
591-78-6	2-Hexanone	ND		ug/L	0.320	0.500	1	EPA 8260C Certifications:	10/31/2023 09:00	10/31/2023 12:29	SMA CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
106-43-4	4-Chlorotoluene	ND		ug/L	0.311	0.500	1	EPA 8260C Certifications:	10/31/2023 09:00	10/31/2023 12:29	SMA CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
108-10-1	4-Methyl-2-pentanone	ND		ug/L	0.365	0.500	1	EPA 8260C Certifications:	10/31/2023 09:00	10/31/2023 12:29	SMA CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
67-64-1	Acetone	ND		ug/L	1.34	2.00	1	EPA 8260C Certifications:	10/31/2023 09:00	10/31/2023 12:29	SMA CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
71-43-2	Benzene	ND		ug/L	0.279	0.500	1	EPA 8260C Certifications:	10/31/2023 09:00	10/31/2023 12:29	SMA CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
108-86-1	Bromobenzene	ND		ug/L	0.367	0.500	1	EPA 8260C Certifications:	10/31/2023 09:00	10/31/2023 12:29	SMA NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04
74-97-5	Bromochloromethane	ND		ug/L	0.354	0.500	1	EPA 8260C Certifications:	10/31/2023 09:00	10/31/2023 12:29	SMA NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04
75-27-4	Bromodichloromethane	ND		ug/L	0.245	0.500	1	EPA 8260C Certifications:	10/31/2023 09:00	10/31/2023 12:29	SMA CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
75-25-2	Bromoform	ND		ug/L	0.163	0.500	1	EPA 8260C Certifications:	10/31/2023 09:00	10/31/2023 12:29	SMA CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
74-83-9	Bromomethane	ND	CCVE	ug/L	0.119	0.500	1	EPA 8260C Certifications:	10/31/2023 09:00	10/31/2023 12:29	SMA CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
75-15-0	Carbon disulfide	ND		ug/L	0.362	0.500	1	EPA 8260C Certifications:	10/31/2023 09:00	10/31/2023 12:29	SMA CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
56-23-5	Carbon tetrachloride	ND		ug/L	0.204	0.500	1	EPA 8260C Certifications:	10/31/2023 09:00	10/31/2023 12:29	SMA CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
108-90-7	Chlorobenzene	ND		ug/L	0.284	0.500	1	EPA 8260C Certifications:	10/31/2023 09:00	10/31/2023 12:29	SMA CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
75-00-3	Chloroethane	ND		ug/L	0.448	0.500	1	EPA 8260C Certifications:	10/31/2023 09:00	10/31/2023 12:29	SMA CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
67-66-3	**Chloroform**	**0.970**		ug/L	0.243	0.500	1	EPA 8260C Certifications:	10/31/2023 09:00	10/31/2023 12:29	SMA CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-C
74-87-3	Chloromethane	ND		ug/L	0.372	0.500	1	EPA 8260C Certifications:	10/31/2023 09:00	10/31/2023 12:29	SMA CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
156-59-2	cis-1,2-Dichloroethylene	ND		ug/L	0.294	0.500	1	EPA 8260C Certifications:	10/31/2023 09:00	10/31/2023 12:29	SMA CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.262	0.500	1	EPA 8260C Certifications:	10/31/2023 09:00	10/31/2023 12:29	SMA CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
124-48-1	Dibromochloromethane	ND		ug/L	0.146	0.500	1	EPA 8260C Certifications:	10/31/2023 09:00	10/31/2023 12:29	SMA CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
74-95-3	Dibromomethane	ND		ug/L	0.203	0.500	1	EPA 8260C Certifications:	10/31/2023 09:00	10/31/2023 12:29	SMA NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.451	0.500	1	EPA 8260C Certifications:	10/31/2023 09:00	10/31/2023 12:29	SMA NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04

Sample Information

Client Sample ID: 2010-01C

York Sample ID: 23J1626-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23J1626	80 Banks Avenue Rockville Centre 12-190 DS	Ground Water	October 24, 2023 1:30 pm	10/25/2023

Volatile Organics, 8260 List - Low Level

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:	10/31/2023 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	10/31/2023 12:29	SMA
87-68-3	Hexachlorobutadiene	ND		ug/L	0.241	0.500	1	EPA 8260C Certifications:	10/31/2023 09:00 NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	10/31/2023 12:29	SMA
98-82-8	Isopropylbenzene	ND		ug/L	0.405	0.500	1	EPA 8260C Certifications:	10/31/2023 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	10/31/2023 12:29	SMA
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.244	0.500	1	EPA 8260C Certifications:	10/31/2023 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	10/31/2023 12:29	SMA
75-09-2	Methylene chloride	ND	CAL-E	ug/L	0.397	2.00	1	EPA 8260C Certifications:	10/31/2023 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	10/31/2023 12:29	SMA
91-20-3	**Naphthalene**	**0.240**	J	ug/L	0.212	2.00	1	EPA 8260C Certifications:	10/31/2023 09:00 NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	10/31/2023 12:29	SMA
104-51-8	n-Butylbenzene	ND		ug/L	0.399	0.500	1	EPA 8260C Certifications:	10/31/2023 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	10/31/2023 12:29	SMA
103-65-1	n-Propylbenzene	ND		ug/L	0.384	0.500	1	EPA 8260C Certifications:	10/31/2023 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	10/31/2023 12:29	SMA
95-47-6	o-Xylene	ND		ug/L	0.261	0.500	1	EPA 8260C Certifications:	10/31/2023 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP-68	10/31/2023 12:29	SMA
179601-23-1	p- & m- Xylenes	ND		ug/L	0.578	1.00	1	EPA 8260C Certifications:	10/31/2023 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP-68	10/31/2023 12:29	SMA
105-05-5	* p-Diethylbenzene	ND		ug/L	0.341	0.500	1	EPA 8260C Certifications:	10/31/2023 09:00	10/31/2023 12:29	SMA
622-96-8	* p-Ethyltoluene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	10/31/2023 09:00	10/31/2023 12:29	SMA
99-87-6	p-Isopropyltoluene	ND		ug/L	0.377	0.500	1	EPA 8260C Certifications:	10/31/2023 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	10/31/2023 12:29	SMA
135-98-8	sec-Butylbenzene	ND		ug/L	0.444	0.500	1	EPA 8260C Certifications:	10/31/2023 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	10/31/2023 12:29	SMA
100-42-5	Styrene	ND		ug/L	0.255	0.500	1	EPA 8260C Certifications:	10/31/2023 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	10/31/2023 12:29	SMA
98-06-6	tert-Butylbenzene	ND		ug/L	0.367	0.500	1	EPA 8260C Certifications:	10/31/2023 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	10/31/2023 12:29	SMA
127-18-4	Tetrachloroethylene	ND	CCVE, ICVE, QL-02	ug/L	0.239	0.500	1	EPA 8260C Certifications:	10/31/2023 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	10/31/2023 12:29	SMA
108-88-3	Toluene	ND		ug/L	0.346	0.500	1	EPA 8260C Certifications:	10/31/2023 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	10/31/2023 12:29	SMA
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.279	0.500	1	EPA 8260C Certifications:	10/31/2023 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	10/31/2023 12:29	SMA
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.229	0.500	1	EPA 8260C Certifications:	10/31/2023 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	10/31/2023 12:29	SMA
79-01-6	Trichloroethylene	ND		ug/L	0.249	0.500	1	EPA 8260C Certifications:	10/31/2023 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	10/31/2023 12:29	SMA
75-69-4	Trichlorofluoromethane	ND		ug/L	0.337	0.500	1	EPA 8260C Certifications:	10/31/2023 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	10/31/2023 12:29	SMA
75-01-4	Vinyl Chloride	ND		ug/L	0.469	0.500	1	EPA 8260C Certifications:	10/31/2023 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	10/31/2023 12:29	SMA

Sample Information

Client Sample ID: 2010-01C **York Sample ID:** 23J1626-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23J1626	80 Banks Avenue Rockville Centre 12-190 DS	Ground Water	October 24, 2023 1:30 pm	10/25/2023

Volatile Organics, 8260 List - Low Level

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:	10/31/2023 09:00	10/31/2023 12:29 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	SMA

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: SURR: 1,2-Dichloroethane-d4*	*107 %*	*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: 2010-01D **York Sample ID:** 23J1626-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23J1626	80 Banks Avenue Rockville Centre 12-190 DS	Ground Water	October 24, 2023 1:45 pm	10/25/2023

Volatile Organics, 8260 List - Low Level

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:	10/31/2023 09:00	10/31/2023 12:55 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	SMA
71-55-6	1,1,1-Trichloroethane	ND		ug/L	0.266	0.500	1	EPA 8260C Certifications:	10/31/2023 09:00	10/31/2023 12:55 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	SMA
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.256	0.500	1	EPA 8260C Certifications:	10/31/2023 09:00	10/31/2023 12:55 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	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:	10/31/2023 09:00	10/31/2023 12:55 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	SMA
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.249	0.500	1	EPA 8260C Certifications:	10/31/2023 09:00	10/31/2023 12:55 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	SMA
75-34-3	1,1-Dichloroethane	ND		ug/L	0.272	0.500	1	EPA 8260C Certifications:	10/31/2023 09:00	10/31/2023 12:55 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	SMA
75-35-4	**1,1-Dichloroethylene**	**0.480**	J	ug/L	0.327	0.500	1	EPA 8260C Certifications:	10/31/2023 09:00	10/31/2023 12:55 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	SMA
563-58-6	1,1-Dichloropropylene	ND		ug/L	0.314	0.500	1	EPA 8260C Certifications:	10/31/2023 09:00	10/31/2023 12:55 NELAC-NY10854,NELAC-NY12058,NJDEP-CT005	SMA
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	0.222	0.500	1	EPA 8260C Certifications:	10/31/2023 09:00	10/31/2023 12:55 NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	SMA
96-18-4	1,2,3-Trichloropropane	ND		ug/L	0.273	0.500	1	EPA 8260C Certifications:	10/31/2023 09:00	10/31/2023 12:55 NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	SMA
95-93-2	* 1,2,4,5-Tetramethylbenzene	ND		ug/L	0.255	0.500	1	EPA 8260C Certifications:	10/31/2023 09:00	10/31/2023 12:55	SMA
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.138	0.500	1	EPA 8260C Certifications:	10/31/2023 09:00	10/31/2023 12:55 NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	SMA

Sample Information

Client Sample ID: 2010-01D

York Sample ID: 23J1626-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23J1626	80 Banks Avenue Rockville Centre 12-190 DS	Ground Water	October 24, 2023 1:45 pm	10/25/2023

Volatile Organics, 8260 List - Low Level

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:	10/31/2023 09:00	10/31/2023 12:55	SMA CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.432	0.500	1	EPA 8260C Certifications:	10/31/2023 09:00	10/31/2023 12:55	SMA CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
106-93-4	1,2-Dibromoethane	ND		ug/L	0.215	0.500	1	EPA 8260C Certifications:	10/31/2023 09:00	10/31/2023 12:55	SMA CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.270	0.500	1	EPA 8260C Certifications:	10/31/2023 09:00	10/31/2023 12:55	SMA CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
107-06-2	1,2-Dichloroethane	ND		ug/L	0.377	0.500	1	EPA 8260C Certifications:	10/31/2023 09:00	10/31/2023 12:55	SMA CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
78-87-5	1,2-Dichloropropane	ND		ug/L	0.327	0.500	1	EPA 8260C Certifications:	10/31/2023 09:00	10/31/2023 12:55	SMA CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	0.347	0.500	1	EPA 8260C Certifications:	10/31/2023 09:00	10/31/2023 12:55	SMA CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.283	0.500	1	EPA 8260C Certifications:	10/31/2023 09:00	10/31/2023 12:55	SMA CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
142-28-9	1,3-Dichloropropane	ND		ug/L	0.260	0.500	1	EPA 8260C Certifications:	10/31/2023 09:00	10/31/2023 12:55	SMA NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.311	0.500	1	EPA 8260C Certifications:	10/31/2023 09:00	10/31/2023 12:55	SMA CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
594-20-7	2,2-Dichloropropane	ND		ug/L	0.466	0.500	1	EPA 8260C Certifications:	10/31/2023 09:00	10/31/2023 12:55	SMA NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04
78-93-3	2-Butanone	ND		ug/L	0.421	0.500	1	EPA 8260C Certifications:	10/31/2023 09:00	10/31/2023 12:55	SMA CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
95-49-8	2-Chlorotoluene	ND		ug/L	0.376	0.500	1	EPA 8260C Certifications:	10/31/2023 09:00	10/31/2023 12:55	SMA CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
591-78-6	2-Hexanone	ND		ug/L	0.320	0.500	1	EPA 8260C Certifications:	10/31/2023 09:00	10/31/2023 12:55	SMA CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
106-43-4	4-Chlorotoluene	ND		ug/L	0.311	0.500	1	EPA 8260C Certifications:	10/31/2023 09:00	10/31/2023 12:55	SMA CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
108-10-1	4-Methyl-2-pentanone	ND		ug/L	0.365	0.500	1	EPA 8260C Certifications:	10/31/2023 09:00	10/31/2023 12:55	SMA CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
67-64-1	Acetone	ND		ug/L	1.34	2.00	1	EPA 8260C Certifications:	10/31/2023 09:00	10/31/2023 12:55	SMA CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
71-43-2	Benzene	ND		ug/L	0.279	0.500	1	EPA 8260C Certifications:	10/31/2023 09:00	10/31/2023 12:55	SMA CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
108-86-1	Bromobenzene	ND		ug/L	0.367	0.500	1	EPA 8260C Certifications:	10/31/2023 09:00	10/31/2023 12:55	SMA NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04
74-97-5	Bromochloromethane	ND		ug/L	0.354	0.500	1	EPA 8260C Certifications:	10/31/2023 09:00	10/31/2023 12:55	SMA NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04
75-27-4	Bromodichloromethane	ND		ug/L	0.245	0.500	1	EPA 8260C Certifications:	10/31/2023 09:00	10/31/2023 12:55	SMA CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
75-25-2	Bromoform	ND		ug/L	0.163	0.500	1	EPA 8260C Certifications:	10/31/2023 09:00	10/31/2023 12:55	SMA CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
74-83-9	Bromomethane	ND	CCVE	ug/L	0.119	0.500	1	EPA 8260C Certifications:	10/31/2023 09:00	10/31/2023 12:55	SMA CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT

Sample Information

Client Sample ID: 2010-01D

York Sample ID: 23J1626-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23J1626	80 Banks Avenue Rockville Centre 12-190 DS	Ground Water	October 24, 2023 1:45 pm	10/25/2023

Volatile Organics, 8260 List - Low Level

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:	10/31/2023 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	10/31/2023 12:55	SMA
56-23-5	Carbon tetrachloride	ND		ug/L	0.204	0.500	1	EPA 8260C Certifications:	10/31/2023 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	10/31/2023 12:55	SMA
108-90-7	Chlorobenzene	ND		ug/L	0.284	0.500	1	EPA 8260C Certifications:	10/31/2023 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	10/31/2023 12:55	SMA
75-00-3	Chloroethane	ND		ug/L	0.448	0.500	1	EPA 8260C Certifications:	10/31/2023 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	10/31/2023 12:55	SMA
67-66-3	Chloroform	ND		ug/L	0.243	0.500	1	EPA 8260C Certifications:	10/31/2023 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	10/31/2023 12:55	SMA
74-87-3	Chloromethane	ND		ug/L	0.372	0.500	1	EPA 8260C Certifications:	10/31/2023 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	10/31/2023 12:55	SMA
156-59-2	**cis-1,2-Dichloroethylene**	**85.1**		ug/L	1.47	2.50	5	EPA 8260C Certifications:	11/01/2023 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-C	11/01/2023 12:37	SMA
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.262	0.500	1	EPA 8260C Certifications:	10/31/2023 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	10/31/2023 12:55	SMA
124-48-1	Dibromochloromethane	ND		ug/L	0.146	0.500	1	EPA 8260C Certifications:	10/31/2023 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	10/31/2023 12:55	SMA
74-95-3	Dibromomethane	ND		ug/L	0.203	0.500	1	EPA 8260C Certifications:	10/31/2023 09:00 NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	10/31/2023 12:55	SMA
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.451	0.500	1	EPA 8260C Certifications:	10/31/2023 09:00 NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	10/31/2023 12:55	SMA
100-41-4	Ethyl Benzene	ND		ug/L	0.290	0.500	1	EPA 8260C Certifications:	10/31/2023 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	10/31/2023 12:55	SMA
87-68-3	Hexachlorobutadiene	ND		ug/L	0.241	0.500	1	EPA 8260C Certifications:	10/31/2023 09:00 NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	10/31/2023 12:55	SMA
98-82-8	Isopropylbenzene	ND		ug/L	0.405	0.500	1	EPA 8260C Certifications:	10/31/2023 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	10/31/2023 12:55	SMA
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.244	0.500	1	EPA 8260C Certifications:	10/31/2023 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	10/31/2023 12:55	SMA
75-09-2	Methylene chloride	ND	CAL-E	ug/L	0.397	2.00	1	EPA 8260C Certifications:	10/31/2023 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	10/31/2023 12:55	SMA
91-20-3	Naphthalene	ND		ug/L	0.212	2.00	1	EPA 8260C Certifications:	10/31/2023 09:00 NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	10/31/2023 12:55	SMA
104-51-8	n-Butylbenzene	ND		ug/L	0.399	0.500	1	EPA 8260C Certifications:	10/31/2023 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	10/31/2023 12:55	SMA
103-65-1	n-Propylbenzene	ND		ug/L	0.384	0.500	1	EPA 8260C Certifications:	10/31/2023 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	10/31/2023 12:55	SMA
95-47-6	o-Xylene	ND		ug/L	0.261	0.500	1	EPA 8260C Certifications:	10/31/2023 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP-68	10/31/2023 12:55	SMA
179601-23-1	p- & m- Xylenes	ND		ug/L	0.578	1.00	1	EPA 8260C Certifications:	10/31/2023 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP-68	10/31/2023 12:55	SMA
105-05-5	* p-Diethylbenzene	ND		ug/L	0.341	0.500	1	EPA 8260C Certifications:	10/31/2023 09:00	10/31/2023 12:55	SMA
622-96-8	* p-Ethyltoluene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	10/31/2023 09:00	10/31/2023 12:55	SMA

Sample Information

Client Sample ID: 2010-01D **York Sample ID:** 23J1626-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23J1626	80 Banks Avenue Rockville Centre 12-190 DS	Ground Water	October 24, 2023 1:45 pm	10/25/2023

Volatile Organics, 8260 List - Low Level

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	10/31/2023 09:00	10/31/2023 12:55	SMA
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
135-98-8	sec-Butylbenzene	ND		ug/L	0.444	0.500	1	EPA 8260C	10/31/2023 09:00	10/31/2023 12:55	SMA
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
100-42-5	Styrene	ND		ug/L	0.255	0.500	1	EPA 8260C	10/31/2023 09:00	10/31/2023 12:55	SMA
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
98-06-6	tert-Butylbenzene	ND		ug/L	0.367	0.500	1	EPA 8260C	10/31/2023 09:00	10/31/2023 12:55	SMA
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
127-18-4	**Tetrachloroethylene**	**81.6**	CCVE, ICVE, QL-02	ug/L	1.20	2.50	5	EPA 8260C	11/01/2023 09:00	11/01/2023 12:37	SMA
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-88-3	Toluene	ND		ug/L	0.346	0.500	1	EPA 8260C	10/31/2023 09:00	10/31/2023 12:55	SMA
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
156-60-5	**trans-1,2-Dichloroethylene**	**0.680**		ug/L	0.279	0.500	1	EPA 8260C	10/31/2023 09:00	10/31/2023 12:55	SMA
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.229	0.500	1	EPA 8260C	10/31/2023 09:00	10/31/2023 12:55	SMA
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
79-01-6	**Trichloroethylene**	**16.6**		ug/L	0.249	0.500	1	EPA 8260C	10/31/2023 09:00	10/31/2023 12:55	SMA
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-69-4	Trichlorofluoromethane	ND		ug/L	0.337	0.500	1	EPA 8260C	10/31/2023 09:00	10/31/2023 12:55	SMA
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-01-4	**Vinyl Chloride**	**3.83**		ug/L	0.469	0.500	1	EPA 8260C	10/31/2023 09:00	10/31/2023 12:55	SMA
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
1330-20-7	Xylenes, Total	ND		ug/L	0.836	1.50	1	EPA 8260C	10/31/2023 09:00	10/31/2023 12:55	SMA
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: SURR: 1,2-Dichloroethane-d4*	*107 %*	*69-130*
2037-26-5	*Surrogate: SURR: Toluene-d8*	*95.1 %*	*81-117*
460-00-4	*Surrogate: SURR: p-Bromofluorobenzene*	*91.3 %*	*79-122*

Sample Information

Client Sample ID: 2010-02A **York Sample ID:** 23J1626-05

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23J1626	80 Banks Avenue Rockville Centre 12-190 DS	Ground Water	October 24, 2023 12:30 pm	10/25/2023

Volatile Organics, 8260 List - Low Level

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: 2010-02A

York Sample ID: 23J1626-05

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23J1626	80 Banks Avenue Rockville Centre 12-190 DS	Ground Water	October 24, 2023 12:30 pm	10/25/2023

Volatile Organics, 8260 List - Low Level

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:	10/31/2023 09:00	10/31/2023 13:22	SMA CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
71-55-6	1,1,1-Trichloroethane	ND		ug/L	0.266	0.500	1	EPA 8260C Certifications:	10/31/2023 09:00	10/31/2023 13:22	SMA CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.256	0.500	1	EPA 8260C Certifications:	10/31/2023 09:00	10/31/2023 13:22	SMA CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/L	0.286	0.500	1	EPA 8260C Certifications:	10/31/2023 09:00	10/31/2023 13:22	SMA CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.249	0.500	1	EPA 8260C Certifications:	10/31/2023 09:00	10/31/2023 13:22	SMA CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
75-34-3	1,1-Dichloroethane	ND		ug/L	0.272	0.500	1	EPA 8260C Certifications:	10/31/2023 09:00	10/31/2023 13:22	SMA CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.327	0.500	1	EPA 8260C Certifications:	10/31/2023 09:00	10/31/2023 13:22	SMA CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
563-58-6	1,1-Dichloropropylene	ND		ug/L	0.314	0.500	1	EPA 8260C Certifications:	10/31/2023 09:00	10/31/2023 13:22	SMA NELAC-NY10854,NELAC-NY12058,NJDEP-CT005
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	0.222	0.500	1	EPA 8260C Certifications:	10/31/2023 09:00	10/31/2023 13:22	SMA NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04
96-18-4	1,2,3-Trichloropropane	ND		ug/L	0.273	0.500	1	EPA 8260C Certifications:	10/31/2023 09:00	10/31/2023 13:22	SMA NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04
95-93-2	* 1,2,4,5-Tetramethylbenzene	ND		ug/L	0.255	0.500	1	EPA 8260C Certifications:	10/31/2023 09:00	10/31/2023 13:22	SMA
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.138	0.500	1	EPA 8260C Certifications:	10/31/2023 09:00	10/31/2023 13:22	SMA NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	0.310	0.500	1	EPA 8260C Certifications:	10/31/2023 09:00	10/31/2023 13:22	SMA CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.432	0.500	1	EPA 8260C Certifications:	10/31/2023 09:00	10/31/2023 13:22	SMA CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
106-93-4	1,2-Dibromoethane	ND		ug/L	0.215	0.500	1	EPA 8260C Certifications:	10/31/2023 09:00	10/31/2023 13:22	SMA CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.270	0.500	1	EPA 8260C Certifications:	10/31/2023 09:00	10/31/2023 13:22	SMA CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
107-06-2	1,2-Dichloroethane	ND		ug/L	0.377	0.500	1	EPA 8260C Certifications:	10/31/2023 09:00	10/31/2023 13:22	SMA CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
78-87-5	1,2-Dichloropropane	ND		ug/L	0.327	0.500	1	EPA 8260C Certifications:	10/31/2023 09:00	10/31/2023 13:22	SMA CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	0.347	0.500	1	EPA 8260C Certifications:	10/31/2023 09:00	10/31/2023 13:22	SMA CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.283	0.500	1	EPA 8260C Certifications:	10/31/2023 09:00	10/31/2023 13:22	SMA CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
142-28-9	1,3-Dichloropropane	ND		ug/L	0.260	0.500	1	EPA 8260C Certifications:	10/31/2023 09:00	10/31/2023 13:22	SMA NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.311	0.500	1	EPA 8260C Certifications:	10/31/2023 09:00	10/31/2023 13:22	SMA CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
594-20-7	2,2-Dichloropropane	ND		ug/L	0.466	0.500	1	EPA 8260C Certifications:	10/31/2023 09:00	10/31/2023 13:22	SMA NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04

Sample Information

Client Sample ID: 2010-02A

York Sample ID: 23J1626-05

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23J1626	80 Banks Avenue Rockville Centre 12-190 DS	Ground Water	October 24, 2023 12:30 pm	10/25/2023

Volatile Organics, 8260 List - Low Level

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:	10/31/2023 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	10/31/2023 13:22	SMA
95-49-8	2-Chlorotoluene	ND		ug/L	0.376	0.500	1	EPA 8260C Certifications:	10/31/2023 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	10/31/2023 13:22	SMA
591-78-6	2-Hexanone	ND		ug/L	0.320	0.500	1	EPA 8260C Certifications:	10/31/2023 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	10/31/2023 13:22	SMA
106-43-4	4-Chlorotoluene	ND		ug/L	0.311	0.500	1	EPA 8260C Certifications:	10/31/2023 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	10/31/2023 13:22	SMA
108-10-1	4-Methyl-2-pentanone	ND		ug/L	0.365	0.500	1	EPA 8260C Certifications:	10/31/2023 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	10/31/2023 13:22	SMA
67-64-1	Acetone	ND		ug/L	1.34	2.00	1	EPA 8260C Certifications:	10/31/2023 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	10/31/2023 13:22	SMA
71-43-2	Benzene	ND		ug/L	0.279	0.500	1	EPA 8260C Certifications:	10/31/2023 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	10/31/2023 13:22	SMA
108-86-1	Bromobenzene	ND		ug/L	0.367	0.500	1	EPA 8260C Certifications:	10/31/2023 09:00 NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	10/31/2023 13:22	SMA
74-97-5	Bromochloromethane	ND		ug/L	0.354	0.500	1	EPA 8260C Certifications:	10/31/2023 09:00 NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	10/31/2023 13:22	SMA
75-27-4	Bromodichloromethane	ND		ug/L	0.245	0.500	1	EPA 8260C Certifications:	10/31/2023 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	10/31/2023 13:22	SMA
75-25-2	Bromoform	ND		ug/L	0.163	0.500	1	EPA 8260C Certifications:	10/31/2023 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	10/31/2023 13:22	SMA
74-83-9	Bromomethane	ND	CCVE	ug/L	0.119	0.500	1	EPA 8260C Certifications:	10/31/2023 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	10/31/2023 13:22	SMA
75-15-0	Carbon disulfide	ND		ug/L	0.362	0.500	1	EPA 8260C Certifications:	10/31/2023 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	10/31/2023 13:22	SMA
56-23-5	Carbon tetrachloride	ND		ug/L	0.204	0.500	1	EPA 8260C Certifications:	10/31/2023 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	10/31/2023 13:22	SMA
108-90-7	Chlorobenzene	ND		ug/L	0.284	0.500	1	EPA 8260C Certifications:	10/31/2023 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	10/31/2023 13:22	SMA
75-00-3	Chloroethane	ND		ug/L	0.448	0.500	1	EPA 8260C Certifications:	10/31/2023 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	10/31/2023 13:22	SMA
67-66-3	Chloroform	ND		ug/L	0.243	0.500	1	EPA 8260C Certifications:	10/31/2023 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	10/31/2023 13:22	SMA
74-87-3	Chloromethane	ND		ug/L	0.372	0.500	1	EPA 8260C Certifications:	10/31/2023 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	10/31/2023 13:22	SMA
156-59-2	cis-1,2-Dichloroethylene	ND		ug/L	0.294	0.500	1	EPA 8260C Certifications:	10/31/2023 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	10/31/2023 13:22	SMA
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.262	0.500	1	EPA 8260C Certifications:	10/31/2023 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	10/31/2023 13:22	SMA
124-48-1	Dibromochloromethane	ND		ug/L	0.146	0.500	1	EPA 8260C Certifications:	10/31/2023 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	10/31/2023 13:22	SMA
74-95-3	Dibromomethane	ND		ug/L	0.203	0.500	1	EPA 8260C Certifications:	10/31/2023 09:00 NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	10/31/2023 13:22	SMA
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.451	0.500	1	EPA 8260C Certifications:	10/31/2023 09:00 NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	10/31/2023 13:22	SMA

Sample Information

Client Sample ID: 2010-02A **York Sample ID:** 23J1626-05

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23J1626	80 Banks Avenue Rockville Centre 12-190 DS	Ground Water	October 24, 2023 12:30 pm	10/25/2023

Volatile Organics, 8260 List - Low Level

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:	10/31/2023 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	10/31/2023 13:22	SMA
87-68-3	Hexachlorobutadiene	ND		ug/L	0.241	0.500	1	EPA 8260C Certifications:	10/31/2023 09:00 NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	10/31/2023 13:22	SMA
98-82-8	Isopropylbenzene	ND		ug/L	0.405	0.500	1	EPA 8260C Certifications:	10/31/2023 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	10/31/2023 13:22	SMA
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.244	0.500	1	EPA 8260C Certifications:	10/31/2023 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	10/31/2023 13:22	SMA
75-09-2	Methylene chloride	ND	CAL-E	ug/L	0.397	2.00	1	EPA 8260C Certifications:	10/31/2023 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	10/31/2023 13:22	SMA
91-20-3	Naphthalene	ND		ug/L	0.212	2.00	1	EPA 8260C Certifications:	10/31/2023 09:00 NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	10/31/2023 13:22	SMA
104-51-8	n-Butylbenzene	ND		ug/L	0.399	0.500	1	EPA 8260C Certifications:	10/31/2023 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	10/31/2023 13:22	SMA
103-65-1	n-Propylbenzene	ND		ug/L	0.384	0.500	1	EPA 8260C Certifications:	10/31/2023 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	10/31/2023 13:22	SMA
95-47-6	o-Xylene	ND		ug/L	0.261	0.500	1	EPA 8260C Certifications:	10/31/2023 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP-68	10/31/2023 13:22	SMA
179601-23-1	p- & m- Xylenes	ND		ug/L	0.578	1.00	1	EPA 8260C Certifications:	10/31/2023 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP-68	10/31/2023 13:22	SMA
105-05-5	* p-Diethylbenzene	ND		ug/L	0.341	0.500	1	EPA 8260C Certifications:	10/31/2023 09:00	10/31/2023 13:22	SMA
622-96-8	* p-Ethyltoluene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	10/31/2023 09:00	10/31/2023 13:22	SMA
99-87-6	p-Isopropyltoluene	ND		ug/L	0.377	0.500	1	EPA 8260C Certifications:	10/31/2023 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	10/31/2023 13:22	SMA
135-98-8	sec-Butylbenzene	ND		ug/L	0.444	0.500	1	EPA 8260C Certifications:	10/31/2023 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	10/31/2023 13:22	SMA
100-42-5	Styrene	ND		ug/L	0.255	0.500	1	EPA 8260C Certifications:	10/31/2023 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	10/31/2023 13:22	SMA
98-06-6	tert-Butylbenzene	ND		ug/L	0.367	0.500	1	EPA 8260C Certifications:	10/31/2023 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	10/31/2023 13:22	SMA
127-18-4	**Tetrachloroethylene**	**0.280**	J, CCVE, ICVE, QL-02	ug/L	0.239	0.500	1	EPA 8260C Certifications:	10/31/2023 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-C	10/31/2023 13:22	SMA
108-88-3	Toluene	ND		ug/L	0.346	0.500	1	EPA 8260C Certifications:	10/31/2023 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	10/31/2023 13:22	SMA
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.279	0.500	1	EPA 8260C Certifications:	10/31/2023 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	10/31/2023 13:22	SMA
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.229	0.500	1	EPA 8260C Certifications:	10/31/2023 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	10/31/2023 13:22	SMA
79-01-6	Trichloroethylene	ND		ug/L	0.249	0.500	1	EPA 8260C Certifications:	10/31/2023 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	10/31/2023 13:22	SMA
75-69-4	Trichlorofluoromethane	ND		ug/L	0.337	0.500	1	EPA 8260C Certifications:	10/31/2023 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	10/31/2023 13:22	SMA
75-01-4	Vinyl Chloride	ND		ug/L	0.469	0.500	1	EPA 8260C Certifications:	10/31/2023 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	10/31/2023 13:22	SMA

Sample Information

Client Sample ID: 2010-02A **York Sample ID:** 23J1626-05

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23J1626	80 Banks Avenue Rockville Centre 12-190 DS	Ground Water	October 24, 2023 12:30 pm	10/25/2023

Volatile Organics, 8260 List - Low Level

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:	10/31/2023 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	10/31/2023 13:22	SMA

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: SURR: 1,2-Dichloroethane-d4*	*106 %*	*69-130*
2037-26-5	*Surrogate: SURR: Toluene-d8*	*95.6 %*	*81-117*
460-00-4	*Surrogate: SURR: p-Bromofluorobenzene*	*99.5 %*	*79-122*

Sample Information

Client Sample ID: 2010-02B **York Sample ID:** 23J1626-06

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23J1626	80 Banks Avenue Rockville Centre 12-190 DS	Ground Water	October 24, 2023 12:00 pm	10/25/2023

Volatile Organics, 8260 List - Low Level

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:	10/31/2023 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	10/31/2023 13:49	SMA
71-55-6	1,1,1-Trichloroethane	ND		ug/L	0.266	0.500	1	EPA 8260C Certifications:	10/31/2023 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	10/31/2023 13:49	SMA
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.256	0.500	1	EPA 8260C Certifications:	10/31/2023 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	10/31/2023 13:49	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:	10/31/2023 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	10/31/2023 13:49	SMA
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.249	0.500	1	EPA 8260C Certifications:	10/31/2023 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	10/31/2023 13:49	SMA
75-34-3	1,1-Dichloroethane	ND		ug/L	0.272	0.500	1	EPA 8260C Certifications:	10/31/2023 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	10/31/2023 13:49	SMA
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.327	0.500	1	EPA 8260C Certifications:	10/31/2023 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	10/31/2023 13:49	SMA
563-58-6	1,1-Dichloropropylene	ND		ug/L	0.314	0.500	1	EPA 8260C Certifications:	10/31/2023 09:00 NELAC-NY10854,NELAC-NY12058,NJDEP-CT005	10/31/2023 13:49	SMA
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	0.222	0.500	1	EPA 8260C Certifications:	10/31/2023 09:00 NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	10/31/2023 13:49	SMA
96-18-4	1,2,3-Trichloropropane	ND		ug/L	0.273	0.500	1	EPA 8260C Certifications:	10/31/2023 09:00 NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	10/31/2023 13:49	SMA
95-93-2	* 1,2,4,5-Tetramethylbenzene	ND		ug/L	0.255	0.500	1	EPA 8260C Certifications:	10/31/2023 09:00	10/31/2023 13:49	SMA
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.138	0.500	1	EPA 8260C Certifications:	10/31/2023 09:00 NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	10/31/2023 13:49	SMA

Sample Information

Client Sample ID: 2010-02B

York Sample ID: 23J1626-06

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23J1626	80 Banks Avenue Rockville Centre 12-190 DS	Ground Water	October 24, 2023 12:00 pm	10/25/2023

Volatile Organics, 8260 List - Low Level

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:	10/31/2023 09:00	10/31/2023 13:49	SMA CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.432	0.500	1	EPA 8260C Certifications:	10/31/2023 09:00	10/31/2023 13:49	SMA CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
106-93-4	1,2-Dibromoethane	ND		ug/L	0.215	0.500	1	EPA 8260C Certifications:	10/31/2023 09:00	10/31/2023 13:49	SMA CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.270	0.500	1	EPA 8260C Certifications:	10/31/2023 09:00	10/31/2023 13:49	SMA CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
107-06-2	1,2-Dichloroethane	ND		ug/L	0.377	0.500	1	EPA 8260C Certifications:	10/31/2023 09:00	10/31/2023 13:49	SMA CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
78-87-5	1,2-Dichloropropane	ND		ug/L	0.327	0.500	1	EPA 8260C Certifications:	10/31/2023 09:00	10/31/2023 13:49	SMA CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	0.347	0.500	1	EPA 8260C Certifications:	10/31/2023 09:00	10/31/2023 13:49	SMA CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.283	0.500	1	EPA 8260C Certifications:	10/31/2023 09:00	10/31/2023 13:49	SMA CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
142-28-9	1,3-Dichloropropane	ND		ug/L	0.260	0.500	1	EPA 8260C Certifications:	10/31/2023 09:00	10/31/2023 13:49	SMA NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.311	0.500	1	EPA 8260C Certifications:	10/31/2023 09:00	10/31/2023 13:49	SMA CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
594-20-7	2,2-Dichloropropane	ND		ug/L	0.466	0.500	1	EPA 8260C Certifications:	10/31/2023 09:00	10/31/2023 13:49	SMA NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04
78-93-3	2-Butanone	ND		ug/L	0.421	0.500	1	EPA 8260C Certifications:	10/31/2023 09:00	10/31/2023 13:49	SMA CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
95-49-8	2-Chlorotoluene	ND		ug/L	0.376	0.500	1	EPA 8260C Certifications:	10/31/2023 09:00	10/31/2023 13:49	SMA CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
591-78-6	2-Hexanone	ND		ug/L	0.320	0.500	1	EPA 8260C Certifications:	10/31/2023 09:00	10/31/2023 13:49	SMA CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
106-43-4	4-Chlorotoluene	ND		ug/L	0.311	0.500	1	EPA 8260C Certifications:	10/31/2023 09:00	10/31/2023 13:49	SMA CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
108-10-1	4-Methyl-2-pentanone	ND		ug/L	0.365	0.500	1	EPA 8260C Certifications:	10/31/2023 09:00	10/31/2023 13:49	SMA CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
67-64-1	Acetone	ND		ug/L	1.34	2.00	1	EPA 8260C Certifications:	10/31/2023 09:00	10/31/2023 13:49	SMA CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
71-43-2	Benzene	ND		ug/L	0.279	0.500	1	EPA 8260C Certifications:	10/31/2023 09:00	10/31/2023 13:49	SMA CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
108-86-1	Bromobenzene	ND		ug/L	0.367	0.500	1	EPA 8260C Certifications:	10/31/2023 09:00	10/31/2023 13:49	SMA NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04
74-97-5	Bromochloromethane	ND		ug/L	0.354	0.500	1	EPA 8260C Certifications:	10/31/2023 09:00	10/31/2023 13:49	SMA NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04
75-27-4	Bromodichloromethane	ND		ug/L	0.245	0.500	1	EPA 8260C Certifications:	10/31/2023 09:00	10/31/2023 13:49	SMA CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
75-25-2	Bromoform	ND		ug/L	0.163	0.500	1	EPA 8260C Certifications:	10/31/2023 09:00	10/31/2023 13:49	SMA CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
74-83-9	Bromomethane	ND	CCVE	ug/L	0.119	0.500	1	EPA 8260C Certifications:	10/31/2023 09:00	10/31/2023 13:49	SMA CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT

Sample Information

Client Sample ID: 2010-02B

York Sample ID: 23J1626-06

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23J1626	80 Banks Avenue Rockville Centre 12-190 DS	Ground Water	October 24, 2023 12:00 pm	10/25/2023

Volatile Organics, 8260 List - Low Level

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:	10/31/2023 09:00	10/31/2023 13:49	SMA CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
56-23-5	Carbon tetrachloride	ND		ug/L	0.204	0.500	1	EPA 8260C Certifications:	10/31/2023 09:00	10/31/2023 13:49	SMA CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
108-90-7	Chlorobenzene	ND		ug/L	0.284	0.500	1	EPA 8260C Certifications:	10/31/2023 09:00	10/31/2023 13:49	SMA CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
75-00-3	Chloroethane	ND		ug/L	0.448	0.500	1	EPA 8260C Certifications:	10/31/2023 09:00	10/31/2023 13:49	SMA CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
67-66-3	Chloroform	ND		ug/L	0.243	0.500	1	EPA 8260C Certifications:	10/31/2023 09:00	10/31/2023 13:49	SMA CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
74-87-3	Chloromethane	ND		ug/L	0.372	0.500	1	EPA 8260C Certifications:	10/31/2023 09:00	10/31/2023 13:49	SMA CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
156-59-2	cis-1,2-Dichloroethylene	ND		ug/L	0.294	0.500	1	EPA 8260C Certifications:	10/31/2023 09:00	10/31/2023 13:49	SMA CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.262	0.500	1	EPA 8260C Certifications:	10/31/2023 09:00	10/31/2023 13:49	SMA CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
124-48-1	Dibromochloromethane	ND		ug/L	0.146	0.500	1	EPA 8260C Certifications:	10/31/2023 09:00	10/31/2023 13:49	SMA CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
74-95-3	Dibromomethane	ND		ug/L	0.203	0.500	1	EPA 8260C Certifications:	10/31/2023 09:00	10/31/2023 13:49	SMA NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.451	0.500	1	EPA 8260C Certifications:	10/31/2023 09:00	10/31/2023 13:49	SMA NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04
100-41-4	Ethyl Benzene	ND		ug/L	0.290	0.500	1	EPA 8260C Certifications:	10/31/2023 09:00	10/31/2023 13:49	SMA CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
87-68-3	Hexachlorobutadiene	ND		ug/L	0.241	0.500	1	EPA 8260C Certifications:	10/31/2023 09:00	10/31/2023 13:49	SMA NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04
98-82-8	Isopropylbenzene	ND		ug/L	0.405	0.500	1	EPA 8260C Certifications:	10/31/2023 09:00	10/31/2023 13:49	SMA CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.244	0.500	1	EPA 8260C Certifications:	10/31/2023 09:00	10/31/2023 13:49	SMA CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
75-09-2	Methylene chloride	ND	CAL-E	ug/L	0.397	2.00	1	EPA 8260C Certifications:	10/31/2023 09:00	10/31/2023 13:49	SMA CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
91-20-3	Naphthalene	ND		ug/L	0.212	2.00	1	EPA 8260C Certifications:	10/31/2023 09:00	10/31/2023 13:49	SMA NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04
104-51-8	n-Butylbenzene	ND		ug/L	0.399	0.500	1	EPA 8260C Certifications:	10/31/2023 09:00	10/31/2023 13:49	SMA CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
103-65-1	n-Propylbenzene	ND		ug/L	0.384	0.500	1	EPA 8260C Certifications:	10/31/2023 09:00	10/31/2023 13:49	SMA CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
95-47-6	o-Xylene	ND		ug/L	0.261	0.500	1	EPA 8260C Certifications:	10/31/2023 09:00	10/31/2023 13:49	SMA CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP-68
179601-23-1	p- & m- Xylenes	ND		ug/L	0.578	1.00	1	EPA 8260C Certifications:	10/31/2023 09:00	10/31/2023 13:49	SMA CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP-68
105-05-5	* p-Diethylbenzene	ND		ug/L	0.341	0.500	1	EPA 8260C Certifications:	10/31/2023 09:00	10/31/2023 13:49	SMA
622-96-8	* p-Ethyltoluene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	10/31/2023 09:00	10/31/2023 13:49	SMA

Sample Information

Client Sample ID: 2010-02B **York Sample ID:** 23J1626-06

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23J1626	80 Banks Avenue Rockville Centre 12-190 DS	Ground Water	October 24, 2023 12:00 pm	10/25/2023

Volatile Organics, 8260 List - Low Level

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:	10/31/2023 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	10/31/2023 13:49	SMA
135-98-8	sec-Butylbenzene	ND		ug/L	0.444	0.500	1	EPA 8260C Certifications:	10/31/2023 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	10/31/2023 13:49	SMA
100-42-5	Styrene	ND		ug/L	0.255	0.500	1	EPA 8260C Certifications:	10/31/2023 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	10/31/2023 13:49	SMA
98-06-6	tert-Butylbenzene	ND		ug/L	0.367	0.500	1	EPA 8260C Certifications:	10/31/2023 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	10/31/2023 13:49	SMA
127-18-4	Tetrachloroethylene	ND	CCVE, ICVE, QL-02	ug/L	0.239	0.500	1	EPA 8260C Certifications:	10/31/2023 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	10/31/2023 13:49	SMA
108-88-3	Toluene	ND		ug/L	0.346	0.500	1	EPA 8260C Certifications:	10/31/2023 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	10/31/2023 13:49	SMA
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.279	0.500	1	EPA 8260C Certifications:	10/31/2023 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	10/31/2023 13:49	SMA
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.229	0.500	1	EPA 8260C Certifications:	10/31/2023 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	10/31/2023 13:49	SMA
79-01-6	Trichloroethylene	ND		ug/L	0.249	0.500	1	EPA 8260C Certifications:	10/31/2023 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	10/31/2023 13:49	SMA
75-69-4	Trichlorofluoromethane	ND		ug/L	0.337	0.500	1	EPA 8260C Certifications:	10/31/2023 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	10/31/2023 13:49	SMA
75-01-4	Vinyl Chloride	ND		ug/L	0.469	0.500	1	EPA 8260C Certifications:	10/31/2023 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	10/31/2023 13:49	SMA
1330-20-7	Xylenes, Total	ND		ug/L	0.836	1.50	1	EPA 8260C Certifications:	10/31/2023 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	10/31/2023 13:49	SMA

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: SURR: 1,2-Dichloroethane-d4*	*108 %*	*69-130*
2037-26-5	*Surrogate: SURR: Toluene-d8*	*87.7 %*	*81-117*
460-00-4	*Surrogate: SURR: p-Bromofluorobenzene*	*93.7 %*	*79-122*

Sample Information

Client Sample ID: 2010-02C **York Sample ID:** 23J1626-07

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23J1626	80 Banks Avenue Rockville Centre 12-190 DS	Ground Water	October 24, 2023 12:50 pm	10/25/2023

Volatile Organics, 8260 List - Low Level

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:	10/31/2023 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	10/31/2023 14:15	SMA

Sample Information

Client Sample ID: 2010-02C **York Sample ID:** 23J1626-07

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23J1626	80 Banks Avenue Rockville Centre 12-190 DS	Ground Water	October 24, 2023 12:50 pm	10/25/2023

