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June 13, 2023

New York State Department of Environmental Conservation
Region 2, Division of Environmental Remediation
47-40 21st Street
Long Island City, New York, 11101

RE: Soil Vapor Evaluation Work Plan
13-12 Beach Channel Drive, Far Rockaway, New York (Block 15528, Lots: 5, 6, and 9)
NYSDEC BCP Number: C241254
IEC Project #15209

Impact Environmental Engineering and Geology PLLC (IEEG) on behalf of BDC Owner LLC ("Volunteer"), has prepared this Soil Vapor Evaluation Work Plan (Work Plan) to evaluate post-remediation volatile organic compounds (VOCs) in soil vapor at 13-12 Beach Channel Drive, Far Rockaway, Queens County, New York (Site). Components of the remedy completed in accordance with the Remedial Action Work Plan (RAWP) approved by the NYSDEC on April 29, 2022 have been included to support this supplemental scope of work. The objective of the proposed work is to provide updated soil vapor analytical data to determine if enhanced soil remediation (i.e., soil vapor extraction) is necessary given the successful implementation of soil remediation and in-situ groundwater treatment.

The key aspects of the proposed scope of work are as follows:

- Five (5) soil borings will be advanced to a depth of seven (7) feet below grade surface (bgs) and post-run tubing will be utilized in the same manner as the 2021 Remedial Investigation (RI) to collect soil vapor samples with a consistent methodology on the southern portion of the Site.
- Four (4) sub-slab soil vapor / vacuum monitoring points installed within the new building foundation will be used to collect and evaluate sub-slab vapor concentrations.
- The soil vapor sample results will be evaluated in accordance with the NYSDOH – Final Soil Vapor Intrusion Guidance (October 2006).
- Laboratory analysis of soil vapor samples will be by United States Environmental Protection Agency (USEPA) Method TO-15A.
- A summary letter report will be prepared that describes the sampling methodology, analytical results and data evaluation, and significant findings associated with present-day conditions.

SITE CONDITIONS

Redevelopment is in progress which will result in a new mixed-use residential and community facility building. The proposed development will be approximately 132,000 gross square feet (GSF) and 86.5 feet in height (8 stories) and include the co-location of a 40,000 SF homeless shelter and 85,000 SF supportive housing residence. Upon completion, the mixed-use facility will include a 200-bed homeless shelter and 147 affordable studio and one- and two-bedroom residential units. The building will be constructed slab on grade, with final excavation depth ranging from 4-feet below grade surface (bgs) beneath the building slab, and up to 6-feet bgs in areas of footings or mat slabs. **Figure 1** is the Site Development Plan Layout.

Prior to construction, the Site contained three (3) vacant structures. The building located on the south side of the site, Lot 5, was an approximately 1,400 SF slab-on-grade structure, with one-story plus a mezzanine that was most recently occupied by a Kentucky Fried Chicken. The remainder of the 10,500 SF Lot 5 was comprised of an asphalt paved parking lot. The building located in the center of the Site, Lot 6, was an approximately 1,800 SF 3-story commercial and residential structure with a partial basement at a depth of approximately 4-feet below grade, that was most recently occupied by various retail establishments and residential apartment units. The remainder of the 11,095 SF Lot 6 was comprised of concrete paved parking areas. Finally, the building located on the north of the Site, Lot 9, was an approximately 3,600 SF slab on grade structure, with a single story, that was most recently occupied by a car wash and auto detailing establishment. The remainder of the 11,500 SF Lot 9 was comprised of asphalt and concrete paved parking areas (see **Figure 2** for Preconstruction Site Plan). As part of the environmental work scope, IEEG installed monitoring wells, advanced soil borings, and installed temporary vapor monitoring points on the Site for sampling during RI activities conducted in 2020 and 2021 (refer to the Sample Location Map, **Figure 3**).

CONSTRUCTION PHASE

During sub-structure construction, a Sub-Slab Depressurization System (SSDS) was installed with suction pit extraction points and vapor monitoring points (refer to **Figures 4a** and **Figure 4b** for the completed SSDS and vacuum monitoring point layout). Completed construction includes installation of a sub-slab vapor barrier (Drago® Vapor Barrier), and SSDS suction pits and piping. The final installation of the SSDS will include a total of nine (9) permanent vapor/vacuum monitoring points located within the building footprint. Work completed is summarized below.

Reporting Date	Task	Work Completed
11/7/22 - 11/8/22	Ground Intrusive activities for construction of the new development begins. Excavation begins.	Excavated foundation on Lot 6 in preparation for Mat Slab foundation and SSDS pits.
11/9/22 – 11/11/22	Excavation activities and Installation of Vapor Barrier and SSDS	Rebar is laid for construction of Mat Slab and Elevator Pit. Drago wrap and tape is laid and SSDS Suction Pits are installed.
11/17/22	Excavation activities of second mat slab on Lot 6. Excavation for grade beams and strip footings.	Grade beams and strip footings are laid on Lot 6. Forms for rebar are constructed on Lot 9.
11/21/22 - 11/28/22	Excavation and rebar installation continues. Vapor barrier and SSDS installation continues.	Vapor barrier installation continues and two (2) SSDS pits are installed.
12/1/22	Excavation continues, plumbing and forms for concrete foundation begins. SSDS and Vapor barrier installation continues.	Installation of rebar for mat slab continues; Plumbing of piping and vapor barrier installation continues. Suction pits for SSDS continues. Foundation forms for concrete begins.
12/14/22	Forms, vapor barrier, plumbing, rebar installation continues.	Installations continue near Redfern Avenue (northeastern portion of Site)
12/20/22	Shoring for concrete pour; vapor barrier continues	Concrete pour scheduled for 12/20/22 at night.
12/22/22 – 1/31/23	Plumbing of piping and vapor barrier installation and installation of SSDS Pits continues.	Installation of 3 additional SSDS Pits
		Mat Slab concrete is poured. Plumbing continues.
		Plumbers continue installing piping for slab on sections.
		Vapor barrier for middle of Site slab on grade is being laid.
		Vapor barrier completed in middle of Site. Last two (2) SSDS Pits installed.
		Concrete delivery completed for slab on grade. Plumbers continue piping. New excavation on Lot 5 begins.
		Concrete structural supports finished. Erection of scaffolding along Redfern Ave. is conducted.
1/31/23	Structural work	Beginning of masonry work; taking down forms, erecting scaffolding

Prior to ground-intrusive construction work for the new development, monitoring wells were decommissioned or were inadvertently destroyed during demolition. Monitoring wells were decommissioned in accordance with NYSDEC CP-43 protocols. On July 14, 2022, SVE-1 (pilot test well), MW-2, MW-3, MW-4S, MW-4I, MW-5 and MW-11 were decommissioned by PG Environmental Services, Inc. (PG). On October 26, 2022, PG decommissioned wells MW-1, MW-7S, MW-7I, MW-8S, MW-8I, MW-9S, MW-9I and MW-10.

COMPLETED REMEDY IMPLEMENTATION

Implementation of in-situ groundwater treatment in accordance with the NYSDEC-approved RAWP was conducted to impede migration from suspected off-site source(s) and treat the dissolved-phase Chlorinated VOC contaminant mass. Per the approved RAWP, PlumeStop® Liquid Activated Carbon™ (PlumeStop) and Sulfidated-MicroZVI® (S-MZVI) was applied to treat the residual chlorinated solvents. The PlumeStop and S-MZVI was supplied in powdered form and mixed with water on site into a slurry. Total volume ratios injected were approximately 2 gallons water per 1 gallon powder as recommended by *Regenesis* (the supplier), although this varied slightly based on the formations ability to accept the fluids. IEEG supervised all remediation activities. *Regenesis Remediation Services* was on site for the injections and *Coastal Environmental Services* was on site for the drilling operations and to support the injection activities.

Groundwater Remediation Activities

Daily activities during groundwater remediation included gauging of applicable monitoring wells prior to injection, mixing and injection of remediation fluids into the injection points and air monitoring in accordance with the approved CAMP program.

Remediation activities were initiated on June 14, 2022. Activities completed on June 14, 2022, included marking out the 22 planned injection points for the application of Plumestop/S-MZVI that will act as a Permeable Reactive Barrier (PRB) at the southern boundary of the property on Lot 5, collecting soil data for grain size analysis, and completion of injections at IP-9, IP-10 and IP-12. A total daily volume of 1,038 gallons (430 lbs. of PlumeStop and 97 lbs. of S-MZVI) was applied.

Activities completed on June 15, 2022, included measurement of depth to water at existing monitoring wells MW-1 (17.18’), MW-7S (16.76’), MW-8S (16.36’) and MW-10 (15.38’) and completion of injections at IP-1, IP-3, IP-7, IP-8, IP-10, IP-11, and IP-13. A total daily volume of 3,809 gallons (1578 lbs. of PlumeStop and 355 lbs. of S-MZVI) was applied during these activities.

Activities completed on June 16, 2022, consisted of measurement of depth to water at existing monitoring wells MW-1 (17.17’), MW-7S (16.80’), MW-8S (16.41’) and MW-10 (15.42’) and completion of injections at IP-2, IP-4, IP-5, IP-6, IP-14, IP-16, IP-17, IP-19, and IP-21. A total daily volume of 3,461 gallons (1560.41 lbs. of PlumeStop and 351.1 lbs. of S-MZVI) was applied.

Injection activities were completed on June 17, 2022. Activities conducted on this date consisted of measurement of depth to water at existing monitoring wells MW-1 (17.14’), MW-7S (16.80’), MW-8S (16.41’) and MW-10 (15.44’) and completion of injections at IP-18, IP-20, and IP-22. A total daily volume of 1,022 gallons (427 lbs. of PlumeStop and 95 lbs. of S-MZVI) was applied. Following these activities, the injection points were flushed with clean water and remaining injection point locations were patched with asphalt. Refer to Injection Field Sheets in **Appendix 1**.

Soil Remediation

Regarding soil remediation, soil from targeted Hot Spots identified as SB-1 and SB-4 on Lot 5 was excavated during Site construction activities. Soil remediation work, in accordance with the approved RAWP, is summarized in the table below.

Reporting date	Task	Work completed
6/30/22	Evaluate and locate accessible monitoring wells for sampling, Conduct SPLP and TCLP testing of Soil	Evaluated usable monitoring wells for sampling. Rebore and test former soil borings.
10/24/22	Excavation of existing structures and Hot Spots	Removed foundations and pavements on Lot 9. Excavated and stockpiled dry well materials. Sampled stockpiled soils for VOCs, SVOCs metals, pesticides and PCBs
10/25/22 - 11/03/22	Continuation of excavation activities and Hot Spot removal.	Foundations and structural walls on lot 9 removed. Oil-water separator excavated and found to be dry. Excavation at former SB-4 location completed and Post-Excavation samples collected. Stockpiled soils sampled.
10/26/22 - 10/28/22	Continuation of Excavation activities and Hot Spot removal. Abandonment of monitoring wells	Grease trap with oil and grease found and removed near KFC location. Monitoring wells abandoned.
12/9/22	Hot Spot excavation is completed. Soil samples are collected for laboratory analysis. Plumbers continue to install slab on grade piping. Vapor barrier installation continues.	10’ by 10’ by 11’ Hot Spot is excavated at former SB-1 location and 5 post excavation soil samples are collected for analysis.

Post-Remedial Soil Sampling and Analytical Results

Soil sampling of stockpiled Dry Well materials was conducted on October 24, 2022. Two (2) grab samples labeled SP-1 and SP-2 and one (1) composite sample identified as SP-COMP were collected and analyzed by York for VOAs by EPA method 8260 (SP-1 and SP-2) and for SVOCs by EPA method 8270, Metals, Herbicides and Pesticides (SP-COMP). The test results are summarized in **Table 1**. The laboratory analytical report is provided in **Appendix 2**. All compounds tested undetectable or below regulatory criteria.

On November 2, 2022, post-excavation sampling from the Hot Spot (HS-4) excavation associated with former soil boring SB-4 was conducted for analysis of VOAs by EPA method 8260C including TICs. The excavation was previously identified from the 2021 RI in the area of SB-4 due to elevated tetrachloroethene (PCE) concentrations and was designated as Hot Spot HS-4. The dimensions of the excavation were approximately 20’ by 20’ by 11.5’. Soil was screened with a photoionization detector (PID), and five (5) soil samples identified as HS-4-SWS, HS-4-SWW, HS-4-SWN, HS-4-SWE, and HS-4-EP were collected biased to the highest PID readings. The analytical results are summarized in **Table 2** and included in the laboratory analytical report in Appenidx 2. The analytical results from the samples identified as HS-4-SWS, HS-4-SWW, HS-4-SWN, HS-4-SWE and HS-4-EP were undetectable by the laboratory method.

On November 3, 2022, stockpiled soil from Hot Spot HS-4 was sampled. Grab samples collected from two stockpiles identified as SP-3 and SP-4 were conducted to include three (3) grab samples and one (1) composite from each

stockpile identified as SP-3-GRAB-1, SP-3-GRAB-2, SP-3-GRAB -3 and SP-3-COMP, SP-4-GRAB-1, SP-4-GRAB-2, SP-4-GRAB -3, and SP-4-COMP. Samples were analyzed for Total Metals, Misc. Inorganics (hexavalent chromium, pH, redox potential and Total Cyanide),1,4-Dioxane, Pesticides and PCBs for disposal purposes. The results are summarized in **Table 3**. The analytical report provided by York is included in Appendix 2. All compounds tested below regulatory criteria or were undetectable by the laboratory method. Stockpiled soil was classified and disposed of at P PARK, NJ, LLC, 100 Planten Avenue, Prospect Park, New Jersey.

A final round of post-excavation soil samples was conducted on December 9, 2022 from the Hot Spot HS-1, in the location of previous soil boring SB-1. This excavation measured approximately 10' by 10' by 11'. Post excavation samples biased to PID readings of the sidewalls and bottom were identified as HS-1-SWS, HS-1-SWW, HS-1-SWN, HS-1-SWE, and HS-1-EP, respectively were collected. These post-excavation samples were analyzed by York for VOAs by EPA method 8260C plus TICs. With the exception of Acetone, which was detected in HS-1-SWS at a concentration marginally above the NYSDEC Unrestricted Use Soil Cleanup Criteria, none of the samples exceeded regulatory criteria. The sample results are summarized in **Table 4**. The analytical report is included in Appendix 2.

Post-Remedial Groundwater Sampling and Analytical Results

Groundwater was sampled from fourteen (14) previously installed monitoring wells, MW-1, MW-2, MW-3, MW-4S, MW-4I, MW-5, MW-7S, MW-7I, MW-8S, MW-8I, MW-9S, MW-9I, MW-10 and MW-11. The well locations are referenced in **Figure 3**. Original groundwater concentrations detected in 2021 are included in **Table 5**.

Purging prior to sampling was conducted with a submersible pump using the low-flow sampling procedures following USEPA guidance "*Low Stress [low flow] Purging and Sampling Procedure for the Collection of Groundwater Samples from Monitoring Wells*", dated September 19, 2017. During purging, field parameters were measured including water level drawdown, purge rate, pH, specific conductance, temperature, dissolved oxygen, turbidity, and oxidation reduction-potential (ORP), every five minutes using a water quality meter (Horiba) and a depth-to-water interface probe that was decontaminated between wells. Samples were not collected until the field parameters stabilized. The field sampling data sheets are provided in **Appendix 3**.

Round 1 Post-Treatment Groundwater Sampling

On July 13 and 14, 2022, 14 groundwater samples, including one (1) duplicate sample, 1 trip blank, and 1 field blank were collected from monitoring wells MW-1, MW-2, MW-3, MW-4S, MW-4I, MW-5, MW-7S, MW-7I, MW-8S, MW-8I, MW-9S, MW-9I, MW-10 and MW-11 and analyzed for:

- VOCs (Low Comprehensive) plus Tentatively Identified Compounds (TICs) by USEPA methods 8260/5035

Selected monitoring wells were also analyzed for the following geochemical parameters:

- Total Iron and Dissolved Iron by USEPA Method 610
- Nitrate, Sulfate and Sulfide by USEPA Method 300
- Total Organic Carbon (TOC)
- Methane, Ethane, and Ethylene

Representative groundwater samples were placed in pre-cleaned laboratory provided sample bottles, placed on ice, cooled to 4ºC in the field, and transported under chain-of-custody command to Phoenix Environmental Laboratories, Inc. for analysis of TOC. Phoenix subcontracted York Laboratories of Queens NY, for analysis of VOCs and metals, and Hampton Clark-Veritech of Fairfield, New Jersey for analysis of Methane, Ethane and Ethylene.

The complete Round 1 groundwater analytical results are summarized in **Table 6**. Targeted compounds with exceedances of the NYSDEC TOGS Class GA Groundwater Standards and Guidance Values are summarized below:

Well No.	Target Compound	NYSDEC TOGS Criteria (ug/L)	Result (ug/L)
MW-1	No Exceedances	N/A	N/A
MW-2	No Exceedances	N/A	N/A
MW-3	Chloroform	7	60.7
	Tetrachloroethylene	5	5.39
MW-4s	No Exceedances	N/A	N/A
MW-4i	No Exceedances	N/A	N/A
MW-5	No Exceedances	N/A	N/A
MW-7s	Tetrachloroethylene	5	8.65
MW-7i	Tetrachloroethylene	5	6.79
MW-8s	No Exceedances	N/A	N/A
MW-8i	Tetrachloroethylene	5	14.9
MW-9s	No Exceedances	N/A	N/A
MW-9i	Chloroform	7	8.61
MW-10	No Exceedances	N/A	N/A
MW-11	Chloroform	7	67.6
	Tetrachloroethylene	5	6.89

Geochemical Parameters

On July 13, and July 14, 2022, 8 groundwater samples were collected from monitoring wells MW-1, MW-7S, MW-7I, MW-8S, MW-8I, MW-9S, MW-9I and MW-10 for analysis of geochemical parameters. The Round 1 partial geochemical analysis results are included in **Table 6**. The complete results are included in the analytical report (Appendix 2) and are summarized below.

Summary of Round 1 Geochemical Analysis:

Well No.	Iron (mg/L)		Nitrate (mg/L)	Sulfate (mg/L)	Sulfide (mg/L)	TOC (mg/L)	Volatile Gasses (ug/L)		
	Total	Dissolved					Methane	Ethane	Ethylene
MW-1	0.89	ND	17.5	39.4	ND	9.8	NT	NT	NT
MW-7S	4.44	1.18	0.0908	5.94	ND	11.3	5.1	ND	ND
MW-7I	2.33	0.319	ND	26.4	2	69	ND	ND	ND
MW-8S	0.985	0.576	0.741	ND	1.2	ND	ND	ND	ND
MW-8I	1.62	ND	0.222	30.0	ND	2.70	ND	ND	ND
MW-9S	3.25	2.52	0.560	ND	1.2	1.3	7.0	ND	ND
MW-9I	0.932	ND	1.47	34.5	ND	2.3	ND	ND	ND
MW-10	2.49	ND	3.73	54.2	1.2	17.1	3.8	ND	ND

Referring to the table above, Total Iron ranged from 0.89 mg/L in MW-1 to 4.44 mg/L in MW-4S. Dissolved iron was detected in MW-7S, MW-7I, MW-8S and MW-9S in concentrations ranging from 0.319 mg/L (MW-7I) to 2.52 mg/L (MW-9S). Dissolved iron was not detected in MW-1, MW-8I, MW-9I and MW-10. Nitrate was detected in MW-1, MW-7S and MW-8S through MW-10 in concentrations ranging from 0.0908 mg/L (MW-7S) to 3.73 mg/L (MW-10). Nitrate was not detected in MW-7I. Sulfate was detected in MW-1, MW-7S, MW-7I, MW-8I, MW-9I and MW-10 in concentrations ranging from 5.94 mg/L (MW-7S) to 54.2 mg/L (MW-10). Sulfate was not detected in MW-8S and MW-9S. Sulfide was detected in MW-7I (2 mg/L), MW-8S (1.2 mg/L), MW-9S (1.2 mg/L) and MW-10 (1.2 mg/L). Sulfide was not detected in MW-1, MW-7S, MW-8I, and MW-9I. TOC was detected in all wells tested with the exception of MW-8S, ranging from 1.3 mg/L (MW-9S) to 69 mg/L (MW-7I). TOC was not detected in MW-8S. Regarding volatile gases, methane was detected in MW-7S (5.1 ug/L), MW-9S (7.0 ug/L) and MW-10 (3.8 ug/L). Methane was not detected in any of the other wells tested. Ethane and ethylene were not detected in any of the wells tested.

Round 2 Post-Treatment Groundwater Sampling

On October 19 and 21, 2022, eight (8) groundwater samples, including one (1) duplicate sample, one (1) trip blank and one (1) field blank were collected from monitoring wells MW-1, MW-7S, MW-7I, MW-8S, MW-8I, MW-9S, MW-9I and MW-10. The previously sampled wells not included in this sampling event were destroyed, or rendered unusable, during demolition and foundation preparation work. The samples were analyzed for:

- VOCs plus Tentatively Identified Compounds (TICs) by USEPA methods 8260/5035

Selected monitoring wells were also analyzed for the following geochemical parameters:

- Total Iron and Dissolved Iron by USEPA Method 610
- Nitrate, Sulfate and Sulfide by USEPA Method 300
- Total Organic Carbon (TOC)
- Methane, Ethane, and Ethylene

Representative groundwater samples were placed in pre-cleaned laboratory provided sample bottles, placed on ice, cooled to 4ºC in the field, and transported under chain-of-custody command to Phoenix for analysis of TOC. Phoenix subcontracted York for analysis of VOCs and metals, Methane, Ethane and Ethylene. The laboratory analysis report of results is included in Appendix 2.

The complete Round 2 groundwater analytical results are summarized in **Table 6**. Targeted compounds with exceedances of the NYSDEC TOGS Class GA Groundwater Standards and Guidance Values are summarized below:

Well No.	Target Compound	NYSDEC TOGS Criteria (ug/L)	Result (ug/L)
MW-1	No Exceedances	N/A	N/A
MW-7s	No Exceedances	N/A	N/A
MW-7i	Tetrachloroethylene	5	5.22
MW-8s	No Exceedances	N/A	N/A
MW-8i	No Exceedances	N/A	N/A
MW-9s	No Exceedances	N/A	N/A
MW-9i	No Exceedances	N/A	N/A
MW-10	Tetrachloroethylene	5	12.1

Geochemical Parameters

On October 19, and October 21, 2022, 8 groundwater samples were collected from monitoring wells MW-1, MW-7S, MW-7I, MW-8S, MW-8I, MW-9S, MW-9I and MW-10 for analysis of geochemical parameters. The Round 2 partial geochemical analysis is included in **Table 6.** The complete results are included in the analytical report (Appendix 2) and are summarized below.

Summary of Round 2 Geochemical Analysis:

Well No.	Iron (mg/L)		Nitrate (mg/L)	Sulfate (mg/L)	Sulfide (mg/L)	TOC (mg/L)	Volatile Gasses (ug/L)		
	Total	Dissolved					Methane	Ethane	Ethylene
MW-1	ND	ND	16.4	60.7	ND	ND	ND	ND	ND
MW-7S	ND	ND	3.34	109	1.6	ND	ND	ND	ND
MW-7I	6.9	ND	0.153	21	ND	8.9	ND	ND	ND
MW-8S	0.318	ND	2.84	150	ND	ND	ND	ND	ND
MW-8I	1.25	ND	2.23	120	1.6	1.7	ND	ND	ND
MW-9S	0.612	0.397	2.07	157	ND	ND	21.0	ND	ND
MW-9I	1.63	ND	2.83	46.8	ND	3.4	ND	ND	ND
MW-10	0.325	ND	2,28	32.1	ND	1.8	ND	ND	ND

Referring to the table above, Total Iron ranged from 0.318 mg/L in MW-8S to 6.9 mg/L in MW-7I. Total Iron was not detected in MW-1 and MW-7S. Dissolved iron was detected in MW-9S at a concentration of 0.397 mg/L. Dissolved iron was not detected in MW-1, MW-7S, MW-7I, MW-8S, MW-8I, MW-9I and MW-10. Nitrate was detected in all

wells tested, ranging from 0.153 mg/L in MW-7I to 16.4 mg/L in MW-1. Sulfate was detected in all wells tested, ranging from 21 mg/L in MW-7I to 157 mg/L in MW-9S. Sulfide was detected in MW-7S and MW-I at a concentration of 1.6 mg/L. Sulfide was not detected in any of the other wells tested. TOC was detected in MW-7I, MW-8I, MW-9I and MW-10 at concentrations ranging from 1.7 mg/L (MW-8I) to 8.9 mg/L (MW-7I). TOC was not detected in any of the other wells tested. The volatile gas methane was detected in MW-9S at a concentration of 21 ug/L. Methane was not detected in any of the other wells tested. Ethane and ethylene were not detected in any of the wells tested in Round 2.

SOIL VAPOR SCREENING EVALUATION

Consistent with the scope of work objectives described in the introduction, this Work Plan focuses on updating the available soil vapor analytical data generated from the 2020 and 2021 soil vapor data following hot-spot removal and groundwater treatment. To meet this objective, a supplemental evaluation will be conducted through the collection of soil vapor samples from locations (i.e., SV-1 through SV-5) at depths as those previously collected and at recently installed sub-slab vapor monitor (i.e., SS-1 through SS-9).

Previous Soil Vapor Investigation

Soil vapor sampling points were installed as part of Impact's 2020 RI and 2021 RI. The locations of the soil vapor sampling points are included on **Figure 3**.

Vapor points designated SV-1 through SV-6 were installed as part of the IEEG 2020 investigation to obtain areal coverage of the Site. Six (6) additional soil vapor sampling points designated SV-7 through SV-12 were installed during the 2021 RI to investigate potential source areas. The sample locations chosen were focused on southern property boundary and at potential source facility locations bordering the Site as follows:

- **SV-7:** Located proximal to the adjoining drycleaners, on the south side of the Site (Lot 5).
- **SV-8:** Located along the northern portion of Lot 5, approximately 10-feet off the northeast corner of the existing building.
- **SV-9:** Located on the eastern portion of Lot 6.
- **SV-10:** Located in the northwest portion of the former carwash building on Lot 9.
- **SV-11:** Located in the central portion of the former carwash building on Lot 9.
- **SV-12:** Located in the northeast portion of the former carwash building on Lot 9.

The soil vapor implants were advanced to a depth of between 3 and 5 fbg to prevent damage to potential unknown underground utilities. The soil vapor points were installed to a terminal depth of either 3 or 5 fbg, depending on the relative elevation of the portion of the Site, and which is relative to proposed excavation depths associated with potential subsurface redevelopment activities of the Site. The samples were collected over a period of approximately 2-hours. Soil vapor samples were submitted to Alpha laboratory for laboratory analysis of VOCs via EPA Method TO-15. The soil vapor sample results are provided in **Table 7a** and **Table 7b.** Soil Vapor Exceedances are summarized below.

Vapor Point No.	Target Compound	NYSDOH Vapor Criteria (ug/m3)	Result (ug/m3)
SV-1	Tetrachloroethylene	100	15,800
SV-2	Tetrachloroethylene	100	1,040
SV-3	Tetrachloroethylene	100	129
SV-4	No Exceedances	N/A	N/A
SV-5	Tetrachloroethylene	100	113
SV-6	Tetrachloroethylene	100	1,050
SV-7	cis-1,2-dichloroethene	6	706
	Trichloroethene	6	1,460
	Tetrachloroethylene	100	271,000
SV-8	No Exceedances	N/A	N/A
SV-9	Tetrachloroethylene	100	260
SV-10	Tetrachloroethylene	100	1,000
SV-11	No Exceedances	N/A	N/A
SV-12	Tetrachloroethylene	100	239

Post-Remedy Groundwater Data Evaluation

The PRB was designed to remediate CVOCs by enhancing reductive de-chlorination processes in groundwater. According to the EPA, reductive de-chlorination of CVOCs occurs as electron- donor/electron receptor relationships under anaerobic conditions with hydrogen as the primary electron donor, supplied by organic substrate, and the C-VOCs as the electron acceptors. The process results in the chemical reduction of organic and inorganic compounds. This includes the reduction of Fe^3 to Fe^2, SO^4 radical to h_2S, nitrate to nitrite and the breakdown of PCE into daughter products cis-1,2 DCE, TCE and vinyl chloride. The reaction also may go to methanogenesis at the source, resulting in increased dissolved concentrations of methane. Compounds may form a series of "chemical footprints" surrounding the C-VOC source which radiate outward in the downgradient direction. These include, at increasing distance from the source, methanogenesis, sulfate reduction, iron reduction, manganese reduction, nitrate reduction, and finally, aerobic respiration as oxygen is converted to carbon dioxide and water.

Post-remedial monitoring of the groundwater for these inorganic and organic compounds was conducted in two (2) rounds to assess immediate response to the PRB and longer-term effectiveness. Based on the EPA conceptual model described above and following the conceptual model presented in the 2021 RI prepared by IEEG, the preliminary results indicate that PCE, its daughter products and chloroform have been degraded by the remediation. Iron and sulfate reduction and methanogenesis were evidenced in Round 1. Continued reductive processes and increase oxidation evidenced by increased sulfate and nitrate were identified in Round 2 with an overall decrease in total organic carbon. Based on the Round 2 results, successful breakdown of PCE, its daughter products and reduction in chloroform has occurred to below the regulatory criteria with exception of MW-10 and MW-7I. MW-7I contained PCE at a concentration which marginally exceeds the regulatory criteria of 5 ug/L. MW-10 contained an anomalous

concentration of PCE from Round 2 which suggests a possible lab or sample preparation error. All other wells tested have current concentrations below the regulatory standards for the tested compounds.

Proposed Sampling Approach and Methodology

To evaluate current VOC concentrations in soil vapor, a soil vapor sampling is proposed to measure concentrations of VOCs at the sub-slab interior of the building and exterior downgradient locations from the PRB on the southern portion of the Site. Subsurface soil vapor is indicated by the previous relatively high concentrations of PCE and its daughter products in SV-7, PCE in SV-1, SV-2, SV-6, and SV-10 and the relatively lower concentrations exceeding the NYSDOH criteria in SV-3, SV-5, SV-9, and SV-12 (Refer to Soil Vapor Exceedance Map - Figure 6). The proposed vapor sampling locations are depicted in **Figure 5**.

- **Soil Vapor Implants**: At each location, IEEG will install a temporary soil vapor sampling point using a Geoprobe® direct push drill rig and the Geoprobe® PRT System. The PRT System allows for the collection of soil vapor samples at the desired sampling depth while significantly reducing the chances of rod leakage and ambient air contamination. O-ring connections enable the PRT System to deliver a vacuum-tight seal that prevents sample contamination from ambient air and assures that the sample is taken from the desired depth at the bottom of the boring. A tracer gas (i.e., helium) test will be conducted at each of the soil boring locations to check the seal established around the temporary soil vapor sampling point.

  A temporary soil vapor sampling point consisting of 1.25-inch diameter steel drive rods will be advanced to a depth approximately seven (7) feet bgs. An expendable PRT System point holder and expendable PRT System point will be affixed at the downhole end of the rods. Once the desired sample depth is reached, the sampling assembly will be retracted approximately 6 inches, allowing the expendable point to disengage from the rods, and creating a void in the subsurface for soil vapor sample collection. A bentonite seal will be placed around the outside of the rods at the ground surface. Teflon®-lined tubing and a PRT adapter will then be inserted down the center of the rods. The system is airtight and the potential for rod leakage is significantly reduced using O-ring connections. New Teflon®-lined tubing will be used at each sample location.

- **Sub-Slab Vapor Points**: Existing sub-slab vacuum monitoring points will be used to collect four (4) sub-slab soil vapor samples from beneath the building. The sub-slab points were previously installed in April 2023 using a hand-held hammer drill. A ⅜-inch core hole was advanced through the concrete slab and approximately 3 inches into the sub-slab material to create an open cavity. New Vapor-Pin® sampling points were inserted into the concrete slab at each sample location, approximately 1 inch above the sub-slab material.

The soil vapor samples will be collected in batch certified, pre-cleaned 6-liter Summa® canisters provided by Alpha Analytical, a NYSDOH approved laboratory, located in Westborough, Massachusetts. All samples will be analyzed for the TO-15 compound list by USEPA Method TO-15.

Prior to sampling, a portable vacuum pump will be used to purge at least 1.5 volumes of air from the temporary soil vapor or sub-slab sampling points and tubing at a rate of approximately 100 to 200 mL/min. A laboratory pre-calibrated 0.5-hour flow controller (i.e., calibrated to collect the soil vapor sample at a rate of less than 200 mL/min) with an in-line particulate filter will be attached to the Summa® canister. Following purging, the tubing will be connected to the flow controller and the Summa® canister. The Summa® canister valve will be opened, the sample start time and initial vacuum will be recorded, and the soil vapor sample will be collected. The Summa® canister vacuum and sample time duration will be monitored during sampling and the Summa® canister valve will be closed when the vacuum is between 2 and 5 inches of mercury (Hg). The sample end time and final vacuum will be recorded. Weather-related data such as barometric pressure and wind speed will also be recorded. The Summa® canisters will then be submitted to Alpha Analytical for analysis.

A duplicate soil vapor sample will be collected at the SV-3 location, as had been done during the 2021 sampling event. The duplicate sample will be collected at the same time as the SV-3 sample using a stainless steel “T” fitting, a second Summa® canister, and the procedures described above.

DATA EVALUATION AND REPORTING

The soil vapor sample analytical results will be evaluated in accordance with the technical guidance provided in the NYSDOH October 2006 Final Guidance for Evaluating Soil Vapor Intrusion in the State of New York (NYSDOH 2006). As discussed in the NYSDOH Guidance, New York State currently does not have any standards, criteria or guidance values for concentrations of VOCs in soil vapor. In the absence of this information, soil vapor sampling results are reviewed "as a whole" in conjunction with the results of other environmental sampling and the Conceptual Site Model (CSM) to identify trends and spatial variations in the data. The soil vapor analytical results will be tabulated, compared with the 2020 and 2021 soil vapor analytical results, and used to characterize the nature and extent of post-remediation subsurface vapor contamination to determine if the Soil Vapor Extraction (SVE) is still an appropriate remedial requirement.

A summary report will be prepared that describes the sampling methodology, analytical results and data evaluation, and significant findings associated with present-day conditions.

CERTIFICATION

I, Kevin Kleaka, certify that I am a Qualified Environmental Professional as defined in 6 NYCRR Part 375 and that this Remedial Investigation Work Plan was prepared in accordance with applicable statues and regulations and in substantial conformance with the DER Technical Guidance for Site Investigation and Remediation (DER-10).

Kevin Kleaka	6/13/23	
Name	**Date**	**Signature**

FIGURES, TABLES and APPENDICES:

FIGURES

LEGEND

- SOIL BORING LOCATION
- APPROXIMATE PROPERTY LINE

PROJECT NORTH

0' 30' 60'

NOTES:

.....

SITE PLAN WITH PROPOSED DEVELOPMENT

13-12 to 13-24
Beach Channel Drive
Queens, New York

Figure 1

PROJECT NO.	15209-01
DESIGNED BY:	LR
DRAWN BY:	AB
CHECKED BY:	GMC
DATE:	12/3/2021
SCALE:	1" = 30'

REVISIONS

IMPACT ENVIRONMENTAL CLOSURES, INC.

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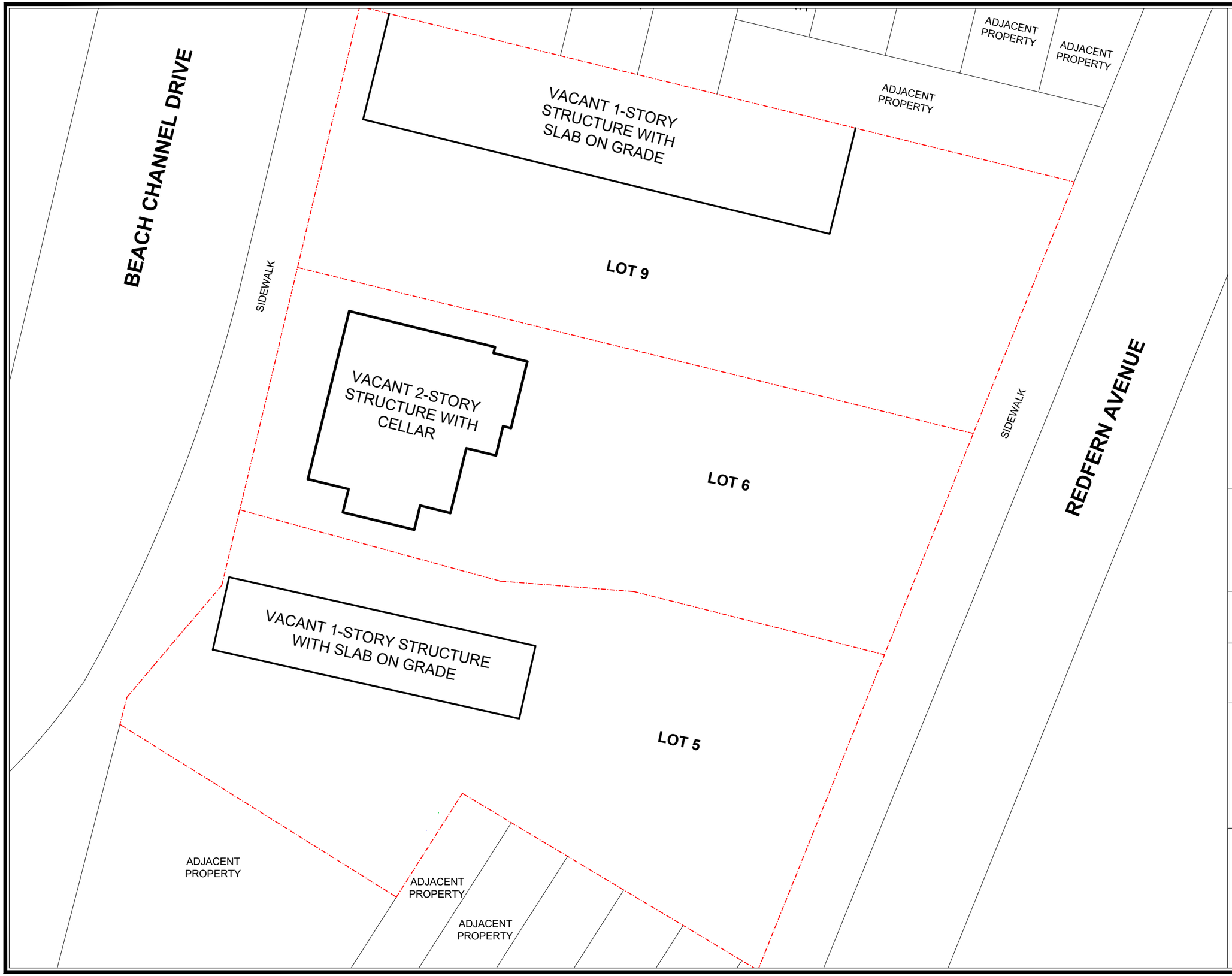

LEGEND

APPROXIMATE PROPERTY LINE

PROJECT NORTH

0' 25' 50'

NOTES:

Pre-Construction Site Plan

13-12 to 13-24
Beach Channel Drive
Queens, New York

Figure 2

PROJECT NO.	15209-01
DESIGNED BY:	LR
DRAWN BY:	AB
CHECKED BY:	GMC
DATE:	10/22/2021
SCALE:	SEE SCALE BAR

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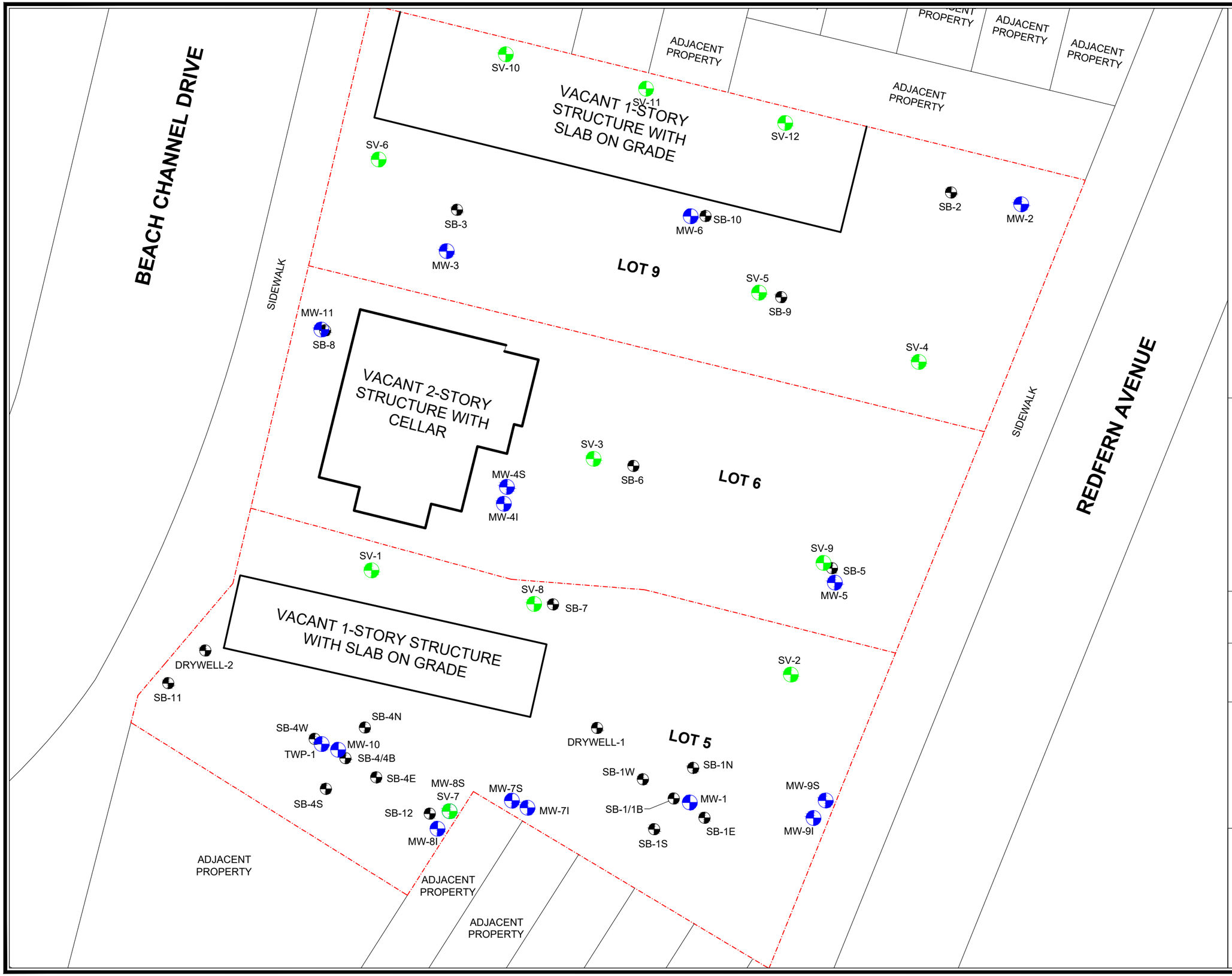

LEGEND

- SOIL SAMPLE LOCATION
- GROUNDWATER SAMPLE LOCATION
- SOIL VAPOR SAMPLE LOCATION
- APPROXIMATE PROPERTY LINE

PROJECT NORTH

0' 25' 50'

NOTES:

1. SOIL BORINGS SB-1, SB-1A, SB-2, SB-3, SB-4 SB-5 & SB-6, MONITORING WELLS MW-1 TO MW-3 AND SOIL VAPOR POINTS SV-1 TO SV-6 WERE COLLECTED DURING IEC 202 RIR . THE REMAINDER OF THE SAMPLES WERE COLLECTED DURING THE IEC 2021 RIR.
2. MONITORING WELLS WERE SURVEYED BY IEC ON SEPTEMBER 28, 2021.
3. ALL SAMPLE LOCATIONS GPS CAN BE FOUND ON .....