Volatile Organics, 8260 List - Low Level

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:	10/31/2023 09:00	10/31/2023 14:15	SMA CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.256	0.500	1	EPA 8260C Certifications:	10/31/2023 09:00	10/31/2023 14:15	SMA CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/L	0.286	0.500	1	EPA 8260C Certifications:	10/31/2023 09:00	10/31/2023 14:15	SMA CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.249	0.500	1	EPA 8260C Certifications:	10/31/2023 09:00	10/31/2023 14:15	SMA CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
75-34-3	1,1-Dichloroethane	ND		ug/L	0.272	0.500	1	EPA 8260C Certifications:	10/31/2023 09:00	10/31/2023 14:15	SMA CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.327	0.500	1	EPA 8260C Certifications:	10/31/2023 09:00	10/31/2023 14:15	SMA CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
563-58-6	1,1-Dichloropropylene	ND		ug/L	0.314	0.500	1	EPA 8260C Certifications:	10/31/2023 09:00	10/31/2023 14:15	SMA NELAC-NY10854,NELAC-NY12058,NJDEP-CT005
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	0.222	0.500	1	EPA 8260C Certifications:	10/31/2023 09:00	10/31/2023 14:15	SMA NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04
96-18-4	1,2,3-Trichloropropane	ND		ug/L	0.273	0.500	1	EPA 8260C Certifications:	10/31/2023 09:00	10/31/2023 14:15	SMA NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04
95-93-2	* 1,2,4,5-Tetramethylbenzene	ND		ug/L	0.255	0.500	1	EPA 8260C Certifications:	10/31/2023 09:00	10/31/2023 14:15	SMA
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.138	0.500	1	EPA 8260C Certifications:	10/31/2023 09:00	10/31/2023 14:15	SMA NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	0.310	0.500	1	EPA 8260C Certifications:	10/31/2023 09:00	10/31/2023 14:15	SMA CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.432	0.500	1	EPA 8260C Certifications:	10/31/2023 09:00	10/31/2023 14:15	SMA CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
106-93-4	1,2-Dibromoethane	ND		ug/L	0.215	0.500	1	EPA 8260C Certifications:	10/31/2023 09:00	10/31/2023 14:15	SMA CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.270	0.500	1	EPA 8260C Certifications:	10/31/2023 09:00	10/31/2023 14:15	SMA CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
107-06-2	1,2-Dichloroethane	ND		ug/L	0.377	0.500	1	EPA 8260C Certifications:	10/31/2023 09:00	10/31/2023 14:15	SMA CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
78-87-5	1,2-Dichloropropane	ND		ug/L	0.327	0.500	1	EPA 8260C Certifications:	10/31/2023 09:00	10/31/2023 14:15	SMA CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	0.347	0.500	1	EPA 8260C Certifications:	10/31/2023 09:00	10/31/2023 14:15	SMA CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.283	0.500	1	EPA 8260C Certifications:	10/31/2023 09:00	10/31/2023 14:15	SMA CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
142-28-9	1,3-Dichloropropane	ND		ug/L	0.260	0.500	1	EPA 8260C Certifications:	10/31/2023 09:00	10/31/2023 14:15	SMA NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.311	0.500	1	EPA 8260C Certifications:	10/31/2023 09:00	10/31/2023 14:15	SMA CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
594-20-7	2,2-Dichloropropane	ND		ug/L	0.466	0.500	1	EPA 8260C Certifications:	10/31/2023 09:00	10/31/2023 14:15	SMA NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04
78-93-3	2-Butanone	ND		ug/L	0.421	0.500	1	EPA 8260C Certifications:	10/31/2023 09:00	10/31/2023 14:15	SMA CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT

Sample Information

Client Sample ID: 2010-02C

York Sample ID: 23J1626-07

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23J1626	80 Banks Avenue Rockville Centre 12-190 DS	Ground Water	October 24, 2023 12:50 pm	10/25/2023

Volatile Organics, 8260 List - Low Level

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	10/31/2023 09:00	10/31/2023 14:15	SMA
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
591-78-6	2-Hexanone	ND		ug/L	0.320	0.500	1	EPA 8260C	10/31/2023 09:00	10/31/2023 14:15	SMA
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
106-43-4	4-Chlorotoluene	ND		ug/L	0.311	0.500	1	EPA 8260C	10/31/2023 09:00	10/31/2023 14:15	SMA
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-10-1	4-Methyl-2-pentanone	ND		ug/L	0.365	0.500	1	EPA 8260C	10/31/2023 09:00	10/31/2023 14:15	SMA
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
67-64-1	Acetone	ND		ug/L	1.34	2.00	1	EPA 8260C	10/31/2023 09:00	10/31/2023 14:15	SMA
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
71-43-2	Benzene	ND		ug/L	0.279	0.500	1	EPA 8260C	10/31/2023 09:00	10/31/2023 14:15	SMA
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-86-1	Bromobenzene	ND		ug/L	0.367	0.500	1	EPA 8260C	10/31/2023 09:00	10/31/2023 14:15	SMA
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
74-97-5	Bromochloromethane	ND		ug/L	0.354	0.500	1	EPA 8260C	10/31/2023 09:00	10/31/2023 14:15	SMA
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
75-27-4	Bromodichloromethane	ND		ug/L	0.245	0.500	1	EPA 8260C	10/31/2023 09:00	10/31/2023 14:15	SMA
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-25-2	Bromoform	ND		ug/L	0.163	0.500	1	EPA 8260C	10/31/2023 09:00	10/31/2023 14:15	SMA
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
74-83-9	Bromomethane	ND	CCVE	ug/L	0.119	0.500	1	EPA 8260C	10/31/2023 09:00	10/31/2023 14:15	SMA
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-15-0	Carbon disulfide	ND		ug/L	0.362	0.500	1	EPA 8260C	10/31/2023 09:00	10/31/2023 14:15	SMA
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
56-23-5	Carbon tetrachloride	ND		ug/L	0.204	0.500	1	EPA 8260C	10/31/2023 09:00	10/31/2023 14:15	SMA
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-90-7	Chlorobenzene	ND		ug/L	0.284	0.500	1	EPA 8260C	10/31/2023 09:00	10/31/2023 14:15	SMA
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-00-3	Chloroethane	ND		ug/L	0.448	0.500	1	EPA 8260C	10/31/2023 09:00	10/31/2023 14:15	SMA
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
67-66-3	**Chloroform**	**0.830**		ug/L	0.243	0.500	1	EPA 8260C	10/31/2023 09:00	10/31/2023 14:15	SMA
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-C		
74-87-3	Chloromethane	ND		ug/L	0.372	0.500	1	EPA 8260C	10/31/2023 09:00	10/31/2023 14:15	SMA
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
156-59-2	**cis-1,2-Dichloroethylene**	**4.15**		ug/L	0.294	0.500	1	EPA 8260C	10/31/2023 09:00	10/31/2023 14:15	SMA
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-C		
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.262	0.500	1	EPA 8260C	10/31/2023 09:00	10/31/2023 14:15	SMA
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
124-48-1	Dibromochloromethane	ND		ug/L	0.146	0.500	1	EPA 8260C	10/31/2023 09:00	10/31/2023 14:15	SMA
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
74-95-3	Dibromomethane	ND		ug/L	0.203	0.500	1	EPA 8260C	10/31/2023 09:00	10/31/2023 14:15	SMA
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.451	0.500	1	EPA 8260C	10/31/2023 09:00	10/31/2023 14:15	SMA
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
100-41-4	Ethyl Benzene	ND		ug/L	0.290	0.500	1	EPA 8260C	10/31/2023 09:00	10/31/2023 14:15	SMA
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		

Sample Information

Client Sample ID: 2010-02C **York Sample ID:** 23J1626-07

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23J1626	80 Banks Avenue Rockville Centre 12-190 DS	Ground Water	October 24, 2023 12:50 pm	10/25/2023

Volatile Organics, 8260 List - Low Level

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:	10/31/2023 09:00 NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	10/31/2023 14:15	SMA
98-82-8	Isopropylbenzene	ND		ug/L	0.405	0.500	1	EPA 8260C Certifications:	10/31/2023 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	10/31/2023 14:15	SMA
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.244	0.500	1	EPA 8260C Certifications:	10/31/2023 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	10/31/2023 14:15	SMA
75-09-2	Methylene chloride	ND	CAL-E	ug/L	0.397	2.00	1	EPA 8260C Certifications:	10/31/2023 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	10/31/2023 14:15	SMA
91-20-3	Naphthalene	ND		ug/L	0.212	2.00	1	EPA 8260C Certifications:	10/31/2023 09:00 NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	10/31/2023 14:15	SMA
104-51-8	n-Butylbenzene	ND		ug/L	0.399	0.500	1	EPA 8260C Certifications:	10/31/2023 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	10/31/2023 14:15	SMA
103-65-1	n-Propylbenzene	ND		ug/L	0.384	0.500	1	EPA 8260C Certifications:	10/31/2023 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	10/31/2023 14:15	SMA
95-47-6	o-Xylene	ND		ug/L	0.261	0.500	1	EPA 8260C Certifications:	10/31/2023 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP-68	10/31/2023 14:15	SMA
179601-23-1	p- & m- Xylenes	ND		ug/L	0.578	1.00	1	EPA 8260C Certifications:	10/31/2023 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP-68	10/31/2023 14:15	SMA
105-05-5	* p-Diethylbenzene	ND		ug/L	0.341	0.500	1	EPA 8260C Certifications:	10/31/2023 09:00	10/31/2023 14:15	SMA
622-96-8	* p-Ethyltoluene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	10/31/2023 09:00	10/31/2023 14:15	SMA
99-87-6	p-Isopropyltoluene	ND		ug/L	0.377	0.500	1	EPA 8260C Certifications:	10/31/2023 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	10/31/2023 14:15	SMA
135-98-8	sec-Butylbenzene	ND		ug/L	0.444	0.500	1	EPA 8260C Certifications:	10/31/2023 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	10/31/2023 14:15	SMA
100-42-5	Styrene	ND		ug/L	0.255	0.500	1	EPA 8260C Certifications:	10/31/2023 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	10/31/2023 14:15	SMA
98-06-6	tert-Butylbenzene	ND		ug/L	0.367	0.500	1	EPA 8260C Certifications:	10/31/2023 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	10/31/2023 14:15	SMA
127-18-4	**Tetrachloroethylene**	**2.58**	CCVE, ICVE, QL-02	ug/L	0.239	0.500	1	EPA 8260C Certifications:	10/31/2023 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-C	10/31/2023 14:15	SMA
108-88-3	Toluene	ND		ug/L	0.346	0.500	1	EPA 8260C Certifications:	10/31/2023 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	10/31/2023 14:15	SMA
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.279	0.500	1	EPA 8260C Certifications:	10/31/2023 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	10/31/2023 14:15	SMA
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.229	0.500	1	EPA 8260C Certifications:	10/31/2023 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	10/31/2023 14:15	SMA
79-01-6	**Trichloroethylene**	**3.20**		ug/L	0.249	0.500	1	EPA 8260C Certifications:	10/31/2023 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-C	10/31/2023 14:15	SMA
75-69-4	Trichlorofluoromethane	ND		ug/L	0.337	0.500	1	EPA 8260C Certifications:	10/31/2023 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	10/31/2023 14:15	SMA
75-01-4	Vinyl Chloride	ND		ug/L	0.469	0.500	1	EPA 8260C Certifications:	10/31/2023 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	10/31/2023 14:15	SMA
1330-20-7	Xylenes, Total	ND		ug/L	0.836	1.50	1	EPA 8260C Certifications:	10/31/2023 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	10/31/2023 14:15	SMA

Sample Information

Client Sample ID: 2010-02C **York Sample ID:** 23J1626-07

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23J1626	80 Banks Avenue Rockville Centre 12-190 DS	Ground Water	October 24, 2023 12:50 pm	10/25/2023

Volatile Organics, 8260 List - Low Level

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*	*107 %*			*69-130*						
2037-26-5	*Surrogate: SURR: Toluene-d8*	*95.8 %*			*81-117*						
460-00-4	*Surrogate: SURR: p-Bromofluorobenzene*	*94.8 %*			*79-122*						

Sample Information

Client Sample ID: 2010-02D **York Sample ID:** 23J1626-08

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23J1626	80 Banks Avenue Rockville Centre 12-190 DS	Ground Water	October 24, 2023 11:40 am	10/25/2023

Volatile Organics, 8260 List - Low Level

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:	10/31/2023 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	10/31/2023 14:42	SMA
71-55-6	**1,1,1-Trichloroethane**	**1.58**		ug/L	0.266	0.500	1	EPA 8260C Certifications:	10/31/2023 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-C	10/31/2023 14:42	SMA
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.256	0.500	1	EPA 8260C Certifications:	10/31/2023 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	10/31/2023 14:42	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:	10/31/2023 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	10/31/2023 14:42	SMA
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.249	0.500	1	EPA 8260C Certifications:	10/31/2023 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	10/31/2023 14:42	SMA
75-34-3	1,1-Dichloroethane	ND		ug/L	0.272	0.500	1	EPA 8260C Certifications:	10/31/2023 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	10/31/2023 14:42	SMA
75-35-4	**1,1-Dichloroethylene**	**15.8**		ug/L	0.327	0.500	1	EPA 8260C Certifications:	10/31/2023 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-C	10/31/2023 14:42	SMA
563-58-6	1,1-Dichloropropylene	ND		ug/L	0.314	0.500	1	EPA 8260C Certifications:	10/31/2023 09:00 NELAC-NY10854,NELAC-NY12058,NJDEP-CT005	10/31/2023 14:42	SMA
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	0.222	0.500	1	EPA 8260C Certifications:	10/31/2023 09:00 NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	10/31/2023 14:42	SMA
96-18-4	1,2,3-Trichloropropane	ND		ug/L	0.273	0.500	1	EPA 8260C Certifications:	10/31/2023 09:00 NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	10/31/2023 14:42	SMA
95-93-2	* 1,2,4,5-Tetramethylbenzene	ND		ug/L	0.255	0.500	1	EPA 8260C Certifications:	10/31/2023 09:00	10/31/2023 14:42	SMA
120-82-1	**1,2,4-Trichlorobenzene**	**0.690**		ug/L	0.138	0.500	1	EPA 8260C Certifications:	10/31/2023 09:00 NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-0	10/31/2023 14:42	SMA
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	0.310	0.500	1	EPA 8260C Certifications:	10/31/2023 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	10/31/2023 14:42	SMA

Sample Information

Client Sample ID: 2010-02D

York Sample ID: 23J1626-08

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23J1626	80 Banks Avenue Rockville Centre 12-190 DS	Ground Water	October 24, 2023 11:40 am	10/25/2023

Volatile Organics, 8260 List - Low Level

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:	10/31/2023 09:00	10/31/2023 14:42	SMA CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
106-93-4	1,2-Dibromoethane	ND		ug/L	0.215	0.500	1	EPA 8260C Certifications:	10/31/2023 09:00	10/31/2023 14:42	SMA CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.270	0.500	1	EPA 8260C Certifications:	10/31/2023 09:00	10/31/2023 14:42	SMA CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
107-06-2	1,2-Dichloroethane	ND		ug/L	0.377	0.500	1	EPA 8260C Certifications:	10/31/2023 09:00	10/31/2023 14:42	SMA CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
78-87-5	1,2-Dichloropropane	ND		ug/L	0.327	0.500	1	EPA 8260C Certifications:	10/31/2023 09:00	10/31/2023 14:42	SMA CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	0.347	0.500	1	EPA 8260C Certifications:	10/31/2023 09:00	10/31/2023 14:42	SMA CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.283	0.500	1	EPA 8260C Certifications:	10/31/2023 09:00	10/31/2023 14:42	SMA CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
142-28-9	1,3-Dichloropropane	ND		ug/L	0.260	0.500	1	EPA 8260C Certifications:	10/31/2023 09:00	10/31/2023 14:42	SMA NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.311	0.500	1	EPA 8260C Certifications:	10/31/2023 09:00	10/31/2023 14:42	SMA CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
594-20-7	2,2-Dichloropropane	ND		ug/L	0.466	0.500	1	EPA 8260C Certifications:	10/31/2023 09:00	10/31/2023 14:42	SMA NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04
78-93-3	2-Butanone	ND		ug/L	0.421	0.500	1	EPA 8260C Certifications:	10/31/2023 09:00	10/31/2023 14:42	SMA CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
95-49-8	2-Chlorotoluene	ND		ug/L	0.376	0.500	1	EPA 8260C Certifications:	10/31/2023 09:00	10/31/2023 14:42	SMA CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
591-78-6	2-Hexanone	ND		ug/L	0.320	0.500	1	EPA 8260C Certifications:	10/31/2023 09:00	10/31/2023 14:42	SMA CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
106-43-4	4-Chlorotoluene	ND		ug/L	0.311	0.500	1	EPA 8260C Certifications:	10/31/2023 09:00	10/31/2023 14:42	SMA CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
108-10-1	4-Methyl-2-pentanone	ND		ug/L	0.365	0.500	1	EPA 8260C Certifications:	10/31/2023 09:00	10/31/2023 14:42	SMA CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
67-64-1	Acetone	ND		ug/L	1.34	2.00	1	EPA 8260C Certifications:	10/31/2023 09:00	10/31/2023 14:42	SMA CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
71-43-2	Benzene	ND		ug/L	0.279	0.500	1	EPA 8260C Certifications:	10/31/2023 09:00	10/31/2023 14:42	SMA CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
108-86-1	Bromobenzene	ND		ug/L	0.367	0.500	1	EPA 8260C Certifications:	10/31/2023 09:00	10/31/2023 14:42	SMA NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04
74-97-5	Bromochloromethane	ND		ug/L	0.354	0.500	1	EPA 8260C Certifications:	10/31/2023 09:00	10/31/2023 14:42	SMA NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04
75-27-4	Bromodichloromethane	ND		ug/L	0.245	0.500	1	EPA 8260C Certifications:	10/31/2023 09:00	10/31/2023 14:42	SMA CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
75-25-2	Bromoform	ND		ug/L	0.163	0.500	1	EPA 8260C Certifications:	10/31/2023 09:00	10/31/2023 14:42	SMA CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
74-83-9	Bromomethane	ND	CCVE	ug/L	0.119	0.500	1	EPA 8260C Certifications:	10/31/2023 09:00	10/31/2023 14:42	SMA CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
75-15-0	Carbon disulfide	ND		ug/L	0.362	0.500	1	EPA 8260C Certifications:	10/31/2023 09:00	10/31/2023 14:42	SMA CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT

Sample Information

Client Sample ID: 2010-02D

York Sample ID: 23J1626-08

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23J1626	80 Banks Avenue Rockville Centre 12-190 DS	Ground Water	October 24, 2023 11:40 am	10/25/2023

Volatile Organics, 8260 List - Low Level

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:	10/31/2023 09:00	10/31/2023 14:42	SMA CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
108-90-7	Chlorobenzene	ND		ug/L	0.284	0.500	1	EPA 8260C Certifications:	10/31/2023 09:00	10/31/2023 14:42	SMA CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
75-00-3	Chloroethane	ND		ug/L	0.448	0.500	1	EPA 8260C Certifications:	10/31/2023 09:00	10/31/2023 14:42	SMA CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
67-66-3	**Chloroform**	**28.8**		ug/L	0.243	0.500	1	EPA 8260C Certifications:	10/31/2023 09:00	10/31/2023 14:42	SMA CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-C
74-87-3	Chloromethane	ND		ug/L	0.372	0.500	1	EPA 8260C Certifications:	10/31/2023 09:00	10/31/2023 14:42	SMA CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
156-59-2	**cis-1,2-Dichloroethylene**	**5910**		ug/L	58.8	100	200	EPA 8260C Certifications:	11/02/2023 09:00	11/02/2023 16:14	SMA CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-C
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.262	0.500	1	EPA 8260C Certifications:	10/31/2023 09:00	10/31/2023 14:42	SMA CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
124-48-1	Dibromochloromethane	ND		ug/L	0.146	0.500	1	EPA 8260C Certifications:	10/31/2023 09:00	10/31/2023 14:42	SMA CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
74-95-3	Dibromomethane	ND		ug/L	0.203	0.500	1	EPA 8260C Certifications:	10/31/2023 09:00	10/31/2023 14:42	SMA NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.451	0.500	1	EPA 8260C Certifications:	10/31/2023 09:00	10/31/2023 14:42	SMA NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04
100-41-4	Ethyl Benzene	ND		ug/L	0.290	0.500	1	EPA 8260C Certifications:	10/31/2023 09:00	10/31/2023 14:42	SMA CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
87-68-3	Hexachlorobutadiene	ND		ug/L	0.241	0.500	1	EPA 8260C Certifications:	10/31/2023 09:00	10/31/2023 14:42	SMA NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04
98-82-8	Isopropylbenzene	ND		ug/L	0.405	0.500	1	EPA 8260C Certifications:	10/31/2023 09:00	10/31/2023 14:42	SMA CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.244	0.500	1	EPA 8260C Certifications:	10/31/2023 09:00	10/31/2023 14:42	SMA CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
75-09-2	**Methylene chloride**	**0.680**	J, CAL-E	ug/L	0.397	2.00	1	EPA 8260C Certifications:	10/31/2023 09:00	10/31/2023 14:42	SMA CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-C
91-20-3	Naphthalene	ND		ug/L	0.212	2.00	1	EPA 8260C Certifications:	10/31/2023 09:00	10/31/2023 14:42	SMA NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04
104-51-8	n-Butylbenzene	ND		ug/L	0.399	0.500	1	EPA 8260C Certifications:	10/31/2023 09:00	10/31/2023 14:42	SMA CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
103-65-1	n-Propylbenzene	ND		ug/L	0.384	0.500	1	EPA 8260C Certifications:	10/31/2023 09:00	10/31/2023 14:42	SMA CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
95-47-6	o-Xylene	ND		ug/L	0.261	0.500	1	EPA 8260C Certifications:	10/31/2023 09:00	10/31/2023 14:42	SMA CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP-68
179601-23-1	p- & m- Xylenes	ND		ug/L	0.578	1.00	1	EPA 8260C Certifications:	10/31/2023 09:00	10/31/2023 14:42	SMA CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP-68
105-05-5	* p-Diethylbenzene	ND		ug/L	0.341	0.500	1	EPA 8260C Certifications:	10/31/2023 09:00	10/31/2023 14:42	SMA
622-96-8	* p-Ethyltoluene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	10/31/2023 09:00	10/31/2023 14:42	SMA
99-87-6	p-Isopropyltoluene	ND		ug/L	0.377	0.500	1	EPA 8260C Certifications:	10/31/2023 09:00	10/31/2023 14:42	SMA CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT

Sample Information

Client Sample ID: 2010-02D **York Sample ID:** 23J1626-08

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23J1626	80 Banks Avenue Rockville Centre 12-190 DS	Ground Water	October 24, 2023 11:40 am	10/25/2023

Volatile Organics, 8260 List - Low Level

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 Certifications:	10/31/2023 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	10/31/2023 14:42	SMA
100-42-5	Styrene	ND		ug/L	0.255	0.500	1	EPA 8260C Certifications:	10/31/2023 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	10/31/2023 14:42	SMA
98-06-6	tert-Butylbenzene	ND		ug/L	0.367	0.500	1	EPA 8260C Certifications:	10/31/2023 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	10/31/2023 14:42	SMA
127-18-4	**Tetrachloroethylene**	**3530**	CCVE, ICVE, QL-02	ug/L	12.0	25.0	50	EPA 8260C Certifications:	11/01/2023 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	11/01/2023 13:04	SMA
108-88-3	Toluene	ND		ug/L	0.346	0.500	1	EPA 8260C Certifications:	10/31/2023 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	10/31/2023 14:42	SMA
156-60-5	**trans-1,2-Dichloroethylene**	**49.4**		ug/L	0.279	0.500	1	EPA 8260C Certifications:	10/31/2023 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	10/31/2023 14:42	SMA
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.229	0.500	1	EPA 8260C Certifications:	10/31/2023 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	10/31/2023 14:42	SMA
79-01-6	**Trichloroethylene**	**3720**		ug/L	12.4	25.0	50	EPA 8260C Certifications:	11/01/2023 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	11/01/2023 13:04	SMA
75-69-4	Trichlorofluoromethane	ND		ug/L	0.337	0.500	1	EPA 8260C Certifications:	10/31/2023 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	10/31/2023 14:42	SMA
75-01-4	**Vinyl Chloride**	**286**		ug/L	23.4	25.0	50	EPA 8260C Certifications:	11/01/2023 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	11/01/2023 13:04	SMA
1330-20-7	Xylenes, Total	ND		ug/L	0.836	1.50	1	EPA 8260C Certifications:	10/31/2023 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	10/31/2023 14:42	SMA

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: SURR: 1,2-Dichloroethane-d4*	*108 %*	*69-130*
2037-26-5	*Surrogate: SURR: Toluene-d8*	*105 %*	*81-117*
460-00-4	*Surrogate: SURR: p-Bromofluorobenzene*	*98.3 %*	*79-122*

Sample Information

Client Sample ID: 2020-03A-R **York Sample ID:** 23J1626-09

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23J1626	80 Banks Avenue Rockville Centre 12-190 DS	Ground Water	October 24, 2023 11:10 am	10/25/2023

Volatile Organics, 8260 List - Low Level

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:	10/31/2023 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	10/31/2023 15:08	SMA

Sample Information

Client Sample ID: 2020-03A-R

York Sample ID: 23J1626-09

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23J1626	80 Banks Avenue Rockville Centre 12-190 DS	Ground Water	October 24, 2023 11:10 am	10/25/2023

Volatile Organics, 8260 List - Low Level

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:	10/31/2023 09:00	10/31/2023 15:08	SMA CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.256	0.500	1	EPA 8260C Certifications:	10/31/2023 09:00	10/31/2023 15:08	SMA CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/L	0.286	0.500	1	EPA 8260C Certifications:	10/31/2023 09:00	10/31/2023 15:08	SMA CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.249	0.500	1	EPA 8260C Certifications:	10/31/2023 09:00	10/31/2023 15:08	SMA CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
75-34-3	1,1-Dichloroethane	ND		ug/L	0.272	0.500	1	EPA 8260C Certifications:	10/31/2023 09:00	10/31/2023 15:08	SMA CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.327	0.500	1	EPA 8260C Certifications:	10/31/2023 09:00	10/31/2023 15:08	SMA CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
563-58-6	1,1-Dichloropropylene	ND		ug/L	0.314	0.500	1	EPA 8260C Certifications:	10/31/2023 09:00	10/31/2023 15:08	SMA NELAC-NY10854,NELAC-NY12058,NJDEP-CT005
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	0.222	0.500	1	EPA 8260C Certifications:	10/31/2023 09:00	10/31/2023 15:08	SMA NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04
96-18-4	1,2,3-Trichloropropane	ND		ug/L	0.273	0.500	1	EPA 8260C Certifications:	10/31/2023 09:00	10/31/2023 15:08	SMA NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04
95-93-2	* 1,2,4,5-Tetramethylbenzene	ND		ug/L	0.255	0.500	1	EPA 8260C Certifications:	10/31/2023 09:00	10/31/2023 15:08	SMA
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.138	0.500	1	EPA 8260C Certifications:	10/31/2023 09:00	10/31/2023 15:08	SMA NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	0.310	0.500	1	EPA 8260C Certifications:	10/31/2023 09:00	10/31/2023 15:08	SMA CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.432	0.500	1	EPA 8260C Certifications:	10/31/2023 09:00	10/31/2023 15:08	SMA CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
106-93-4	1,2-Dibromoethane	ND		ug/L	0.215	0.500	1	EPA 8260C Certifications:	10/31/2023 09:00	10/31/2023 15:08	SMA CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.270	0.500	1	EPA 8260C Certifications:	10/31/2023 09:00	10/31/2023 15:08	SMA CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
107-06-2	1,2-Dichloroethane	ND		ug/L	0.377	0.500	1	EPA 8260C Certifications:	10/31/2023 09:00	10/31/2023 15:08	SMA CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
78-87-5	1,2-Dichloropropane	ND		ug/L	0.327	0.500	1	EPA 8260C Certifications:	10/31/2023 09:00	10/31/2023 15:08	SMA CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	0.347	0.500	1	EPA 8260C Certifications:	10/31/2023 09:00	10/31/2023 15:08	SMA CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.283	0.500	1	EPA 8260C Certifications:	10/31/2023 09:00	10/31/2023 15:08	SMA CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
142-28-9	1,3-Dichloropropane	ND		ug/L	0.260	0.500	1	EPA 8260C Certifications:	10/31/2023 09:00	10/31/2023 15:08	SMA NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.311	0.500	1	EPA 8260C Certifications:	10/31/2023 09:00	10/31/2023 15:08	SMA CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
594-20-7	2,2-Dichloropropane	ND		ug/L	0.466	0.500	1	EPA 8260C Certifications:	10/31/2023 09:00	10/31/2023 15:08	SMA NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04
78-93-3	2-Butanone	ND		ug/L	0.421	0.500	1	EPA 8260C Certifications:	10/31/2023 09:00	10/31/2023 15:08	SMA CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT

Sample Information

Client Sample ID: 2020-03A-R

York Sample ID: 23J1626-09

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23J1626	80 Banks Avenue Rockville Centre 12-190 DS	Ground Water	October 24, 2023 11:10 am	10/25/2023

Volatile Organics, 8260 List - Low Level

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	10/31/2023 09:00	10/31/2023 15:08	SMA
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
591-78-6	2-Hexanone	ND		ug/L	0.320	0.500	1	EPA 8260C	10/31/2023 09:00	10/31/2023 15:08	SMA
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
106-43-4	4-Chlorotoluene	ND		ug/L	0.311	0.500	1	EPA 8260C	10/31/2023 09:00	10/31/2023 15:08	SMA
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-10-1	4-Methyl-2-pentanone	ND		ug/L	0.365	0.500	1	EPA 8260C	10/31/2023 09:00	10/31/2023 15:08	SMA
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
67-64-1	Acetone	ND		ug/L	1.34	2.00	1	EPA 8260C	10/31/2023 09:00	10/31/2023 15:08	SMA
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
71-43-2	Benzene	ND		ug/L	0.279	0.500	1	EPA 8260C	10/31/2023 09:00	10/31/2023 15:08	SMA
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-86-1	Bromobenzene	ND		ug/L	0.367	0.500	1	EPA 8260C	10/31/2023 09:00	10/31/2023 15:08	SMA
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
74-97-5	Bromochloromethane	ND		ug/L	0.354	0.500	1	EPA 8260C	10/31/2023 09:00	10/31/2023 15:08	SMA
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
75-27-4	Bromodichloromethane	ND		ug/L	0.245	0.500	1	EPA 8260C	10/31/2023 09:00	10/31/2023 15:08	SMA
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-25-2	Bromoform	ND		ug/L	0.163	0.500	1	EPA 8260C	10/31/2023 09:00	10/31/2023 15:08	SMA
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
74-83-9	Bromomethane	ND	CCVE	ug/L	0.119	0.500	1	EPA 8260C	10/31/2023 09:00	10/31/2023 15:08	SMA
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-15-0	Carbon disulfide	ND		ug/L	0.362	0.500	1	EPA 8260C	10/31/2023 09:00	10/31/2023 15:08	SMA
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
56-23-5	Carbon tetrachloride	ND		ug/L	0.204	0.500	1	EPA 8260C	10/31/2023 09:00	10/31/2023 15:08	SMA
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-90-7	Chlorobenzene	ND		ug/L	0.284	0.500	1	EPA 8260C	10/31/2023 09:00	10/31/2023 15:08	SMA
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-00-3	Chloroethane	ND		ug/L	0.448	0.500	1	EPA 8260C	10/31/2023 09:00	10/31/2023 15:08	SMA
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
67-66-3	Chloroform	ND		ug/L	0.243	0.500	1	EPA 8260C	10/31/2023 09:00	10/31/2023 15:08	SMA
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
74-87-3	Chloromethane	ND		ug/L	0.372	0.500	1	EPA 8260C	10/31/2023 09:00	10/31/2023 15:08	SMA
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
156-59-2	**cis-1,2-Dichloroethylene**	**2.08**		ug/L	0.294	0.500	1	EPA 8260C	10/31/2023 09:00	10/31/2023 15:08	SMA
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-C		
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.262	0.500	1	EPA 8260C	10/31/2023 09:00	10/31/2023 15:08	SMA
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
124-48-1	Dibromochloromethane	ND		ug/L	0.146	0.500	1	EPA 8260C	10/31/2023 09:00	10/31/2023 15:08	SMA
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
74-95-3	Dibromomethane	ND		ug/L	0.203	0.500	1	EPA 8260C	10/31/2023 09:00	10/31/2023 15:08	SMA
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.451	0.500	1	EPA 8260C	10/31/2023 09:00	10/31/2023 15:08	SMA
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
100-41-4	Ethyl Benzene	ND		ug/L	0.290	0.500	1	EPA 8260C	10/31/2023 09:00	10/31/2023 15:08	SMA
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		

Sample Information

Client Sample ID: 2020-03A-R

York Sample ID: 23J1626-09

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23J1626	80 Banks Avenue Rockville Centre 12-190 DS	Ground Water	October 24, 2023 11:10 am	10/25/2023

Volatile Organics, 8260 List - Low Level

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:	10/31/2023 09:00 NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	10/31/2023 15:08	SMA
98-82-8	Isopropylbenzene	ND		ug/L	0.405	0.500	1	EPA 8260C Certifications:	10/31/2023 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	10/31/2023 15:08	SMA
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.244	0.500	1	EPA 8260C Certifications:	10/31/2023 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	10/31/2023 15:08	SMA
75-09-2	Methylene chloride	ND	CAL-E	ug/L	0.397	2.00	1	EPA 8260C Certifications:	10/31/2023 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	10/31/2023 15:08	SMA
91-20-3	Naphthalene	ND		ug/L	0.212	2.00	1	EPA 8260C Certifications:	10/31/2023 09:00 NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	10/31/2023 15:08	SMA
104-51-8	n-Butylbenzene	ND		ug/L	0.399	0.500	1	EPA 8260C Certifications:	10/31/2023 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	10/31/2023 15:08	SMA
103-65-1	n-Propylbenzene	ND		ug/L	0.384	0.500	1	EPA 8260C Certifications:	10/31/2023 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	10/31/2023 15:08	SMA
95-47-6	o-Xylene	ND		ug/L	0.261	0.500	1	EPA 8260C Certifications:	10/31/2023 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP-68	10/31/2023 15:08	SMA
179601-23-1	p- & m- Xylenes	ND		ug/L	0.578	1.00	1	EPA 8260C Certifications:	10/31/2023 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP-68	10/31/2023 15:08	SMA
105-05-5	* p-Diethylbenzene	ND		ug/L	0.341	0.500	1	EPA 8260C Certifications:	10/31/2023 09:00	10/31/2023 15:08	SMA
622-96-8	* p-Ethyltoluene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	10/31/2023 09:00	10/31/2023 15:08	SMA
99-87-6	p-Isopropyltoluene	ND		ug/L	0.377	0.500	1	EPA 8260C Certifications:	10/31/2023 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	10/31/2023 15:08	SMA
135-98-8	sec-Butylbenzene	ND		ug/L	0.444	0.500	1	EPA 8260C Certifications:	10/31/2023 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	10/31/2023 15:08	SMA
100-42-5	Styrene	ND		ug/L	0.255	0.500	1	EPA 8260C Certifications:	10/31/2023 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	10/31/2023 15:08	SMA
98-06-6	tert-Butylbenzene	ND		ug/L	0.367	0.500	1	EPA 8260C Certifications:	10/31/2023 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	10/31/2023 15:08	SMA
127-18-4	**Tetrachloroethylene**	**2.75**	QL-02, CCVE, ICVE	ug/L	0.239	0.500	1	EPA 8260C Certifications:	10/31/2023 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-C	10/31/2023 15:08	SMA
108-88-3	Toluene	ND		ug/L	0.346	0.500	1	EPA 8260C Certifications:	10/31/2023 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	10/31/2023 15:08	SMA
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.279	0.500	1	EPA 8260C Certifications:	10/31/2023 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	10/31/2023 15:08	SMA
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.229	0.500	1	EPA 8260C Certifications:	10/31/2023 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	10/31/2023 15:08	SMA
79-01-6	**Trichloroethylene**	**1.50**		ug/L	0.249	0.500	1	EPA 8260C Certifications:	10/31/2023 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-C	10/31/2023 15:08	SMA
75-69-4	Trichlorofluoromethane	ND		ug/L	0.337	0.500	1	EPA 8260C Certifications:	10/31/2023 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	10/31/2023 15:08	SMA
75-01-4	Vinyl Chloride	ND		ug/L	0.469	0.500	1	EPA 8260C Certifications:	10/31/2023 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	10/31/2023 15:08	SMA
1330-20-7	Xylenes, Total	ND		ug/L	0.836	1.50	1	EPA 8260C Certifications:	10/31/2023 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	10/31/2023 15:08	SMA

Sample Information

Client Sample ID: 2020-03A-R **York Sample ID:** 23J1626-09

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23J1626	80 Banks Avenue Rockville Centre 12-190 DS	Ground Water	October 24, 2023 11:10 am	10/25/2023

Volatile Organics, 8260 List - Low Level

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*	*109 %*			*69-130*						
2037-26-5	*Surrogate: SURR: Toluene-d8*	*97.1 %*			*81-117*						
460-00-4	*Surrogate: SURR: p-Bromofluorobenzene*	*95.0 %*			*79-122*						

Sample Information

Client Sample ID: 2020-03B-R **York Sample ID:** 23J1626-10

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23J1626	80 Banks Avenue Rockville Centre 12-190 DS	Ground Water	October 24, 2023 10:55 am	10/25/2023

Volatile Organics, 8260 List - Low Level

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:	10/31/2023 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	10/31/2023 15:34	SMA
71-55-6	1,1,1-Trichloroethane	ND		ug/L	0.266	0.500	1	EPA 8260C Certifications:	10/31/2023 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	10/31/2023 15:34	SMA
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.256	0.500	1	EPA 8260C Certifications:	10/31/2023 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	10/31/2023 15:34	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:	10/31/2023 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	10/31/2023 15:34	SMA
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.249	0.500	1	EPA 8260C Certifications:	10/31/2023 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	10/31/2023 15:34	SMA
75-34-3	1,1-Dichloroethane	ND		ug/L	0.272	0.500	1	EPA 8260C Certifications:	10/31/2023 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	10/31/2023 15:34	SMA
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.327	0.500	1	EPA 8260C Certifications:	10/31/2023 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	10/31/2023 15:34	SMA
563-58-6	1,1-Dichloropropylene	ND		ug/L	0.314	0.500	1	EPA 8260C Certifications:	10/31/2023 09:00 NELAC-NY10854,NELAC-NY12058,NJDEP-CT005	10/31/2023 15:34	SMA
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	0.222	0.500	1	EPA 8260C Certifications:	10/31/2023 09:00 NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	10/31/2023 15:34	SMA
96-18-4	1,2,3-Trichloropropane	ND		ug/L	0.273	0.500	1	EPA 8260C Certifications:	10/31/2023 09:00 NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	10/31/2023 15:34	SMA
95-93-2	* 1,2,4,5-Tetramethylbenzene	ND		ug/L	0.255	0.500	1	EPA 8260C Certifications:	10/31/2023 09:00	10/31/2023 15:34	SMA
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.138	0.500	1	EPA 8260C Certifications:	10/31/2023 09:00 NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	10/31/2023 15:34	SMA
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	0.310	0.500	1	EPA 8260C Certifications:	10/31/2023 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	10/31/2023 15:34	SMA

Sample Information

Client Sample ID: 2020-03B-R

York Sample ID: 23J1626-10

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23J1626	80 Banks Avenue Rockville Centre 12-190 DS	Ground Water	October 24, 2023 10:55 am	10/25/2023

Volatile Organics, 8260 List - Low Level

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:	10/31/2023 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	10/31/2023 15:34	SMA
106-93-4	1,2-Dibromoethane	ND		ug/L	0.215	0.500	1	EPA 8260C Certifications:	10/31/2023 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	10/31/2023 15:34	SMA
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.270	0.500	1	EPA 8260C Certifications:	10/31/2023 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	10/31/2023 15:34	SMA
107-06-2	1,2-Dichloroethane	ND		ug/L	0.377	0.500	1	EPA 8260C Certifications:	10/31/2023 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	10/31/2023 15:34	SMA
78-87-5	1,2-Dichloropropane	ND		ug/L	0.327	0.500	1	EPA 8260C Certifications:	10/31/2023 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	10/31/2023 15:34	SMA
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	0.347	0.500	1	EPA 8260C Certifications:	10/31/2023 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	10/31/2023 15:34	SMA
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.283	0.500	1	EPA 8260C Certifications:	10/31/2023 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	10/31/2023 15:34	SMA
142-28-9	1,3-Dichloropropane	ND		ug/L	0.260	0.500	1	EPA 8260C Certifications:	10/31/2023 09:00 NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	10/31/2023 15:34	SMA
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.311	0.500	1	EPA 8260C Certifications:	10/31/2023 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	10/31/2023 15:34	SMA
594-20-7	2,2-Dichloropropane	ND		ug/L	0.466	0.500	1	EPA 8260C Certifications:	10/31/2023 09:00 NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	10/31/2023 15:34	SMA
78-93-3	2-Butanone	ND		ug/L	0.421	0.500	1	EPA 8260C Certifications:	10/31/2023 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	10/31/2023 15:34	SMA
95-49-8	2-Chlorotoluene	ND		ug/L	0.376	0.500	1	EPA 8260C Certifications:	10/31/2023 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	10/31/2023 15:34	SMA
591-78-6	2-Hexanone	ND		ug/L	0.320	0.500	1	EPA 8260C Certifications:	10/31/2023 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	10/31/2023 15:34	SMA
106-43-4	4-Chlorotoluene	ND		ug/L	0.311	0.500	1	EPA 8260C Certifications:	10/31/2023 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	10/31/2023 15:34	SMA
108-10-1	4-Methyl-2-pentanone	ND		ug/L	0.365	0.500	1	EPA 8260C Certifications:	10/31/2023 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	10/31/2023 15:34	SMA
67-64-1	Acetone	ND		ug/L	1.34	2.00	1	EPA 8260C Certifications:	10/31/2023 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	10/31/2023 15:34	SMA
71-43-2	Benzene	ND		ug/L	0.279	0.500	1	EPA 8260C Certifications:	10/31/2023 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	10/31/2023 15:34	SMA
108-86-1	Bromobenzene	ND		ug/L	0.367	0.500	1	EPA 8260C Certifications:	10/31/2023 09:00 NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	10/31/2023 15:34	SMA
74-97-5	Bromochloromethane	ND		ug/L	0.354	0.500	1	EPA 8260C Certifications:	10/31/2023 09:00 NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	10/31/2023 15:34	SMA
75-27-4	Bromodichloromethane	ND		ug/L	0.245	0.500	1	EPA 8260C Certifications:	10/31/2023 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	10/31/2023 15:34	SMA
75-25-2	Bromoform	ND		ug/L	0.163	0.500	1	EPA 8260C Certifications:	10/31/2023 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	10/31/2023 15:34	SMA
74-83-9	Bromomethane	ND	CCVE	ug/L	0.119	0.500	1	EPA 8260C Certifications:	10/31/2023 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	10/31/2023 15:34	SMA
75-15-0	Carbon disulfide	ND		ug/L	0.362	0.500	1	EPA 8260C Certifications:	10/31/2023 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	10/31/2023 15:34	SMA

Sample Information

Client Sample ID: 2020-03B-R

York Sample ID: 23J1626-10

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23J1626	80 Banks Avenue Rockville Centre 12-190 DS	Ground Water	October 24, 2023 10:55 am	10/25/2023

Volatile Organics, 8260 List - Low Level

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:	10/31/2023 09:00	10/31/2023 15:34	SMA CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
108-90-7	Chlorobenzene	ND		ug/L	0.284	0.500	1	EPA 8260C Certifications:	10/31/2023 09:00	10/31/2023 15:34	SMA CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
75-00-3	Chloroethane	ND		ug/L	0.448	0.500	1	EPA 8260C Certifications:	10/31/2023 09:00	10/31/2023 15:34	SMA CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
67-66-3	Chloroform	ND		ug/L	0.243	0.500	1	EPA 8260C Certifications:	10/31/2023 09:00	10/31/2023 15:34	SMA CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
74-87-3	Chloromethane	ND		ug/L	0.372	0.500	1	EPA 8260C Certifications:	10/31/2023 09:00	10/31/2023 15:34	SMA CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
156-59-2	**cis-1,2-Dichloroethylene**	**1.52**		ug/L	0.294	0.500	1	EPA 8260C Certifications:	10/31/2023 09:00	10/31/2023 15:34	SMA CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-C
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.262	0.500	1	EPA 8260C Certifications:	10/31/2023 09:00	10/31/2023 15:34	SMA CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
124-48-1	Dibromochloromethane	ND		ug/L	0.146	0.500	1	EPA 8260C Certifications:	10/31/2023 09:00	10/31/2023 15:34	SMA CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
74-95-3	Dibromomethane	ND		ug/L	0.203	0.500	1	EPA 8260C Certifications:	10/31/2023 09:00	10/31/2023 15:34	SMA NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.451	0.500	1	EPA 8260C Certifications:	10/31/2023 09:00	10/31/2023 15:34	SMA NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04
100-41-4	Ethyl Benzene	ND		ug/L	0.290	0.500	1	EPA 8260C Certifications:	10/31/2023 09:00	10/31/2023 15:34	SMA CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
87-68-3	Hexachlorobutadiene	ND		ug/L	0.241	0.500	1	EPA 8260C Certifications:	10/31/2023 09:00	10/31/2023 15:34	SMA NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04
98-82-8	Isopropylbenzene	ND		ug/L	0.405	0.500	1	EPA 8260C Certifications:	10/31/2023 09:00	10/31/2023 15:34	SMA CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.244	0.500	1	EPA 8260C Certifications:	10/31/2023 09:00	10/31/2023 15:34	SMA CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
75-09-2	Methylene chloride	ND	CAL-E	ug/L	0.397	2.00	1	EPA 8260C Certifications:	10/31/2023 09:00	10/31/2023 15:34	SMA CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
91-20-3	Naphthalene	ND		ug/L	0.212	2.00	1	EPA 8260C Certifications:	10/31/2023 09:00	10/31/2023 15:34	SMA NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04
104-51-8	n-Butylbenzene	ND		ug/L	0.399	0.500	1	EPA 8260C Certifications:	10/31/2023 09:00	10/31/2023 15:34	SMA CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
103-65-1	n-Propylbenzene	ND		ug/L	0.384	0.500	1	EPA 8260C Certifications:	10/31/2023 09:00	10/31/2023 15:34	SMA CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
95-47-6	o-Xylene	ND		ug/L	0.261	0.500	1	EPA 8260C Certifications:	10/31/2023 09:00	10/31/2023 15:34	SMA CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP-68
179601-23-1	p- & m- Xylenes	ND		ug/L	0.578	1.00	1	EPA 8260C Certifications:	10/31/2023 09:00	10/31/2023 15:34	SMA CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP-68
105-05-5	* p-Diethylbenzene	ND		ug/L	0.341	0.500	1	EPA 8260C Certifications:	10/31/2023 09:00	10/31/2023 15:34	SMA
622-96-8	* p-Ethyltoluene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	10/31/2023 09:00	10/31/2023 15:34	SMA
99-87-6	p-Isopropyltoluene	ND		ug/L	0.377	0.500	1	EPA 8260C Certifications:	10/31/2023 09:00	10/31/2023 15:34	SMA CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT

Sample Information

Client Sample ID: 2020-03B-R **York Sample ID:** 23J1626-10

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23J1626	80 Banks Avenue Rockville Centre 12-190 DS	Ground Water	October 24, 2023 10:55 am	10/25/2023

Volatile Organics, 8260 List - Low Level

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 Certifications:	10/31/2023 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	10/31/2023 15:34	SMA
100-42-5	Styrene	ND		ug/L	0.255	0.500	1	EPA 8260C Certifications:	10/31/2023 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	10/31/2023 15:34	SMA
98-06-6	tert-Butylbenzene	ND		ug/L	0.367	0.500	1	EPA 8260C Certifications:	10/31/2023 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	10/31/2023 15:34	SMA
127-18-4	**Tetrachloroethylene**	**4.66**	CCVE, ICVE, QL-02	ug/L	0.239	0.500	1	EPA 8260C Certifications:	10/31/2023 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	10/31/2023 15:34	SMA
108-88-3	Toluene	ND		ug/L	0.346	0.500	1	EPA 8260C Certifications:	10/31/2023 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	10/31/2023 15:34	SMA
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.279	0.500	1	EPA 8260C Certifications:	10/31/2023 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	10/31/2023 15:34	SMA
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.229	0.500	1	EPA 8260C Certifications:	10/31/2023 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	10/31/2023 15:34	SMA
79-01-6	**Trichloroethylene**	**0.820**		ug/L	0.249	0.500	1	EPA 8260C Certifications:	10/31/2023 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	10/31/2023 15:34	SMA
75-69-4	Trichlorofluoromethane	ND		ug/L	0.337	0.500	1	EPA 8260C Certifications:	10/31/2023 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	10/31/2023 15:34	SMA
75-01-4	Vinyl Chloride	ND		ug/L	0.469	0.500	1	EPA 8260C Certifications:	10/31/2023 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	10/31/2023 15:34	SMA
1330-20-7	Xylenes, Total	ND		ug/L	0.836	1.50	1	EPA 8260C Certifications:	10/31/2023 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	10/31/2023 15:34	SMA

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: SURR: 1,2-Dichloroethane-d4*	*107 %*	*69-130*
2037-26-5	*Surrogate: SURR: Toluene-d8*	*97.5 %*	*81-117*
460-00-4	*Surrogate: SURR: p-Bromofluorobenzene*	*96.7 %*	*79-122*

Sample Information

Client Sample ID: 2020-03C-R **York Sample ID:** 23J1626-11

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23J1626	80 Banks Avenue Rockville Centre 12-190 DS	Ground Water	October 24, 2023 10:40 am	10/25/2023

Volatile Organics, 8260 List - Low Level

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:	10/31/2023 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	10/31/2023 16:01	SMA
71-55-6	1,1,1-Trichloroethane	ND		ug/L	0.266	0.500	1	EPA 8260C Certifications:	10/31/2023 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	10/31/2023 16:01	SMA

Sample Information

Client Sample ID: 2020-03C-R

York Sample ID: 23J1626-11

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23J1626	80 Banks Avenue Rockville Centre 12-190 DS	Ground Water	October 24, 2023 10:40 am	10/25/2023

Volatile Organics, 8260 List - Low Level

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:	10/31/2023 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	10/31/2023 16:01	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:	10/31/2023 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	10/31/2023 16:01	SMA
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.249	0.500	1	EPA 8260C Certifications:	10/31/2023 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	10/31/2023 16:01	SMA
75-34-3	1,1-Dichloroethane	ND		ug/L	0.272	0.500	1	EPA 8260C Certifications:	10/31/2023 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	10/31/2023 16:01	SMA
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.327	0.500	1	EPA 8260C Certifications:	10/31/2023 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	10/31/2023 16:01	SMA
563-58-6	1,1-Dichloropropylene	ND		ug/L	0.314	0.500	1	EPA 8260C Certifications:	10/31/2023 09:00 NELAC-NY10854,NELAC-NY12058,NJDEP-CT005	10/31/2023 16:01	SMA
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	0.222	0.500	1	EPA 8260C Certifications:	10/31/2023 09:00 NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	10/31/2023 16:01	SMA
96-18-4	1,2,3-Trichloropropane	ND		ug/L	0.273	0.500	1	EPA 8260C Certifications:	10/31/2023 09:00 NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	10/31/2023 16:01	SMA
95-93-2	* 1,2,4,5-Tetramethylbenzene	ND		ug/L	0.255	0.500	1	EPA 8260C Certifications:	10/31/2023 09:00	10/31/2023 16:01	SMA
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.138	0.500	1	EPA 8260C Certifications:	10/31/2023 09:00 NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	10/31/2023 16:01	SMA
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	0.310	0.500	1	EPA 8260C Certifications:	10/31/2023 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	10/31/2023 16:01	SMA
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.432	0.500	1	EPA 8260C Certifications:	10/31/2023 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	10/31/2023 16:01	SMA
106-93-4	1,2-Dibromoethane	ND		ug/L	0.215	0.500	1	EPA 8260C Certifications:	10/31/2023 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	10/31/2023 16:01	SMA
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.270	0.500	1	EPA 8260C Certifications:	10/31/2023 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	10/31/2023 16:01	SMA
107-06-2	1,2-Dichloroethane	ND		ug/L	0.377	0.500	1	EPA 8260C Certifications:	10/31/2023 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	10/31/2023 16:01	SMA
78-87-5	1,2-Dichloropropane	ND		ug/L	0.327	0.500	1	EPA 8260C Certifications:	10/31/2023 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	10/31/2023 16:01	SMA
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	0.347	0.500	1	EPA 8260C Certifications:	10/31/2023 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	10/31/2023 16:01	SMA
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.283	0.500	1	EPA 8260C Certifications:	10/31/2023 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	10/31/2023 16:01	SMA
142-28-9	1,3-Dichloropropane	ND		ug/L	0.260	0.500	1	EPA 8260C Certifications:	10/31/2023 09:00 NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	10/31/2023 16:01	SMA
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.311	0.500	1	EPA 8260C Certifications:	10/31/2023 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	10/31/2023 16:01	SMA
594-20-7	2,2-Dichloropropane	ND		ug/L	0.466	0.500	1	EPA 8260C Certifications:	10/31/2023 09:00 NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	10/31/2023 16:01	SMA
78-93-3	2-Butanone	ND		ug/L	0.421	0.500	1	EPA 8260C Certifications:	10/31/2023 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	10/31/2023 16:01	SMA
95-49-8	2-Chlorotoluene	ND		ug/L	0.376	0.500	1	EPA 8260C Certifications:	10/31/2023 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	10/31/2023 16:01	SMA

Sample Information

Client Sample ID: 2020-03C-R

York Sample ID: 23J1626-11

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23J1626	80 Banks Avenue Rockville Centre 12-190 DS	Ground Water	October 24, 2023 10:40 am	10/25/2023

Volatile Organics, 8260 List - Low Level

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:	10/31/2023 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	10/31/2023 16:01	SMA
106-43-4	4-Chlorotoluene	ND		ug/L	0.311	0.500	1	EPA 8260C Certifications:	10/31/2023 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	10/31/2023 16:01	SMA
108-10-1	4-Methyl-2-pentanone	ND		ug/L	0.365	0.500	1	EPA 8260C Certifications:	10/31/2023 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	10/31/2023 16:01	SMA
67-64-1	Acetone	ND		ug/L	1.34	2.00	1	EPA 8260C Certifications:	10/31/2023 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	10/31/2023 16:01	SMA
71-43-2	Benzene	ND		ug/L	0.279	0.500	1	EPA 8260C Certifications:	10/31/2023 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	10/31/2023 16:01	SMA
108-86-1	Bromobenzene	ND		ug/L	0.367	0.500	1	EPA 8260C Certifications:	10/31/2023 09:00 NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	10/31/2023 16:01	SMA
74-97-5	Bromochloromethane	ND		ug/L	0.354	0.500	1	EPA 8260C Certifications:	10/31/2023 09:00 NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	10/31/2023 16:01	SMA
75-27-4	Bromodichloromethane	ND		ug/L	0.245	0.500	1	EPA 8260C Certifications:	10/31/2023 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	10/31/2023 16:01	SMA
75-25-2	Bromoform	ND		ug/L	0.163	0.500	1	EPA 8260C Certifications:	10/31/2023 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	10/31/2023 16:01	SMA
74-83-9	Bromomethane	ND	CCVE	ug/L	0.119	0.500	1	EPA 8260C Certifications:	10/31/2023 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	10/31/2023 16:01	SMA
75-15-0	Carbon disulfide	ND		ug/L	0.362	0.500	1	EPA 8260C Certifications:	10/31/2023 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	10/31/2023 16:01	SMA
56-23-5	Carbon tetrachloride	ND		ug/L	0.204	0.500	1	EPA 8260C Certifications:	10/31/2023 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	10/31/2023 16:01	SMA
108-90-7	Chlorobenzene	ND		ug/L	0.284	0.500	1	EPA 8260C Certifications:	10/31/2023 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	10/31/2023 16:01	SMA
75-00-3	Chloroethane	ND		ug/L	0.448	0.500	1	EPA 8260C Certifications:	10/31/2023 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	10/31/2023 16:01	SMA
67-66-3	Chloroform	ND		ug/L	0.243	0.500	1	EPA 8260C Certifications:	10/31/2023 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	10/31/2023 16:01	SMA
74-87-3	Chloromethane	ND		ug/L	0.372	0.500	1	EPA 8260C Certifications:	10/31/2023 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	10/31/2023 16:01	SMA
156-59-2	cis-1,2-Dichloroethylene	ND		ug/L	0.294	0.500	1	EPA 8260C Certifications:	10/31/2023 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	10/31/2023 16:01	SMA
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.262	0.500	1	EPA 8260C Certifications:	10/31/2023 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	10/31/2023 16:01	SMA
124-48-1	Dibromochloromethane	ND		ug/L	0.146	0.500	1	EPA 8260C Certifications:	10/31/2023 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	10/31/2023 16:01	SMA
74-95-3	Dibromomethane	ND		ug/L	0.203	0.500	1	EPA 8260C Certifications:	10/31/2023 09:00 NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	10/31/2023 16:01	SMA
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.451	0.500	1	EPA 8260C Certifications:	10/31/2023 09:00 NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	10/31/2023 16:01	SMA
100-41-4	Ethyl Benzene	ND		ug/L	0.290	0.500	1	EPA 8260C Certifications:	10/31/2023 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	10/31/2023 16:01	SMA
87-68-3	Hexachlorobutadiene	ND		ug/L	0.241	0.500	1	EPA 8260C Certifications:	10/31/2023 09:00 NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	10/31/2023 16:01	SMA

Sample Information

Client Sample ID: 2020-03C-R

York Sample ID: 23J1626-11

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23J1626	80 Banks Avenue Rockville Centre 12-190 DS	Ground Water	October 24, 2023 10:40 am	10/25/2023

Volatile Organics, 8260 List - Low Level

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:	10/31/2023 09:00	10/31/2023 16:01	SMA CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.244	0.500	1	EPA 8260C Certifications:	10/31/2023 09:00	10/31/2023 16:01	SMA CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
75-09-2	Methylene chloride	ND	CAL-E	ug/L	0.397	2.00	1	EPA 8260C Certifications:	10/31/2023 09:00	10/31/2023 16:01	SMA CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
91-20-3	Naphthalene	ND		ug/L	0.212	2.00	1	EPA 8260C Certifications:	10/31/2023 09:00	10/31/2023 16:01	SMA NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04
104-51-8	n-Butylbenzene	ND		ug/L	0.399	0.500	1	EPA 8260C Certifications:	10/31/2023 09:00	10/31/2023 16:01	SMA CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
103-65-1	n-Propylbenzene	ND		ug/L	0.384	0.500	1	EPA 8260C Certifications:	10/31/2023 09:00	10/31/2023 16:01	SMA CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
95-47-6	o-Xylene	ND		ug/L	0.261	0.500	1	EPA 8260C Certifications:	10/31/2023 09:00	10/31/2023 16:01	SMA CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP-68
179601-23-1	p- & m- Xylenes	ND		ug/L	0.578	1.00	1	EPA 8260C Certifications:	10/31/2023 09:00	10/31/2023 16:01	SMA CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP-68
105-05-5	* p-Diethylbenzene	ND		ug/L	0.341	0.500	1	EPA 8260C Certifications:	10/31/2023 09:00	10/31/2023 16:01	SMA
622-96-8	* p-Ethyltoluene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	10/31/2023 09:00	10/31/2023 16:01	SMA
99-87-6	p-Isopropyltoluene	ND		ug/L	0.377	0.500	1	EPA 8260C Certifications:	10/31/2023 09:00	10/31/2023 16:01	SMA CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
135-98-8	**sec-Butylbenzene**	**1.02**		ug/L	0.444	0.500	1	EPA 8260C Certifications:	10/31/2023 09:00	10/31/2023 16:01	SMA CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-C
100-42-5	Styrene	ND		ug/L	0.255	0.500	1	EPA 8260C Certifications:	10/31/2023 09:00	10/31/2023 16:01	SMA CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
98-06-6	tert-Butylbenzene	ND		ug/L	0.367	0.500	1	EPA 8260C Certifications:	10/31/2023 09:00	10/31/2023 16:01	SMA CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
127-18-4	**Tetrachloroethylene**	**0.280**	J, CCVE, ICVE, QL-02	ug/L	0.239	0.500	1	EPA 8260C Certifications:	10/31/2023 09:00	10/31/2023 16:01	SMA CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-C
108-88-3	Toluene	ND		ug/L	0.346	0.500	1	EPA 8260C Certifications:	10/31/2023 09:00	10/31/2023 16:01	SMA CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.279	0.500	1	EPA 8260C Certifications:	10/31/2023 09:00	10/31/2023 16:01	SMA CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.229	0.500	1	EPA 8260C Certifications:	10/31/2023 09:00	10/31/2023 16:01	SMA CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
79-01-6	Trichloroethylene	ND		ug/L	0.249	0.500	1	EPA 8260C Certifications:	10/31/2023 09:00	10/31/2023 16:01	SMA CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
75-69-4	Trichlorofluoromethane	ND		ug/L	0.337	0.500	1	EPA 8260C Certifications:	10/31/2023 09:00	10/31/2023 16:01	SMA CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
75-01-4	Vinyl Chloride	ND		ug/L	0.469	0.500	1	EPA 8260C Certifications:	10/31/2023 09:00	10/31/2023 16:01	SMA CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
1330-20-7	Xylenes, Total	ND		ug/L	0.836	1.50	1	EPA 8260C Certifications:	10/31/2023 09:00	10/31/2023 16:01	SMA CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT

Surrogate Recoveries	Result	Acceptance Range

Sample Information

Client Sample ID: 2020-03C-R **York Sample ID:** 23J1626-11

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23J1626	80 Banks Avenue Rockville Centre 12-190 DS	Ground Water	October 24, 2023 10:40 am	10/25/2023

Volatile Organics, 8260 List - Low Level

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*	*103 %*			*69-130*						
2037-26-5	*Surrogate: SURR: Toluene-d8*	*98.1 %*			*81-117*						
460-00-4	*Surrogate: SURR: p-Bromofluorobenzene*	*96.9 %*			*79-122*						

Sample Information

Client Sample ID: 2010-03D **York Sample ID:** 23J1626-12

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23J1626	80 Banks Avenue Rockville Centre 12-190 DS	Ground Water	October 24, 2023 11:25 am	10/25/2023

Volatile Organics, 8260 List - Low Level

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:	10/31/2023 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	10/31/2023 16:28	SMA
71-55-6	1,1,1-Trichloroethane	ND		ug/L	0.266	0.500	1	EPA 8260C Certifications:	10/31/2023 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	10/31/2023 16:28	SMA
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.256	0.500	1	EPA 8260C Certifications:	10/31/2023 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	10/31/2023 16:28	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:	10/31/2023 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	10/31/2023 16:28	SMA
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.249	0.500	1	EPA 8260C Certifications:	10/31/2023 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	10/31/2023 16:28	SMA
75-34-3	1,1-Dichloroethane	ND		ug/L	0.272	0.500	1	EPA 8260C Certifications:	10/31/2023 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	10/31/2023 16:28	SMA
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.327	0.500	1	EPA 8260C Certifications:	10/31/2023 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	10/31/2023 16:28	SMA
563-58-6	1,1-Dichloropropylene	ND		ug/L	0.314	0.500	1	EPA 8260C Certifications:	10/31/2023 09:00 NELAC-NY10854,NELAC-NY12058,NJDEP-CT005	10/31/2023 16:28	SMA
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	0.222	0.500	1	EPA 8260C Certifications:	10/31/2023 09:00 NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	10/31/2023 16:28	SMA
96-18-4	1,2,3-Trichloropropane	ND		ug/L	0.273	0.500	1	EPA 8260C Certifications:	10/31/2023 09:00 NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	10/31/2023 16:28	SMA
95-93-2	* 1,2,4,5-Tetramethylbenzene	ND		ug/L	0.255	0.500	1	EPA 8260C Certifications:	10/31/2023 09:00	10/31/2023 16:28	SMA
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.138	0.500	1	EPA 8260C Certifications:	10/31/2023 09:00 NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	10/31/2023 16:28	SMA
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	0.310	0.500	1	EPA 8260C Certifications:	10/31/2023 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	10/31/2023 16:28	SMA
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.432	0.500	1	EPA 8260C Certifications:	10/31/2023 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	10/31/2023 16:28	SMA

Sample Information

Client Sample ID: 2010-03D

York Sample ID: 23J1626-12

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23J1626	80 Banks Avenue Rockville Centre 12-190 DS	Ground Water	October 24, 2023 11:25 am	10/25/2023

Volatile Organics, 8260 List - Low Level

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:	10/31/2023 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	10/31/2023 16:28	SMA
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.270	0.500	1	EPA 8260C Certifications:	10/31/2023 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	10/31/2023 16:28	SMA
107-06-2	1,2-Dichloroethane	ND		ug/L	0.377	0.500	1	EPA 8260C Certifications:	10/31/2023 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	10/31/2023 16:28	SMA
78-87-5	1,2-Dichloropropane	ND		ug/L	0.327	0.500	1	EPA 8260C Certifications:	10/31/2023 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	10/31/2023 16:28	SMA
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	0.347	0.500	1	EPA 8260C Certifications:	10/31/2023 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	10/31/2023 16:28	SMA
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.283	0.500	1	EPA 8260C Certifications:	10/31/2023 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	10/31/2023 16:28	SMA
142-28-9	1,3-Dichloropropane	ND		ug/L	0.260	0.500	1	EPA 8260C Certifications:	10/31/2023 09:00 NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	10/31/2023 16:28	SMA
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.311	0.500	1	EPA 8260C Certifications:	10/31/2023 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	10/31/2023 16:28	SMA
594-20-7	2,2-Dichloropropane	ND		ug/L	0.466	0.500	1	EPA 8260C Certifications:	10/31/2023 09:00 NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	10/31/2023 16:28	SMA
78-93-3	2-Butanone	ND		ug/L	0.421	0.500	1	EPA 8260C Certifications:	10/31/2023 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	10/31/2023 16:28	SMA
95-49-8	2-Chlorotoluene	ND		ug/L	0.376	0.500	1	EPA 8260C Certifications:	10/31/2023 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	10/31/2023 16:28	SMA
591-78-6	2-Hexanone	ND		ug/L	0.320	0.500	1	EPA 8260C Certifications:	10/31/2023 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	10/31/2023 16:28	SMA
106-43-4	4-Chlorotoluene	ND		ug/L	0.311	0.500	1	EPA 8260C Certifications:	10/31/2023 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	10/31/2023 16:28	SMA
108-10-1	4-Methyl-2-pentanone	ND		ug/L	0.365	0.500	1	EPA 8260C Certifications:	10/31/2023 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	10/31/2023 16:28	SMA
67-64-1	Acetone	ND		ug/L	1.34	2.00	1	EPA 8260C Certifications:	10/31/2023 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	10/31/2023 16:28	SMA
71-43-2	Benzene	ND		ug/L	0.279	0.500	1	EPA 8260C Certifications:	10/31/2023 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	10/31/2023 16:28	SMA
108-86-1	Bromobenzene	ND		ug/L	0.367	0.500	1	EPA 8260C Certifications:	10/31/2023 09:00 NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	10/31/2023 16:28	SMA
74-97-5	Bromochloromethane	ND		ug/L	0.354	0.500	1	EPA 8260C Certifications:	10/31/2023 09:00 NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	10/31/2023 16:28	SMA
75-27-4	Bromodichloromethane	ND		ug/L	0.245	0.500	1	EPA 8260C Certifications:	10/31/2023 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	10/31/2023 16:28	SMA
75-25-2	Bromoform	ND		ug/L	0.163	0.500	1	EPA 8260C Certifications:	10/31/2023 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	10/31/2023 16:28	SMA
74-83-9	Bromomethane	ND	CCVE	ug/L	0.119	0.500	1	EPA 8260C Certifications:	10/31/2023 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	10/31/2023 16:28	SMA
75-15-0	Carbon disulfide	ND		ug/L	0.362	0.500	1	EPA 8260C Certifications:	10/31/2023 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	10/31/2023 16:28	SMA
56-23-5	Carbon tetrachloride	ND		ug/L	0.204	0.500	1	EPA 8260C Certifications:	10/31/2023 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	10/31/2023 16:28	SMA

Sample Information

Client Sample ID: 2010-03D **York Sample ID:** 23J1626-12

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23J1626	80 Banks Avenue Rockville Centre 12-190 DS	Ground Water	October 24, 2023 11:25 am	10/25/2023

Volatile Organics, 8260 List - Low Level

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:	10/31/2023 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	10/31/2023 16:28	SMA
75-00-3	Chloroethane	ND		ug/L	0.448	0.500	1	EPA 8260C Certifications:	10/31/2023 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	10/31/2023 16:28	SMA
67-66-3	Chloroform	ND		ug/L	0.243	0.500	1	EPA 8260C Certifications:	10/31/2023 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	10/31/2023 16:28	SMA
74-87-3	Chloromethane	ND		ug/L	0.372	0.500	1	EPA 8260C Certifications:	10/31/2023 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	10/31/2023 16:28	SMA
156-59-2	**cis-1,2-Dichloroethylene**	**16.4**		ug/L	0.294	0.500	1	EPA 8260C Certifications:	10/31/2023 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-C	10/31/2023 16:28	SMA
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.262	0.500	1	EPA 8260C Certifications:	10/31/2023 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	10/31/2023 16:28	SMA
124-48-1	Dibromochloromethane	ND		ug/L	0.146	0.500	1	EPA 8260C Certifications:	10/31/2023 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	10/31/2023 16:28	SMA
74-95-3	Dibromomethane	ND		ug/L	0.203	0.500	1	EPA 8260C Certifications:	10/31/2023 09:00 NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	10/31/2023 16:28	SMA
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.451	0.500	1	EPA 8260C Certifications:	10/31/2023 09:00 NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	10/31/2023 16:28	SMA
100-41-4	Ethyl Benzene	ND		ug/L	0.290	0.500	1	EPA 8260C Certifications:	10/31/2023 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	10/31/2023 16:28	SMA
87-68-3	Hexachlorobutadiene	ND		ug/L	0.241	0.500	1	EPA 8260C Certifications:	10/31/2023 09:00 NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	10/31/2023 16:28	SMA
98-82-8	Isopropylbenzene	ND		ug/L	0.405	0.500	1	EPA 8260C Certifications:	10/31/2023 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	10/31/2023 16:28	SMA
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.244	0.500	1	EPA 8260C Certifications:	10/31/2023 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	10/31/2023 16:28	SMA
75-09-2	Methylene chloride	ND	CAL-E	ug/L	0.397	2.00	1	EPA 8260C Certifications:	10/31/2023 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	10/31/2023 16:28	SMA
91-20-3	Naphthalene	ND		ug/L	0.212	2.00	1	EPA 8260C Certifications:	10/31/2023 09:00 NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	10/31/2023 16:28	SMA
104-51-8	n-Butylbenzene	ND		ug/L	0.399	0.500	1	EPA 8260C Certifications:	10/31/2023 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	10/31/2023 16:28	SMA
103-65-1	n-Propylbenzene	ND		ug/L	0.384	0.500	1	EPA 8260C Certifications:	10/31/2023 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	10/31/2023 16:28	SMA
95-47-6	o-Xylene	ND		ug/L	0.261	0.500	1	EPA 8260C Certifications:	10/31/2023 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP-68	10/31/2023 16:28	SMA
179601-23-1	p- & m- Xylenes	ND		ug/L	0.578	1.00	1	EPA 8260C Certifications:	10/31/2023 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP-68	10/31/2023 16:28	SMA
105-05-5	* p-Diethylbenzene	ND		ug/L	0.341	0.500	1	EPA 8260C Certifications:	10/31/2023 09:00	10/31/2023 16:28	SMA
622-96-8	* p-Ethyltoluene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	10/31/2023 09:00	10/31/2023 16:28	SMA
99-87-6	p-Isopropyltoluene	ND		ug/L	0.377	0.500	1	EPA 8260C Certifications:	10/31/2023 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	10/31/2023 16:28	SMA
135-98-8	sec-Butylbenzene	ND		ug/L	0.444	0.500	1	EPA 8260C Certifications:	10/31/2023 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	10/31/2023 16:28	SMA

Sample Information

Client Sample ID: 2010-03D **York Sample ID:** 23J1626-12

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23J1626	80 Banks Avenue Rockville Centre 12-190 DS	Ground Water	October 24, 2023 11:25 am	10/25/2023

Volatile Organics, 8260 List - Low Level

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:	10/31/2023 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	10/31/2023 16:28	SMA
98-06-6	tert-Butylbenzene	ND		ug/L	0.367	0.500	1	EPA 8260C Certifications:	10/31/2023 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	10/31/2023 16:28	SMA
127-18-4	**Tetrachloroethylene**	**69.8**	CCVE, ICVE, QL-02	ug/L	1.20	2.50	5	EPA 8260C Certifications:	11/01/2023 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	11/01/2023 13:30	SMA
108-88-3	Toluene	ND		ug/L	0.346	0.500	1	EPA 8260C Certifications:	10/31/2023 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	10/31/2023 16:28	SMA
156-60-5	**trans-1,2-Dichloroethylene**	**0.330**	J	ug/L	0.279	0.500	1	EPA 8260C Certifications:	10/31/2023 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	10/31/2023 16:28	SMA
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.229	0.500	1	EPA 8260C Certifications:	10/31/2023 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	10/31/2023 16:28	SMA
79-01-6	**Trichloroethylene**	**11.0**		ug/L	0.249	0.500	1	EPA 8260C Certifications:	10/31/2023 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	10/31/2023 16:28	SMA
75-69-4	Trichlorofluoromethane	ND		ug/L	0.337	0.500	1	EPA 8260C Certifications:	10/31/2023 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	10/31/2023 16:28	SMA
75-01-4	Vinyl Chloride	ND		ug/L	0.469	0.500	1	EPA 8260C Certifications:	10/31/2023 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	10/31/2023 16:28	SMA
1330-20-7	Xylenes, Total	ND		ug/L	0.836	1.50	1	EPA 8260C Certifications:	10/31/2023 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	10/31/2023 16:28	SMA

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: SURR: 1,2-Dichloroethane-d4*	*111 %*	*69-130*
2037-26-5	*Surrogate: SURR: Toluene-d8*	*96.3 %*	*81-117*
460-00-4	*Surrogate: SURR: p-Bromofluorobenzene*	*94.5 %*	*79-122*

Sample Information

Client Sample ID: 2013-04A **York Sample ID:** 23J1626-13

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23J1626	80 Banks Avenue Rockville Centre 12-190 DS	Ground Water	October 24, 2023 9:45 am	10/25/2023

Volatile Organics, 8260 List - Low Level

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:	11/01/2023 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	11/01/2023 13:57	SMA
71-55-6	1,1,1-Trichloroethane	ND		ug/L	0.266	0.500	1	EPA 8260C Certifications:	11/01/2023 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	11/01/2023 13:57	SMA
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.256	0.500	1	EPA 8260C Certifications:	11/01/2023 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	11/01/2023 13:57	SMA

Sample Information

Client Sample ID: 2013-04A

York Sample ID: 23J1626-13

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23J1626	80 Banks Avenue Rockville Centre 12-190 DS	Ground Water	October 24, 2023 9:45 am	10/25/2023

Volatile Organics, 8260 List - Low Level

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:	11/01/2023 09:00	11/01/2023 13:57	SMA CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.249	0.500	1	EPA 8260C Certifications:	11/01/2023 09:00	11/01/2023 13:57	SMA CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
75-34-3	1,1-Dichloroethane	ND		ug/L	0.272	0.500	1	EPA 8260C Certifications:	11/01/2023 09:00	11/01/2023 13:57	SMA CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.327	0.500	1	EPA 8260C Certifications:	11/01/2023 09:00	11/01/2023 13:57	SMA CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
563-58-6	1,1-Dichloropropylene	ND		ug/L	0.314	0.500	1	EPA 8260C Certifications:	11/01/2023 09:00	11/01/2023 13:57	SMA NELAC-NY10854,NELAC-NY12058,NJDEP-CT005
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	0.222	0.500	1	EPA 8260C Certifications:	11/01/2023 09:00	11/01/2023 13:57	SMA NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04
96-18-4	1,2,3-Trichloropropane	ND		ug/L	0.273	0.500	1	EPA 8260C Certifications:	11/01/2023 09:00	11/01/2023 13:57	SMA NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04
95-93-2	* 1,2,4,5-Tetramethylbenzene	ND		ug/L	0.255	0.500	1	EPA 8260C Certifications:	11/01/2023 09:00	11/01/2023 13:57	SMA
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.138	0.500	1	EPA 8260C Certifications:	11/01/2023 09:00	11/01/2023 13:57	SMA NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	0.310	0.500	1	EPA 8260C Certifications:	11/01/2023 09:00	11/01/2023 13:57	SMA CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.432	0.500	1	EPA 8260C Certifications:	11/01/2023 09:00	11/01/2023 13:57	SMA CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
106-93-4	1,2-Dibromoethane	ND		ug/L	0.215	0.500	1	EPA 8260C Certifications:	11/01/2023 09:00	11/01/2023 13:57	SMA CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.270	0.500	1	EPA 8260C Certifications:	11/01/2023 09:00	11/01/2023 13:57	SMA CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
107-06-2	1,2-Dichloroethane	ND		ug/L	0.377	0.500	1	EPA 8260C Certifications:	11/01/2023 09:00	11/01/2023 13:57	SMA CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
78-87-5	1,2-Dichloropropane	ND		ug/L	0.327	0.500	1	EPA 8260C Certifications:	11/01/2023 09:00	11/01/2023 13:57	SMA CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	0.347	0.500	1	EPA 8260C Certifications:	11/01/2023 09:00	11/01/2023 13:57	SMA CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.283	0.500	1	EPA 8260C Certifications:	11/01/2023 09:00	11/01/2023 13:57	SMA CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
142-28-9	1,3-Dichloropropane	ND		ug/L	0.260	0.500	1	EPA 8260C Certifications:	11/01/2023 09:00	11/01/2023 13:57	SMA NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.311	0.500	1	EPA 8260C Certifications:	11/01/2023 09:00	11/01/2023 13:57	SMA CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
594-20-7	2,2-Dichloropropane	ND		ug/L	0.466	0.500	1	EPA 8260C Certifications:	11/01/2023 09:00	11/01/2023 13:57	SMA NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04
78-93-3	2-Butanone	ND		ug/L	0.421	0.500	1	EPA 8260C Certifications:	11/01/2023 09:00	11/01/2023 13:57	SMA CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
95-49-8	2-Chlorotoluene	ND		ug/L	0.376	0.500	1	EPA 8260C Certifications:	11/01/2023 09:00	11/01/2023 13:57	SMA CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
591-78-6	2-Hexanone	ND		ug/L	0.320	0.500	1	EPA 8260C Certifications:	11/01/2023 09:00	11/01/2023 13:57	SMA CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT

Sample Information

Client Sample ID: 2013-04A

York Sample ID: 23J1626-13

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23J1626	80 Banks Avenue Rockville Centre 12-190 DS	Ground Water	October 24, 2023 9:45 am	10/25/2023

Volatile Organics, 8260 List - Low Level

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:	11/01/2023 09:00	11/01/2023 13:57	SMA CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
108-10-1	4-Methyl-2-pentanone	ND		ug/L	0.365	0.500	1	EPA 8260C Certifications:	11/01/2023 09:00	11/01/2023 13:57	SMA CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
67-64-1	Acetone	ND		ug/L	1.34	2.00	1	EPA 8260C Certifications:	11/01/2023 09:00	11/01/2023 13:57	SMA CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
71-43-2	Benzene	ND		ug/L	0.279	0.500	1	EPA 8260C Certifications:	11/01/2023 09:00	11/01/2023 13:57	SMA CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
108-86-1	Bromobenzene	ND		ug/L	0.367	0.500	1	EPA 8260C Certifications:	11/01/2023 09:00	11/01/2023 13:57	SMA NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04
74-97-5	Bromochloromethane	ND		ug/L	0.354	0.500	1	EPA 8260C Certifications:	11/01/2023 09:00	11/01/2023 13:57	SMA NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04
75-27-4	Bromodichloromethane	ND		ug/L	0.245	0.500	1	EPA 8260C Certifications:	11/01/2023 09:00	11/01/2023 13:57	SMA CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
75-25-2	Bromoform	ND		ug/L	0.163	0.500	1	EPA 8260C Certifications:	11/01/2023 09:00	11/01/2023 13:57	SMA CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
74-83-9	Bromomethane	ND		ug/L	0.119	0.500	1	EPA 8260C Certifications:	11/01/2023 09:00	11/01/2023 13:57	SMA CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
75-15-0	Carbon disulfide	ND		ug/L	0.362	0.500	1	EPA 8260C Certifications:	11/01/2023 09:00	11/01/2023 13:57	SMA CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
56-23-5	Carbon tetrachloride	ND		ug/L	0.204	0.500	1	EPA 8260C Certifications:	11/01/2023 09:00	11/01/2023 13:57	SMA CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
108-90-7	Chlorobenzene	ND		ug/L	0.284	0.500	1	EPA 8260C Certifications:	11/01/2023 09:00	11/01/2023 13:57	SMA CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
75-00-3	Chloroethane	ND		ug/L	0.448	0.500	1	EPA 8260C Certifications:	11/01/2023 09:00	11/01/2023 13:57	SMA CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
67-66-3	Chloroform	ND		ug/L	0.243	0.500	1	EPA 8260C Certifications:	11/01/2023 09:00	11/01/2023 13:57	SMA CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
74-87-3	Chloromethane	ND		ug/L	0.372	0.500	1	EPA 8260C Certifications:	11/01/2023 09:00	11/01/2023 13:57	SMA CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
156-59-2	cis-1,2-Dichloroethylene	ND		ug/L	0.294	0.500	1	EPA 8260C Certifications:	11/01/2023 09:00	11/01/2023 13:57	SMA CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.262	0.500	1	EPA 8260C Certifications:	11/01/2023 09:00	11/01/2023 13:57	SMA CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
124-48-1	Dibromochloromethane	ND		ug/L	0.146	0.500	1	EPA 8260C Certifications:	11/01/2023 09:00	11/01/2023 13:57	SMA CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
74-95-3	Dibromomethane	ND		ug/L	0.203	0.500	1	EPA 8260C Certifications:	11/01/2023 09:00	11/01/2023 13:57	SMA NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.451	0.500	1	EPA 8260C Certifications:	11/01/2023 09:00	11/01/2023 13:57	SMA NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04
100-41-4	Ethyl Benzene	ND		ug/L	0.290	0.500	1	EPA 8260C Certifications:	11/01/2023 09:00	11/01/2023 13:57	SMA CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
87-68-3	Hexachlorobutadiene	ND		ug/L	0.241	0.500	1	EPA 8260C Certifications:	11/01/2023 09:00	11/01/2023 13:57	SMA NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04
98-82-8	Isopropylbenzene	ND		ug/L	0.405	0.500	1	EPA 8260C Certifications:	11/01/2023 09:00	11/01/2023 13:57	SMA CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT

Sample Information

Client Sample ID: 2013-04A

York Sample ID: 23J1626-13

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23J1626	80 Banks Avenue Rockville Centre 12-190 DS	Ground Water	October 24, 2023 9:45 am	10/25/2023

Volatile Organics, 8260 List - Low Level

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:	11/01/2023 09:00	11/01/2023 13:57	SMA CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
75-09-2	Methylene chloride	ND	CAL-E	ug/L	0.397	2.00	1	EPA 8260C Certifications:	11/01/2023 09:00	11/01/2023 13:57	SMA CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
91-20-3	Naphthalene	ND		ug/L	0.212	2.00	1	EPA 8260C Certifications:	11/01/2023 09:00	11/01/2023 13:57	SMA NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04
104-51-8	n-Butylbenzene	ND		ug/L	0.399	0.500	1	EPA 8260C Certifications:	11/01/2023 09:00	11/01/2023 13:57	SMA CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
103-65-1	n-Propylbenzene	ND		ug/L	0.384	0.500	1	EPA 8260C Certifications:	11/01/2023 09:00	11/01/2023 13:57	SMA CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
95-47-6	o-Xylene	ND		ug/L	0.261	0.500	1	EPA 8260C Certifications:	11/01/2023 09:00	11/01/2023 13:57	SMA CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP-68
179601-23-1	p- & m- Xylenes	ND		ug/L	0.578	1.00	1	EPA 8260C Certifications:	11/01/2023 09:00	11/01/2023 13:57	SMA CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP-68
105-05-5	* p-Diethylbenzene	ND		ug/L	0.341	0.500	1	EPA 8260C Certifications:	11/01/2023 09:00	11/01/2023 13:57	SMA
622-96-8	* p-Ethyltoluene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	11/01/2023 09:00	11/01/2023 13:57	SMA
99-87-6	p-Isopropyltoluene	ND		ug/L	0.377	0.500	1	EPA 8260C Certifications:	11/01/2023 09:00	11/01/2023 13:57	SMA CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
135-98-8	sec-Butylbenzene	ND		ug/L	0.444	0.500	1	EPA 8260C Certifications:	11/01/2023 09:00	11/01/2023 13:57	SMA CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
100-42-5	Styrene	ND		ug/L	0.255	0.500	1	EPA 8260C Certifications:	11/01/2023 09:00	11/01/2023 13:57	SMA CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
98-06-6	tert-Butylbenzene	ND		ug/L	0.367	0.500	1	EPA 8260C Certifications:	11/01/2023 09:00	11/01/2023 13:57	SMA CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
127-18-4	Tetrachloroethylene	ND	CCVE, ICVE, QL-02	ug/L	0.239	0.500	1	EPA 8260C Certifications:	11/01/2023 09:00	11/01/2023 13:57	SMA CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
108-88-3	Toluene	ND		ug/L	0.346	0.500	1	EPA 8260C Certifications:	11/01/2023 09:00	11/01/2023 13:57	SMA CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.279	0.500	1	EPA 8260C Certifications:	11/01/2023 09:00	11/01/2023 13:57	SMA CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.229	0.500	1	EPA 8260C Certifications:	11/01/2023 09:00	11/01/2023 13:57	SMA CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
79-01-6	Trichloroethylene	ND		ug/L	0.249	0.500	1	EPA 8260C Certifications:	11/01/2023 09:00	11/01/2023 13:57	SMA CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
75-69-4	Trichlorofluoromethane	ND		ug/L	0.337	0.500	1	EPA 8260C Certifications:	11/01/2023 09:00	11/01/2023 13:57	SMA CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
75-01-4	Vinyl Chloride	ND		ug/L	0.469	0.500	1	EPA 8260C Certifications:	11/01/2023 09:00	11/01/2023 13:57	SMA CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
1330-20-7	Xylenes, Total	ND		ug/L	0.836	1.50	1	EPA 8260C Certifications:	11/01/2023 09:00	11/01/2023 13:57	SMA CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: SURR: 1,2-Dichloroethane-d4*	*108 %*	*69-130*
2037-26-5	*Surrogate: SURR: Toluene-d8*	*98.3 %*	*81-117*

Sample Information

Client Sample ID: 2013-04A **York Sample ID:** 23J1626-13

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23J1626	80 Banks Avenue Rockville Centre 12-190 DS	Ground Water	October 24, 2023 9:45 am	10/25/2023

Volatile Organics, 8260 List - Low Level

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*	*85.6 %*			*79-122*						

Sample Information

Client Sample ID: 2013-04B **York Sample ID:** 23J1626-14

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23J1626	80 Banks Avenue Rockville Centre 12-190 DS	Ground Water	October 24, 2023 10:15 am	10/25/2023

Volatile Organics, 8260 List - Low Level

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:	10/31/2023 09:00	10/31/2023 17:21	SMA CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
71-55-6	1,1,1-Trichloroethane	ND		ug/L	0.266	0.500	1	EPA 8260C Certifications:	10/31/2023 09:00	10/31/2023 17:21	SMA CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.256	0.500	1	EPA 8260C Certifications:	10/31/2023 09:00	10/31/2023 17:21	SMA CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/L	0.286	0.500	1	EPA 8260C Certifications:	10/31/2023 09:00	10/31/2023 17:21	SMA CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.249	0.500	1	EPA 8260C Certifications:	10/31/2023 09:00	10/31/2023 17:21	SMA CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
75-34-3	1,1-Dichloroethane	ND		ug/L	0.272	0.500	1	EPA 8260C Certifications:	10/31/2023 09:00	10/31/2023 17:21	SMA CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.327	0.500	1	EPA 8260C Certifications:	10/31/2023 09:00	10/31/2023 17:21	SMA CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
563-58-6	1,1-Dichloropropylene	ND		ug/L	0.314	0.500	1	EPA 8260C Certifications:	10/31/2023 09:00	10/31/2023 17:21	SMA NELAC-NY10854,NELAC-NY12058,NJDEP-CT005
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	0.222	0.500	1	EPA 8260C Certifications:	10/31/2023 09:00	10/31/2023 17:21	SMA NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04
96-18-4	1,2,3-Trichloropropane	ND		ug/L	0.273	0.500	1	EPA 8260C Certifications:	10/31/2023 09:00	10/31/2023 17:21	SMA NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04
95-93-2	* 1,2,4,5-Tetramethylbenzene	ND		ug/L	0.255	0.500	1	EPA 8260C Certifications:	10/31/2023 09:00	10/31/2023 17:21	SMA
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.138	0.500	1	EPA 8260C Certifications:	10/31/2023 09:00	10/31/2023 17:21	SMA NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	0.310	0.500	1	EPA 8260C Certifications:	10/31/2023 09:00	10/31/2023 17:21	SMA CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.432	0.500	1	EPA 8260C Certifications:	10/31/2023 09:00	10/31/2023 17:21	SMA CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
106-93-4	1,2-Dibromoethane	ND		ug/L	0.215	0.500	1	EPA 8260C Certifications:	10/31/2023 09:00	10/31/2023 17:21	SMA CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT

Sample Information

Client Sample ID: 2013-04B

York Sample ID: 23J1626-14

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23J1626	80 Banks Avenue Rockville Centre 12-190 DS	Ground Water	October 24, 2023 10:15 am	10/25/2023