SAMPLE LOCATION PLAN

13-12 to 13-24
Beach Channel Drive
Queens, New York

Figure 3:

PROJECT NO.	15209-01
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DRAWN BY:	AB
CHECKED BY:	GMC
DATE:	10/22/2021
SCALE:	SEE SCALE BAR

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BEACH CHANNEL DRIVE

SIDEWALK

REDFERN AVENUE

SIDEWALK

SEE DETAIL 1

SEE DETAIL 2

SEE DETAIL 5

SEE LANDSCAPE DRAWINGS

SEE FS DRAWINGS FOR KITCHEN DETAILS

PROVIDE BAGGING COMPACTOR UNIT COMPACTORS INC., MODEL TA700BSS OR SIMILAR

PROVIDE WALK-IN EQUIPMENT ENCLOSURE AND DOORS PER SPECIFICATION

PROVIDE ROLL-DOWN STEEL DOOR AT SERVING WINDOW AND TRAY DROP WINDOW

RECESSED WALK-OFF MAT, DRAIN TO BE PROVIDED

RECESSED WALK-OFF MAT, DRAIN TO BE PROVIDED

4" PAD PER ELECTRICAL DRAWING

6" PAD PER PLUMBING DRAWING

TRASH 148 SF
FACILITY MANAGER 126 SF
FOOD SERVICE & COORD 120 SF
DRY STORAGE 123 SF
WALK-IN REF 95 SF
WALK-IN FREEZER 90 SF
CORRIDOR 259 SF
FACILITIES MAINTENANCE 211 SF
CHANGING 41 SF
STORAGE 98 SF
STAFF LAUNDRY 104 SF
KITCHEN 916 SF
LPN HC COORD 101 SF
SOCIAL WORK 95 SF
PSYCH NP'S 165 SF
THERAPIST 127 SF
RN SUPERVISOR 168 SF
STAIR B 167 SF
CORRIDOR 177 SF
ASST. PROGRAM DIRECTOR 175 SF
INTERVIEW 96 SF
SECURITY 155 SF
INTAKE 132 SF
MEETING ROOM 183 SF
STORAGE 158 SF
STAIR C 94 SF
COMM RELATIONS SPECIALIST 131 SF
TECH CHECK-IN 138 SF
SHIFT SUPERVISORS 153 SF
COUNTER DESK SERVICES 744 SF
DINING ROOM 1,286 SF
CORRIDOR 155 SF
ADMIN 257 SF
TOILET 52 SF
ACT. SPECIALIST 101 SF
FILE STORAGE 70 SF
CLINICAL COORDINATOR 106 SF
MEETING ROOM 159 SF
CASE MANAGEMENT 604 SF
CLINICAL COORD. 101 SF
OPERATIONS COORDINATOR 121 SF
HOUSING SPECIALISTS 737 SF
HOUSING RETENTION 147 SF
ELEC 169 SF
COMPACTOR 119 SF
IT 64 SF
PROGRAM DIRECTOR 162 SF
STAIR A 94 SF
TOILET 53 SF
LOBBY 648 SF
MANAGEMENT OFFICE 170 SF
BICYCLE STORAGE 338 SF
STORAGE 145 SF
STORAGE 145 SF
COMMUNITY FACILITY 1,094 SF
ELECTRICAL 605 SF
IT 97 SF
WATER / FIRE PUMP 433 SF
ATS 331 SF
SUPER'S OFFICE 331 SF
FUEL TANK 168 SF
STAIR D 185 SF

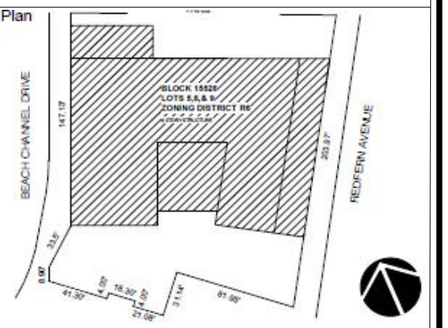
PROJECT NORTH

0' 20' 40'

LEGEND

- APPROXIMATE PROPERTY LINE
- PVE-1 — PROPOSED VAPOR EXTRACTION PIT WITH 4" Ø VERTICAL RISER (TO 1ST FLOOR CEILING)
- PROPOSED 4" Ø RISER TO ROOF
- PROPOSED VACUUM MONITORING POINT
- PROPOSED SSDS OVERHEAD PIPING (1ST FLOOR CEILING)
- 0.5% MIN. SLOPE OF PIPE TOWARD VERTICAL EXTRACTION RISER TO DRAIN CONDENSATE TO SUB-SLAB
- Relocated VMP
- Mat Slab Locations

Plot Plan
NTS



SSD System
Sub-slab and First Floor Layout

13-12 to 13-24
Beach Channel Drive
Queens, New York

Figure 4a

PROJECT NO.	15209-01
DESIGNED BY:	LR
DRAWN BY:	AB
CHECKED BY:	GMC
DATE:	12/3/2021
SCALE:	1" = 20'

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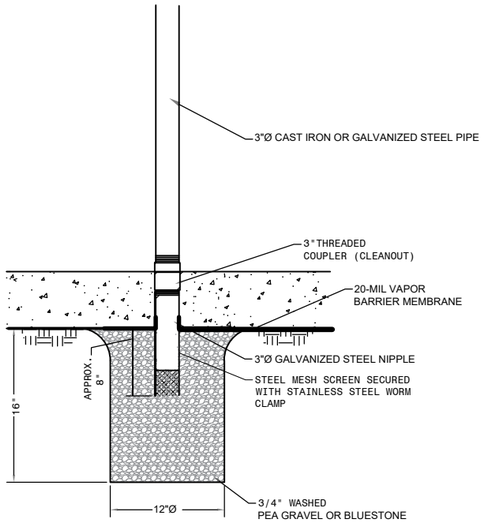
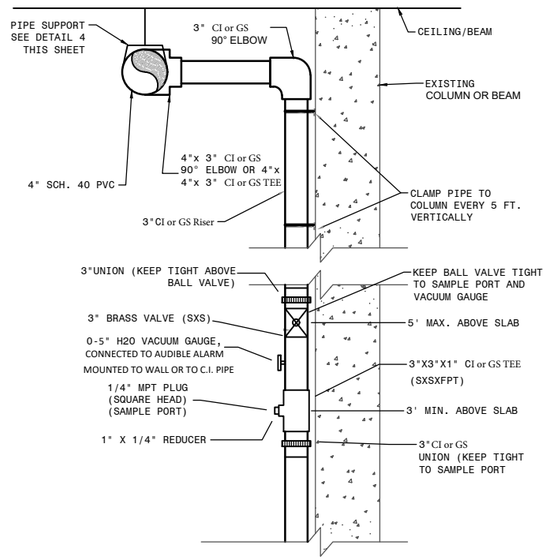
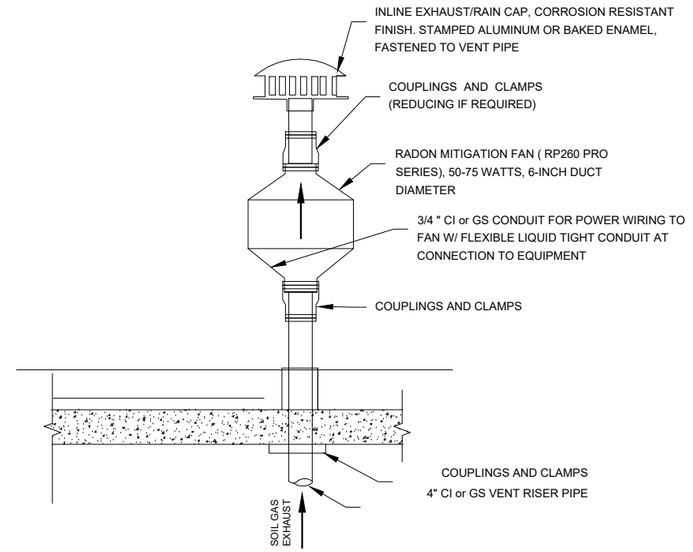


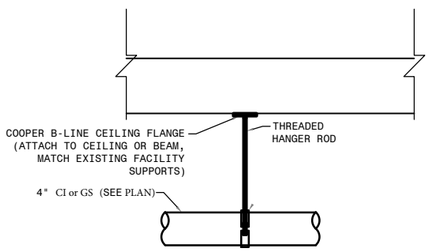
1 TYPICAL SSD EXTRACTION PIT DETAIL
SCALE: N.T.S.



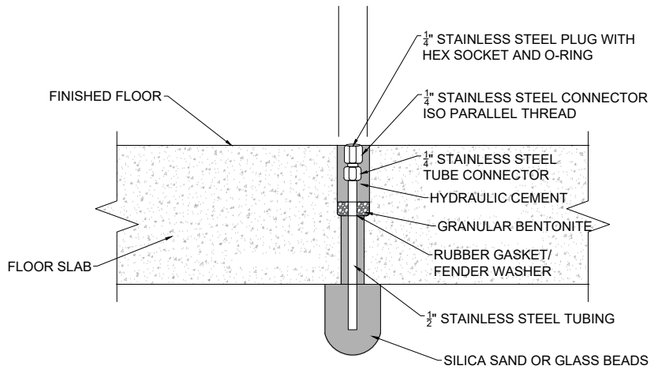
2 TYPICAL EXTRACTION RISER
SCALE: N.T.S.



3 ROOF TOP EQUIPMENT
SCALE: N.T.S.



4 HANGING PIPE SUPPORT
SCALE: N.T.S.



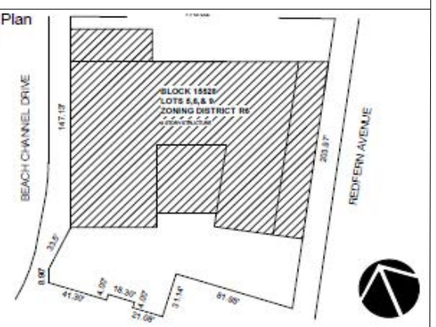
5 VAPOR MONITORING POINT
SCALE: N.T.S.

NOTES:
1. HORIZONTAL PIPING SHALL BE SUPPORTED A MINIMUM OF EVERY 10 FEET.
2. HORIZONTAL PIPING SHALL BE INSTALLED WITH 0.5% SLOPE TO FACILITATE DRAINAGE OF CONDENSATE.

LEGEND

BCP #C241254

Plot Plan
NTS



SUB-SLAB DEPRESSURIZATION SYSTEM DETAIL

13-12 to 13-24
Beach Channel Drive
Queens, New York

Plate No: 4b

PROJECT NO.	15209-01
DESIGNED BY:	LR
DRAWN BY:	AB
CHECKED BY:	GMC
DATE:	12/3/2021
SCALE:	1" = 20'

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LEGEND

- Proposed Sub-Slab Soil Vapor Point
- SITE BOUNDARY
- PROPOSED SV Point

PROJECT NORTH

0' 30' 60'

NOTES:

PROPOSED SOIL VAPOR MONITORING POINT LOCATIONS

13-12 to 13-24
Beach Channel Drive
Queens, New York

Figure 5

PROJECT NO.	15209-01
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DATE:	12/3/2021
SCALE:	1" = 30'

REVISIONS

BCP #C241254

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LEGEND

- SOIL VAPOR SAMPLE LOCATION
- APPROXIMATE PROPERTY LINE

PROJECT NORTH

0' 50' 100'

Analyte	NYSDOH Decision Matrix Minimum Concentration
Tetrachloroethene	**100**
Trichloroethene	**6**
cis-1,2-Dichloroethene	**6**
Vinyl Chloride	**6**

NOTES:

1. RESULTS ARE REPORTED IN MICROGRAMS PER CUBIC METER (µg/m3)
2. BOLD VALUES INDICATE EXCEEDANCE OF NYSDOH DECISION MATRIX MINIMUM CONCENTRATIONS

SOIL VAPOR SAMPLE ANALYTICAL RESULTS MAP

13-12 to 13-24
Beach Channel Drive
Queens, New York

Figure 6:

PROJECT NO.	15209-01
DESIGNED BY:	LR
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TABLES

Table 1

Stockpile #1 Analytical Results

13-16 Beach Channel Drive, Far Rockaway, NY

Sample ID York ID Sampling Date Client Matrix		NYSDEC Part 375 Unrestricted Use Soil Cleanup Objectives	NYSDEC Part 375 Restricted Use Soil Cleanup Objectives-Residential	NYSDEC Part 375 Restricted Use Soil Cleanup Objectives - Restricted Residential	NYSDEC Part 375 Restricted Use Soil Cleanup Objectives-Commercial	SP-1 22J1279-01 10/24/2022 2:45:00 PM Soil		SP-2 22J1279-02 10/24/2022 2:50:00 PM Soil		SP-COMP 22J1279-03 10/24/2022 2:55:00 PM Soil	
Compound	**CAS Number**					Result	Q	Result	Q	Result	Q
VOA, 8260 MASTER		mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg		mg/Kg			
Dilution Factor						1		1			
1,1,1-Trichloroethane	71-55-6	0.68	100	100	500	0.00260	U	0.00240	U	NT	
1,1-Dichloroethane	75-34-3	0.27	19	26	240	0.00260	U	0.00240	U	NT	
1,1-Dichloroethylene	75-35-4	0.33	100	100	500	0.00260	U	0.00240	U	NT	
1,2,4-Trimethylbenzene	95-63-6	3.6	47	52	190	0.00260	U	0.00240	U	NT	
1,2-Dichlorobenzene	95-50-1	1.1	100	100	500	0.00260	U	0.00240	U	NT	
1,2-Dichloroethane	107-06-2	0.02	2.3	3.1	30	0.00260	U	0.00240	U	NT	
1,3,5-Trimethylbenzene	108-67-8	8.4	47	52	190	0.00260	U	0.00240	U	NT	
1,3-Dichlorobenzene	541-73-1	2.4	17	49	280	0.00260	U	0.00240	U	NT	
1,4-Dichlorobenzene	106-46-7	1.8	9.8	13	130	0.00260	U	0.00240	U	NT	
1,4-Dioxane	123-91-1	0.1	9.8	13	130	0.0510	U	0.0480	U	NT	
2-Butanone	78-93-3	0.12	100	100	500	0.00260	U	0.00240	U	NT	
Acetone	67-64-1	0.05	100	100	500	0.00510	U	0.00480	J	NT	
Benzene	71-43-2	0.06	2.9	4.8	44	0.00260	U	0.00240	U	NT	
Carbon tetrachloride	56-23-5	0.76	1.4	2.4	22	0.00260	U	0.00240	U	NT	
Chlorobenzene	108-90-7	1.1	100	100	500	0.00260	U	0.00240	U	NT	
Chloroform	67-66-3	0.37	10	49	350	0.00260	U	0.00240	U	NT	
cis-1,2-Dichloroethylene	156-59-2	0.25	59	100	500	0.00260	U	0.00240	U	NT	
Ethyl Benzene	100-41-4	1	30	41	390	0.00260	U	0.00240	U	NT	
Methyl tert-butyl ether (MTBE)	1634-04-4	0.93	62	100	500	0.00260	U	0.00240	U	NT	
Methylene chloride	75-09-2	0.05	51	100	500	0.0230	B	0.0310	B	NT	
Naphthalene	91-20-3	12	100	100	500	0.00260	U	0.00240	U	NT	
n-Butylbenzene	104-51-8	12	100	100	500	0.00260	U	0.00240	U	NT	
n-Propylbenzene	103-65-1	3.9	100	100	500	0.00260	U	0.00240	U	NT	
o-Xylene	95-47-6	~	~	~	~	0.00260	U	0.00240	U	NT	
p- & m- Xylenes	179601-23-1	~	~	~	~	0.00510	U	0.00480	U	NT	
sec-Butylbenzene	135-98-8	11	100	100	500	0.00260	U	0.00240	U	NT	
tert-Butylbenzene	98-06-6	5.9	100	100	500	0.00260	U	0.00240	U	NT	
Tetrachloroethylene	127-18-4	1.3	5.5	19	150	0.00260	U	0.00240	U	NT	
Toluene	108-88-3	0.7	100	100	500	0.00260	U	0.00240	U	NT	
trans-1,2-Dichloroethylene	156-60-5	0.19	100	100	500	0.00260	U	0.00240	U	NT	
Trichloroethylene	79-01-6	0.47	10	21	200	0.00260	U	0.00240	U	NT	
Vinyl Chloride	75-01-4	0.02	0.21	0.9	13	0.00260	U	0.00240	U	NT	
Xylenes, Total	1330-20-7	0.26	100	100	500	0.00770	U	0.00720	U	NT	
SVOA, 8270 MASTER		mg/Kg	mg/Kg	mg/Kg	mg/Kg					mg/Kg	
Dilution Factor										2	
2-Methylphenol	95-48-7	0.33	100	100	500	NT		NT		0.0434	U
3- & 4-Methylphenols	65794-96-9	0.33	34	100	500	NT		NT		0.0434	U
Acenaphthene	83-32-9	20	100	100	500	NT		NT		0.0434	U
Acenaphthylene	208-96-8	100	100	100	500	NT		NT		0.0434	U
Anthracene	120-12-7	100	100	100	500	NT		NT		0.0434	U
Benzo(a)anthracene	56-55-3	1	1	1	5.6	NT		NT		0.0434	U
Benzo(a)pyrene	50-32-8	1	1	1	1	NT		NT		0.0434	U
Benzo(b)fluoranthene	205-99-2	1	1	1	5.6	NT		NT		0.0434	U
Benzo(g,h,i)perylene	191-24-2	100	100	100	500	NT		NT		0.0434	U
Benzo(k)fluoranthene	207-08-9	0.8	1	3.9	56	NT		NT		0.0434	U
Chrysene	218-01-9	1	1	3.9	56	NT		NT		0.0434	U
Dibenzo(a,h)anthracene	53-70-3	0.33	0.33	0.33	0.56	NT		NT		0.0434	U
Dibenzofuran	132-64-9	7	14	59	350	NT		NT		0.0434	U
Fluoranthene	206-44-0	100	100	100	500	NT		NT		0.0434	U
Fluorene	86-73-7	30	100	100	500	NT		NT		0.0434	U
Hexachlorobenzene	118-74-1	0.33	0.33	1.2	6	NT		NT		0.0434	U
Indeno(1,2,3-cd)pyrene	193-39-5	0.5	0.5	0.5	5.6	NT		NT		0.0434	U
Naphthalene	91-20-3	12	100	100	500	NT		NT		0.0434	U
Pentachlorophenol	87-86-5	0.8	2.4	6.7	6.7	NT		NT		0.0434	U
Phenanthrene	85-01-8	100	100	100	500	NT		NT		0.0434	U
Phenol	108-95-2	0.33	100	100	500	NT		NT		0.0434	U
Pyrene	129-00-0	100	100	100	500	NT		NT		0.0477	JD
PEST, 8081 MASTER		mg/Kg	mg/Kg	mg/Kg	mg/Kg					mg/Kg	
Dilution Factor										5	

Table 1

Stockpile #1 Analytical Results
13-16 Beach Channel Drive, Far Rockaway, NY

Sample ID York ID Sampling Date Client Matrix		NYSDEC Part 375 Unrestricted Use Soil Cleanup Objectives	NYSDEC Part 375 Restricted Use Soil Cleanup Objectives-Residential	NYSDEC Part 375 Restricted Use Soil Cleanup Objectives - Restricted Residential	NYSDEC Part 375 Restricted Use Soil Cleanup Objectives-Commercial	SP-1 22J1279-01 10/24/2022 2:45:00 PM Soil		SP-2 22J1279-02 10/24/2022 2:50:00 PM Soil		SP-COMP 22J1279-03 10/24/2022 2:55:00 PM Soil	
Compound	**CAS Number**					Result	Q	Result	Q	Result	Q
4,4'-DDD	72-54-8	0.0033	2.6	13	92	NT		NT		0.00173	U
4,4'-DDE	72-55-9	0.0033	1.8	8.9	62	NT		NT		0.00173	U
4,4'-DDT	50-29-3	0.0033	1.7	7.9	47	NT		NT		0.00173	U
Aldrin	309-00-2	0.005	0.019	0.097	0.68	NT		NT		0.00173	U
alpha-BHC	319-84-6	0.02	0.097	0.48	3.4	NT		NT		0.00173	U
alpha-Chlordane	5103-71-9	0.094	0.91	4.2	24	NT		NT		0.00173	U
beta-BHC	319-85-7	0.036	0.072	0.36	3	NT		NT		0.00173	U
delta-BHC	319-86-8	0.04	100	100	500	NT		NT		0.00173	U
Dieldrin	60-57-1	0.005	0.039	0.2	1.4	NT		NT		0.00173	U
Endosulfan I	959-98-8	2.4	4.8	24	200	NT		NT		0.00173	U
Endosulfan II	33213-65-9	2.4	4.8	24	200	NT		NT		0.00173	U
Endosulfan sulfate	1031-07-8	2.4	4.8	24	200	NT		NT		0.00173	U
Endrin	72-20-8	0.014	2.2	11	89	NT		NT		0.00173	U
gamma-BHC (Lindane)	58-89-9	0.1	0.28	1.3	9.2	NT		NT		0.00173	U
Heptachlor	76-44-8	0.042	0.42	2.1	15	NT		NT		0.00173	U
Metals, NYSDEC Part 375		mg/Kg	mg/Kg	mg/Kg	mg/Kg					mg/Kg	
Dilution Factor										1	
Arsenic	7440-38-2	13	16	16	16	NT		NT		1.790	
Barium	7440-39-3	350	350	400	400	NT		NT		7.720	
Beryllium	7440-41-7	7.2	14	72	590	NT		NT		0.0440	U
Cadmium	7440-43-9	2.5	2.5	4.3	9.3	NT		NT		0.263	U
Chromium	7440-47-3	~	~	~	~	NT		NT		4.040	
Copper	7440-50-8	50	270	270	270	NT		NT		6.690	
Lead	7439-92-1	63	400	400	1000	NT		NT		8.640	
Manganese	7439-96-5	1600	2000	2000	10000	NT		NT		75.100	
Nickel	7440-02-0	30	140	310	310	NT		NT		2	
Selenium	7782-49-2	3.9	36	180	1500	NT		NT		2.190	U
Silver	7440-22-4	2	36	180	1500	NT		NT		0.442	U
Zinc	7440-66-6	109	2200	10000	10000	NT		NT		17.500	
Mercury by 7473		mg/Kg	mg/Kg	mg/Kg	mg/Kg					mg/Kg	
Dilution Factor										1	
Mercury	7439-97-6	0.18	0.81	0.81	2.8	NT		NT		0.0316	U
Chromium, Hexavalent		mg/Kg	mg/Kg	mg/Kg	mg/Kg					mg/Kg	
Dilution Factor										1	
Chromium, Hexavalent	18540-29-9	1	22	110	400	NT		NT		0.526	U
Chromium, Trivalent		mg/Kg	mg/Kg	mg/Kg	mg/Kg					mg/Kg	
Dilution Factor										1	
Chromium, Trivalent	16065-83-1	30	36	180	1500	NT		NT		4.040	
Cyanide, Total		mg/Kg	mg/Kg	mg/Kg	mg/Kg					mg/Kg	
Dilution Factor										1	
Cyanide, total	57-12-5	27	27	27	27	NT		NT		0.526	U
Total Solids						%		%		%	
Dilution Factor						1		1		1	
% Solids	solids	~	~	~	~	95.800		98.500		95.100	
HERB, 8151 MASTER		mg/Kg	mg/Kg	mg/Kg	mg/Kg					mg/Kg	
Dilution Factor										1	
2,4,5-TP (Silvex)	93-72-1	3.8	58	100	500	NT		NT		0.0208	U
PCB, 8082 MASTER		mg/Kg	mg/Kg	mg/Kg	mg/Kg					mg/Kg	
Dilution Factor										1	
Aroclor 1016	12674-11-2	~	~	~	~	NT		NT		0.0175	U
Aroclor 1221	11104-28-2	~	~	~	~	NT		NT		0.0175	U
Aroclor 1232	11141-16-5	~	~	~	~	NT		NT		0.0175	U
Aroclor 1242	53469-21-9	~	~	~	~	NT		NT		0.0175	U
Aroclor 1248	12672-29-6	~	~	~	~	NT		NT		0.0175	U
Aroclor 1254	11097-69-1	~	~	~	~	NT		NT		0.0175	U
Aroclor 1260	11096-82-5	~	~	~	~	NT		NT		0.0175	U
Total PCBs	1336-36-3	0.1	1	1	1	NT		NT		0.0175	U

NOTES:
Any Regulatory Exceedences are color coded by Regulation

Q is the Qualifier Column with definitions as follows:

Table 1

Stockpile #1 Analytical Results

13-16 Beach Channel Drive, Far Rockaway, NY

Sample ID York ID Sampling Date Client Matrix		NYSDEC Part 375 Unrestricted Use Soil Cleanup Objectives	NYSDEC Part 375 Restricted Use Soil Cleanup Objectives-Residential	NYSDEC Part 375 Restricted Use Soil Cleanup Objectives - Restricted Residential	NYSDEC Part 375 Restricted Use Soil Cleanup Objectives-Commercial	SP-1 22J1279-01 10/24/2022 2:45:00 PM Soil		SP-2 22J1279-02 10/24/2022 2:50:00 PM Soil		SP-COMP 22J1279-03 10/24/2022 2:55:00 PM Soil	
Compound	CAS Number					Result	Q	Result	Q	Result	Q

D=result is from an analysis that required a dilution
J=analyte detected at or above the MDL (method detection limit) but below the RL (Reporting Limit) - data is estimated
U=analyte not detected at or above the level indicated
B=analyte found in the analysis batch blank
E=result is estimated and cannot be accurately reported due to levels encountered or interferences
P=this flag is used for pesticide and PCB (Aroclor) target compounds when there is a % difference for detected concentrations that exceed method dictated limits between the two GC columns used for analysis
NT=this indicates the analyte was not a target for this sample
~=this indicates that no regulatory limit has been established for this analyte

Table 2
Hotspot 4 - VOC Analysis Summary
13-16 Beach Channel Drive, Far Rockaway, NY

Sample ID York ID Sampling Date Client Matrix		NYSDEC Part 375 Restricted Use Soil Cleanup Objectives- Protection of GW	NYSDEC Part 375 Unrestricted Use Soil Cleanup Objectives	NYSDEC Part 375 Restricted Use Soil Cleanup Objectives - Restricted Residential	NYSDEC Part 375 Restricted Use Soil Cleanup Objectives- Residential	HS-4-SWE 22K0171-01 11/2/2022 10:50:00 AM Soil		HS-4-SWN 22K0171-02 11/2/2022 11:00:00 AM Soil		HS-4-SWS 22K0171-03 11/2/2022 10:55:00 AM Soil		HS-4-SWW 22K0171-04 11/2/2022 11:30:00 AM Soil		HS-4-EP 22K0171-05 11/2/2022 11:10:00 AM Soil	
Compound	**CAS Number**					Result	Q	Result	Q	Result	Q	Result	Q	Result	Q
VOA, 8260 MASTER		mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg		mg/Kg		mg/Kg		mg/Kg		mg/Kg	
Dilution Factor						1		1		1		1		1	
1,1,1,2-Tetrachloroethane	630-20-6	~	~	~	~	0.00300	U	0.00290	U	0.00290	U	0.00250	U	0.00240	U
1,1,1-Trichloroethane	71-55-6	0.68	0.68	100	100	0.00300	U	0.00290	U	0.00290	U	0.00250	U	0.00240	U
1,1,2,2-Tetrachloroethane	79-34-5	~	~	~	~	0.00300	U	0.00290	U	0.00290	U	0.00250	U	0.00240	U
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	76-13-1	~	~	~	~	0.00300	U	0.00290	U	0.00290	U	0.00250	U	0.00240	U
1,1,2-Trichloroethane	79-00-5	~	~	~	~	0.00300	U	0.00290	U	0.00290	U	0.00250	U	0.00240	U
1,1-Dichloroethane	75-34-3	0.27	0.27	26	19	0.00300	U	0.00290	U	0.00290	U	0.00250	U	0.00240	U
1,1-Dichloroethylene	75-35-4	0.33	0.33	100	100	0.00300	U	0.00290	U	0.00290	U	0.00250	U	0.00240	U
1,1-Dichloropropylene	563-58-6	~	~	~	~	0.00300	U	0.00290	U	0.00290	U	0.00250	U	0.00240	U
1,2,3-Trichlorobenzene	87-61-6	~	~	~	~	0.00300	U	0.00290	U	0.00290	U	0.00250	U	0.00240	U
1,2,3-Trichloropropane	96-18-4	~	~	~	~	0.00300	U	0.00290	U	0.00290	U	0.00250	U	0.00240	U
1,2,4-Trichlorobenzene	120-82-1	~	~	~	~	0.00300	U	0.00290	U	0.00290	U	0.00250	U	0.00240	U
1,2,4-Trimethylbenzene	95-63-6	3.6	3.6	52	47	0.00300	U	0.00290	U	0.00290	U	0.00250	U	0.00240	U
1,2-Dibromo-3-chloropropane	96-12-8	~	~	~	~	0.00300	U	0.00290	U	0.00290	U	0.00250	U	0.00240	U
1,2-Dibromoethane	106-93-4	~	~	~	~	0.00300	U	0.00290	U	0.00290	U	0.00250	U	0.00240	U
1,2-Dichlorobenzene	95-50-1	1.1	1.1	100	100	0.00300	U	0.00290	U	0.00290	U	0.00250	U	0.00240	U
1,2-Dichloroethane	107-06-2	0.02	0.02	3.1	2.3	0.00300	U	0.00340	J	0.00290	U	0.00250	U	0.00240	U
1,2-Dichloropropane	78-87-5	~	~	~	~	0.00300	U	0.00290	U	0.00290	U	0.00250	U	0.00240	U
1,3,5-Trimethylbenzene	108-67-8	8.4	8.4	52	47	0.00300	U	0.00290	U	0.00290	U	0.00250	U	0.00240	U
1,3-Dichlorobenzene	541-73-1	2.4	2.4	49	17	0.00300	U	0.00290	U	0.00290	U	0.00250	U	0.00240	U
1,3-Dichloropropane	142-28-9	~	~	~	~	0.00300	U	0.00290	U	0.00290	U	0.00250	U	0.00240	U
1,4-Dichlorobenzene	106-46-7	1.8	1.8	13	9.8	0.00300	U	0.00290	U	0.00290	U	0.00250	U	0.00240	U
1,4-Dioxane	123-91-1	0.1	0.1	13	9.8	0.0590	U	0.0570	U	0.0590	U	0.0490	U	0.0480	U
2,2-Dichloropropane	594-20-7	~	~	~	~	0.00300	U	0.00290	U	0.00290	U	0.00250	U	0.00240	U
2-Butanone	78-93-3	0.12	0.12	100	100	0.00300	U	0.00290	U	0.00290	U	0.00250	U	0.00240	U
2-Chlorotoluene	95-49-8	~	~	~	~	0.00300	U	0.00290	U	0.00290	U	0.00250	U	0.00240	U
2-Hexanone	591-78-6	~	~	~	~	0.00300	U	0.00290	U	0.00290	U	0.00250	U	0.00240	U
4-Chlorotoluene	106-43-4	~	~	~	~	0.00300	U	0.00290	U	0.00290	U	0.00250	U	0.00240	U
4-Methyl-2-pentanone	108-10-1	~	~	~	~	0.00300	U	0.00290	U	0.00290	U	0.00250	U	0.00240	U
Acetone	67-64-1	0.05	0.05	100	100	0.00590	U	0.00700	J	0.00590	U	0.00490	U	0.00480	U
Acrolein	107-02-8	~	~	~	~	0.00590	U	0.00570	U	0.00590	U	0.00490	U	0.00480	U
Acrylonitrile	107-13-1	~	~	~	~	0.00300	U	0.00290	U	0.00290	U	0.00250	U	0.00240	U
Benzene	71-43-2	0.06	0.06	4.8	2.9	0.00300	U	0.00290	U	0.00290	U	0.00250	U	0.00240	U
Bromobenzene	108-86-1	~	~	~	~	0.00300	U	0.00290	U	0.00290	U	0.00250	U	0.00240	U
Bromochloromethane	74-97-5	~	~	~	~	0.00300	U	0.00290	U	0.00290	U	0.00250	U	0.00240	U
Bromodichloromethane	75-27-4	~	~	~	~	0.00300	U	0.00290	U	0.00290	U	0.00250	U	0.00240	U
Bromoform	75-25-2	~	~	~	~	0.00300	U	0.00290	U	0.00290	U	0.00250	U	0.00240	U
Bromomethane	74-83-9	~	~	~	~	0.00300	U	0.00290	U	0.00290	U	0.00250	U	0.00240	U
Carbon disulfide	75-15-0	~	~	~	~	0.00300	U	0.00290	U	0.00290	U	0.00250	U	0.00240	U
Carbon tetrachloride	56-23-5	0.76	0.76	2.4	1.4	0.00300	U	0.00290	U	0.00290	U	0.00250	U	0.00240	U
Chlorobenzene	108-90-7	1.1	1.1	100	100	0.00300	U	0.00290	U	0.00290	U	0.00250	U	0.00240	U
Chloroethane	75-00-3	~	~	~	~	0.00300	U	0.00290	U	0.00290	U	0.00250	U	0.00240	U
Chloroform	67-66-3	0.37	0.37	49	10	0.00300	U	0.00290	U	0.00290	U	0.00250	U	0.00240	U
Chloromethane	74-87-3	~	~	~	~	0.00300	U	0.00290	U	0.00290	U	0.00250	U	0.00240	U
cis-1,2-Dichloroethylene	156-59-2	0.25	0.25	100	59	0.00300	U	0.00290	U	0.00290	U	0.00250	U	0.00240	U
cis-1,3-Dichloropropylene	10061-01-5	~	~	~	~	0.00300	U	0.00290	U	0.00290	U	0.00250	U	0.00240	U
Cyclohexane	110-82-7	~	~	~	~	0.00300	U	0.00290	U	0.00290	U	0.00250	U	0.00240	U
Dibromochloromethane	124-48-1	~	~	~	~	0.00300	U	0.00290	U	0.00290	U	0.00250	U	0.00240	U
Dibromomethane	74-95-3	~	~	~	~	0.00300	U	0.00290	U	0.00290	U	0.00250	U	0.00240	U
Dichlorodifluoromethane	75-71-8	~	~	~	~	0.00300	U	0.00290	U	0.00290	U	0.00250	U	0.00240	U
Ethyl Benzene	100-41-4	1	1	41	30	0.00300	U	0.00290	U	0.00290	U	0.00250	U	0.00240	U
Hexachlorobutadiene	87-68-3	~	~	~	~	0.00300	U	0.00290	U	0.00290	U	0.00250	U	0.00240	U
Isopropylbenzene	98-82-8	~	~	~	~	0.00300	U	0.00290	U	0.00290	U	0.00250	U	0.00240	U
Methyl acetate	79-20-9	~	~	~	~	0.00300	U	0.00290	U	0.00290	U	0.00250	U	0.00240	U
Methyl tert-butyl ether (MTBE)	1634-04-4	0.93	0.93	100	62	0.00300	U	0.00290	U	0.00290	U	0.00250	U	0.00240	U
Methylcyclohexane	108-87-2	~	~	~	~	0.00300	U	0.00290	U	0.00290	U	0.00250	U	0.00240	U
Methylene chloride	75-09-2	0.05	0.05	100	51	0.00590	U	0.00570	U	0.00590	U	0.00840	J	0.00480	U
n-Butylbenzene	104-51-8	12	12	100	100	0.00300	U	0.00290	U	0.00290	U	0.00250	U	0.00240	U
n-Propylbenzene	103-65-1	3.9	3.9	100	100	0.00300	U	0.00290	U	0.00290	U	0.00250	U	0.00240	U
o-Xylene	95-47-6	~	~	~	~	0.00300	U	0.00290	U	0.00290	U	0.00250	U	0.00240	U
p- & m- Xylenes	179601-23-1	~	~	~	~	0.00590	U	0.00570	U	0.00590	U	0.00490	U	0.00480	U
p-Isopropyltoluene	99-87-6	~	~	~	~	0.00300	U	0.00290	U	0.00290	U	0.00250	U	0.00240	U
sec-Butylbenzene	135-98-8	11	11	100	100	0.00300	U	0.00290	U	0.00290	U	0.00250	U	0.00240	U
Styrene	100-42-5	~	~	~	~	0.00300	U	0.00290	U	0.00290	U	0.00250	U	0.00240	U
tert-Butyl alcohol (TBA)	75-65-0	~	~	~	~	0.00300	U	0.00290	U	0.00290	U	0.00250	U	0.00240	U
tert-Butylbenzene	98-06-6	5.9	5.9	100	100	0.00300	U	0.00290	U	0.00290	U	0.00250	U	0.00240	U
Tetrachloroethylene	127-18-4	1.3	1.3	19	5.5	0.00300	U	0.00290	U	0.00290	U	0.110		0.00240	U
Toluene	108-88-3	0.7	0.7	100	100	0.00300	U	0.00290	U	0.00290	U	0.00250	U	0.00240	U
trans-1,2-Dichloroethylene	156-60-5	0.19	0.19	100	100	0.00300	U	0.00290	U	0.00290	U	0.00250	U	0.00240	U
trans-1,3-Dichloropropylene	10061-02-6	~	~	~	~	0.00300	U	0.00290	U	0.00290	U	0.00250	U	0.00240	U
Trichloroethylene	79-01-6	0.47	0.47	21	10	0.00300	U	0.00290	U	0.00290	U	0.00250	U	0.00240	U
Trichlorofluoromethane	75-69-4	~	~	~	~	0.00300	U	0.00290	U	0.00290	U	0.00250	U	0.00240	U
Vinyl acetate	108-05-4	~	~	~	~	0.00300	U	0.00290	U	0.00290	U	0.00250	U	0.00240	U
Vinyl Chloride	75-01-4	0.02	0.02	0.9	0.21	0.00300	U	0.00290	U	0.00290	U	0.00250	U	0.00240	U
Xylenes, Total	1330-20-7	1.6	0.26	100	100	0.00890	U	0.00860	U	0.00880	U	0.00740	U	0.00720	U
Volatile Organics, Tentatively Identified Cmpds.						mg/kg		mg/kg		mg/kg		mg/kg		mg/kg	
Dilution Factor						1		1		1		1		1	
Tentatively Identified Compounds		~	~	~	~	0	U	0	U	0	U	0	U	0	U
Total Solids						%		%		%		%		%	
Dilution Factor						1		1		1		1		1	
% Solids	solids	~	~	~	~	97.800		97.800		96.900		93.900		98.100	

NOTES:
Any Regulatory Exceedences are color coded by Regulation

Q is the Qualifier Column with definitions as follows:
D=result is from an analysis that required a dilution
J=analyte detected at or above the MDL (method detection limit) but below the RL (Reporting Limit) - data is estimated
U=analyte not detected at or above the level indicated
B=analyte found in the analysis batch blank
E=result is estimated and cannot be accurately reported due to levels encountered or interferences
P=this flag is used for pesticide and PCB (Aroclor) target compounds when there is a % difference for detected concentrations that exceed method dictated limits between the two GC columns used for analysis
NT=this indicates the analyte was not a target for this sample
~=this indicates that no regulatory limit has been established for this analyte

DISCLAIMER:

Table 3
Stockpiles #3 and #4 Sample Analysis Summary
13-16 Beach Channel Drive, Far Rockaway, NEw York

Lab Sample Id						CM78025		CM78026		CM78027		CM78028		CM78029		CM78030		CM78031		CM78032	
Collection Date						11/03/2022		11/03/2022		11/03/2022		11/03/2022		11/03/2022		11/03/2022		11/03/2022		11/03/2022	
Client Id						SP-3-GRAB-1		SP-3-GRAB-2		SP-3-GRAB-3		SP-3-COMP		SP-4-GRAB-1		SP-4-GRAB-2		SP-4-GRAB-3		SP-4-COMP	
Matrix						SOIL		SOIL		SOIL		SOIL		SOIL		SOIL		SOIL		SOIL	
SDG: GCM78025			NY	NY	NY																
Project: #15209 13-16 BCD	CAS	Units	375 GWP	375 Residential	375 Res Restricted	Result	RL	Result	RL	Result	RL	Result	RL	Result	RL	Result	RL	Result	RL	Result	RL
Miscellaneous/Inorganics																					
Chromium, Hex. (SW3060A digestion)	18540-29-9	mg/Kg	19	22	110							< 0.38	0.38							< 0.40	0.4
Percent Solid	PHNX - PCTSOLID	%										97								96	
pH at 25C - Soil	PHNX - PH	pH Units										7.92	1							7.52	1
Redox Potential	PHNX - REDOX	mV										394								338	
Total Cyanide (SW9010C Distill.)	57-12-5	mg/Kg	40	27	27							< 0.52	0.52							< 0.52	0.52
Metals Total																					
Arsenic	7440-38-2	mg/Kg	16	16	16							1.13	0.69							1.6	0.67
Barium	7440-39-3	mg/Kg	820	350	400							9.3	0.7							7.7	0.7
Beryllium	7440-41-7	mg/Kg	47	14	72							< 0.27	0.27							< 0.27	0.27
Cadmium	7440-43-9	mg/Kg	7.5	2.5	4.3							< 0.34	0.34							< 0.33	0.33
Chromium	7440-47-3	mg/Kg										2.84	0.34							4.98	0.33
Copper	7440-50-8	mg/kg	1720	270	270							3.6	0.7							3	0.7
Lead	7439-92-1	mg/Kg	450	400	400							14.7	0.7							10.2	0.7
Manganese	7439-96-5	mg/Kg	2000	2000	2000							24.5	0.34							29.9	0.33
Mercury	7439-97-6	mg/Kg	0.73	0.81	0.81							< 0.03	0.03							0.03	0.03
Nickel	7440-02-0	mg/Kg	130	140	310							2.09	0.34							2.37	0.33
Selenium	7782-49-2	mg/Kg	4	36	180							< 1.4	1.4							< 1.3	1.3
Silver	7440-22-4	mg/Kg	8.3	36	180							< 0.34	0.34							< 0.33	0.33
Trivalent Chromium	16065-83-1	mg/kg		36	180							2.84	0.34							4.98	0.33
Zinc	7440-66-6	mg/Kg	2480	2200	10000							17.8	0.7							20.6	0.7
1,4-dioxane - SW8260C																					
1,4-dioxane	123-91-1	ug/kg	100	9800	13000	< 76	76	< 85	85	< 78	78			< 75	75	< 76	76	< 73	73		
Pesticides - Soil - SW8081B																					
4,4' -DDD	72-54-8	ug/Kg	14000	2600	13000							< 2.1	2.1							< 14	14
4,4' -DDE	72-55-9	ug/Kg	17000	1800	8900							< 2.1	2.1							< 14	14
4,4' -DDT	50-29-3	ug/Kg	136000	1700	7900							< 2.1	2.1							< 14	14
a-BHC	319-84-6	ug/Kg	20	97	480							< 1.4	1.4							< 14	14
a-Chlordane	5103-71-9	ug/Kg	2900	910	4200							< 5.0	5							660	34
Alachlor	15972-60-8	ug/Kg										< 3.4	3.4							< 34	34
Aldrin	309-00-2	ug/Kg	190	19	97							< 3.4	3.4							< 14	14
b-BHC	319-85-7	ug/Kg	90	72	360							< 1.4	1.4							< 14	14
Chlordane	57-74-9	ug/Kg										< 34	34							2900	340
d-BHC	319-86-8	ug/Kg	250	100000	100000							< 6.9	6.9							< 14	14
Dieldrin	60-57-1	ug/Kg	100	39	200							< 1.4	1.4							28	14
Endosulfan I	959-98-8	ug/Kg	102000	4800	24000							< 6.9	6.9							< 69	69
Endosulfan II	33213-65-9	ug/Kg	102000	4800	24000							< 6.9	6.9							< 69	69
Endosulfan sulfate	1031-07-8	ug/Kg	1000000	4800	24000							< 6.9	6.9							< 69	69
Endrin	72-20-8	ug/Kg	60	2200	11000							< 6.9	6.9							< 14	14
Endrin aldehyde	7421-93-4	ug/Kg										< 6.9	6.9							< 69	69
Endrin ketone	53494-70-5	ug/Kg										< 6.9	6.9							< 69	69
g-BHC	58-89-9	ug/Kg	100	280	1300							< 1.4	1.4							< 2.7	2.7
g-Chlordane	5103-74-2	ug/Kg										< 3.4	3.4							480	34
Heptachlor	76-44-8	ug/Kg	380	420	2100							< 6.9	6.9							100	69
Heptachlor epoxide	1024-57-3	ug/Kg										< 6.9	6.9							86	34
Methoxychlor	72-43-5	ug/Kg										< 34	34							< 340	340
Toxaphene	8001-35-2	ug/Kg										< 140	140							< 1400	1400
Polychlorinated Biphenyls - SW8082A																					
PCB-1016	12674-11-2	ug/Kg		1000								< 69	69							< 69	69
PCB-1221	11104-28-2	ug/Kg		1000								< 69	69							< 69	69
PCB-1232	11141-16-5	ug/Kg		1000								< 69	69							< 69	69

Table 3
Stockpiles #3 and #4 Sample Analysis Summary
13-16 Beach Channel Drive, Far Rockaway, NEw York

Lab Sample Id						CM78025		CM78026		CM78027		CM78028		CM78029		CM78030		CM78031		CM78032	
Collection Date						11/03/2022		11/03/2022		11/03/2022		11/03/2022		11/03/2022		11/03/2022		11/03/2022		11/03/2022	
Client Id						SP-3-GRAB-1		SP-3-GRAB-2		SP-3-GRAB-3		SP-3-COMP		SP-4-GRAB-1		SP-4-GRAB-2		SP-4-GRAB-3		SP-4-COMP	
Matrix						SOIL		SOIL		SOIL		SOIL		SOIL		SOIL		SOIL		SOIL	
SDG: GCM78025			NY	NY	NY																
Project: #15209 13-16 BCD	CAS	Units	375 GWP	375 Residential	375 Res Restricted	Result	RL	Result	RL	Result	RL	Result	RL	Result	RL	Result	RL	Result	RL	Result	RL
PCB-1242	53469-21-9	ug/Kg		1000								< 69	69							< 69	69
PCB-1248	12672-29-6	ug/Kg		1000								< 69	69							< 69	69
PCB-1254	11097-69-1	ug/Kg		1000								< 69	69							< 69	69
PCB-1260	11096-82-5	ug/Kg		1000								< 69	69							< 69	69
PCB-1262	37324-23-5	ug/Kg										< 69	69							< 69	69
PCB-1268	11100-14-4	ug/Kg										< 69	69							< 69	69
Semivolatiles - SW8270D																					
1,2,4,5-Tetrachlorobenzene	95-94-3	ug/Kg										< 240	240							< 240	240
1,2,4-Trichlorobenzene	120-82-1	ug/Kg										< 240	240							< 240	240
1,2-Dichlorobenzene	95-50-1	ug/Kg	1100	100000	100000							< 240	240							< 240	240
1,2-Diphenylhydrazine	122-66-7	ug/Kg										< 69	69							< 68	68
1,3-Dichlorobenzene	541-73-1	ug/Kg	2400	17000	49000							< 240	240							< 240	240
1,4-Dichlorobenzene	106-46-7	ug/Kg	1800	9800	13000							< 240	240							< 240	240
2,2'-Oxybis(1-Chloropropane)	108-60-1	ug/Kg										< 240	240							< 240	240
2,4,5-Trichlorophenol	95-95-4	ug/Kg										< 240	240							< 240	240
2,4,6-Trichlorophenol	88-06-2	ug/Kg										< 170	170							< 170	170
2,4-Dichlorophenol	120-83-2	ug/Kg										< 170	170							< 170	170
2,4-Dimethylphenol	105-67-9	ug/Kg										< 240	240							< 240	240
2,4-Dinitrophenol	51-28-5	ug/Kg										< 240	240							< 240	240
2,4-Dinitrotoluene	121-14-2	ug/Kg										< 69	69							< 68	68
2,6-Dinitrotoluene	606-20-2	ug/Kg										< 69	69							< 68	68
2-Chloronaphthalene	91-58-7	ug/Kg										< 240	240							< 240	240
2-Chlorophenol	95-57-8	ug/Kg										< 240	240							< 240	240
2-Methylnaphthalene	91-57-6	ug/Kg										< 240	240							< 240	240
2-Methylphenol (o-cresol)	95-48-7	ug/Kg	330	100000	100000							< 240	240							< 240	240
2-Nitroaniline	88-74-4	ug/Kg										< 69	69							< 68	68
2-Nitrophenol	88-75-5	ug/Kg										< 240	240							< 240	240
3&4-Methylphenol (m&p-cresol)	PHNX - M&P CRESOL	ug/Kg										< 240	240							< 240	240
3,3'-Dichlorobenzidine	91-94-1	ug/Kg										< 170	170							< 170	170
3-Nitroaniline	99-09-2	ug/Kg										< 91	91							< 91	91
4,6-Dinitro-2-methylphenol	534-52-1	ug/Kg										< 210	210							< 200	200
4-Bromophenyl phenyl ether	101-55-3	ug/Kg										< 240	240							< 240	240
4-Chloro-3-methylphenol	59-50-7	ug/Kg										< 240	240							< 240	240
4-Chloroaniline	106-47-8	ug/Kg										< 270	270							< 270	270
4-Chlorophenyl phenyl ether	7005-72-3	ug/Kg										< 240	240							< 240	240
4-Nitroaniline	100-01-6	ug/Kg										< 86	86							< 86	86
4-Nitrophenol	100-02-7	ug/Kg										< 340	340							< 340	340
Acenaphthene	83-32-9	ug/Kg	98000	100000	100000							< 240	240							< 240	240
Acenaphthylene	208-96-8	ug/Kg	107000	100000	100000							< 240	240							< 240	240
Acetophenone	98-86-2	ug/Kg										< 240	240							< 240	240
Aniline	62-53-3	ug/Kg										< 120	120							< 120	120
Anthracene	120-12-7	ug/Kg	1000000	100000	100000							190	240							< 240	240
Benz(a)anthracene	56-55-3	ug/Kg	1000	1000	1000							560	240							< 240	240
Benzidine	92-87-5	ug/Kg										< 200	200							< 200	200
Benzo(a)pyrene	50-32-8	ug/Kg	22000	1000	1000							560	170							< 170	170
Benzo(b)fluoranthene	205-99-2	ug/Kg	1700	1000	1000							680	240							< 240	240
Benzo(ghi)perylene	191-24-2	ug/Kg	1000000	100000	100000							310	240							< 240	240
Benzo(k)fluoranthene	207-08-9	ug/Kg	1700	1000	3900							250	240							< 240	240
Benzoic acid	65-85-0	ug/Kg										< 1700	1700							< 1700	1700
Benzyl butyl phthalate	85-68-7	ug/Kg										< 240	240							< 240	240
Bis(2-chloroethoxy)methane	111-91-1	ug/Kg										< 240	240							< 240	240
Bis(2-chloroethyl)ether	111-44-4	ug/Kg										< 69	69							< 68	68
Bis(2-ethylhexyl)phthalate	117-81-7	ug/Kg										< 240	240							< 240	240
Carbazole	86-74-8	ug/Kg										< 170	170							< 170	170
Chrysene	218-01-9	ug/Kg	1000	1000	3900							590	240							< 240	240

Table 3
Stockpiles #3 and #4 Sample Analysis Summary
13-16 Beach Channel Drive, Far Rockaway, NEw York

Lab Sample Id						CM78025		CM78026		CM78027		CM78028		CM78029		CM78030		CM78031		CM78032	
Collection Date						11/03/2022		11/03/2022		11/03/2022		11/03/2022		11/03/2022		11/03/2022		11/03/2022		11/03/2022	
Client Id						SP-3-GRAB-1		SP-3-GRAB-2		SP-3-GRAB-3		SP-3-COMP		SP-4-GRAB-1		SP-4-GRAB-2		SP-4-GRAB-3		SP-4-COMP	
Matrix						SOIL		SOIL		SOIL		SOIL		SOIL		SOIL		SOIL		SOIL	
SDG: GCM78025			NY	NY	NY																
Project: #15209 13-16 BCD	CAS	Units	375 GWP	375 Residential	375 Res Restricted	Result	RL	Result	RL	Result	RL	Result	RL	Result	RL	Result	RL	Result	RL	Result	RL
Di-n-butylphthalate	84-74-2	ug/Kg										< 240	240							< 240	240
Di-n-octylphthalate	117-84-0	ug/Kg										< 240	240							< 240	240
Dibenz(a,h)anthracene	53-70-3	ug/Kg	1000000	330	330							< 170	170							< 170	170
Dibenzofuran	132-64-9	ug/Kg	210000	14000	59000							< 240	240							< 240	240
Diethyl phthalate	84-66-2	ug/Kg										< 240	240							< 240	240
Dimethylphthalate	131-11-3	ug/Kg										< 240	240							< 240	240
Fluoranthene	206-44-0	ug/Kg	1000000	100000	100000							1300	240							< 240	240
Fluorene	86-73-7	ug/Kg	386000	100000	100000							< 240	240							< 240	240
Hexachlorobenzene	118-74-1	ug/Kg	3200	330	1200							< 170	170							< 170	170
Hexachlorobutadiene	87-68-3	ug/Kg										< 240	240							< 240	240
Hexachlorocyclopentadiene	77-47-4	ug/Kg										< 240	240							< 240	240
Hexachloroethane	67-72-1	ug/Kg										< 170	170							< 170	170
Indeno(1,2,3-cd)pyrene	193-39-5	ug/Kg	8200	500	500							350	240							< 240	240
Isophorone	78-59-1	ug/Kg										< 170	170							< 170	170
N-Nitrosodi-n-propylamine	621-64-7	ug/Kg										< 69	69							< 68	68
N-Nitrosodimethylamine	62-75-9	ug/Kg										< 69	69							< 68	68
N-Nitrosodiphenylamine	86-30-6	ug/Kg										< 240	240							< 240	240
Naphthalene	91-20-3	ug/Kg	12000	100000	100000							< 240	240							< 240	240
Nitrobenzene	98-95-3	ug/Kg										< 69	69							< 68	68
Pentachloronitrobenzene	82-68-8	ug/Kg										< 240	240							< 240	240
Pentachlorophenol	87-86-5	ug/Kg	800	2400	6700							< 210	210							< 200	200
Phenanthrene	85-01-8	ug/Kg	1000000	100000	100000							1000	240							< 240	240
Phenol	108-95-2	ug/Kg	330	100000	100000							< 240	240							< 240	240
Pyrene	129-00-0	ug/Kg	1000000	100000	100000							1100	240							< 240	240
Pyridine	110-86-1	ug/Kg										< 220	220							< 220	220
Volatiles - SW8260C																					
1,1,1,2-Tetrachloroethane	630-20-6	ug/Kg				< 5.1	5.1	< 6.1	6.1	< 5.2	5.2			< 5.0	5	< 5.1	5.1	< 4.9	4.9		
1,1,1-Trichloroethane	71-55-6	ug/Kg	680	100000	100000	< 5.1	5.1	< 6.1	6.1	< 5.2	5.2			< 5.0	5	< 5.1	5.1	< 4.9	4.9		
1,1,2,2-Tetrachloroethane	79-34-5	ug/Kg				< 5.1	5.1	< 6.1	6.1	< 5.2	5.2			< 5.0	5	< 5.1	5.1	< 4.9	4.9		
1,1,2-Trichloroethane	79-00-5	ug/Kg				< 5.1	5.1	< 6.1	6.1	< 5.2	5.2			< 5.0	5	< 5.1	5.1	< 4.9	4.9		
1,1-Dichloroethane	75-34-3	ug/Kg	270	19000	26000	< 5.1	5.1	< 6.1	6.1	< 5.2	5.2			< 5.0	5	< 5.1	5.1	< 4.9	4.9		
1,1-Dichloroethene	75-35-4	ug/Kg	330	100000	100000	< 5.1	5.1	< 6.1	6.1	< 5.2	5.2			< 5.0	5	< 5.1	5.1	< 4.9	4.9		
1,1-Dichloropropene	563-58-6	ug/Kg				< 5.1	5.1	< 6.1	6.1	< 5.2	5.2			< 5.0	5	< 5.1	5.1	< 4.9	4.9		
1,2,3-Trichlorobenzene	87-61-6	ug/Kg				< 5.1	5.1	< 6.1	6.1	< 5.2	5.2			< 5.0	5	< 5.1	5.1	< 4.9	4.9		
1,2,3-Trichloropropane	96-18-4	ug/Kg				< 5.1	5.1	< 6.1	6.1	< 5.2	5.2			< 5.0	5	< 5.1	5.1	< 4.9	4.9		
1,2,4-Trichlorobenzene	120-82-1	ug/Kg				< 5.1	5.1	< 6.1	6.1	< 5.2	5.2			< 5.0	5	< 5.1	5.1	< 4.9	4.9		
1,2,4-Trimethylbenzene	95-63-6	ug/Kg	3600	47000	52000	< 5.1	5.1	< 6.1	6.1	< 5.2	5.2			< 5.0	5	< 5.1	5.1	< 4.9	4.9		
1,2-Dibromo-3-chloropropane	96-12-8	ug/Kg				< 5.0	5	< 5.0	5	< 5.0	5			< 5.0	5	< 5.0	5	< 4.9	4.9		
1,2-Dibromoethane	106-93-4	ug/Kg				< 1.2	1.2	< 1.2	1.2	< 1.2	1.2			< 1.2	1.2	< 1.2	1.2	< 1.2	1.2		
1,2-Dichlorobenzene	95-50-1	ug/Kg	1100	100000	100000	< 5.1	5.1	< 6.1	6.1	< 5.2	5.2			< 5.0	5	< 5.1	5.1	< 4.9	4.9		
1,2-Dichloroethane	107-06-2	ug/Kg	20	2300	3100	< 5.0	5	< 5.0	5	< 5.0	5			< 5.0	5	< 5.0	5	< 4.9	4.9		
1,2-Dichloropropane	78-87-5	ug/Kg				< 5.0	5	< 5.0	5	< 5.0	5			< 5.0	5	< 5.0	5	< 4.9	4.9		
1,3,5-Trimethylbenzene	108-67-8	ug/Kg	8400	47000	52000	< 5.1	5.1	< 6.1	6.1	< 5.2	5.2			< 5.0	5	< 5.1	5.1	< 4.9	4.9		
1,3-Dichlorobenzene	541-73-1	ug/Kg	2400	17000	49000	< 5.1	5.1	< 6.1	6.1	< 5.2	5.2			< 5.0	5	< 5.1	5.1	< 4.9	4.9		
1,3-Dichloropropane	142-28-9	ug/Kg				< 5.1	5.1	< 6.1	6.1	< 5.2	5.2			< 5.0	5	< 5.1	5.1	< 4.9	4.9		
1,4-Dichlorobenzene	106-46-7	ug/Kg	1800	9800	13000	< 5.1	5.1	< 6.1	6.1	< 5.2	5.2			< 5.0	5	< 5.1	5.1	< 4.9	4.9		
2,2-Dichloropropane	594-20-7	ug/Kg				< 5.1	5.1	< 6.1	6.1	< 5.2	5.2			< 5.0	5	< 5.1	5.1	< 4.9	4.9		
2-Chlorotoluene	95-49-8	ug/Kg				< 5.1	5.1	< 6.1	6.1	< 5.2	5.2			< 5.0	5	< 5.1	5.1	< 4.9	4.9		
2-Hexanone	591-78-6	ug/Kg				< 25	25	< 31	31	< 26	26			< 25	25	< 25	25	< 24	24		
2-Isopropyltoluene	527-84-4	ug/Kg				< 5.1	5.1	< 6.1	6.1	< 5.2	5.2			< 5.0	5	< 5.1	5.1	< 4.9	4.9		
4-Chlorotoluene	106-43-4	ug/Kg				< 5.1	5.1	< 6.1	6.1	< 5.2	5.2			< 5.0	5	< 5.1	5.1	< 4.9	4.9		
4-Methyl-2-pentanone	108-10-1	ug/Kg				< 25	25	< 31	31	< 26	26			< 25	25	< 25	25	< 24	24		
Acetone	67-64-1	ug/Kg	50	100000	100000	8.7	25	27	31	5.3	26			25	25	11	25	22	24		
Acrylonitrile	107-13-1	ug/Kg				< 10	10	< 10	10	< 10	10			< 10	10	< 10	10	< 9.7	9.7		
Benzene	71-43-2	ug/Kg	60	2900	4800	< 5.0	5	< 5.0	5	< 5.0	5			< 5.0	5	< 5.0	5	< 4.9	4.9		

Table 3
Stockpiles #3 and #4 Sample Analysis Summary
13-16 Beach Channel Drive, Far Rockaway, NEw York

Lab Sample Id						CM78025		CM78026		CM78027		CM78028		CM78029		CM78030		CM78031		CM78032	
Collection Date						11/03/2022		11/03/2022		11/03/2022		11/03/2022		11/03/2022		11/03/2022		11/03/2022		11/03/2022	
Client Id						SP-3-GRAB-1		SP-3-GRAB-2		SP-3-GRAB-3		SP-3-COMP		SP-4-GRAB-1		SP-4-GRAB-2		SP-4-GRAB-3		SP-4-COMP	
Matrix						SOIL		SOIL		SOIL		SOIL		SOIL		SOIL		SOIL		SOIL	
SDG: GCM78025			NY	NY	NY																
Project: #15209 13-16 BCD	CAS	Units	375 GWP	375 Residential	375 Res Restricted	Result	RL	Result	RL	Result	RL	Result	RL	Result	RL	Result	RL	Result	RL	Result	RL
Bromobenzene	108-86-1	ug/Kg				< 4.7	4.7	< 4.7	4.7	< 4.7	4.7			< 4.7	4.7	< 4.7	4.7	< 4.7	4.7		
Bromochloromethane	74-97-5	ug/Kg				< 5.1	5.1	< 6.1	6.1	< 5.2	5.2			< 5.0	5	< 5.1	5.1	< 4.9	4.9		
Bromodichloromethane	75-27-4	ug/Kg				< 5.0	5	< 5.0	5	< 5.0	5			< 5.0	5	< 5.0	5	< 4.9	4.9		
Bromoform	75-25-2	ug/Kg				< 5.1	5.1	< 6.1	6.1	< 5.2	5.2			< 5.0	5	< 5.1	5.1	< 4.9	4.9		
Bromomethane	74-83-9	ug/Kg				< 5.1	5.1	< 6.1	6.1	< 5.2	5.2			< 5.0	5	< 5.1	5.1	< 4.9	4.9		
Carbon Disulfide	75-15-0	ug/Kg				< 5.1	5.1	< 6.1	6.1	< 5.2	5.2			< 5.0	5	< 5.1	5.1	< 4.9	4.9		
Carbon tetrachloride	56-23-5	ug/Kg	760	1400	2400	< 5.0	5	< 5.0	5	< 5.0	5			< 5.0	5	< 5.0	5	< 4.9	4.9		
Chlorobenzene	108-90-7	ug/Kg	1100	100000	100000	< 5.1	5.1	< 6.1	6.1	< 5.2	5.2			< 5.0	5	< 5.1	5.1	< 4.9	4.9		
Chloroethane	75-00-3	ug/Kg				< 5.1	5.1	< 6.1	6.1	< 5.2	5.2			< 5.0	5	< 5.1	5.1	< 4.9	4.9		
Chloroform	67-66-3	ug/Kg	370	10000	49000	< 5.1	5.1	< 6.1	6.1	< 5.2	5.2			< 5.0	5	< 5.1	5.1	< 4.9	4.9		
Chloromethane	74-87-3	ug/Kg				< 5.1	5.1	< 6.1	6.1	< 5.2	5.2			< 5.0	5	< 5.1	5.1	< 4.9	4.9		
cis-1,2-Dichloroethene	156-59-2	ug/Kg	250	59000	100000	< 5.1	5.1	< 6.1	6.1	< 5.2	5.2			< 5.0	5	< 5.1	5.1	< 4.9	4.9		
cis-1,3-Dichloropropene	10061-01-5	ug/Kg				< 5.0	5	< 5.0	5	< 5.0	5			< 5.0	5	< 5.0	5	< 4.9	4.9		
Dibromochloromethane	124-48-1	ug/Kg				< 5.0	5	< 5.0	5	< 5.0	5			< 5.0	5	< 5.0	5	< 4.9	4.9		
Dibromomethane	74-95-3	ug/Kg				< 5.1	5.1	< 6.1	6.1	< 5.2	5.2			< 5.0	5	< 5.1	5.1	< 4.9	4.9		
Dichlorodifluoromethane	75-71-8	ug/Kg				< 5.1	5.1	< 6.1	6.1	< 5.2	5.2			< 5.0	5	< 5.1	5.1	< 4.9	4.9		
Ethylbenzene	100-41-4	ug/Kg	1000	30000	41000	< 5.1	5.1	< 6.1	6.1	< 5.2	5.2			< 5.0	5	< 5.1	5.1	< 4.9	4.9		
Hexachlorobutadiene	87-68-3	ug/Kg				< 5.1	5.1	< 6.1	6.1	< 5.2	5.2			< 5.0	5	< 5.1	5.1	< 4.9	4.9		
Isopropylbenzene	98-82-8	ug/Kg				< 5.1	5.1	< 6.1	6.1	< 5.2	5.2			< 5.0	5	< 5.1	5.1	< 4.9	4.9		
m&p-Xylene	179601-23-1	ug/Kg				< 5.1	5.1	< 6.1	6.1	< 5.2	5.2			< 5.0	5	< 5.1	5.1	< 4.9	4.9		
Methyl Ethyl Ketone	78-93-3	ug/Kg	120	100000	100000	< 30	30	< 37	37	< 31	31			< 30	30	< 30	30	< 29	29		
Methyl t-butyl ether (MTBE)	1634-04-4	ug/Kg	930	62000	100000	< 10	10	< 12	12	< 10	10			< 10	10	< 10	10	< 9.7	9.7		
Methylene chloride	75-09-2	ug/Kg	50	51000	100000	< 5.1	5.1	< 6.1	6.1	< 5.2	5.2			< 5.0	5	< 5.1	5.1	< 4.9	4.9		
n-Butylbenzene	104-51-8	ug/Kg	12000	100000	100000	< 5.1	5.1	< 6.1	6.1	< 5.2	5.2			< 5.0	5	< 5.1	5.1	< 4.9	4.9		
n-Propylbenzene	103-65-1	ug/Kg	3900	100000	100000	< 5.1	5.1	< 6.1	6.1	< 5.2	5.2			< 5.0	5	< 5.1	5.1	< 4.9	4.9		
Naphthalene	91-20-3	ug/Kg	12000	100000	100000	< 5.1	5.1	< 6.1	6.1	< 5.2	5.2			< 5.0	5	< 5.1	5.1	< 4.9	4.9		
o-Xylene	95-47-6	ug/Kg				< 5.1	5.1	< 6.1	6.1	< 5.2	5.2			< 5.0	5	< 5.1	5.1	< 4.9	4.9		
p-Isopropyltoluene	99-87-6	ug/Kg				< 5.1	5.1	< 6.1	6.1	< 5.2	5.2			< 5.0	5	< 5.1	5.1	< 4.9	4.9		
sec-Butylbenzene	135-98-8	ug/Kg	11000	100000	100000	< 5.1	5.1	< 6.1	6.1	< 5.2	5.2			< 5.0	5	< 5.1	5.1	< 4.9	4.9		
Styrene	100-42-5	ug/Kg				< 5.1	5.1	< 6.1	6.1	< 5.2	5.2			< 5.0	5	< 5.1	5.1	< 4.9	4.9		
tert-Butylbenzene	98-06-6	ug/Kg	5900	100000	100000	< 5.1	5.1	< 6.1	6.1	< 5.2	5.2			< 5.0	5	< 5.1	5.1	< 4.9	4.9		
Tetrachloroethene	127-18-4	ug/Kg	1300	5500	19000	7.3	5.1	18	6.1	15	5.2			< 5.0	5	1.8	5	< 4.9	4.9		
Tetrahydrofuran (THF)	109-99-9	ug/Kg				< 10	10	< 12	12	< 10	10			< 10	10	< 10	10	< 9.7	9.7		
Toluene	108-88-3	ug/Kg	700	100000	100000	< 5.1	5.1	< 6.1	6.1	< 5.2	5.2			< 5.0	5	0.89	5.1	< 4.9	4.9		
trans-1,2-Dichloroethene	156-60-5	ug/Kg	190	100000	100000	< 5.1	5.1	< 6.1	6.1	< 5.2	5.2			< 5.0	5	< 5.1	5.1	< 4.9	4.9		
trans-1,3-Dichloropropene	10061-02-6	ug/Kg				< 5.0	5	< 5.0	5	< 5.0	5			< 5.0	5	< 5.0	5	< 4.9	4.9		
trans-1,4-dichloro-2-butene	110-57-6	ug/Kg				< 0.78	0.78	< 0.78	0.78	< 0.78	0.78			< 0.78	0.78	< 0.78	0.78	< 0.78	0.78		
Trichloroethene	79-01-6	ug/Kg	470	10000	21000	< 5.1	5.1	< 6.1	6.1	< 5.2	5.2			< 5.0	5	< 5.1	5.1	< 4.9	4.9		
Trichlorofluoromethane	75-69-4	ug/Kg				< 5.1	5.1	< 6.1	6.1	< 5.2	5.2			< 5.0	5	< 5.1	5.1	< 4.9	4.9		
Trichlorotrifluoroethane	76-13-1	ug/Kg				< 5.1	5.1	< 6.1	6.1	< 5.2	5.2			< 5.0	5	< 5.1	5.1	< 4.9	4.9		
Vinyl chloride	75-01-4	ug/Kg	20	210	900	< 5.0	5	< 5.0	5	< 5.0	5			< 5.0	5	< 5.0	5	< 4.9	4.9		

Result Detected
RL Exceeds Criteria
Result Exceeds Criteria
ug/kg micrograms per kilogram
mg/kg milligrams per kilogram

Table 4
Hotspot 1 - VOC Analysis Summary
13-16 Beach Channel Drive, Far Rockaway, NY

Sample ID					HS-1-SWS		HS-1-SWW		HS-1-SWN		HS-1-SWE		HS-1-EP		DUP-EP-1	
York ID					22L0644-01		22L0644-02		22L0644-03		22L0644-04		22L0644-05		22L0644-06	
Sampling Date					12/9/2022 7:20:00 AM		12/9/2022 7:25:00 AM		12/9/2022 7:30:00 AM		12/9/2022 7:35:00 AM		12/9/2022 7:40:00 AM		12/9/2022 7:45:00 AM	
Client Matrix		NYSDEC Part 375 Unrestricted Use Soil Cleanup Objectives	NYSDEC Part 375 Restricted Use Soil Cleanup Objectives - Restricted Residential	NYSDEC Part 375 Restricted Use Soil Cleanup Objectives- Residential	Soil		Soil		Soil		Soil		Soil		Soil	
Compound	CAS Number				Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q
VOA, 8260 MASTER		mg/Kg	mg/Kg	mg/Kg	mg/Kg		mg/Kg		mg/Kg		mg/Kg		mg/Kg		mg/Kg	
Dilution Factor					1		1		1		1		1		1	
1,1,1,2-Tetrachloroethane	630-20-6	~	~	~	0.00240	U	0.00240	U	0.00240	U	0.00280	U	0.00250	U	0.00300	U
1,1,1-Trichloroethane	71-55-6	0.68	100	100	0.00240	U	0.00240	U	0.00240	U	0.00280	U	0.00250	U	0.00300	U
1,1,2,2-Tetrachloroethane	79-34-5	~	~	~	0.00240	U	0.00240	U	0.00240	U	0.00280	U	0.00250	U	0.00300	U
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	76-13-1	~	~	~	0.00240	U	0.00240	U	0.00240	U	0.00280	U	0.00250	U	0.00300	U
1,1,2-Trichloroethane	79-00-5	~	~	~	0.00240	U	0.00240	U	0.00240	U	0.00280	U	0.00250	U	0.00300	U
1,1-Dichloroethane	75-34-3	0.27	26	19	0.00240	U	0.00240	U	0.00240	U	0.00280	U	0.00250	U	0.00300	U
1,1-Dichloroethylene	75-35-4	0.33	100	100	0.00240	U	0.00240	U	0.00240	U	0.00280	U	0.00250	U	0.00300	U
1,1-Dichloropropylene	563-58-6	~	~	~	0.00240	U	0.00240	U	0.00240	U	0.00280	U	0.00250	U	0.00300	U
1,2,3-Trichlorobenzene	87-61-6	~	~	~	0.00240	U	0.00240	U	0.00240	U	0.00280	U	0.00250	U	0.00300	U
1,2,3-Trichloropropane	96-18-4	~	~	~	0.00240	U	0.00240	U	0.00240	U	0.00280	U	0.00250	U	0.00300	U
1,2,4-Trichlorobenzene	120-82-1	~	~	~	0.00240	U	0.00240	U	0.00240	U	0.00280	U	0.00250	U	0.00300	U
1,2,4-Trimethylbenzene	95-63-6	3.6	52	47	0.00240	U	0.00240	U	0.00240	U	0.00280	U	0.00250	U	0.00300	U
1,2-Dibromo-3-chloropropane	96-12-8	~	~	~	0.00240	U	0.00240	U	0.00240	U	0.00280	U	0.00250	U	0.00300	U
1,2-Dibromoethane	106-93-4	~	~	~	0.00240	U	0.00240	U	0.00240	U	0.00280	U	0.00250	U	0.00300	U
1,2-Dichlorobenzene	95-50-1	1.1	100	100	0.00240	U	0.00240	U	0.00240	U	0.00280	U	0.00250	U	0.00300	U
1,2-Dichloroethane	107-06-2	0.02	3.1	2.3	0.00240	U	0.00240	U	0.00240	U	0.00280	U	0.00250	U	0.00300	U
1,2-Dichloropropane	78-87-5	~	~	~	0.00240	U	0.00240	U	0.00240	U	0.00280	U	0.00250	U	0.00300	U
1,3,5-Trimethylbenzene	108-67-8	8.4	52	47	0.00240	U	0.00240	U	0.00240	U	0.00280	U	0.00250	U	0.00300	U
1,3-Dichlorobenzene	541-73-1	2.4	49	17	0.00240	U	0.00240	U	0.00240	U	0.00280	U	0.00250	U	0.00300	U
1,3-Dichloropropane	142-28-9	~	~	~	0.00240	U	0.00240	U	0.00240	U	0.00280	U	0.00250	U	0.00300	U
1,4-Dichlorobenzene	106-46-7	1.8	13	9.8	0.00240	U	0.00240	U	0.00240	U	0.00280	U	0.00250	U	0.00300	U
1,4-Dioxane	123-91-1	0.1	13	9.8	0.0480	U	0.0480	U	0.0490	U	0.0560	U	0.0490	U	0.0590	U
2,2-Dichloropropane	594-20-7	~	~	~	0.00240	U	0.00240	U	0.00240	U	0.00280	U	0.00250	U	0.00300	U
2-Butanone	78-93-3	0.12	100	100	0.00240	U	0.00240	U	0.00240	U	0.00280	U	0.00250	U	0.00300	U
2-Chlorotoluene	95-49-8	~	~	~	0.00240	U	0.00240	U	0.00240	U	0.00280	U	0.00250	U	0.00300	U
2-Hexanone	591-78-6	~	~	~	0.00240	U	0.00240	U	0.00240	U	0.00280	U	0.00250	U	0.00300	U
4-Chlorotoluene	106-43-4	~	~	~	0.00240	U	0.00240	U	0.00240	U	0.00280	U	0.00250	U	0.00300	U
4-Methyl-2-pentanone	108-10-1	~	~	~	0.00240	U	0.00240	U	0.00240	U	0.00280	U	0.00250	U	0.00300	U
Acetone	67-64-1	0.05	100	100	**0.0790**		0.0130		0.0100		0.0150		0.00550	J	0.00780	J
Acrolein	107-02-8	~	~	~	0.00480	U	0.00480	U	0.00490	U	0.00560	U	0.00490	U	0.00590	U
Acrylonitrile	107-13-1	~	~	~	0.00240	U	0.00240	U	0.00240	U	0.00280	U	0.00250	U	0.00300	U
Benzene	71-43-2	0.06	4.8	2.9	0.00240	U	0.00240	U	0.00240	U	0.00280	U	0.00250	U	0.00300	U
Bromobenzene	108-86-1	~	~	~	0.00240	U	0.00240	U	0.00240	U	0.00280	U	0.00250	U	0.00300	U
Bromochloromethane	74-97-5	~	~	~	0.00240	U	0.00240	U	0.00240	U	0.00280	U	0.00250	U	0.00300	U
Bromodichloromethane	75-27-4	~	~	~	0.00240	U	0.00240	U	0.00240	U	0.00280	U	0.00250	U	0.00300	U
Bromoform	75-25-2	~	~	~	0.00240	U	0.00240	U	0.00240	U	0.00280	U	0.00250	U	0.00300	U
Bromomethane	74-83-9	~	~	~	0.00240	U	0.00240	U	0.00240	U	0.00280	U	0.00250	U	0.00300	U
Carbon disulfide	75-15-0	~	~	~	0.00240	U	0.00240	U	0.00240	U	0.00280	U	0.00250	U	0.00300	U
Carbon tetrachloride	56-23-5	0.76	2.4	1.4	0.00240	U	0.00240	U	0.00240	U	0.00280	U	0.00250	U	0.00300	U
Chlorobenzene	108-90-7	1.1	100	100	0.00240	U	0.00240	U	0.00240	U	0.00280	U	0.00250	U	0.00300	U
Chloroethane	75-00-3	~	~	~	0.00240	U	0.00240	U	0.00240	U	0.00280	U	0.00250	U	0.00300	U
Chloroform	67-66-3	0.37	49	10	0.00240	U	0.00240	U	0.00240	U	0.00280	U	0.00250	U	0.00300	U
Chloromethane	74-87-3	~	~	~	0.00240	U	0.00240	U	0.00240	U	0.00280	U	0.00250	U	0.00300	U
cis-1,2-Dichloroethylene	156-59-2	0.25	100	59	0.00240	U	0.00240	U	0.00240	U	0.00280	U	0.00250	U	0.00300	U
cis-1,3-Dichloropropylene	10061-01-5	~	~	~	0.00240	U	0.00240	U	0.00240	U	0.00280	U	0.00250	U	0.00300	U
Cyclohexane	110-82-7	~	~	~	0.00240	U	0.00240	U	0.00240	U	0.00280	U	0.00250	U	0.00300	U
Dibromochloromethane	124-48-1	~	~	~	0.00240	U	0.00240	U	0.00240	U	0.00280	U	0.00250	U	0.00300	U
Dibromomethane	74-95-3	~	~	~	0.00240	U	0.00240	U	0.00240	U	0.00280	U	0.00250	U	0.00300	U
Dichlorodifluoromethane	75-71-8	~	~	~	0.00240	U	0.00240	U	0.00240	U	0.00280	U	0.00250	U	0.00300	U
Ethyl Benzene	100-41-4	1	41	30	0.00240	U	0.00240	U	0.00240	U	0.00280	U	0.00250	U	0.00300	U
Hexachlorobutadiene	87-68-3	~	~	~	0.00240	U	0.00240	U	0.00240	U	0.00280	U	0.00250	U	0.00300	U
Isopropylbenzene	98-82-8	~	~	~	0.00240	U	0.00240	U	0.00240	U	0.00280	U	0.00250	U	0.00300	U
Methyl acetate	79-20-9	~	~	~	0.00240	U	0.00240	U	0.00240	U	0.00280	U	0.00250	U	0.00300	U
Methyl tert-butyl ether (MTBE)	1634-04-4	0.93	100	62	0.00240	U	0.00240	U	0.00240	U	0.00280	U	0.00250	U	0.00300	U
Methylcyclohexane	108-87-2	~	~	~	0.00240	U	0.00240	U	0.00240	U	0.00280	U	0.00250	U	0.00300	U
Methylene chloride	75-09-2	0.05	100	51	0.00480	U	0.00480	U	0.00950	J	0.00750	J	0.00490	U	0.0120	
n-Butylbenzene	104-51-8	12	100	100	0.00240	U	0.00240	U	0.00240	U	0.00280	U	0.00250	U	0.00300	U
n-Propylbenzene	103-65-1	3.9	100	100	0.00240	U	0.00240	U	0.00240	U	0.00280	U	0.00250	U	0.00300	U
o-Xylene	95-47-6	~	~	~	0.00240	U	0.00240	U	0.00240	U	0.00280	U	0.00250	U	0.00300	U
p- & m- Xylenes	179601-23-1	~	~	~	0.00480	U	0.00480	U	0.00490	U	0.00560	U	0.00490	U	0.00590	U
p-Isopropyltoluene	99-87-6	~	~	~	0.00240	U	0.00240	U	0.00240	U	0.00280	U	0.00250	U	0.00300	U
sec-Butylbenzene	135-98-8	11	100	100	0.00240	U	0.00240	U	0.00240	U	0.00280	U	0.00250	U	0.00300	U
Styrene	100-42-5	~	~	~	0.00240	U	0.00240	U	0.00240	U	0.00280	U	0.00250	U	0.00300	U
tert-Butyl alcohol (TBA)	75-65-0	~	~	~	0.00240	U	0.00240	U	0.00240	U	0.00280	U	0.00250	U	0.00300	U
tert-Butylbenzene	98-06-6	5.9	100	100	0.00240	U	0.00240	U	0.00240	U	0.00280	U	0.00250	U	0.00300	U
Tetrachloroethylene	127-18-4	1.3	19	5.5	0.00610		0.0100		0.00330	J	0.00500	J	0.00250	U	0.00300	U
Toluene	108-88-3	0.7	100	100	0.00240	U	0.00240	U	0.00240	U	0.00280	U	0.00250	U	0.00300	U
trans-1,2-Dichloroethylene	156-60-5	0.19	100	100	0.00240	U	0.00240	U	0.00240	U	0.00280	U	0.00250	U	0.00300	U
trans-1,3-Dichloropropylene	10061-02-6	~	~	~	0.00240	U	0.00240	U	0.00240	U	0.00280	U	0.00250	U	0.00300	U
Trichloroethylene	79-01-6	0.47	21	10	0.00240	U	0.00240	U	0.00240	U	0.00280	U	0.00250	U	0.00300	U
Trichlorofluoromethane	75-69-4	~	~	~	0.00240	U	0.00240	U	0.00240	U	0.00280	U	0.00250	U	0.00300	U
Vinyl acetate	108-05-4	~	~	~	0.00240	U	0.00240	U	0.00240	U	0.00280	U	0.00250	U	0.00300	U
Vinyl Chloride	75-01-4	0.02	0.9	0.21	0.00240	U	0.00240	U	0.00240	U	0.00280	U	0.00250	U	0.00300	U
Xylenes, Total	1330-20-7	0.26	100	100	0.00720	U	0.00730	U	0.00730	U	0.00840	U	0.00740	U	0.00890	U
Volatile Organics, Tentatively Identified Cmpds.					mg/kg		mg/kg		mg/kg		mg/kg		mg/kg		mg/kg	
Dilution Factor					1		1		1		1		1		1	
Tentatively Identified Compounds		~	~	~	0	U	0	U	0	U	0	U	0	U	0	U
Total Solids					%		%		%		%		%		%	
Dilution Factor					1		1		1		1		1		1	
% Solids	solids	~	~	~	94		92.700		93.100		94.400		93.800		95.100	

NOTES:
Any Regulatory Exceedences are color coded by Regulation

Q is the Qualifier Column with definitions as follows:
D=result is from an analysis that required a dilution
J=analyte detected at or above the MDL (method detection limit) but below the RL (Reporting Limit) - data is estimated
U=analyte not detected at or above the level indicated
B=analyte found in the analysis batch blank
E=result is estimated and cannot be accurately reported due to levels encountered or interferences
P=this flag is used for pesticide and PCB (Aroclor) target compounds when there is a % difference for detected concentrations that exceed method dictated limits between the two GC columns used for analysis
NT=this indicates the analyte was not a target for this sample
~=this indicates that no regulatory limit has been established for this analyte

Table 5 - 2021 RI Groundwater Analytical Results Summary
13-12, 13-16, and 13-24 Beach Channel Drive, Far Rockaway, NY