Volatile Organics, 8260 List - Low Level

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:	10/31/2023 09:00	10/31/2023 17:21	SMA CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
107-06-2	1,2-Dichloroethane	ND		ug/L	0.377	0.500	1	EPA 8260C Certifications:	10/31/2023 09:00	10/31/2023 17:21	SMA CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
78-87-5	1,2-Dichloropropane	ND		ug/L	0.327	0.500	1	EPA 8260C Certifications:	10/31/2023 09:00	10/31/2023 17:21	SMA CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	0.347	0.500	1	EPA 8260C Certifications:	10/31/2023 09:00	10/31/2023 17:21	SMA CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.283	0.500	1	EPA 8260C Certifications:	10/31/2023 09:00	10/31/2023 17:21	SMA CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
142-28-9	1,3-Dichloropropane	ND		ug/L	0.260	0.500	1	EPA 8260C Certifications:	10/31/2023 09:00	10/31/2023 17:21	SMA NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.311	0.500	1	EPA 8260C Certifications:	10/31/2023 09:00	10/31/2023 17:21	SMA CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
594-20-7	2,2-Dichloropropane	ND		ug/L	0.466	0.500	1	EPA 8260C Certifications:	10/31/2023 09:00	10/31/2023 17:21	SMA NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04
78-93-3	2-Butanone	ND		ug/L	0.421	0.500	1	EPA 8260C Certifications:	10/31/2023 09:00	10/31/2023 17:21	SMA CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
95-49-8	2-Chlorotoluene	ND		ug/L	0.376	0.500	1	EPA 8260C Certifications:	10/31/2023 09:00	10/31/2023 17:21	SMA CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
591-78-6	2-Hexanone	ND		ug/L	0.320	0.500	1	EPA 8260C Certifications:	10/31/2023 09:00	10/31/2023 17:21	SMA CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
106-43-4	4-Chlorotoluene	ND		ug/L	0.311	0.500	1	EPA 8260C Certifications:	10/31/2023 09:00	10/31/2023 17:21	SMA CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
108-10-1	4-Methyl-2-pentanone	ND		ug/L	0.365	0.500	1	EPA 8260C Certifications:	10/31/2023 09:00	10/31/2023 17:21	SMA CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
67-64-1	Acetone	ND		ug/L	1.34	2.00	1	EPA 8260C Certifications:	10/31/2023 09:00	10/31/2023 17:21	SMA CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
71-43-2	Benzene	ND		ug/L	0.279	0.500	1	EPA 8260C Certifications:	10/31/2023 09:00	10/31/2023 17:21	SMA CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
108-86-1	Bromobenzene	ND		ug/L	0.367	0.500	1	EPA 8260C Certifications:	10/31/2023 09:00	10/31/2023 17:21	SMA NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04
74-97-5	Bromochloromethane	ND		ug/L	0.354	0.500	1	EPA 8260C Certifications:	10/31/2023 09:00	10/31/2023 17:21	SMA NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04
75-27-4	Bromodichloromethane	ND		ug/L	0.245	0.500	1	EPA 8260C Certifications:	10/31/2023 09:00	10/31/2023 17:21	SMA CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
75-25-2	Bromoform	ND		ug/L	0.163	0.500	1	EPA 8260C Certifications:	10/31/2023 09:00	10/31/2023 17:21	SMA CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
74-83-9	Bromomethane	ND	CCVE	ug/L	0.119	0.500	1	EPA 8260C Certifications:	10/31/2023 09:00	10/31/2023 17:21	SMA CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
75-15-0	Carbon disulfide	ND		ug/L	0.362	0.500	1	EPA 8260C Certifications:	10/31/2023 09:00	10/31/2023 17:21	SMA CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
56-23-5	Carbon tetrachloride	ND		ug/L	0.204	0.500	1	EPA 8260C Certifications:	10/31/2023 09:00	10/31/2023 17:21	SMA CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
108-90-7	Chlorobenzene	ND		ug/L	0.284	0.500	1	EPA 8260C Certifications:	10/31/2023 09:00	10/31/2023 17:21	SMA CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT

Sample Information

Client Sample ID: 2013-04B

York Sample ID: 23J1626-14

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23J1626	80 Banks Avenue Rockville Centre 12-190 DS	Ground Water	October 24, 2023 10:15 am	10/25/2023

Volatile Organics, 8260 List - Low Level

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:	10/31/2023 09:00	10/31/2023 17:21	SMA CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
67-66-3	Chloroform	ND		ug/L	0.243	0.500	1	EPA 8260C Certifications:	10/31/2023 09:00	10/31/2023 17:21	SMA CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
74-87-3	Chloromethane	ND		ug/L	0.372	0.500	1	EPA 8260C Certifications:	10/31/2023 09:00	10/31/2023 17:21	SMA CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
156-59-2	cis-1,2-Dichloroethylene	ND		ug/L	0.294	0.500	1	EPA 8260C Certifications:	10/31/2023 09:00	10/31/2023 17:21	SMA CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.262	0.500	1	EPA 8260C Certifications:	10/31/2023 09:00	10/31/2023 17:21	SMA CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
124-48-1	Dibromochloromethane	ND		ug/L	0.146	0.500	1	EPA 8260C Certifications:	10/31/2023 09:00	10/31/2023 17:21	SMA CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
74-95-3	Dibromomethane	ND		ug/L	0.203	0.500	1	EPA 8260C Certifications:	10/31/2023 09:00	10/31/2023 17:21	SMA NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.451	0.500	1	EPA 8260C Certifications:	10/31/2023 09:00	10/31/2023 17:21	SMA NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04
100-41-4	Ethyl Benzene	ND		ug/L	0.290	0.500	1	EPA 8260C Certifications:	10/31/2023 09:00	10/31/2023 17:21	SMA CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
87-68-3	Hexachlorobutadiene	ND		ug/L	0.241	0.500	1	EPA 8260C Certifications:	10/31/2023 09:00	10/31/2023 17:21	SMA NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04
98-82-8	Isopropylbenzene	ND		ug/L	0.405	0.500	1	EPA 8260C Certifications:	10/31/2023 09:00	10/31/2023 17:21	SMA CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.244	0.500	1	EPA 8260C Certifications:	10/31/2023 09:00	10/31/2023 17:21	SMA CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
75-09-2	Methylene chloride	ND	CAL-E	ug/L	0.397	2.00	1	EPA 8260C Certifications:	10/31/2023 09:00	10/31/2023 17:21	SMA CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
91-20-3	Naphthalene	ND		ug/L	0.212	2.00	1	EPA 8260C Certifications:	10/31/2023 09:00	10/31/2023 17:21	SMA NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04
104-51-8	n-Butylbenzene	ND		ug/L	0.399	0.500	1	EPA 8260C Certifications:	10/31/2023 09:00	10/31/2023 17:21	SMA CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
103-65-1	n-Propylbenzene	ND		ug/L	0.384	0.500	1	EPA 8260C Certifications:	10/31/2023 09:00	10/31/2023 17:21	SMA CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
95-47-6	o-Xylene	ND		ug/L	0.261	0.500	1	EPA 8260C Certifications:	10/31/2023 09:00	10/31/2023 17:21	SMA CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP-68
179601-23-1	p- & m- Xylenes	ND		ug/L	0.578	1.00	1	EPA 8260C Certifications:	10/31/2023 09:00	10/31/2023 17:21	SMA CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP-68
105-05-5	* p-Diethylbenzene	ND		ug/L	0.341	0.500	1	EPA 8260C Certifications:	10/31/2023 09:00	10/31/2023 17:21	SMA
622-96-8	* p-Ethyltoluene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	10/31/2023 09:00	10/31/2023 17:21	SMA
99-87-6	p-Isopropyltoluene	ND		ug/L	0.377	0.500	1	EPA 8260C Certifications:	10/31/2023 09:00	10/31/2023 17:21	SMA CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
135-98-8	sec-Butylbenzene	ND		ug/L	0.444	0.500	1	EPA 8260C Certifications:	10/31/2023 09:00	10/31/2023 17:21	SMA CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
100-42-5	Styrene	ND		ug/L	0.255	0.500	1	EPA 8260C Certifications:	10/31/2023 09:00	10/31/2023 17:21	SMA CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT

Sample Information

Client Sample ID: 2013-04B **York Sample ID:** 23J1626-14

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23J1626	80 Banks Avenue Rockville Centre 12-190 DS	Ground Water	October 24, 2023 10:15 am	10/25/2023

Volatile Organics, 8260 List - Low Level

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:	10/31/2023 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	10/31/2023 17:21	SMA
127-18-4	Tetrachloroethylene	ND	CCVE, ICVE, QL-02	ug/L	0.239	0.500	1	EPA 8260C Certifications:	10/31/2023 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	10/31/2023 17:21	SMA
108-88-3	Toluene	ND		ug/L	0.346	0.500	1	EPA 8260C Certifications:	10/31/2023 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	10/31/2023 17:21	SMA
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.279	0.500	1	EPA 8260C Certifications:	10/31/2023 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	10/31/2023 17:21	SMA
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.229	0.500	1	EPA 8260C Certifications:	10/31/2023 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	10/31/2023 17:21	SMA
79-01-6	Trichloroethylene	ND		ug/L	0.249	0.500	1	EPA 8260C Certifications:	10/31/2023 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	10/31/2023 17:21	SMA
75-69-4	Trichlorofluoromethane	ND		ug/L	0.337	0.500	1	EPA 8260C Certifications:	10/31/2023 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	10/31/2023 17:21	SMA
75-01-4	Vinyl Chloride	ND		ug/L	0.469	0.500	1	EPA 8260C Certifications:	10/31/2023 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	10/31/2023 17:21	SMA
1330-20-7	Xylenes, Total	ND		ug/L	0.836	1.50	1	EPA 8260C Certifications:	10/31/2023 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	10/31/2023 17:21	SMA

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: SURR: 1,2-Dichloroethane-d4*	*108 %*	*69-130*
2037-26-5	*Surrogate: SURR: Toluene-d8*	*97.4 %*	*81-117*
460-00-4	*Surrogate: SURR: p-Bromofluorobenzene*	*94.3 %*	*79-122*

Sample Information

Client Sample ID: 2013-04C **York Sample ID:** 23J1626-15

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23J1626	80 Banks Avenue Rockville Centre 12-190 DS	Ground Water	October 24, 2023 10:30 am	10/25/2023

Volatile Organics, 8260 List - Low Level

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:	10/31/2023 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	10/31/2023 17:47	SMA
71-55-6	1,1,1-Trichloroethane	ND		ug/L	0.266	0.500	1	EPA 8260C Certifications:	10/31/2023 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	10/31/2023 17:47	SMA
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.256	0.500	1	EPA 8260C Certifications:	10/31/2023 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	10/31/2023 17:47	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:	10/31/2023 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	10/31/2023 17:47	SMA

Sample Information

Client Sample ID: 2013-04C

York Sample ID: 23J1626-15

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23J1626	80 Banks Avenue Rockville Centre 12-190 DS	Ground Water	October 24, 2023 10:30 am	10/25/2023

Volatile Organics, 8260 List - Low Level

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:	10/31/2023 09:00	10/31/2023 17:47	SMA CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
75-34-3	1,1-Dichloroethane	ND		ug/L	0.272	0.500	1	EPA 8260C Certifications:	10/31/2023 09:00	10/31/2023 17:47	SMA CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.327	0.500	1	EPA 8260C Certifications:	10/31/2023 09:00	10/31/2023 17:47	SMA CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
563-58-6	1,1-Dichloropropylene	ND		ug/L	0.314	0.500	1	EPA 8260C Certifications:	10/31/2023 09:00	10/31/2023 17:47	SMA NELAC-NY10854,NELAC-NY12058,NJDEP-CT005
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	0.222	0.500	1	EPA 8260C Certifications:	10/31/2023 09:00	10/31/2023 17:47	SMA NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04
96-18-4	1,2,3-Trichloropropane	ND		ug/L	0.273	0.500	1	EPA 8260C Certifications:	10/31/2023 09:00	10/31/2023 17:47	SMA NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04
95-93-2	* 1,2,4,5-Tetramethylbenzene	ND		ug/L	0.255	0.500	1	EPA 8260C Certifications:	10/31/2023 09:00	10/31/2023 17:47	SMA
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.138	0.500	1	EPA 8260C Certifications:	10/31/2023 09:00	10/31/2023 17:47	SMA NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	0.310	0.500	1	EPA 8260C Certifications:	10/31/2023 09:00	10/31/2023 17:47	SMA CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.432	0.500	1	EPA 8260C Certifications:	10/31/2023 09:00	10/31/2023 17:47	SMA CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
106-93-4	1,2-Dibromoethane	ND		ug/L	0.215	0.500	1	EPA 8260C Certifications:	10/31/2023 09:00	10/31/2023 17:47	SMA CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.270	0.500	1	EPA 8260C Certifications:	10/31/2023 09:00	10/31/2023 17:47	SMA CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
107-06-2	1,2-Dichloroethane	ND		ug/L	0.377	0.500	1	EPA 8260C Certifications:	10/31/2023 09:00	10/31/2023 17:47	SMA CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
78-87-5	1,2-Dichloropropane	ND		ug/L	0.327	0.500	1	EPA 8260C Certifications:	10/31/2023 09:00	10/31/2023 17:47	SMA CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	0.347	0.500	1	EPA 8260C Certifications:	10/31/2023 09:00	10/31/2023 17:47	SMA CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.283	0.500	1	EPA 8260C Certifications:	10/31/2023 09:00	10/31/2023 17:47	SMA CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
142-28-9	1,3-Dichloropropane	ND		ug/L	0.260	0.500	1	EPA 8260C Certifications:	10/31/2023 09:00	10/31/2023 17:47	SMA NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.311	0.500	1	EPA 8260C Certifications:	10/31/2023 09:00	10/31/2023 17:47	SMA CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
594-20-7	2,2-Dichloropropane	ND		ug/L	0.466	0.500	1	EPA 8260C Certifications:	10/31/2023 09:00	10/31/2023 17:47	SMA NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04
78-93-3	2-Butanone	ND		ug/L	0.421	0.500	1	EPA 8260C Certifications:	10/31/2023 09:00	10/31/2023 17:47	SMA CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
95-49-8	2-Chlorotoluene	ND		ug/L	0.376	0.500	1	EPA 8260C Certifications:	10/31/2023 09:00	10/31/2023 17:47	SMA CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
591-78-6	2-Hexanone	ND		ug/L	0.320	0.500	1	EPA 8260C Certifications:	10/31/2023 09:00	10/31/2023 17:47	SMA CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
106-43-4	4-Chlorotoluene	ND		ug/L	0.311	0.500	1	EPA 8260C Certifications:	10/31/2023 09:00	10/31/2023 17:47	SMA CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT

Sample Information

Client Sample ID: 2013-04C

York Sample ID: 23J1626-15

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23J1626	80 Banks Avenue Rockville Centre 12-190 DS	Ground Water	October 24, 2023 10:30 am	10/25/2023

Volatile Organics, 8260 List - Low Level

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:	10/31/2023 09:00	10/31/2023 17:47	SMA CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
67-64-1	Acetone	ND		ug/L	1.34	2.00	1	EPA 8260C Certifications:	10/31/2023 09:00	10/31/2023 17:47	SMA CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
71-43-2	Benzene	ND		ug/L	0.279	0.500	1	EPA 8260C Certifications:	10/31/2023 09:00	10/31/2023 17:47	SMA CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
108-86-1	Bromobenzene	ND		ug/L	0.367	0.500	1	EPA 8260C Certifications:	10/31/2023 09:00	10/31/2023 17:47	SMA NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04
74-97-5	Bromochloromethane	ND		ug/L	0.354	0.500	1	EPA 8260C Certifications:	10/31/2023 09:00	10/31/2023 17:47	SMA NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04
75-27-4	Bromodichloromethane	ND		ug/L	0.245	0.500	1	EPA 8260C Certifications:	10/31/2023 09:00	10/31/2023 17:47	SMA CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
75-25-2	Bromoform	ND		ug/L	0.163	0.500	1	EPA 8260C Certifications:	10/31/2023 09:00	10/31/2023 17:47	SMA CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
74-83-9	Bromomethane	ND	CCVE	ug/L	0.119	0.500	1	EPA 8260C Certifications:	10/31/2023 09:00	10/31/2023 17:47	SMA CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
75-15-0	Carbon disulfide	ND		ug/L	0.362	0.500	1	EPA 8260C Certifications:	10/31/2023 09:00	10/31/2023 17:47	SMA CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
56-23-5	Carbon tetrachloride	ND		ug/L	0.204	0.500	1	EPA 8260C Certifications:	10/31/2023 09:00	10/31/2023 17:47	SMA CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
108-90-7	Chlorobenzene	ND		ug/L	0.284	0.500	1	EPA 8260C Certifications:	10/31/2023 09:00	10/31/2023 17:47	SMA CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
75-00-3	Chloroethane	ND		ug/L	0.448	0.500	1	EPA 8260C Certifications:	10/31/2023 09:00	10/31/2023 17:47	SMA CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
67-66-3	Chloroform	ND		ug/L	0.243	0.500	1	EPA 8260C Certifications:	10/31/2023 09:00	10/31/2023 17:47	SMA CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
74-87-3	Chloromethane	ND		ug/L	0.372	0.500	1	EPA 8260C Certifications:	10/31/2023 09:00	10/31/2023 17:47	SMA CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
156-59-2	**cis-1,2-Dichloroethylene**	**0.310**	J	ug/L	0.294	0.500	1	EPA 8260C Certifications:	10/31/2023 09:00	10/31/2023 17:47	SMA CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-C
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.262	0.500	1	EPA 8260C Certifications:	10/31/2023 09:00	10/31/2023 17:47	SMA CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
124-48-1	Dibromochloromethane	ND		ug/L	0.146	0.500	1	EPA 8260C Certifications:	10/31/2023 09:00	10/31/2023 17:47	SMA CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
74-95-3	Dibromomethane	ND		ug/L	0.203	0.500	1	EPA 8260C Certifications:	10/31/2023 09:00	10/31/2023 17:47	SMA NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.451	0.500	1	EPA 8260C Certifications:	10/31/2023 09:00	10/31/2023 17:47	SMA NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04
100-41-4	Ethyl Benzene	ND		ug/L	0.290	0.500	1	EPA 8260C Certifications:	10/31/2023 09:00	10/31/2023 17:47	SMA CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
87-68-3	Hexachlorobutadiene	ND		ug/L	0.241	0.500	1	EPA 8260C Certifications:	10/31/2023 09:00	10/31/2023 17:47	SMA NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04
98-82-8	Isopropylbenzene	ND		ug/L	0.405	0.500	1	EPA 8260C Certifications:	10/31/2023 09:00	10/31/2023 17:47	SMA CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.244	0.500	1	EPA 8260C Certifications:	10/31/2023 09:00	10/31/2023 17:47	SMA CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT

Sample Information

Client Sample ID: 2013-04C **York Sample ID:** 23J1626-15

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23J1626	80 Banks Avenue Rockville Centre 12-190 DS	Ground Water	October 24, 2023 10:30 am	10/25/2023

Volatile Organics, 8260 List - Low Level

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	CAL-E	ug/L	0.397	2.00	1	EPA 8260C Certifications:	10/31/2023 09:00	10/31/2023 17:47	SMA CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
91-20-3	Naphthalene	ND		ug/L	0.212	2.00	1	EPA 8260C Certifications:	10/31/2023 09:00	10/31/2023 17:47	SMA NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04
104-51-8	n-Butylbenzene	ND		ug/L	0.399	0.500	1	EPA 8260C Certifications:	10/31/2023 09:00	10/31/2023 17:47	SMA CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
103-65-1	n-Propylbenzene	ND		ug/L	0.384	0.500	1	EPA 8260C Certifications:	10/31/2023 09:00	10/31/2023 17:47	SMA CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
95-47-6	o-Xylene	ND		ug/L	0.261	0.500	1	EPA 8260C Certifications:	10/31/2023 09:00	10/31/2023 17:47	SMA CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP-68
179601-23-1	p- & m- Xylenes	ND		ug/L	0.578	1.00	1	EPA 8260C Certifications:	10/31/2023 09:00	10/31/2023 17:47	SMA CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP-68
105-05-5	* p-Diethylbenzene	ND		ug/L	0.341	0.500	1	EPA 8260C Certifications:	10/31/2023 09:00	10/31/2023 17:47	SMA
622-96-8	* p-Ethyltoluene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	10/31/2023 09:00	10/31/2023 17:47	SMA
99-87-6	p-Isopropyltoluene	ND		ug/L	0.377	0.500	1	EPA 8260C Certifications:	10/31/2023 09:00	10/31/2023 17:47	SMA CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
135-98-8	sec-Butylbenzene	ND		ug/L	0.444	0.500	1	EPA 8260C Certifications:	10/31/2023 09:00	10/31/2023 17:47	SMA CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
100-42-5	Styrene	ND		ug/L	0.255	0.500	1	EPA 8260C Certifications:	10/31/2023 09:00	10/31/2023 17:47	SMA CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
98-06-6	tert-Butylbenzene	ND		ug/L	0.367	0.500	1	EPA 8260C Certifications:	10/31/2023 09:00	10/31/2023 17:47	SMA CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
127-18-4	Tetrachloroethylene	ND	CCVE, ICVE, QL-02	ug/L	0.239	0.500	1	EPA 8260C Certifications:	10/31/2023 09:00	10/31/2023 17:47	SMA CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
108-88-3	Toluene	ND		ug/L	0.346	0.500	1	EPA 8260C Certifications:	10/31/2023 09:00	10/31/2023 17:47	SMA CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.279	0.500	1	EPA 8260C Certifications:	10/31/2023 09:00	10/31/2023 17:47	SMA CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.229	0.500	1	EPA 8260C Certifications:	10/31/2023 09:00	10/31/2023 17:47	SMA CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
79-01-6	Trichloroethylene	ND		ug/L	0.249	0.500	1	EPA 8260C Certifications:	10/31/2023 09:00	10/31/2023 17:47	SMA CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
75-69-4	Trichlorofluoromethane	ND		ug/L	0.337	0.500	1	EPA 8260C Certifications:	10/31/2023 09:00	10/31/2023 17:47	SMA CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
75-01-4	Vinyl Chloride	ND		ug/L	0.469	0.500	1	EPA 8260C Certifications:	10/31/2023 09:00	10/31/2023 17:47	SMA CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
1330-20-7	Xylenes, Total	ND		ug/L	0.836	1.50	1	EPA 8260C Certifications:	10/31/2023 09:00	10/31/2023 17:47	SMA CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: SURR: 1,2-Dichloroethane-d4*	*106 %*	*69-130*
2037-26-5	*Surrogate: SURR: Toluene-d8*	*97.5 %*	*81-117*
460-00-4	*Surrogate: SURR: p-Bromofluorobenzene*	*95.5 %*	*79-122*

Sample Information

Client Sample ID: 2013-04C **York Sample ID:** 23J1626-15

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23J1626	80 Banks Avenue Rockville Centre 12-190 DS	Ground Water	October 24, 2023 10:30 am	10/25/2023

Sample Information

Client Sample ID: 2013-04D **York Sample ID:** 23J1626-16

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23J1626	80 Banks Avenue Rockville Centre 12-190 DS	Ground Water	October 24, 2023 9:22 am	10/25/2023

Volatile Organics, 8260 List - Low Level

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:	11/01/2023 09:00	11/01/2023 14:23	SMA CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
71-55-6	1,1,1-Trichloroethane	ND		ug/L	0.266	0.500	1	EPA 8260C Certifications:	11/01/2023 09:00	11/01/2023 14:23	SMA CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.256	0.500	1	EPA 8260C Certifications:	11/01/2023 09:00	11/01/2023 14:23	SMA CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/L	0.286	0.500	1	EPA 8260C Certifications:	11/01/2023 09:00	11/01/2023 14:23	SMA CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.249	0.500	1	EPA 8260C Certifications:	11/01/2023 09:00	11/01/2023 14:23	SMA CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
75-34-3	1,1-Dichloroethane	ND		ug/L	0.272	0.500	1	EPA 8260C Certifications:	11/01/2023 09:00	11/01/2023 14:23	SMA CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.327	0.500	1	EPA 8260C Certifications:	11/01/2023 09:00	11/01/2023 14:23	SMA CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
563-58-6	1,1-Dichloropropylene	ND		ug/L	0.314	0.500	1	EPA 8260C Certifications:	11/01/2023 09:00	11/01/2023 14:23	SMA NELAC-NY10854,NELAC-NY12058,NJDEP-CT005
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	0.222	0.500	1	EPA 8260C Certifications:	11/01/2023 09:00	11/01/2023 14:23	SMA NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04
96-18-4	1,2,3-Trichloropropane	ND		ug/L	0.273	0.500	1	EPA 8260C Certifications:	11/01/2023 09:00	11/01/2023 14:23	SMA NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04
95-93-2	* 1,2,4,5-Tetramethylbenzene	ND		ug/L	0.255	0.500	1	EPA 8260C Certifications:	11/01/2023 09:00	11/01/2023 14:23	SMA
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.138	0.500	1	EPA 8260C Certifications:	11/01/2023 09:00	11/01/2023 14:23	SMA NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	0.310	0.500	1	EPA 8260C Certifications:	11/01/2023 09:00	11/01/2023 14:23	SMA CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.432	0.500	1	EPA 8260C Certifications:	11/01/2023 09:00	11/01/2023 14:23	SMA CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
106-93-4	1,2-Dibromoethane	ND		ug/L	0.215	0.500	1	EPA 8260C Certifications:	11/01/2023 09:00	11/01/2023 14:23	SMA CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.270	0.500	1	EPA 8260C Certifications:	11/01/2023 09:00	11/01/2023 14:23	SMA CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
107-06-2	1,2-Dichloroethane	ND		ug/L	0.377	0.500	1	EPA 8260C Certifications:	11/01/2023 09:00	11/01/2023 14:23	SMA CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
78-87-5	1,2-Dichloropropane	ND		ug/L	0.327	0.500	1	EPA 8260C Certifications:	11/01/2023 09:00	11/01/2023 14:23	SMA CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	0.347	0.500	1	EPA 8260C Certifications:	11/01/2023 09:00	11/01/2023 14:23	SMA CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT

Sample Information

Client Sample ID: 2013-04D

York Sample ID: 23J1626-16

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23J1626	80 Banks Avenue Rockville Centre 12-190 DS	Ground Water	October 24, 2023 9:22 am	10/25/2023

Volatile Organics, 8260 List - Low Level

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	11/01/2023 09:00	11/01/2023 14:23	SMA
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
142-28-9	1,3-Dichloropropane	ND		ug/L	0.260	0.500	1	EPA 8260C	11/01/2023 09:00	11/01/2023 14:23	SMA
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.311	0.500	1	EPA 8260C	11/01/2023 09:00	11/01/2023 14:23	SMA
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
594-20-7	2,2-Dichloropropane	ND		ug/L	0.466	0.500	1	EPA 8260C	11/01/2023 09:00	11/01/2023 14:23	SMA
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
78-93-3	2-Butanone	ND		ug/L	0.421	0.500	1	EPA 8260C	11/01/2023 09:00	11/01/2023 14:23	SMA
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
95-49-8	2-Chlorotoluene	ND		ug/L	0.376	0.500	1	EPA 8260C	11/01/2023 09:00	11/01/2023 14:23	SMA
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
591-78-6	2-Hexanone	ND		ug/L	0.320	0.500	1	EPA 8260C	11/01/2023 09:00	11/01/2023 14:23	SMA
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
106-43-4	4-Chlorotoluene	ND		ug/L	0.311	0.500	1	EPA 8260C	11/01/2023 09:00	11/01/2023 14:23	SMA
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-10-1	4-Methyl-2-pentanone	ND		ug/L	0.365	0.500	1	EPA 8260C	11/01/2023 09:00	11/01/2023 14:23	SMA
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
67-64-1	**Acetone**	**24.1**	ICVE, QL-02	ug/L	1.34	2.00	1	EPA 8260C	11/01/2023 09:00	11/01/2023 14:23	SMA
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-C		
71-43-2	Benzene	ND		ug/L	0.279	0.500	1	EPA 8260C	11/01/2023 09:00	11/01/2023 14:23	SMA
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-86-1	Bromobenzene	ND		ug/L	0.367	0.500	1	EPA 8260C	11/01/2023 09:00	11/01/2023 14:23	SMA
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
74-97-5	Bromochloromethane	ND		ug/L	0.354	0.500	1	EPA 8260C	11/01/2023 09:00	11/01/2023 14:23	SMA
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
75-27-4	Bromodichloromethane	ND		ug/L	0.245	0.500	1	EPA 8260C	11/01/2023 09:00	11/01/2023 14:23	SMA
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-25-2	Bromoform	ND		ug/L	0.163	0.500	1	EPA 8260C	11/01/2023 09:00	11/01/2023 14:23	SMA
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
74-83-9	Bromomethane	ND		ug/L	0.119	0.500	1	EPA 8260C	11/01/2023 09:00	11/01/2023 14:23	SMA
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-15-0	Carbon disulfide	ND		ug/L	0.362	0.500	1	EPA 8260C	11/01/2023 09:00	11/01/2023 14:23	SMA
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
56-23-5	Carbon tetrachloride	ND		ug/L	0.204	0.500	1	EPA 8260C	11/01/2023 09:00	11/01/2023 14:23	SMA
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-90-7	Chlorobenzene	ND		ug/L	0.284	0.500	1	EPA 8260C	11/01/2023 09:00	11/01/2023 14:23	SMA
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-00-3	Chloroethane	ND		ug/L	0.448	0.500	1	EPA 8260C	11/01/2023 09:00	11/01/2023 14:23	SMA
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
67-66-3	Chloroform	ND		ug/L	0.243	0.500	1	EPA 8260C	11/01/2023 09:00	11/01/2023 14:23	SMA
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
74-87-3	Chloromethane	ND		ug/L	0.372	0.500	1	EPA 8260C	11/01/2023 09:00	11/01/2023 14:23	SMA
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
156-59-2	**cis-1,2-Dichloroethylene**	**11.2**		ug/L	0.294	0.500	1	EPA 8260C	11/01/2023 09:00	11/01/2023 14:23	SMA
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-C		

Sample Information

Client Sample ID: 2013-04D

York Sample ID: 23J1626-16

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23J1626	80 Banks Avenue Rockville Centre 12-190 DS	Ground Water	October 24, 2023 9:22 am	10/25/2023

Volatile Organics, 8260 List - Low Level

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:	11/01/2023 09:00	11/01/2023 14:23	SMA CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
124-48-1	Dibromochloromethane	ND		ug/L	0.146	0.500	1	EPA 8260C Certifications:	11/01/2023 09:00	11/01/2023 14:23	SMA CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
74-95-3	Dibromomethane	ND		ug/L	0.203	0.500	1	EPA 8260C Certifications:	11/01/2023 09:00	11/01/2023 14:23	SMA NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.451	0.500	1	EPA 8260C Certifications:	11/01/2023 09:00	11/01/2023 14:23	SMA NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04
100-41-4	Ethyl Benzene	ND		ug/L	0.290	0.500	1	EPA 8260C Certifications:	11/01/2023 09:00	11/01/2023 14:23	SMA CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
87-68-3	Hexachlorobutadiene	ND		ug/L	0.241	0.500	1	EPA 8260C Certifications:	11/01/2023 09:00	11/01/2023 14:23	SMA NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04
98-82-8	Isopropylbenzene	ND		ug/L	0.405	0.500	1	EPA 8260C Certifications:	11/01/2023 09:00	11/01/2023 14:23	SMA CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.244	0.500	1	EPA 8260C Certifications:	11/01/2023 09:00	11/01/2023 14:23	SMA CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
75-09-2	Methylene chloride	ND	CAL-E	ug/L	0.397	2.00	1	EPA 8260C Certifications:	11/01/2023 09:00	11/01/2023 14:23	SMA CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
91-20-3	Naphthalene	ND		ug/L	0.212	2.00	1	EPA 8260C Certifications:	11/01/2023 09:00	11/01/2023 14:23	SMA NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04
104-51-8	n-Butylbenzene	ND		ug/L	0.399	0.500	1	EPA 8260C Certifications:	11/01/2023 09:00	11/01/2023 14:23	SMA CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
103-65-1	n-Propylbenzene	ND		ug/L	0.384	0.500	1	EPA 8260C Certifications:	11/01/2023 09:00	11/01/2023 14:23	SMA CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
95-47-6	o-Xylene	ND		ug/L	0.261	0.500	1	EPA 8260C Certifications:	11/01/2023 09:00	11/01/2023 14:23	SMA CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP-68
179601-23-1	p- & m- Xylenes	ND		ug/L	0.578	1.00	1	EPA 8260C Certifications:	11/01/2023 09:00	11/01/2023 14:23	SMA CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP-68
105-05-5	* p-Diethylbenzene	ND		ug/L	0.341	0.500	1	EPA 8260C Certifications:	11/01/2023 09:00	11/01/2023 14:23	SMA
622-96-8	* p-Ethyltoluene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	11/01/2023 09:00	11/01/2023 14:23	SMA
99-87-6	p-Isopropyltoluene	ND		ug/L	0.377	0.500	1	EPA 8260C Certifications:	11/01/2023 09:00	11/01/2023 14:23	SMA CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
135-98-8	sec-Butylbenzene	ND		ug/L	0.444	0.500	1	EPA 8260C Certifications:	11/01/2023 09:00	11/01/2023 14:23	SMA CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
100-42-5	Styrene	ND		ug/L	0.255	0.500	1	EPA 8260C Certifications:	11/01/2023 09:00	11/01/2023 14:23	SMA CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
98-06-6	tert-Butylbenzene	ND		ug/L	0.367	0.500	1	EPA 8260C Certifications:	11/01/2023 09:00	11/01/2023 14:23	SMA CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
127-18-4	**Tetrachloroethylene**	**6.64**	CCVE, ICVE, QL-02	ug/L	0.239	0.500	1	EPA 8260C Certifications:	11/01/2023 09:00	11/01/2023 14:23	SMA CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-C
108-88-3	Toluene	ND		ug/L	0.346	0.500	1	EPA 8260C Certifications:	11/01/2023 09:00	11/01/2023 14:23	SMA CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.279	0.500	1	EPA 8260C Certifications:	11/01/2023 09:00	11/01/2023 14:23	SMA CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT

Sample Information

Client Sample ID: 2013-04D **York Sample ID:** 23J1626-16

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23J1626	80 Banks Avenue Rockville Centre 12-190 DS	Ground Water	October 24, 2023 9:22 am	10/25/2023

Volatile Organics, 8260 List - Low Level

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 Certifications:	11/01/2023 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	11/01/2023 14:23	SMA
79-01-6	**Trichloroethylene**	**1.25**		ug/L	0.249	0.500	1	EPA 8260C Certifications:	11/01/2023 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	11/01/2023 14:23	SMA
75-69-4	Trichlorofluoromethane	ND		ug/L	0.337	0.500	1	EPA 8260C Certifications:	11/01/2023 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	11/01/2023 14:23	SMA
75-01-4	Vinyl Chloride	ND		ug/L	0.469	0.500	1	EPA 8260C Certifications:	11/01/2023 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	11/01/2023 14:23	SMA
1330-20-7	Xylenes, Total	ND		ug/L	0.836	1.50	1	EPA 8260C Certifications:	11/01/2023 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	11/01/2023 14:23	SMA

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: SURR: 1,2-Dichloroethane-d4*	*108 %*	*69-130*
2037-26-5	*Surrogate: SURR: Toluene-d8*	*93.9 %*	*81-117*
460-00-4	*Surrogate: SURR: p-Bromofluorobenzene*	*88.8 %*	*79-122*

Sample Information

Client Sample ID: System Influent **York Sample ID:** 23J1626-17

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23J1626	80 Banks Avenue Rockville Centre 12-190 DS	Ground Water	October 24, 2023 2:15 pm	10/25/2023

Volatile Organics, 8260 List - Low Level

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:	11/01/2023 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	11/01/2023 14:50	SMA
71-55-6	1,1,1-Trichloroethane	ND		ug/L	0.266	0.500	1	EPA 8260C Certifications:	11/01/2023 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	11/01/2023 14:50	SMA
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.256	0.500	1	EPA 8260C Certifications:	11/01/2023 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	11/01/2023 14:50	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:	11/01/2023 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	11/01/2023 14:50	SMA
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.249	0.500	1	EPA 8260C Certifications:	11/01/2023 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	11/01/2023 14:50	SMA
75-34-3	1,1-Dichloroethane	ND		ug/L	0.272	0.500	1	EPA 8260C Certifications:	11/01/2023 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	11/01/2023 14:50	SMA
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.327	0.500	1	EPA 8260C Certifications:	11/01/2023 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	11/01/2023 14:50	SMA
563-58-6	1,1-Dichloropropylene	ND		ug/L	0.314	0.500	1	EPA 8260C Certifications:	11/01/2023 09:00 NELAC-NY10854,NELAC-NY12058,NJDEP-CT005	11/01/2023 14:50	SMA

Sample Information

Client Sample ID: **System Influent** **York Sample ID:** **23J1626-17**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23J1626	80 Banks Avenue Rockville Centre 12-190 DS	Ground Water	October 24, 2023 2:15 pm	10/25/2023

Volatile Organics, 8260 List - Low Level

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:	11/01/2023 09:00	11/01/2023 14:50	SMA NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04
96-18-4	1,2,3-Trichloropropane	ND		ug/L	0.273	0.500	1	EPA 8260C Certifications:	11/01/2023 09:00	11/01/2023 14:50	SMA NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04
95-93-2	* 1,2,4,5-Tetramethylbenzene	ND		ug/L	0.255	0.500	1	EPA 8260C Certifications:	11/01/2023 09:00	11/01/2023 14:50	SMA
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.138	0.500	1	EPA 8260C Certifications:	11/01/2023 09:00	11/01/2023 14:50	SMA NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	0.310	0.500	1	EPA 8260C Certifications:	11/01/2023 09:00	11/01/2023 14:50	SMA CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.432	0.500	1	EPA 8260C Certifications:	11/01/2023 09:00	11/01/2023 14:50	SMA CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
106-93-4	1,2-Dibromoethane	ND		ug/L	0.215	0.500	1	EPA 8260C Certifications:	11/01/2023 09:00	11/01/2023 14:50	SMA CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.270	0.500	1	EPA 8260C Certifications:	11/01/2023 09:00	11/01/2023 14:50	SMA CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
107-06-2	1,2-Dichloroethane	ND		ug/L	0.377	0.500	1	EPA 8260C Certifications:	11/01/2023 09:00	11/01/2023 14:50	SMA CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
78-87-5	1,2-Dichloropropane	ND		ug/L	0.327	0.500	1	EPA 8260C Certifications:	11/01/2023 09:00	11/01/2023 14:50	SMA CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	0.347	0.500	1	EPA 8260C Certifications:	11/01/2023 09:00	11/01/2023 14:50	SMA CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.283	0.500	1	EPA 8260C Certifications:	11/01/2023 09:00	11/01/2023 14:50	SMA CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
142-28-9	1,3-Dichloropropane	ND		ug/L	0.260	0.500	1	EPA 8260C Certifications:	11/01/2023 09:00	11/01/2023 14:50	SMA NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.311	0.500	1	EPA 8260C Certifications:	11/01/2023 09:00	11/01/2023 14:50	SMA CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
594-20-7	2,2-Dichloropropane	ND		ug/L	0.466	0.500	1	EPA 8260C Certifications:	11/01/2023 09:00	11/01/2023 14:50	SMA NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04
78-93-3	2-Butanone	ND		ug/L	0.421	0.500	1	EPA 8260C Certifications:	11/01/2023 09:00	11/01/2023 14:50	SMA CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
95-49-8	2-Chlorotoluene	ND		ug/L	0.376	0.500	1	EPA 8260C Certifications:	11/01/2023 09:00	11/01/2023 14:50	SMA CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
591-78-6	2-Hexanone	ND		ug/L	0.320	0.500	1	EPA 8260C Certifications:	11/01/2023 09:00	11/01/2023 14:50	SMA CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
106-43-4	4-Chlorotoluene	ND		ug/L	0.311	0.500	1	EPA 8260C Certifications:	11/01/2023 09:00	11/01/2023 14:50	SMA CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
108-10-1	4-Methyl-2-pentanone	ND		ug/L	0.365	0.500	1	EPA 8260C Certifications:	11/01/2023 09:00	11/01/2023 14:50	SMA CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
67-64-1	Acetone	ND		ug/L	1.34	2.00	1	EPA 8260C Certifications:	11/01/2023 09:00	11/01/2023 14:50	SMA CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
71-43-2	Benzene	ND		ug/L	0.279	0.500	1	EPA 8260C Certifications:	11/01/2023 09:00	11/01/2023 14:50	SMA CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
108-86-1	Bromobenzene	ND		ug/L	0.367	0.500	1	EPA 8260C Certifications:	11/01/2023 09:00	11/01/2023 14:50	SMA NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04

Sample Information

Client Sample ID: **System Influent** **York Sample ID:** **23J1626-17**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23J1626	80 Banks Avenue Rockville Centre 12-190 DS	Ground Water	October 24, 2023 2:15 pm	10/25/2023

Volatile Organics, 8260 List - Low Level

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:	11/01/2023 09:00	11/01/2023 14:50	SMA NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04
75-27-4	Bromodichloromethane	ND		ug/L	0.245	0.500	1	EPA 8260C Certifications:	11/01/2023 09:00	11/01/2023 14:50	SMA CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
75-25-2	Bromoform	ND		ug/L	0.163	0.500	1	EPA 8260C Certifications:	11/01/2023 09:00	11/01/2023 14:50	SMA CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
74-83-9	Bromomethane	ND		ug/L	0.119	0.500	1	EPA 8260C Certifications:	11/01/2023 09:00	11/01/2023 14:50	SMA CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
75-15-0	Carbon disulfide	ND		ug/L	0.362	0.500	1	EPA 8260C Certifications:	11/01/2023 09:00	11/01/2023 14:50	SMA CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
56-23-5	Carbon tetrachloride	ND		ug/L	0.204	0.500	1	EPA 8260C Certifications:	11/01/2023 09:00	11/01/2023 14:50	SMA CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
108-90-7	Chlorobenzene	ND		ug/L	0.284	0.500	1	EPA 8260C Certifications:	11/01/2023 09:00	11/01/2023 14:50	SMA CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
75-00-3	Chloroethane	ND		ug/L	0.448	0.500	1	EPA 8260C Certifications:	11/01/2023 09:00	11/01/2023 14:50	SMA CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
67-66-3	Chloroform	ND		ug/L	0.243	0.500	1	EPA 8260C Certifications:	11/01/2023 09:00	11/01/2023 14:50	SMA CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
74-87-3	Chloromethane	ND		ug/L	0.372	0.500	1	EPA 8260C Certifications:	11/01/2023 09:00	11/01/2023 14:50	SMA CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
156-59-2	**cis-1,2-Dichloroethylene**	**19.0**		ug/L	0.294	0.500	1	EPA 8260C Certifications:	11/01/2023 09:00	11/01/2023 14:50	SMA CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-C
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.262	0.500	1	EPA 8260C Certifications:	11/01/2023 09:00	11/01/2023 14:50	SMA CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
124-48-1	Dibromochloromethane	ND		ug/L	0.146	0.500	1	EPA 8260C Certifications:	11/01/2023 09:00	11/01/2023 14:50	SMA CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
74-95-3	Dibromomethane	ND		ug/L	0.203	0.500	1	EPA 8260C Certifications:	11/01/2023 09:00	11/01/2023 14:50	SMA NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.451	0.500	1	EPA 8260C Certifications:	11/01/2023 09:00	11/01/2023 14:50	SMA NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04
100-41-4	Ethyl Benzene	ND		ug/L	0.290	0.500	1	EPA 8260C Certifications:	11/01/2023 09:00	11/01/2023 14:50	SMA CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
87-68-3	Hexachlorobutadiene	ND		ug/L	0.241	0.500	1	EPA 8260C Certifications:	11/01/2023 09:00	11/01/2023 14:50	SMA NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04
98-82-8	Isopropylbenzene	ND		ug/L	0.405	0.500	1	EPA 8260C Certifications:	11/01/2023 09:00	11/01/2023 14:50	SMA CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.244	0.500	1	EPA 8260C Certifications:	11/01/2023 09:00	11/01/2023 14:50	SMA CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
75-09-2	Methylene chloride	ND	CAL-E	ug/L	0.397	2.00	1	EPA 8260C Certifications:	11/01/2023 09:00	11/01/2023 14:50	SMA CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
91-20-3	Naphthalene	ND		ug/L	0.212	2.00	1	EPA 8260C Certifications:	11/01/2023 09:00	11/01/2023 14:50	SMA NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04
104-51-8	n-Butylbenzene	ND		ug/L	0.399	0.500	1	EPA 8260C Certifications:	11/01/2023 09:00	11/01/2023 14:50	SMA CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
103-65-1	n-Propylbenzene	ND		ug/L	0.384	0.500	1	EPA 8260C Certifications:	11/01/2023 09:00	11/01/2023 14:50	SMA CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT

Sample Information

Client Sample ID: System Influent

York Sample ID: 23J1626-17

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23J1626	80 Banks Avenue Rockville Centre 12-190 DS	Ground Water	October 24, 2023 2:15 pm	10/25/2023

Volatile Organics, 8260 List - Low Level

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:	11/01/2023 09:00	11/01/2023 14:50	SMA CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP-68
179601-23-1	p- & m- Xylenes	ND		ug/L	0.578	1.00	1	EPA 8260C Certifications:	11/01/2023 09:00	11/01/2023 14:50	SMA CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP-68
105-05-5	* p-Diethylbenzene	ND		ug/L	0.341	0.500	1	EPA 8260C Certifications:	11/01/2023 09:00	11/01/2023 14:50	SMA
622-96-8	* p-Ethyltoluene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	11/01/2023 09:00	11/01/2023 14:50	SMA
99-87-6	p-Isopropyltoluene	ND		ug/L	0.377	0.500	1	EPA 8260C Certifications:	11/01/2023 09:00	11/01/2023 14:50	SMA CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
135-98-8	sec-Butylbenzene	ND		ug/L	0.444	0.500	1	EPA 8260C Certifications:	11/01/2023 09:00	11/01/2023 14:50	SMA CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
100-42-5	Styrene	ND		ug/L	0.255	0.500	1	EPA 8260C Certifications:	11/01/2023 09:00	11/01/2023 14:50	SMA CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
98-06-6	tert-Butylbenzene	ND		ug/L	0.367	0.500	1	EPA 8260C Certifications:	11/01/2023 09:00	11/01/2023 14:50	SMA CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
127-18-4	**Tetrachloroethylene**	**78.6**	CCVE, ICVE, QL-02	ug/L	1.20	2.50	5	EPA 8260C Certifications:	11/02/2023 09:00	11/02/2023 16:41	SMA CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-C
108-88-3	Toluene	ND		ug/L	0.346	0.500	1	EPA 8260C Certifications:	11/01/2023 09:00	11/01/2023 14:50	SMA CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
156-60-5	**trans-1,2-Dichloroethylene**	**0.350**	J	ug/L	0.279	0.500	1	EPA 8260C Certifications:	11/01/2023 09:00	11/01/2023 14:50	SMA CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-C
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.229	0.500	1	EPA 8260C Certifications:	11/01/2023 09:00	11/01/2023 14:50	SMA CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
79-01-6	**Trichloroethylene**	**12.9**		ug/L	0.249	0.500	1	EPA 8260C Certifications:	11/01/2023 09:00	11/01/2023 14:50	SMA CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-C
75-69-4	Trichlorofluoromethane	ND		ug/L	0.337	0.500	1	EPA 8260C Certifications:	11/01/2023 09:00	11/01/2023 14:50	SMA CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
75-01-4	**Vinyl Chloride**	**0.790**		ug/L	0.469	0.500	1	EPA 8260C Certifications:	11/01/2023 09:00	11/01/2023 14:50	SMA CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-C
1330-20-7	Xylenes, Total	ND		ug/L	0.836	1.50	1	EPA 8260C Certifications:	11/01/2023 09:00	11/01/2023 14:50	SMA CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: SURR: 1,2-Dichloroethane-d4*	*112 %*	*69-130*
2037-26-5	*Surrogate: SURR: Toluene-d8*	*93.8 %*	*81-117*
460-00-4	*Surrogate: SURR: p-Bromofluorobenzene*	*84.8 %*	*79-122*