BCP #C241254

LOCATION			MW-4S		MW-4I		MW-5		MW-6		MW-7S		MW-7I		MW-8S		MW-8I		MW-9S		MW-9I		MW-10		EQUIPMENT BLANK #4		TRIP BLANK		DUP-1	
SAMPLING DATE			9/30/2021		9/30/2021		9/30/2021		9/30/2021		9/30/2021		9/30/2021		9/30/2021		9/30/2021		9/30/2021		9/30/2021		9/30/2021		9/30/2021		9/30/2021		9/30/2021	
LAB SAMPLE ID			L2153295-01		L2153295-02		L2153295-03		L2153295-04		L2153295-06		L2153295-05		L2153295-07		L2153295-08		L2153295-09		L2153295-10		L2153295-11		L2153295-12		L2153295-13		L2153295-14	
SAMPLE TYPE			WATER		WATER		WATER		WATER		WATER		WATER		WATER		WATER		WATER		WATER		WATER		WATER		WATER		WATER	
	NY-AWQS	Units	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual
Volatile Organics by GC/MS																														
Methylene chloride	5	ug/l	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U
1,1-Dichloroethane	5	ug/l	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U
Chloroform	7	ug/l	0.96	J	***8.3***		***28***		2.8		2.5	U	***20***		2.5	U	2.5	U	2.5	U	2.5	U	***12***		2.5	U	2.5	U	2.5	U
Carbon tetrachloride	5	ug/l	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U
1,2-Dichloropropane	1	ug/l	***1***	U	***1***	U	***1***	U	***1***	U	***1***	U	***1***	U	***1***	U	***1***	U	***1***	U	***1***	U	***1***	U	***1***	U	***1***	U	***1***	U
Dibromochloromethane	50	ug/l	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U
1,1,2-Trichloroethane	1	ug/l	***1.5***	U	***1.5***	U	***1.5***	U	***1.5***	U	***1.5***	U	***1.5***	U	***1.5***	U	***1.5***	U	***1.5***	U	***1.5***	U	***1.5***	U	***1.5***	U	***1.5***	U	***1.5***	U
Tetrachloroethene	5	ug/l	1.3		1.2		1.8		2.7		1.1		***16***		1		1		1.2		1.2		***92***		0.5	U	0.5	U	1	
Chlorobenzene	5	ug/l	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U
Trichlorofluoromethane	5	ug/l	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U
1,2-Dichloroethane	0.6	ug/l	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.17	J	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U
1,1,1-Trichloroethane	5	ug/l	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U
Bromodichloromethane	50	ug/l	0.5	U	0.28	J	2		0.5	U	0.5	U	0.78		0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U
trans-1,3-Dichloropropene	0.4	ug/l	***0.5***	U	***0.5***	U	***0.5***	U	***0.5***	U	***0.5***	U	***0.5***	U	***0.5***	U	***0.5***	U	***0.5***	U	***0.5***	U	***0.5***	U	***0.5***	U	***0.5***	U	***0.5***	U
cis-1,3-Dichloropropene	0.4	ug/l	***0.5***	U	***0.5***	U	***0.5***	U	***0.5***	U	***0.5***	U	***0.5***	U	***0.5***	U	***0.5***	U	***0.5***	U	***0.5***	U	***0.5***	U	***0.5***	U	***0.5***	U	***0.5***	U
1,3-Dichloropropene, Total		ug/l	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U
1,1-Dichloropropene	5	ug/l	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U
Bromoform	50	ug/l	2	U	2	U	2	U	2	U	2	U	2	U	2	U	2	U	2	U	2	U	2	U	2	U	2	U	2	U
1,1,2,2-Tetrachloroethane	5	ug/l	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U
Benzene	1	ug/l	0.5	U	0.17	J	0.5	U	0.5	U	0.5	U	0.29	J	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U
Toluene	5	ug/l	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U
Ethylbenzene	5	ug/l	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U
Chloromethane		ug/l	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U
Bromomethane	5	ug/l	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U
Vinyl chloride	2	ug/l	1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U
Chloroethane	5	ug/l	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U
1,1-Dichloroethene	5	ug/l	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U
trans-1,2-Dichloroethene	5	ug/l	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U
Trichloroethene	5	ug/l	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.32	J	0.25	J	0.22	J	0.18	J	0.18	J	0.49	J	0.5	U	0.5	U	0.18	J
1,2-Dichlorobenzene	3	ug/l	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U
1,3-Dichlorobenzene	3	ug/l	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U
1,4-Dichlorobenzene	3	ug/l	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U
Methyl tert butyl ether	10	ug/l	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U	0.82	J	0.82	J	2.5	U	2.5	U	2.5	U	2.5	U
p/m-Xylene	5	ug/l	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U
o-Xylene	5	ug/l	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U
Xylenes, Total		ug/l	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U
cis-1,2-Dichloroethene	5	ug/l	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U
1,2-Dichloroethene, Total		ug/l	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U
Dibromomethane	5	ug/l	***5***	U	***5***	U	***5***	U	***5***	U	***5***	U	***5***	U	***5***	U	***5***	U	***5***	U	***5***	U	***5***	U	***5***	U	***5***	U	***5***	U
1,2,3-Trichloropropane	0.04	ug/l	***2.5***	U	***2.5***	U	***2.5***	U	***2.5***	U	***2.5***	U	***2.5***	U	***2.5***	U	***2.5***	U	***2.5***	U	***2.5***	U	***2.5***	U	***2.5***	U	***2.5***	U	***2.5***	U
Acrylonitrile	5	ug/l	***5***	U	***5***	U	***5***	U	***5***	U	***5***	U	***5***	U	***5***	U	***5***	U	***5***	U	***5***	U	***5***	U	***5***	U	***5***	U	***5***	U
Styrene	5	ug/l	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U
Dichlorodifluoromethane	5	ug/l	***5***	U	***5***	U	***5***	U	***5***	U	***5***	U	***5***	U	***5***	U	***5***	U	***5***	U	***5***	U	***5***	U	***5***	U	***5***	U	***5***	U
Acetone	50	ug/l	5	U	15		5	U	5	U	5	U	18		5	U	5	U	1.5	J	5	U	5	U	1.8	J	5	U	5	U
Carbon disulfide	60	ug/l	5	U	1.5	J	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U
2-Butanone	50	ug/l	5	U	1.9	J	5	U	5	U	5	U	3.9	J	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U
Vinyl acetate		ug/l	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U
4-Methyl-2-pentanone		ug/l	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U
2-Hexanone	50	ug/l	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U
Bromochloromethane	5	ug/l	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U
2,2-Dichloropropane	5	ug/l	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U
1,2-Dibromoethane	0.0006	ug/l	***2***	U	***2***	U	***2***	U	***2***	U	***2***	U	***2***	U	***2***	U	***2***	U	***2***	U	***2***	U	***2***	U	***2***	U	***2***	U	***2***	U
1,3-Dichloropropane	5	ug/l	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U
1,1,1,2-Tetrachloroethane	5	ug/l	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U
Bromobenzene	5	ug/l	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U
n-Butylbenzene	5	ug/l	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U
sec-Butylbenzene	5	ug/l	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U
tert-Butylbenzene	5	ug/l	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U
o-Chlorotoluene	5	ug/l	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U
p-Chlorotoluene	5	ug/l	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U
1,2-Dibromo-3-chloropropane	0.04	ug/l	***2.5***	U	***2.5***	U	***2.5***	U	***2.5***	U	***2.5***	U	***2.5***	U	***2.5***	U	***2.5***	U	***2.5***	U	***2.5***	U	***2.5***	U	***2.5***	U	***2.5***	U	***2.5***	U
Hexachlorobutadiene	0.5	ug/l	***2.5***	U	***2.5***	U	***2.5***	U	***2.5***	U	***2.5***	U	***2.5***	U	***2.5***	U	***2.5***	U	***2.5***	U	***2.5***	U	***2.5***	U	***2.5***	U	***2.5***	U	***2.5***	U
Isopropylbenzene	5	ug/l	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U
p-Isopropyltoluene	5	ug/l	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U
Naphthalene	10	ug/l	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U
n-Propylbenzene	5	ug/l	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U
1,2,3-Trichlorobenzene	5	ug/l	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U
1,2,4-Trichlorobenzene	5	ug/l	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U
1,3,5-Trimethylbenzene	5	ug/l	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U
1,2,4-Trimethylbenzene	5	ug/l	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U
1,4-Dioxane		ug/l	250	U	250	U	250	U	250	U	250	U	250	U	250	U	250	U	250	U	250	U	250	U	250	U	250	U	250	U
p-Diethylbenzene		ug/l	2	U	2	U	2	U	2	U	2	U	2	U	2	U	2	U	2	U	2	U	2	U	2	U	2	U	2	U
p-Ethyltoluene		ug/l	2	U	2	U	2	U	2	U	2	U	2	U	2	U	2	U	2	U	2	U	2	U	2	U	2	U	2	U
1,2,4,5-Tetramethylbenzene	5	ug/l	2	U	2	U	2	U	2	U	2	U	2	U	2	U	2	U	2	U	2	U	2	U	2	U	2	U	2	U
Ethyl ether		ug/l	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U
trans-1,4-Dichloro-2-butene	5	ug/l	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U

Table 5 - 2021 RI Groundwater Analytical Results Summary
13-12, 13-16, and 13-24 Beach Channel Drive, Far Rockaway, NY

BCP #C241254

LOCATION			MW-4S		MW-4I		MW-5		MW-6		MW-7S		MW-7I		MW-8S		MW-8I		MW-9S		MW-9I		MW-10		EQUIPMENT BLANK #4		TRIP BLANK		DUP-1	
SAMPLING DATE			9/30/2021		9/30/2021		9/30/2021		9/30/2021		9/30/2021		9/30/2021		9/30/2021		9/30/2021		9/30/2021		9/30/2021		9/30/2021		9/30/2021		9/30/2021		9/30/2021	
LAB SAMPLE ID			L2153295-01		L2153295-02		L2153295-03		L2153295-04		L2153295-06		L2153295-05		L2153295-07		L2153295-08		L2153295-09		L2153295-10		L2153295-11		L2153295-12		L2153295-13		L2153295-14	
SAMPLE TYPE			WATER		WATER		WATER		WATER		WATER		WATER		WATER		WATER		WATER		WATER		WATER		WATER		WATER		WATER	
	NY-AWQS	Units	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual
Semivolatile Organics by GC/MS																														
1,2,4-Trichlorobenzene	5	ug/l	***5***	U	***5***	U	***5***	U	***5***	U	***5***	U	***5***	U	***5***	U	***5***	U	***5***	U	***5***	U	***5***	U	***5***	U	-	-	***5***	U
Bis(2-chloroethyl)ether	1	ug/l	***2***	U	***2***	U	***2***	U	***2***	U	***2***	U	***2***	U	***2***	U	***2***	U	***2***	U	***2***	U	***2***	U	***2***	U	-	-	***2***	U
1,2-Dichlorobenzene	3	ug/l	2	U	2	U	2	U	2	U	2	U	2	U	2	U	2	U	2	U	2	U	2	U	2	U	-	-	2	U
1,3-Dichlorobenzene	3	ug/l	2	U	2	U	2	U	2	U	2	U	2	U	2	U	2	U	2	U	2	U	2	U	2	U	-	-	2	U
1,4-Dichlorobenzene	3	ug/l	2	U	2	U	2	U	2	U	2	U	2	U	2	U	2	U	2	U	2	U	2	U	2	U	-	-	2	U
3,3'-Dichlorobenzidine	5	ug/l	***5***	U	***5***	U	***5***	U	***5***	U	***5***	U	***5***	U	***5***	U	***5***	U	***5***	U	***5***	U	***5***	U	***5***	U	-	-	***5***	U
2,4-Dinitrotoluene	5	ug/l	***5***	U	***5***	U	***5***	U	***5***	U	***5***	U	***5***	U	***5***	U	***5***	U	***5***	U	***5***	U	***5***	U	***5***	U	-	-	***5***	U
2,6-Dinitrotoluene	5	ug/l	***5***	U	***5***	U	***5***	U	***5***	U	***5***	U	***5***	U	***5***	U	***5***	U	***5***	U	***5***	U	***5***	U	***5***	U	-	-	***5***	U
4-Chlorophenyl phenyl ether		ug/l	2	U	2	U	2	U	2	U	2	U	2	U	2	U	2	U	2	U	2	U	2	U	2	U	-	-	2	U
4-Bromophenyl phenyl ether		ug/l	2	U	2	U	2	U	2	U	2	U	2	U	2	U	2	U	2	U	2	U	2	U	2	U	-	-	2	U
Bis(2-chloroisopropyl)ether	5	ug/l	2	U	2	U	2	U	2	U	2	U	2	U	2	U	2	U	2	U	2	U	2	U	2	U	-	-	2	U
Bis(2-chloroethoxy)methane	5	ug/l	***5***	U	***5***	U	***5***	U	***5***	U	***5***	U	***5***	U	***5***	U	***5***	U	***5***	U	***5***	U	***5***	U	***5***	U	-	-	***5***	U
Hexachlorocyclopentadiene	5	ug/l	***20***	U	***20***	U	***20***	U	***20***	U	***20***	U	***20***	U	***20***	U	***20***	U	***20***	U	***20***	U	***20***	U	***20***	U	-	-	***20***	U
Isophorone	50	ug/l	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U	-	-	5	U
Nitrobenzene	0.4	ug/l	***2***	U	***2***	U	***2***	U	***2***	U	***2***	U	***2***	U	***2***	U	***2***	U	***2***	U	***2***	U	***2***	U	***2***	U	-	-	***2***	U
NDPA/DPA	50	ug/l	2	U	2	U	2	U	2	U	2	U	2	U	2	U	2	U	2	U	2	U	2	U	2	U	-	-	2	U
n-Nitrosodi-n-propylamine		ug/l	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U	-	-	5	U
Bis(2-ethylhexyl)phthalate	5	ug/l	2.1	J	3	U	3	U	3	U	2.9	J	3	U	3.4		2.5	J	2.2	J	3	U	3	U	3	U	-	-	3	U
Butyl benzyl phthalate	50	ug/l	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U	-	-	5	U
Di-n-butylphthalate	50	ug/l	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U	-	-	5	U
Di-n-octylphthalate	50	ug/l	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U	-	-	5	U
Diethyl phthalate	50	ug/l	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U	-	-	5	U
Dimethyl phthalate	50	ug/l	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U	-	-	5	U
Biphenyl		ug/l	2	U	2	U	2	U	2	U	2	U	2	U	2	U	2	U	2	U	2	U	2	U	2	U	-	-	2	U
4-Chloroaniline	5	ug/l	***5***	U	***5***	U	***5***	U	***5***	U	***5***	U	***5***	U	***5***	U	***5***	U	***5***	U	***5***	U	***5***	U	***5***	U	-	-	***5***	U
2-Nitroaniline	5	ug/l	***5***	U	***5***	U	***5***	U	***5***	U	***5***	U	***5***	U	***5***	U	***5***	U	***5***	U	***5***	U	***5***	U	***5***	U	-	-	***5***	U
3-Nitroaniline	5	ug/l	***5***	U	***5***	U	***5***	U	***5***	U	***5***	U	***5***	U	***5***	U	***5***	U	***5***	U	***5***	U	***5***	U	***5***	U	-	-	***5***	U
4-Nitroaniline	5	ug/l	***5***	U	***5***	U	***5***	U	***5***	U	***5***	U	***5***	U	***5***	U	***5***	U	***5***	U	***5***	U	***5***	U	***5***	U	-	-	***5***	U
Dibenzofuran		ug/l	2	U	2	U	2	U	2	U	2	U	2	U	2	U	2	U	2	U	2	U	2	U	2	U	-	-	2	U
1,2,4,5-Tetrachlorobenzene	5	ug/l	***10***	U	***10***	U	***10***	U	***10***	U	***10***	U	***10***	U	***10***	U	***10***	U	***10***	U	***10***	U	***10***	U	***10***	U	-	-	***10***	U
Acetophenone		ug/l	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U	-	-	5	U
2,4,6-Trichlorophenol		ug/l	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U	-	-	5	U
p-Chloro-m-cresol		ug/l	2	U	2	U	2	U	2	U	2	U	2	U	2	U	2	U	2	U	2	U	2	U	2	U	-	-	2	U
2-Chlorophenol		ug/l	2	U	2	U	2	U	2	U	2	U	2	U	2	U	2	U	2	U	2	U	2	U	2	U	-	-	2	U
2,4-Dichlorophenol	1	ug/l	***5***	U	***5***	U	***5***	U	***5***	U	***5***	U	***5***	U	***5***	U	***5***	U	***5***	U	***5***	U	***5***	U	***5***	U	-	-	***5***	U
2,4-Dimethylphenol	50	ug/l	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U	-	-	5	U
2-Nitrophenol		ug/l	10	U	10	U	10	U	10	U	10	U	10	U	10	U	10	U	10	U	10	U	10	U	10	U	-	-	10	U
4-Nitrophenol		ug/l	10	U	10	U	10	U	10	U	10	U	10	U	***10***	U	10	U	10	U	10	U	10	U	10	U	-	-	10	U
2,4-Dinitrophenol	10	ug/l	***20***	U	***20***	U	***20***	U	***20***	U	***20***	U	***20***	U	***20***	U	***20***	U	***20***	U	***20***	U	***20***	U	***20***	U	-	-	***20***	U
4,6-Dinitro-o-cresol		ug/l	10	U	10	U	10	U	10	U	10	U	10	U	10	U	10	U	10	U	10	U	10	U	10	U	-	-	10	U
Phenol	1	ug/l	***5***	U	***5***	U	***5***	U	***5***	U	***5***	U	***5***	U	***5***	U	***5***	U	***5***	U	***5***	U	***5***	U	***5***	U	-	-	***5***	U
2-Methylphenol		ug/l	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U	-	-	5	U
3-Methylphenol/4-Methylphenol		ug/l	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U	-	-	5	U
2,4,5-Trichlorophenol		ug/l	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U	-	-	5	U
Benzoic Acid		ug/l	50	U	50	U	50	U	50	U	50	U	50	U	50	U	50	U	50	U	50	U	50	U	50	U	-	-	50	U
Benzyl Alcohol		ug/l	2	U	2	U	2	U	2	U	2	U	2	U	2	U	2	U	2	U	2	U	2	U	2	U	-	-	2	U
Carbazole		ug/l	2	U	2	U	2	U	2	U	2	U	2	U	2	U	2	U	2	U	2	U	2	U	2	U	-	-	2	U
Acenaphthene	20	ug/l	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	-	-	0.1	U
2-Chloronaphthalene	10	ug/l	0.2	U	0.2	U	0.2	U	0.2	U	0.2	U	0.2	U	0.2	U	0.2	U	0.2	U	0.2	U	0.2	U	0.2	U	-	-	0.2	U
Fluoranthene	50	ug/l	0.02	J	0.04	J	0.05	J	0.1	U	0.1	U	0.04	J	0.02	J	0.03	J	0.13		0.13		0.1	U	0.1	U	-	-	0.1	U
Hexachlorobutadiene	0.5	ug/l	***0.5***	U	***0.5***	U	***0.5***	U	***0.5***	U	***0.5***	U	***0.5***	U	***0.5***	U	***0.5***	U	***0.5***	U	***0.5***	U	***0.5***	U	***0.5***	U	-	-	***0.5***	U
Naphthalene	10	ug/l	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.12		-	-	0.1	U
Benzo(a)anthracene	0.002	ug/l	***0.1***	U	***0.02***	J	***0.1***	U	***0.1***	U	***0.1***	U	***0.1***	U	***0.02***	J	***0.1***	U	***0.07***	J	***0.07***	J	***0.1***	U	***0.1***	U	-	-	***0.1***	U
Benzo(a)pyrene	0	ug/l	***0.1***	U	***0.1***	U	***0.1***	U	***0.1***	U	***0.1***	U	***0.1***	U	***0.1***	U	***0.1***	U	***0.12***		***0.1***		***0.1***	U	***0.1***	U	-	-	***0.1***	U
Benzo(b)fluoranthene	0.002	ug/l	***0.02***	J	***0.02***	J	***0.02***	J	***0.1***	U	***0.02***	J	***0.02***	J	***0.02***	J	***0.03***	J	***0.21***		***0.17***		***0.02***	J	***0.02***	J	-	-	***0.1***	U
Benzo(k)fluoranthene	0.002	ug/l	***0.1***	U	***0.1***	U	***0.1***	U	***0.1***	U	***0.1***	U	***0.1***	U	***0.1***	U	***0.1***	U	***0.07***	J	***0.06***	J	***0.01***	J	***0.1***	U	-	-	***0.1***	U
Chrysene	0.002	ug/l	***0.1***	U	***0.1***	U	***0.1***	U	***0.1***	U	***0.1***	U	***0.1***	U	***0.01***	J	***0.1***	U	***0.08***	J	***0.08***	J	***0.1***	U	***0.1***	U	-	-	***0.1***	U
Acenaphthylene		ug/l	***0.1***	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	-	-	0.1	U
Anthracene	50	ug/l	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	-	-	0.1	U
Benzo(ghi)perylene		ug/l	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.17		0.13		0.03	J	0.1	U	-	-	0.1	U
Fluorene	50	ug/l	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	-	-	0.1	U
Phenanthrene	50	ug/l	0.1	U	0.06	J	0.04	J	0.1	U	0.1	U	0.05	J	0.1	U	0.03	J	0.05	J	0.05	J	0.1	U	0.1	U	-	-	0.1	U
Dibenzo(a,h)anthracene		ug/l	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.03	J	0.03	J	0.1	U	0.1	U	-	-	0.1	U
Indeno(1,2,3-cd)pyrene	0.002	ug/l	***0.1***	U	***0.1***	U	***0.1***	U	***0.1***	U	***0.1***	U	***0.01***	J	***0.1***	U	***0.01***	J	***0.17***		***0.13***		***0.03***	J	***0.1***	U	-	-	***0.1***	U
Pyrene	50	ug/l	0.02	J	0.05	J	0.04	J	0.1	U	0.1	U	0.04	J	0.03	J	0.03	J	0.12		0.11		0.1	U	0.1	U	-	-	0.1	U
2-Methylnaphthalene		ug/l	0.1	U	0.04	J	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.04	J	-	-	0.1	U
Pentachlorophenol	1	ug/l	0.8	U	0.11	J	0.8	U	0.8	U	0.8	U	0.8	U	0.8	U	0.8	U	0.8	U	0.8	U	0.8	U	0.8	U	-	-	0.8	U
Hexachlorobenzene	0.04	ug/l	***0.8***	U	***0.8***	U	***0.8***	U	***0.8***	U	***0.8***	U	***0.8***	U	***0.8***	U	***0.8***	U	***0.8***	U	***0.8***	U	***0.8***	U	***0.8***	U	-	-	***0.8***	U
Hexachloroethane	5	ug/l	0.8	U	0.8	U	0.8	U	0.8	U	0.8	U	0.8	U	0.8	U	0.8	U	0.8	U	0.8	U	0.8	U	0.8	U	-	-	0.8	U
Polychlorinated Biphenyls by GC																														
Aroclor 1016	0.09	ug/l	0.036	U	0.036	U	0.036	U	0.036	U	0.071	U	0.036	U	0.036	U	0.036	U	0.036	U	0.036	U	0.036	U	0.036	U	-	-	0.071	U
Aroclor 1221	0.09	ug/l	0.036	U	0.036	U	0.036	U	0.036	U	0.071	U	0.036	U	0.036	U	0.036	U	0.036	U	0.036	U	0.036	U	0.036	U	-	-	0.071	U
Aroclor 1232	0.09	ug/l	0.036	U	0.036	U	0.036	U	0.036	U	0.071	U	0.036	U	0.036	U	0.036	U	0.036	U	0.036	U	0.036	U	0.036	U	-	-	0.071	U
Aroclor 1242	0.09	ug/l	0.036	U	0.036	U	0.036	U	0.036	U	0.071	U	0.036	U	0.036	U	0.036	U	0.036	U	0.036	U	0.036	U	0.036	U	-	-	0.071	U
Aroclor 1248	0.09	ug/l	0.036	U	0.036	U	0.036	U	0.036	U	0.071	U	0.036	U	0.036	U	0.036	U	0.036	U	0.036	U	0.036	U	0.036	U	-	-	0.071	U
Aroclor 1254	0.09	ug/l	0.036	U	0.036	U	0.036	U	0.036	U	0.071	U	0.036	U	0.036	U	0.036	U	0.036	U	0.036	U	0.036	U	0.036	U	-	-	0.071	U
Aroclor 1260	0.09	ug/l	0.036	U	0.036	U	0.036	U	0.036	U	0.071	U	0.036	U	0.036	U	0.036	U	0.036	U	0.036	U	0.036	U	0.036	U	-	-	0.071	U
Aroclor 1262	0.09	ug/l	0.036	U	0.036	U	0.036	U	0.036	U	0.071	U	0.036	U	0.036	U	0.036	U	0.036	U	0.036	U	0.036	U	0.036	U	-	-	0.071	U
Aroclor 1268	0.09	ug/l	0.036	U	0.036	U	0.036	U	0.036	U	0.071	U	0.036	U	0.036	U	0.036	U	0.036	U	0.036	U	0.036	U	0.036	U	-	-	0.071	U
PCBs, Total		ug/l	0.036	U	0.036	U	0.036	U	0.036	U	0.071	U	0.036	U	0.036	U	0.036	U	0.036	U	0.036	U	0.036	U	0.036	U	-	-	0.071	U

Table 5 - 2021 RI Groundwater Analytical Results Summary
13-12, 13-16, and 13-24 Beach Channel Drive, Far Rockaway, NY

BCP #C241254

LOCATION			MW-4S		MW-4I		MW-5		MW-6		MW-7S		MW-7I		MW-8S		MW-8I		MW-9S		MW-9I		MW-10		EQUIPMENT BLANK #4		TRIP BLANK		DUP-1	
SAMPLING DATE			9/30/2021		9/30/2021		9/30/2021		9/30/2021		9/30/2021		9/30/2021		9/30/2021		9/30/2021		9/30/2021		9/30/2021		9/30/2021		9/30/2021		9/30/2021		9/30/2021	
LAB SAMPLE ID			L2153295-01		L2153295-02		L2153295-03		L2153295-04		L2153295-06		L2153295-05		L2153295-07		L2153295-08		L2153295-09		L2153295-10		L2153295-11		L2153295-12		L2153295-13		L2153295-14	
SAMPLE TYPE			WATER		WATER		WATER		WATER		WATER		WATER		WATER		WATER		WATER		WATER		WATER		WATER		WATER		WATER	
	NY-AWQS	Units	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual
Organochlorine Pesticides by GC																														
Delta-BHC	0.04	ug/l	0.014	U	0.014	U	0.014	U	0.014	U	0.014	U	0.014	U	0.014	U	0.014	U	0.014	U	0.014	U	0.014	U	0.014	U	-	-	0.014	U
Lindane	0.05	ug/l	0.014	U	0.014	U	0.014	U	0.014	U	0.014	U	0.014	U	0.014	U	0.014	U	0.014	U	0.014	U	0.014	U	0.014	U	-	-	0.014	U
Alpha-BHC	0.01	ug/l	***0.014***	U	***0.014***	U	***0.014***	U	***0.014***	U	***0.014***	U	***0.014***	U	***0.014***	U	***0.014***	U	***0.014***	U	***0.014***	U	***0.014***	U	***0.014***	U	-	-	***0.014***	U
Beta-BHC	0.04	ug/l	0.014	U	0.014	U	0.014	U	0.014	U	0.014	U	0.014	U	0.014	U	0.014	U	0.014	U	0.014	U	0.014	U	0.014	U	-	-	0.014	U
Heptachlor	0.04	ug/l	0.014	U	0.014	U	0.014	U	0.014	U	0.014	U	0.014	U	0.014	U	0.014	U	0.014	U	0.014	U	0.014	U	0.014	U	-	-	0.014	U
Aldrin	0	ug/l	***0.014***	U	***0.014***	U	***0.014***	U	***0.014***	U	***0.014***	U	***0.014***	U	***0.014***	U	***0.014***	U	***0.014***	U	***0.014***	U	***0.014***	U	***0.014***	U	-	-	***0.014***	U
Heptachlor epoxide	0.03	ug/l	0.014	U	0.014	U	0.014	U	0.014	U	0.014	U	0.014	U	0.014	U	0.014	U	0.014	U	0.014	U	0.014	U	0.014	U	-	-	0.014	U
Endrin	0	ug/l	***0.029***	U	***0.029***	U	***0.029***	U	***0.029***	U	***0.029***	U	***0.029***	U	***0.029***	U	***0.029***	U	***0.029***	U	***0.029***	U	***0.029***	U	***0.029***	U	-	-	***0.029***	U
Endrin aldehyde	5	ug/l	0.029	U	0.029	U	0.029	U	0.029	U	0.029	U	0.029	U	0.029	U	0.029	U	0.029	U	0.029	U	0.029	U	0.029	U	-	-	0.029	U
Endrin ketone	5	ug/l	0.029	U	0.029	U	0.029	U	0.029	U	0.029	U	0.029	U	0.029	U	0.029	U	0.029	U	0.029	U	0.029	U	0.029	U	-	-	0.029	U
Dieldrin	0.004	ug/l	***0.029***	U	***0.029***	U	***0.029***	U	***0.029***	U	***0.029***	U	***0.029***	U	***0.029***	U	***0.029***	U	***0.029***	U	***0.029***	U	***0.029***	U	***0.029***	U	-	-	***0.029***	U
4,4'-DDE	0.2	ug/l	0.029	U	0.029	U	0.029	U	0.029	U	0.029	U	0.029	U	0.029	U	0.029	U	0.029	U	0.029	U	0.029	U	0.029	U	-	-	0.029	U
4,4'-DDD	0.3	ug/l	0.029	U	0.029	U	0.029	U	0.029	U	0.029	U	0.029	U	0.029	U	0.029	U	0.029	U	0.029	U	0.029	U	0.029	U	-	-	0.029	U
4,4'-DDT	0.2	ug/l	0.029	U	0.029	U	0.029	U	0.029	U	0.029	U	0.029	U	0.029	U	0.029	U	0.029	U	0.029	U	0.029	U	0.029	U	-	-	0.029	U
Endosulfan I		ug/l	0.014	U	0.014	U	0.014	U	0.014	U	0.014	U	0.014	U	0.014	U	0.014	U	0.014	U	0.014	U	0.014	U	0.014	U	-	-	0.014	U
Endosulfan II		ug/l	0.029	U	0.029	U	0.029	U	0.029	U	0.029	U	0.029	U	0.029	U	0.029	U	0.029	U	0.029	U	0.029	U	0.029	U	-	-	0.029	U
Endosulfan sulfate		ug/l	0.029	U	0.029	U	0.029	U	0.029	U	0.029	U	0.029	U	0.029	U	0.029	U	0.029	U	0.029	U	0.029	U	0.029	U	-	-	0.029	U
Methoxychlor	35	ug/l	0.143	U	0.143	U	0.143	U	0.143	U	0.143	U	0.143	U	0.143	U	0.143	U	0.143	U	0.143	U	0.143	U	0.143	U	-	-	0.143	U
Toxaphene	0.06	ug/l	***0.143***	U	***0.143***	U	***0.143***	U	***0.143***	U	***0.143***	U	***0.143***	U	***0.143***	U	***0.143***	U	***0.143***	U	***0.143***	U	***0.143***	U	***0.143***	U	-	-	***0.143***	U
cis-Chlordane		ug/l	0.014	U	0.014	U	0.014	U	0.014	U	0.014	U	0.014	U	0.014	U	0.014	U	0.014	U	0.014	U	0.014	U	0.014	U	-	-	0.014	U
trans-Chlordane		ug/l	0.014	U	0.014	U	0.014	U	0.014	U	0.014	U	0.014	U	0.014	U	0.014	U	0.014	U	0.014	U	0.014	U	0.014	U	-	-	0.014	U
Chlordane	0.05	ug/l	***0.143***	U	***0.143***	U	***0.143***	U	***0.143***	U	***0.143***	U	***0.143***	U	***0.143***	U	***0.143***	U	***0.143***	U	***0.143***	U	***0.143***	U	***0.143***	U	-	-	***0.143***	U
2,4-D	50	ug/l	10	U	10	U	10	U	10	U	10	U	10	U	10	U	10	U	10	U	10	U	10	U	10	U	-	-	10	U
2,4,5-T	35	ug/l	2	U	2	U	2	U	2	U	2	U	2	U	2	U	2	U	2	U	2	U	2	U	2	U	-	-	2	U
2,4,5-TP (Silvex)		ug/l	2	U	2	U	2	U	2	U	2	U	2	U	2	U	2	U	2	U	2	U	2	U	2	U	-	-	2	U
Dissolved Metals																														
Aluminum, Dissolved		ug/l	10	U	10	U	3.77	J	10	U	10	U	13.4		10.8		3.87	J	4.19	J	4.62	J	10	U	-	-	-	-	14	
Antimony, Dissolved	3	ug/l	***4***	U	***4***	U	***4***	U	***4***	U	***4***	U	0.63	J	***4***	U	***4***	U	2.14	J	0.91	J	0.44	J	-	-	-	-	0.62	J
Arsenic, Dissolved	25	ug/l	0.29	J	0.33	J	0.3	J	0.19	J	0.29	J	0.53		0.22	J	0.42	J	0.54		0.4	J	0.17	J	-	-	-	-	0.26	J
Barium, Dissolved	1000	ug/l	79.82		50.19		40.22		42.78		50.21		40.69		50.7		51.69		83.92		74.53		29.63		-	-	-	-	50.43	
Beryllium, Dissolved	3	ug/l	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	-	-	-	-	0.5	U
Cadmium, Dissolved	5	ug/l	0.18	J	0.2	U	0.2	U	0.08	J	0.33		0.2	U	0.61		0.55		0.92		0.55		0.2	U	-	-	-	-	0.6	
Calcium, Dissolved		ug/l	72000		70800		49400		47400		74300		53600		50200		46300		71700		62000		30000		-	-	-	-	53100	
Chromium, Dissolved	50	ug/l	0.7	J	0.59	J	0.89	J	0.65	J	0.66	J	0.72	J	1.13		0.67	J	0.59	J	0.72	J	0.68	J	-	-	-	-	1.18	
Cobalt, Dissolved		ug/l	6.34		4.75		1.46		2.25		9.74		0.46	J	8.36		8.63		13.69		7.17		1.99		-	-	-	-	8.69	
Copper, Dissolved	200	ug/l	1.85		1		0.65	J	1.85		1.2	U	1.2	J	1.88		0.62	J	1.33		1.4		1.47		-	-	-	-	0.86	J
Iron, Dissolved	300	ug/l	***1140***		76.3		71.7		57.8		***1820***		50	U	***1640***		***4580***		***7200***		***4790***		239		-	-	-	-	***1680***	
Lead, Dissolved	25	ug/l	1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U	-	-	-	-	1	U
Magnesium, Dissolved	35000	ug/l	10200		11500		4920		4610		23300		6180		33100		33300		***48700***		***48300***		3210		-	-	-	-	34500	
Manganese, Dissolved	300	ug/l	***605.5***		***1963***		169.2		178.6		***1074***		***373.8***		***1433***		***1470***		***2686***		***2021***		130.5		-	-	-	-	***1475***	
Mercury, Dissolved	0.7	ug/l	0.2	U	0.2	U	0.2	U	0.2	U	0.2	U	0.2	U	0.2	U	0.2	U	0.2	U	0.2	U	0.2	U	-	-	-	-	0.2	U
Nickel, Dissolved	100	ug/l	6.92		4.93		9.09		1.94	J	5.38		4.59		8.68		14.2		31.49		16.03		3.95		-	-	-	-	7.83	
Potassium, Dissolved		ug/l	11100		11800		14100		8330		13500		10500		12800		12900		16600		16000		4730		-	-	-	-	13500	
Selenium, Dissolved	10	ug/l	5	U	5	U	5	U	2.12	J	5	U	5	U	5	U	5	U	5	U	5	U	5	U	-	-	-	-	5	U
Silver, Dissolved	50	ug/l	0.4	U	0.4	U	0.4	U	0.4	U	0.4	U	0.4	U	0.4	U	0.4	U	0.4	U	0.4	U	0.4	U	-	-	-	-	0.4	U
Sodium, Dissolved	20000	ug/l	***525000***		***266000***		***124000***		***162000***		***341000***		***134000***		***156000***		***146000***		***187000***		***152000***		***177000***		-	-	-	-	***164000***	
Thallium, Dissolved	0.5	ug/l	***1***	U	***1***	U	***1***	U	***1***	U	***1***	U	***1***	U	***1***	U	***1***	U	0.24	J	0.15	J	***1***	U	-	-	-	-	***1***	U
Vanadium, Dissolved		ug/l	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U	-	-	-	-	5	U
Zinc, Dissolved	2000	ug/l	9.72	J	10	U	10	U	8.13	J	8.44	J	10	U	12.29		26.16		16.03		13.42		12.1		-	-	-	-	15.99	
Total Metals																														
Aluminum, Total		ug/l	4000		2250		180		107		26.2		5620		225		3830		10100		3070		196		10	U	-	-	102	
Antimony, Total	3	ug/l	0.92	J	0.48	J	0.44	J	0.55	J	***4***	U	1.22	J	***4***	U	0.45	J	0.51	J	***4***	U	0.47	J	***4***	U	-	-	***4***	U
Arsenic, Total	25	ug/l	8.1		6.02		1.06		0.37	J	0.34	J	9.83		0.98		10.58		***27.02***		9.94		0.75		0.5	U	-	-	0.53	
Barium, Total	1000	ug/l	132.7		67.84		41.31		42.57		49.41		85.72		49.41		64.65		116.4		95.46		33.43		0.3	J	-	-	51.25	
Beryllium, Total	3	ug/l	0.25	J	0.16	J	0.5	U	0.5	U	0.5	U	0.36	J	0.5	U	0.25	J	0.61		0.2	J	0.5	U	0.5	U	-	-	0.5	U
Cadmium, Total	5	ug/l	0.3		0.2	U	0.2	U	0.09	J	0.37		0.24		0.63		0.62		0.73		0.87		0.2	U	0.2	U	-	-	0.64	
Calcium, Total		ug/l	84000		74900		53000		51300		83200		62700		56000		51600		67900		73900		29900		100	U	-	-	58800	
Chromium, Total	50	ug/l	***61.8***		41.55		***103.7***		1.76		3.54		***127***		6.85		***116.8***		***196.9***		***58.78***		5.11		0.64	J	-	-	5.34	
Cobalt, Total		ug/l	9.74		7.49		2.54		2.28		9.55		7.5		8.9		11.57		14.74		8.99		2.39		0.5	U	-	-	9.08	
Copper, Total	200	ug/l	24.16		8.25		7.12		2.13		0.6	J	32.61		1.29		21.78		36.47		10.52		2.62		1	U	-	-	0.75	J
Iron, Total	300	ug/l	***14400***		***14300***		***3360***		***348***		***2070***		***21700***		***2610***		***20200***		***47900***		***14900***		***1250***		50	U	-	-	***2040***	
Lead, Total	25	ug/l	***128.4***		7.07		0.44	J	1	U	1	U	***57.69***		0.54	J	8.09		16.41		4.67		0.9	J	1	U	-	-	1	U
Magnesium, Total	35000	ug/l	11700		12200		5280		4840		25400		8080		34500		***35400***		***49300***		***51800***		3100		70	U	-	-	34600	
Manganese, Total	300	ug/l	***810.8***		***2293***		237.5		217.3		***1245***		***738***		***1607***		***1742***		***2566***		***2507***		152.6		1	U	-	-	***1609***	
Mercury, Total	0.7	ug/l	0.22		0.2	U	0.2	U	0.2	U	0.2	U	0.2	U	0.2	U	0.2	U	0.2	U	0.2	U	0.2	U	0.2	U	-	-	0.2	U
Nickel, Total	100	ug/l	15.09		11.1		53.17		1.88	J	6.55		26.68		8.22		27.06		45.85		20.5		4.54		2	U	-	-	8.17	
Potassium, Total		ug/l	13100		12500		14000		8810		15300		11200		14100		14300		17800		18800		4690		100	U	-	-	14400	
Selenium, Total	10	ug/l	2.22	J	5	U	5	U	2.12	J	5	U	5	U	5	U	1.84	J	3.63	J	5	U	5	U	5	U	-	-	5	U
Silver, Total	50	ug/l	0.4	U	0.4	U	0.4	U	0.4	U	0.4	U	0.4	U	0.4	U	0.4	U	0.4	U	0.4	U	0.4	U	0.4	U	-	-	0.4	U
Sodium, Total	20000	ug/l	***496000***		***246000***		***119000***		***155000***		***320000***		***123000***		***149000***		***139000***		***141000***		***160000***		***158000***		100	U	-	-	***153000***	
Thallium, Total	0.5	ug/l	***0.6***	J	0.31	J	0.24	J	0.2	J	0.25	J	0.23	J	***0.93***	J	***0.51***	J	0.47	J	0.39	J	0.16	J	***2***	U	-	-	0.3	J
Vanadium, Total		ug/l	17.05		10.68		5	U	5	U	5	U	23.5		5	U	20.15		57.72		17.26		5	U	5	U	-	-	5	U
Zinc, Total	2000	ug/l	56.36		22.61		10	U	10.28		7.83	J	84.31		14.92		61.05		60.8		26.81		15.94		10	U	-	-	13.89	

Table 5 - 2021 RI Groundwater Analytical Results Summary
13-12, 13-16, and 13-24 Beach Channel Drive, Far Rockaway, NY

BCP #C241254

LOCATION			MW-4S		MW-4I		MW-5		MW-6		MW-7S		MW-7I		MW-8S		MW-8I		MW-9S		MW-9I		MW-10		EQUIPMENT BLANK #4		TRIP BLANK		DUP-1	
SAMPLING DATE			9/30/2021		9/30/2021		9/30/2021		9/30/2021		9/30/2021		9/30/2021		9/30/2021		9/30/2021		9/30/2021		9/30/2021		9/30/2021		9/30/2021		9/30/2021		9/30/2021	
LAB SAMPLE ID			L2153295-01		L2153295-02		L2153295-03		L2153295-04		L2153295-06		L2153295-05		L2153295-07		L2153295-08		L2153295-09		L2153295-10		L2153295-11		L2153295-12		L2153295-13		L2153295-14	
SAMPLE TYPE			WATER		WATER		WATER		WATER		WATER		WATER		WATER		WATER		WATER		WATER		WATER		WATER		WATER		WATER	
	NY-AWQS	Units	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual
Perfluorinated Alkyl Acids by Isotope Dilution																														
Perfluorobutanoic Acid (PFBA)	0.1	ug/l	0.00729		0.00695		0.00729		0.00907		0.00985		0.00488		0.00716		0.0065		0.000498	J	0.00759		0.0101		0.00186	U	-	-	0.00716	
Perfluoropentanoic Acid (PFPeA)	0.1	ug/l	0.0131		0.0125		0.0131		0.0124		0.0148		0.00939		0.0111		0.011		0.00159	J	0.0137		0.0243		0.00186	U	-	-	0.0112	
Perfluorobutanesulfonic Acid (PFBS)	0.1	ug/l	0.00565		0.00535		0.00567		0.00442		0.00521		0.00251		0.0049		0.00465		0.000437	J	0.00579		0.00735		0.00186	U	-	-	0.00478	
Perfluorohexanoic Acid (PFHxA)	0.1	ug/l	0.0112		0.0104		0.0112		0.0172		0.0154		0.00728		0.0118		0.00969		0.00159	J	0.0115		0.0209		0.00186	U	-	-	0.0112	
Perfluoroheptanoic Acid (PFHpA)	0.1	ug/l	0.00536		0.00515		0.0053		0.00979		0.0101		0.00305		0.00945		0.00873		0.000588	J	0.00965		0.0173		0.00186	U	-	-	0.00911	
Perfluorohexanesulfonic Acid (PFHxS)	0.1	ug/l	0.00344		0.00358		0.00348		0.00365		0.00564		0.000937	J	0.00754		0.00643		0.00179	U	0.00599		0.00599		0.00186	U	-	-	0.00713	
Perfluorooctanoic Acid (PFOA)	0.01	ug/l	**0.0196**		**0.0191**		**0.0207**		**0.0247**		**0.0354**		**0.0105**		**0.0477**		**0.0373**		**0.00177**	J	**0.0354**		**0.0564**		0.00186	U	-	-	0.043	
1H,1H,2H,2H-Perfluorooctanesulfonic Acid (6:2FTS)	0.1	ug/l	0.00174	U	0.00176	U	0.00178	U	0.00179	U	0.006		0.00222		0.00179	U	0.00185	U	0.00179	U	0.00177	U	0.0018	U	0.00186	U	-	-	0.00177	U
Perfluoroheptanesulfonic Acid (PFHpS)	0.1	ug/l	0.000628	J	0.000634	J	0.000661	J	0.00179	U	0.0026		0.00176	U	0.00101	J	0.000785	J	0.00179	U	0.000775	J	0.00296		0.00186	U	-	-	0.00108	J
Perfluorononanoic Acid (PFNA)	0.1	ug/l	0.00119	J	0.00114	J	0.00131	J	0.00262		0.00525		0.00149	J	0.0033		0.002		0.000555	J	0.00282		0.00492		0.000487	J	-	-	0.00284	
Perfluorooctanesulfonic Acid (PFOS)	0.01	ug/l	**0.0305**		**0.0285**		**0.0292**		**0.109**		**0.0733**		**0.0943**		**0.0621**		**0.0372**		**0.0209**		**0.0336**		**0.118**		0.00186	U	-	-	0.0549	
Perfluorodecanoic Acid (PFDA)	0.1	ug/l	0.00123	J	0.00113	J	0.00118	J	0.00296		0.00218		0.00334		0.00108	J	0.00185	U	0.0013	J	0.000424	J	0.00265		0.00186	U	-	-	0.000882	J
1H,1H,2H,2H-Perfluorodecanesulfonic Acid (8:2FTS)	0.1	ug/l	0.00174	U	0.00176	U	0.00178	U	0.00179	U	0.00179	U	0.00176	U	0.00179	U	0.00185	U	0.00179	U	0.00177	U	0.0018	U	0.00186	U	-	-	0.00177	U
N-Methyl Perfluorooctanesulfonamidoacetic Acid (NMeFOSAA)	0.1	ug/l	0.00174	U	0.00176	U	0.00178	U	0.00179	U	0.00179	U	0.00176	U	0.00179	U	0.00185	U	0.00179	U	0.00177	U	0.0018	U	0.00186	U	-	-	0.00177	U
Perfluoroundecanoic Acid (PFUnA)	0.1	ug/l	0.00174	U	0.00176	U	0.00178	U	0.000258	J	0.00179	U	0.00176	U	0.00179	U	0.00185	U	0.000254	J	0.00177	U	0.000418	J	0.00186	U	-	-	0.00177	U
Perfluorodecanesulfonic Acid (PFDS)	0.1	ug/l	0.00174	U	0.00176	U	0.00178	U	0.00179	U	0.00179	U	0.00176	U	0.00179	U	0.00185	U	0.00179	U	0.00177	U	0.0018	U	0.00186	U	-	-	0.00177	U
Perfluorooctanesulfonamide (FOSA)	0.1	ug/l	0.00174	U	0.00176	U	0.00178	U	0.00179	U	0.00179	U	0.000556	JF	0.00179	U	0.00185	U	0.00179	U	0.00177	U	0.0018	U	0.00186	U	-	-	0.00177	U
N-Ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOSAA)	0.1	ug/l	0.00174	U	0.00176	U	0.00178	U	0.00179	U	0.00179	U	0.00176	U	0.00179	U	0.00185	U	0.00179	U	0.00177	U	0.0018	U	0.00186	U	-	-	0.00177	U
Perfluorododecanoic Acid (PFDoA)	0.1	ug/l	0.00174	U	0.00176	U	0.00178	U	0.00179	U	0.00179	U	0.000338	JF	0.00179	U	0.00185	U	0.00179	U	0.00177	U	0.0018	U	0.00186	U	-	-	0.00177	U
Perfluorotridecanoic Acid (PFTrDA)	0.1	ug/l	0.00174	U	0.00176	U	0.00178	U	0.00179	U	0.00179	U	0.00176	U	0.00179	U	0.00185	U	0.00179	U	0.00177	U	0.0018	U	0.00186	U	-	-	0.00177	U
Perfluorotetradecanoic Acid (PFTA)	0.1	ug/l	0.00174	U	0.00176	U	0.00178	U	0.00179	U	0.00179	U	0.00176	U	0.00179	U	0.00185	U	0.00179	U	0.00177	U	0.0018	U	0.00186	U	-	-	0.00177	U
PFOA/PFOS, Total	0.5	ug/l	0.0501		0.0476		0.0499		0.134		0.109		0.105		0.11		0.0745		0.0227	J	0.069		0.174		0.00186	U	-	-	0.0979	
1,4 Dioxane by 8270D-SIM																														
1,4-Dioxane		ug/l	0.0412	J	0.0763	J	0.0551	J	0.15	U	0.0788	J	0.139	U	0.121	J	0.113	J	0.101	J	0.117	J	0.134	U	0.139	U	-	-	0.124	J
General Chemistry																														
Cyanide, Total	200	ug/l	5	U	5	U	5	U	4	J	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U	-	-	5	U
Cyanide, Dissolved		ug/l	5	U	5	U	1	J	6		2	J	5	U	5	U	5	U	5	U	5	U	5	U	-	-	-	-	-	-
Chromium, Hexavalent	50	ug/l	10	U	10	U	10	U	10	U	10	U	10	U	10	U	10	U	10	U	10	U	10	U	10	U	-	-	10	U
Chromium, Hexavalent (Unfiltered)		ug/l	10	U	6	J	10	U	3	J	10	U	10	U	10	U	50	U	10	U	10	U	10	U	10	U	-	-	10	U

* Comparison is not performed on parameters with non-numeric criteria.
NY-AWQS: New York TOGS 111 Ambient Water Quality Standards criteria reflects all addendum to criteria through June 2004.
ug/l - micrograms per liter
U - not detected
J - lab estimated value
Bold/Italic - minimum detection limit above regulatory standard
Highlighted - exceeds regulatory standard

Table 6

July 2022 Groundwater Sample Analysis Summary

13-12, 13-16, and 13-24 Beach Channel Drive, Far Rockaway, New York

BCP #C241254

Sample ID			MW-1		MW-2		MW-3		MW-4I		MW-4S		MW-5		MW-7I		MW-7S		MW-8I		MW-8S		MW-9I		MW-9S	
York ID		NYSDEC TOGS	22G0719-01		22G0719-02		22G0719-03		22G0719-04		22G0719-05		22G0719-06		22G0719-07		22G0719-08		22G0719-09		22G0719-10		22G0719-11		22G0719-12	
Sampling Date		Standards and	7/14/2022 1:30:00 PM		7/13/2022 8:50:00 AM		7/13/2022 9:35:00 AM		7/13/2022 11:25:00 AM		7/13/2022 12:05:00 PM		7/13/2022 12:55:00 PM		7/14/2022 1:25:00 PM		7/14/2022 12:45:00 PM		7/14/2022 11:05:00 AM		7/14/2022 11:50:00 AM		7/14/2022 2:45:00 PM		7/14/2022 2:10:00 PM	
Client Matrix		Guidance Values - GA	Water		Water		Water		Water		Water		Water		Water		Water		Water		Water		Water		Water	
Compound	**CAS Number**		Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q
VOA, 8260 LOW MASTER		ug/L	ug/L		ug/L		ug/L		ug/L		ug/L		ug/L		ug/L		ug/L		ug/L		ug/L		ug/L		ug/L	
Dilution Factor			1		1		1		1		1		1		1		1		1		1		1		1	
1,1,1,2-Tetrachloroethane	630-20-6	**5**	0.200	U	0.200	U	0.200	U	0.200	U	0.200	U	0.200	U	0.200	U	0.200	U	0.200	U	0.200	U	0.200	U	0.200	U
1,1,1-Trichloroethane	71-55-6	**5**	0.200	U	0.200	U	0.200	U	0.200	U	0.200	U	0.200	U	0.200	U	0.200	U	0.200	U	0.200	U	0.200	U	0.200	U
1,1,2,2-Tetrachloroethane	79-34-5	**5**	0.200	U	0.200	U	0.200	U	0.200	U	0.200	U	0.200	U	0.200	U	0.200	U	0.200	U	0.200	U	0.200	U	0.200	U
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	76-13-1	**5**	0.200	U	0.200	U	0.200	U	0.200	U	0.200	U	0.200	U	0.200	U	0.200	U	0.200	U	0.200	U	0.200	U	0.200	U
1,1,2-Trichloroethane	79-00-5	**1**	0.200	U	0.200	U	0.200	U	0.200	U	0.200	U	0.200	U	0.200	U	0.200	U	0.200	U	0.200	U	0.200	U	0.200	U
1,1-Dichloroethane	75-34-3	**5**	0.200	U	0.200	U	0.200	U	0.200	U	0.200	U	0.200	U	0.200	U	0.200	U	0.200	U	0.200	U	0.200	U	0.200	U
1,1-Dichloroethylene	75-35-4	**5**	0.200	U	0.200	U	0.200	U	0.200	U	0.200	U	0.200	U	0.200	U	0.200	U	0.200	U	0.200	U	0.200	U	0.200	U
1,2,3-Trichlorobenzene	87-61-6	**5**	0.200	U	0.200	U	0.200	U	0.200	U	0.200	U	0.200	U	0.200	U	0.200	U	0.200	U	0.200	U	0.200	U	0.200	U
1,2,3-Trichloropropane	96-18-4	**0.04**	**0.200**	U	**0.200**	U	**0.200**	U	**0.200**	U	**0.200**	U	**0.200**	U	**0.200**	U	**0.200**	U	**0.200**	U	**0.200**	U	**0.200**	U	**0.200**	U
1,2,4-Trichlorobenzene	120-82-1	**5**	0.200	U	0.200	U	0.200	U	0.200	U	0.200	U	0.200	U	0.200	U	0.200	U	0.200	U	0.200	U	0.200	U	0.200	U
1,2,4-Trimethylbenzene	95-63-6	**5**	0.200	U	0.200	U	0.200	U	0.200	U	0.200	U	0.200	U	0.200	U	0.200	U	0.200	U	0.200	U	0.200	U	0.200	U
1,2-Dibromo-3-chloropropane	96-12-8	**0.04**	**0.200**	U	**0.200**	U	**0.200**	U	**0.200**	U	**0.200**	U	**0.200**	U	**0.200**	U	**0.200**	U	**0.200**	U	**0.200**	U	**0.200**	U	**0.200**	U
1,2-Dibromoethane	106-93-4	**0.0006**	**0.200**	U	**0.200**	U	**0.200**	U	**0.200**	U	**0.200**	U	**0.200**	U	**0.200**	U	**0.200**	U	**0.200**	U	**0.200**	U	**0.200**	U	**0.200**	U
1,2-Dichlorobenzene	95-50-1	**3**	0.200	U	0.200	U	0.200	U	0.200	U	0.200	U	0.200	U	0.200	U	0.200	U	0.200	U	0.200	U	0.200	U	0.200	U
1,2-Dichloroethane	107-06-2	**0.6**	0.200	U	0.200	U	0.200	U	0.200	U	0.200	U	0.200	U	0.200	U	0.200	U	0.200	U	0.200	U	0.200	U	0.200	U
1,2-Dichloropropane	78-87-5	**1**	0.200	U	0.200	U	0.200	U	0.200	U	0.200	U	0.200	U	0.200	U	0.200	U	0.200	U	0.200	U	0.200	U	0.200	U
1,3,5-Trimethylbenzene	108-67-8	**5**	0.200	U	0.200	U	0.200	U	0.200	U	0.200	U	0.200	U	0.200	U	0.200	U	0.200	U	0.200	U	0.200	U	0.200	U
1,3-Dichlorobenzene	541-73-1	**3**	0.200	U	0.200	U	0.200	U	0.200	U	0.200	U	0.200	U	0.200	U	0.200	U	0.200	U	0.200	U	0.200	U	0.200	U
1,3-Dichloropropane	142-28-9	**5**	0.200	U	0.200	U	0.200	U	0.200	U	0.200	U	0.200	U	0.200	U	0.200	U	0.200	U	0.200	U	0.200	U	0.200	U
1,4-Dichlorobenzene	106-46-7	**3**	0.200	U	0.200	U	0.200	U	0.200	U	0.200	U	0.200	U	0.200	U	0.200	U	0.200	U	0.200	U	0.200	U	0.200	U
1,4-Dioxane	123-91-1	~	40	U	40	U	40	U	40	U	40	U	40	U	40	U	40	U	40	U	40	U	40	U	40	U
2-Butanone	78-93-3	**50**	5.220		0.200	U	0.200	U	0.230	J	0.200	U	3.190		2.660		4.220		0.530	U	0.870		0.200	U	0.200	U
2-Hexanone	591-78-6	**50**	0.200	U	0.200	U	0.200	U	0.200	U	0.200	U	0.200	U	0.200	U	0.240	J	0.200	U	0.200	U	0.200	U	0.200	U
4-Methyl-2-pentanone	108-10-1	~	0.200	U	0.200	U	0.200	U	0.200	U	0.200	U	0.200	U	0.200	U	0.200	U	0.200	U	0.200	U	0.200	U	0.200	U
Acetone	67-64-1	**50**	3.080		1.560	J	2.850		13.200		4.350		8.410		14.300		10.100		2.080		1.160	J	1.460	J	1	U
Acrolein	107-02-8	~	0.200	U	0.200	U	0.200	U	0.210	J	0.200	U	0.200	U	2.830		0.200	U	0.200	U	0.200	U	0.200	U	0.200	U
Acrylonitrile	107-13-1	~	0.200	U	0.200	U	0.200	U	0.200	U	0.200	U	0.200	U	0.200	U	0.200	U	0.200	U	0.200	U	0.200	U	0.200	U
Benzene	71-43-2	**1**	0.200	U	0.200	U	0.200	U	0.200	U	0.200	U	0.200	U	0.200	U	0.200	U	0.200	U	0.200	U	0.200	U	0.200	U
Bromochloromethane	74-97-5	**5**	0.200	U	0.200	U	0.200	U	0.200	U	0.200	U	0.200	U	0.200	U	0.200	U	0.200	U	0.200	U	0.200	U	0.200	U
Bromodichloromethane	75-27-4	**50**	0.200	U	0.200	U	3.420		0.200	U	0.200	U	0.200	U	0.200	U	0.200	U	0.200	U	0.200	U	0.380	J	0.200	U
Bromoform	75-25-2	**50**	0.200	U	0.200	U	0.200	U	0.200	U	0.200	U	0.200	U	0.200	U	0.200	U	0.200	U	0.200	U	0.200	U	0.200	U
Bromomethane	74-83-9	**5**	0.200	U	0.200	U	0.200	U	0.200	U	0.200	U	0.200	U	0.200	U	0.200	U	0.200	U	0.200	U	0.200	U	0.200	U
Carbon disulfide	75-15-0	~	0.200	U	0.200	U	0.200	U	0.200	U	0.200	U	0.200	U	0.810		1.610		0.200	J	0.200	U	0.200	J	0.200	U
Carbon tetrachloride	56-23-5	**5**	0.200	U	0.200	U	0.200	U	0.200	U	0.200	U	0.200	U	0.200	U	0.200	U	0.200	U	0.200	U	0.200	U	0.200	U
Chlorobenzene	108-90-7	**5**	0.200	U	0.200	U	0.200	U	0.200	U	0.200	U	0.200	U	0.200	U	0.200	U	0.200	U	0.200	U	0.200	U	0.200	U
Chloroethane	75-00-3	**5**	0.200	U	0.200	U	0.200	U	0.200	U	0.200	U	0.200	U	0.200	U	0.200	U	0.200	U	0.200	U	0.200	U	0.200	U
Chloroform	67-66-3	**7**	3.230		0.310	J	**60.700**		1.950		0.780		0.200	U	1.810		3.150		5.930		0.250	J	**8.610**		0.250	J
Chloromethane	74-87-3	**5**	0.200	U	0.200	U	0.200	U	0.230	J	0.200	U	0.200	U	0.200	U	0.300	J	0.200	U	0.200	U	0.200	U	0.200	U
cis-1,2-Dichloroethylene	156-59-2	**5**	0.200	U	0.200	U	0.200	U	0.200	U	0.200	U	0.200	U	0.240	J	1.950		0.200	U	0.200	U	0.200	U	0.200	U
cis-1,3-Dichloropropylene	10061-01-5	**0.4**	0.200	U	0.200	U	0.200	U	0.200	U	0.200	U	0.200	U	0.200	U	0.200	U	0.200	U	0.200	U	0.200	U	0.200	U
Cyclohexane	110-82-7	~	0.200	U	0.200	U	0.200	U	0.200	U	0.200	U	0.200	U	0.200	U	0.200	U	0.200	U	0.200	U	0.200	U	0.200	U
Dibromochloromethane	124-48-1	**50**	0.200	U	0.200	U	0.200	U	0.200	U	0.200	U	0.200	U	0.200	U	0.200	U	0.200	U	0.200	U	0.200	U	0.200	U
Dibromomethane	74-95-3	~	0.200	U	0.200	U	0.200	U	0.200	U	0.200	U	0.200	U	0.200	U	0.200	U	0.200	U	0.200	U	0.200	U	0.200	U
Dichlorodifluoromethane	75-71-8	**5**	0.200	U	0.200	U	0.200	U	0.200	U	0.200	U	0.200	U	0.200	U	0.200	U	0.200	U	0.200	U	0.200	U	0.200	U
Ethyl Benzene	100-41-4	**5**	0.200	U	0.200	U	0.200	U	0.200	U	0.200	U	0.200	U	0.200	U	0.200	U	0.200	U	0.200	U	0.200	U	0.200	U
Hexachlorobutadiene	87-68-3	**0.5**	0.200	U	0.200	U	0.200	U	0.200	U	0.200	U	0.200	U	0.200	U	0.200	U	0.200	U	0.200	U	0.200	U	0.200	U
Isopropylbenzene	98-82-8	**5**	0.200	U	0.200	U	0.200	U	0.200	U	0.200	U	0.200	U	0.200	U	0.200	U	0.200	U	0.200	U	0.200	U	0.200	U
Methyl acetate	79-20-9	~	0.200	U	0.200	U	0.200	U	0.200	U	0.200	U	0.200	U	0.430	J	0.200	U	0.200	U	0.200	U	0.200	U	0.200	U
Methyl tert-butyl ether (MTBE)	1634-04-4	**10**	0.200	U	0.200	U	0.200	U	0.200	U	0.200	U	0.200	U	0.200	U	0.200	U	0.200	U	0.200	U	0.200	U	0.550	
Methylcyclohexane	108-87-2	~	0.200	U	0.200	U	0.200	U	0.200	U	0.200	U	0.200	U	0.200	U	0.200	U	0.200	U	0.200	U	0.200	U	0.200	U
Methylene chloride	75-09-2	**5**	1	U	1.440	J	1	U	1	U	1	U	1	U	1	U	1	U	2.320		1	U	1	U	1	U
Naphthalene	91-20-3	**10**	1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U
n-Butylbenzene	104-51-8	**5**	0.200	U	0.200	U	0.200	U	0.200	U	0.200	U	0.200	U	0.200	U	0.200	U	0.200	U	0.200	U	0.200	U	0.200	U
n-Propylbenzene	103-65-1	**5**	0.200	U	0.200	U	0.200	U	0.200	U	0.200	U	0.200	U	0.200	U	0.200	U	0.200	U	0.200	U	0.200	U	0.200	U
o-Xylene	95-47-6	**5**	0.200	U	0.200	U	0.200	U	0.200	U	0.200	U	0.200	U	0.200	U	0.200	U	0.200	U	0.200	U	0.200	U	0.200	U
p- & m- Xylenes	179601-23-1	~	0.500	U	0.500	U	0.500	U	0.500	U	0.500	U	0.500	U	0.500	U	0.500	U	0.500	U	0.500	U	0.500	U	0.500	U
p-Diethylbenzene	105-05-5	~	0.200	U	0.200	U	0.200	U	0.200	U	0.200	U	0.200	U	0.200	U	0.200	U	0.200	U	0.200	U	0.200	U	0.200	U
p-Ethyltoluene	622-96-8	~	0.200	U	0.200	U	0.200	U	0.200	U	0.200	U	0.200	U	0.200	U	0.200	U	0.200	U	0.200	U	0.200	U	0.200	U
p-Isopropyltoluene	99-87-6	**5**	0.200	U	0.200	U	0.200	U	0.200	U	0.200	U	0.200	U	0.200	U	0.200	U	0.200	U	0.200	U	0.200	U	0.200	U
sec-Butylbenzene	135-98-8	**5**	0.200	U	0.200	U	0.200	U	0.200	U	0.200	U	0.200	U	0.200	U	0.200	U	0.200	U	0.200	U	0.200	U	0.200	U
Styrene	100-42-5	**5**	0.200	U	0.200	U	0.200	U	0.200	U	0.200	U	0.200	U	0.200	U	0.200	U	0.200	U	0.200	U	0.200	U	0.200	U
tert-Butyl alcohol (TBA)	75-65-0	~	0.500	U	0.630	J	0.500	U	0.500	U	0.820	J	2.160		0.500	U	1.640		1.210		0.500	U	0.960	J	0.500	U
tert-Butylbenzene	98-06-6	**5**	0.200	U	0.200	U	0.200	U	0.200	U	0.200	U	0.200	U	0.200	U	0.200	U	0.200	U	0.200	U	0.200	U	0.200	U
Tetrachloroethylene	127-18-4	**5**	0.200	U	0.550		**5.390**		0.490	J	0.610		2		**6.790**		**8.650**		**14.900**		1.280		0.730		1.060	
Toluene	108-88-3	**5**	0.200	U	0.200	U	0.200	U	0.200	U	0.200	U	0.200	U	0.200	U	0.200	U	0.200	U	0.200	U	0.200	U	0.200	U
trans-1,2-Dichloroethylene	156-60-5	**5**	0.200	U	0.200	U	0.200	U	0.200	U	0.200	U	0.200	U	0.200	U	0.200	U	0.200	U	0.200	U	0.200	U	0.200	U
trans-1,3-Dichloropropylene	10061-02-6	**0.4**	0.200	U	0.200	U	0.200	U	0.200	U	0.200	U	0.200	U	0.200	U	0.200	U	0.200	U	0.200	U	0.200	U	0.200	U
Trichloroethylene	79-01-6	**5**	0.200	U	0.200	U	0.200	U	0.200	U	0.200	U	0.200	U	0.200	U	0.290	J	0.200	U	0.200	U	0.200	U	0.200	U
Trichlorofluoromethane	75-69-4	**5**	0.200	U	0.200	U	2.790		0.200	U	0.200	U	0.200	U	0.200	U	0.200	U	0.200	U	0.200	U	0.200	U	0.200	U
Vinyl Chloride	75-01-4	**2**	0.200	U	0.200	U	0.200	U	0.200	U	0.200	U	0.200	U	0.200	U	0.200	U	0.200	U	0.200	U	0.200	U	0.200	U
Xylenes, Total	1330-20-7	**5**	0.600	U	0.600	U	0.600	U	0.600	U	0.600	U	0.600	U	0.600	U	0.600	U	0.600	U	0.600	U	0.600	U	0.600	U
Iron by EPA 6010			ug/L												ug/L		ug/L		ug/L		ug/L		ug/L		ug/L	
Dilution Factor			1												1		1		1		1		1		1	
Iron	7439-89-6	~	890		NT		NT		NT		NT		NT		2,330		4,440		1,620		985		932		3,250	
Iron, Dissolved by EPA 6010			ug/L												ug/L		ug/L		ug/L		ug/L		ug/L		ug/L	
Dilution Factor			1												1		1		1		1		1		1	
Iron	7439-89-6	~	278	U	NT		NT		NT		NT		NT		319		1,180		278	U	576		278	U	2,520	
Sulfide			ug/L												ug/L		ug/L		ug/L		ug/L		ug/L		ug/L	
Dilution Factor			1												1		1		1		1		1		1	
Sulfide	18496-25-8	~	1,000	U	NT		NT		NT		NT		NT		2,000		1,000	U	1,000	U	1,200		1,000	U	1,200	
Nitrate as N			ug/L												ug/L		ug/L		ug/L		ug/L		ug/L		ug/L	
Dilution Factor			1												1		1		1		1		1		1	
Nitrate as N	14797-55-8	~	17,500		NT		NT		NT		NT		NT		50	U	90,800		222		741		1,470		560	
Sulfate as SO4			ug/L												ug/L		ug/L		ug/L		ug/L		ug/L		ug/L	
Dilution Factor			1												1		1		1		1		1		1	
Sulfate	14808-79-8	~	39,400		NT		NT		NT		NT		NT		26,400		5,940		30,000		1,000	U	34,500		1,000	U

NOTES:

Any Regulatory Exceedences are color coded by Regulation

Q is the Qualifier Column with definitions as follows:

D=result is from an analysis that required a dilution

J=analyte detected at or above the MDL (method detection limit) but below the RL (Reporting Limit) - data is estimated

U=analyte not detected at or above the level indicated

B=analyte found in the analysis batch blank

E=result is estimated and cannot be accurately reported due to levels encountered or interferences

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

NT=this indicates the analyte was not a target for this sample

~=this indicates that no regulatory limit has been established for this analyte

Table 6

July 2022 Groundwater Sample Analysis Summary

13-12, 13-16, and 13-24 Beach Channel Drive, Far Rockaway, New York

BCP #C241254

Sample ID			MW-10		MW-11		DUP		Trip		Field Blank (FB)	
York ID		NYSDEC TOGS	22G0719-13		22G0719-17		22G0719-14		22G0719-15		22G0719-16	
Sampling Date		Standards and	7/14/2022 10:00:00 AM		7/13/2022 10:25:00 AM		7/13/2022 9:45:00 AM		7/13/2022 12:00:00 AM		7/13/2022 9:45:00 AM	
Client Matrix		Guidance Values - GA	Water		Water		Water		Water		Water	
Compound	CAS Number		Result	Q	Result	Q	Result	Q	Result	Q	Result	Q
VOA, 8260 LOW MASTER		ug/L	ug/L		ug/L		ug/L		ug/L		ug/L	
Dilution Factor			1		1		1		1		1	
1,1,1,2-Tetrachloroethane	630-20-6	**5**	0.200	U	0.200	U	0.200	U	0.200	U	0.200	U
1,1,1-Trichloroethane	71-55-6	**5**	0.200	U	0.200	U	0.200	U	0.200	U	0.200	U
1,1,2,2-Tetrachloroethane	79-34-5	**5**	0.200	U	0.200	U	0.200	U	0.200	U	0.200	U
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	76-13-1	**5**	0.200	U	0.200	U	0.200	U	0.200	U	0.200	U
1,1,2-Trichloroethane	79-00-5	**1**	0.200	U	0.200	U	0.200	U	0.200	U	0.200	U
1,1-Dichloroethane	75-34-3	**5**	0.200	U	0.200	U	0.200	U	0.200	U	0.200	U
1,1-Dichloroethylene	75-35-4	**5**	0.200	U	0.200	U	0.200	U	0.200	U	0.200	U
1,2,3-Trichlorobenzene	87-61-6	**5**	0.200	U	0.200	U	0.200	U	0.200	U	0.200	U
1,2,3-Trichloropropane	96-18-4	**0.04**	**0.200**	U	**0.200**	U	**0.200**	U	**0.200**	U	**0.200**	U
1,2,4-Trichlorobenzene	120-82-1	**5**	0.200	U	0.200	U	0.200	U	0.200	U	0.200	U
1,2,4-Trimethylbenzene	95-63-6	**5**	0.200	U	0.200	U	0.200	U	0.200	U	0.200	U
1,2-Dibromo-3-chloropropane	96-12-8	**0.04**	**0.200**	U	**0.200**	U	**0.200**	U	**0.200**	U	**0.200**	U
1,2-Dibromoethane	106-93-4	**0.0006**	**0.200**	U	**0.200**	U	**0.200**	U	**0.200**	U	**0.200**	U
1,2-Dichlorobenzene	95-50-1	**3**	0.200	U	0.200	U	0.200	U	0.200	U	0.200	U
1,2-Dichloroethane	107-06-2	**0.6**	0.200	U	0.200	U	0.200	U	0.200	U	0.200	U
1,2-Dichloropropane	78-87-5	**1**	0.200	U	0.200	U	0.200	U	0.200	U	0.200	U
1,3,5-Trimethylbenzene	108-67-8	**5**	0.200	U	0.200	U	0.200	U	0.200	U	0.200	U
1,3-Dichlorobenzene	541-73-1	**3**	0.200	U	0.200	U	0.200	U	0.200	U	0.200	U
1,3-Dichloropropane	142-28-9	**5**	0.200	U	0.200	U	0.200	U	0.200	U	0.200	U
1,4-Dichlorobenzene	106-46-7	**3**	0.200	U	0.200	U	0.200	U	0.200	U	0.200	U
1,4-Dioxane	123-91-1	**~**	40	U	40	U	40	U	40	U	40	U
2-Butanone	78-93-3	**50**	0.200	U	0.200	U	0.200	U	0.200	U	0.200	U
2-Hexanone	591-78-6	**50**	0.200	U	0.200	U	0.200	U	0.200	U	0.200	U
4-Methyl-2-pentanone	108-10-1	**~**	0.200	U	0.200	U	0.200	U	0.200	U	0.200	U
Acetone	67-64-1	**50**	1.190	J	1.950	J	2.220		1	U	1.520	J
Acrolein	107-02-8	**~**	0.200	U	0.200	U	0.200	U	0.200	U	0.200	U
Acrylonitrile	107-13-1	**~**	0.200	U	0.200	U	0.200	U	0.200	U	0.200	U
Benzene	71-43-2	**1**	0.200	U	0.200	U	0.200	U	0.200	U	0.200	U
Bromochloromethane	74-97-5	**5**	0.200	U	0.200	U	0.200	U	0.200	U	0.200	U
Bromodichloromethane	75-27-4	**50**	0.270	J	2.850		3.430		0.200	U	0.200	U
Bromoform	75-25-2	**50**	0.200	U	0.200	U	0.200	U	0.200	U	0.200	U
Bromomethane	74-83-9	**5**	0.200	U	0.200	U	0.200	U	0.200	U	0.200	U
Carbon disulfide	75-15-0	**~**	0.200	U	0.200	U	0.200	U	0.200	U	0.200	U
Carbon tetrachloride	56-23-5	**5**	0.200	U	0.200	U	0.200	U	0.200	U	0.200	U
Chlorobenzene	108-90-7	**5**	0.200	U	0.200	U	0.200	U	0.200	U	0.200	U
Chloroethane	75-00-3	**5**	0.200	U	0.200	U	0.200	U	0.200	U	0.200	U
Chloroform	67-66-3	**7**	4.350		**67.600**		**61.400**		0.200	U	0.200	U
Chloromethane	74-87-3	**5**	0.200	U	0.200	U	0.200	U	0.200	U	0.200	U
cis-1,2-Dichloroethylene	156-59-2	**5**	0.200	U	0.200	U	0.200	U	0.200	U	0.200	U
cis-1,3-Dichloropropylene	10061-01-5	**0.4**	0.200	U	0.200	U	0.200	U	0.200	U	0.200	U
Cyclohexane	110-82-7	**~**	0.200	U	0.200	U	0.200	U	0.200	U	0.200	U
Dibromochloromethane	124-48-1	**50**	0.200	U	0.200	U	0.200	U	0.200	U	0.200	U
Dibromomethane	74-95-3	**~**	0.200	U	0.200	U	0.200	U	0.200	U	0.200	U
Dichlorodifluoromethane	75-71-8	**5**	0.200	U	0.200	U	0.200	U	0.200	U	0.200	U
Ethyl Benzene	100-41-4	**5**	0.200	U	0.200	U	0.200	U	0.200	U	0.200	U
Hexachlorobutadiene	87-68-3	**0.5**	0.200	U	0.200	U	0.200	U	0.200	U	0.200	U
Isopropylbenzene	98-82-8	**5**	0.200	U	0.200	U	0.200	U	0.200	U	0.200	U
Methyl acetate	79-20-9	**~**	0.200	U	0.200	U	0.200	U	0.200	U	0.200	U
Methyl tert-butyl ether (MTBE)	1634-04-4	**10**	0.200	U	0.200	U	0.200	U	0.200	U	0.200	U
Methylcyclohexane	108-87-2	**~**	0.200	U	0.200	U	0.200	U	0.200	U	0.200	U
Methylene chloride	75-09-2	**5**	1	U	1	U	1	U	1.030	J	1.140	J
Naphthalene	91-20-3	**10**	1	U	1	U	1	U	1	U	1	U
n-Butylbenzene	104-51-8	**5**	0.200	U	0.200	U	0.200	U	0.200	U	0.200	U
n-Propylbenzene	103-65-1	**5**	0.200	U	0.200	U	0.200	U	0.200	U	0.200	U
o-Xylene	95-47-6	**5**	0.200	U	0.200	U	0.200	U	0.200	U	0.200	U
p- & m- Xylenes	179601-23-1	**~**	0.500	U	0.500	U	0.500	U	0.500	U	0.500	U
p-Diethylbenzene	105-05-5	**~**	0.200	U	0.200	U	0.200	U	0.200	U	0.200	U
p-Ethyltoluene	622-96-8	**~**	0.200	U	0.200	U	0.200	U	0.200	U	0.200	U
p-Isopropyltoluene	99-87-6	**5**	0.200	U	0.200	U	0.200	U	0.200	U	0.200	U
sec-Butylbenzene	135-98-8	**5**	0.200	U	0.200	U	0.200	U	0.200	U	0.200	U
Styrene	100-42-5	**5**	0.200	U	0.200	U	0.200	U	0.200	U	0.200	U
tert-Butyl alcohol (TBA)	75-65-0	**~**	0.500	U	0.920	J	0.500	U	0.500	U	0.500	U
tert-Butylbenzene	98-06-6	**5**	0.200	U	0.200	U	0.200	U	0.200	U	0.200	U
Tetrachloroethylene	127-18-4	**5**	1.450		**6.890**		**5.720**		0.200	U	0.200	U
Toluene	108-88-3	**5**	0.200	U	0.200	U	0.200	U	0.200	U	0.210	J
trans-1,2-Dichloroethylene	156-60-5	**5**	0.200	U	0.200	U	0.200	U	0.200	U	0.200	U
trans-1,3-Dichloropropylene	10061-02-6	**0.4**	0.200	U	0.200	U	0.200	U	0.200	U	0.200	U
Trichloroethylene	79-01-6	**5**	0.200	U	0.200	U	0.200	U	0.200	U	0.200	U
Trichlorofluoromethane	75-69-4	**5**	0.200	U	0.320	J	3.030		0.200	U	0.200	U
Vinyl Chloride	75-01-4	**2**	0.200	U	0.200	U	0.200	U	0.200	U	0.200	U
Xylenes, Total	1330-20-7	**5**	0.600	U	0.600	U	0.600	U	0.600	U	0.600	U
Iron by EPA 6010			ug/L									
Dilution Factor			1									
Iron	7439-89-6	~	2,490		NT		NT		NT		NT	
Iron, Dissolved by EPA 6010			ug/L									
Dilution Factor			1									
Iron	7439-89-6	~	278	U	NT		NT		NT		NT	
Sulfide			ug/L									
Dilution Factor			1									
Sulfide	18496-25-8	~	1,200		NT		NT		NT		NT	
Nitrate as N			ug/L									
Dilution Factor			1									
Nitrate as N	14797-55-8	~	3,730		NT		NT		NT		NT	
Sulfate as SO4			ug/L									
Dilution Factor			5									
Sulfate	14808-79-8	~	54,200	D	NT		NT		NT		NT	

NOTES:

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Q is the Qualifier Column with definitions as follows:

D=result is from an analysis that required a dilution

J=analyte detected at or above the MDL (method detection limit) but below the RL (Reporting Limit) - '

U=analyte not detected at or above the level indicated

B=analyte found in the analysis batch blank

E=result is estimated and cannot be accurately reported due to levels encountered or interferences

P=this flag is used for pesticide and PCB (Aroclor) target compounds when there is a % difference for d

NT=this indicates the analyte was not a target for this sample

~=this indicates that no regulatory limit has been established for this analyte

DISCLAIMER:

York Analytical Laboratories, Inc. is providing this information as a convenience to you. York makes nc warranties that these data are accurate, complete or represent the latest regulatory authority limits o responsible for any errors or omissions in these specific regulations. Your use of these data constitute of these limitations and you agree to hold York harmless from any and all action that may arise from u information. As regulations change often, we encourage the user to review the regulatory limits and li confirm these data.