Sample Information

Client Sample ID: DUP

York Sample ID: 23J1626-18

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23J1626	80 Banks Avenue Rockville Centre 12-190 DS	Ground Water	October 24, 2023 7:00 am	10/25/2023

Volatile Organics, 8260 List - Low Level

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:	11/01/2023 09:00	11/01/2023 15:17 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	SMA
71-55-6	1,1,1-Trichloroethane	ND		ug/L	0.266	0.500	1	EPA 8260C Certifications:	11/01/2023 09:00	11/01/2023 15:17 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	SMA
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.256	0.500	1	EPA 8260C Certifications:	11/01/2023 09:00	11/01/2023 15:17 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	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:	11/01/2023 09:00	11/01/2023 15:17 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	SMA
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.249	0.500	1	EPA 8260C Certifications:	11/01/2023 09:00	11/01/2023 15:17 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	SMA
75-34-3	1,1-Dichloroethane	ND		ug/L	0.272	0.500	1	EPA 8260C Certifications:	11/01/2023 09:00	11/01/2023 15:17 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	SMA
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.327	0.500	1	EPA 8260C Certifications:	11/01/2023 09:00	11/01/2023 15:17 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	SMA
563-58-6	1,1-Dichloropropylene	ND		ug/L	0.314	0.500	1	EPA 8260C Certifications:	11/01/2023 09:00	11/01/2023 15:17 NELAC-NY10854,NELAC-NY12058,NJDEP-CT005	SMA
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	0.222	0.500	1	EPA 8260C Certifications:	11/01/2023 09:00	11/01/2023 15:17 NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	SMA
96-18-4	1,2,3-Trichloropropane	ND		ug/L	0.273	0.500	1	EPA 8260C Certifications:	11/01/2023 09:00	11/01/2023 15:17 NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	SMA
95-93-2	* 1,2,4,5-Tetramethylbenzene	ND		ug/L	0.255	0.500	1	EPA 8260C Certifications:	11/01/2023 09:00	11/01/2023 15:17	SMA
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.138	0.500	1	EPA 8260C Certifications:	11/01/2023 09:00	11/01/2023 15:17 NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	SMA
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	0.310	0.500	1	EPA 8260C Certifications:	11/01/2023 09:00	11/01/2023 15:17 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	SMA
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.432	0.500	1	EPA 8260C Certifications:	11/01/2023 09:00	11/01/2023 15:17 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	SMA
106-93-4	1,2-Dibromoethane	ND		ug/L	0.215	0.500	1	EPA 8260C Certifications:	11/01/2023 09:00	11/01/2023 15:17 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	SMA
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.270	0.500	1	EPA 8260C Certifications:	11/01/2023 09:00	11/01/2023 15:17 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	SMA
107-06-2	1,2-Dichloroethane	ND		ug/L	0.377	0.500	1	EPA 8260C Certifications:	11/01/2023 09:00	11/01/2023 15:17 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	SMA
78-87-5	1,2-Dichloropropane	ND		ug/L	0.327	0.500	1	EPA 8260C Certifications:	11/01/2023 09:00	11/01/2023 15:17 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	SMA
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	0.347	0.500	1	EPA 8260C Certifications:	11/01/2023 09:00	11/01/2023 15:17 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	SMA
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.283	0.500	1	EPA 8260C Certifications:	11/01/2023 09:00	11/01/2023 15:17 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	SMA
142-28-9	1,3-Dichloropropane	ND		ug/L	0.260	0.500	1	EPA 8260C Certifications:	11/01/2023 09:00	11/01/2023 15:17 NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	SMA
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.311	0.500	1	EPA 8260C Certifications:	11/01/2023 09:00	11/01/2023 15:17 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	SMA
594-20-7	2,2-Dichloropropane	ND		ug/L	0.466	0.500	1	EPA 8260C Certifications:	11/01/2023 09:00	11/01/2023 15:17 NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	SMA

Sample Information

Client Sample ID: DUP

York Sample ID: 23J1626-18

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23J1626	80 Banks Avenue Rockville Centre 12-190 DS	Ground Water	October 24, 2023 7:00 am	10/25/2023

Volatile Organics, 8260 List - Low Level

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:	11/01/2023 09:00	11/01/2023 15:17	SMA CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
95-49-8	2-Chlorotoluene	ND		ug/L	0.376	0.500	1	EPA 8260C Certifications:	11/01/2023 09:00	11/01/2023 15:17	SMA CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
591-78-6	2-Hexanone	ND		ug/L	0.320	0.500	1	EPA 8260C Certifications:	11/01/2023 09:00	11/01/2023 15:17	SMA CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
106-43-4	4-Chlorotoluene	ND		ug/L	0.311	0.500	1	EPA 8260C Certifications:	11/01/2023 09:00	11/01/2023 15:17	SMA CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
108-10-1	4-Methyl-2-pentanone	ND		ug/L	0.365	0.500	1	EPA 8260C Certifications:	11/01/2023 09:00	11/01/2023 15:17	SMA CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
67-64-1	Acetone	ND		ug/L	1.34	2.00	1	EPA 8260C Certifications:	11/01/2023 09:00	11/01/2023 15:17	SMA CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
71-43-2	Benzene	ND		ug/L	0.279	0.500	1	EPA 8260C Certifications:	11/01/2023 09:00	11/01/2023 15:17	SMA CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
108-86-1	Bromobenzene	ND		ug/L	0.367	0.500	1	EPA 8260C Certifications:	11/01/2023 09:00	11/01/2023 15:17	SMA NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04
74-97-5	Bromochloromethane	ND		ug/L	0.354	0.500	1	EPA 8260C Certifications:	11/01/2023 09:00	11/01/2023 15:17	SMA NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04
75-27-4	Bromodichloromethane	ND		ug/L	0.245	0.500	1	EPA 8260C Certifications:	11/01/2023 09:00	11/01/2023 15:17	SMA CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
75-25-2	Bromoform	ND		ug/L	0.163	0.500	1	EPA 8260C Certifications:	11/01/2023 09:00	11/01/2023 15:17	SMA CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
74-83-9	Bromomethane	ND		ug/L	0.119	0.500	1	EPA 8260C Certifications:	11/01/2023 09:00	11/01/2023 15:17	SMA CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
75-15-0	Carbon disulfide	ND		ug/L	0.362	0.500	1	EPA 8260C Certifications:	11/01/2023 09:00	11/01/2023 15:17	SMA CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
56-23-5	Carbon tetrachloride	ND		ug/L	0.204	0.500	1	EPA 8260C Certifications:	11/01/2023 09:00	11/01/2023 15:17	SMA CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
108-90-7	Chlorobenzene	ND		ug/L	0.284	0.500	1	EPA 8260C Certifications:	11/01/2023 09:00	11/01/2023 15:17	SMA CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
75-00-3	Chloroethane	ND		ug/L	0.448	0.500	1	EPA 8260C Certifications:	11/01/2023 09:00	11/01/2023 15:17	SMA CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
67-66-3	Chloroform	ND		ug/L	0.243	0.500	1	EPA 8260C Certifications:	11/01/2023 09:00	11/01/2023 15:17	SMA CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
74-87-3	Chloromethane	ND		ug/L	0.372	0.500	1	EPA 8260C Certifications:	11/01/2023 09:00	11/01/2023 15:17	SMA CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
156-59-2	cis-1,2-Dichloroethylene	ND		ug/L	0.294	0.500	1	EPA 8260C Certifications:	11/01/2023 09:00	11/01/2023 15:17	SMA CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.262	0.500	1	EPA 8260C Certifications:	11/01/2023 09:00	11/01/2023 15:17	SMA CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
124-48-1	Dibromochloromethane	ND		ug/L	0.146	0.500	1	EPA 8260C Certifications:	11/01/2023 09:00	11/01/2023 15:17	SMA CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
74-95-3	Dibromomethane	ND		ug/L	0.203	0.500	1	EPA 8260C Certifications:	11/01/2023 09:00	11/01/2023 15:17	SMA NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.451	0.500	1	EPA 8260C Certifications:	11/01/2023 09:00	11/01/2023 15:17	SMA NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04

Sample Information

Client Sample ID: DUP

York Sample ID: 23J1626-18

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23J1626	80 Banks Avenue Rockville Centre 12-190 DS	Ground Water	October 24, 2023 7:00 am	10/25/2023

Volatile Organics, 8260 List - Low Level

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:	11/01/2023 09:00	11/01/2023 15:17 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	SMA
87-68-3	Hexachlorobutadiene	ND		ug/L	0.241	0.500	1	EPA 8260C Certifications:	11/01/2023 09:00	11/01/2023 15:17 NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	SMA
98-82-8	Isopropylbenzene	ND		ug/L	0.405	0.500	1	EPA 8260C Certifications:	11/01/2023 09:00	11/01/2023 15:17 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	SMA
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.244	0.500	1	EPA 8260C Certifications:	11/01/2023 09:00	11/01/2023 15:17 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	SMA
75-09-2	Methylene chloride	ND	CAL-E	ug/L	0.397	2.00	1	EPA 8260C Certifications:	11/01/2023 09:00	11/01/2023 15:17 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	SMA
91-20-3	Naphthalene	ND		ug/L	0.212	2.00	1	EPA 8260C Certifications:	11/01/2023 09:00	11/01/2023 15:17 NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	SMA
104-51-8	n-Butylbenzene	ND		ug/L	0.399	0.500	1	EPA 8260C Certifications:	11/01/2023 09:00	11/01/2023 15:17 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	SMA
103-65-1	n-Propylbenzene	ND		ug/L	0.384	0.500	1	EPA 8260C Certifications:	11/01/2023 09:00	11/01/2023 15:17 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	SMA
95-47-6	o-Xylene	ND		ug/L	0.261	0.500	1	EPA 8260C Certifications:	11/01/2023 09:00	11/01/2023 15:17 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP-68	SMA
179601-23-1	p- & m- Xylenes	ND		ug/L	0.578	1.00	1	EPA 8260C Certifications:	11/01/2023 09:00	11/01/2023 15:17 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP-68	SMA
105-05-5	* p-Diethylbenzene	ND		ug/L	0.341	0.500	1	EPA 8260C Certifications:	11/01/2023 09:00	11/01/2023 15:17	SMA
622-96-8	* p-Ethyltoluene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	11/01/2023 09:00	11/01/2023 15:17	SMA
99-87-6	p-Isopropyltoluene	ND		ug/L	0.377	0.500	1	EPA 8260C Certifications:	11/01/2023 09:00	11/01/2023 15:17 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	SMA
135-98-8	sec-Butylbenzene	ND		ug/L	0.444	0.500	1	EPA 8260C Certifications:	11/01/2023 09:00	11/01/2023 15:17 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	SMA
100-42-5	Styrene	ND		ug/L	0.255	0.500	1	EPA 8260C Certifications:	11/01/2023 09:00	11/01/2023 15:17 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	SMA
98-06-6	tert-Butylbenzene	ND		ug/L	0.367	0.500	1	EPA 8260C Certifications:	11/01/2023 09:00	11/01/2023 15:17 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	SMA
127-18-4	Tetrachloroethylene	ND	CCVE, ICVE, QL-02	ug/L	0.239	0.500	1	EPA 8260C Certifications:	11/01/2023 09:00	11/01/2023 15:17 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	SMA
108-88-3	Toluene	ND		ug/L	0.346	0.500	1	EPA 8260C Certifications:	11/01/2023 09:00	11/01/2023 15:17 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	SMA
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.279	0.500	1	EPA 8260C Certifications:	11/01/2023 09:00	11/01/2023 15:17 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	SMA
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.229	0.500	1	EPA 8260C Certifications:	11/01/2023 09:00	11/01/2023 15:17 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	SMA
79-01-6	Trichloroethylene	ND		ug/L	0.249	0.500	1	EPA 8260C Certifications:	11/01/2023 09:00	11/01/2023 15:17 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	SMA
75-69-4	Trichlorofluoromethane	ND		ug/L	0.337	0.500	1	EPA 8260C Certifications:	11/01/2023 09:00	11/01/2023 15:17 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	SMA
75-01-4	Vinyl Chloride	ND		ug/L	0.469	0.500	1	EPA 8260C Certifications:	11/01/2023 09:00	11/01/2023 15:17 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	SMA

Sample Information

Client Sample ID: DUP **York Sample ID:** 23J1626-18

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23J1626	80 Banks Avenue Rockville Centre 12-190 DS	Ground Water	October 24, 2023 7:00 am	10/25/2023

Volatile Organics, 8260 List - Low Level

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:	11/01/2023 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	11/01/2023 15:17	SMA

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: SURR: 1,2-Dichloroethane-d4*	*110 %*	*69-130*
2037-26-5	*Surrogate: SURR: Toluene-d8*	*93.1 %*	*81-117*
460-00-4	*Surrogate: SURR: p-Bromofluorobenzene*	*89.4 %*	*79-122*

Sample Information

Client Sample ID: Trip Blank **York Sample ID:** 23J1626-19

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23J1626	80 Banks Avenue Rockville Centre 12-190 DS	Ground Water	October 24, 2023 7:00 am	10/25/2023

Volatile Organics, 8260 List - Low Level

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:	11/02/2023 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	11/02/2023 18:53	SMA
71-55-6	1,1,1-Trichloroethane	ND		ug/L	0.266	0.500	1	EPA 8260C Certifications:	11/02/2023 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	11/02/2023 18:53	SMA
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.256	0.500	1	EPA 8260C Certifications:	11/02/2023 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	11/02/2023 18:53	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:	11/02/2023 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	11/02/2023 18:53	SMA
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.249	0.500	1	EPA 8260C Certifications:	11/02/2023 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	11/02/2023 18:53	SMA
75-34-3	1,1-Dichloroethane	ND		ug/L	0.272	0.500	1	EPA 8260C Certifications:	11/02/2023 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	11/02/2023 18:53	SMA
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.327	0.500	1	EPA 8260C Certifications:	11/02/2023 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	11/02/2023 18:53	SMA
563-58-6	1,1-Dichloropropylene	ND		ug/L	0.314	0.500	1	EPA 8260C Certifications:	11/02/2023 09:00 NELAC-NY10854,NELAC-NY12058,NJDEP-CT005	11/02/2023 18:53	SMA
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	0.222	0.500	1	EPA 8260C Certifications:	11/02/2023 09:00 NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	11/02/2023 18:53	SMA
96-18-4	1,2,3-Trichloropropane	ND		ug/L	0.273	0.500	1	EPA 8260C Certifications:	11/02/2023 09:00 NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	11/02/2023 18:53	SMA
95-93-2	* 1,2,4,5-Tetramethylbenzene	ND		ug/L	0.255	0.500	1	EPA 8260C Certifications:	11/02/2023 09:00	11/02/2023 18:53	SMA
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.138	0.500	1	EPA 8260C Certifications:	11/02/2023 09:00 NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	11/02/2023 18:53	SMA

Sample Information

Client Sample ID: Trip Blank

York Sample ID: 23J1626-19

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23J1626	80 Banks Avenue Rockville Centre 12-190 DS	Ground Water	October 24, 2023 7:00 am	10/25/2023

Volatile Organics, 8260 List - Low Level

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:	11/02/2023 09:00	11/02/2023 18:53	SMA CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.432	0.500	1	EPA 8260C Certifications:	11/02/2023 09:00	11/02/2023 18:53	SMA CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
106-93-4	1,2-Dibromoethane	ND		ug/L	0.215	0.500	1	EPA 8260C Certifications:	11/02/2023 09:00	11/02/2023 18:53	SMA CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.270	0.500	1	EPA 8260C Certifications:	11/02/2023 09:00	11/02/2023 18:53	SMA CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
107-06-2	1,2-Dichloroethane	ND		ug/L	0.377	0.500	1	EPA 8260C Certifications:	11/02/2023 09:00	11/02/2023 18:53	SMA CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
78-87-5	1,2-Dichloropropane	ND		ug/L	0.327	0.500	1	EPA 8260C Certifications:	11/02/2023 09:00	11/02/2023 18:53	SMA CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	0.347	0.500	1	EPA 8260C Certifications:	11/02/2023 09:00	11/02/2023 18:53	SMA CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.283	0.500	1	EPA 8260C Certifications:	11/02/2023 09:00	11/02/2023 18:53	SMA CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
142-28-9	1,3-Dichloropropane	ND		ug/L	0.260	0.500	1	EPA 8260C Certifications:	11/02/2023 09:00	11/02/2023 18:53	SMA NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.311	0.500	1	EPA 8260C Certifications:	11/02/2023 09:00	11/02/2023 18:53	SMA CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
594-20-7	2,2-Dichloropropane	ND		ug/L	0.466	0.500	1	EPA 8260C Certifications:	11/02/2023 09:00	11/02/2023 18:53	SMA NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04
78-93-3	2-Butanone	ND		ug/L	0.421	0.500	1	EPA 8260C Certifications:	11/02/2023 09:00	11/02/2023 18:53	SMA CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
95-49-8	2-Chlorotoluene	ND		ug/L	0.376	0.500	1	EPA 8260C Certifications:	11/02/2023 09:00	11/02/2023 18:53	SMA CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
591-78-6	2-Hexanone	ND		ug/L	0.320	0.500	1	EPA 8260C Certifications:	11/02/2023 09:00	11/02/2023 18:53	SMA CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
106-43-4	4-Chlorotoluene	ND		ug/L	0.311	0.500	1	EPA 8260C Certifications:	11/02/2023 09:00	11/02/2023 18:53	SMA CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
108-10-1	4-Methyl-2-pentanone	ND		ug/L	0.365	0.500	1	EPA 8260C Certifications:	11/02/2023 09:00	11/02/2023 18:53	SMA CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
67-64-1	Acetone	ND		ug/L	1.34	2.00	1	EPA 8260C Certifications:	11/02/2023 09:00	11/02/2023 18:53	SMA CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
71-43-2	Benzene	ND		ug/L	0.279	0.500	1	EPA 8260C Certifications:	11/02/2023 09:00	11/02/2023 18:53	SMA CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
108-86-1	Bromobenzene	ND		ug/L	0.367	0.500	1	EPA 8260C Certifications:	11/02/2023 09:00	11/02/2023 18:53	SMA NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04
74-97-5	Bromochloromethane	ND		ug/L	0.354	0.500	1	EPA 8260C Certifications:	11/02/2023 09:00	11/02/2023 18:53	SMA NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04
75-27-4	Bromodichloromethane	ND		ug/L	0.245	0.500	1	EPA 8260C Certifications:	11/02/2023 09:00	11/02/2023 18:53	SMA CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
75-25-2	Bromoform	ND		ug/L	0.163	0.500	1	EPA 8260C Certifications:	11/02/2023 09:00	11/02/2023 18:53	SMA CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
74-83-9	Bromomethane	ND		ug/L	0.119	0.500	1	EPA 8260C Certifications:	11/02/2023 09:00	11/02/2023 18:53	SMA CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT

Sample Information

Client Sample ID: Trip Blank

York Sample ID: 23J1626-19

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23J1626	80 Banks Avenue Rockville Centre 12-190 DS	Ground Water	October 24, 2023 7:00 am	10/25/2023

Volatile Organics, 8260 List - Low Level

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:	11/02/2023 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	11/02/2023 18:53	SMA
56-23-5	Carbon tetrachloride	ND		ug/L	0.204	0.500	1	EPA 8260C Certifications:	11/02/2023 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	11/02/2023 18:53	SMA
108-90-7	Chlorobenzene	ND		ug/L	0.284	0.500	1	EPA 8260C Certifications:	11/02/2023 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	11/02/2023 18:53	SMA
75-00-3	Chloroethane	ND		ug/L	0.448	0.500	1	EPA 8260C Certifications:	11/02/2023 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	11/02/2023 18:53	SMA
67-66-3	Chloroform	ND		ug/L	0.243	0.500	1	EPA 8260C Certifications:	11/02/2023 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	11/02/2023 18:53	SMA
74-87-3	Chloromethane	ND		ug/L	0.372	0.500	1	EPA 8260C Certifications:	11/02/2023 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	11/02/2023 18:53	SMA
156-59-2	cis-1,2-Dichloroethylene	ND		ug/L	0.294	0.500	1	EPA 8260C Certifications:	11/02/2023 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	11/02/2023 18:53	SMA
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.262	0.500	1	EPA 8260C Certifications:	11/02/2023 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	11/02/2023 18:53	SMA
124-48-1	Dibromochloromethane	ND		ug/L	0.146	0.500	1	EPA 8260C Certifications:	11/02/2023 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	11/02/2023 18:53	SMA
74-95-3	Dibromomethane	ND		ug/L	0.203	0.500	1	EPA 8260C Certifications:	11/02/2023 09:00 NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	11/02/2023 18:53	SMA
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.451	0.500	1	EPA 8260C Certifications:	11/02/2023 09:00 NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	11/02/2023 18:53	SMA
100-41-4	Ethyl Benzene	ND		ug/L	0.290	0.500	1	EPA 8260C Certifications:	11/02/2023 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	11/02/2023 18:53	SMA
87-68-3	Hexachlorobutadiene	ND		ug/L	0.241	0.500	1	EPA 8260C Certifications:	11/02/2023 09:00 NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	11/02/2023 18:53	SMA
98-82-8	Isopropylbenzene	ND		ug/L	0.405	0.500	1	EPA 8260C Certifications:	11/02/2023 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	11/02/2023 18:53	SMA
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.244	0.500	1	EPA 8260C Certifications:	11/02/2023 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	11/02/2023 18:53	SMA
75-09-2	**Methylene chloride**	**1.03**	J, CAL-E	ug/L	0.397	2.00	1	EPA 8260C Certifications:	11/02/2023 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-C	11/02/2023 18:53	SMA
91-20-3	Naphthalene	ND		ug/L	0.212	2.00	1	EPA 8260C Certifications:	11/02/2023 09:00 NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	11/02/2023 18:53	SMA
104-51-8	n-Butylbenzene	ND		ug/L	0.399	0.500	1	EPA 8260C Certifications:	11/02/2023 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	11/02/2023 18:53	SMA
103-65-1	n-Propylbenzene	ND		ug/L	0.384	0.500	1	EPA 8260C Certifications:	11/02/2023 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	11/02/2023 18:53	SMA
95-47-6	o-Xylene	ND		ug/L	0.261	0.500	1	EPA 8260C Certifications:	11/02/2023 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP-68	11/02/2023 18:53	SMA
179601-23-1	p- & m- Xylenes	ND		ug/L	0.578	1.00	1	EPA 8260C Certifications:	11/02/2023 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP-68	11/02/2023 18:53	SMA
105-05-5	* p-Diethylbenzene	ND		ug/L	0.341	0.500	1	EPA 8260C Certifications:	11/02/2023 09:00	11/02/2023 18:53	SMA
622-96-8	* p-Ethyltoluene	ND	QL-02	ug/L	0.200	0.500	1	EPA 8260C Certifications:	11/02/2023 09:00	11/02/2023 18:53	SMA

Sample Information

Client Sample ID: **Trip Blank** **York Sample ID:** **23J1626-19**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23J1626	80 Banks Avenue Rockville Centre 12-190 DS	Ground Water	October 24, 2023 7:00 am	10/25/2023

Volatile Organics, 8260 List - Low Level

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:	11/02/2023 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	11/02/2023 18:53	SMA
135-98-8	sec-Butylbenzene	ND		ug/L	0.444	0.500	1	EPA 8260C Certifications:	11/02/2023 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	11/02/2023 18:53	SMA
100-42-5	Styrene	ND		ug/L	0.255	0.500	1	EPA 8260C Certifications:	11/02/2023 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	11/02/2023 18:53	SMA
98-06-6	tert-Butylbenzene	ND		ug/L	0.367	0.500	1	EPA 8260C Certifications:	11/02/2023 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	11/02/2023 18:53	SMA
127-18-4	Tetrachloroethylene	ND	CCVE, ICVE, QL-02	ug/L	0.239	0.500	1	EPA 8260C Certifications:	11/02/2023 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	11/02/2023 18:53	SMA
108-88-3	Toluene	ND		ug/L	0.346	0.500	1	EPA 8260C Certifications:	11/02/2023 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	11/02/2023 18:53	SMA
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.279	0.500	1	EPA 8260C Certifications:	11/02/2023 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	11/02/2023 18:53	SMA
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.229	0.500	1	EPA 8260C Certifications:	11/02/2023 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	11/02/2023 18:53	SMA
79-01-6	Trichloroethylene	ND	QL-02	ug/L	0.249	0.500	1	EPA 8260C Certifications:	11/02/2023 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	11/02/2023 18:53	SMA
75-69-4	Trichlorofluoromethane	ND		ug/L	0.337	0.500	1	EPA 8260C Certifications:	11/02/2023 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	11/02/2023 18:53	SMA
75-01-4	Vinyl Chloride	ND		ug/L	0.469	0.500	1	EPA 8260C Certifications:	11/02/2023 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	11/02/2023 18:53	SMA
1330-20-7	Xylenes, Total	ND		ug/L	0.836	1.50	1	EPA 8260C Certifications:	11/02/2023 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	11/02/2023 18:53	SMA

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: SURR: 1,2-Dichloroethane-d4*	*106 %*	*69-130*
2037-26-5	*Surrogate: SURR: Toluene-d8*	*94.2 %*	*81-117*
460-00-4	*Surrogate: SURR: p-Bromofluorobenzene*	*91.8 %*	*79-122*

Analytical Batch Summary

Batch ID: BJ32109 **Preparation Method:** EPA 5030B **Prepared By:** SMA

YORK Sample ID	Client Sample ID	Preparation Date
23J1626-01	2010-01A	10/30/23
BJ32109-BLK1	Blank	10/30/23
BJ32109-BS1	LCS	10/30/23
BJ32109-BSD1	LCS Dup	10/30/23

Batch ID: BJ32110 **Preparation Method:** EPA 5030B **Prepared By:** SMA

YORK Sample ID	Client Sample ID	Preparation Date
23J1626-02	2010-01B	10/30/23
BJ32110-BLK1	Blank	10/30/23
BJ32110-BS1	LCS	10/30/23
BJ32110-BSD1	LCS Dup	10/30/23

Batch ID: BJ32196 **Preparation Method:** EPA 5030B **Prepared By:** SMA

YORK Sample ID	Client Sample ID	Preparation Date
23J1626-03	2010-01C	10/31/23
23J1626-04	2010-01D	10/31/23
23J1626-05	2010-02A	10/31/23
23J1626-06	2010-02B	10/31/23
23J1626-07	2010-02C	10/31/23
23J1626-08	2010-02D	10/31/23
23J1626-09	2020-03A-R	10/31/23
23J1626-10	2020-03B-R	10/31/23
23J1626-11	2020-03C-R	10/31/23
23J1626-12	2010-03D	10/31/23
23J1626-14	2013-04B	10/31/23
23J1626-15	2013-04C	10/31/23
BJ32196-BLK1	Blank	10/31/23
BJ32196-BS1	LCS	10/31/23
BJ32196-BSD1	LCS Dup	10/31/23

Batch ID: BK30032 **Preparation Method:** EPA 5030B **Prepared By:** SMA

YORK Sample ID	Client Sample ID	Preparation Date
23J1626-04RE1	2010-01D	11/01/23
23J1626-08RE1	2010-02D	11/01/23
23J1626-12RE1	2010-03D	11/01/23
23J1626-13	2013-04A	11/01/23
23J1626-16	2013-04D	11/01/23
23J1626-17	System Influent	11/01/23
23J1626-18	DUP	11/01/23
BK30032-BLK1	Blank	11/01/23
BK30032-BS1	LCS	11/01/23

BK30032-BSD1	LCS Dup	11/01/23

Batch ID: BK30045 **Preparation Method:** EPA 5030B **Prepared By:** SMA

YORK Sample ID	Client Sample ID	Preparation Date
23J1626-08RE2	2010-02D	11/02/23
23J1626-17RE1	System Influent	11/02/23
23J1626-19	Trip Blank	11/02/23
BK30045-BLK1	Blank	11/02/23
BK30045-BS1	LCS	11/02/23
BK30045-BSD1	LCS Dup	11/02/23

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 BJ32109 - EPA 5030B											
Blank (BJ32109-BLK1)											Prepared & Analyzed: 10/30/2023
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	ND	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 BJ32109 - EPA 5030B											
Blank (BJ32109-BLK1)										Prepared & Analyzed: 10/30/2023	
Methyl tert-butyl ether (MTBE)	ND	0.500	ug/L								
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	*8.69*		*"*	*10.0*		*86.9*	*69-130*				
Surrogate: SURR: Toluene-d8	*9.34*		*"*	*10.0*		*93.4*	*81-117*				
Surrogate: SURR: p-Bromofluorobenzene	*10.1*		*"*	*10.0*		*101*	*79-122*				
LCS (BJ32109-BS1)										Prepared & Analyzed: 10/30/2023	
1,1,1,2-Tetrachloroethane	8.66		ug/L	10.0		86.6	82-126				
1,1,1-Trichloroethane	10.2		"	10.0		102	78-136				
1,1,2,2-Tetrachloroethane	9.52		"	10.0		95.2	76-129				
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	11.8		"	10.0		118	54-165				
1,1,2-Trichloroethane	9.11		"	10.0		91.1	82-123				
1,1-Dichloroethane	9.60		"	10.0		96.0	82-129				
1,1-Dichloroethylene	10.1		"	10.0		101	68-138				
1,1-Dichloropropylene	9.88		"	10.0		98.8	83-133				
1,2,3-Trichlorobenzene	9.51		"	10.0		95.1	76-136				
1,2,3-Trichloropropane	8.78		"	10.0		87.8	77-128				
1,2,4,5-Tetramethylbenzene	9.35		"	10.0		93.5	85-140				
1,2,4-Trichlorobenzene	9.95		"	10.0		99.5	76-137				
1,2,4-Trimethylbenzene	9.26		"	10.0		92.6	82-132				
1,2-Dibromo-3-chloropropane	7.53		"	10.0		75.3	45-147				
1,2-Dibromoethane	9.42		"	10.0		94.2	83-124				
1,2-Dichlorobenzene	9.36		"	10.0		93.6	79-123				
1,2-Dichloroethane	8.61		"	10.0		86.1	73-132				
1,2-Dichloropropane	9.38		"	10.0		93.8	78-126				
1,3,5-Trimethylbenzene	9.19		"	10.0		91.9	80-131				
1,3-Dichlorobenzene	9.34		"	10.0		93.4	86-122				
1,3-Dichloropropane	8.95		"	10.0		89.5	81-125				
1,4-Dichlorobenzene	9.45		"	10.0		94.5	85-124				
2,2-Dichloropropane	11.6		"	10.0		116	56-150				
2-Butanone	7.66		"	10.0		76.6	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 BJ32109 - EPA 5030B											
LCS (BJ32109-BS1)								Prepared & Analyzed: 10/30/2023			
2-Chlorotoluene	8.93		ug/L	10.0		89.3	79-130				
2-Hexanone	7.10		"	10.0		71.0	51-146				
4-Chlorotoluene	9.24		"	10.0		92.4	79-128				
4-Methyl-2-pentanone	8.09		"	10.0		80.9	57-145				
Acetone	14.6		"	10.0		146	14-150				
Benzene	10.6		"	10.0		106	85-126				
Bromobenzene	9.08		"	10.0		90.8	78-129				
Bromochloromethane	9.61		"	10.0		96.1	77-128				
Bromodichloromethane	8.89		"	10.0		88.9	79-128				
Bromoform	8.88		"	10.0		88.8	78-133				
Bromomethane	6.27		"	10.0		62.7	43-168				
Carbon disulfide	11.5		"	10.0		115	68-146				
Carbon tetrachloride	10.6		"	10.0		106	77-141				
Chlorobenzene	9.95		"	10.0		99.5	88-120				
Chloroethane	5.73		"	10.0		57.3	65-136	Low Bias			
Chloroform	9.74		"	10.0		97.4	82-128				
Chloromethane	10.8		"	10.0		108	43-155				
cis-1,2-Dichloroethylene	9.16		"	10.0		91.6	83-129				
cis-1,3-Dichloropropylene	9.20		"	10.0		92.0	80-131				
Dibromochloromethane	8.47		"	10.0		84.7	80-130				
Dibromomethane	8.75		"	10.0		87.5	72-134				
Dichlorodifluoromethane	11.2		"	10.0		112	44-144				
Ethyl Benzene	9.28		"	10.0		92.8	80-131				
Hexachlorobutadiene	11.0		"	10.0		110	67-146				
Isopropylbenzene	9.69		"	10.0		96.9	76-140				
Methyl tert-butyl ether (MTBE)	8.89		"	10.0		88.9	76-135				
Methylene chloride	9.12		"	10.0		91.2	55-137				
Naphthalene	8.88		"	10.0		88.8	70-147				
n-Butylbenzene	8.64		"	10.0		86.4	79-132				
n-Propylbenzene	9.17		"	10.0		91.7	78-133				
o-Xylene	9.33		"	10.0		93.3	78-130				
p- & m- Xylenes	18.8		"	20.0		94.0	77-133				
p-Diethylbenzene	8.85		"	10.0		88.5	84-134				
p-Ethyltoluene	9.40		"	10.0		94.0	88-129				
p-Isopropyltoluene	9.31		"	10.0		93.1	81-136				
sec-Butylbenzene	9.24		"	10.0		92.4	79-137				
Styrene	9.30		"	10.0		93.0	67-132				
tert-Butylbenzene	9.64		"	10.0		96.4	77-138				
Tetrachloroethylene	5.31		"	10.0		53.1	82-131	Low Bias			
Toluene	9.51		"	10.0		95.1	80-127				
trans-1,2-Dichloroethylene	10.2		"	10.0		102	80-132				
trans-1,3-Dichloropropylene	7.67		"	10.0		76.7	78-131	Low Bias			
Trichloroethylene	9.26		"	10.0		92.6	82-128				
Trichlorofluoromethane	6.87		"	10.0		68.7	67-139				
Vinyl Chloride	7.53		"	10.0		75.3	58-145				
Surrogate: SURR: 1,2-Dichloroethane-d4	*8.31*		*"*	*10.0*		*83.1*	*69-130*				
Surrogate: SURR: Toluene-d8	*9.40*		*"*	*10.0*		*94.0*	*81-117*				
Surrogate: SURR: p-Bromofluorobenzene	*10.2*		*"*	*10.0*		*102*	*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 BJ32109 - EPA 5030B											
LCS Dup (BJ32109-BSD1)								Prepared & Analyzed: 10/30/2023			
1,1,1,2-Tetrachloroethane	8.67		ug/L	10.0		86.7	82-126		0.115	30	
1,1,1-Trichloroethane	10.0		"	10.0		100	78-136		2.17	30	
1,1,2,2-Tetrachloroethane	9.61		"	10.0		96.1	76-129		0.941	30	
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	11.5		"	10.0		115	54-165		2.75	30	
1,1,2-Trichloroethane	9.22		"	10.0		92.2	82-123		1.20	30	
1,1-Dichloroethane	9.42		"	10.0		94.2	82-129		1.89	30	
1,1-Dichloroethylene	9.76		"	10.0		97.6	68-138		3.42	30	
1,1-Dichloropropylene	9.62		"	10.0		96.2	83-133		2.67	30	
1,2,3-Trichlorobenzene	9.72		"	10.0		97.2	76-136		2.18	30	
1,2,3-Trichloropropane	8.88		"	10.0		88.8	77-128		1.13	30	
1,2,4,5-Tetramethylbenzene	9.49		"	10.0		94.9	85-140		1.49	30	
1,2,4-Trichlorobenzene	10.1		"	10.0		101	76-137		1.30	30	
1,2,4-Trimethylbenzene	9.34		"	10.0		93.4	82-132		0.860	30	
1,2-Dibromo-3-chloropropane	7.80		"	10.0		78.0	45-147		3.52	30	
1,2-Dibromoethane	9.65		"	10.0		96.5	83-124		2.41	30	
1,2-Dichlorobenzene	9.43		"	10.0		94.3	79-123		0.745	30	
1,2-Dichloroethane	8.62		"	10.0		86.2	73-132		0.116	30	
1,2-Dichloropropane	9.28		"	10.0		92.8	78-126		1.07	30	
1,3,5-Trimethylbenzene	9.14		"	10.0		91.4	80-131		0.546	30	
1,3-Dichlorobenzene	9.37		"	10.0		93.7	86-122		0.321	30	
1,3-Dichloropropane	9.01		"	10.0		90.1	81-125		0.668	30	
1,4-Dichlorobenzene	9.41		"	10.0		94.1	85-124		0.424	30	
2,2-Dichloropropane	11.2		"	10.0		112	56-150		3.51	30	
2-Butanone	7.65		"	10.0		76.5	49-152		0.131	30	
2-Chlorotoluene	8.89		"	10.0		88.9	79-130		0.449	30	
2-Hexanone	7.24		"	10.0		72.4	51-146		1.95	30	
4-Chlorotoluene	9.24		"	10.0		92.4	79-128		0.00	30	
4-Methyl-2-pentanone	8.23		"	10.0		82.3	57-145		1.72	30	
Acetone	14.8		"	10.0		148	14-150		1.43	30	
Benzene	10.5		"	10.0		105	85-126		0.760	30	
Bromobenzene	9.07		"	10.0		90.7	78-129		0.110	30	
Bromochloromethane	9.66		"	10.0		96.6	77-128		0.519	30	
Bromodichloromethane	8.86		"	10.0		88.6	79-128		0.338	30	
Bromoform	9.09		"	10.0		90.9	78-133		2.34	30	
Bromomethane	6.72		"	10.0		67.2	43-168		6.93	30	
Carbon disulfide	11.0		"	10.0		110	68-146		4.63	30	
Carbon tetrachloride	10.3		"	10.0		103	77-141		2.88	30	
Chlorobenzene	9.95		"	10.0		99.5	88-120		0.00	30	
Chloroethane	5.61		"	10.0		56.1	65-136	Low Bias	2.12	30	
Chloroform	9.71		"	10.0		97.1	82-128		0.308	30	
Chloromethane	10.6		"	10.0		106	43-155		2.43	30	
cis-1,2-Dichloroethylene	9.06		"	10.0		90.6	83-129		1.10	30	
cis-1,3-Dichloropropylene	9.17		"	10.0		91.7	80-131		0.327	30	
Dibromochloromethane	8.49		"	10.0		84.9	80-130		0.236	30	
Dibromomethane	8.70		"	10.0		87.0	72-134		0.573	30	
Dichlorodifluoromethane	11.1		"	10.0		111	44-144		1.08	30	
Ethyl Benzene	9.24		"	10.0		92.4	80-131		0.432	30	
Hexachlorobutadiene	11.1		"	10.0		111	67-146		0.362	30	
Isopropylbenzene	9.60		"	10.0		96.0	76-140		0.933	30	
Methyl tert-butyl ether (MTBE)	8.93		"	10.0		89.3	76-135		0.449	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 BJ32109 - EPA 5030B											
LCS Dup (BJ32109-BSD1)								Prepared & Analyzed: 10/30/2023			
Methylene chloride	9.11		ug/L	10.0		91.1	55-137		0.110	30	
Naphthalene	9.15		"	10.0		91.5	70-147		3.00	30	
n-Butylbenzene	8.94		"	10.0		89.4	79-132		3.41	30	
n-Propylbenzene	9.19		"	10.0		91.9	78-133		0.218	30	
o-Xylene	9.35		"	10.0		93.5	78-130		0.214	30	
p- & m- Xylenes	18.8		"	20.0		94.2	77-133		0.319	30	
p-Diethylbenzene	9.04		"	10.0		90.4	84-134		2.12	30	
p-Ethyltoluene	9.41		"	10.0		94.1	88-129		0.106	30	
p-Isopropyltoluene	9.45		"	10.0		94.5	81-136		1.49	30	
sec-Butylbenzene	9.38		"	10.0		93.8	79-137		1.50	30	
Styrene	9.35		"	10.0		93.5	67-132		0.536	30	
tert-Butylbenzene	9.74		"	10.0		97.4	77-138		1.03	30	
Tetrachloroethylene	5.20		"	10.0		52.0	82-131	Low Bias	2.09	30	
Toluene	9.35		"	10.0		93.5	80-127		1.70	30	
trans-1,2-Dichloroethylene	9.93		"	10.0		99.3	80-132		2.98	30	
trans-1,3-Dichloropropylene	7.67		"	10.0		76.7	78-131	Low Bias	0.00	30	
Trichloroethylene	8.97		"	10.0		89.7	82-128		3.18	30	
Trichlorofluoromethane	6.67		"	10.0		66.7	67-139	Low Bias	2.95	30	
Vinyl Chloride	7.36		"	10.0		73.6	58-145		2.28	30	
Surrogate: SURR: 1,2-Dichloroethane-d4	*8.38*		*"*	*10.0*		*83.8*	*69-130*				
Surrogate: SURR: Toluene-d8	*9.32*		*"*	*10.0*		*93.2*	*81-117*				
Surrogate: SURR: p-Bromofluorobenzene	*10.1*		*"*	*10.0*		*101*	*79-122*				
Batch BJ32110 - EPA 5030B											
Blank (BJ32110-BLK1)								Prepared & Analyzed: 10/30/2023			
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 BJ32110 - EPA 5030B											
Blank (BJ32110-BLK1)											Prepared & Analyzed: 10/30/2023
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	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	*10.7*		*"*	*10.0*		*107*	*69-130*				
Surrogate: SURR: Toluene-d8	*9.54*		*"*	*10.0*		*95.4*	*81-117*				
Surrogate: SURR: p-Bromofluorobenzene	*9.05*		*"*	*10.0*		*90.5*	*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 BJ32110 - EPA 5030B											
LCS (BJ32110-BS1)								Prepared & Analyzed: 10/30/2023			
1,1,1,2-Tetrachloroethane	9.69		ug/L	10.0		96.9	82-126				
1,1,1-Trichloroethane	10.0		"	10.0		100	78-136				
1,1,2,2-Tetrachloroethane	9.62		"	10.0		96.2	76-129				
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	10.8		"	10.0		108	54-165				
1,1,2-Trichloroethane	9.24		"	10.0		92.4	82-123				
1,1-Dichloroethane	9.19		"	10.0		91.9	82-129				
1,1-Dichloroethylene	9.79		"	10.0		97.9	68-138				
1,1-Dichloropropylene	9.51		"	10.0		95.1	83-133				
1,2,3-Trichlorobenzene	10.5		"	10.0		105	76-136				
1,2,3-Trichloropropane	8.98		"	10.0		89.8	77-128				
1,2,4,5-Tetramethylbenzene	9.35		"	10.0		93.5	85-140				
1,2,4-Trichlorobenzene	10.2		"	10.0		102	76-137				
1,2,4-Trimethylbenzene	9.25		"	10.0		92.5	82-132				
1,2-Dibromo-3-chloropropane	9.89		"	10.0		98.9	45-147				
1,2-Dibromoethane	9.70		"	10.0		97.0	83-124				
1,2-Dichlorobenzene	9.77		"	10.0		97.7	79-123				
1,2-Dichloroethane	9.80		"	10.0		98.0	73-132				
1,2-Dichloropropane	9.30		"	10.0		93.0	78-126				
1,3,5-Trimethylbenzene	8.99		"	10.0		89.9	80-131				
1,3-Dichlorobenzene	9.50		"	10.0		95.0	86-122				
1,3-Dichloropropane	9.38		"	10.0		93.8	81-125				
1,4-Dichlorobenzene	9.45		"	10.0		94.5	85-124				
2,2-Dichloropropane	10.3		"	10.0		103	56-150				
2-Butanone	9.16		"	10.0		91.6	49-152				
2-Chlorotoluene	9.63		"	10.0		96.3	79-130				
2-Hexanone	7.80		"	10.0		78.0	51-146				
4-Chlorotoluene	9.13		"	10.0		91.3	79-128				
4-Methyl-2-pentanone	8.43		"	10.0		84.3	57-145				
Acetone	17.7		"	10.0		177	14-150	High Bias			
Benzene	9.77		"	10.0		97.7	85-126				
Bromobenzene	8.92		"	10.0		89.2	78-129				
Bromochloromethane	9.75		"	10.0		97.5	77-128				
Bromodichloromethane	9.19		"	10.0		91.9	79-128				
Bromoform	10.4		"	10.0		104	78-133				
Bromomethane	7.56		"	10.0		75.6	43-168				
Carbon disulfide	9.88		"	10.0		98.8	68-146				
Carbon tetrachloride	10.1		"	10.0		101	77-141				
Chlorobenzene	10.2		"	10.0		102	88-120				
Chloroethane	10.5		"	10.0		105	65-136				
Chloroform	9.73		"	10.0		97.3	82-128				
Chloromethane	9.90		"	10.0		99.0	43-155				
cis-1,2-Dichloroethylene	9.42		"	10.0		94.2	83-129				
cis-1,3-Dichloropropylene	9.12		"	10.0		91.2	80-131				
Dibromochloromethane	9.57		"	10.0		95.7	80-130				
Dibromomethane	9.30		"	10.0		93.0	72-134				
Dichlorodifluoromethane	11.8		"	10.0		118	44-144				
Ethyl Benzene	9.37		"	10.0		93.7	80-131				
Hexachlorobutadiene	10.2		"	10.0		102	67-146				
Isopropylbenzene	9.34		"	10.0		93.4	76-140				
Methyl tert-butyl ether (MTBE)	10.2		"	10.0		102	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 BJ32110 - EPA 5030B											
LCS (BJ32110-BS1)								Prepared & Analyzed: 10/30/2023			
Methylene chloride	8.18		ug/L	10.0		81.8	55-137				
Naphthalene	10.5		"	10.0		105	70-147				
n-Butylbenzene	9.37		"	10.0		93.7	79-132				
n-Propylbenzene	9.23		"	10.0		92.3	78-133				
o-Xylene	9.37		"	10.0		93.7	78-130				
p- & m- Xylenes	19.2		"	20.0		96.0	77-133				
p-Diethylbenzene	9.18		"	10.0		91.8	84-134				
p-Ethyltoluene	9.31		"	10.0		93.1	88-129				
p-Isopropyltoluene	9.45		"	10.0		94.5	81-136				
sec-Butylbenzene	9.39		"	10.0		93.9	79-137				
Styrene	9.57		"	10.0		95.7	67-132				
tert-Butylbenzene	9.40		"	10.0		94.0	77-138				
Tetrachloroethylene	5.04		"	10.0		50.4	82-131	Low Bias			
Toluene	9.40		"	10.0		94.0	80-127				
trans-1,2-Dichloroethylene	9.50		"	10.0		95.0	80-132				
trans-1,3-Dichloropropylene	9.18		"	10.0		91.8	78-131				
Trichloroethylene	9.09		"	10.0		90.9	82-128				
Trichlorofluoromethane	10.8		"	10.0		108	67-139				
Vinyl Chloride	10.1		"	10.0		101	58-145				
Surrogate: SURR: 1,2-Dichloroethane-d4	*9.93*		*"*	*10.0*		*99.3*	*69-130*				
Surrogate: SURR: Toluene-d8	*9.69*		*"*	*10.0*		*96.9*	*81-117*				
Surrogate: SURR: p-Bromofluorobenzene	*9.44*		*"*	*10.0*		*94.4*	*79-122*				
LCS Dup (BJ32110-BSD1)								Prepared & Analyzed: 10/30/2023			
1,1,1,2-Tetrachloroethane	9.67		ug/L	10.0		96.7	82-126		0.207	30	
1,1,1-Trichloroethane	9.98		"	10.0		99.8	78-136		0.400	30	
1,1,2,2-Tetrachloroethane	10.2		"	10.0		102	76-129		5.75	30	
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	10.6		"	10.0		106	54-165		2.34	30	
1,1,2-Trichloroethane	10.0		"	10.0		100	82-123		8.30	30	
1,1-Dichloroethane	9.36		"	10.0		93.6	82-129		1.83	30	
1,1-Dichloroethylene	9.53		"	10.0		95.3	68-138		2.69	30	
1,1-Dichloropropylene	9.36		"	10.0		93.6	83-133		1.59	30	
1,2,3-Trichlorobenzene	11.3		"	10.0		113	76-136		7.99	30	
1,2,3-Trichloropropane	9.64		"	10.0		96.4	77-128		7.09	30	
1,2,4,5-Tetramethylbenzene	9.02		"	10.0		90.2	85-140		3.59	30	
1,2,4-Trichlorobenzene	10.8		"	10.0		108	76-137		5.33	30	
1,2,4-Trimethylbenzene	8.75		"	10.0		87.5	82-132		5.56	30	
1,2-Dibromo-3-chloropropane	10.3		"	10.0		103	45-147		3.67	30	
1,2-Dibromoethane	10.6		"	10.0		106	83-124		8.58	30	
1,2-Dichlorobenzene	9.90		"	10.0		99.0	79-123		1.32	30	
1,2-Dichloroethane	10.9		"	10.0		109	73-132		10.5	30	
1,2-Dichloropropane	9.24		"	10.0		92.4	78-126		0.647	30	
1,3,5-Trimethylbenzene	8.36		"	10.0		83.6	80-131		7.26	30	
1,3-Dichlorobenzene	9.21		"	10.0		92.1	86-122		3.10	30	
1,3-Dichloropropane	9.98		"	10.0		99.8	81-125		6.20	30	
1,4-Dichlorobenzene	9.17		"	10.0		91.7	85-124		3.01	30	
2,2-Dichloropropane	10.0		"	10.0		100	56-150		2.46	30	
2-Butanone	8.95		"	10.0		89.5	49-152		2.32	30	
2-Chlorotoluene	8.95		"	10.0		89.5	79-130		7.32	30	
2-Hexanone	9.53		"	10.0		95.3	51-146		20.0	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 BJ32110 - EPA 5030B											
LCS Dup (BJ32110-BSD1)								Prepared & Analyzed: 10/30/2023			
4-Chlorotoluene	8.54		ug/L	10.0		85.4	79-128		6.68	30	
4-Methyl-2-pentanone	9.69		"	10.0		96.9	57-145		13.9	30	
Acetone	22.1		"	10.0		221	14-150	High Bias	22.0	30	
Benzene	9.89		"	10.0		98.9	85-126		1.22	30	
Bromobenzene	8.62		"	10.0		86.2	78-129		3.42	30	
Bromochloromethane	10.7		"	10.0		107	77-128		9.38	30	
Bromodichloromethane	9.37		"	10.0		93.7	79-128		1.94	30	
Bromoform	11.4		"	10.0		114	78-133		9.06	30	
Bromomethane	8.16		"	10.0		81.6	43-168		7.63	30	
Carbon disulfide	9.66		"	10.0		96.6	68-146		2.25	30	
Carbon tetrachloride	10.0		"	10.0		100	77-141		0.498	30	
Chlorobenzene	10.1		"	10.0		101	88-120		0.494	30	
Chloroethane	10.3		"	10.0		103	65-136		2.03	30	
Chloroform	9.99		"	10.0		99.9	82-128		2.64	30	
Chloromethane	9.92		"	10.0		99.2	43-155		0.202	30	
cis-1,2-Dichloroethylene	9.42		"	10.0		94.2	83-129		0.00	30	
cis-1,3-Dichloropropylene	9.34		"	10.0		93.4	80-131		2.38	30	
Dibromochloromethane	10.3		"	10.0		103	80-130		7.35	30	
Dibromomethane	9.91		"	10.0		99.1	72-134		6.35	30	
Dichlorodifluoromethane	11.7		"	10.0		117	44-144		1.45	30	
Ethyl Benzene	9.14		"	10.0		91.4	80-131		2.49	30	
Hexachlorobutadiene	9.48		"	10.0		94.8	67-146		7.41	30	
Isopropylbenzene	8.54		"	10.0		85.4	76-140		8.95	30	
Methyl tert-butyl ether (MTBE)	11.9		"	10.0		119	76-135		15.9	30	
Methylene chloride	8.56		"	10.0		85.6	55-137		4.54	30	
Naphthalene	11.7		"	10.0		117	70-147		10.5	30	
n-Butylbenzene	8.75		"	10.0		87.5	79-132		6.84	30	
n-Propylbenzene	8.44		"	10.0		84.4	78-133		8.94	30	
o-Xylene	9.24		"	10.0		92.4	78-130		1.40	30	
p- & m- Xylenes	18.6		"	20.0		93.2	77-133		2.91	30	
p-Diethylbenzene	8.66		"	10.0		86.6	84-134		5.83	30	
p-Ethyltoluene	8.58		"	10.0		85.8	88-129	Low Bias	8.16	30	
p-Isopropyltoluene	8.82		"	10.0		88.2	81-136		6.90	30	
sec-Butylbenzene	8.71		"	10.0		87.1	79-137		7.51	30	
Styrene	9.60		"	10.0		96.0	67-132		0.313	30	
tert-Butylbenzene	8.76		"	10.0		87.6	77-138		7.05	30	
Tetrachloroethylene	4.90		"	10.0		49.0	82-131	Low Bias	2.82	30	
Toluene	9.09		"	10.0		90.9	80-127		3.35	30	
trans-1,2-Dichloroethylene	9.46		"	10.0		94.6	80-132		0.422	30	
trans-1,3-Dichloropropylene	9.82		"	10.0		98.2	78-131		6.74	30	
Trichloroethylene	8.67		"	10.0		86.7	82-128		4.73	30	
Trichlorofluoromethane	10.6		"	10.0		106	67-139		2.34	30	
Vinyl Chloride	9.96		"	10.0		99.6	58-145		1.79	30	
Surrogate: SURR: 1,2-Dichloroethane-d4	*10.9*		*"*	*10.0*		*109*	*69-130*				
Surrogate: SURR: Toluene-d8	*9.49*		*"*	*10.0*		*94.9*	*81-117*				
Surrogate: SURR: p-Bromofluorobenzene	*9.02*		*"*	*10.0*		*90.2*	*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 BJ32196 - EPA 5030B											
Blank (BJ32196-BLK1)									Prepared & Analyzed: 10/31/2023		
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	ND	0.500	"								
Isopropylbenzene	ND	0.500	"								
Methyl tert-butyl ether (MTBE)	ND	0.500	"								