Table 7
October 2022 Groundwater Sample Analysis Summary
13-12, 13-16, and 13-24 Beach Channel Drive, Far Rockaway, New York
BCP #C241254

Sample ID			MW-1		MW-7I		MW-7S		MW-8I		MW-8S		MW-9I		MW-9S		MW-10		MW-10	
York ID		NYSDEC TOGS	22J1090-04		22J1090-03		22J1175-03		22J1175-04		22J1090-02		22J1175-02		22J1175-01		22J1090-01		22J1090-01	
Sampling Date		Standards and	10/19/2022 8:55:00 AM		10/19/2022 10:25:00 AM		10/21/2022 7:55:00 AM		10/21/2022 7:10:00 AM		10/19/2022 11:55:00 AM		10/21/2022 8:50:00 AM		10/21/2022 9:50:00 AM		10/19/2022 12:30:00 PM		10/19/2022 12:30:00 PM	
Client Matrix		Guidance Values - GA	Water		Water		Water		Water		Water		Water		Water		Water		Water	
Compound	CAS Number		Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q
VOA, 8260 LOW MASTER		ug/L	ug/L		ug/L		ug/L		ug/L		ug/L		ug/L		ug/L		ug/L		ug/L	
Dilution Factor			1		1		1		1		1		1		1		1		1	
1,1,1,2-Tetrachloroethane	630-20-6	**5**	0.200	U	0.200	U	0.200	U	0.200	U	0.200	U	0.200	U	0.200	U	0.200	U	0.200	U
1,1,1-Trichloroethane	71-55-6	**5**	0.200	U	0.200	U	0.200	U	0.200	U	0.200	U	0.200	U	0.200	U	0.200	U	0.200	U
1,1,2,2-Tetrachloroethane	79-34-5	**5**	0.200	U	0.200	U	0.200	U	0.200	U	0.200	U	0.200	U	0.200	U	0.200	U	0.200	U
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	76-13-1	**5**	0.200	U	0.200	U	0.200	U	0.200	U	0.200	U	0.200	U	0.200	U	0.200	U	0.200	U
1,1,2-Trichloroethane	79-00-5	**1**	0.200	U	0.200	U	0.200	U	0.200	U	0.200	U	0.200	U	0.200	U	0.200	U	0.200	U
1,1-Dichloroethane	75-34-3	**5**	0.200	U	0.200	U	0.200	U	0.200	U	0.200	U	0.200	U	0.200	U	0.200	U	0.200	U
1,1-Dichloroethylene	75-35-4	**5**	0.200	U	0.200	U	0.200	U	0.200	U	0.200	U	0.200	U	0.200	U	0.200	U	0.200	U
1,2,3-Trichlorobenzene	87-61-6	**5**	0.200	U	0.200	U	0.200	U	0.200	U	0.200	U	0.200	U	0.200	U	0.200	U	0.200	U
1,2,3-Trichloropropane	96-18-4	**0.04**	**0.200**	U	**0.200**	U	**0.200**	U	**0.200**	U	**0.200**	U	**0.200**	U	**0.200**	U	**0.200**	U	**0.200**	U
1,2,4-Trichlorobenzene	120-82-1	**5**	0.200	U	0.200	U	0.200	U	0.200	U	0.200	U	0.200	U	0.200	U	0.200	U	0.200	U
1,2,4-Trimethylbenzene	95-63-6	**5**	0.200	U	0.200	U	0.200	U	0.200	U	0.200	U	0.240	J	0.200	U	0.200	U	0.200	U
1,2-Dibromo-3-chloropropane	96-12-8	**0.04**	**0.200**	U	**0.200**	U	**0.200**	U	**0.200**	U	**0.200**	U	**0.200**	U	**0.200**	U	**0.200**	U	**0.200**	U
1,2-Dibromoethane	106-93-4	**0.0006**	**0.200**	U	**0.200**	U	**0.200**	U	**0.200**	U	**0.200**	U	**0.200**	U	**0.200**	U	**0.200**	U	**0.200**	U
1,2-Dichlorobenzene	95-50-1	**3**	0.200	U	0.200	U	0.200	U	0.200	U	0.200	U	0.200	U	0.200	U	0.200	U	0.200	U
1,2-Dichloroethane	107-06-2	**0.6**	0.200	U	0.200	U	0.200	U	0.200	U	0.200	U	0.200	U	0.200	U	0.200	U	0.200	U
1,2-Dichloropropane	78-87-5	**1**	0.200	U	0.200	U	0.200	U	0.200	U	0.200	U	0.200	U	0.200	U	0.200	U	0.200	U
1,3,5-Trimethylbenzene	108-67-8	**5**	0.200	U	0.200	U	0.200	U	0.200	U	0.200	U	0.200	U	0.200	U	0.200	U	0.200	U
1,3-Dichlorobenzene	541-73-1	**3**	0.200	U	0.200	U	0.200	U	0.200	U	0.200	U	0.200	U	0.200	U	0.200	U	0.200	U
1,3-Dichloropropane	142-28-9	**5**	0.200	U	0.200	U	0.200	U	0.200	U	0.200	U	0.200	U	0.200	U	0.200	U	0.200	U
1,4-Dichlorobenzene	106-46-7	**3**	0.200	U	0.200	U	0.200	U	0.200	U	0.200	U	0.200	U	0.200	U	0.200	U	0.200	U
1,4-Dioxane	123-91-1	**~**	40	U	40	U	40	U	40	U	40	U	40	U	40	U	40	U	40	U
2-Butanone	78-93-3	**50**	5.220		1.740		4.220		0.530		0.870		0.200	U	0.200	U	0.200	U	0.200	U
2-Hexanone	591-78-6	**50**	0.200	U	0.200	U	0.240	J	0.200	U	0.200	U	0.200	U	0.200	U	0.200	U	0.200	U
4-Methyl-2-pentanone	108-10-1	**~**	0.200	U	0.200	U	0.200	U	0.200	U	0.200	U	0.200	U	0.200	U	0.200	U	0.200	U
Acetone	67-64-1	**50**	3.080		8.470		10.100		1.000	U	1.290	J	1.460	J	1	U	1.850	J	1.850	J
Acrolein	107-02-8	**~**	0.200	U	0.200	U	0.200	U	0.200	U	0.200	U	0.200	U	0.200	U	0.200	U	0.200	U
Acrylonitrile	107-13-1	**~**	0.200	U	0.200	U	0.200	U	0.200	U	0.200	U	0.200	U	0.200	U	0.200	U	0.200	U
Benzene	71-43-2	**1**	0.200	U	0.870		0.200	U	0.200	U	0.200	U	0.200	U	0.200	U	0.200	U	0.200	U
Bromochloromethane	74-97-5	**5**	0.200	U	0.200	U	0.200	U	0.200	U	0.200	U	0.200	U	0.200	U	0.200	U	0.200	U
Bromodichloromethane	75-27-4	**50**	0.200	U	0.200	U	0.200	U	0.200	U	0.200	U	0.380	J	0.200	U	0.270	J	0.270	J
Bromoform	75-25-2	**50**	0.200	U	0.200	U	0.200	U	0.200	U	0.200	U	0.200	U	0.200	U	0.200	U	0.200	U
Bromomethane	74-83-9	**5**	0.200	U	0.200	U	0.200	U	0.200	U	0.200	U	0.200	U	0.200	U	0.200	U	0.200	U
Carbon disulfide	75-15-0	**~**	0.200	U	0.730		1.610		0.229	J	0.200	U	0.200	J	0.200	U	0.200	U	0.200	U
Carbon tetrachloride	56-23-5	**5**	0.200	U	0.200	U	0.200	U	0.200	U	0.200	U	0.200	U	0.200	U	0.200	U	0.200	U
Chlorobenzene	108-90-7	**5**	0.200	U	0.200	U	0.200	U	0.200	U	0.200	U	0.200	U	0.200	U	0.200	U	0.200	U
Chloroethane	75-00-3	**5**	0.200	U	0.440	J	0.200	U	0.200	U	0.200	U	0.200	U	0.200	U	0.200	U	0.200	U
Chloroform	67-66-3	**7**	0.730	B	1.030	B	0.490	J	0.450	J	0.200	U	1.670		0.230	J	6.490	B	6.490	B
Chloromethane	74-87-3	**5**	0.200	U	2.480		0.300	J	0.200	U	0.270	J	0.200	U	0.200	U	0.520		0.520	
cis-1,2-Dichloroethylene	156-59-2	**5**	0.200	U	1.130		1.950		0.200	U	0.200	U	0.200	U	0.200	U	0.200	U	0.200	U
cis-1,3-Dichloropropylene	10061-01-5	**0.4**	0.200	U	0.200	U	0.200	U	0.200	U	0.200	U	0.200	U	0.200	U	0.200	U	0.200	U
Cyclohexane	110-82-7	**~**	0.200	U	0.200	U	0.200	U	0.200	U	0.200	U	0.200	U	0.200	U	0.200	U	0.200	U
Dibromochloromethane	124-48-1	**50**	0.200	U	0.200	U	0.200	U	0.200	U	0.200	U	0.200	U	0.200	U	0.200	U	0.200	U
Dibromomethane	74-95-3	**~**	0.200	U	0.200	U	0.200	U	0.200	U	0.200	U	0.200	U	0.200	U	0.200	U	0.200	U
Dichlorodifluoromethane	75-71-8	**5**	0.200	U	0.200	U	0.200	U	0.200	U	0.200	U	0.200	U	0.200	U	0.200	U	0.200	U
Ethyl Benzene	100-41-4	**5**	0.200	U	0.200	U	0.200	U	0.200	U	0.200	U	0.200	U	0.200	U	0.200	U	0.200	U
Hexachlorobutadiene	87-68-3	**0.5**	0.200	U	0.200	U	0.200	U	0.200	U	0.200	U	0.200	U	0.200	U	0.200	U	0.200	U
Isopropylbenzene	98-82-8	**5**	0.200	U	0.200	U	0.200	U	0.200	U	0.200	U	0.200	U	0.200	U	0.200	U	0.200	U
Methyl acetate	79-20-9	**~**	0.200	U	0.430	J	0.200	U	0.200	U	0.200	U	0.200	U	0.200	U	0.200	U	0.200	U
Methyl tert-butyl ether (MTBE)	1634-04-4	**10**	0.200	U	0.200	U	0.200	U	0.200	U	0.270	J	0.200	U	0.790		0.200	U	0.200	U
Methylcyclohexane	108-87-2	**~**	0.200	U	0.200	U	0.200	U	0.200	U	0.200	U	0.200	U	0.200	U	0.200	U	0.200	U
Methylene chloride	75-09-2	**5**	1	U	1	U	2.11	B	2.130	B	1	U	2.02	B	2.12	B	1	U	1	U
Naphthalene	91-20-3	**10**	1	U	1	U	1	U	1	U	1	U	1.05	J	5.05		1	U	1	U
n-Butylbenzene	104-51-8	**5**	0.200	U	0.200	U	0.200	U	0.200	U	0.200	U	0.200	U	0.200	U	0.200	U	0.200	U
n-Propylbenzene	103-65-1	**5**	0.200	U	0.200	U	0.200	U	0.200	U	0.200	U	0.200	U	0.200	U	0.200	U	0.200	U
o-Xylene	95-47-6	**5**	0.200	U	0.200	U	0.200	U	0.200	U	0.200	U	0.250	J	0.200	U	0.200	U	0.200	U
p- & m- Xylenes	179601-23-1	**~**	0.500	U	0.500	U	0.500	U	0.500	U	0.500	U	0.500	U	0.500	U	0.500	U	0.500	U
p-Diethylbenzene	105-05-5	**~**	0.200	U	0.200	U	0.200	U	0.200	U	0.200	U	0.200	U	0.200	U	0.200	U	0.200	U
p-Ethyltoluene	622-96-8	**~**	0.200	U	0.200	U	0.200	U	0.200	U	0.200	U	0.200	U	0.200	U	0.200	U	0.200	U
p-Isopropyltoluene	99-87-6	**5**	0.200	U	0.600		0.200	U	0.200	U	0.200	U	0.200	U	0.200	U	0.200	U	0.200	U
sec-Butylbenzene	135-98-8	**5**	0.200	U	0.200	U	0.200	U	0.200	U	0.200	U	0.200	U	0.200	U	0.200	U	0.200	U
Styrene	100-42-5	**5**	0.200	U	0.200	U	0.200	U	0.200	U	0.200	U	0.200	U	0.200	U	0.200	U	0.200	U
tert-Butyl alcohol (TBA)	75-65-0	**~**	0.500	U	3.860		1.640		1.210		0.500	U	0.960	J	0.500	U	0.850	J	0.850	J
tert-Butylbenzene	98-06-6	**5**	0.200	U	0.200	U	0.200	U	0.200	U	0.200	U	0.200	U	0.200	U	0.200	U	0.200	U
Tetrachloroethylene	127-18-4	**5**	0.310	J	**5.220**		1.410		1.240		0.900		0.420	J	0.710		**12.100**		**12.100**	
Toluene	108-88-3	**5**	0.200	U	0.330	J	0.200	U	0.210	J	0.200	U	0.480	J	0.200	U	0.200	U	0.200	U
trans-1,2-Dichloroethylene	156-60-5	**5**	0.200	U	0.200	U	0.200	U	0.200	U	0.200	U	0.200	U	0.200	U	0.200	U	0.200	U
trans-1,3-Dichloropropylene	10061-02-6	**0.4**	0.200	U	0.200	U	0.200	U	0.200	U	0.200	U	0.200	U	0.200	U	0.200	U	0.200	U
Trichloroethylene	79-01-6	**5**	0.200	U	0.200	U	0.310	J	0.200	U	0.200	U	0.200	U	0.200	U	0.200	U	0.200	U
Trichlorofluoromethane	75-69-4	**5**	0.200	U	0.200	U	0.200	U	0.200	U	0.200	U	0.200	U	0.200	U	0.200	U	0.200	U
Vinyl Chloride	75-01-4	**2**	0.200	U	0.500		0.200	U	0.200	U	0.200	U	0.200	U	0.200	U	0.200	U	0.200	U
Xylenes, Total	1330-20-7	**5**	0.600	U	0.600	U	0.600	U	0.600	U	0.600	U	0.720	J	0.600	U	0.600	U	0.600	U
Iron by EPA 6010			ug/L		ug/L		ug/L		ug/L		ug/L		ug/L		ug/L		ug/L		ug/L	
Dilution Factor			1		1		1		1		1		1		1		1		1	
Iron	7439-89-6	~	ND	U	6,900		ND	U	1,250		318		1,630		612		325		325	
Iron, Dissolved by EPA 6010			ug/L		ug/L		ug/L		ug/L		ug/L		ug/L		ug/L		ug/L		ug/L	
Dilution Factor			1		1		1		1		1		1		1		1		1	
Iron	7439-89-6	~	ND	U	ND	U	ND	U	ND	U	ND	U	ND	U	397		ND	U	ND	U
Sulfide			ug/L		ug/L		ug/L		ug/L		ug/L		ug/L		ug/L		ug/L		ug/L	
Dilution Factor			1		1		1		1		1		1		1		1		1	
Sulfide	18496-25-8	~	ND	U	ND	U	1,600		1,600		1,200		ND	U	ND	U	1,200		1,200	
Nitrate as N			ug/L		ug/L		ug/L		ug/L		ug/L		ug/L		ug/L		ug/L		ug/L	
Dilution Factor			10		1		1		1		1		1		1		1		1	
Nitrate as N	14797-55-8	~	16,400		153		3,340		2,230		2,840		2,830		2,070		2,280		2,280	
Sulfate as SO4			ug/L		ug/L		ug/L		ug/L		ug/L		ug/L		ug/L		ug/L		ug/L	
Dilution Factor			1		1		10		10		10		10		10		5		5	
Sulfate	14808-79-8	~	60,700		21,000		109,000		120,000		150,000		46,800		157,000		32,100		32,100	

NOTES:
Any Regulatory Exceedences are color coded by Regulation

Q is the Qualifier Column with definitions as follows:
D=result is from an analysis that required a dilution
J=analyte detected at or above the MDL (method detection limit) but below the RL (Reporting Limit) - data is estimated
U=analyte not detected at or above the level indicated
B=analyte found in the analysis batch blank
E=result is estimated and cannot be accurately reported due to levels encountered or interferences
P=this flag is used for pesticide and PCB (Aroclor) target compounds when there is a % difference for detected concentrations that exceed method dictated limits between the two GC columns used for analysis
NT=this indicates the analyte was not a target for this sample
~=this indicates that no regulatory limit has been established for this analyte

Table 8a: 2020 RI Soil Vapor VOC Results Summary

13-12, 13-16, and 13-24 Beach Channel Drive, Far Rockaway, NY

LOCATION					SV-1		SV-2		SV-3		SV-4		SV-5		SV-6	
SAMPLING DATE					10/27/2020		10/27/2020		10/27/2020		10/27/2020		10/27/2020		10/27/2020	
LAB SAMPLE ID					L2047588-01		L2047588-02		L2047588-03		L2047588-04		L2047588-05		L2047588-06	
SAMPLE TYPE					SOIL_VAPOR		SOIL_VAPOR		SOIL_VAPOR		SOIL_VAPOR		SOIL_VAPOR		SOIL_VAPOR	
SAMPLE DEPTH (ft.)																
	NY-SSC-A	NY-SSC-B	NY-SSC-C	Units	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual
Volatile Organics in Air																
Dichlorodifluoromethane				ug/m3	26.5	U	2.24		1.91		1.76		2.49		2.75	U
Chloromethane				ug/m3	11	U	0.898	U	0.413	U	0.413	U	0.413	U	1.15	U
Freon-114				ug/m3	37.4	U	3.04	U	1.4	U	1.4	U	1.4	U	3.89	U
Vinyl chloride			6	ug/m3	***13.7***	U	1.11	U	0.511	U	0.511	U	0.511	U	1.42	U
1,3-Butadiene				ug/m3	11.8	U	0.962	U	0.442	U	0.442	U	0.442	U	1.23	U
Bromomethane				ug/m3	20.8	U	1.69	U	0.777	U	0.777	U	0.777	U	2.16	U
Chloroethane				ug/m3	14.1	U	1.15	U	0.528	U	0.528	U	0.528	U	1.47	U
Ethanol				ug/m3	252	U	20.5	U	11.4		9.42	U	9.42	U	26.2	U
Vinyl bromide				ug/m3	23.4	U	1.9	U	0.874	U	0.874	U	0.874	U	2.43	U
Acetone				ug/m3	63.4	U	136		177		52		61.3		37.5	
Trichlorofluoromethane				ug/m3	30.1	U	2.44	U	1.55		2.75		3.03		3.12	U
Isopropanol				ug/m3	32.9	U	2.68	U	2.46		1.23	U	1.23	U	3.42	U
1,1-Dichloroethene	6			ug/m3	***21.2***	U	1.72	U	0.793	U	0.793	U	0.793	U	2.2	U
Tertiary butyl Alcohol				ug/m3	40.6	U	3.3	U	1.55		1.52	U	1.52	U	4.21	U
Methylene chloride		100		ug/m3	46.6	U	3.79	U	1.74	U	1.74	U	1.74	U	4.83	U
3-Chloropropene				ug/m3	16.7	U	1.36	U	0.626	U	0.626	U	0.626	U	1.74	U
Carbon disulfide				ug/m3	16.7	U	11.9		0.623	U	1.61		0.632		1.73	U
Freon-113				ug/m3	41	U	3.33	U	1.53	U	1.53	U	1.53	U	4.26	U
trans-1,2-Dichloroethene				ug/m3	21.2	U	1.72	U	0.793	U	0.793	U	0.793	U	2.2	U
1,1-Dichloroethane				ug/m3	21.7	U	1.76	U	0.809	U	0.809	U	0.809	U	2.25	U
Methyl tert butyl ether				ug/m3	19.3	U	1.57	U	0.721	U	0.721	U	0.721	U	2	U
2-Butanone				ug/m3	39.5	U	4.72		9.05		2.11		3.42		4.1	U
cis-1,2-Dichloroethene	6			ug/m3	***21.2***	U	1.72	U	0.793	U	0.793	U	0.793	U	2.2	U
Ethyl Acetate				ug/m3	48.3	U	3.93	U	1.8	U	1.8	U	1.8	U	5.01	U
Chloroform				ug/m3	26.1	U	2.12	U	0.977	U	0.977	U	0.977	U	2.72	U
Tetrahydrofuran				ug/m3	39.5	U	3.21	U	1.47	U	1.47	U	1.47	U	4.1	U
1,2-Dichloroethane				ug/m3	21.7	U	1.76	U	0.809	U	0.809	U	0.809	U	2.25	U
n-Hexane				ug/m3	18.9	U	1.53	U	0.705	U	0.705	U	0.705	U	1.96	U
1,1,1-Trichloroethane		100		ug/m3	29.2	U	7.8		1.09	U	1.09	U	1.09	U	3.03	U
Benzene				ug/m3	17.1	U	1.39	U	0.639	U	0.639	U	0.639	U	1.78	U
Carbon tetrachloride	6			ug/m3	***33.7***	U	2.74	U	1.26	U	1.26	U	1.26	U	3.5	U
Cyclohexane				ug/m3	18.4	U	1.5	U	0.688	U	0.688	U	0.688	U	1.91	U
1,2-Dichloropropane				ug/m3	24.7	U	2.01	U	0.924	U	0.924	U	0.924	U	2.57	U
Bromodichloromethane				ug/m3	35.8	U	2.91	U	1.34	U	1.34	U	1.34	U	3.72	U
1,4-Dioxane				ug/m3	19.3	U	1.57	U	0.721	U	0.721	U	0.721	U	2	U
Trichloroethene	6			ug/m3	***28.8***	U	2.42		1.07	U	1.07	U	1.07	U	2.99	U
2,2,4-Trimethylpentane				ug/m3	25	U	2.03	U	0.934	U	0.934	U	0.934	U	2.6	U
Heptane				ug/m3	21.9	U	1.78	U	0.82	U	0.82	U	0.82	U	2.28	U
cis-1,3-Dichloropropene				ug/m3	24.3	U	1.97	U	0.908	U	0.908	U	0.908	U	2.52	U
4-Methyl-2-pentanone				ug/m3	54.9	U	4.47	U	2.05	U	2.05	U	2.05	U	5.7	U
trans-1,3-Dichloropropene				ug/m3	24.3	U	1.97	U	0.908	U	0.908	U	0.908	U	2.52	U
1,1,2-Trichloroethane				ug/m3	29.2	U	2.37	U	1.09	U	1.09	U	1.09	U	3.03	U
Toluene				ug/m3	20.2	U	1.64	U	1.14		0.754	U	0.754	U	2.1	U
2-Hexanone				ug/m3	21.9	U	1.78	U	2.73		0.82	U	0.82	U	2.28	U
Dibromochloromethane				ug/m3	45.6	U	3.71	U	1.7	U	1.7	U	1.7	U	4.74	U
1,2-Dibromoethane				ug/m3	41.1	U	3.34	U	1.54	U	1.54	U	1.54	U	4.27	U
Tetrachloroethene		100		ug/m3	**15800**		**1040**		**129**		88.2		**113**		**1050**	

Table 8a: 2020 RI Soil Vapor VOC Results Summary

13-12, 13-16, and 13-24 Beach Channel Drive, Far Rockaway, NY

Chlorobenzene				ug/m3	24.6	U	2	U	0.921	U	0.921	U	0.921	U	2.56	U
Ethylbenzene				ug/m3	23.2	U	1.89	U	0.869	U	0.869	U	0.869	U	2.42	U
p/m-Xylene				ug/m3	46.5	U	3.78	U	2.47		1.74	U	1.74	U	4.82	U
Bromoform				ug/m3	55.3	U	4.5	U	2.07	U	2.07	U	2.07	U	5.75	U
Styrene				ug/m3	22.8	U	1.85	U	0.852	U	0.852	U	0.852	U	2.37	U
1,1,2,2-Tetrachloroethane				ug/m3	36.7	U	2.99	U	1.37	U	1.37	U	1.37	U	3.82	U
o-Xylene				ug/m3	23.2	U	1.89	U	1.07		0.869	U	0.869	U	2.42	U
4-Ethyltoluene				ug/m3	26.3	U	2.14	U	0.983	U	0.983	U	0.983	U	2.73	U
1,3,5-Trimethylbenzene				ug/m3	26.3	U	2.14	U	0.983	U	0.983	U	0.983	U	2.73	U
1,2,4-Trimethylbenzene				ug/m3	26.3	U	2.14	U	2.72		0.983	U	1.48		2.73	U
Benzyl chloride				ug/m3	27.7	U	2.25	U	1.04	U	1.04	U	1.04	U	2.88	U
1,3-Dichlorobenzene				ug/m3	32.2	U	2.62	U	1.2	U	1.2	U	1.2	U	3.34	U
1,4-Dichlorobenzene				ug/m3	32.2	U	2.62	U	1.2	U	1.2	U	1.2	U	3.34	U
1,2-Dichlorobenzene				ug/m3	32.2	U	2.62	U	1.2	U	1.2	U	1.2	U	3.34	U
1,2,4-Trichlorobenzene				ug/m3	39.7	U	3.23	U	1.48	U	1.48	U	1.48	U	4.13	U
Hexachlorobutadiene				ug/m3	57.1	U	4.64	U	2.13	U	2.13	U	2.13	U	5.93	U

* Comparison is not performed on parameters with non-numeric criteria.

NY-SSC-A: New York DOH Matrix A Sub-slab Vapor Concentrations Criteria per Guidance for Evaluating Soil Vapor Intrusion, October 2006, and updated May 2017.

NY-SSC-B: New York DOH Matrix B Sub-slab Vapor Concentrations Criteria per Guidance for Evaluating Soil Vapor Intrusion, October 2006, and updated May 2017.

NY-SSC-C: New York DOH Matrix C Sub-slab Vapor Concentrations Criteria per Guidance for Evaluating Soil Vapor Intrusion, October 2006, and updated May 2017.

ug/m3 - micrograms per cubic meter

U - not-detected

Bold/Italic - minimum detection limit above regulatory standard

Highlighted - exceeds regulatory standard

Table 8b: 2021 RI Soil Vapor VOC Results Summary
13-12, 13-16, and 13-24 Beach Channel Drive, Far Rockaway, New York

LOCATION					SV-7		SV-8		SV-9		SV-10		SV-11		SV-12		SV DUP-1	
SAMPLING DATE					9/28/2021		9/28/2021		9/28/2021		9/28/2021		9/28/2021		9/28/2021		9/28/2021	
LAB SAMPLE ID					L2152920-01		L2152920-02		L2152920-03		L2152920-04		L2152920-05		L2152920-06		L2152920-07	
SAMPLE TYPE					SOIL_VAPOR		SOIL_VAPOR		SOIL_VAPOR		SOIL_VAPOR		SOIL_VAPOR		SOIL_VAPOR		SOIL_VAPOR	
SAMPLE DEPTH (ft.)																		
	NY-SSC-A	NY-SSC-B	NY-SSC-C	Units	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual
Volatile Organics in Air																		
Dichlorodifluoromethane				ug/m3	564	U	2.6	U	6.18	U	3.8	U	11.1		18.7		11.3	
Chloromethane				ug/m3	235	U	1.09	U	2.58	U	1.59	U	1.47	U	2.07	U	0.644	U
Freon-114				ug/m3	797	U	3.68	U	8.74	U	5.38	U	4.99	U	6.99	U	2.18	U
Vinyl chloride			6	ug/m3	**291**	U	1.34	U	3.2	U	1.97	U	1.83	U	2.56	U	0.798	U
1,3-Butadiene				ug/m3	252	U	1.16	U	2.77	U	1.7	U	1.58	U	2.21	U	0.69	U
Bromomethane				ug/m3	443	U	2.04	U	4.85	U	2.99	U	2.77	U	3.88	U	1.21	U
Chloroethane				ug/m3	301	U	1.39	U	3.3	U	2.03	U	1.88	U	2.64	U	0.823	U
Ethanol				ug/m3	5350	U	35.6		58.8	U	36.2	U	33.5	U	47.1	U	26.2	
Vinyl bromide				ug/m3	498	U	2.3	U	5.47	U	3.36	U	3.12	U	4.37	U	1.36	U
Acetone				ug/m3	1350	U	347		632		309		266		420		220	
Trichlorofluoromethane				ug/m3	641	U	2.96	U	7.02	U	4.32	U	45.5		9.5		47.7	
Isopropanol				ug/m3	698	U	4.57		9.56		5.09		7.87		8.82		7.69	
1,1-Dichloroethene	6			ug/m3	**452**	U	2.09	U	4.96	U	3.05	U	2.83	U	3.96	U	1.24	U
Tertiary butyl Alcohol				ug/m3	861	U	4	U	9.46	U	5.82	U	5.4	U	7.58	U	3.88	
Methylene chloride		100		ug/m3	**987**	U	4.59	U	10.8	U	6.67	U	6.18	U	8.69	U	2.71	U
3-Chloropropene				ug/m3	357	U	1.65	U	3.91	U	2.41	U	2.23	U	3.13	U	0.977	U
Carbon disulfide				ug/m3	355	U	1.64	U	3.89	U	2.39	U	2.22	U	3.11	U	0.972	U
Freon-113				ug/m3	1140		4.03	U	9.58	U	5.89	U	5.47	U	7.66	U	2.39	U
trans-1,2-Dichloroethene				ug/m3	452	U	2.09	U	4.96	U	3.05	U	2.83	U	3.96	U	1.24	U
1,1-Dichloroethane				ug/m3	461	U	2.13	U	5.06	U	3.11	U	2.89	U	4.05	U	1.26	U
Methyl tert butyl ether				ug/m3	411	U	1.9	U	4.51	U	2.77	U	2.57	U	3.61	U	1.12	U
2-Butanone				ug/m3	920		634		1190		743		752		1130		566	
cis-1,2-Dichloroethene	6			ug/m3	**706**		2.09	U	4.96	U	3.05	U	2.83	U	3.96	U	1.24	U
Ethyl Acetate				ug/m3	1020	U	4.76	U	11.2	U	6.92	U	6.41	U	9.01	U	2.81	U
Chloroform				ug/m3	557	U	2.57	U	6.1	U	10.7		16.5		7.23		18.9	
Tetrahydrofuran				ug/m3	838	U	3.89	U	9.2	U	5.66	U	5.25	U	7.37	U	2.3	U
1,2-Dichloroethane				ug/m3	461	U	2.13	U	5.06	U	3.11	U	2.89	U	4.05	U	1.26	U
n-Hexane				ug/m3	402	U	1.85	U	4.41	U	2.71	U	2.52	U	3.52	U	1.3	
1,1,1-Trichloroethane		100		ug/m3	**622**	U	2.87	U	6.82	U	4.2	U	3.9	U	5.46	U	1.7	U
Benzene				ug/m3	364	U	1.68	U	3.99	U	2.46	U	2.28	U	3.19	U	0.997	U
Carbon tetrachloride	6			ug/m3	**717**	U	3.31	U	**7.86**	U	4.84	U	4.49	U	**6.29**	U	1.96	U
Cyclohexane				ug/m3	392	U	1.81	U	4.3	U	2.65	U	2.46	U	3.44	U	1.07	U
1,2-Dichloropropane				ug/m3	527	U	2.43	U	5.78	U	3.55	U	3.3	U	4.62	U	1.44	U
Bromodichloromethane				ug/m3	764	U	3.52	U	8.37	U	5.15	U	4.78	U	6.7	U	2.09	U
1,4-Dioxane				ug/m3	411	U	1.9	U	4.5	U	2.77	U	2.57	U	3.6	U	1.12	U
Trichloroethene	6			ug/m3	**1460**		2.83	U	**6.72**	U	4.13	U	3.84	U	5.37	U	1.68	U
2,2,4-Trimethylpentane				ug/m3	532	U	2.46	U	5.84	U	3.59	U	3.33	U	4.67	U	1.46	U
Heptane				ug/m3	467	U	2.16	U	5.12	U	3.15	U	2.93	U	4.1	U	1.28	U
cis-1,3-Dichloropropene				ug/m3	518	U	2.39	U	5.67	U	3.49	U	3.24	U	4.54	U	1.42	U
4-Methyl-2-pentanone				ug/m3	1160	U	5.41	U	12.8	U	7.87	U	7.29	U	10.2	U	3.2	U
trans-1,3-Dichloropropene				ug/m3	518	U	2.39	U	5.67	U	3.49	U	3.24	U	4.54	U	1.42	U
1,1,2-Trichloroethane				ug/m3	622	U	2.87	U	6.82	U	4.2	U	3.9	U	5.46	U	1.7	U
Toluene				ug/m3	430	U	1.98	U	4.71	U	2.9	U	2.69	U	3.77	U	1.18	U
2-Hexanone				ug/m3	467	U	30.7		98.8		65.6		82.4		115		56.6	
Dibromochloromethane				ug/m3	971	U	4.48	U	10.6	U	6.55	U	6.08	U	8.52	U	2.66	U
1,2-Dibromoethane				ug/m3	876	U	4.04	U	9.61	U	5.91	U	5.49	U	7.69	U	2.4	U
Tetrachloroethene		100		ug/m3	**271000**		5.82		**260**		**1000**		73.2		**239**		**147**	
Chlorobenzene				ug/m3	525	U	2.42	U	5.76	U	3.54	U	3.29	U	4.61	U	1.44	U
Ethylbenzene				ug/m3	495	U	2.28	U	5.43	U	3.34	U	3.1	U	4.34	U	1.36	U
p/m-Xylene				ug/m3	986	U	4.56	U	10.9	U	6.69	U	6.21	U	8.69	U	2.94	
Bromoform				ug/m3	1180	U	5.44	U	12.9	U	7.95	U	7.38	U	10.3	U	3.23	U
Styrene				ug/m3	485	U	2.24	U	5.32	U	3.27	U	3.04	U	4.26	U	1.33	U
1,1,2,2-Tetrachloroethane				ug/m3	783	U	3.61	U	8.58	U	5.28	U	4.9	U	6.87	U	2.14	U
o-Xylene				ug/m3	495	U	2.28	U	5.43	U	3.34	U	3.1	U	4.34	U	1.5	
4-Ethyltoluene				ug/m3	560	U	2.59	U	6.15	U	3.78	U	3.51	U	4.92	U	1.53	U
1,3,5-Trimethylbenzene				ug/m3	560	U	2.59	U	6.15	U	3.78	U	3.51	U	4.92	U	1.53	U
1,2,4-Trimethylbenzene				ug/m3	560	U	2.59	U	6.15	U	3.78	U	3.51	U	4.92	U	2.7	
Benzyl chloride				ug/m3	590	U	2.72	U	6.47	U	3.98	U	3.7	U	5.18	U	1.62	U
1,3-Dichlorobenzene				ug/m3	685	U	3.16	U	7.52	U	4.62	U	4.29	U	6.01	U	1.88	U
1,4-Dichlorobenzene				ug/m3	685	U	3.16	U	7.52	U	4.62	U	4.29	U	6.01	U	1.88	U
1,2-Dichlorobenzene				ug/m3	685	U	3.16	U	7.52	U	4.62	U	4.29	U	6.01	U	1.88	U
1,2,4-Trichlorobenzene				ug/m3	846	U	3.9	U	9.28	U	5.71	U	5.3	U	7.42	U	2.32	U
Hexachlorobutadiene				ug/m3	1220	U	5.61	U	13.3	U	8.2	U	7.62	U	10.7	U	3.33	U

NY-SSC-A: New York DOH Matrix A Sub-slab Vapor Concentrations Criteria per Guidance for Evaluating Soil Vapor Intrusion, October 2006, and updated May 2017.
NY-SSC-B: New York DOH Matrix B Sub-slab Vapor Concentrations Criteria per Guidance for Evaluating Soil Vapor Intrusion, October 2006, and updated May 2017.
NY-SSC-C: New York DOH Matrix C Sub-slab Vapor Concentrations Criteria per Guidance for Evaluating Soil Vapor Intrusion, October 2006, and updated May 2017.
ug/m3 - micrograms per cubic meter
U - not detected
Bold - minimum detection limit above standard
Highlighted - exceeds regulatory standard

ATTACHMENTS

ATTACHMENT 1

Injection Field Sheets

REGENESIS
REMEDIATION SERVICES
Technology-Based Solutions for the Environment

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San Clemente, CA 92673
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6/30/22

REGENESIS Proposal No. OwM71224

Impact Environmental
170 Keyland Ct
Bohemia, NY 11716

SUBJECT: Application Summary Report for Remedial Services at 13-12 Beach Channel Drive

Greg,

REGENESIS Remediation Services (RRS) has recently completed an *in-situ* injection application of PlumeStop™ Liquid Activated Carbon® (PlumeStop) and Sulfidated Microscale Zero Valent Iron® (S-MicroZVI) at the 13-12 Beach Channel Drive Site (Site) located at 13-12 Beach Channel Drive, Far Rockaway, NY. The goal of the remedial application was to remediate chlorinated contaminates. RRS employed *in-situ* chemical sorption and reduction technologies to meet remediation goals.

RRS mobilized a support pickup truck, injection trailer, and personnel to the site to begin work over four (4) days on 6/14/22-6/17/22. RRS staffed this project with an experienced Project Supervisor who ensured a safe, successful injection application and a Project Specialist to oversee Placement Validation Testing onsite. A total of 22 points were injected upon over the course of the work on the permeable reactive barrier. After the remedial agent was applied, RRS flushed each monitoring well to ensure no particulate buildup occurs within the monitoring well.

Please review the attached application summary page, injection log, and photo log for more detail on the application.

RRS appreciates the opportunity to work at this site with Impact Environmental. RRS will be available to interpret the field data as it is collected or answer any questions. If you need additional information regarding the application process or attached field notes, please contact Will Clogan at 724.766.1811 or Christian Parke at 470.409.1798.

Sincerely,

Christian Parke
Project Supervisor
REGENESIS Remediation Services

William Clogan

Will Clogan
East Region Project Manager
REGENESIS Remediation Services

cc:

Global Headquarters
1011 Calle Sombra
San Clemente, CA 92673
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REGENESIS REMEDIATION SERVICES
Technology-Based Solutions for the Environment

Summary Page

PLUME STOP® Liquid Activated Carbon

OVERVIEW

Client: Impact Environmental
Client PM: Greg Mendez-Chicas
RRS Project Manager: Will Clogan
RRS Project Supervisor: Christian Parke

Site Address: 13-12 Beach Channel Dr, Far Rockaway, NY
Project Name: 13-12 Beach Channel Drive
Project Dates: 6/14/22-6/17/22

REGENESIS Remediation Services appreciates the opportunity to complete an application of PlumeStop and S-MicroZVI at 13-12 Beach Channel Drive in Far Rockaway, New York. The barrier application took place over four (4) days of onsite work.

Application

RRS employed the remediation design specifications as outlined by the proposal documents provided prior to the application dated 3/28/22. RRS utilized one customized injection trailer staffed by RRS field team members to complete a barrier consisting of 22 injection points. Injection tooling was driven down to the target treatment depth via Direct Push Technology (DPT) with a strategy of using a bottom-up injection approach, utilizing both three-foot retractable screens and expendable tips. The target zone depth ranged from 16 ft to 26 ft below ground surface (ft. bgs.). The design called for 4,000 lb. of PlumeStop and 900 lb. of S-MicroZVI to be mixed with water for an injection concentration of 10,000 ppm (parts per million) activated carbon. Each injection location was to receive 439 gallons of the remedial chemistry mix solution.

On-Site Work Summary

RRS field personnel arrived onsite the morning of 6/14/22. The product was previously delivered and accepted to site. RRS performed site reconnaissance, became familiar with project site, water source, site hazards, and completed a jobsite safety inspection. Notable site hazards included: nearby demolition site, weather dangers, dehydration, slip/trip potential on injection hosing, injection line pressure and uneven terrain. Once completed, the injection trailer was staged and prepared for product transfer and mixing. Daily tailgate meetings were conducted and included the topics: proper PPE use, heat stress, slips/trip hazards, spatial awareness and Geoprobe safety. RRS field team members staged the injection trailer and connected to the fire hydrant on Redfern Ave. RRS marked out the injection locations for the barrier under supervision of the Impact field staff.

Prior to starting the injections, RRS field staff took a soil core from the center of the injection barrier to ensure the design assumptions matched the field conditions of site. Once the core was taken, a temporary

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piezometer was installed to gauge the radius influence the injectate was reaching during the application and to ensure subsurface coverage was seen across the injection interval. Influence was seen in the form of a color change in groundwater samples as well as geochemical parameter changes. This data can be found in **Appendix B Groundwater Parameters**.

Once placement validation testing was completed, RRS field crew continued injections along the barrier on three (3) points at a time. Flowrates averaged 4.07 GPM (gallons per minute) per point during the application with 29 PSI (pounds per square inch) of pressure. After the third failed attempt of drilling the second injection point, RRS field staff made the decision to switch the injection tooling from three-foot retractable screens to expendable tip tooling. The sand in the injection interval was heaving into the screened tooling causing very high pressures and no flow of remedial chemistry. Upon the completion of each location, each borehole was finished at the surface with bentonite clay.

Average Flowrate (GPM)	Standard Deviation of Flowrate (GPM)	Median Flowrate (GPM)	Average Pressure (PSI)	Standard Deviation of Pressure (PSI)	Median Pressure (PSI)
4.07	1.14	4.30	29.0	23.9	19.6

Table 1: Average and median flowrates and average pressures.

A total of **4,000 pounds of PlumeStop and 900 pounds of S-MicroZVI** was mixed and applied as a 10,000-ppm activated carbon solution**,** with a total volume of **4,680 gallons** applied in the area.