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BJ32196 - EPA 5030B											
Blank (BJ32196-BLK1)										Prepared & Analyzed: 10/31/2023	
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	*10.5*		*"*	*10.0*		*105*	*69-130*				
Surrogate: SURR: Toluene-d8	*9.44*		*"*	*10.0*		*94.4*	*81-117*				
Surrogate: SURR: p-Bromofluorobenzene	*9.05*		*"*	*10.0*		*90.5*	*79-122*				
LCS (BJ32196-BS1)										Prepared & Analyzed: 10/31/2023	
1,1,1,2-Tetrachloroethane	9.71		ug/L	10.0		97.1	82-126				
1,1,1-Trichloroethane	10.2		"	10.0		102	78-136				
1,1,2,2-Tetrachloroethane	9.69		"	10.0		96.9	76-129				
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	10.5		"	10.0		105	54-165				
1,1,2-Trichloroethane	9.57		"	10.0		95.7	82-123				
1,1-Dichloroethane	9.45		"	10.0		94.5	82-129				
1,1-Dichloroethylene	9.75		"	10.0		97.5	68-138				
1,1-Dichloropropylene	9.77		"	10.0		97.7	83-133				
1,2,3-Trichlorobenzene	11.0		"	10.0		110	76-136				
1,2,3-Trichloropropane	9.01		"	10.0		90.1	77-128				
1,2,4,5-Tetramethylbenzene	9.26		"	10.0		92.6	85-140				
1,2,4-Trichlorobenzene	10.5		"	10.0		105	76-137				
1,2,4-Trimethylbenzene	9.05		"	10.0		90.5	82-132				
1,2-Dibromo-3-chloropropane	9.52		"	10.0		95.2	45-147				
1,2-Dibromoethane	10.1		"	10.0		101	83-124				
1,2-Dichlorobenzene	9.66		"	10.0		96.6	79-123				
1,2-Dichloroethane	10.6		"	10.0		106	73-132				
1,2-Dichloropropane	9.33		"	10.0		93.3	78-126				
1,3,5-Trimethylbenzene	8.76		"	10.0		87.6	80-131				
1,3-Dichlorobenzene	9.41		"	10.0		94.1	86-122				
1,3-Dichloropropane	9.87		"	10.0		98.7	81-125				
1,4-Dichlorobenzene	9.36		"	10.0		93.6	85-124				
2,2-Dichloropropane	10.5		"	10.0		105	56-150				
2-Butanone	9.46		"	10.0		94.6	49-152				
2-Chlorotoluene	9.25		"	10.0		92.5	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 BJ32196 - EPA 5030B											
LCS (BJ32196-BS1)								Prepared & Analyzed: 10/31/2023			
2-Hexanone	8.58		ug/L	10.0		85.8	51-146				
4-Chlorotoluene	8.87		"	10.0		88.7	79-128				
4-Methyl-2-pentanone	8.71		"	10.0		87.1	57-145				
Acetone	20.1		"	10.0		201	14-150	High Bias			
Benzene	10.1		"	10.0		101	85-126				
Bromobenzene	8.78		"	10.0		87.8	78-129				
Bromochloromethane	10.3		"	10.0		103	77-128				
Bromodichloromethane	9.25		"	10.0		92.5	79-128				
Bromoform	10.8		"	10.0		108	78-133				
Bromomethane	8.19		"	10.0		81.9	43-168				
Carbon disulfide	9.97		"	10.0		99.7	68-146				
Carbon tetrachloride	10.3		"	10.0		103	77-141				
Chlorobenzene	10.2		"	10.0		102	88-120				
Chloroethane	10.6		"	10.0		106	65-136				
Chloroform	10.1		"	10.0		101	82-128				
Chloromethane	9.78		"	10.0		97.8	43-155				
cis-1,2-Dichloroethylene	9.72		"	10.0		97.2	83-129				
cis-1,3-Dichloropropylene	9.28		"	10.0		92.8	80-131				
Dibromochloromethane	9.95		"	10.0		99.5	80-130				
Dibromomethane	9.78		"	10.0		97.8	72-134				
Dichlorodifluoromethane	10.8		"	10.0		108	44-144				
Ethyl Benzene	9.29		"	10.0		92.9	80-131				
Hexachlorobutadiene	10.1		"	10.0		101	67-146				
Isopropylbenzene	8.83		"	10.0		88.3	76-140				
Methyl tert-butyl ether (MTBE)	11.2		"	10.0		112	76-135				
Methylene chloride	8.09		"	10.0		80.9	55-137				
Naphthalene	10.7		"	10.0		107	70-147				
n-Butylbenzene	9.10		"	10.0		91.0	79-132				
n-Propylbenzene	8.81		"	10.0		88.1	78-133				
o-Xylene	9.46		"	10.0		94.6	78-130				
p- & m- Xylenes	19.0		"	20.0		95.2	77-133				
p-Diethylbenzene	9.00		"	10.0		90.0	84-134				
p-Ethyltoluene	8.92		"	10.0		89.2	88-129				
p-Isopropyltoluene	9.13		"	10.0		91.3	81-136				
sec-Butylbenzene	9.04		"	10.0		90.4	79-137				
Styrene	9.68		"	10.0		96.8	67-132				
tert-Butylbenzene	9.07		"	10.0		90.7	77-138				
Tetrachloroethylene	5.00		"	10.0		50.0	82-131	Low Bias			
Toluene	9.38		"	10.0		93.8	80-127				
trans-1,2-Dichloroethylene	9.73		"	10.0		97.3	80-132				
trans-1,3-Dichloropropylene	9.47		"	10.0		94.7	78-131				
Trichloroethylene	8.84		"	10.0		88.4	82-128				
Trichlorofluoromethane	10.5		"	10.0		105	67-139				
Vinyl Chloride	9.86		"	10.0		98.6	58-145				
Surrogate: SURR: 1,2-Dichloroethane-d4	*10.4*		*"*	*10.0*		*104*	*69-130*				
Surrogate: SURR: Toluene-d8	*9.43*		*"*	*10.0*		*94.3*	*81-117*				
Surrogate: SURR: p-Bromofluorobenzene	*9.20*		*"*	*10.0*		*92.0*	*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 BJ32196 - EPA 5030B											
LCS Dup (BJ32196-BSD1)							Prepared & Analyzed: 10/31/2023				
1,1,1,2-Tetrachloroethane	9.89		ug/L	10.0		98.9	82-126		1.84	30	
1,1,1-Trichloroethane	9.96		"	10.0		99.6	78-136		2.48	30	
1,1,2,2-Tetrachloroethane	10.8		"	10.0		108	76-129		11.0	30	
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	10.2		"	10.0		102	54-165		3.01	30	
1,1,2-Trichloroethane	10.4		"	10.0		104	82-123		8.12	30	
1,1-Dichloroethane	9.27		"	10.0		92.7	82-129		1.92	30	
1,1-Dichloroethylene	9.37		"	10.0		93.7	68-138		3.97	30	
1,1-Dichloropropylene	9.39		"	10.0		93.9	83-133		3.97	30	
1,2,3-Trichlorobenzene	12.4		"	10.0		124	76-136		12.1	30	
1,2,3-Trichloropropane	10.3		"	10.0		103	77-128		13.5	30	
1,2,4,5-Tetramethylbenzene	9.42		"	10.0		94.2	85-140		1.71	30	
1,2,4-Trichlorobenzene	11.5		"	10.0		115	76-137		8.81	30	
1,2,4-Trimethylbenzene	8.80		"	10.0		88.0	82-132		2.80	30	
1,2-Dibromo-3-chloropropane	10.9		"	10.0		109	45-147		13.8	30	
1,2-Dibromoethane	10.8		"	10.0		108	83-124		6.88	30	
1,2-Dichlorobenzene	9.93		"	10.0		99.3	79-123		2.76	30	
1,2-Dichloroethane	10.9		"	10.0		109	73-132		2.87	30	
1,2-Dichloropropane	9.21		"	10.0		92.1	78-126		1.29	30	
1,3,5-Trimethylbenzene	9.04		"	10.0		90.4	80-131		3.15	30	
1,3-Dichlorobenzene	9.41		"	10.0		94.1	86-122		0.00	30	
1,3-Dichloropropane	10.3		"	10.0		103	81-125		4.36	30	
1,4-Dichlorobenzene	9.44		"	10.0		94.4	85-124		0.851	30	
2,2-Dichloropropane	10.1		"	10.0		101	56-150		4.09	30	
2-Butanone	6.18		"	10.0		61.8	49-152		41.9	30	Non-dir.
2-Chlorotoluene	9.12		"	10.0		91.2	79-130		1.42	30	
2-Hexanone	9.84		"	10.0		98.4	51-146		13.7	30	
4-Chlorotoluene	9.24		"	10.0		92.4	79-128		4.09	30	
4-Methyl-2-pentanone	10.1		"	10.0		101	57-145		14.8	30	
Acetone	23.0		"	10.0		230	14-150	High Bias	13.3	30	
Benzene	10.0		"	10.0		100	85-126		1.39	30	
Bromobenzene	9.08		"	10.0		90.8	78-129		3.36	30	
Bromochloromethane	10.6		"	10.0		106	77-128		2.77	30	
Bromodichloromethane	9.33		"	10.0		93.3	79-128		0.861	30	
Bromoform	11.8		"	10.0		118	78-133		8.58	30	
Bromomethane	7.79		"	10.0		77.9	43-168		5.01	30	
Carbon disulfide	9.51		"	10.0		95.1	68-146		4.72	30	
Carbon tetrachloride	9.93		"	10.0		99.3	77-141		3.46	30	
Chlorobenzene	10.1		"	10.0		101	88-120		0.591	30	
Chloroethane	10.1		"	10.0		101	65-136		5.31	30	
Chloroform	9.92		"	10.0		99.2	82-128		1.50	30	
Chloromethane	9.48		"	10.0		94.8	43-155		3.12	30	
cis-1,2-Dichloroethylene	9.47		"	10.0		94.7	83-129		2.61	30	
cis-1,3-Dichloropropylene	9.37		"	10.0		93.7	80-131		0.965	30	
Dibromochloromethane	10.4		"	10.0		104	80-130		3.94	30	
Dibromomethane	10.4		"	10.0		104	72-134		5.76	30	
Dichlorodifluoromethane	10.3		"	10.0		103	44-144		4.46	30	
Ethyl Benzene	9.09		"	10.0		90.9	80-131		2.18	30	
Hexachlorobutadiene	9.74		"	10.0		97.4	67-146		3.73	30	
Isopropylbenzene	8.40		"	10.0		84.0	76-140		4.99	30	
Methyl tert-butyl ether (MTBE)	12.2		"	10.0		122	76-135		9.24	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 BJ32196 - EPA 5030B											
LCS Dup (BJ32196-BSD1)								Prepared & Analyzed: 10/31/2023			
Methylene chloride	8.20		ug/L	10.0		82.0	55-137		1.35	30	
Naphthalene	12.6		"	10.0		126	70-147		15.8	30	
n-Butylbenzene	8.97		"	10.0		89.7	79-132		1.44	30	
n-Propylbenzene	8.72		"	10.0		87.2	78-133		1.03	30	
o-Xylene	9.29		"	10.0		92.9	78-130		1.81	30	
p- & m- Xylenes	18.7		"	20.0		93.5	77-133		1.75	30	
p-Diethylbenzene	8.89		"	10.0		88.9	84-134		1.23	30	
p-Ethyltoluene	9.13		"	10.0		91.3	88-129		2.33	30	
p-Isopropyltoluene	8.90		"	10.0		89.0	81-136		2.55	30	
sec-Butylbenzene	8.82		"	10.0		88.2	79-137		2.46	30	
Styrene	9.78		"	10.0		97.8	67-132		1.03	30	
tert-Butylbenzene	8.72		"	10.0		87.2	77-138		3.93	30	
Tetrachloroethylene	4.91		"	10.0		49.1	82-131	Low Bias	1.82	30	
Toluene	9.11		"	10.0		91.1	80-127		2.92	30	
trans-1,2-Dichloroethylene	9.38		"	10.0		93.8	80-132		3.66	30	
trans-1,3-Dichloropropylene	9.82		"	10.0		98.2	78-131		3.63	30	
Trichloroethylene	8.55		"	10.0		85.5	82-128		3.34	30	
Trichlorofluoromethane	10.2		"	10.0		102	67-139		3.01	30	
Vinyl Chloride	9.49		"	10.0		94.9	58-145		3.82	30	
Surrogate: SURR: 1,2-Dichloroethane-d4	*10.8*		*"*	*10.0*		*108*	*69-130*				
Surrogate: SURR: Toluene-d8	*9.36*		*"*	*10.0*		*93.6*	*81-117*				
Surrogate: SURR: p-Bromofluorobenzene	*8.96*		*"*	*10.0*		*89.6*	*79-122*				
Batch BK30032 - EPA 5030B											
Blank (BK30032-BLK1)								Prepared & Analyzed: 11/01/2023			
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 BK30032 - EPA 5030B											
Blank (BK30032-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	*10.8*		*"*	*10.0*		*108*	*69-130*				
Surrogate: SURR: Toluene-d8	*9.67*		*"*	*10.0*		*96.7*	*81-117*				
Surrogate: SURR: p-Bromofluorobenzene	*9.49*		*"*	*10.0*		*94.9*	*79-122*				

Prepared & Analyzed: 11/01/2023

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Batch BK30032 - EPA 5030B

LCS (BK30032-BS1) Prepared & Analyzed: 11/01/2023

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
1,1,1,2-Tetrachloroethane	9.71		ug/L	10.0		97.1	82-126				
1,1,1-Trichloroethane	10.3		"	10.0		103	78-136				
1,1,2,2-Tetrachloroethane	10.0		"	10.0		100	76-129				
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	10.7		"	10.0		107	54-165				
1,1,2-Trichloroethane	9.40		"	10.0		94.0	82-123				
1,1-Dichloroethane	9.68		"	10.0		96.8	82-129				
1,1-Dichloroethylene	10.2		"	10.0		102	68-138				
1,1-Dichloropropylene	9.78		"	10.0		97.8	83-133				
1,2,3-Trichlorobenzene	9.78		"	10.0		97.8	76-136				
1,2,3-Trichloropropane	9.22		"	10.0		92.2	77-128				
1,2,4,5-Tetramethylbenzene	9.41		"	10.0		94.1	85-140				
1,2,4-Trichlorobenzene	10.0		"	10.0		100	76-137				
1,2,4-Trimethylbenzene	9.67		"	10.0		96.7	82-132				
1,2-Dibromo-3-chloropropane	9.37		"	10.0		93.7	45-147				
1,2-Dibromoethane	9.74		"	10.0		97.4	83-124				
1,2-Dichlorobenzene	9.65		"	10.0		96.5	79-123				
1,2-Dichloroethane	10.7		"	10.0		107	73-132				
1,2-Dichloropropane	9.80		"	10.0		98.0	78-126				
1,3,5-Trimethylbenzene	9.28		"	10.0		92.8	80-131				
1,3-Dichlorobenzene	9.42		"	10.0		94.2	86-122				
1,3-Dichloropropane	9.66		"	10.0		96.6	81-125				
1,4-Dichlorobenzene	9.50		"	10.0		95.0	85-124				
2,2-Dichloropropane	10.7		"	10.0		107	56-150				
2-Butanone	9.33		"	10.0		93.3	49-152				
2-Chlorotoluene	9.39		"	10.0		93.9	79-130				
2-Hexanone	8.68		"	10.0		86.8	51-146				
4-Chlorotoluene	9.60		"	10.0		96.0	79-128				
4-Methyl-2-pentanone	8.83		"	10.0		88.3	57-145				
Acetone	19.6		"	10.0		196	14-150	High Bias			
Benzene	10.2		"	10.0		102	85-126				
Bromobenzene	9.48		"	10.0		94.8	78-129				
Bromochloromethane	10.5		"	10.0		105	77-128				
Bromodichloromethane	9.50		"	10.0		95.0	79-128				
Bromoform	9.94		"	10.0		99.4	78-133				
Bromomethane	8.15		"	10.0		81.5	43-168				
Carbon disulfide	9.98		"	10.0		99.8	68-146				
Carbon tetrachloride	10.2		"	10.0		102	77-141				
Chlorobenzene	10.2		"	10.0		102	88-120				
Chloroethane	10.8		"	10.0		108	65-136				
Chloroform	10.1		"	10.0		101	82-128				
Chloromethane	10.3		"	10.0		103	43-155				
cis-1,2-Dichloroethylene	9.93		"	10.0		99.3	83-129				
cis-1,3-Dichloropropylene	9.55		"	10.0		95.5	80-131				
Dibromochloromethane	9.57		"	10.0		95.7	80-130				
Dibromomethane	9.55		"	10.0		95.5	72-134				
Dichlorodifluoromethane	10.4		"	10.0		104	44-144				
Ethyl Benzene	9.75		"	10.0		97.5	80-131				
Hexachlorobutadiene	10.3		"	10.0		103	67-146				
Isopropylbenzene	9.63		"	10.0		96.3	76-140				
Methyl tert-butyl ether (MTBE)	10.4		"	10.0		104	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 BK30032 - EPA 5030B											
LCS (BK30032-BS1)							Prepared & Analyzed: 11/01/2023				
Methylene chloride	8.40		ug/L	10.0		84.0	55-137				
Naphthalene	10.0		"	10.0		100	70-147				
n-Butylbenzene	9.82		"	10.0		98.2	79-132				
n-Propylbenzene	9.73		"	10.0		97.3	78-133				
o-Xylene	9.75		"	10.0		97.5	78-130				
p- & m- Xylenes	19.9		"	20.0		99.4	77-133				
p-Diethylbenzene	9.63		"	10.0		96.3	84-134				
p-Ethyltoluene	9.67		"	10.0		96.7	88-129				
p-Isopropyltoluene	9.61		"	10.0		96.1	81-136				
sec-Butylbenzene	9.78		"	10.0		97.8	79-137				
Styrene	9.64		"	10.0		96.4	67-132				
tert-Butylbenzene	9.68		"	10.0		96.8	77-138				
Tetrachloroethylene	5.12		"	10.0		51.2	82-131	Low Bias			
Toluene	9.77		"	10.0		97.7	80-127				
trans-1,2-Dichloroethylene	10.0		"	10.0		100	80-132				
trans-1,3-Dichloropropylene	9.54		"	10.0		95.4	78-131				
Trichloroethylene	9.34		"	10.0		93.4	82-128				
Trichlorofluoromethane	10.7		"	10.0		107	67-139				
Vinyl Chloride	10.7		"	10.0		107	58-145				
Surrogate: SURR: 1,2-Dichloroethane-d4	*10.5*		*"*	*10.0*		*105*	*69-130*				
Surrogate: SURR: Toluene-d8	*9.69*		*"*	*10.0*		*96.9*	*81-117*				
Surrogate: SURR: p-Bromofluorobenzene	*9.79*		*"*	*10.0*		*97.9*	*79-122*				
LCS Dup (BK30032-BSD1)							Prepared & Analyzed: 11/01/2023				
1,1,1,2-Tetrachloroethane	9.73		ug/L	10.0		97.3	82-126		0.206	30	
1,1,1-Trichloroethane	9.96		"	10.0		99.6	78-136		3.65	30	
1,1,2,2-Tetrachloroethane	10.5		"	10.0		105	76-129		4.76	30	
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	10.1		"	10.0		101	54-165		5.76	30	
1,1,2-Trichloroethane	9.91		"	10.0		99.1	82-123		5.28	30	
1,1-Dichloroethane	9.42		"	10.0		94.2	82-129		2.72	30	
1,1-Dichloroethylene	9.63		"	10.0		96.3	68-138		5.85	30	
1,1-Dichloropropylene	9.42		"	10.0		94.2	83-133		3.75	30	
1,2,3-Trichlorobenzene	11.2		"	10.0		112	76-136		13.2	30	
1,2,3-Trichloropropane	9.34		"	10.0		93.4	77-128		1.29	30	
1,2,4,5-Tetramethylbenzene	9.31		"	10.0		93.1	85-140		1.07	30	
1,2,4-Trichlorobenzene	10.6		"	10.0		106	76-137		5.45	30	
1,2,4-Trimethylbenzene	9.23		"	10.0		92.3	82-132		4.66	30	
1,2-Dibromo-3-chloropropane	10.2		"	10.0		102	45-147		8.68	30	
1,2-Dibromoethane	10.4		"	10.0		104	83-124		6.07	30	
1,2-Dichlorobenzene	9.79		"	10.0		97.9	79-123		1.44	30	
1,2-Dichloroethane	11.0		"	10.0		110	73-132		3.04	30	
1,2-Dichloropropane	9.74		"	10.0		97.4	78-126		0.614	30	
1,3,5-Trimethylbenzene	8.99		"	10.0		89.9	80-131		3.17	30	
1,3-Dichlorobenzene	9.25		"	10.0		92.5	86-122		1.82	30	
1,3-Dichloropropane	10.2		"	10.0		102	81-125		5.63	30	
1,4-Dichlorobenzene	9.39		"	10.0		93.9	85-124		1.16	30	
2,2-Dichloropropane	10.1		"	10.0		101	56-150		5.75	30	
2-Butanone	10.0		"	10.0		100	49-152		7.13	30	
2-Chlorotoluene	9.12		"	10.0		91.2	79-130		2.92	30	
2-Hexanone	9.63		"	10.0		96.3	51-146		10.4	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 BK30032 - EPA 5030B											
LCS Dup (BK30032-BSD1)								Prepared & Analyzed: 11/01/2023			
4-Chlorotoluene	9.28		ug/L	10.0		92.8	79-128		3.39	30	
4-Methyl-2-pentanone	9.90		"	10.0		99.0	57-145		11.4	30	
Acetone	21.9		"	10.0		219	14-150	High Bias	10.6	30	
Benzene	9.95		"	10.0		99.5	85-126		2.48	30	
Bromobenzene	9.13		"	10.0		91.3	78-129		3.76	30	
Bromochloromethane	10.7		"	10.0		107	77-128		2.36	30	
Bromodichloromethane	9.75		"	10.0		97.5	79-128		2.60	30	
Bromoform	11.0		"	10.0		110	78-133		10.0	30	
Bromomethane	8.08		"	10.0		80.8	43-168		0.863	30	
Carbon disulfide	9.41		"	10.0		94.1	68-146		5.88	30	
Carbon tetrachloride	9.84		"	10.0		98.4	77-141		3.98	30	
Chlorobenzene	10.1		"	10.0		101	88-120		0.493	30	
Chloroethane	10.3		"	10.0		103	65-136		4.47	30	
Chloroform	9.95		"	10.0		99.5	82-128		1.69	30	
Chloromethane	9.89		"	10.0		98.9	43-155		3.77	30	
cis-1,2-Dichloroethylene	9.78		"	10.0		97.8	83-129		1.52	30	
cis-1,3-Dichloropropylene	9.62		"	10.0		96.2	80-131		0.730	30	
Dibromochloromethane	10.0		"	10.0		100	80-130		4.39	30	
Dibromomethane	10.2		"	10.0		102	72-134		6.19	30	
Dichlorodifluoromethane	9.88		"	10.0		98.8	44-144		4.94	30	
Ethyl Benzene	9.57		"	10.0		95.7	80-131		1.86	30	
Hexachlorobutadiene	9.85		"	10.0		98.5	67-146		4.56	30	
Isopropylbenzene	9.00		"	10.0		90.0	76-140		6.76	30	
Methyl tert-butyl ether (MTBE)	11.3		"	10.0		113	76-135		8.13	30	
Methylene chloride	8.45		"	10.0		84.5	55-137		0.593	30	
Naphthalene	11.3		"	10.0		113	70-147		11.5	30	
n-Butylbenzene	9.39		"	10.0		93.9	79-132		4.48	30	
n-Propylbenzene	9.15		"	10.0		91.5	78-133		6.14	30	
o-Xylene	9.63		"	10.0		96.3	78-130		1.24	30	
p- & m- Xylenes	19.6		"	20.0		98.0	77-133		1.52	30	
p-Diethylbenzene	9.18		"	10.0		91.8	84-134		4.78	30	
p-Ethyltoluene	9.09		"	10.0		90.9	88-129		6.18	30	
p-Isopropyltoluene	9.17		"	10.0		91.7	81-136		4.69	30	
sec-Butylbenzene	9.20		"	10.0		92.0	79-137		6.11	30	
Styrene	9.76		"	10.0		97.6	67-132		1.24	30	
tert-Butylbenzene	9.15		"	10.0		91.5	77-138		5.63	30	
Tetrachloroethylene	4.84		"	10.0		48.4	82-131	Low Bias	5.62	30	
Toluene	9.52		"	10.0		95.2	80-127		2.59	30	
trans-1,2-Dichloroethylene	9.70		"	10.0		97.0	80-132		3.44	30	
trans-1,3-Dichloropropylene	9.96		"	10.0		99.6	78-131		4.31	30	
Trichloroethylene	9.04		"	10.0		90.4	82-128		3.26	30	
Trichlorofluoromethane	10.1		"	10.0		101	67-139		5.76	30	
Vinyl Chloride	9.97		"	10.0		99.7	58-145		6.97	30	
Surrogate: SURR: 1,2-Dichloroethane-d4	*10.7*		*"*	*10.0*		*107*	*69-130*				
Surrogate: SURR: Toluene-d8	*9.65*		*"*	*10.0*		*96.5*	*81-117*				
Surrogate: SURR: p-Bromofluorobenzene	*9.55*		*"*	*10.0*		*95.5*	*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 BK30045 - EPA 5030B											
Blank (BK30045-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: 11/02/2023

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 BK30045 - EPA 5030B											
Blank (BK30045-BLK1)									Prepared & Analyzed: 11/02/2023		
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	*10.4*		*"*	*10.0*		*104*	*69-130*				
Surrogate: SURR: Toluene-d8	*9.46*		*"*	*10.0*		*94.6*	*81-117*				
Surrogate: SURR: p-Bromofluorobenzene	*8.75*		*"*	*10.0*		*87.5*	*79-122*				
LCS (BK30045-BS1)									Prepared & Analyzed: 11/02/2023		
1,1,1,2-Tetrachloroethane	9.73		ug/L	10.0		97.3	82-126				
1,1,1-Trichloroethane	10.3		"	10.0		103	78-136				
1,1,2,2-Tetrachloroethane	10.5		"	10.0		105	76-129				
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	11.1		"	10.0		111	54-165				
1,1,2-Trichloroethane	9.93		"	10.0		99.3	82-123				
1,1-Dichloroethane	9.52		"	10.0		95.2	82-129				
1,1-Dichloroethylene	9.77		"	10.0		97.7	68-138				
1,1-Dichloropropylene	9.85		"	10.0		98.5	83-133				
1,2,3-Trichlorobenzene	10.3		"	10.0		103	76-136				
1,2,3-Trichloropropane	9.35		"	10.0		93.5	77-128				
1,2,4,5-Tetramethylbenzene	9.38		"	10.0		93.8	85-140				
1,2,4-Trichlorobenzene	10.1		"	10.0		101	76-137				
1,2,4-Trimethylbenzene	9.19		"	10.0		91.9	82-132				
1,2-Dibromo-3-chloropropane	9.66		"	10.0		96.6	45-147				
1,2-Dibromoethane	10.5		"	10.0		105	83-124				
1,2-Dichlorobenzene	9.81		"	10.0		98.1	79-123				
1,2-Dichloroethane	10.7		"	10.0		107	73-132				
1,2-Dichloropropane	9.20		"	10.0		92.0	78-126				
1,3,5-Trimethylbenzene	8.90		"	10.0		89.0	80-131				
1,3-Dichlorobenzene	9.38		"	10.0		93.8	86-122				
1,3-Dichloropropane	10.1		"	10.0		101	81-125				
1,4-Dichlorobenzene	9.47		"	10.0		94.7	85-124				
2,2-Dichloropropane	10.6		"	10.0		106	56-150				
2-Butanone	10.6		"	10.0		106	49-152				
2-Chlorotoluene	9.69		"	10.0		96.9	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 BK30045 - EPA 5030B											
LCS (BK30045-BS1)								Prepared & Analyzed: 11/02/2023			
2-Hexanone	9.75		ug/L	10.0		97.5	51-146				
4-Chlorotoluene	9.14		"	10.0		91.4	79-128				
4-Methyl-2-pentanone	9.39		"	10.0		93.9	57-145				
Acetone	21.3		"	10.0		213	14-150	High Bias			
Benzene	10.2		"	10.0		102	85-126				
Bromobenzene	9.26		"	10.0		92.6	78-129				
Bromochloromethane	10.6		"	10.0		106	77-128				
Bromodichloromethane	9.31		"	10.0		93.1	79-128				
Bromoform	10.8		"	10.0		108	78-133				
Bromomethane	8.89		"	10.0		88.9	43-168				
Carbon disulfide	9.89		"	10.0		98.9	68-146				
Carbon tetrachloride	10.5		"	10.0		105	77-141				
Chlorobenzene	10.1		"	10.0		101	88-120				
Chloroethane	10.9		"	10.0		109	65-136				
Chloroform	10.2		"	10.0		102	82-128				
Chloromethane	10.2		"	10.0		102	43-155				
cis-1,2-Dichloroethylene	9.73		"	10.0		97.3	83-129				
cis-1,3-Dichloropropylene	9.09		"	10.0		90.9	80-131				
Dibromochloromethane	10.0		"	10.0		100	80-130				
Dibromomethane	9.77		"	10.0		97.7	72-134				
Dichlorodifluoromethane	13.6		"	10.0		136	44-144				
Ethyl Benzene	9.52		"	10.0		95.2	80-131				
Hexachlorobutadiene	9.69		"	10.0		96.9	67-146				
Isopropylbenzene	8.93		"	10.0		89.3	76-140				
Methyl tert-butyl ether (MTBE)	11.7		"	10.0		117	76-135				
Methylene chloride	8.17		"	10.0		81.7	55-137				
Naphthalene	10.4		"	10.0		104	70-147				
n-Butylbenzene	9.43		"	10.0		94.3	79-132				
n-Propylbenzene	9.03		"	10.0		90.3	78-133				
o-Xylene	9.57		"	10.0		95.7	78-130				
p- & m- Xylenes	19.4		"	20.0		97.2	77-133				
p-Diethylbenzene	9.38		"	10.0		93.8	84-134				
p-Ethyltoluene	9.23		"	10.0		92.3	88-129				
p-Isopropyltoluene	9.27		"	10.0		92.7	81-136				
sec-Butylbenzene	9.29		"	10.0		92.9	79-137				
Styrene	9.74		"	10.0		97.4	67-132				
tert-Butylbenzene	9.19		"	10.0		91.9	77-138				
Tetrachloroethylene	4.92		"	10.0		49.2	82-131	Low Bias			
Toluene	9.25		"	10.0		92.5	80-127				
trans-1,2-Dichloroethylene	9.70		"	10.0		97.0	80-132				
trans-1,3-Dichloropropylene	9.88		"	10.0		98.8	78-131				
Trichloroethylene	8.04		"	10.0		80.4	82-128	Low Bias			
Trichlorofluoromethane	11.1		"	10.0		111	67-139				
Vinyl Chloride	10.5		"	10.0		105	58-145				
Surrogate: SURR: 1,2-Dichloroethane-d4	*10.4*		*"*	*10.0*		*104*	*69-130*				
Surrogate: SURR: Toluene-d8	*9.22*		*"*	*10.0*		*92.2*	*81-117*				
Surrogate: SURR: p-Bromofluorobenzene	*9.47*		*"*	*10.0*		*94.7*	*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 BK30045 - EPA 5030B											
LCS Dup (BK30045-BSD1)								Prepared & Analyzed: 11/02/2023			
1,1,1,2-Tetrachloroethane	9.73		ug/L	10.0		97.3	82-126		0.00	30	
1,1,1-Trichloroethane	9.86		"	10.0		98.6	78-136		4.37	30	
1,1,2,2-Tetrachloroethane	10.3		"	10.0		103	76-129		2.40	30	
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	10.6		"	10.0		106	54-165		4.52	30	
1,1,2-Trichloroethane	10.2		"	10.0		102	82-123		2.58	30	
1,1-Dichloroethane	9.14		"	10.0		91.4	82-129		4.07	30	
1,1-Dichloroethylene	9.16		"	10.0		91.6	68-138		6.44	30	
1,1-Dichloropropylene	9.35		"	10.0		93.5	83-133		5.21	30	
1,2,3-Trichlorobenzene	11.3		"	10.0		113	76-136		9.62	30	
1,2,3-Trichloropropane	9.60		"	10.0		96.0	77-128		2.64	30	
1,2,4,5-Tetramethylbenzene	9.13		"	10.0		91.3	85-140		2.70	30	
1,2,4-Trichlorobenzene	10.6		"	10.0		106	76-137		4.93	30	
1,2,4-Trimethylbenzene	8.56		"	10.0		85.6	82-132		7.10	30	
1,2-Dibromo-3-chloropropane	9.91		"	10.0		99.1	45-147		2.55	30	
1,2-Dibromoethane	10.4		"	10.0		104	83-124		0.763	30	
1,2-Dichlorobenzene	9.65		"	10.0		96.5	79-123		1.64	30	
1,2-Dichloroethane	10.9		"	10.0		109	73-132		1.75	30	
1,2-Dichloropropane	9.14		"	10.0		91.4	78-126		0.654	30	
1,3,5-Trimethylbenzene	8.27		"	10.0		82.7	80-131		7.34	30	
1,3-Dichlorobenzene	9.12		"	10.0		91.2	86-122		2.81	30	
1,3-Dichloropropane	10.1		"	10.0		101	81-125		0.395	30	
1,4-Dichlorobenzene	9.15		"	10.0		91.5	85-124		3.44	30	
2,2-Dichloropropane	9.92		"	10.0		99.2	56-150		6.82	30	
2-Butanone	11.2		"	10.0		112	49-152		5.33	30	
2-Chlorotoluene	8.74		"	10.0		87.4	79-130		10.3	30	
2-Hexanone	9.53		"	10.0		95.3	51-146		2.28	30	
4-Chlorotoluene	8.38		"	10.0		83.8	79-128		8.68	30	
4-Methyl-2-pentanone	9.79		"	10.0		97.9	57-145		4.17	30	
Acetone	23.3		"	10.0		233	14-150	High Bias	9.28	30	
Benzene	9.93		"	10.0		99.3	85-126		2.78	30	
Bromobenzene	8.32		"	10.0		83.2	78-129		10.7	30	
Bromochloromethane	10.7		"	10.0		107	77-128		1.13	30	
Bromodichloromethane	9.12		"	10.0		91.2	79-128		2.06	30	
Bromoform	11.4		"	10.0		114	78-133		5.22	30	
Bromomethane	8.49		"	10.0		84.9	43-168		4.60	30	
Carbon disulfide	9.29		"	10.0		92.9	68-146		6.26	30	
Carbon tetrachloride	9.89		"	10.0		98.9	77-141		6.08	30	
Chlorobenzene	9.98		"	10.0		99.8	88-120		1.10	30	
Chloroethane	10.4		"	10.0		104	65-136		4.49	30	
Chloroform	9.95		"	10.0		99.5	82-128		2.48	30	
Chloromethane	10.6		"	10.0		106	43-155		3.84	30	
cis-1,2-Dichloroethylene	9.37		"	10.0		93.7	83-129		3.77	30	
cis-1,3-Dichloropropylene	9.15		"	10.0		91.5	80-131		0.658	30	
Dibromochloromethane	10.2		"	10.0		102	80-130		2.08	30	
Dibromomethane	10.2		"	10.0		102	72-134		3.91	30	
Dichlorodifluoromethane	13.3		"	10.0		133	44-144		2.24	30	
Ethyl Benzene	8.92		"	10.0		89.2	80-131		6.51	30	
Hexachlorobutadiene	9.23		"	10.0		92.3	67-146		4.86	30	
Isopropylbenzene	8.27		"	10.0		82.7	76-140		7.67	30	
Methyl tert-butyl ether (MTBE)	12.2		"	10.0		122	76-135		3.94	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 BK30045 - EPA 5030B											
LCS Dup (BK30045-BSD1)								Prepared & Analyzed: 11/02/2023			
Methylene chloride	8.06		ug/L	10.0		80.6	55-137		1.36	30	
Naphthalene	11.5		"	10.0		115	70-147		9.95	30	
n-Butylbenzene	8.64		"	10.0		86.4	79-132		8.74	30	
n-Propylbenzene	8.21		"	10.0		82.1	78-133		9.51	30	
o-Xylene	9.22		"	10.0		92.2	78-130		3.73	30	
p- & m- Xylenes	18.4		"	20.0		92.0	77-133		5.50	30	
p-Diethylbenzene	8.70		"	10.0		87.0	84-134		7.52	30	
p-Ethyltoluene	8.48		"	10.0		84.8	88-129	Low Bias	8.47	30	
p-Isopropyltoluene	8.70		"	10.0		87.0	81-136		6.34	30	
sec-Butylbenzene	8.51		"	10.0		85.1	79-137		8.76	30	
Styrene	9.55		"	10.0		95.5	67-132		1.97	30	
tert-Butylbenzene	8.56		"	10.0		85.6	77-138		7.10	30	
Tetrachloroethylene	4.79		"	10.0		47.9	82-131	Low Bias	2.68	30	
Toluene	8.94		"	10.0		89.4	80-127		3.41	30	
trans-1,2-Dichloroethylene	9.29		"	10.0		92.9	80-132		4.32	30	
trans-1,3-Dichloropropylene	9.65		"	10.0		96.5	78-131		2.36	30	
Trichloroethylene	8.44		"	10.0		84.4	82-128		4.85	30	
Trichlorofluoromethane	10.6		"	10.0		106	67-139		4.52	30	
Vinyl Chloride	11.2		"	10.0		112	58-145		6.25	30	
Surrogate: SURR: 1,2-Dichloroethane-d4	*10.8*		*"*	*10.0*		*108*	*69-130*				
Surrogate: SURR: Toluene-d8	*9.32*		*"*	*10.0*		*93.2*	*81-117*				
Surrogate: SURR: p-Bromofluorobenzene	*8.88*		*"*	*10.0*		*88.8*	*79-122*				

Volatile Analysis Sample Containers

Lab ID	Client Sample ID	Volatile Sample Container
23J1626-01	2010-01A	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C
23J1626-02	2010-01B	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C
23J1626-03	2010-01C	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C
23J1626-04	2010-01D	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C
23J1626-05	2010-02A	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C
23J1626-06	2010-02B	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C
23J1626-07	2010-02C	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C
23J1626-08	2010-02D	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C
23J1626-09	2020-03A-R	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C
23J1626-10	2020-03B-R	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C
23J1626-11	2020-03C-R	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C
23J1626-12	2010-03D	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C
23J1626-13	2013-04A	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C
23J1626-14	2013-04B	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C
23J1626-15	2013-04C	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C
23J1626-16	2013-04D	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C
23J1626-17	System Influent	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C
23J1626-18	DUP	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C
23J1626-19	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.
ICVE	The value reported is ESTIMATED. The value is estimated due to its behavior during initial calibration verification (recovery exceeded 30% of expected value).
CCVE	The value reported is ESTIMATED. The value is estimated due to its behavior during continuing calibration verification (>20% Difference for average Rf or >20% Drift for quadratic fit).
CAL-E	The value reported is ESTIMATED. The value is estimated due to its behavior during initial calibration (average Rf>20%)

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. 23J1626

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:	YOUR Project Number	Turn-Around Time
Company: Laurel Environmental	Company:	Company:	12-40 DS	RUSH - Next Day
Address: 53 West Hills Road Huntington Station, NY 11746	Address: Scott	Address: Kathy	YOUR Project Name: 80 Banks Avenue Rockville Centre	RUSH - Two Day
Phone.: (631) 673-0612	Phone.:	Phone.:		RUSH - Three Day
Contact: Scott Yanuk	Contact:	Contact:		RUSH - Four Day
E-mail: lab results @ laurelenv.com	E-mail:	E-mail:	YOUR PO#:	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 Kideris

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

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 - 01 A	GW	10/24/23 1320	USEPA 8260	(3) 40mL	
2010 - 01B		1314			
2010 - 01 C		1330			
2010 - 01 D		1345			
2010 - 02A		1230			
2010 - 02B		1200			
2010 - 02C		1250			
2010 - 02D		1140			
2020 - 03A - R		1112			
2020 - 03B - R		1055			

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
	10/25 1230	KBakyork	10/25/23 1230	KBakyork	10/25/23 1800
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
				AF	10/25/23 1800 2.9 Degrees C

Field Chain-of-Custody Record

YORK ANALYTICAL LABORATORIES INC

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YORK Project No. 23J1626

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: lab results @ laurelenv.com	E-mail:	E-mail:

YOUR Project Number: 12-140 DS

YOUR Project Name: 80 Banks Avenue, Rockville Centre

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 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.
2020-03C-R	GW	10/24/23 1040	VSEPA 8260	(3) 40mL	
2010-03D		1035			
203 ~~2013~~ 04A		945			
2013-04B		1015			
2013-04C		1030			
2010-04D		922			
System Influent		1415			
DUP ~~System Effluent~~ ~~[illegible]~~		700			
Trip Blank		700		(2) 40mL	

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
[signature]	10/25/23 1PM	[signature]	10/25/23 1PM	[signature]	10/25/23 1800
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
				[signature]	10/25/23 1800 / 2.9 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: 10/31/2023
Client Project ID: 80 Banks Avenue, Rockville Centre 12-190 DS
York Project (SDG) No.: 23J1622

Report Date: 10/31/2023
Client Project ID: 80 Banks Avenue, Rockville Centre 12-190 DS
York Project (SDG) No.: 23J1622

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 October 25, 2023 and listed below. The project was identified as your project: **80 Banks Avenue, Rockville Centre 12-190 DS**.