Application Method: three-foot retractable screens, expendable tips
Injection Depth: 16 to 26 feet below ground surface
Number of Injection Points: 22

Please see attached Table 2 for details on injection flow rates and pressures

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Appendix A

Injection Log

PLUME STOP Liquid Activated Carbon

Impact Environmental - 13-12 Beach Channel Drive
PlumeStop Injection Summary Log
Injection Area
Table 2

REGENESIS REMEDIATION SERVICES Technology-Based Solutions for the Environment

Injection Point	Date	Time	Injection Depth (feet)	Injection Pressure (psi)	Flow Rate (gpm)	Volume of PlumeStop Injected			Total Gallons Per Location	Pounds of PlumeStop Injected Per Location	Pounds of S-Micro ZVI Per Location	Comments	Injection Tooling
						Beginning Flow Meter (gal)	Ending Flow Meter (gal)	Gallons Injected Per Interval					
1	6/15/2022	11:28	26-25	56	4.30	0.0	44.0	44.0	437.0	181	41		Expendable Tip
	6/15/2022	11:58	25-22	6	5.00	44.0	189.0	145.0					
	6/15/2022	12:22	22-19	16	4.80	189.0	305.0	116.0					
	6/15/2022	12:51	19-16	13	3.80	305.0	437.0	132.0					
2	6/16/2022	8:42	26-24	14	3.40	0.0	88.0	88.0	438.0	181	41		Expendable Tip
	6/16/2022	9:02	24-22	16	4.30	88.0	176.0	88.0					
	6/16/2022	9:24	22-20	18	4.80	176.0	263.0	87.0					
	6/16/2022	9:47	20-18	21	4.90	263.0	358.0	95.0					
	6/16/2022	10:05	18-16	17	4.80	358.0	438.0	80.0					
3	6/15/2022	13:30	26-25	12	3.00	0.0	45.0	45.0	440.0	182	41		Expendable Tip
	6/15/2022	14:06	25-22	16	4.90	45.0	178.0	133.0					
	6/15/2022	14:29	22-19	15	6.00	178.0	309.0	131.0					
	6/15/2022	15:29	19-16	14	4.90	309.0	440.0	131.0					
4	6/16/2022	9:15	26-24	53	4.80	0.0	88.0	88.0	435.0	180	40		Expendable Tip
	6/16/2022	9:34	24-22	9	5.00	88.0	176.0	88.0					
	6/16/2022	9:59	22-20	21	4.90	176.0	264.0	88.0					
	6/16/2022	10:28	20-18	86	3.60	264.0	347.0	83.0					
	6/16/2022	11:07	18-16	86	1.10	347.0	435.0	88.0					
5	6/15/2022	14:34	26-24	26	4.00	0.0	86.0	86.0	441.0	182	41		Expendable Tip
	6/15/2022	15:17	24-22	14	5.20	86.0	177.0	91.0					
	6/15/2022	15:31	22-20	13	4.30	177.0	319.0	142.0					
	6/16/2022	8:26	20-18	5	4.60	0.0	33.0	33.0					
	6/16/2022	8:48	18-16	29	5.10	33.0	122.0	89.0					
6	6/15/2022	15:21	26-24	34	1.90	0.0	88.0	88.0	437.0	181	41		1-Foot Screen
	6/15/2022	15:44	24-22	14	4.20	88.0	176.0	88.0					
	6/16/2022	8:38	22-20	13	4.50	0.0	88.0	88.0					
	6/16/2022	9:00	20-18	17	4.20	88.0	176.0	88.0					
	6/16/2022	9:21	18-16	18	4.70	176.0	261.0	85.0					
7	6/15/2022	12:21	26-25	19	5.00	0.0	44.0	44.0	440.0	182	41		Expendable Tip
	6/15/2022	12:47	25-22	23	5.90	44.0	175.0	131.0					
	6/15/2022	13:19	22-19	9	4.10	175.0	305.0	130.0					
	6/15/2022	13:52	19-16	17	5.40	305.0	440.0	135.0					
8	6/15/2022	9:53	26-25	2	3.80	0.0	44.0	44.0	438.0	181	41		Expendable Tip
	6/15/2022	10:25	25-22	12	4.00	44.0	175.0	131.0					
	6/15/2022	11:05	22-19	20	5.10	175.0	320.0	145.0					
	6/15/2022	11:48	19-16	125		320.0	438.0	118.0					
9	6/14/2022	12:02	26-25	30	3.40	0.0	44.0	44.0	447.0	185	42		3-Foot Screen
	6/14/2022	13:01	25-22	50	4.30	44.0	174.0	130.0					
	6/14/2022	13:38	22-19	32	3.80	174.0	310.0	136.0					
	6/14/2022	14:54	19-16	7	5.10	310.0	447.0	137.0					
10	6/14/2022	14:57	26-25	65	0.60	0.0	5.0	5.0	439.0	181	41	no flow. Lifting early	Expendable Tip
	6/14/2022	15:27	26-24	10	4.40	5.0	91.0	86.0				redrilling point. Switching to expendable tips	
	6/14/2022	15:51	24-22	8	4.10	91.0	182.0	91.0				redrilling point	
	6/14/2022	16:24	22-20	8	4.30	182.0	274.0	92.0					
	6/15/2022	8:49	20-18	2	4.10	0.0	95.0	95.0					
	6/15/2022	9:09	18-16	6	4.10	95.0	165.0	70.0					
11	6/15/2022	8:59	26-23	36	3.90	0.0	132.0	132.0	458.0	189	43		Expendable Tip
	6/15/2022	9:33	23-20	19	3.90	132.0	264.0	132.0					
	6/15/2022	10:27	20-17	12	3.30	264.0	397.0	133.0					
	6/15/2022	10:37	17-16	7	2.90	397.0	458.0	61.0					
12	6/14/2022	13:02	26-25	7	4.30	0.0	45.0	45.0	362.0	150	34		3-Foot Screen
	6/14/2022	13:03	25-22	10	4.50	0.0	175.0	175.0					
	6/14/2022	13:38	22-19	21	4.40	175.0	309.0	134.0					
	6/14/2022	14:33	19-16	65	0.30	309.0	317.0	8.0				steppping off 1 ft NE . No flow either attempt, heave.	
13	6/15/2022	8:28	26-23	25	4.00	0.0	132.0	132.0	497.0	205	46	receiving redistributed volume from IP-12	Expendable Tip
	6/15/2022	9:36	23-20	24	3.90	132.0	265.0	133.0					
	6/15/2022	10:45	20-17	79	2.20	265.0	390.0	125.0					
	6/15/2022	11:18	17-16	80	2.40	390.0	497.0	107.0					
14	6/16/2022	13:49	26-24	28	5.40	0.0	94.0	94.0	438.0	181	41		Expendable Tip
	6/16/2022	14:26	24-22	0	2.00	94.0	179.0	85.0					
	6/16/2022	14:44	22-20	22	3.90	179.0	264.0	85.0					
	6/16/2022	15:06	20-18	33	3.10	264.0	351.0	87.0					
	6/16/2022	15:26	18-16	45	4.80	351.0	438.0	87.0					
15	6/15/2022	11:58	26-25	41	4.30	0.0	40.0	40.0	439.0	181	41	surfacing through asphaul cracks. Less than 5 G	Expendable Tip
	6/15/2022	12:22	25-22	18	4.70	40.0	175.0	135.0					
	6/15/2022	13:30	22-19	3	1.00	175.0	307.0	132.0					
	6/15/2022	14:11	19-16	3	3.80	307.0	439.0	132.0					
16	6/16/2022	14:03	26-24	17	5.30	0.0	90.0	90.0	440.0	182	41		Expendable Tip
	6/16/2022	14:25	24-22	3	4.30	90.0	173.0	83.0					
	6/16/2022	14:44	22-20	18	5.30	173.0	264.0	91.0					
	6/16/2022	14:52	20-18	17	5.10	264.0	309.0	45.0					
	6/16/2022	15:21	18-16	20	4.10	309.0	440.0	131.0				lifted too early	
17	6/16/2022	11:47	26-24	48	4.30	0.0	86.0	86.0	447.0	185	42		Expendable Tip
	6/16/2022	12:21	24-22	43	3.90	86.0	176.0	90.0					
	6/16/2022	12:28	22-20	49	5.30	176.0	264.0	88.0					
	6/16/2022	12:50	20-18	15	4.40	264.0	365.0	101.0					
	6/16/2022	13:12	18-16	33	4.00	365.0	447.0	82.0					
18	6/17/2022	8:22	26-24	76	5.00	0.0	122.0	122.0	442.0	183	41		Expendable Tip
	6/17/2022	8:38	24-22	7	3.00	122.0	173.0	51.0				surfacing around rod string <1 G, lowering flow	
	6/17/2022	9:08	22-20	55	3.10	173.0	270.0	97.0					
	6/17/2022	9:47	20-18	24	2.75	270.0	350.0	80.0					
	6/17/2022	10:03	18-16	18	3.00	350.0	442.0	92.0					
19	6/16/2022	11:12	26-24	10	4.80	0.0	89.0	89.0	447.0	185	42		Expendable Tip
	6/16/2022	11:41	24-22	14	4.90	89.0	180.0	91.0					
	6/16/2022	12:05	22-20	11	4.30	180.0	264.0	84.0					
	6/16/2022	12:24	20-18	32	4.90	264.0	353.0	89.0					
	6/16/2022	13:19	18-16	15	2.90	353.0	447.0	94.0					
20	6/16/2022	14:40	26-24	45	2.40	0.0	87.0	87.0	446.0	184	41		Expendable Tip
	6/16/2022	15:01	24-22	24	2.40	87.0	176.0	89.0					
	6/16/2022	15:32	22-20	54	5.10	176.0	305.0	129.0					
	6/17/2022	7:24	20-18	9	4.80	0.0	52.0	52.0					
	6/17/2022	8:20	18-16	65	5.40	52.0	141.0	89.0					
21	6/16/2022	10:53	26-24	69	4.60	0.0	89.0	89.0	433.0	179	40		Expendable Tip
	6/16/2022	11:23	24-22	57	3.90	89.0	174.0	85.0					
	6/16/2022	12:17	22-20	63	3.00	174.0	267.0	93.0					
	6/16/2022	12:45	20-18	83	4.00	267.0	360.0	93.0					
	6/16/2022	13:31	18-16	34	1.00	360.0	433.0	73.0					
22	6/17/2022	8:22	26-24	76	4.00	0.0	103.0	103.0	439.0	181	41		Expendable Tip
	6/17/2022	8:41	24-22	41	5.40	103.0	188.0	85.0					
	6/17/2022	9:02	22-20	43	5.60	188.0	273.0	85.0					
	6/17/2022	9:19	20-18	43	4.90	273.0	352.0	79.0					
	6/17/2022	10:02	18-16	38	4.50	352.0	439.0	87.0					

Total Gallons:	Total Lbs. PlumeStop	Total Lbs. of S-Micro ZVI
9680	4000	900

REGENESIS
REMEDIATION SERVICES
Technology-Based Solutions for the Environment

Global Headquarters
1011 Calle Sombra
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Fax: (949) 366-8090

Appendix B

Groundwater Log

PLUME STOP
Liquid Activated Carbon

Impact Environmental - 13-12 Beach Channel Drive
Groundwater Parameter Log
Injection Area
Table 03

REGENESIS
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Date	Time	Location	GW Direction	Screened Interval	Water Depth (Ft)	Temperature (Celsius)	Conductivity (mS/cm)	Dissolved Oxygen (mg/L)	pH	ORP	Nearest Active Injection Points (distance, direction)	Nearest MW (distance, direction)	Injection Interval at Observation	Total Volume Injected at Observation	Solution Concentration (ppm)	Comments
6/14/2022	10:51	MW-1	To the North		17.09	18.8	0.256	10.93	7.34	173	n/a					
6/15/2022	9:44				17.18						n/a					
6/15/2022	16:14				17.05											
6/16/2022	8:56				17.17						n/a					
6/16/2022	10:25				17.14	20.3	1.12	3.12	9.1	-86	IP-20, 6.5 ft			305	900 ppm	
6/17/2022	9:49				17.14											
6/14/2022	10:55	MW-10	To the North		15.32	17.63	0.455	6.21	7.02	234	n/a					
6/15/2022	9:44				15.39						n/a					
6/15/2022	16:14				14.8	21.78	1	4.88	7.26	147	end of day					
6/16/2022	8:57				15.42											
6/16/2022	10:46				15.1	18.72	1.07	3.76	9.61	-122	IP-4, 8 ft SW				500 ppm	First PS occurance
6/17/2022	9:00				15.44										1000 ppm	
6/14/2022	12:53	PZ-1	To the North	21'-26'		28.68	0.542	8.14	9.71	39	n/a					no DTW slow recharge. Clear w/silts
6/14/2022	13:05				16.75						IW-9 10 ft SW			175		clear w/ silts
6/14/2022	14:11				16.31						IW-9 10 ft SW			307		clear w/ silts
6/14/2022	14:59				16.24						IW-10, 3.5 ftW			51	<50 ppm	Initial PS breakthrough
6/14/2022	16:00				16.08	29.2	1	8.23	8.6	93	IW-10, 3.5 ftW			250	100 ppm	slow recharge, not continous reading
6/15/2022	8:08				16.46	19.63	1.44	2.97	7.7	-260	n/a					
6/15/2022	10:07				16.5	23.08	1.3	8.87	7.4	-296	IP-11, 6 ft W			319	1500 ppm	black
6/15/2022	16:14					25.36	1.03	1.84	7.72	-286	end of day					
6/17/2022	9:48				17.13											

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Appendix C

Photo Log

REGENESIS
REMEDIATION SERVICES
Technology-Based Solutions for the Environment

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Photo Log

Photo 1: Injection area.

Photo 2: RRS Injection trailer onsite.

Photo 3: RRS field staff mixing product.

Photo 4: RRS field staff monitoring injections.

Photo 5: PlumeStop injections.

Photo 6: A temporary piezometer installed to gauge injection influence radius.

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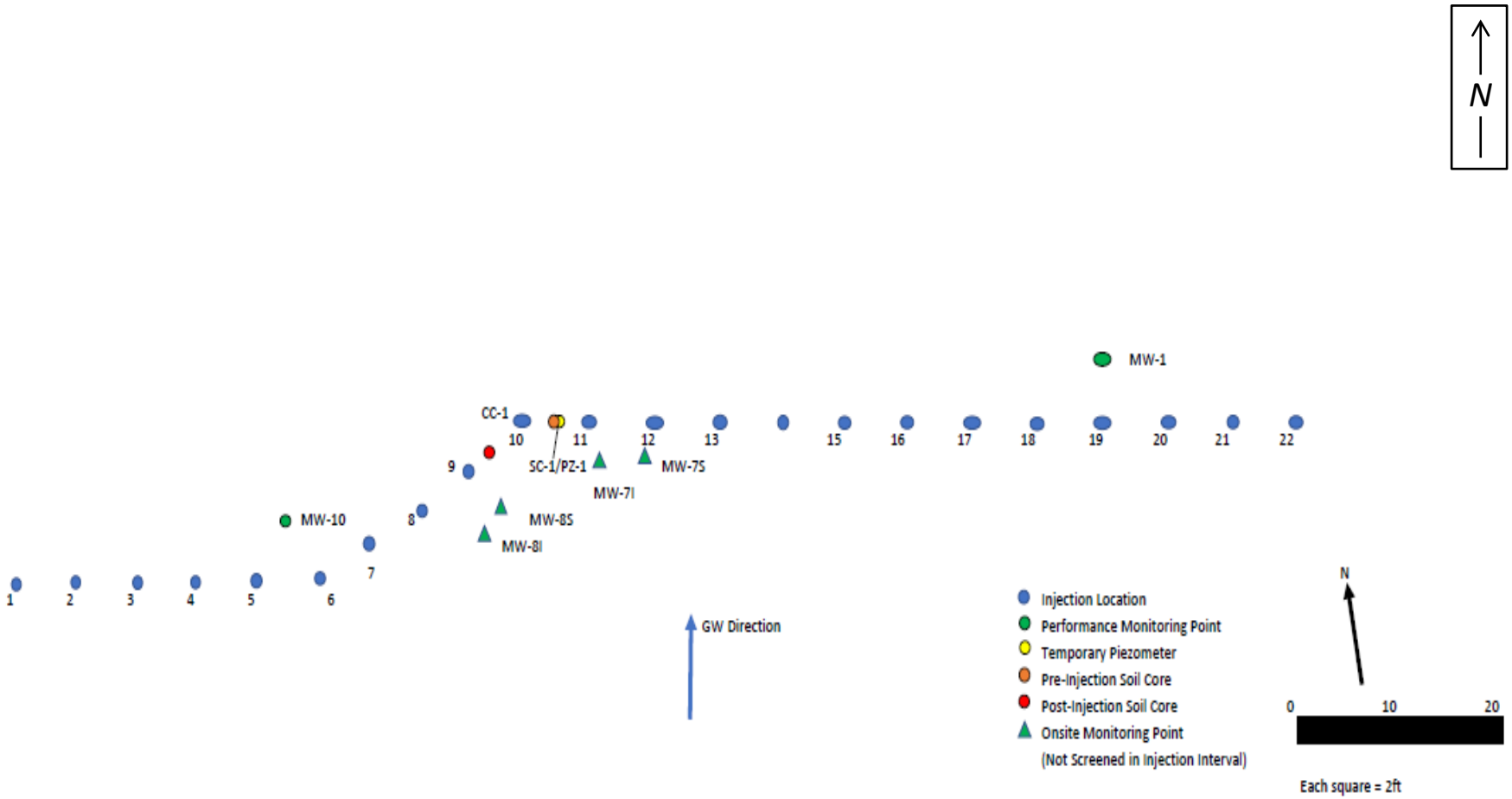
Appendix D

Injection Map



PLUME STOP Liquid Activated Carbon

Prepared By: *CLP*

Figure 1– Injection Locations Map
13-12 Beach Channel Drive
Queens, New York, New York

Date Prepared: *June 2022*

REGENESIS REMEDIATION SERVICES
Technology-Based Solutions for the Environment

ATTACHMENT 2

Laboratory Analytical Reports

Technical Report

prepared for:

Impact Environmental
170 Keyland Court
Bohemia NY, 11716
Attention: Christopher Connolly

Report Date: 07/27/2022
Client Project ID: #15209 13-16 Beach Channel
York Project (SDG) No.: 22G0719

Report Date: 07/27/2022
Client Project ID: #15209 13-16 Beach Channel
York Project (SDG) No.: 22G0719

Impact Environmental
170 Keyland Court
Bohemia NY, 11716
Attention: Christopher Connolly

Purpose and Results

This report contains the analytical data for the sample(s) identified on the attached chain-of-custody received in our laboratory on July 15, 2022 and listed below. The project was identified as your project: **#15209 13-16 Beach Channel**.

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
22G0719-01	MW-1	Water	07/14/2022	07/15/2022
22G0719-02	MW-2	Water	07/13/2022	07/15/2022
22G0719-03	MW-3	Water	07/13/2022	07/15/2022
22G0719-04	MW-4I	Water	07/13/2022	07/15/2022
22G0719-05	MW-4S	Water	07/13/2022	07/15/2022
22G0719-06	MW-5	Water	07/13/2022	07/15/2022
22G0719-07	MW-7I	Water	07/14/2022	07/15/2022
22G0719-08	MW-7S	Water	07/14/2022	07/15/2022
22G0719-09	MW-8I	Water	07/14/2022	07/15/2022
22G0719-10	MW-8S	Water	07/14/2022	07/15/2022
22G0719-11	MW-9I	Water	07/14/2022	07/15/2022
22G0719-12	MW-9S	Water	07/14/2022	07/15/2022
22G0719-13	MW-10	Water	07/14/2022	07/15/2022
22G0719-14	DUP	Water	07/13/2022	07/15/2022
22G0719-15	Trip	Water	07/13/2022	07/15/2022
22G0719-16	Field Blank (FB)	Water	07/13/2022	07/15/2022
22G0719-17	MW-11	Water	07/13/2022	07/15/2022

General Notes for York Project (SDG) No.: 22G0719

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

Approved By:  **Date:** 07/27/2022

Cassie L. Mosher
Laboratory Manager

Sample Information

Client Sample ID: **MW-1** **York Sample ID:** **22G0719-01**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22G0719	#15209 13-16 Beach Channel	Water	July 14, 2022 1:30 pm	07/15/2022

Volatile Organics, 8260 Low Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/L	0.200	0.500	1	EPA 8260C	07/22/2022 06:54	07/22/2022 16:42	JTG
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
71-55-6	1,1,1-Trichloroethane	ND		ug/L	0.200	0.500	1	EPA 8260C	07/22/2022 06:54	07/22/2022 16:42	JTG
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.200	0.500	1	EPA 8260C	07/22/2022 06:54	07/22/2022 16:42	JTG
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/L	0.200	0.500	1	EPA 8260C	07/22/2022 06:54	07/22/2022 16:42	JTG
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.200	0.500	1	EPA 8260C	07/22/2022 06:54	07/22/2022 16:42	JTG
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-34-3	1,1-Dichloroethane	ND		ug/L	0.200	0.500	1	EPA 8260C	07/22/2022 06:54	07/22/2022 16:42	JTG
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.200	0.500	1	EPA 8260C	07/22/2022 06:54	07/22/2022 16:42	JTG
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	0.200	0.500	1	EPA 8260C	07/22/2022 06:54	07/22/2022 16:42	JTG
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
96-18-4	1,2,3-Trichloropropane	ND		ug/L	0.200	0.500	1	EPA 8260C	07/22/2022 06:54	07/22/2022 16:42	JTG
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.200	0.500	1	EPA 8260C	07/22/2022 06:54	07/22/2022 16:42	JTG
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	0.200	0.500	1	EPA 8260C	07/22/2022 06:54	07/22/2022 16:42	JTG
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.200	0.500	1	EPA 8260C	07/22/2022 06:54	07/22/2022 16:42	JTG
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
106-93-4	1,2-Dibromoethane	ND		ug/L	0.200	0.500	1	EPA 8260C	07/22/2022 06:54	07/22/2022 16:42	JTG
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.200	0.500	1	EPA 8260C	07/22/2022 06:54	07/22/2022 16:42	JTG
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
107-06-2	1,2-Dichloroethane	ND		ug/L	0.200	0.500	1	EPA 8260C	07/22/2022 06:54	07/22/2022 16:42	JTG
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
78-87-5	1,2-Dichloropropane	ND		ug/L	0.200	0.500	1	EPA 8260C	07/22/2022 06:54	07/22/2022 16:42	JTG
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	0.200	0.500	1	EPA 8260C	07/22/2022 06:54	07/22/2022 16:42	JTG
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.200	0.500	1	EPA 8260C	07/22/2022 06:54	07/22/2022 16:42	JTG
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
142-28-9	1,3-Dichloropropane	ND		ug/L	0.200	0.500	1	EPA 8260C	07/22/2022 06:54	07/22/2022 16:42	JTG
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.200	0.500	1	EPA 8260C	07/22/2022 06:54	07/22/2022 16:42	JTG
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
123-91-1	1,4-Dioxane	ND		ug/L	40.0	80.0	1	EPA 8260C	07/22/2022 06:54	07/22/2022 16:42	JTG
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
78-93-3	**2-Butanone**	**5.22**	Cal-E	ug/L	0.200	0.500	1	EPA 8260C	07/22/2022 06:54	07/22/2022 16:42	JTG
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		

Sample Information

Client Sample ID: **MW-1** **York Sample ID:** **22G0719-01**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22G0719	#15209 13-16 Beach Channel	Water	July 14, 2022 1:30 pm	07/15/2022

Volatile Organics, 8260 Low Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
591-78-6	2-Hexanone	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/22/2022 06:54 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/22/2022 16:42	JTG
108-10-1	4-Methyl-2-pentanone	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/22/2022 06:54 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/22/2022 16:42	JTG
67-64-1	**Acetone**	**3.08**		ug/L	1.00	2.00	1	EPA 8260C Certifications:	07/22/2022 06:54 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/22/2022 16:42	JTG
107-02-8	Acrolein	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/22/2022 06:54 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/22/2022 16:42	JTG
107-13-1	Acrylonitrile	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/22/2022 06:54 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/22/2022 16:42	JTG
71-43-2	Benzene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/22/2022 06:54 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/22/2022 16:42	JTG
74-97-5	Bromochloromethane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/22/2022 06:54 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/22/2022 16:42	JTG
75-27-4	Bromodichloromethane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/22/2022 06:54 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/22/2022 16:42	JTG
75-25-2	Bromoform	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/22/2022 06:54 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/22/2022 16:42	JTG
74-83-9	Bromomethane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/22/2022 06:54 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/22/2022 16:42	JTG
75-15-0	Carbon disulfide	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/22/2022 06:54 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/22/2022 16:42	JTG
56-23-5	Carbon tetrachloride	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/22/2022 06:54 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/22/2022 16:42	JTG
108-90-7	Chlorobenzene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/22/2022 06:54 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/22/2022 16:42	JTG
75-00-3	Chloroethane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/22/2022 06:54 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/22/2022 16:42	JTG
67-66-3	**Chloroform**	**3.23**		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/22/2022 06:54 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/22/2022 16:42	JTG
74-87-3	Chloromethane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/22/2022 06:54 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/22/2022 16:42	JTG
156-59-2	cis-1,2-Dichloroethylene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/22/2022 06:54 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/22/2022 16:42	JTG
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/22/2022 06:54 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/22/2022 16:42	JTG
110-82-7	Cyclohexane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/22/2022 06:54 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/22/2022 16:42	JTG
124-48-1	Dibromochloromethane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/22/2022 06:54 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/22/2022 16:42	JTG
74-95-3	Dibromomethane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/22/2022 06:54 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/22/2022 16:42	JTG
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/22/2022 06:54 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/22/2022 16:42	JTG
100-41-4	Ethyl Benzene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/22/2022 06:54 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/22/2022 16:42	JTG

Sample Information

Client Sample ID: MW-1 **York Sample ID:** 22G0719-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22G0719	#15209 13-16 Beach Channel	Water	July 14, 2022 1:30 pm	07/15/2022

Volatile Organics, 8260 Low Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
87-68-3	Hexachlorobutadiene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/22/2022 06:54 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/22/2022 16:42	JTG
98-82-8	Isopropylbenzene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/22/2022 06:54 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/22/2022 16:42	JTG
79-20-9	Methyl acetate	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/22/2022 06:54 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/22/2022 16:42	JTG
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/22/2022 06:54 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/22/2022 16:42	JTG
108-87-2	Methylcyclohexane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/22/2022 06:54 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/22/2022 16:42	JTG
75-09-2	Methylene chloride	ND		ug/L	1.00	2.00	1	EPA 8260C Certifications:	07/22/2022 06:54 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/22/2022 16:42	JTG
91-20-3	Naphthalene	ND		ug/L	1.00	2.00	1	EPA 8260C Certifications:	07/22/2022 06:54 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/22/2022 16:42	JTG
104-51-8	n-Butylbenzene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/22/2022 06:54 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/22/2022 16:42	JTG
103-65-1	n-Propylbenzene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/22/2022 06:54 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/22/2022 16:42	JTG
95-47-6	o-Xylene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/22/2022 06:54 CTDOH,NELAC-NY10854,NELAC-NY12058,PADEP	07/22/2022 16:42	JTG
179601-23-1	p- & m- Xylenes	ND		ug/L	0.500	1.00	1	EPA 8260C Certifications:	07/22/2022 06:54 CTDOH,NELAC-NY10854,NELAC-NY12058,PADEP	07/22/2022 16:42	JTG
105-05-5	* p-Diethylbenzene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/22/2022 06:54	07/22/2022 16:42	JTG
622-96-8	* p-Ethyltoluene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/22/2022 06:54	07/22/2022 16:42	JTG
99-87-6	p-Isopropyltoluene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/22/2022 06:54 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/22/2022 16:42	JTG
135-98-8	sec-Butylbenzene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/22/2022 06:54 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/22/2022 16:42	JTG
100-42-5	Styrene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/22/2022 06:54 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/22/2022 16:42	JTG
75-65-0	tert-Butyl alcohol (TBA)	ND		ug/L	0.500	1.00	1	EPA 8260C Certifications:	07/22/2022 06:54 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/22/2022 16:42	JTG
98-06-6	tert-Butylbenzene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/22/2022 06:54 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/22/2022 16:42	JTG
127-18-4	Tetrachloroethylene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/22/2022 06:54 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/22/2022 16:42	JTG
108-88-3	Toluene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/22/2022 06:54 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/22/2022 16:42	JTG
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/22/2022 06:54 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/22/2022 16:42	JTG
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/22/2022 06:54 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/22/2022 16:42	JTG
79-01-6	Trichloroethylene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/22/2022 06:54 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/22/2022 16:42	JTG

Sample Information

Client Sample ID: MW-1 **York Sample ID:** 22G0719-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22G0719	#15209 13-16 Beach Channel	Water	July 14, 2022 1:30 pm	07/15/2022

Volatile Organics, 8260 Low Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
75-69-4	Trichlorofluoromethane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/22/2022 06:54 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/22/2022 16:42	JTG
75-01-4	Vinyl Chloride	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/22/2022 06:54 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/22/2022 16:42	JTG
1330-20-7	Xylenes, Total	ND		ug/L	0.600	1.50	1	EPA 8260C Certifications:	07/22/2022 06:54 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP	07/22/2022 16:42	JTG

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: SURR: 1,2-Dichloroethane-d4*	*128 %*	*69-130*
2037-26-5	*Surrogate: SURR: Toluene-d8*	*96.7 %*	*81-117*
460-00-4	*Surrogate: SURR: p-Bromofluorobenzene*	*95.2 %*	*79-122*

Volatile Organics, Tentatively Identified Cmpds.

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
	Tentatively Identified Compounds	0.0		ug/L			1	EPA 8260C Certifications:	07/22/2022 06:54	07/22/2022 16:42	JTG

Iron by EPA 6010

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3015A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-89-6	**Iron**	**0.890**		mg/L	0.278	1	EPA 6010D Certifications:	07/20/2022 11:40 CTDOH,NELAC-NY10854,NJDEP,PADEP	07/20/2022 15:34	KT

Iron, Dissolved by EPA 6010

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3015A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-89-6	Iron	ND		mg/L	0.278	1	EPA 6010D Certifications:	07/19/2022 12:11 CTDOH,NELAC-NY10854,NJDEP,PADEP	07/20/2022 13:06	KT

Nitrate as N

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 300

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
14797-55-8	**Nitrate as N**	**17.5**		mg/L	0.0500	1	EPA 300.0 Certifications:	07/15/2022 16:40 NELAC-NY10854,CTDOH,NJDEP,PADEP	07/15/2022 22:43	ZTS

Sulfate as SO4

Log-in Notes:

Sample Notes:

Sample Information

Client Sample ID: **MW-1** **York Sample ID:** **22G0719-01**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22G0719	#15209 13-16 Beach Channel	Water	July 14, 2022 1:30 pm	07/15/2022

Sample Prepared by Method: EPA 300

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
14808-79-8	**Sulfate**	**39.4**		mg/L	1.00	1	EPA 300.0	07/15/2022 16:40	07/15/2022 22:43	ZTS
							Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP			

Sulfide **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
18496-25-8	Sulfide	ND		mg/L	1.0	1	SM 4500-S F	07/21/2022 08:40	07/21/2022 08:40	AD
							Certifications: CTDOH,NJDEP,NELAC-NY10854,PADEP			

Analyzed by: Phoenix Environmental Labs, Inc. *

SM5310B-11 **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: SM5310B-11

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
PHNX - TOC	**Total Organic Carbon**	**9.8**		mg/L	1.0	1	SM5310B-11	07/20/2022 15:42	07/20/2022 00:00	CT007
							Certifications:			

Sample Information

Client Sample ID: **MW-2** **York Sample ID:** **22G0719-02**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22G0719	#15209 13-16 Beach Channel	Water	July 13, 2022 8:50 am	07/15/2022

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

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/L	0.200	0.500	1	EPA 8260C	07/21/2022 06:25	07/21/2022 14:57	JTG
								Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP			
71-55-6	1,1,1-Trichloroethane	ND		ug/L	0.200	0.500	1	EPA 8260C	07/21/2022 06:25	07/21/2022 14:57	JTG
								Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP			
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.200	0.500	1	EPA 8260C	07/21/2022 06:25	07/21/2022 14:57	JTG
								Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP			
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/L	0.200	0.500	1	EPA 8260C	07/21/2022 06:25	07/21/2022 14:57	JTG
								Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP			
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.200	0.500	1	EPA 8260C	07/21/2022 06:25	07/21/2022 14:57	JTG
								Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP			
75-34-3	1,1-Dichloroethane	ND		ug/L	0.200	0.500	1	EPA 8260C	07/21/2022 06:25	07/21/2022 14:57	JTG
								Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP			

Sample Information

Client Sample ID: MW-2 **York Sample ID:** 22G0719-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22G0719	#15209 13-16 Beach Channel	Water	July 13, 2022 8:50 am	07/15/2022

Volatile Organics, 8260 Low Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/21/2022 06:25	07/21/2022 14:57 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	JTG
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/21/2022 06:25	07/21/2022 14:57 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	JTG
96-18-4	1,2,3-Trichloropropane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/21/2022 06:25	07/21/2022 14:57 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	JTG
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/21/2022 06:25	07/21/2022 14:57 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	JTG
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/21/2022 06:25	07/21/2022 14:57 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	JTG
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/21/2022 06:25	07/21/2022 14:57 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	JTG
106-93-4	1,2-Dibromoethane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/21/2022 06:25	07/21/2022 14:57 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	JTG
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/21/2022 06:25	07/21/2022 14:57 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	JTG
107-06-2	1,2-Dichloroethane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/21/2022 06:25	07/21/2022 14:57 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	JTG
78-87-5	1,2-Dichloropropane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/21/2022 06:25	07/21/2022 14:57 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	JTG
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/21/2022 06:25	07/21/2022 14:57 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	JTG
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/21/2022 06:25	07/21/2022 14:57 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	JTG
142-28-9	1,3-Dichloropropane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/21/2022 06:25	07/21/2022 14:57 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	JTG
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/21/2022 06:25	07/21/2022 14:57 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	JTG
123-91-1	1,4-Dioxane	ND		ug/L	40.0	80.0	1	EPA 8260C Certifications:	07/21/2022 06:25	07/21/2022 14:57 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	JTG
78-93-3	2-Butanone	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/21/2022 06:25	07/21/2022 14:57 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	JTG
591-78-6	2-Hexanone	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/21/2022 06:25	07/21/2022 14:57 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	JTG
108-10-1	4-Methyl-2-pentanone	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/21/2022 06:25	07/21/2022 14:57 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	JTG
67-64-1	**Acetone**	**1.56**	J	ug/L	1.00	2.00	1	EPA 8260C Certifications:	07/21/2022 06:25	07/21/2022 14:57 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	JTG
107-02-8	Acrolein	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/21/2022 06:25	07/21/2022 14:57 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	JTG
107-13-1	Acrylonitrile	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/21/2022 06:25	07/21/2022 14:57 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	JTG
71-43-2	Benzene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/21/2022 06:25	07/21/2022 14:57 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	JTG
74-97-5	Bromochloromethane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/21/2022 06:25	07/21/2022 14:57 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	JTG

Sample Information

Client Sample ID: **MW-2** **York Sample ID:** **22G0719-02**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22G0719	#15209 13-16 Beach Channel	Water	July 13, 2022 8:50 am	07/15/2022

Volatile Organics, 8260 Low Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
75-27-4	Bromodichloromethane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/21/2022 06:25	07/21/2022 14:57 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	JTG
75-25-2	Bromoform	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/21/2022 06:25	07/21/2022 14:57 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	JTG
74-83-9	Bromomethane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/21/2022 06:25	07/21/2022 14:57 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	JTG
75-15-0	Carbon disulfide	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/21/2022 06:25	07/21/2022 14:57 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	JTG
56-23-5	Carbon tetrachloride	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/21/2022 06:25	07/21/2022 14:57 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	JTG
108-90-7	Chlorobenzene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/21/2022 06:25	07/21/2022 14:57 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	JTG
75-00-3	Chloroethane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/21/2022 06:25	07/21/2022 14:57 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	JTG
67-66-3	**Chloroform**	**0.310**	J	ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/21/2022 06:25	07/21/2022 14:57 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	JTG
74-87-3	Chloromethane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/21/2022 06:25	07/21/2022 14:57 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	JTG
156-59-2	cis-1,2-Dichloroethylene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/21/2022 06:25	07/21/2022 14:57 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	JTG
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/21/2022 06:25	07/21/2022 14:57 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	JTG
110-82-7	Cyclohexane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/21/2022 06:25	07/21/2022 14:57 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	JTG
124-48-1	Dibromochloromethane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/21/2022 06:25	07/21/2022 14:57 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	JTG
74-95-3	Dibromomethane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/21/2022 06:25	07/21/2022 14:57 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	JTG
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/21/2022 06:25	07/21/2022 14:57 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	JTG
100-41-4	Ethyl Benzene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/21/2022 06:25	07/21/2022 14:57 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	JTG
87-68-3	Hexachlorobutadiene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/21/2022 06:25	07/21/2022 14:57 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	JTG
98-82-8	Isopropylbenzene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/21/2022 06:25	07/21/2022 14:57 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	JTG
79-20-9	Methyl acetate	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/21/2022 06:25	07/21/2022 14:57 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	JTG
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/21/2022 06:25	07/21/2022 14:57 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	JTG
108-87-2	Methylcyclohexane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/21/2022 06:25	07/21/2022 14:57 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	JTG
75-09-2	**Methylene chloride**	**1.44**	J	ug/L	1.00	2.00	1	EPA 8260C Certifications:	07/21/2022 06:25	07/21/2022 14:57 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	JTG
91-20-3	Naphthalene	ND		ug/L	1.00	2.00	1	EPA 8260C Certifications:	07/21/2022 06:25	07/21/2022 14:57 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	JTG

Sample Information

Client Sample ID: MW-2 **York Sample ID:** 22G0719-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22G0719	#15209 13-16 Beach Channel	Water	July 13, 2022 8:50 am	07/15/2022

Volatile Organics, 8260 Low Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
104-51-8	n-Butylbenzene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/21/2022 06:25	07/21/2022 14:57 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	JTG
103-65-1	n-Propylbenzene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/21/2022 06:25	07/21/2022 14:57 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	JTG
95-47-6	o-Xylene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/21/2022 06:25	07/21/2022 14:57 CTDOH,NELAC-NY10854,NELAC-NY12058,PADEP	JTG
179601-23-1	p- & m- Xylenes	ND		ug/L	0.500	1.00	1	EPA 8260C Certifications:	07/21/2022 06:25	07/21/2022 14:57 CTDOH,NELAC-NY10854,NELAC-NY12058,PADEP	JTG
105-05-5	* p-Diethylbenzene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/21/2022 06:25	07/21/2022 14:57	JTG
622-96-8	* p-Ethyltoluene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/21/2022 06:25	07/21/2022 14:57	JTG
99-87-6	p-Isopropyltoluene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/21/2022 06:25	07/21/2022 14:57 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	JTG
135-98-8	sec-Butylbenzene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/21/2022 06:25	07/21/2022 14:57 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	JTG
100-42-5	Styrene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/21/2022 06:25	07/21/2022 14:57 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	JTG
75-65-0	**tert-Butyl alcohol (TBA)**	**0.630**	J	ug/L	0.500	1.00	1	EPA 8260C Certifications:	07/21/2022 06:25	07/21/2022 14:57 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	JTG
98-06-6	tert-Butylbenzene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/21/2022 06:25	07/21/2022 14:57 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	JTG
127-18-4	**Tetrachloroethylene**	**0.550**		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/21/2022 06:25	07/21/2022 14:57 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	JTG
108-88-3	Toluene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/21/2022 06:25	07/21/2022 14:57 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	JTG
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/21/2022 06:25	07/21/2022 14:57 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	JTG
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/21/2022 06:25	07/21/2022 14:57 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	JTG
79-01-6	Trichloroethylene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/21/2022 06:25	07/21/2022 14:57 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	JTG
75-69-4	Trichlorofluoromethane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/21/2022 06:25	07/21/2022 14:57 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	JTG
75-01-4	Vinyl Chloride	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/21/2022 06:25	07/21/2022 14:57 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	JTG
1330-20-7	Xylenes, Total	ND		ug/L	0.600	1.50	1	EPA 8260C Certifications:	07/21/2022 06:25	07/21/2022 14:57 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP	JTG

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: SURR: 1,2-Dichloroethane-d4*	*114 %*	*69-130*
2037-26-5	*Surrogate: SURR: Toluene-d8*	*93.9 %*	*81-117*
460-00-4	*Surrogate: SURR: p-Bromofluorobenzene*	*102 %*	*79-122*

Volatile Organics, Tentatively Identified Cmpds.

Log-in Notes:

Sample Notes:

Sample Information

Client Sample ID: MW-2 **York Sample ID:** 22G0719-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22G0719	#15209 13-16 Beach Channel	Water	July 13, 2022 8:50 am	07/15/2022

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
	Tentatively Identified Compounds	0.0		ug/L			1	EPA 8260C Certifications:	07/21/2022 06:25	07/21/2022 14:57	JTG

Sample Information

Client Sample ID: MW-3 **York Sample ID:** 22G0719-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22G0719	#15209 13-16 Beach Channel	Water	July 13, 2022 9:35 am	07/15/2022

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

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/21/2022 06:25 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/21/2022 15:27	JTG
71-55-6	1,1,1-Trichloroethane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/21/2022 06:25 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/21/2022 15:27	JTG
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/21/2022 06:25 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/21/2022 15:27	JTG
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/21/2022 06:25 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/21/2022 15:27	JTG
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/21/2022 06:25 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/21/2022 15:27	JTG
75-34-3	1,1-Dichloroethane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/21/2022 06:25 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/21/2022 15:27	JTG
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/21/2022 06:25 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/21/2022 15:27	JTG
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/21/2022 06:25 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/21/2022 15:27	JTG
96-18-4	1,2,3-Trichloropropane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/21/2022 06:25 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/21/2022 15:27	JTG
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/21/2022 06:25 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/21/2022 15:27	JTG
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/21/2022 06:25 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/21/2022 15:27	JTG
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/21/2022 06:25 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/21/2022 15:27	JTG
106-93-4	1,2-Dibromoethane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/21/2022 06:25 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/21/2022 15:27	JTG
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/21/2022 06:25 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/21/2022 15:27	JTG
107-06-2	1,2-Dichloroethane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/21/2022 06:25 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/21/2022 15:27	JTG
78-87-5	1,2-Dichloropropane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/21/2022 06:25 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/21/2022 15:27	JTG

Sample Information

Client Sample ID: MW-3 **York Sample ID:** 22G0719-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22G0719	#15209 13-16 Beach Channel	Water	July 13, 2022 9:35 am	07/15/2022

Volatile Organics, 8260 Low Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/21/2022 06:25	07/21/2022 15:27 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	JTG
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/21/2022 06:25	07/21/2022 15:27 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	JTG
142-28-9	1,3-Dichloropropane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/21/2022 06:25	07/21/2022 15:27 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	JTG
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/21/2022 06:25	07/21/2022 15:27 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	JTG
123-91-1	1,4-Dioxane	ND		ug/L	40.0	80.0	1	EPA 8260C Certifications:	07/21/2022 06:25	07/21/2022 15:27 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	JTG
78-93-3	2-Butanone	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/21/2022 06:25	07/21/2022 15:27 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	JTG
591-78-6	2-Hexanone	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/21/2022 06:25	07/21/2022 15:27 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	JTG
108-10-1	4-Methyl-2-pentanone	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/21/2022 06:25	07/21/2022 15:27 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	JTG
67-64-1	**Acetone**	**2.85**		ug/L	1.00	2.00	1	EPA 8260C Certifications:	07/21/2022 06:25	07/21/2022 15:27 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	JTG
107-02-8	Acrolein	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/21/2022 06:25	07/21/2022 15:27 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	JTG
107-13-1	Acrylonitrile	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/21/2022 06:25	07/21/2022 15:27 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	JTG
71-43-2	Benzene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/21/2022 06:25	07/21/2022 15:27 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	JTG
74-97-5	Bromochloromethane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/21/2022 06:25	07/21/2022 15:27 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	JTG
75-27-4	**Bromodichloromethane**	**3.42**		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/21/2022 06:25	07/21/2022 15:27 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	JTG
75-25-2	Bromoform	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/21/2022 06:25	07/21/2022 15:27 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	JTG
74-83-9	Bromomethane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/21/2022 06:25	07/21/2022 15:27 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	JTG
75-15-0	Carbon disulfide	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/21/2022 06:25	07/21/2022 15:27 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	JTG
56-23-5	Carbon tetrachloride	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/21/2022 06:25	07/21/2022 15:27 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	JTG
108-90-7	Chlorobenzene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/21/2022 06:25	07/21/2022 15:27 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	JTG
75-00-3	Chloroethane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/21/2022 06:25	07/21/2022 15:27 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	JTG
67-66-3	**Chloroform**	**60.7**		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/21/2022 06:25	07/21/2022 15:27 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	JTG
74-87-3	Chloromethane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/21/2022 06:25	07/21/2022 15:27 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	JTG
156-59-2	cis-1,2-Dichloroethylene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/21/2022 06:25	07/21/2022 15:27 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	JTG

Sample Information

Client Sample ID: MW-3 **York Sample ID:** 22G0719-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22G0719	#15209 13-16 Beach Channel	Water	July 13, 2022 9:35 am	07/15/2022

Volatile Organics, 8260 Low Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/21/2022 06:25	07/21/2022 15:27 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	JTG
110-82-7	Cyclohexane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/21/2022 06:25	07/21/2022 15:27 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	JTG
124-48-1	Dibromochloromethane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/21/2022 06:25	07/21/2022 15:27 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	JTG
74-95-3	Dibromomethane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/21/2022 06:25	07/21/2022 15:27 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	JTG
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/21/2022 06:25	07/21/2022 15:27 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	JTG
100-41-4	Ethyl Benzene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/21/2022 06:25	07/21/2022 15:27 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	JTG
87-68-3	Hexachlorobutadiene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/21/2022 06:25	07/21/2022 15:27 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	JTG
98-82-8	Isopropylbenzene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/21/2022 06:25	07/21/2022 15:27 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	JTG
79-20-9	Methyl acetate	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/21/2022 06:25	07/21/2022 15:27 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	JTG
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/21/2022 06:25	07/21/2022 15:27 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	JTG
108-87-2	Methylcyclohexane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/21/2022 06:25	07/21/2022 15:27 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	JTG
75-09-2	Methylene chloride	ND		ug/L	1.00	2.00	1	EPA 8260C Certifications:	07/21/2022 06:25	07/21/2022 15:27 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	JTG
91-20-3	Naphthalene	ND		ug/L	1.00	2.00	1	EPA 8260C Certifications:	07/21/2022 06:25	07/21/2022 15:27 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	JTG
104-51-8	n-Butylbenzene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/21/2022 06:25	07/21/2022 15:27 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	JTG
103-65-1	n-Propylbenzene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/21/2022 06:25	07/21/2022 15:27 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	JTG
95-47-6	o-Xylene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/21/2022 06:25	07/21/2022 15:27 CTDOH,NELAC-NY10854,NELAC-NY12058,PADEP	JTG
179601-23-1	p- & m- Xylenes	ND		ug/L	0.500	1.00	1	EPA 8260C Certifications:	07/21/2022 06:25	07/21/2022 15:27 CTDOH,NELAC-NY10854,NELAC-NY12058,PADEP	JTG
105-05-5	* p-Diethylbenzene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/21/2022 06:25	07/21/2022 15:27	JTG
622-96-8	* p-Ethyltoluene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/21/2022 06:25	07/21/2022 15:27	JTG
99-87-6	p-Isopropyltoluene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/21/2022 06:25	07/21/2022 15:27 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	JTG
135-98-8	sec-Butylbenzene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/21/2022 06:25	07/21/2022 15:27 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	JTG
100-42-5	Styrene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/21/2022 06:25	07/21/2022 15:27 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	JTG
75-65-0	tert-Butyl alcohol (TBA)	ND		ug/L	0.500	1.00	1	EPA 8260C Certifications:	07/21/2022 06:25	07/21/2022 15:27 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	JTG

Sample Information

Client Sample ID: MW-3 **York Sample ID:** 22G0719-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22G0719	#15209 13-16 Beach Channel	Water	July 13, 2022 9:35 am	07/15/2022

Volatile Organics, 8260 Low Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
98-06-6	tert-Butylbenzene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/21/2022 06:25	07/21/2022 15:27 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	JTG
127-18-4	**Tetrachloroethylene**	**5.39**		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/21/2022 06:25	07/21/2022 15:27 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	JTG
108-88-3	Toluene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/21/2022 06:25	07/21/2022 15:27 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	JTG
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/21/2022 06:25	07/21/2022 15:27 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	JTG
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/21/2022 06:25	07/21/2022 15:27 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	JTG
79-01-6	Trichloroethylene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/21/2022 06:25	07/21/2022 15:27 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	JTG
75-69-4	**Trichlorofluoromethane**	**2.79**	CCV-E	ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/21/2022 06:25	07/21/2022 15:27 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	JTG
75-01-4	Vinyl Chloride	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/21/2022 06:25	07/21/2022 15:27 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	JTG
1330-20-7	Xylenes, Total	ND		ug/L	0.600	1.50	1	EPA 8260C Certifications:	07/21/2022 06:25	07/21/2022 15:27 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP	JTG

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: SURR: 1,2-Dichloroethane-d4*	*124 %*	*69-130*
2037-26-5	*Surrogate: SURR: Toluene-d8*	*94.9 %*	*81-117*
460-00-4	*Surrogate: SURR: p-Bromofluorobenzene*	*94.1 %*	*79-122*

Volatile Organics, Tentatively Identified Cmpds.