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
23J1622-01	System Effluent	Vapor Extraction	10/24/2023	10/25/2023

General Notes for York Project (SDG) No.: 23J1622

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:** 10/31/2023

Cassie L. Mosher
Laboratory Manager

Sample Information

Client Sample ID: **System Effluent** **York Sample ID:** **23J1622-01**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23J1622	80 Banks Avenue, Rockville Centre 12-190 DS	Vapor Extraction	October 24, 2023 1:50 pm	10/25/2023

Volatile Organics, EPA TO15 Full List

Log-in Notes:

Sample Notes: TO-VAC

Sample Prepared by Method: EPA TO15 PREP

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	* 1,1,1,2-Tetrachloroethane	ND		ug/m³	0.99	1.448	EPA TO-15 Certifications:	10/27/2023 12:00	10/27/2023 22:10	YR
71-55-6	1,1,1-Trichloroethane	ND		ug/m³	0.79	1.448	EPA TO-15 Certifications:	10/27/2023 12:00 NELAC-NY12058,NJDEP-NY037	10/27/2023 22:10	YR
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/m³	0.99	1.448	EPA TO-15 Certifications:	10/27/2023 12:00 NELAC-NY12058,NJDEP-NY037	10/27/2023 22:10	YR
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/m³	1.1	1.448	EPA TO-15 Certifications:	10/27/2023 12:00 NELAC-NY12058,NJDEP-NY037	10/27/2023 22:10	YR
79-00-5	1,1,2-Trichloroethane	ND		ug/m³	0.79	1.448	EPA TO-15 Certifications:	10/27/2023 12:00 NELAC-NY12058,NJDEP-NY037	10/27/2023 22:10	YR
75-34-3	1,1-Dichloroethane	ND		ug/m³	0.59	1.448	EPA TO-15 Certifications:	10/27/2023 12:00 NELAC-NY12058,NJDEP-NY037	10/27/2023 22:10	YR
75-35-4	1,1-Dichloroethylene	ND		ug/m³	0.14	1.448	EPA TO-15 Certifications:	10/27/2023 12:00 NELAC-NY12058,NJDEP-NY037	10/27/2023 22:10	YR
120-82-1	1,2,4-Trichlorobenzene	ND		ug/m³	1.1	1.448	EPA TO-15 Certifications:	10/27/2023 12:00 NELAC-NY12058,NJDEP-NY037	10/27/2023 22:10	YR
95-63-6	1,2,4-Trimethylbenzene	ND		ug/m³	0.71	1.448	EPA TO-15 Certifications:	10/27/2023 12:00 NELAC-NY12058,NJDEP-NY037	10/27/2023 22:10	YR
106-93-4	1,2-Dibromoethane	ND		ug/m³	1.1	1.448	EPA TO-15 Certifications:	10/27/2023 12:00 NELAC-NY12058,NJDEP-NY037	10/27/2023 22:10	YR
95-50-1	1,2-Dichlorobenzene	ND		ug/m³	0.87	1.448	EPA TO-15 Certifications:	10/27/2023 12:00 NELAC-NY12058,NJDEP-NY037	10/27/2023 22:10	YR
107-06-2	1,2-Dichloroethane	ND		ug/m³	0.59	1.448	EPA TO-15 Certifications:	10/27/2023 12:00 NELAC-NY12058,NJDEP-NY037	10/27/2023 22:10	YR
78-87-5	1,2-Dichloropropane	ND		ug/m³	0.67	1.448	EPA TO-15 Certifications:	10/27/2023 12:00 NELAC-NY12058,NJDEP-NY037	10/27/2023 22:10	YR
76-14-2	1,2-Dichlorotetrafluoroethane	ND		ug/m³	1.0	1.448	EPA TO-15 Certifications:	10/27/2023 12:00 NELAC-NY12058,NJDEP-NY037	10/27/2023 22:10	YR
108-67-8	1,3,5-Trimethylbenzene	ND		ug/m³	0.71	1.448	EPA TO-15 Certifications:	10/27/2023 12:00 NELAC-NY12058,NJDEP-NY037	10/27/2023 22:10	YR
106-99-0	1,3-Butadiene	ND		ug/m³	0.96	1.448	EPA TO-15 Certifications:	10/27/2023 12:00 NELAC-NY12058,NJDEP-NY037	10/27/2023 22:10	YR
541-73-1	1,3-Dichlorobenzene	ND		ug/m³	0.87	1.448	EPA TO-15 Certifications:	10/27/2023 12:00 NELAC-NY12058,NJDEP-NY037	10/27/2023 22:10	YR
142-28-9	* 1,3-Dichloropropane	ND		ug/m³	0.67	1.448	EPA TO-15 Certifications:	10/27/2023 12:00	10/27/2023 22:10	YR
106-46-7	1,4-Dichlorobenzene	ND		ug/m³	0.87	1.448	EPA TO-15 Certifications:	10/27/2023 12:00 NELAC-NY12058,NJDEP-NY037	10/27/2023 22:10	YR
123-91-1	1,4-Dioxane	ND		ug/m³	1.0	1.448	EPA TO-15 Certifications:	10/27/2023 12:00 NELAC-NY12058,NJDEP-NY037	10/27/2023 22:10	YR
78-93-3	2-Butanone	ND		ug/m³	0.43	1.448	EPA TO-15 Certifications:	10/27/2023 12:00 NELAC-NY12058,NJDEP-NY037	10/27/2023 22:10	YR
591-78-6	* 2-Hexanone	ND		ug/m³	1.2	1.448	EPA TO-15 Certifications:	10/27/2023 12:00	10/27/2023 22:10	YR

Sample Information

Client Sample ID: System Effluent

York Sample ID: 23J1622-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23J1622	80 Banks Avenue, Rockville Centre 12-190 DS	Vapor Extraction	October 24, 2023 1:50 pm	10/25/2023

Volatile Organics, EPA TO15 Full List

Log-in Notes:

Sample Notes: TO-VAC

Sample Prepared by Method: EPA TO15 PREP

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
107-05-1	3-Chloropropene	ND		ug/m³	2.3	1.448	EPA TO-15 Certifications:	10/27/2023 12:00 NELAC-NY12058,NJDEP-NY037	10/27/2023 22:10	YR
108-10-1	4-Methyl-2-pentanone	ND		ug/m³	0.59	1.448	EPA TO-15 Certifications:	10/27/2023 12:00 NELAC-NY12058,NJDEP-NY037	10/27/2023 22:10	YR
67-64-1	Acetone	ND	TO-LCS-L	ug/m³	0.69	1.448	EPA TO-15 Certifications:	10/27/2023 12:00 NELAC-NY12058,NJDEP-NY037	10/27/2023 22:10	YR
107-13-1	Acrylonitrile	ND		ug/m³	0.31	1.448	EPA TO-15 Certifications:	10/27/2023 12:00 NELAC-NY12058,NJDEP-NY037	10/27/2023 22:10	YR
71-43-2	Benzene	ND		ug/m³	0.46	1.448	EPA TO-15 Certifications:	10/27/2023 12:00 NELAC-NY12058,NJDEP-NY037	10/27/2023 22:10	YR
100-44-7	Benzyl chloride	ND		ug/m³	0.75	1.448	EPA TO-15 Certifications:	10/27/2023 12:00 NELAC-NY12058,NJDEP-NY037	10/27/2023 22:10	YR
75-27-4	Bromodichloromethane	ND		ug/m³	0.97	1.448	EPA TO-15 Certifications:	10/27/2023 12:00 NELAC-NY12058,NJDEP-NY037	10/27/2023 22:10	YR
75-25-2	Bromoform	ND	TO-CCV	ug/m³	1.5	1.448	EPA TO-15 Certifications:	10/27/2023 12:00 NELAC-NY12058,NJDEP-NY037	10/27/2023 22:10	YR
74-83-9	Bromomethane	ND		ug/m³	0.56	1.448	EPA TO-15 Certifications:	10/27/2023 12:00 NELAC-NY12058,NJDEP-NY037	10/27/2023 22:10	YR
75-15-0	Carbon disulfide	ND		ug/m³	0.45	1.448	EPA TO-15 Certifications:	10/27/2023 12:00 NELAC-NY12058,NJDEP-NY037	10/27/2023 22:10	YR
56-23-5	Carbon tetrachloride	ND		ug/m³	0.23	1.448	EPA TO-15 Certifications:	10/27/2023 12:00 NELAC-NY12058,NJDEP-NY037	10/27/2023 22:10	YR
108-90-7	Chlorobenzene	ND		ug/m³	0.67	1.448	EPA TO-15 Certifications:	10/27/2023 12:00 NELAC-NY12058,NJDEP-NY037	10/27/2023 22:10	YR
75-00-3	Chloroethane	ND		ug/m³	0.38	1.448	EPA TO-15 Certifications:	10/27/2023 12:00 NELAC-NY12058,NJDEP-NY037	10/27/2023 22:10	YR
67-66-3	Chloroform	ND		ug/m³	0.71	1.448	EPA TO-15 Certifications:	10/27/2023 12:00 NELAC-NY12058,NJDEP-NY037	10/27/2023 22:10	YR
74-87-3	Chloromethane	ND		ug/m³	0.30	1.448	EPA TO-15 Certifications:	10/27/2023 12:00 NELAC-NY12058,NJDEP-NY037	10/27/2023 22:10	YR
156-59-2	**cis-1,2-Dichloroethylene**	**16**		ug/m³	0.14	1.448	EPA TO-15 Certifications:	10/27/2023 12:00 NELAC-NY12058,NJDEP-NY037	10/27/2023 22:10	YR
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/m³	0.66	1.448	EPA TO-15 Certifications:	10/27/2023 12:00 NELAC-NY12058,NJDEP-NY037	10/27/2023 22:10	YR
110-82-7	Cyclohexane	ND		ug/m³	0.50	1.448	EPA TO-15 Certifications:	10/27/2023 12:00 NELAC-NY12058,NJDEP-NY037	10/27/2023 22:10	YR
124-48-1	Dibromochloromethane	ND		ug/m³	1.2	1.448	EPA TO-15 Certifications:	10/27/2023 12:00 NELAC-NY12058,NJDEP-NY037	10/27/2023 22:10	YR
75-71-8	Dichlorodifluoromethane	ND		ug/m³	0.72	1.448	EPA TO-15 Certifications:	10/27/2023 12:00 NELAC-NY12058,NJDEP-NY037	10/27/2023 22:10	YR
141-78-6	* Ethyl acetate	ND		ug/m³	1.0	1.448	EPA TO-15 Certifications:	10/27/2023 12:00	10/27/2023 22:10	YR
100-41-4	Ethyl Benzene	ND		ug/m³	0.63	1.448	EPA TO-15 Certifications:	10/27/2023 12:00 NELAC-NY12058,NJDEP-NY037	10/27/2023 22:10	YR
87-68-3	Hexachlorobutadiene	ND		ug/m³	1.5	1.448	EPA TO-15 Certifications:	10/27/2023 12:00 NELAC-NY12058,NJDEP-NY037	10/27/2023 22:10	YR

Sample Information

Client Sample ID: **System Effluent** **York Sample ID:** **23J1622-01**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23J1622	80 Banks Avenue, Rockville Centre 12-190 DS	Vapor Extraction	October 24, 2023 1:50 pm	10/25/2023

Volatile Organics, EPA TO15 Full List

Log-in Notes:

Sample Notes: **TO-VAC**

Sample Prepared by Method: EPA TO15 PREP

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
67-63-0	**Isopropanol**	**1.6**		ug/m³	0.71	1.448	EPA TO-15	10/27/2023 12:00	10/27/2023 22:10	YR
							Certifications:	NELAC-NY12058,NJDEP-NY037		
80-62-6	Methyl Methacrylate	ND		ug/m³	0.59	1.448	EPA TO-15	10/27/2023 12:00	10/27/2023 22:10	YR
							Certifications:	NELAC-NY12058,NJDEP-NY037		
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/m³	0.52	1.448	EPA TO-15	10/27/2023 12:00	10/27/2023 22:10	YR
							Certifications:	NELAC-NY12058,NJDEP-NY037		
75-09-2	Methylene chloride	ND		ug/m³	1.0	1.448	EPA TO-15	10/27/2023 12:00	10/27/2023 22:10	YR
							Certifications:	NELAC-NY12058,NJDEP-NY037		
142-82-5	n-Heptane	ND		ug/m³	0.59	1.448	EPA TO-15	10/27/2023 12:00	10/27/2023 22:10	YR
							Certifications:	NELAC-NY12058,NJDEP-NY037		
110-54-3	n-Hexane	ND		ug/m³	0.51	1.448	EPA TO-15	10/27/2023 12:00	10/27/2023 22:10	YR
							Certifications:	NELAC-NY12058,NJDEP-NY037		
95-47-6	o-Xylene	ND		ug/m³	0.63	1.448	EPA TO-15	10/27/2023 12:00	10/27/2023 22:10	YR
							Certifications:	NELAC-NY12058,NJDEP-NY037		
179601-23-1	p- & m- Xylenes	ND		ug/m³	1.3	1.448	EPA TO-15	10/27/2023 12:00	10/27/2023 22:10	YR
							Certifications:	NELAC-NY12058,NJDEP-NY037		
622-96-8	* p-Ethyltoluene	ND		ug/m³	0.71	1.448	EPA TO-15	10/27/2023 12:00	10/27/2023 22:10	YR
							Certifications:			
115-07-1	* Propylene	ND		ug/m³	0.25	1.448	EPA TO-15	10/27/2023 12:00	10/27/2023 22:10	YR
							Certifications:			
100-42-5	Styrene	ND		ug/m³	0.62	1.448	EPA TO-15	10/27/2023 12:00	10/27/2023 22:10	YR
							Certifications:	NELAC-NY12058,NJDEP-NY037		
127-18-4	**Tetrachloroethylene**	**160**		ug/m³	0.98	1.448	EPA TO-15	10/27/2023 12:00	10/27/2023 22:10	YR
							Certifications:	NELAC-NY12058,NJDEP-NY037		
109-99-9	* Tetrahydrofuran	ND		ug/m³	0.85	1.448	EPA TO-15	10/27/2023 12:00	10/27/2023 22:10	YR
							Certifications:			
108-88-3	Toluene	ND		ug/m³	0.55	1.448	EPA TO-15	10/27/2023 12:00	10/27/2023 22:10	YR
							Certifications:	NELAC-NY12058,NJDEP-NY037		
156-60-5	trans-1,2-Dichloroethylene	ND		ug/m³	0.57	1.448	EPA TO-15	10/27/2023 12:00	10/27/2023 22:10	YR
							Certifications:	NELAC-NY12058,NJDEP-NY037		
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/m³	0.66	1.448	EPA TO-15	10/27/2023 12:00	10/27/2023 22:10	YR
							Certifications:	NELAC-NY12058,NJDEP-NY037		
79-01-6	**Trichloroethylene**	**11**		ug/m³	0.19	1.448	EPA TO-15	10/27/2023 12:00	10/27/2023 22:10	YR
							Certifications:	NELAC-NY12058,NJDEP-NY037		
75-69-4	Trichlorofluoromethane (Freon 11)	ND		ug/m³	0.81	1.448	EPA TO-15	10/27/2023 12:00	10/27/2023 22:10	YR
							Certifications:	NELAC-NY12058,NJDEP-NY037		
108-05-4	Vinyl acetate	ND	TO-LCS -L	ug/m³	0.51	1.448	EPA TO-15	10/27/2023 12:00	10/27/2023 22:10	YR
							Certifications:	NELAC-NY12058,NJDEP-NY037		
593-60-2	Vinyl bromide	ND		ug/m³	0.63	1.448	EPA TO-15	10/27/2023 12:00	10/27/2023 22:10	YR
							Certifications:	NELAC-NY12058,NJDEP-NY037		
75-01-4	Vinyl Chloride	ND	TO-LCS -L	ug/m³	0.19	1.448	EPA TO-15	10/27/2023 12:00	10/27/2023 22:10	YR
							Certifications:	NELAC-NY12058,NJDEP-NY037		

Analytical Batch Summary

Batch ID: BJ32119 **Preparation Method:** EPA TO15 PREP **Prepared By:** YR

YORK Sample ID	Client Sample ID	Preparation Date
23J1622-01	System Effluent	10/27/23
BJ32119-BLK1	Blank	10/27/23
BJ32119-BS1	LCS	10/27/23
BJ32119-DUP1	Duplicate	10/27/23

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 BJ32119 - EPA TO15 PREP											
Blank (BJ32119-BLK1)									Prepared & Analyzed: 10/27/2023		
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 BJ32119 - EPA TO15 PREP											
Blank (BJ32119-BLK1)								Prepared & Analyzed: 10/27/2023			
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 (BJ32119-BS1)								Prepared & Analyzed: 10/27/2023			
1,1,1,2-Tetrachloroethane	7.90		ppbv	10.0		79.0	70-130				
1,1,1-Trichloroethane	7.40		"	10.0		74.0	70-130				
1,1,2,2-Tetrachloroethane	8.53		"	10.0		85.3	70-130				
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	7.86		"	10.0		78.6	70-130				
1,1,2-Trichloroethane	8.05		"	10.0		80.5	70-130				
1,1-Dichloroethane	7.65		"	10.0		76.5	70-130				
1,1-Dichloroethylene	7.84		"	10.0		78.4	70-130				
1,2,4-Trichlorobenzene	8.16		"	10.0		81.6	70-130				
1,2,4-Trimethylbenzene	8.09		"	10.0		80.9	70-130				
1,2-Dibromoethane	8.08		"	10.0		80.8	70-130				
1,2-Dichlorobenzene	8.18		"	10.0		81.8	70-130				
1,2-Dichloroethane	7.26		"	10.0		72.6	70-130				
1,2-Dichloropropane	8.06		"	10.0		80.6	70-130				
1,2-Dichlorotetrafluoroethane	7.79		"	10.0		77.9	70-130				
1,3,5-Trimethylbenzene	7.85		"	10.0		78.5	70-130				
1,3-Butadiene	7.35		"	10.0		73.5	70-130				
1,3-Dichlorobenzene	8.41		"	10.0		84.1	70-130				
1,3-Dichloropropane	7.79		"	10.0		77.9	70-130				
1,4-Dichlorobenzene	8.32		"	10.0		83.2	70-130				
1,4-Dioxane	7.59		"	10.0		75.9	70-130				
2-Butanone	7.67		"	10.0		76.7	70-130				
2-Hexanone	7.59		"	10.0		75.9	70-130				
3-Chloropropene	8.12		"	10.0		81.2	70-130				
4-Methyl-2-pentanone	7.68		"	10.0		76.8	70-130				
Acetone	6.60		"	10.0		66.0	70-130	Low Bias			
Acrylonitrile	7.17		"	10.0		71.7	70-130				
Benzene	7.72		"	10.0		77.2	70-130				
Benzyl chloride	9.21		"	10.0		92.1	70-130				
Bromodichloromethane	7.65		"	10.0		76.5	70-130				
Bromoform	7.28		"	10.0		72.8	70-130				
Bromomethane	7.49		"	10.0		74.9	70-130				
Carbon disulfide	8.11		"	10.0		81.1	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 BJ32119 - EPA TO15 PREP											
LCS (BJ32119-BS1)								Prepared & Analyzed: 10/27/2023			
Carbon tetrachloride	8.54		ppbv	10.0		85.4	70-130				
Chlorobenzene	8.06		"	10.0		80.6	70-130				
Chloroethane	7.95		"	10.0		79.5	70-130				
Chloroform	7.66		"	10.0		76.6	70-130				
Chloromethane	7.36		"	10.0		73.6	70-130				
cis-1,2-Dichloroethylene	7.22		"	10.0		72.2	70-130				
cis-1,3-Dichloropropylene	7.98		"	10.0		79.8	70-130				
Cyclohexane	7.95		"	10.0		79.5	70-130				
Dibromochloromethane	7.04		"	10.0		70.4	70-130				
Dichlorodifluoromethane	7.81		"	10.0		78.1	70-130				
Ethyl acetate	7.71		"	10.0		77.1	70-130				
Ethyl Benzene	8.21		"	10.0		82.1	70-130				
Hexachlorobutadiene	7.02		"	10.0		70.2	70-130				
Isopropanol	7.84		"	10.0		78.4	70-130				
Methyl Methacrylate	8.23		"	10.0		82.3	70-130				
Methyl tert-butyl ether (MTBE)	7.59		"	10.0		75.9	70-130				
Methylene chloride	7.52		"	10.0		75.2	70-130				
n-Heptane	8.08		"	10.0		80.8	70-130				
n-Hexane	7.86		"	10.0		78.6	70-130				
o-Xylene	7.85		"	10.0		78.5	70-130				
p- & m- Xylenes	15.8		"	20.0		79.0	70-130				
p-Ethyltoluene	8.42		"	10.0		84.2	70-130				
Propylene	8.65		"	10.0		86.5	70-130				
Styrene	8.57		"	10.0		85.7	70-130				
Tetrachloroethylene	7.87		"	10.0		78.7	70-130				
Tetrahydrofuran	7.95		"	10.0		79.5	70-130				
Toluene	7.74		"	10.0		77.4	70-130				
trans-1,2-Dichloroethylene	7.81		"	10.0		78.1	70-130				
trans-1,3-Dichloropropylene	7.78		"	10.0		77.8	70-130				
Trichloroethylene	7.57		"	10.0		75.7	70-130				
Trichlorofluoromethane (Freon 11)	7.53		"	10.0		75.3	70-130				
Vinyl acetate	6.52		"	10.0		65.2	70-130	Low Bias			
Vinyl bromide	8.00		"	10.0		80.0	70-130				
Vinyl Chloride	6.50		"	10.0		65.0	70-130	Low Bias			

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 BJ32119 - EPA TO15 PREP											
Duplicate (BJ32119-DUP1)	*Source sample: 23J1362-03 (Duplicate)								Prepared & Analyzed: 10/27/2023		
1,1,1,2-Tetrachloroethane	ND	0.69	ug/m³		ND					25	
1,1,1-Trichloroethane	ND	0.55	"		ND					25	
1,1,2,2-Tetrachloroethane	ND	0.69	"		ND					25	
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	0.77	"		ND					25	
1,1,2-Trichloroethane	ND	0.55	"		ND					25	
1,1-Dichloroethane	ND	0.41	"		ND					25	
1,1-Dichloroethylene	ND	0.099	"		ND					25	
1,2,4-Trichlorobenzene	ND	0.74	"		ND					25	
1,2,4-Trimethylbenzene	1.1	0.49	"		1.4				19.6	25	
1,2-Dibromoethane	ND	0.77	"		ND					25	
1,2-Dichlorobenzene	ND	0.60	"		ND					25	
1,2-Dichloroethane	ND	0.41	"		ND					25	
1,2-Dichloropropane	ND	0.46	"		ND					25	
1,2-Dichlorotetrafluoroethane	ND	0.70	"		ND					25	
1,3,5-Trimethylbenzene	ND	0.49	"		ND					25	
1,3-Butadiene	ND	0.67	"		ND					25	
1,3-Dichlorobenzene	ND	0.60	"		ND					25	
1,3-Dichloropropane	ND	0.46	"		ND					25	
1,4-Dichlorobenzene	ND	0.60	"		ND					25	
1,4-Dioxane	ND	0.72	"		ND					25	
2-Butanone	1.5	0.30	"		1.7				12.6	25	
2-Hexanone	ND	0.82	"		ND					25	
3-Chloropropene	ND	1.6	"		ND					25	
4-Methyl-2-pentanone	0.94	0.41	"		1.1				16.0	25	
Acetone	19	0.48	"		21				7.77	25	
Acrylonitrile	ND	0.22	"		ND					25	
Benzene	1.0	0.32	"		1.2				11.8	25	
Benzyl chloride	ND	0.52	"		ND					25	
Bromodichloromethane	0.87	0.67	"		0.94				7.41	25	
Bromoform	ND	1.0	"		ND					25	
Bromomethane	ND	0.39	"		ND					25	
Carbon disulfide	ND	0.31	"		ND					25	
Carbon tetrachloride	0.38	0.16	"		0.44				15.4	25	
Chlorobenzene	ND	0.46	"		ND					25	
Chloroethane	ND	0.26	"		ND					25	
Chloroform	18	0.49	"		19				10.1	25	
Chloromethane	0.87	0.21	"		1.1				23.2	25	
cis-1,2-Dichloroethylene	ND	0.099	"		ND					25	
cis-1,3-Dichloropropylene	ND	0.45	"		ND					25	
Cyclohexane	0.62	0.34	"		0.69				10.5	25	
Dibromochloromethane	ND	0.85	"		ND					25	
Dichlorodifluoromethane	2.1	0.50	"		2.3				8.89	25	
Ethyl acetate	1.0	0.72	"		1.3				18.7	25	
Ethyl Benzene	0.83	0.44	"		0.96				14.6	25	
Hexachlorobutadiene	ND	1.1	"		ND					25	
Isopropanol	69	0.49	"		76				10.0	25	
Methyl Methacrylate	5.7	0.41	"		6.3				10.2	25	
Methyl tert-butyl ether (MTBE)	ND	0.36	"		ND					25	
Methylene chloride	1.5	0.70	"		1.6				8.89	25	
n-Heptane	0.94	0.41	"		ND					25	

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 BJ32119 - EPA TO15 PREP											
Duplicate (BJ32119-DUP1)	*Source sample: 23J1362-03 (Duplicate)								Prepared & Analyzed: 10/27/2023		
n-Hexane	1.5	0.35	ug/m³		1.7				11.2	25	
o-Xylene	1.0	0.44	"		1.1				8.00	25	
p- & m- Xylenes	2.7	0.87	"		3.0				12.1	25	
p-Ethyltoluene	1.1	0.49	"		1.3				16.7	25	
Propylene	ND	0.17	"		ND					25	
Styrene	2.0	0.43	"		2.3				13.6	25	
Tetrachloroethylene	1.1	0.68	"		1.2				11.8	25	
Tetrahydrofuran	0.65	0.59	"		0.74				12.8	25	
Toluene	4.5	0.38	"		5.1				11.0	25	
trans-1,2-Dichloroethylene	ND	0.40	"		ND					25	
trans-1,3-Dichloropropylene	ND	0.45	"		ND					25	
Trichloroethylene	1.8	0.13	"		2.1				13.7	25	
Trichlorofluoromethane (Freon 11)	1.1	0.56	"		1.2				9.52	25	
Vinyl acetate	ND	0.35	"		ND					25	
Vinyl bromide	ND	0.44	"		ND					25	
Vinyl Chloride	ND	0.13	"		ND					25	

Sample and Data Qualifiers Relating to This Work Order

TO-VAC	The final vacuum in the canister was less than -2 inches Hg vacuum. The time integrated sampling may be affected and not reflect proper sampling over the time period. The data user should take note.
TO-LCS-L	The result reported for this compound may be biased low due to its behavior in the analysis batch LCS where it recovered less 70% of the expected value.
TO-CCV	The value reported is ESTIMATED for this compound due to its behavior during continuing calibration verification (>30% Difference from initial calibration).

Definitions and Other Explanations

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

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

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

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

Certification for pH is no longer offered by NYDOH ELAP.

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

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

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

Field Chain-of-Custody Record - AIR

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

YORK Project No. 23J1622

YOUR Information	Report To:	Invoice To:	YOUR Project Number	Turn-Around Time
Company: Laurel Environmental	Company:	Company:	12-140 DS	RUSH - Next Day
Address: 53 West Hills Road Huntington Station, NY 11746	Address: Scott	Address: Kathy	YOUR Project Name: 80 Banks Avenue, Rockville Centre	RUSH - Two Day
Phone.: (631) 673-0612	Phone.:	Phone.:		RUSH - Three Day
Contact: Scott Yanuck	Contact:	Contact:		RUSH - Four Day
E-mail: lab.results@laurelenv.com	E-mail:	E-mail:	YOUR PO#:	Standard (5-7 Day) X

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

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

Nicholas Kidera

Nick Kid

Air Matrix Codes

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

Samples From

New York X
New Jersey
Connecticut
Pennsylvania
Other

Report / EDD Type (circle selections)

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

YORK Reg. Comp.

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

Certified Canisters: Batch ___ Individual ___

Please enter the following REQUIRED Field Data

Reporting Units: ug/m^3 ___ 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	10/24/23 1350	AE	-30	-5	25496	-	TO-15

Comments:

Detection Limits Required

≤ 1 ug/m^3 ___ NYSDEC V1 Limits ___
Routine Survey ___ Other ___

Sampling Media

6 Liter Canister X
Tedlar Bag

Samples Relinquished by / Company	Date/Time	Samples Received by / Company	Date/Time	Samples Relinquished by / Company	Date/Time
	10/25/23 1pm		10/25/23 1PM		10/25/23 1900
Samples Received by / Company	Date/Time	Samples Relinquished by / Company	Date/Time	Samples Received by / Company	Date/Time
	10/25/23 1900		10/25/23	Ramon York	10/25 1940
Samples Relinquished by / Company	Date/Time	Samples Received by / Company	Date/Time	Samples Received in LAB by	Date/Time
Ramon York	10/25	Lab Scanned			10/25/23 1023

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: 09/07/2023
Client Project ID: 80 Banks Ave Rockville Centre, NY 12-190 DS
York Project (SDG) No.: 23H1780

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: 09/07/2023
Client Project ID: 80 Banks Ave Rockville Centre, NY 12-190 DS
York Project (SDG) No.: 23H1780

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 August 24, 2023 and listed below. The project was identified as your project: **80 Banks Ave Rockville Centre, NY 12-190 DS**.

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
23H1780-01	System Effluent	Water	08/23/2023	08/24/2023

General Notes for York Project (SDG) No.: 23H1780

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:** 09/07/2023

Cassie L. Mosher
Laboratory Manager

Sample Information

Client Sample ID: System Effluent

York Sample ID: 23H1780-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23H1780	80 Banks Ave Rockville Centre, NY 12-190 DS	Water	August 23, 2023 10:50 am	08/24/2023

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:	08/28/2023 09:00	08/28/2023 12:38	SMA
1634-04-4	* Methyl tert-butyl ether (MTBE)	ND		ug/L	0.53	5.0	1	EPA 624.1 Certifications:	08/28/2023 09:00	08/28/2023 12:38	SMA
127-18-4	Tetrachloroethylene	ND	QL-02	ug/L	3.3	5.0	1	EPA 624.1 Certifications:	08/28/2023 09:00 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	08/28/2023 12:38	SMA
108-88-3	Toluene	ND		ug/L	0.81	5.0	1	EPA 624.1 Certifications:	08/28/2023 09:00 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	08/28/2023 12:38	SMA
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	3.5	5.0	1	EPA 624.1 Certifications:	08/28/2023 09:00 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	08/28/2023 12:38	SMA
79-01-6	Trichloroethylene	ND		ug/L	1.2	5.0	1	EPA 624.1 Certifications:	08/28/2023 09:00 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	08/28/2023 12:38	SMA
75-01-4	Vinyl Chloride	ND		ug/L	1.3	5.0	1	EPA 624.1 Certifications:	08/28/2023 09:00 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	08/28/2023 12:38	SMA

	Surrogate Recoveries	Result		Acceptance Range
17060-07-0	*Surrogate: SURR: 1,2-Dichloroethane-d4*	*100 %*		*78-126*
2037-26-5	*Surrogate: SURR: Toluene-d8*	*93.9 %*		*84-117*
460-00-4	*Surrogate: SURR: p-Bromofluorobenzene*	*100 %*		*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:	08/28/2023 08:01 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	08/28/2023 22:11	KH
99-09-2	3-Nitroaniline	ND		ug/L	1.68	5.00	1	EPA 8270D Certifications:	08/28/2023 08:01 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	08/28/2023 22:11	KH

	Surrogate Recoveries	Result		Acceptance Range
4165-60-0	*Surrogate: SURR: Nitrobenzene-d5*	*51.3 %*	QL-02	*50.2-113*
321-60-8	*Surrogate: SURR: 2-Fluorobiphenyl*	*52.3 %*		*39.9-105*
1718-51-0	*Surrogate: SURR: Terphenyl-d14*	*64.4 %*		*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:	08/31/2023 08:52 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	09/06/2023 17:07	CEG

Barium by EPA 200.7

Log-in Notes:

Sample Notes:

Sample Information

Client Sample ID: **System Effluent** **York Sample ID:** **23H1780-01**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23H1780	80 Banks Ave Rockville Centre, NY 12-190 DS	Water	August 23, 2023 10:50 am	08/24/2023

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**	**72.9**		ug/L	27.8	1	EPA 200.7	08/31/2023 08:52	09/06/2023 17:07	CEG
							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**	**0.695**	B	ug/L	0.556	1	EPA 200.7	08/31/2023 08:52	09/06/2023 17:07	CEG
							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	08/31/2023 08:52	09/06/2023 17:07	CEG
							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**	**73.8**		ug/L	5.56	1	EPA 200.7	08/31/2023 08:52	09/06/2023 17:07	CEG
							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	08/31/2023 08:52	09/06/2023 17:07	CEG
							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**	**79.5**		ug/L	22.2	1	EPA 200.7	08/31/2023 08:52	09/06/2023 17:07	CEG
							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**	**8580**		ug/L	278	1	EPA 200.7	08/31/2023 08:52	09/06/2023 17:07	CEG
							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:** **23H1780-01**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23H1780	80 Banks Ave Rockville Centre, NY 12-190 DS	Water	August 23, 2023 10:50 am	08/24/2023

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	08/31/2023 08:52	09/06/2023 17:07	CEG
							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**	**171**		ug/L	55.6	1	EPA 200.7	08/31/2023 08:52	09/06/2023 17:07	CEG
							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**	**26.6**		ug/L	5.56	1	EPA 200.7	08/31/2023 08:52	09/06/2023 17:07	CEG
							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	08/31/2023 08:52	09/06/2023 17:07	CEG
							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**	**20.1**		ug/L	11.1	1	EPA 200.7	08/31/2023 08:52	09/06/2023 17:07	CEG
							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**	**1140**		ug/L	27.8	1	EPA 200.7	08/31/2023 08:52	09/06/2023 17:07	CEG
							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	08/29/2023 08:23	08/29/2023 08:23	PA
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		

Sample Information

Client Sample ID: System Effluent

York Sample ID: 23H1780-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23H1780	80 Banks Ave Rockville Centre, NY 12-190 DS	Water	August 23, 2023 10:50 am	08/24/2023

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	5.11	HT-pH	pH units	0.500	1	SM 4500 HB	08/29/2023 07:56	08/29/2023 16:40	PMB
							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	7000		ug/L	5000	1	EPA 160.2	08/29/2023 07:28	08/29/2023 15:06	sgs
							Certifications:			

Analytical Batch Summary

Batch ID: BH31881 **Preparation Method:** EPA 3510C **Prepared By:** JM

YORK Sample ID	Client Sample ID	Preparation Date
23H1780-01	System Effluent	08/28/23
BH31881-BLK1	Blank	08/28/23
BH31881-BS1	LCS	08/28/23
BH31881-BSD1	LCS Dup	08/28/23

Batch ID: BH31900 **Preparation Method:** EPA 5030B **Prepared By:** SMA

YORK Sample ID	Client Sample ID	Preparation Date
23H1780-01	System Effluent	08/28/23
BH31900-BLK1	Blank	08/28/23
BH31900-BS1	LCS	08/28/23
BH31900-BSD1	LCS Dup	08/28/23

Batch ID: BH31956 **Preparation Method:** % Solids Prep **Prepared By:** sgs

YORK Sample ID	Client Sample ID	Preparation Date
23H1780-01	System Effluent	08/29/23
BH31956-BLK1	Blank	08/29/23
BH31956-DUP1	Duplicate	08/29/23
BH31956-DUP2	Duplicate	08/29/23

Batch ID: BH31969 **Preparation Method:** Analysis Preparation **Prepared By:** PMB

YORK Sample ID	Client Sample ID	Preparation Date
23H1780-01	System Effluent	08/29/23
BH31969-DUP1	Duplicate	08/29/23

Batch ID: BH31978 **Preparation Method:** EPA 245.1 Mercury **Prepared By:** PFA

YORK Sample ID	Client Sample ID	Preparation Date
23H1780-01	System Effluent	08/29/23
BH31978-BLK1	Blank	08/29/23
BH31978-BLK2	Blank	08/29/23
BH31978-BS1	LCS	08/29/23
BH31978-BS2	LCS	08/29/23

Batch ID: BH32168 **Preparation Method:** EPA 200.7 **Prepared By:** AD2

YORK Sample ID	Client Sample ID	Preparation Date
23H1780-01	System Effluent	08/31/23
BH32168-BLK1	Blank	08/31/23
BH32168-BS1	LCS	08/31/23

BH32168-DUP1	Duplicate	08/31/23
BH32168-MS1	Matrix Spike	08/31/23
BH32168-MS2	Matrix Spike	08/31/23
BH32168-PS1	Post Spike	08/31/23

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 BH31900 - EPA 5030B											
Blank (BH31900-BLK1)								Prepared & Analyzed: 08/28/2023			
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	*10.1*		*"*	*10.0*		*101*	*78-126*				
Surrogate: SURR: Toluene-d8	*9.42*		*"*	*10.0*		*94.2*	*84-117*				
Surrogate: SURR: p-Bromofluorobenzene	*9.87*		*"*	*10.0*		*98.7*	*71-130*				
LCS (BH31900-BS1)								Prepared & Analyzed: 08/28/2023			
Acetone	48		ug/L	20.0		241	30-112	High Bias			
Methyl tert-butyl ether (MTBE)	26		"	20.0		131	59-135				
Tetrachloroethylene	12		"	20.0		62.4	77-133	Low Bias			
Toluene	23		"	20.0		115	83-122				
trans-1,2-Dichloroethylene	26		"	20.0		132	59-145				
Trichloroethylene	22		"	20.0		108	80-125				
Vinyl Chloride	26		"	20.0		130	41-136				
Surrogate: SURR: 1,2-Dichloroethane-d4	*9.80*		*"*	*10.0*		*98.0*	*78-126*				
Surrogate: SURR: Toluene-d8	*9.39*		*"*	*10.0*		*93.9*	*84-117*				
Surrogate: SURR: p-Bromofluorobenzene	*9.70*		*"*	*10.0*		*97.0*	*71-130*				
LCS Dup (BH31900-BSD1)								Prepared & Analyzed: 08/28/2023			
Acetone	48		ug/L	20.0		242	30-112	High Bias	0.311	30	
Methyl tert-butyl ether (MTBE)	26		"	20.0		132	59-135		0.610	30	
Tetrachloroethylene	12		"	20.0		60.8	77-133	Low Bias	2.52	30	
Toluene	23		"	20.0		113	83-122		1.97	30	
trans-1,2-Dichloroethylene	25		"	20.0		127	59-145		3.78	30	
Trichloroethylene	21		"	20.0		104	80-125		3.12	30	
Vinyl Chloride	25		"	20.0		124	41-136		4.65	30	
Surrogate: SURR: 1,2-Dichloroethane-d4	*9.85*		*"*	*10.0*		*98.5*	*78-126*				
Surrogate: SURR: Toluene-d8	*9.40*		*"*	*10.0*		*94.0*	*84-117*				
Surrogate: SURR: p-Bromofluorobenzene	*9.77*		*"*	*10.0*		*97.7*	*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 BH31881 - EPA 3510C											
Blank (BH31881-BLK1)								Prepared & Analyzed: 08/28/2023			
1,2,4-Trichlorobenzene	ND	5.00	ug/L								
3-Nitroaniline	ND	5.00	"								
Surrogate: SURR: Nitrobenzene-d5	*12.8*		*"*	*25.0*		*51.0*	*50.2-113*				
Surrogate: SURR: 2-Fluorobiphenyl	*13.3*		*"*	*25.0*		*53.3*	*39.9-105*				
Surrogate: SURR: Terphenyl-d14	*16.4*		*"*	*25.0*		*65.7*	*30.7-106*				
LCS (BH31881-BS1)								Prepared & Analyzed: 08/28/2023			
1,2,4-Trichlorobenzene	8.39	5.00	ug/L	25.0		33.6	35-91	Low Bias			
3-Nitroaniline	8.74	5.00	"	25.0		35.0	29-128				
Surrogate: SURR: Nitrobenzene-d5	*11.3*		*"*	*25.0*		*45.2*	*50.2-113*				
Surrogate: SURR: 2-Fluorobiphenyl	*11.2*		*"*	*25.0*		*44.7*	*39.9-105*				
Surrogate: SURR: Terphenyl-d14	*14.8*		*"*	*25.0*		*59.0*	*30.7-106*				
LCS Dup (BH31881-BSD1)								Prepared & Analyzed: 08/28/2023			
1,2,4-Trichlorobenzene	9.77	5.00	ug/L	25.0		39.1	35-91		15.2	20	
3-Nitroaniline	11.0	5.00	"	25.0		43.9	29-128		22.6	20	Non-dir.
Surrogate: SURR: Nitrobenzene-d5	*13.8*		*"*	*25.0*		*55.4*	*50.2-113*				
Surrogate: SURR: 2-Fluorobiphenyl	*13.4*		*"*	*25.0*		*53.6*	*39.9-105*				
Surrogate: SURR: Terphenyl-d14	*16.9*		*"*	*25.0*		*67.8*	*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 BH32168 - EPA 200.7											
Blank (BH32168-BLK1)											Prepared: 08/31/2023 Analyzed: 09/01/2023
Arsenic	ND	16.7	ug/L								
Barium	ND	27.8	"								
Beryllium	0.562	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 (BH32168-BS1)											Prepared: 08/31/2023 Analyzed: 09/01/2023
Arsenic	2.03		ug/mL	2.00		102	85-115				
Barium	2.25		"	2.00		112	85-115				
Beryllium	0.0546		"	0.0500		109	85-115				
Cadmium	0.0537		"	0.0500		107	85-115				
Chromium	0.212		"	0.200		106	85-115				
Cobalt	0.558		"	0.500		112	85-115				
Copper	0.277		"	0.250		111	85-115				
Iron	1.13		"	1.00		113	85-115				
Lead	0.528		"	0.500		106	85-115				
Magnesium	1.09		"	1.00		109	85-115				
Manganese	0.559		"	0.500		112	85-115				
Nickel	0.539		"	0.500		108	85-115				
Vanadium	0.541		"	0.500		108	85-115				
Zinc	0.572		"	0.500		114	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 BH32168 - EPA 200.7											
Duplicate (BH32168-DUP1)	*Source sample: 23H2207-03 (Duplicate)								Prepared: 08/31/2023 Analyzed: 09/01/2023		
Arsenic	ND	16.7	ug/L		ND					20	
Barium	42.8	27.8	"		42.7				0.212	20	
Beryllium	1.14	0.556	"		1.25				8.44	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	5690	55.6	"		5650				0.728	20	
Manganese	14.3	5.56	"		14.5				1.33	20	
Nickel	ND	11.1	"		ND					20	
Vanadium	ND	11.1	"		ND					20	
Zinc	50.7	27.8	"		39.1				25.7	20	Non-dir.
Matrix Spike (BH32168-MS1)	*Source sample: 23H2207-03 (Matrix Spike)								Prepared: 08/31/2023 Analyzed: 09/01/2023		
Arsenic	2290	16.7	ug/L	2220	ND	103	75-125				
Barium	2410	27.8	"	2220	42.7	106	75-125				
Beryllium	59.7	0.556	"	55.6	1.25	105	75-125				
Cadmium	57.0	3.33	"	55.6	ND	103	75-125				
Chromium	227	5.56	"	222	ND	102	75-125				
Cobalt	592	4.44	"	556	ND	107	75-125				
Copper	292	22.2	"	278	ND	105	75-125				
Iron	1270	278	"	1110	ND	114	75-125				
Lead	550	5.56	"	556	ND	99.1	75-125				
Magnesium	6850	55.6	"	1110	5650	108	75-125				
Manganese	602	5.56	"	556	14.5	106	75-125				
Nickel	586	11.1	"	556	ND	105	75-125				
Vanadium	578	11.1	"	556	ND	104	75-125				
Zinc	625	27.8	"	556	39.1	105	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 BH32168 - EPA 200.7											
Matrix Spike (BH32168-MS2)	*Source sample: 23H1780-01 (System Effluent)								Prepared: 08/31/2023 Analyzed: 09/06/2023		
Arsenic	2090	16.7	ug/L	2220	ND	94.1	75-125				
Barium	2340	27.8	"	2220	72.9	102	75-125				
Beryllium	57.3	0.556	"	55.6	0.695	102	75-125				
Cadmium	55.3	3.33	"	55.6	ND	99.6	75-125				
Chromium	286	5.56	"	222	73.8	95.5	75-125				
Cobalt	571	4.44	"	556	ND	103	75-125				
Copper	376	22.2	"	278	79.5	107	75-125				
Iron	9460	278	"	1110	8580	79.3	75-125				
Lead	542	5.56	"	556	ND	97.5	75-125				
Magnesium	1270	55.6	"	1110	171	99.0	75-125				
Manganese	593	5.56	"	556	26.6	102	75-125				
Nickel	579	11.1	"	556	ND	104	75-125				
Vanadium	583	11.1	"	556	20.1	101	75-125				
Zinc	1670	27.8	"	556	1140	95.4	75-125				
Post Spike (BH32168-PS1)	*Source sample: 23H2207-03 (Post Spike)								Prepared: 08/31/2023 Analyzed: 09/01/2023		
Arsenic	2.18		ug/mL	2.00	-0.0589	109	75-125				
Barium	2.34		"	2.00	0.0384	115	75-125				
Beryllium	0.0583		"	0.0500	0.00112	114	75-125				
Cadmium	0.0564		"	0.0500	0.000139	113	75-125				
Chromium	0.219		"	0.200	0.00239	108	75-125				
Cobalt	0.568		"	0.500	0.000633	114	75-125				
Copper	0.285		"	0.250	-0.0132	114	75-125				
Iron	1.23		"	1.00	0.0928	113	75-125				
Lead	0.545		"	0.500	-0.00444	109	75-125				
Magnesium	6.21		"	1.00	5.08	113	75-125				
Manganese	0.584		"	0.500	0.0131	114	75-125				
Nickel	0.560		"	0.500	-0.00213	112	75-125				
Vanadium	0.563		"	0.500	-0.000127	113	75-125				
Zinc	0.590		"	0.500	0.0352	111	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 BH31978 - EPA 245.1 Mercury											
Blank (BH31978-BLK1)								Prepared & Analyzed: 08/29/2023			
Mercury	ND	0.2000	ug/L								
Blank (BH31978-BLK2)								Prepared & Analyzed: 08/29/2023			
Mercury	ND	0.2000	ug/L								
LCS (BH31978-BS1)								Prepared & Analyzed: 08/29/2023			
Mercury	1.967	0.2000	ug/L	2.00		98.4	75-125				
LCS (BH31978-BS2)								Prepared & Analyzed: 08/29/2023			
Mercury	1.852	0.2000	ug/L	2.00		92.6	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 BH31969 - Analysis Preparation											
Duplicate (BH31969-DUP1)	*Source sample: 23H1780-01 (System Effluent)								Prepared & Analyzed: 08/29/2023		
pH	5.08	0.500	pH units		5.11				0.589	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 BH31956 - % Solids Prep											
Blank (BH31956-BLK1)								Prepared & Analyzed: 08/29/2023			
Total Suspended Solids	ND	1000	ug/L								
Duplicate (BH31956-DUP1)	*Source sample: 23H1773-01 (Duplicate)							Prepared & Analyzed: 08/29/2023			
Total Suspended Solids	22000	10000	ug/L		22000				0.00	15	
Duplicate (BH31956-DUP2)	*Source sample: 23H1971-01 (Duplicate)							Prepared & Analyzed: 08/29/2023			
Total Suspended Solids	9750	2500	ug/L		8250				16.7	15	Non-dir.

Volatile Analysis Sample Containers

Lab ID	Client Sample ID	Volatile Sample Container
23H1780-01	System Effluent	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C

Sample and Data Qualifiers Relating to This Work Order

QM-04	Visual evaluation of the sample indicates the RPD is above the control limit due to a non-homogeneous sample matrix.
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.
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. 23H1780

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: labresults@laurelenv.com	Contact:	Contact:
E-mail: Scott Yanoch	E-mail:	E-mail:

YOUR Project Number: 12-190 - DS

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
- 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.

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
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	GW	8/23/23 10:50	NYSDEC SPPES + TSS	(2) 1L, (2) 250mL, (3) VOA	

Comments:

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

Preservation: (check all that apply)

HCl X MeOH ___ HNO3 X 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
Elijah Berger / Laurel	8/24/23 1030 AM	KBahyork	8/24/23 10:30AM	KBahyork 8/24/23	16:00
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
				[signature] 2	8/24/23 16:00 / 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: 10/04/2023
Client Project ID: 80 Banks Avenue Rockville Centre 12-190 DS
York Project (SDG) No.: 23I1710

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: 10/04/2023
Client Project ID: 80 Banks Avenue Rockville Centre 12-190 DS
York Project (SDG) No.: 23I1710

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 September 27, 2023 and listed below. The project was identified as your project: **80 Banks Avenue Rockville Centre 12-190 DS**.

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
23I1710-01	System Effluent	Waste Water	09/26/2023	09/27/2023

General Notes for York Project (SDG) No.: 23I1710

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:** 10/04/2023

Cassie L. Mosher
Laboratory Manager

Sample Information

Client Sample ID: System Effluent

York Sample ID: 23I1710-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23I1710	80 Banks Avenue Rockville Centre 12-190 DS	Waste Water	September 26, 2023 12:30 pm	09/27/2023

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:	09/29/2023 09:00	09/29/2023 12:43	SMA
1634-04-4	* Methyl tert-butyl ether (MTBE)	ND		ug/L	0.53	5.0	1	EPA 624.1 Certifications:	09/29/2023 09:00	09/29/2023 12:43	SMA
127-18-4	Tetrachloroethylene	ND	QL-02	ug/L	3.3	5.0	1	EPA 624.1 Certifications:	09/29/2023 09:00	09/29/2023 12:43	SMA CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
108-88-3	Toluene	ND		ug/L	0.81	5.0	1	EPA 624.1 Certifications:	09/29/2023 09:00	09/29/2023 12:43	SMA CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	3.5	5.0	1	EPA 624.1 Certifications:	09/29/2023 09:00	09/29/2023 12:43	SMA CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
79-01-6	Trichloroethylene	ND		ug/L	1.2	5.0	1	EPA 624.1 Certifications:	09/29/2023 09:00	09/29/2023 12:43	SMA CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
75-01-4	Vinyl Chloride	ND		ug/L	1.3	5.0	1	EPA 624.1 Certifications:	09/29/2023 09:00	09/29/2023 12:43	SMA CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: SURR: 1,2-Dichloroethane-d4*	*100 %*	*78-126*
2037-26-5	*Surrogate: SURR: Toluene-d8*	*97.2 %*	*84-117*
460-00-4	*Surrogate: SURR: p-Bromofluorobenzene*	*99.8 %*	*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	2.47	5.00	1	EPA 8270D Certifications:	09/30/2023 10:06	10/03/2023 03:59	KH CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
99-09-2	3-Nitroaniline	ND		ug/L	1.68	5.00	1	EPA 8270D Certifications:	09/30/2023 10:06	10/03/2023 03:59	KH CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044

	Surrogate Recoveries	Result	Acceptance Range
4165-60-0	*Surrogate: SURR: Nitrobenzene-d5*	*90.2 %*	*50.2-113*
321-60-8	*Surrogate: SURR: 2-Fluorobiphenyl*	*65.6 %*	*39.9-105*
1718-51-0	*Surrogate: SURR: Terphenyl-d14*	*63.4 %*	*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:	10/01/2023 09:57	10/03/2023 18:09	CEG CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044

Barium by EPA 200.7

Log-in Notes:

Sample Notes:

Sample Information

Client Sample ID: **System Effluent** **York Sample ID:** **23I1710-01**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23I1710	80 Banks Avenue Rockville Centre 12-190 DS	Waste Water	September 26, 2023 12:30 pm	09/27/2023

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**	**59.2**		ug/L	27.8	1	EPA 200.7	10/01/2023 09:57	10/03/2023 18:09	CEG
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		

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	10/01/2023 09:57	10/03/2023 18:09	CEG
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

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	10/01/2023 09:57	10/03/2023 18:09	CEG
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

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**	**16.5**		ug/L	5.56	1	EPA 200.7	10/01/2023 09:57	10/03/2023 18:09	CEG
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		

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	10/01/2023 09:57	10/03/2023 18:09	CEG
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

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**	**322**		ug/L	22.2	1	EPA 200.7	10/01/2023 09:57	10/03/2023 18:09	CEG
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		

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**	**3790**		ug/L	278	1	EPA 200.7	10/01/2023 09:57	10/03/2023 18:09	CEG
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		

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:** 23I1710-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23I1710	80 Banks Avenue Rockville Centre 12-190 DS	Waste Water	September 26, 2023 12:30 pm	09/27/2023

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**	**30.9**		ug/L	5.56	1	EPA 200.7	10/01/2023 09:57	10/03/2023 18:09	CEG
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		

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**	**292**		ug/L	55.6	1	EPA 200.7	10/01/2023 09:57	10/03/2023 18:09	CEG
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		

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**	**25.0**		ug/L	5.56	1	EPA 200.7	10/01/2023 09:57	10/03/2023 18:09	CEG
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		

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	10/01/2023 09:57	10/03/2023 18:09	CEG
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

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**	**12.2**		ug/L	11.1	1	EPA 200.7	10/01/2023 09:57	10/03/2023 18:09	CEG
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		

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**	**1010**		ug/L	27.8	1	EPA 200.7	10/01/2023 09:57	10/03/2023 18:09	CEG
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		

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	10/02/2023 08:30	10/02/2023 08:30	PA
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Sample Information

Client Sample ID: **System Effluent** **York Sample ID:** **23I1710-01**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23I1710	80 Banks Avenue Rockville Centre 12-190 DS	Waste Water	September 26, 2023 12:30 pm	09/27/2023

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**	**4.00**	HT-pH	pH units	0.500	1	SM 4500 HB	10/02/2023 10:33	10/04/2023 10:38	JAMT
							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	ND		ug/L	5000	1	EPA 160.2	09/28/2023 07:34	09/28/2023 14:50	sgs
							Certifications:			

Analytical Batch Summary

Batch ID: BI31769 **Preparation Method:** % Solids Prep **Prepared By:** sgs

YORK Sample ID	Client Sample ID	Preparation Date
23I1710-01	System Effluent	09/28/23
BI31769-BLK1	Blank	09/28/23
BI31769-DUP1	Duplicate	09/28/23
BI31769-DUP2	Duplicate	09/28/23

Batch ID: BI31901 **Preparation Method:** EPA 5030B **Prepared By:** SMA

YORK Sample ID	Client Sample ID	Preparation Date
23I1710-01	System Effluent	09/29/23
BI31901-BLK1	Blank	09/29/23
BI31901-BS1	LCS	09/29/23
BI31901-BSD1	LCS Dup	09/29/23

Batch ID: BI31971 **Preparation Method:** EPA 3510C **Prepared By:** BMT

YORK Sample ID	Client Sample ID	Preparation Date
23I1710-01	System Effluent	09/30/23
BI31971-BLK1	Blank	09/30/23
BI31971-BS1	LCS	09/30/23
BI31971-BSD1	LCS Dup	09/30/23

Batch ID: BJ30008 **Preparation Method:** EPA 200.7 **Prepared By:** KMQ

YORK Sample ID	Client Sample ID	Preparation Date
23I1710-01	System Effluent	10/01/23
BJ30008-BLK1	Blank	10/01/23
BJ30008-BS1	LCS	10/01/23
BJ30008-DUP1	Duplicate	10/01/23
BJ30008-MS1	Matrix Spike	10/01/23
BJ30008-MS2	Matrix Spike	10/01/23
BJ30008-PS1	Post Spike	10/01/23

Batch ID: BJ30032 **Preparation Method:** EPA 245.1 Mercury **Prepared By:** PFA

YORK Sample ID	Client Sample ID	Preparation Date
23I1710-01	System Effluent	10/02/23
BJ30032-BLK1	Blank	10/02/23
BJ30032-BLK2	Blank	10/02/23
BJ30032-BS1	LCS	10/02/23
BJ30032-BS2	LCS	10/02/23

Batch ID: BJ30049 **Preparation Method:** Analysis Preparation **Prepared By:** JAMT

YORK Sample ID	Client Sample ID	Preparation Date
23I1710-01	System Effluent	10/02/23
BJ30049-DUP1	Duplicate	10/02/23

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 BI31901 - EPA 5030B											
Blank (BI31901-BLK1)								Prepared & Analyzed: 09/29/2023			
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	*9.66*		*"*	*10.0*		*96.6*	*78-126*				
Surrogate: SURR: Toluene-d8	*9.78*		*"*	*10.0*		*97.8*	*84-117*				
Surrogate: SURR: p-Bromofluorobenzene	*10.1*		*"*	*10.0*		*101*	*71-130*				
LCS (BI31901-BS1)								Prepared & Analyzed: 09/29/2023			
Acetone	34		ug/L	20.0		172	30-112	High Bias			
Methyl tert-butyl ether (MTBE)	22		"	20.0		112	59-135				
Tetrachloroethylene	12		"	20.0		59.0	77-133	Low Bias			
Toluene	21		"	20.0		106	83-122				
trans-1,2-Dichloroethylene	23		"	20.0		113	59-145				
Trichloroethylene	20		"	20.0		100	80-125				
Vinyl Chloride	23		"	20.0		113	41-136				
Surrogate: SURR: 1,2-Dichloroethane-d4	*9.69*		*"*	*10.0*		*96.9*	*78-126*				
Surrogate: SURR: Toluene-d8	*9.68*		*"*	*10.0*		*96.8*	*84-117*				
Surrogate: SURR: p-Bromofluorobenzene	*9.66*		*"*	*10.0*		*96.6*	*71-130*				
LCS Dup (BI31901-BSD1)								Prepared & Analyzed: 09/29/2023			
Acetone	34		ug/L	20.0		170	30-112	High Bias	0.672	30	
Methyl tert-butyl ether (MTBE)	22		"	20.0		111	59-135		1.57	30	
Tetrachloroethylene	11		"	20.0		57.0	77-133	Low Bias	3.62	30	
Toluene	21		"	20.0		103	83-122		2.54	30	
trans-1,2-Dichloroethylene	21		"	20.0		107	59-145		5.82	30	
Trichloroethylene	19		"	20.0		96.3	80-125		3.82	30	
Vinyl Chloride	21		"	20.0		105	41-136		7.18	30	
Surrogate: SURR: 1,2-Dichloroethane-d4	*9.66*		*"*	*10.0*		*96.6*	*78-126*				
Surrogate: SURR: Toluene-d8	*9.71*		*"*	*10.0*		*97.1*	*84-117*				
Surrogate: SURR: p-Bromofluorobenzene	*9.74*		*"*	*10.0*		*97.4*	*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 BI31971 - EPA 3510C											
Blank (BI31971-BLK1)									Prepared: 09/30/2023 Analyzed: 10/02/2023		
1,2,4-Trichlorobenzene	ND	5.00	ug/L								
3-Nitroaniline	ND	5.00	"								
Surrogate: SURR: Nitrobenzene-d5	*19.1*		*"*	*25.0*		*76.4*	*50.2-113*				
Surrogate: SURR: 2-Fluorobiphenyl	*16.8*		*"*	*25.0*		*67.4*	*39.9-105*				
Surrogate: SURR: Terphenyl-d14	*21.1*		*"*	*25.0*		*84.3*	*30.7-106*				
LCS (BI31971-BS1)									Prepared: 09/30/2023 Analyzed: 10/02/2023		
1,2,4-Trichlorobenzene	18.7	5.00	ug/L	25.0		74.8	35-91				
3-Nitroaniline	17.0	5.00	"	25.0		68.0	29-128				
Surrogate: SURR: Nitrobenzene-d5	*24.1*		*"*	*25.0*		*96.5*	*50.2-113*				
Surrogate: SURR: 2-Fluorobiphenyl	*19.8*		*"*	*25.0*		*79.4*	*39.9-105*				
Surrogate: SURR: Terphenyl-d14	*23.4*		*"*	*25.0*		*93.4*	*30.7-106*				
LCS Dup (BI31971-BSD1)									Prepared: 09/30/2023 Analyzed: 10/02/2023		
1,2,4-Trichlorobenzene	17.0	5.00	ug/L	25.0		67.9	35-91		9.59	20	
3-Nitroaniline	16.2	5.00	"	25.0		64.9	29-128		4.75	20	
Surrogate: SURR: Nitrobenzene-d5	*22.6*		*"*	*25.0*		*90.2*	*50.2-113*				
Surrogate: SURR: 2-Fluorobiphenyl	*18.7*		*"*	*25.0*		*75.0*	*39.9-105*				
Surrogate: SURR: Terphenyl-d14	*21.5*		*"*	*25.0*		*86.0*	*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 BJ30008 - EPA 200.7											
Blank (BJ30008-BLK1)											Prepared: 10/01/2023 Analyzed: 10/03/2023
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 (BJ30008-BS1)											Prepared: 10/01/2023 Analyzed: 10/03/2023
Arsenic	1.84		ug/mL	2.00		92.1	85-115				
Barium	2.02		"	2.00		101	85-115				
Beryllium	0.0487		"	0.0500		97.4	85-115				
Cadmium	0.0503		"	0.0500		101	85-115				
Chromium	0.194		"	0.200		97.0	85-115				
Cobalt	0.490		"	0.500		98.0	85-115				
Copper	0.258		"	0.250		103	85-115				
Iron	1.03		"	1.00		103	85-115				
Lead	0.493		"	0.500		98.6	85-115				
Magnesium	0.990		"	1.00		99.0	85-115				
Manganese	0.505		"	0.500		101	85-115				
Nickel	0.511		"	0.500		102	85-115				
Vanadium	0.494		"	0.500		98.9	85-115				
Zinc	0.507		"	0.500		101	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 BJ30008 - EPA 200.7											
Duplicate (BJ30008-DUP1)	*Source sample: 23I1743-05 (Duplicate)								Prepared: 10/01/2023 Analyzed: 10/03/2023		
Arsenic	ND	16.7	ug/L		ND					20	
Barium	90.8	27.8	"		88.8				2.21	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	23.1	22.2	"		ND					20	
Iron	ND	278	"		ND					20	
Lead	ND	5.56	"		ND					20	
Magnesium	7960	55.6	"		8010				0.665	20	
Manganese	ND	5.56	"		ND					20	
Nickel	ND	11.1	"		ND					20	
Vanadium	ND	11.1	"		ND					20	
Zinc	216	27.8	"		205				5.17	20	
Matrix Spike (BJ30008-MS1)	*Source sample: 23I1743-05 (Matrix Spike)								Prepared: 10/01/2023 Analyzed: 10/03/2023		
Arsenic	2130	16.7	ug/L	2220	ND	95.8	75-125				
Barium	2360	27.8	"	2220	88.8	102	75-125				
Beryllium	57.0	0.556	"	55.6	ND	103	75-125				
Cadmium	55.4	3.33	"	55.6	ND	99.8	75-125				
Chromium	220	5.56	"	222	ND	98.9	75-125				
Cobalt	558	4.44	"	556	ND	100	75-125				
Copper	322	22.2	"	278	ND	116	75-125				
Iron	1210	278	"	1110	ND	109	75-125				
Lead	536	5.56	"	556	ND	96.6	75-125				
Magnesium	9120	55.6	"	1110	8010	99.7	75-125				
Manganese	578	5.56	"	556	ND	104	75-125				
Nickel	572	11.1	"	556	ND	103	75-125				
Vanadium	572	11.1	"	556	ND	103	75-125				
Zinc	762	27.8	"	556	205	100	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 BJ30008 - EPA 200.7											
Matrix Spike (BJ30008-MS2)	*Source sample: 23I0754-04 (Matrix Spike)							Prepared: 10/01/2023 Analyzed: 10/03/2023			
Arsenic	2250	16.7	ug/L	2220	ND	101	75-125				
Barium	2320	27.8	"	2220	50.0	102	75-125				
Beryllium	58.6	0.556	"	55.6	ND	105	75-125				
Cadmium	57.4	3.33	"	55.6	ND	103	75-125				
Chromium	217	5.56	"	222	ND	97.8	75-125				
Cobalt	548	4.44	"	556	ND	98.7	75-125				
Copper	333	22.2	"	278	50.2	102	75-125				
Iron	1150	278	"	1110	ND	104	75-125				
Lead	542	5.56	"	556	ND	97.6	75-125				
Magnesium	22900	55.6	"	1110	22000	79.2	75-125				
Manganese	575	5.56	"	556	ND	103	75-125				
Nickel	573	11.1	"	556	ND	103	75-125				
Vanadium	563	11.1	"	556	ND	101	75-125				
Zinc	613	27.8	"	556	ND	110	75-125				
Post Spike (BJ30008-PS1)	*Source sample: 23I1743-05 (Post Spike)							Prepared: 10/01/2023 Analyzed: 10/03/2023			
Arsenic	1.99		ug/mL	2.00	-0.00542	99.5	75-125				
Barium	2.23		"	2.00	0.400	91.3	75-125				
Beryllium	0.0539		"	0.0500	0.000409	107	75-125				
Cadmium	0.0523		"	0.0500	0.00251	99.6	75-125				
Chromium	0.211		"	0.200	0.00301	104	75-125				
Cobalt	0.521		"	0.500	0.000193	104	75-125				
Copper	0.304		"	0.250	0.0928	84.3	75-125				
Iron	1.06		"	1.00	0.119	94.0	75-125				
Lead	0.506		"	0.500	-0.0203	101	75-125				
Magnesium	8.11		"	1.00	36.0	NR	75-125	Low Bias			
Manganese	0.547		"	0.500	0.00679	108	75-125				
Nickel	0.530		"	0.500	0.0228	101	75-125				
Vanadium	0.536		"	0.500	0.00456	106	75-125				
Zinc	0.708		"	0.500	0.923	NR	75-125	Low Bias			

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 BJ30032 - EPA 245.1 Mercury											
Blank (BJ30032-BLK1)								Prepared & Analyzed: 10/02/2023			
Mercury	ND	0.2000	ug/L								
Blank (BJ30032-BLK2)								Prepared & Analyzed: 10/02/2023			
Mercury	ND	0.2000	ug/L								
LCS (BJ30032-BS1)								Prepared & Analyzed: 10/02/2023			
Mercury	2.168	0.2000	ug/L	2.00		108	75-125				
LCS (BJ30032-BS2)								Prepared & Analyzed: 10/02/2023			
Mercury	2.006	0.2000	ug/L	2.00		100	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 BJ30049 - Analysis Preparation											
Duplicate (BJ30049-DUP1)	*Source sample: 23I1825-01 (Duplicate)								Prepared: 10/02/2023 Analyzed: 10/04/2023		
pH	7.23	0.500	pH units		7.22				0.138	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 BI31769 - % Solids Prep											
Blank (BI31769-BLK1)								Prepared & Analyzed: 09/28/2023			
Total Suspended Solids	ND	1000	ug/L								
Duplicate (BI31769-DUP1)	*Source sample: 23I1711-03 (Duplicate)							Prepared & Analyzed: 09/28/2023			
Total Suspended Solids	ND	5000	ug/L		ND					15	
Duplicate (BI31769-DUP2)	*Source sample: 23I1777-01 (Duplicate)							Prepared & Analyzed: 09/28/2023			
Total Suspended Solids	ND	5000	ug/L		ND					15	

Volatile Analysis Sample Containers

Lab ID	Client Sample ID	Volatile Sample Container
23I1710-01	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. 23I1710

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:	YOUR Project Number	Turn-Around Time
Company: Laurel Environmental	Company:	Company:	12-140 DS	RUSH - Next Day
Address: 53 West Hills Road Huntington Station, NY 11746	Address: Scott	Address: Kathy	YOUR Project Name: 80 Banks Avenue, Rockville Centre	RUSH - Two Day
Phone.: Scott Terrell (631)673-2418	Phone.:	Phone.:		RUSH - Three Day
Contact: Scott Yarnell	Contact:	Contact:		RUSH - Four Day
E-mail: labresults@laurelenv.com	E-mail:	E-mail:	YOUR PO#:	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	Samples From	Report / EDD Type (circle selections)			YORK Reg. Comp.
S - soil / solid	New York X	Summary Report	CT RCP	EQuIS (Standard)	Compared to the following Regulation(s): (please fill in)
GW - groundwater	New Jersey	QA Report	CT RCP DQA/DUE	NYSDEC EQuIS	
DW - drinking water	Connecticut	CMDP	NJDEP Reduced Deliverables	NJDKQP	
WW - wastewater	Pennsylvania	Standard Excel EDD		NJDEP SRP HazSite	
O - Oil Other	Other:	NY ASP B Package	Other:		

Sample Identification	Sample Matrix	Date/Time Sampled	Analyses Requested	Container Type	No.
System Effluent	WW	9/26/23 1230	NYSDEC SPDES + TSS	(2) 250mL	
				(2) 1L Amb	
				(3) 40mL	

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

Samples Relinquished by / Company	Date/Time	1. Samples Received by / Company	Date/Time	2. Samples Relinquished by / Company	Date/Time
Nicholas Kider	9/27/23	Gilbert Castillo	9/27/23 1110	KBlackman for Gilbert Castillo	9/27/23 1100
Samples Received by / Company	**Date/Time**	**3. Samples Relinquished by / Company**	**Date/Time**	**3. Samples Received by / Company**	**Date/Time**
Ramon Yusi	9/27/1950	Ramon Yusi	9/27 2100		
Samples Relinquished by / Company	**Date/Time**	**4. Samples Received by / Company**	**Date/Time**	**Samples Received in LAB by**	**Date/Time** / **Temperature**
				KZ	9/27/23 2000 / 3.8 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: 10/31/2023
Client Project ID: 80 Banks Avenue, Rockville Centre 12-190 DS
York Project (SDG) No.: 23J1624

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: 10/31/2023
Client Project ID: 80 Banks Avenue, Rockville Centre 12-190 DS
York Project (SDG) No.: 23J1624

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 October 25, 2023 and listed below. The project was identified as your project: **80 Banks Avenue, Rockville Centre 12-190 DS**.

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
23J1624-01	System Effluent	Waste Water	10/24/2023	10/25/2023

General Notes for York Project (SDG) No.: 23J1624

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:** 10/31/2023

Cassie L. Mosher
Laboratory Manager

Sample Information

Client Sample ID: **System Effluent** **York Sample ID:** **23J1624-01**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23J1624	80 Banks Avenue, Rockville Centre 12-190 DS	Waste Water	October 24, 2023 2:00 pm	10/25/2023

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:	10/30/2023 12:30	10/31/2023 03:13	SMA
1634-04-4	* Methyl tert-butyl ether (MTBE)	ND		ug/L	0.53	5.0	1	EPA 624.1 Certifications:	10/30/2023 12:30	10/31/2023 03:13	SMA
127-18-4	Tetrachloroethylene	ND	QL-02	ug/L	3.3	5.0	1	EPA 624.1 Certifications:	10/30/2023 12:30	10/31/2023 03:13	SMA
108-88-3	Toluene	ND		ug/L	0.81	5.0	1	EPA 624.1 Certifications:	10/30/2023 12:30	10/31/2023 03:13	SMA
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	3.5	5.0	1	EPA 624.1 Certifications:	10/30/2023 12:30	10/31/2023 03:13	SMA
79-01-6	Trichloroethylene	ND		ug/L	1.2	5.0	1	EPA 624.1 Certifications:	10/30/2023 12:30	10/31/2023 03:13	SMA
75-01-4	Vinyl Chloride	ND		ug/L	1.3	5.0	1	EPA 624.1 Certifications:	10/30/2023 12:30	10/31/2023 03:13	SMA

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: SURR: 1,2-Dichloroethane-d4*	*103 %*	*78-126*
2037-26-5	*Surrogate: SURR: Toluene-d8*	*96.1 %*	*84-117*
460-00-4	*Surrogate: SURR: p-Bromofluorobenzene*	*94.1 %*	*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:	10/30/2023 08:38	10/30/2023 22:58	KH
99-09-2	3-Nitroaniline	ND		ug/L	1.68	5.00	1	EPA 8270D Certifications:	10/30/2023 08:38	10/30/2023 22:58	KH

	Surrogate Recoveries	Result	Acceptance Range
4165-60-0	*Surrogate: SURR: Nitrobenzene-d5*	*68.9 %*	*50.2-113*
321-60-8	*Surrogate: SURR: 2-Fluorobiphenyl*	*59.5 %*	*39.9-105*
1718-51-0	*Surrogate: SURR: Terphenyl-d14*	*58.5 %*	*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	15.0	1	EPA 200.7 Certifications:	10/28/2023 09:12	10/30/2023 20:03	CEG

Barium by EPA 200.7

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

Sample Information

Client Sample ID: System Effluent **York Sample ID:** 23J1624-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23J1624	80 Banks Avenue, Rockville Centre 12-190 DS	Waste Water	October 24, 2023 2:00 pm	10/25/2023

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**	**44.1**		ug/L	25.0	1	EPA 200.7	10/28/2023 09:12	10/30/2023 20:03	CEG
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		

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**	**0.677**		ug/L	0.500	1	EPA 200.7	10/28/2023 09:12	10/30/2023 20:03	CEG
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		

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	3.00	1	EPA 200.7	10/28/2023 09:12	10/30/2023 20:03	CEG
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

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**	**16.6**		ug/L	5.00	1	EPA 200.7	10/28/2023 09:12	10/30/2023 20:03	CEG
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		

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	4.00	1	EPA 200.7	10/28/2023 09:12	10/30/2023 20:03	CEG
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

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	20.0	1	EPA 200.7	10/28/2023 09:12	10/30/2023 20:03	CEG
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

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**	**4020**		ug/L	250	1	EPA 200.7	10/28/2023 09:12	10/30/2023 20:03	CEG
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		

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:** **23J1624-01**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23J1624	80 Banks Avenue, Rockville Centre 12-190 DS	Waste Water	October 24, 2023 2:00 pm	10/25/2023

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**	**7.25**		ug/L	5.00	1	EPA 200.7	10/28/2023 09:12	10/30/2023 20:03	CEG
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		

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**	**271**		ug/L	50.0	1	EPA 200.7	10/28/2023 09:12	10/30/2023 20:03	CEG
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		

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**	**17.1**		ug/L	5.00	1	EPA 200.7	10/28/2023 09:12	10/30/2023 20:03	CEG
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		

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**	**29.3**		ug/L	10.0	1	EPA 200.7	10/28/2023 09:12	10/30/2023 20:03	CEG
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		

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	10.0	1	EPA 200.7	10/28/2023 09:12	10/30/2023 20:03	CEG
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

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**	**320**		ug/L	25.0	1	EPA 200.7	10/28/2023 09:12	10/30/2023 20:03	CEG
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		

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	0.5000	1	EPA 245.1	10/30/2023 08:33	10/30/2023 08:33	PFA
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Sample Information

Client Sample ID: **System Effluent** **York Sample ID:** **23J1624-01**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23J1624	80 Banks Avenue, Rockville Centre 12-190 DS	Waste Water	October 24, 2023 2:00 pm	10/25/2023

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**	**11.0**	HT-pH	pH units	0.500	1	SM 4500 HB	10/26/2023 15:25	10/26/2023 21:44	SMK
							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	ND		ug/L	5000	1	EPA 160.2	10/27/2023 07:45	10/27/2023 15:15	sgs
							Certifications:			

Analytical Batch Summary

Batch ID: BJ31902 **Preparation Method:** Analysis Preparation **Prepared By:** SMK

YORK Sample ID	Client Sample ID	Preparation Date
23J1624-01	System Effluent	10/26/23
BJ31902-DUP1	Duplicate	10/26/23

Batch ID: BJ31928 **Preparation Method:** % Solids Prep **Prepared By:** sgs

YORK Sample ID	Client Sample ID	Preparation Date
23J1624-01	System Effluent	10/27/23
BJ31928-BLK1	Blank	10/27/23
BJ31928-DUP1	Duplicate	10/27/23
BJ31928-DUP2	Duplicate	10/27/23

Batch ID: BJ32024 **Preparation Method:** EPA 200.7 **Prepared By:** KMQ

YORK Sample ID	Client Sample ID	Preparation Date
23J1624-01	System Effluent	10/28/23
BJ32024-BLK1	Blank	10/28/23
BJ32024-BS1	LCS	10/28/23
BJ32024-DUP1	Duplicate	10/28/23
BJ32024-MS1	Matrix Spike	10/28/23
BJ32024-MS2	Matrix Spike	10/28/23
BJ32024-PS1	Post Spike	10/28/23

Batch ID: BJ32096 **Preparation Method:** EPA 245.1 Mercury **Prepared By:** PFA

YORK Sample ID	Client Sample ID	Preparation Date
23J1624-01	System Effluent	10/30/23
BJ32096-BLK1	Blank	10/30/23
BJ32096-BLK2	Blank	10/30/23
BJ32096-BS1	LCS	10/30/23
BJ32096-BS2	LCS	10/30/23

Batch ID: BJ32099 **Preparation Method:** EPA 3510C **Prepared By:** moa

YORK Sample ID	Client Sample ID	Preparation Date
23J1624-01	System Effluent	10/30/23
BJ32099-BLK1	Blank	10/30/23
BJ32099-BS1	LCS	10/30/23
BJ32099-BSD1	LCS Dup	10/30/23

Batch ID: BJ32131 **Preparation Method:** EPA 5030B **Prepared By:** SMA

YORK Sample ID	Client Sample ID	Preparation Date

23J1624-01	System Effluent	10/30/23
BJ32131-BLK1	Blank	10/30/23
BJ32131-BS1	LCS	10/30/23
BJ32131-BSD1	LCS Dup	10/30/23

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 BJ32131 - EPA 5030B											
Blank (BJ32131-BLK1)								Prepared & Analyzed: 10/30/2023			
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	*10.2*		*"*	*10.0*		*102*	*78-126*				
Surrogate: SURR: Toluene-d8	*9.65*		*"*	*10.0*		*96.5*	*84-117*				
Surrogate: SURR: p-Bromofluorobenzene	*9.17*		*"*	*10.0*		*91.7*	*71-130*				
LCS (BJ32131-BS1)								Prepared & Analyzed: 10/30/2023			
Acetone	39		ug/L	20.0		196	30-112	High Bias			
Methyl tert-butyl ether (MTBE)	21		"	20.0		107	59-135				
Tetrachloroethylene	11		"	20.0		55.6	77-133	Low Bias			
Toluene	20		"	20.0		102	83-122				
trans-1,2-Dichloroethylene	21		"	20.0		106	59-145				
Trichloroethylene	20		"	20.0		97.6	80-125				
Vinyl Chloride	23		"	20.0		113	41-136				
Surrogate: SURR: 1,2-Dichloroethane-d4	*9.82*		*"*	*10.0*		*98.2*	*78-126*				
Surrogate: SURR: Toluene-d8	*9.54*		*"*	*10.0*		*95.4*	*84-117*				
Surrogate: SURR: p-Bromofluorobenzene	*9.42*		*"*	*10.0*		*94.2*	*71-130*				
LCS Dup (BJ32131-BSD1)								Prepared & Analyzed: 10/30/2023			
Acetone	40		ug/L	20.0		201	30-112	High Bias	2.80	30	
Methyl tert-butyl ether (MTBE)	23		"	20.0		113	59-135		4.77	30	
Tetrachloroethylene	11		"	20.0		52.6	77-133	Low Bias	5.54	30	
Toluene	20		"	20.0		97.8	83-122		4.45	30	
trans-1,2-Dichloroethylene	20		"	20.0		102	59-145		3.59	30	
Trichloroethylene	19		"	20.0		94.0	80-125		3.65	30	
Vinyl Chloride	21		"	20.0		106	41-136		6.80	30	
Surrogate: SURR: 1,2-Dichloroethane-d4	*10.1*		*"*	*10.0*		*101*	*78-126*				
Surrogate: SURR: Toluene-d8	*9.59*		*"*	*10.0*		*95.9*	*84-117*				
Surrogate: SURR: p-Bromofluorobenzene	*9.27*		*"*	*10.0*		*92.7*	*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 BJ32099 - EPA 3510C											
Blank (BJ32099-BLK1)								Prepared & Analyzed: 10/30/2023			
1,2,4-Trichlorobenzene	ND	5.00	ug/L								
3-Nitroaniline	ND	5.00	"								
Surrogate: SURR: Nitrobenzene-d5	*19.7*		*"*	*25.0*		*78.6*	*50.2-113*				
Surrogate: SURR: 2-Fluorobiphenyl	*17.1*		*"*	*25.0*		*68.2*	*39.9-105*				
Surrogate: SURR: Terphenyl-d14	*19.9*		*"*	*25.0*		*79.5*	*30.7-106*				
LCS (BJ32099-BS1)								Prepared & Analyzed: 10/30/2023			
1,2,4-Trichlorobenzene	13.0	5.00	ug/L	25.0		52.2	35-91				
3-Nitroaniline	8.83	5.00	"	25.0		35.3	29-128				
Surrogate: SURR: Nitrobenzene-d5	*15.4*		*"*	*25.0*		*61.6*	*50.2-113*				
Surrogate: SURR: 2-Fluorobiphenyl	*13.1*		*"*	*25.0*		*52.4*	*39.9-105*				
Surrogate: SURR: Terphenyl-d14	*15.3*		*"*	*25.0*		*61.0*	*30.7-106*				
LCS Dup (BJ32099-BSD1)								Prepared & Analyzed: 10/30/2023			
1,2,4-Trichlorobenzene	16.0	5.00	ug/L	25.0		64.0	35-91		20.3	20	Non-dir.
3-Nitroaniline	10.7	5.00	"	25.0		42.8	29-128		19.1	20	
Surrogate: SURR: Nitrobenzene-d5	*20.1*		*"*	*25.0*		*80.3*	*50.2-113*				
Surrogate: SURR: 2-Fluorobiphenyl	*17.1*		*"*	*25.0*		*68.5*	*39.9-105*				
Surrogate: SURR: Terphenyl-d14	*19.6*		*"*	*25.0*		*78.3*	*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 BJ32024 - EPA 200.7											
Blank (BJ32024-BLK1)											Prepared: 10/28/2023 Analyzed: 10/31/2023
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 (BJ32024-BS1)											Prepared: 10/28/2023 Analyzed: 10/30/2023
Arsenic	1.77		ug/mL	2.00		88.3	85-115				
Barium	1.92		"	2.00		95.8	85-115				
Beryllium	0.0466		"	0.0500		93.3	85-115				
Cadmium	0.0452		"	0.0500		90.4	85-115				
Chromium	0.188		"	0.200		94.0	85-115				
Cobalt	0.487		"	0.500		97.5	85-115				
Copper	0.236		"	0.250		94.3	85-115				
Iron	0.993		"	1.00		99.3	85-115				
Lead	0.456		"	0.500		91.1	85-115				
Magnesium	0.931		"	1.00		93.1	85-115				
Manganese	0.486		"	0.500		97.2	85-115				
Nickel	0.487		"	0.500		97.4	85-115				
Vanadium	0.467		"	0.500		93.4	85-115				
Zinc	0.468		"	0.500		93.6	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 BJ32024 - EPA 200.7											
Duplicate (BJ32024-DUP1)	*Source sample: 23J1624-01 (System Effluent)								Prepared: 10/28/2023 Analyzed: 10/30/2023		
Arsenic	ND	16.7	ug/L		ND					20	
Barium	46.5	27.8	"		44.1				5.31	20	
Beryllium	ND	0.556	"		0.677					20	
Cadmium	ND	3.33	"		ND					20	
Chromium	17.8	5.56	"		16.6				6.81	20	
Cobalt	ND	4.44	"		ND					20	
Copper	ND	22.2	"		ND					20	
Iron	5400	278	"		4020				29.3	20	Non-dir.
Lead	8.94	5.56	"		7.25				20.9	20	Non-dir.
Magnesium	307	55.6	"		271				12.7	20	
Manganese	18.2	5.56	"		17.1				6.27	20	
Nickel	ND	11.1	"		29.3					20	
Vanadium	ND	11.1	"		ND					20	
Zinc	354	27.8	"		320				10.3	20	
Matrix Spike (BJ32024-MS1)	*Source sample: 23J1624-01 (System Effluent)								Prepared: 10/28/2023 Analyzed: 10/30/2023		
Arsenic	2230	16.7	ug/L	2220	ND	100	75-125				
Barium	2360	27.8	"	2220	44.1	104	75-125				
Beryllium	58.7	0.556	"	55.6	0.677	104	75-125				
Cadmium	54.4	3.33	"	55.6	ND	97.9	75-125				
Chromium	247	5.56	"	222	16.6	104	75-125				
Cobalt	588	4.44	"	556	ND	106	75-125				
Copper	311	22.2	"	278	ND	112	75-125				
Iron	5810	278	"	1110	4020	161	75-125	High Bias			
Lead	556	5.56	"	556	7.25	98.9	75-125				
Magnesium	1330	55.6	"	1110	271	95.7	75-125				
Manganese	612	5.56	"	556	17.1	107	75-125				
Nickel	596	11.1	"	556	29.3	102	75-125				
Vanadium	589	11.1	"	556	ND	106	75-125				
Zinc	935	27.8	"	556	320	111	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 BJ32024 - EPA 200.7											
Matrix Spike (BJ32024-MS2)	*Source sample: 23J1062-06 (Matrix Spike)							Prepared: 10/28/2023 Analyzed: 10/30/2023			
Arsenic	2120	16.7	ug/L	2220	ND	95.4	75-125				
Barium	2410	27.8	"	2220	202	99.3	75-125				
Beryllium	55.6	0.556	"	55.6	ND	100	75-125				
Cadmium	52.4	3.33	"	55.6	ND	94.3	75-125				
Chromium	220	5.56	"	222	ND	98.8	75-125				
Cobalt	555	4.44	"	556	ND	99.8	75-125				
Copper	278	22.2	"	278	ND	99.9	75-125				
Iron	1110	278	"	1110	ND	99.6	75-125				
Lead	526	5.56	"	556	7.18	93.4	75-125				
Magnesium	18700	55.6	"	1110	17200	132	75-125	High Bias			
Manganese	645	5.56	"	556	75.0	103	75-125				
Nickel	560	11.1	"	556	38.5	93.8	75-125				
Vanadium	550	11.1	"	556	ND	99.1	75-125				
Zinc	558	27.8	"	556	ND	100	75-125				
Post Spike (BJ32024-PS1)	*Source sample: 23J1624-01 (System Effluent)							Prepared: 10/28/2023 Analyzed: 10/30/2023			
Arsenic	2.31		ug/mL	2.00	-0.00754	116	75-125				
Barium	2.39		"	2.00	0.0397	117	75-125				
Beryllium	0.0587		"	0.0500	0.000609	116	75-125				
Cadmium	0.0565		"	0.0500	0.0000885	113	75-125				
Chromium	0.248		"	0.200	0.0150	117	75-125				
Cobalt	0.599		"	0.500	-0.0000473	120	75-125				
Copper	0.310		"	0.250	0.0165	117	75-125				
Iron	4.97		"	1.00	3.62	135	75-125	High Bias			
Lead	0.566		"	0.500	0.00652	112	75-125				
Magnesium	1.29		"	1.00	0.244	104	75-125				
Manganese	0.616		"	0.500	0.0154	120	75-125				
Nickel	0.609		"	0.500	0.0263	117	75-125				
Vanadium	0.589		"	0.500	0.00697	116	75-125				
Zinc	0.914		"	0.500	0.288	125	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 BJ32096 - EPA 245.1 Mercury											
Blank (BJ32096-BLK1)								Prepared & Analyzed: 10/30/2023			
Mercury	ND	0.2000	ug/L								
Blank (BJ32096-BLK2)								Prepared & Analyzed: 10/30/2023			
Mercury	ND	0.2000	ug/L								
LCS (BJ32096-BS1)								Prepared & Analyzed: 10/30/2023			
Mercury	2.055	0.2000	ug/L	2.00		103	75-125				
LCS (BJ32096-BS2)								Prepared & Analyzed: 10/30/2023			
Mercury	2.031	0.2000	ug/L	2.00		102	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 BJ31902 - Analysis Preparation											
Duplicate (BJ31902-DUP1)	*Source sample: 23J1624-01 (System Effluent)								Prepared & Analyzed: 10/26/2023		
pH	11.0	0.500	pH units		11.0				0.0909	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 BJ31928 - % Solids Prep											
Blank (BJ31928-BLK1)								Prepared & Analyzed: 10/27/2023			
Total Suspended Solids	ND	1000	ug/L								
Duplicate (BJ31928-DUP1)	*Source sample: 23J1443-01 (Duplicate)							Prepared & Analyzed: 10/27/2023			
Total Suspended Solids	51000	10000	ug/L		50000				1.98	15	
Duplicate (BJ31928-DUP2)	*Source sample: 23J1549-06 (Duplicate)							Prepared & Analyzed: 10/27/2023			
Total Suspended Solids	ND	5000	ug/L		ND					15	

Volatile Analysis Sample Containers

Lab ID	Client Sample ID	Volatile Sample Container
23J1624-01	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.

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

YORK Project No. 23J1624

Page 1 of 1

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: lab results@laurelenv.com	E-mail:	E-mail:

YOUR Project Number: 12-140 DS

YOUR Project Name: 80 Banks Avenue, Rockville Centre

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 Kideris

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

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	10/24/23 1440	NYSDEC SPDES + TSS	(3) 40mL Q2 2oz	
				(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
	10/25/23 1PM	KBachwork	10/25/23 1PM	KBachwork	10/25/23 1800
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
				AF	10/25/23 1800 / 2.9 Degrees C

APPENDIX E

Data Usability Summary Report