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
NA	**DICHLOROFLUOROETHANE isomer...**	**17**	J	ug/L			1	EPA 8260C Certifications:	07/21/2022 06:25	07/21/2022 15:27	JTG
	Tentatively Identified Compounds	0.0		ug/L			1	EPA 8260C Certifications:	07/21/2022 06:25	07/21/2022 15:27	JTG

Sample Information

Client Sample ID: MW-4I **York Sample ID:** 22G0719-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22G0719	#15209 13-16 Beach Channel	Water	July 13, 2022 11:25 am	07/15/2022

Volatile Organics, 8260 Low Comprehensive

Log-in Notes:

Sample Notes:

Sample Information

Client Sample ID: **MW-4I** **York Sample ID:** **22G0719-04**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22G0719	#15209 13-16 Beach Channel	Water	July 13, 2022 11:25 am	07/15/2022

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	0.200	0.500	1	EPA 8260C	07/21/2022 06:25	07/21/2022 15:56	JTG
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
71-55-6	1,1,1-Trichloroethane	ND		ug/L	0.200	0.500	1	EPA 8260C	07/21/2022 06:25	07/21/2022 15:56	JTG
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.200	0.500	1	EPA 8260C	07/21/2022 06:25	07/21/2022 15:56	JTG
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/L	0.200	0.500	1	EPA 8260C	07/21/2022 06:25	07/21/2022 15:56	JTG
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.200	0.500	1	EPA 8260C	07/21/2022 06:25	07/21/2022 15:56	JTG
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-34-3	1,1-Dichloroethane	ND		ug/L	0.200	0.500	1	EPA 8260C	07/21/2022 06:25	07/21/2022 15:56	JTG
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.200	0.500	1	EPA 8260C	07/21/2022 06:25	07/21/2022 15:56	JTG
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	0.200	0.500	1	EPA 8260C	07/21/2022 06:25	07/21/2022 15:56	JTG
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
96-18-4	1,2,3-Trichloropropane	ND		ug/L	0.200	0.500	1	EPA 8260C	07/21/2022 06:25	07/21/2022 15:56	JTG
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.200	0.500	1	EPA 8260C	07/21/2022 06:25	07/21/2022 15:56	JTG
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	0.200	0.500	1	EPA 8260C	07/21/2022 06:25	07/21/2022 15:56	JTG
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.200	0.500	1	EPA 8260C	07/21/2022 06:25	07/21/2022 15:56	JTG
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
106-93-4	1,2-Dibromoethane	ND		ug/L	0.200	0.500	1	EPA 8260C	07/21/2022 06:25	07/21/2022 15:56	JTG
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.200	0.500	1	EPA 8260C	07/21/2022 06:25	07/21/2022 15:56	JTG
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
107-06-2	1,2-Dichloroethane	ND		ug/L	0.200	0.500	1	EPA 8260C	07/21/2022 06:25	07/21/2022 15:56	JTG
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
78-87-5	1,2-Dichloropropane	ND		ug/L	0.200	0.500	1	EPA 8260C	07/21/2022 06:25	07/21/2022 15:56	JTG
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	0.200	0.500	1	EPA 8260C	07/21/2022 06:25	07/21/2022 15:56	JTG
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.200	0.500	1	EPA 8260C	07/21/2022 06:25	07/21/2022 15:56	JTG
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
142-28-9	1,3-Dichloropropane	ND		ug/L	0.200	0.500	1	EPA 8260C	07/21/2022 06:25	07/21/2022 15:56	JTG
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.200	0.500	1	EPA 8260C	07/21/2022 06:25	07/21/2022 15:56	JTG
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
123-91-1	1,4-Dioxane	ND		ug/L	40.0	80.0	1	EPA 8260C	07/21/2022 06:25	07/21/2022 15:56	JTG
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
78-93-3	**2-Butanone**	**0.230**	Cal-E, J	ug/L	0.200	0.500	1	EPA 8260C	07/21/2022 06:25	07/21/2022 15:56	JTG
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
591-78-6	2-Hexanone	ND		ug/L	0.200	0.500	1	EPA 8260C	07/21/2022 06:25	07/21/2022 15:56	JTG
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
108-10-1	4-Methyl-2-pentanone	ND		ug/L	0.200	0.500	1	EPA 8260C	07/21/2022 06:25	07/21/2022 15:56	JTG
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		

Sample Information

Client Sample ID: MW-4I

York Sample ID: 22G0719-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22G0719	#15209 13-16 Beach Channel	Water	July 13, 2022 11:25 am	07/15/2022

Volatile Organics, 8260 Low Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
67-64-1	**Acetone**	**13.2**		ug/L	1.00	2.00	1	EPA 8260C	07/21/2022 06:25	07/21/2022 15:56	JTG
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
107-02-8	**Acrolein**	**0.210**	J	ug/L	0.200	0.500	1	EPA 8260C	07/21/2022 06:25	07/21/2022 15:56	JTG
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
107-13-1	Acrylonitrile	ND		ug/L	0.200	0.500	1	EPA 8260C	07/21/2022 06:25	07/21/2022 15:56	JTG
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
71-43-2	Benzene	ND		ug/L	0.200	0.500	1	EPA 8260C	07/21/2022 06:25	07/21/2022 15:56	JTG
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
74-97-5	Bromochloromethane	ND		ug/L	0.200	0.500	1	EPA 8260C	07/21/2022 06:25	07/21/2022 15:56	JTG
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-27-4	Bromodichloromethane	ND		ug/L	0.200	0.500	1	EPA 8260C	07/21/2022 06:25	07/21/2022 15:56	JTG
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-25-2	Bromoform	ND		ug/L	0.200	0.500	1	EPA 8260C	07/21/2022 06:25	07/21/2022 15:56	JTG
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
74-83-9	Bromomethane	ND		ug/L	0.200	0.500	1	EPA 8260C	07/21/2022 06:25	07/21/2022 15:56	JTG
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-15-0	Carbon disulfide	ND		ug/L	0.200	0.500	1	EPA 8260C	07/21/2022 06:25	07/21/2022 15:56	JTG
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
56-23-5	Carbon tetrachloride	ND		ug/L	0.200	0.500	1	EPA 8260C	07/21/2022 06:25	07/21/2022 15:56	JTG
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
108-90-7	Chlorobenzene	ND		ug/L	0.200	0.500	1	EPA 8260C	07/21/2022 06:25	07/21/2022 15:56	JTG
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-00-3	Chloroethane	ND		ug/L	0.200	0.500	1	EPA 8260C	07/21/2022 06:25	07/21/2022 15:56	JTG
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
67-66-3	**Chloroform**	**1.95**		ug/L	0.200	0.500	1	EPA 8260C	07/21/2022 06:25	07/21/2022 15:56	JTG
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
74-87-3	**Chloromethane**	**0.230**	J	ug/L	0.200	0.500	1	EPA 8260C	07/21/2022 06:25	07/21/2022 15:56	JTG
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
156-59-2	cis-1,2-Dichloroethylene	ND		ug/L	0.200	0.500	1	EPA 8260C	07/21/2022 06:25	07/21/2022 15:56	JTG
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.200	0.500	1	EPA 8260C	07/21/2022 06:25	07/21/2022 15:56	JTG
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
110-82-7	Cyclohexane	ND		ug/L	0.200	0.500	1	EPA 8260C	07/21/2022 06:25	07/21/2022 15:56	JTG
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
124-48-1	Dibromochloromethane	ND		ug/L	0.200	0.500	1	EPA 8260C	07/21/2022 06:25	07/21/2022 15:56	JTG
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
74-95-3	Dibromomethane	ND		ug/L	0.200	0.500	1	EPA 8260C	07/21/2022 06:25	07/21/2022 15:56	JTG
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.200	0.500	1	EPA 8260C	07/21/2022 06:25	07/21/2022 15:56	JTG
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
100-41-4	Ethyl Benzene	ND		ug/L	0.200	0.500	1	EPA 8260C	07/21/2022 06:25	07/21/2022 15:56	JTG
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
87-68-3	Hexachlorobutadiene	ND		ug/L	0.200	0.500	1	EPA 8260C	07/21/2022 06:25	07/21/2022 15:56	JTG
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
98-82-8	Isopropylbenzene	ND		ug/L	0.200	0.500	1	EPA 8260C	07/21/2022 06:25	07/21/2022 15:56	JTG
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		

Sample Information

Client Sample ID: MW-4I

York Sample ID: 22G0719-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22G0719	#15209 13-16 Beach Channel	Water	July 13, 2022 11:25 am	07/15/2022

Volatile Organics, 8260 Low Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
79-20-9	Methyl acetate	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/21/2022 06:25	07/21/2022 15:56 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	JTG
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/21/2022 06:25	07/21/2022 15:56 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	JTG
108-87-2	Methylcyclohexane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/21/2022 06:25	07/21/2022 15:56 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	JTG
75-09-2	Methylene chloride	ND		ug/L	1.00	2.00	1	EPA 8260C Certifications:	07/21/2022 06:25	07/21/2022 15:56 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	JTG
91-20-3	Naphthalene	ND		ug/L	1.00	2.00	1	EPA 8260C Certifications:	07/21/2022 06:25	07/21/2022 15:56 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	JTG
104-51-8	n-Butylbenzene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/21/2022 06:25	07/21/2022 15:56 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	JTG
103-65-1	n-Propylbenzene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/21/2022 06:25	07/21/2022 15:56 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	JTG
95-47-6	o-Xylene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/21/2022 06:25	07/21/2022 15:56 CTDOH,NELAC-NY10854,NELAC-NY12058,PADEP	JTG
179601-23-1	p- & m- Xylenes	ND		ug/L	0.500	1.00	1	EPA 8260C Certifications:	07/21/2022 06:25	07/21/2022 15:56 CTDOH,NELAC-NY10854,NELAC-NY12058,PADEP	JTG
105-05-5	* p-Diethylbenzene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/21/2022 06:25	07/21/2022 15:56	JTG
622-96-8	* p-Ethyltoluene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/21/2022 06:25	07/21/2022 15:56	JTG
99-87-6	p-Isopropyltoluene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/21/2022 06:25	07/21/2022 15:56 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	JTG
135-98-8	sec-Butylbenzene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/21/2022 06:25	07/21/2022 15:56 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	JTG
100-42-5	Styrene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/21/2022 06:25	07/21/2022 15:56 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	JTG
75-65-0	tert-Butyl alcohol (TBA)	ND		ug/L	0.500	1.00	1	EPA 8260C Certifications:	07/21/2022 06:25	07/21/2022 15:56 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	JTG
98-06-6	tert-Butylbenzene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/21/2022 06:25	07/21/2022 15:56 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	JTG
127-18-4	**Tetrachloroethylene**	**0.490**	J	ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/21/2022 06:25	07/21/2022 15:56 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	JTG
108-88-3	Toluene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/21/2022 06:25	07/21/2022 15:56 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	JTG
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/21/2022 06:25	07/21/2022 15:56 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	JTG
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/21/2022 06:25	07/21/2022 15:56 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	JTG
79-01-6	Trichloroethylene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/21/2022 06:25	07/21/2022 15:56 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	JTG
75-69-4	Trichlorofluoromethane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/21/2022 06:25	07/21/2022 15:56 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	JTG
75-01-4	Vinyl Chloride	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/21/2022 06:25	07/21/2022 15:56 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	JTG

Sample Information

Client Sample ID: MW-4I **York Sample ID:** 22G0719-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22G0719	#15209 13-16 Beach Channel	Water	July 13, 2022 11:25 am	07/15/2022

Volatile Organics, 8260 Low Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
1330-20-7	Xylenes, Total	ND		ug/L	0.600	1.50	1	EPA 8260C Certifications:	07/21/2022 06:25 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP	07/21/2022 15:56	JTG

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: SURR: 1,2-Dichloroethane-d4*	*123 %*	*69-130*
2037-26-5	*Surrogate: SURR: Toluene-d8*	*93.9 %*	*81-117*
460-00-4	*Surrogate: SURR: p-Bromofluorobenzene*	*87.6 %*	*79-122*

Volatile Organics, Tentatively Identified Cmpds.

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
NA	**DICHLOROFLUOROETHANE isomer...**	**16**	J	ug/L			1	EPA 8260C Certifications:	07/21/2022 06:25	07/21/2022 15:56	JTG
	Tentatively Identified Compounds	0.0		ug/L			1	EPA 8260C Certifications:	07/21/2022 06:25	07/21/2022 15:56	JTG

Sample Information

Client Sample ID: MW-4S **York Sample ID:** 22G0719-05

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22G0719	#15209 13-16 Beach Channel	Water	July 13, 2022 12:05 pm	07/15/2022

Volatile Organics, 8260 Low Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/21/2022 06:25 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/21/2022 16:22	JTG
71-55-6	1,1,1-Trichloroethane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/21/2022 06:25 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/21/2022 16:22	JTG
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/21/2022 06:25 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/21/2022 16:22	JTG
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/21/2022 06:25 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/21/2022 16:22	JTG
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/21/2022 06:25 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/21/2022 16:22	JTG
75-34-3	1,1-Dichloroethane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/21/2022 06:25 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/21/2022 16:22	JTG
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/21/2022 06:25 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/21/2022 16:22	JTG
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/21/2022 06:25 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/21/2022 16:22	JTG

Sample Information

Client Sample ID: MW-4S

York Sample ID: 22G0719-05

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22G0719	#15209 13-16 Beach Channel	Water	July 13, 2022 12:05 pm	07/15/2022

Volatile Organics, 8260 Low Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
96-18-4	1,2,3-Trichloropropane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/21/2022 06:25	07/21/2022 16:22	JTG NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/21/2022 06:25	07/21/2022 16:22	JTG NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/21/2022 06:25	07/21/2022 16:22	JTG CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/21/2022 06:25	07/21/2022 16:22	JTG CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
106-93-4	1,2-Dibromoethane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/21/2022 06:25	07/21/2022 16:22	JTG CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/21/2022 06:25	07/21/2022 16:22	JTG CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
107-06-2	1,2-Dichloroethane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/21/2022 06:25	07/21/2022 16:22	JTG CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
78-87-5	1,2-Dichloropropane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/21/2022 06:25	07/21/2022 16:22	JTG CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/21/2022 06:25	07/21/2022 16:22	JTG CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/21/2022 06:25	07/21/2022 16:22	JTG CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
142-28-9	1,3-Dichloropropane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/21/2022 06:25	07/21/2022 16:22	JTG NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/21/2022 06:25	07/21/2022 16:22	JTG CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
123-91-1	1,4-Dioxane	ND		ug/L	40.0	80.0	1	EPA 8260C Certifications:	07/21/2022 06:25	07/21/2022 16:22	JTG NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
78-93-3	2-Butanone	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/21/2022 06:25	07/21/2022 16:22	JTG CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
591-78-6	2-Hexanone	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/21/2022 06:25	07/21/2022 16:22	JTG CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
108-10-1	4-Methyl-2-pentanone	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/21/2022 06:25	07/21/2022 16:22	JTG CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
67-64-1	**Acetone**	**4.35**		ug/L	1.00	2.00	1	EPA 8260C Certifications:	07/21/2022 06:25	07/21/2022 16:22	JTG CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
107-02-8	Acrolein	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/21/2022 06:25	07/21/2022 16:22	JTG CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
107-13-1	Acrylonitrile	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/21/2022 06:25	07/21/2022 16:22	JTG CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
71-43-2	Benzene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/21/2022 06:25	07/21/2022 16:22	JTG CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
74-97-5	Bromochloromethane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/21/2022 06:25	07/21/2022 16:22	JTG NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
75-27-4	Bromodichloromethane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/21/2022 06:25	07/21/2022 16:22	JTG CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
75-25-2	Bromoform	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/21/2022 06:25	07/21/2022 16:22	JTG CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP

Sample Information

Client Sample ID: MW-4S

York Sample ID: 22G0719-05

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22G0719	#15209 13-16 Beach Channel	Water	July 13, 2022 12:05 pm	07/15/2022

Volatile Organics, 8260 Low Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
74-83-9	Bromomethane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/21/2022 06:25	07/21/2022 16:22	JTG CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
75-15-0	Carbon disulfide	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/21/2022 06:25	07/21/2022 16:22	JTG CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
56-23-5	Carbon tetrachloride	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/21/2022 06:25	07/21/2022 16:22	JTG CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
108-90-7	Chlorobenzene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/21/2022 06:25	07/21/2022 16:22	JTG CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
75-00-3	Chloroethane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/21/2022 06:25	07/21/2022 16:22	JTG CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
67-66-3	**Chloroform**	**0.780**		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/21/2022 06:25	07/21/2022 16:22	JTG CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
74-87-3	Chloromethane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/21/2022 06:25	07/21/2022 16:22	JTG CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
156-59-2	cis-1,2-Dichloroethylene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/21/2022 06:25	07/21/2022 16:22	JTG CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/21/2022 06:25	07/21/2022 16:22	JTG CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
110-82-7	Cyclohexane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/21/2022 06:25	07/21/2022 16:22	JTG NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
124-48-1	Dibromochloromethane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/21/2022 06:25	07/21/2022 16:22	JTG CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
74-95-3	Dibromomethane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/21/2022 06:25	07/21/2022 16:22	JTG NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/21/2022 06:25	07/21/2022 16:22	JTG NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
100-41-4	Ethyl Benzene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/21/2022 06:25	07/21/2022 16:22	JTG CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
87-68-3	Hexachlorobutadiene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/21/2022 06:25	07/21/2022 16:22	JTG NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
98-82-8	Isopropylbenzene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/21/2022 06:25	07/21/2022 16:22	JTG CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
79-20-9	Methyl acetate	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/21/2022 06:25	07/21/2022 16:22	JTG NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/21/2022 06:25	07/21/2022 16:22	JTG CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
108-87-2	Methylcyclohexane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/21/2022 06:25	07/21/2022 16:22	JTG NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
75-09-2	Methylene chloride	ND		ug/L	1.00	2.00	1	EPA 8260C Certifications:	07/21/2022 06:25	07/21/2022 16:22	JTG CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
91-20-3	Naphthalene	ND		ug/L	1.00	2.00	1	EPA 8260C Certifications:	07/21/2022 06:25	07/21/2022 16:22	JTG NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
104-51-8	n-Butylbenzene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/21/2022 06:25	07/21/2022 16:22	JTG CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
103-65-1	n-Propylbenzene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/21/2022 06:25	07/21/2022 16:22	JTG CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP

Sample Information

Client Sample ID: MW-4S

York Sample ID: 22G0719-05

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22G0719	#15209 13-16 Beach Channel	Water	July 13, 2022 12:05 pm	07/15/2022

Volatile Organics, 8260 Low Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
95-47-6	o-Xylene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/21/2022 06:25	07/21/2022 16:22 CTDOH,NELAC-NY10854,NELAC-NY12058,PADEP	JTG
179601-23-1	p- & m- Xylenes	ND		ug/L	0.500	1.00	1	EPA 8260C Certifications:	07/21/2022 06:25	07/21/2022 16:22 CTDOH,NELAC-NY10854,NELAC-NY12058,PADEP	JTG
105-05-5	* p-Diethylbenzene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/21/2022 06:25	07/21/2022 16:22	JTG
622-96-8	* p-Ethyltoluene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/21/2022 06:25	07/21/2022 16:22	JTG
99-87-6	p-Isopropyltoluene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/21/2022 06:25	07/21/2022 16:22 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	JTG
135-98-8	sec-Butylbenzene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/21/2022 06:25	07/21/2022 16:22 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	JTG
100-42-5	Styrene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/21/2022 06:25	07/21/2022 16:22 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	JTG
75-65-0	**tert-Butyl alcohol (TBA)**	**0.820**	J	ug/L	0.500	1.00	1	EPA 8260C Certifications:	07/21/2022 06:25	07/21/2022 16:22 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	JTG
98-06-6	tert-Butylbenzene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/21/2022 06:25	07/21/2022 16:22 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	JTG
127-18-4	**Tetrachloroethylene**	**0.610**		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/21/2022 06:25	07/21/2022 16:22 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	JTG
108-88-3	Toluene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/21/2022 06:25	07/21/2022 16:22 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	JTG
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/21/2022 06:25	07/21/2022 16:22 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	JTG
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/21/2022 06:25	07/21/2022 16:22 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	JTG
79-01-6	Trichloroethylene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/21/2022 06:25	07/21/2022 16:22 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	JTG
75-69-4	Trichlorofluoromethane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/21/2022 06:25	07/21/2022 16:22 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	JTG
75-01-4	Vinyl Chloride	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/21/2022 06:25	07/21/2022 16:22 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	JTG
1330-20-7	Xylenes, Total	ND		ug/L	0.600	1.50	1	EPA 8260C Certifications:	07/21/2022 06:25	07/21/2022 16:22 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP	JTG

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: SURR: 1,2-Dichloroethane-d4*	*128 %*	*69-130*
2037-26-5	*Surrogate: SURR: Toluene-d8*	*92.9 %*	*81-117*
460-00-4	*Surrogate: SURR: p-Bromofluorobenzene*	*79.1 %*	*79-122*

Volatile Organics, Tentatively Identified Cmpds.

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
	Tentatively Identified Compounds	0.0		ug/L			1	EPA 8260C Certifications:	07/21/2022 06:25	07/21/2022 16:22	JTG

Sample Information

Client Sample ID: **MW-4S** **York Sample ID:** **22G0719-05**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22G0719	#15209 13-16 Beach Channel	Water	July 13, 2022 12:05 pm	07/15/2022

Sample Information

Client Sample ID: **MW-5** **York Sample ID:** **22G0719-06**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22G0719	#15209 13-16 Beach Channel	Water	July 13, 2022 12:55 pm	07/15/2022

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

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/21/2022 06:25	07/21/2022 16:49 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	JTG
71-55-6	1,1,1-Trichloroethane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/21/2022 06:25	07/21/2022 16:49 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	JTG
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/21/2022 06:25	07/21/2022 16:49 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	JTG
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/21/2022 06:25	07/21/2022 16:49 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	JTG
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/21/2022 06:25	07/21/2022 16:49 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	JTG
75-34-3	1,1-Dichloroethane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/21/2022 06:25	07/21/2022 16:49 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	JTG
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/21/2022 06:25	07/21/2022 16:49 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	JTG
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/21/2022 06:25	07/21/2022 16:49 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	JTG
96-18-4	1,2,3-Trichloropropane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/21/2022 06:25	07/21/2022 16:49 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	JTG
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/21/2022 06:25	07/21/2022 16:49 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	JTG
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/21/2022 06:25	07/21/2022 16:49 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	JTG
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/21/2022 06:25	07/21/2022 16:49 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	JTG
106-93-4	1,2-Dibromoethane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/21/2022 06:25	07/21/2022 16:49 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	JTG
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/21/2022 06:25	07/21/2022 16:49 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	JTG
107-06-2	1,2-Dichloroethane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/21/2022 06:25	07/21/2022 16:49 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	JTG
78-87-5	1,2-Dichloropropane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/21/2022 06:25	07/21/2022 16:49 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	JTG
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/21/2022 06:25	07/21/2022 16:49 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	JTG
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/21/2022 06:25	07/21/2022 16:49 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	JTG
142-28-9	1,3-Dichloropropane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/21/2022 06:25	07/21/2022 16:49 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	JTG

Sample Information

Client Sample ID: MW-5 **York Sample ID:** 22G0719-06

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22G0719	#15209 13-16 Beach Channel	Water	July 13, 2022 12:55 pm	07/15/2022

Volatile Organics, 8260 Low Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/21/2022 06:25	07/21/2022 16:49 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	JTG
123-91-1	1,4-Dioxane	ND		ug/L	40.0	80.0	1	EPA 8260C Certifications:	07/21/2022 06:25	07/21/2022 16:49 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	JTG
78-93-3	**2-Butanone**	**3.19**	Cal-E	ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/21/2022 06:25	07/21/2022 16:49 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	JTG
591-78-6	2-Hexanone	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/21/2022 06:25	07/21/2022 16:49 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	JTG
108-10-1	4-Methyl-2-pentanone	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/21/2022 06:25	07/21/2022 16:49 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	JTG
67-64-1	**Acetone**	**8.41**		ug/L	1.00	2.00	1	EPA 8260C Certifications:	07/21/2022 06:25	07/21/2022 16:49 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	JTG
107-02-8	Acrolein	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/21/2022 06:25	07/21/2022 16:49 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	JTG
107-13-1	Acrylonitrile	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/21/2022 06:25	07/21/2022 16:49 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	JTG
71-43-2	Benzene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/21/2022 06:25	07/21/2022 16:49 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	JTG
74-97-5	Bromochloromethane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/21/2022 06:25	07/21/2022 16:49 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	JTG
75-27-4	Bromodichloromethane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/21/2022 06:25	07/21/2022 16:49 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	JTG
75-25-2	Bromoform	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/21/2022 06:25	07/21/2022 16:49 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	JTG
74-83-9	Bromomethane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/21/2022 06:25	07/21/2022 16:49 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	JTG
75-15-0	Carbon disulfide	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/21/2022 06:25	07/21/2022 16:49 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	JTG
56-23-5	Carbon tetrachloride	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/21/2022 06:25	07/21/2022 16:49 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	JTG
108-90-7	Chlorobenzene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/21/2022 06:25	07/21/2022 16:49 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	JTG
75-00-3	Chloroethane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/21/2022 06:25	07/21/2022 16:49 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	JTG
67-66-3	Chloroform	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/21/2022 06:25	07/21/2022 16:49 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	JTG
74-87-3	Chloromethane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/21/2022 06:25	07/21/2022 16:49 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	JTG
156-59-2	cis-1,2-Dichloroethylene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/21/2022 06:25	07/21/2022 16:49 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	JTG
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/21/2022 06:25	07/21/2022 16:49 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	JTG
110-82-7	Cyclohexane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/21/2022 06:25	07/21/2022 16:49 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	JTG
124-48-1	Dibromochloromethane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/21/2022 06:25	07/21/2022 16:49 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	JTG

Sample Information

Client Sample ID: MW-5 **York Sample ID:** 22G0719-06

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22G0719	#15209 13-16 Beach Channel	Water	July 13, 2022 12:55 pm	07/15/2022

Volatile Organics, 8260 Low Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
74-95-3	Dibromomethane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/21/2022 06:25 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/21/2022 16:49	JTG
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/21/2022 06:25 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/21/2022 16:49	JTG
100-41-4	Ethyl Benzene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/21/2022 06:25 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/21/2022 16:49	JTG
87-68-3	Hexachlorobutadiene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/21/2022 06:25 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/21/2022 16:49	JTG
98-82-8	Isopropylbenzene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/21/2022 06:25 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/21/2022 16:49	JTG
79-20-9	Methyl acetate	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/21/2022 06:25 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/21/2022 16:49	JTG
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/21/2022 06:25 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/21/2022 16:49	JTG
108-87-2	Methylcyclohexane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/21/2022 06:25 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/21/2022 16:49	JTG
75-09-2	Methylene chloride	ND		ug/L	1.00	2.00	1	EPA 8260C Certifications:	07/21/2022 06:25 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/21/2022 16:49	JTG
91-20-3	Naphthalene	ND		ug/L	1.00	2.00	1	EPA 8260C Certifications:	07/21/2022 06:25 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/21/2022 16:49	JTG
104-51-8	n-Butylbenzene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/21/2022 06:25 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/21/2022 16:49	JTG
103-65-1	n-Propylbenzene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/21/2022 06:25 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/21/2022 16:49	JTG
95-47-6	o-Xylene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/21/2022 06:25 CTDOH,NELAC-NY10854,NELAC-NY12058,PADEP	07/21/2022 16:49	JTG
179601-23-1	p- & m- Xylenes	ND		ug/L	0.500	1.00	1	EPA 8260C Certifications:	07/21/2022 06:25 CTDOH,NELAC-NY10854,NELAC-NY12058,PADEP	07/21/2022 16:49	JTG
105-05-5	* p-Diethylbenzene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/21/2022 06:25	07/21/2022 16:49	JTG
622-96-8	* p-Ethyltoluene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/21/2022 06:25	07/21/2022 16:49	JTG
99-87-6	p-Isopropyltoluene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/21/2022 06:25 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/21/2022 16:49	JTG
135-98-8	sec-Butylbenzene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/21/2022 06:25 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/21/2022 16:49	JTG
100-42-5	Styrene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/21/2022 06:25 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/21/2022 16:49	JTG
75-65-0	**tert-Butyl alcohol (TBA)**	**2.16**		ug/L	0.500	1.00	1	EPA 8260C Certifications:	07/21/2022 06:25 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/21/2022 16:49	JTG
98-06-6	tert-Butylbenzene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/21/2022 06:25 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/21/2022 16:49	JTG
127-18-4	**Tetrachloroethylene**	**2.00**		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/21/2022 06:25 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/21/2022 16:49	JTG
108-88-3	Toluene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/21/2022 06:25 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/21/2022 16:49	JTG

Sample Information

Client Sample ID: MW-5 **York Sample ID:** 22G0719-06

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22G0719	#15209 13-16 Beach Channel	Water	July 13, 2022 12:55 pm	07/15/2022

Volatile Organics, 8260 Low Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/21/2022 06:25	07/21/2022 16:49 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	JTG
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/21/2022 06:25	07/21/2022 16:49 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	JTG
79-01-6	Trichloroethylene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/21/2022 06:25	07/21/2022 16:49 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	JTG
75-69-4	Trichlorofluoromethane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/21/2022 06:25	07/21/2022 16:49 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	JTG
75-01-4	Vinyl Chloride	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/21/2022 06:25	07/21/2022 16:49 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	JTG
1330-20-7	Xylenes, Total	ND		ug/L	0.600	1.50	1	EPA 8260C Certifications:	07/21/2022 06:25	07/21/2022 16:49 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP	JTG

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: SURR: 1,2-Dichloroethane-d4*	*125 %*	*69-130*
2037-26-5	*Surrogate: SURR: Toluene-d8*	*91.9 %*	*81-117*
460-00-4	*Surrogate: SURR: p-Bromofluorobenzene*	*94.6 %*	*79-122*

Volatile Organics, Tentatively Identified Cmpds.

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
	Tentatively Identified Compounds	0.0		ug/L			1	EPA 8260C Certifications:	07/21/2022 06:25	07/21/2022 16:49	JTG

Sample Information

Client Sample ID: MW-7I **York Sample ID:** 22G0719-07

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22G0719	#15209 13-16 Beach Channel	Water	July 14, 2022 1:25 pm	07/15/2022

Volatile Organics, 8260 Low Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/22/2022 06:54	07/22/2022 16:13 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	JTG
71-55-6	1,1,1-Trichloroethane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/22/2022 06:54	07/22/2022 16:13 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	JTG
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/22/2022 06:54	07/22/2022 16:13 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	JTG
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/22/2022 06:54	07/22/2022 16:13 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	JTG

Sample Information

Client Sample ID: MW-7I

York Sample ID: 22G0719-07

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22G0719	#15209 13-16 Beach Channel	Water	July 14, 2022 1:25 pm	07/15/2022

Volatile Organics, 8260 Low Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/22/2022 06:54 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/22/2022 16:13	JTG
75-34-3	1,1-Dichloroethane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/22/2022 06:54 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/22/2022 16:13	JTG
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/22/2022 06:54 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/22/2022 16:13	JTG
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/22/2022 06:54 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/22/2022 16:13	JTG
96-18-4	1,2,3-Trichloropropane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/22/2022 06:54 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/22/2022 16:13	JTG
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/22/2022 06:54 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/22/2022 16:13	JTG
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/22/2022 06:54 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/22/2022 16:13	JTG
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/22/2022 06:54 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/22/2022 16:13	JTG
106-93-4	1,2-Dibromoethane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/22/2022 06:54 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/22/2022 16:13	JTG
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/22/2022 06:54 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/22/2022 16:13	JTG
107-06-2	1,2-Dichloroethane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/22/2022 06:54 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/22/2022 16:13	JTG
78-87-5	1,2-Dichloropropane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/22/2022 06:54 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/22/2022 16:13	JTG
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/22/2022 06:54 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/22/2022 16:13	JTG
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/22/2022 06:54 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/22/2022 16:13	JTG
142-28-9	1,3-Dichloropropane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/22/2022 06:54 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/22/2022 16:13	JTG
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/22/2022 06:54 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/22/2022 16:13	JTG
123-91-1	1,4-Dioxane	ND		ug/L	40.0	80.0	1	EPA 8260C Certifications:	07/22/2022 06:54 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/22/2022 16:13	JTG
78-93-3	**2-Butanone**	**2.66**	Cal-E	ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/22/2022 06:54 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/22/2022 16:13	JTG
591-78-6	2-Hexanone	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/22/2022 06:54 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/22/2022 16:13	JTG
108-10-1	4-Methyl-2-pentanone	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/22/2022 06:54 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/22/2022 16:13	JTG
67-64-1	**Acetone**	**14.3**		ug/L	1.00	2.00	1	EPA 8260C Certifications:	07/22/2022 06:54 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/22/2022 16:13	JTG
107-02-8	**Acrolein**	**2.83**		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/22/2022 06:54 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/22/2022 16:13	JTG
107-13-1	Acrylonitrile	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/22/2022 06:54 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/22/2022 16:13	JTG

Sample Information

Client Sample ID: MW-7I

York Sample ID: 22G0719-07

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22G0719	#15209 13-16 Beach Channel	Water	July 14, 2022 1:25 pm	07/15/2022

Volatile Organics, 8260 Low Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
71-43-2	Benzene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/22/2022 06:54	07/22/2022 16:13	JTG CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
74-97-5	Bromochloromethane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/22/2022 06:54	07/22/2022 16:13	JTG NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
75-27-4	Bromodichloromethane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/22/2022 06:54	07/22/2022 16:13	JTG CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
75-25-2	Bromoform	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/22/2022 06:54	07/22/2022 16:13	JTG CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
74-83-9	Bromomethane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/22/2022 06:54	07/22/2022 16:13	JTG CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
75-15-0	**Carbon disulfide**	**0.810**		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/22/2022 06:54	07/22/2022 16:13	JTG CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
56-23-5	Carbon tetrachloride	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/22/2022 06:54	07/22/2022 16:13	JTG CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
108-90-7	Chlorobenzene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/22/2022 06:54	07/22/2022 16:13	JTG CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
75-00-3	Chloroethane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/22/2022 06:54	07/22/2022 16:13	JTG CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
67-66-3	**Chloroform**	**1.81**		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/22/2022 06:54	07/22/2022 16:13	JTG CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
74-87-3	Chloromethane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/22/2022 06:54	07/22/2022 16:13	JTG CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
156-59-2	**cis-1,2-Dichloroethylene**	**0.240**	J	ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/22/2022 06:54	07/22/2022 16:13	JTG CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/22/2022 06:54	07/22/2022 16:13	JTG CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
110-82-7	Cyclohexane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/22/2022 06:54	07/22/2022 16:13	JTG NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
124-48-1	Dibromochloromethane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/22/2022 06:54	07/22/2022 16:13	JTG CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
74-95-3	Dibromomethane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/22/2022 06:54	07/22/2022 16:13	JTG NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/22/2022 06:54	07/22/2022 16:13	JTG NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
100-41-4	Ethyl Benzene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/22/2022 06:54	07/22/2022 16:13	JTG CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
87-68-3	Hexachlorobutadiene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/22/2022 06:54	07/22/2022 16:13	JTG NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
98-82-8	Isopropylbenzene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/22/2022 06:54	07/22/2022 16:13	JTG CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
79-20-9	**Methyl acetate**	**0.430**	J	ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/22/2022 06:54	07/22/2022 16:13	JTG NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/22/2022 06:54	07/22/2022 16:13	JTG CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
108-87-2	Methylcyclohexane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/22/2022 06:54	07/22/2022 16:13	JTG NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP

Sample Information

Client Sample ID: MW-7I

York Sample ID: 22G0719-07

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22G0719	#15209 13-16 Beach Channel	Water	July 14, 2022 1:25 pm	07/15/2022

Volatile Organics, 8260 Low Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
75-09-2	Methylene chloride	ND		ug/L	1.00	2.00	1	EPA 8260C Certifications:	07/22/2022 06:54	07/22/2022 16:13 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	JTG
91-20-3	Naphthalene	ND		ug/L	1.00	2.00	1	EPA 8260C Certifications:	07/22/2022 06:54	07/22/2022 16:13 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	JTG
104-51-8	n-Butylbenzene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/22/2022 06:54	07/22/2022 16:13 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	JTG
103-65-1	n-Propylbenzene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/22/2022 06:54	07/22/2022 16:13 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	JTG
95-47-6	o-Xylene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/22/2022 06:54	07/22/2022 16:13 CTDOH,NELAC-NY10854,NELAC-NY12058,PADEP	JTG
179601-23-1	p- & m- Xylenes	ND		ug/L	0.500	1.00	1	EPA 8260C Certifications:	07/22/2022 06:54	07/22/2022 16:13 CTDOH,NELAC-NY10854,NELAC-NY12058,PADEP	JTG
105-05-5	* p-Diethylbenzene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/22/2022 06:54	07/22/2022 16:13	JTG
622-96-8	* p-Ethyltoluene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/22/2022 06:54	07/22/2022 16:13	JTG
99-87-6	p-Isopropyltoluene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/22/2022 06:54	07/22/2022 16:13 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	JTG
135-98-8	sec-Butylbenzene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/22/2022 06:54	07/22/2022 16:13 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	JTG
100-42-5	Styrene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/22/2022 06:54	07/22/2022 16:13 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	JTG
75-65-0	tert-Butyl alcohol (TBA)	ND		ug/L	0.500	1.00	1	EPA 8260C Certifications:	07/22/2022 06:54	07/22/2022 16:13 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	JTG
98-06-6	tert-Butylbenzene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/22/2022 06:54	07/22/2022 16:13 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	JTG
127-18-4	**Tetrachloroethylene**	**6.79**		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/22/2022 06:54	07/22/2022 16:13 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	JTG
108-88-3	Toluene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/22/2022 06:54	07/22/2022 16:13 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	JTG
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/22/2022 06:54	07/22/2022 16:13 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	JTG
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/22/2022 06:54	07/22/2022 16:13 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	JTG
79-01-6	Trichloroethylene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/22/2022 06:54	07/22/2022 16:13 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	JTG
75-69-4	Trichlorofluoromethane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/22/2022 06:54	07/22/2022 16:13 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	JTG
75-01-4	Vinyl Chloride	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/22/2022 06:54	07/22/2022 16:13 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	JTG
1330-20-7	Xylenes, Total	ND		ug/L	0.600	1.50	1	EPA 8260C Certifications:	07/22/2022 06:54	07/22/2022 16:13 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP	JTG

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: SURR: 1,2-Dichloroethane-d4*	*127 %*	*69-130*
2037-26-5	*Surrogate: SURR: Toluene-d8*	*94.0 %*	*81-117*

Sample Information

Client Sample ID: MW-7I **York Sample ID:** 22G0719-07

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22G0719	#15209 13-16 Beach Channel	Water	July 14, 2022 1:25 pm	07/15/2022

Volatile Organics, 8260 Low Comprehensive

Log-in Notes: Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
460-00-4	*Surrogate: SURR: p-Bromofluorobenzene*	*89.0 %*			*79-122*						

Volatile Organics, Tentatively Identified Cmpds.

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
	Tentatively Identified Compounds	0.0		ug/L			1	EPA 8260C Certifications:	07/22/2022 06:54	07/22/2022 16:13	JTG

Iron by EPA 6010

Log-in Notes: Sample Notes:

Sample Prepared by Method: EPA 3015A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-89-6	**Iron**	**2.33**		mg/L	0.278	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/20/2022 11:40	07/20/2022 15:37	KT

Iron, Dissolved by EPA 6010

Log-in Notes: Sample Notes:

Sample Prepared by Method: EPA 3015A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-89-6	**Iron**	**0.319**		mg/L	0.278	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/19/2022 12:11	07/20/2022 13:09	KT

Nitrate as N

Log-in Notes: Sample Notes:

Sample Prepared by Method: EPA 300

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
14797-55-8	Nitrate as N	ND		mg/L	0.0500	1	EPA 300.0 Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	07/15/2022 20:44	07/15/2022 23:21	ZTS

Sulfate as SO4

Log-in Notes: Sample Notes:

Sample Prepared by Method: EPA 300

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
14808-79-8	**Sulfate**	**26.4**		mg/L	1.00	1	EPA 300.0 Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	07/15/2022 20:44	07/15/2022 23:21	ZTS

Sulfide

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

Sample Information

Client Sample ID: MW-7I **York Sample ID:** 22G0719-07

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22G0719	#15209 13-16 Beach Channel	Water	July 14, 2022 1:25 pm	07/15/2022

Sulfide **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
18496-25-8	**Sulfide**	**2.0**		mg/L	1.0	1	SM 4500-S F	07/21/2022 08:40	07/21/2022 08:40	AD
							Certifications:	CTDOH,NJDEP,NELAC-NY10854,PADEP		

Analyzed by: Hampton-Clarke Veritech (SUB)

Methane, Ethane & Ethylene-RSK **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: Preparation for GC Analysis

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
74-84-0	Methane, Ethane & Ethylene	See Attached		See Attached			See Attached	07/14/2022 13:25		
							Certifications:			

Analyzed by: Phoenix Environmental Labs, Inc. *

SM5310B-11 **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: SM5310B-11

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
PHNX - TOC	**Total Organic Carbon**	**69**		mg/L	10	10	SM5310B-11	07/22/2022 11:10	07/22/2022 00:00	CT007
							Certifications:			

Sample Information

Client Sample ID: MW-7S **York Sample ID:** 22G0719-08

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22G0719	#15209 13-16 Beach Channel	Water	July 14, 2022 12:45 pm	07/15/2022

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

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/L	0.200	0.500	1	EPA 8260C	07/21/2022 06:25	07/21/2022 17:15	JTG
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
71-55-6	1,1,1-Trichloroethane	ND		ug/L	0.200	0.500	1	EPA 8260C	07/21/2022 06:25	07/21/2022 17:15	JTG
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.200	0.500	1	EPA 8260C	07/21/2022 06:25	07/21/2022 17:15	JTG
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		

Sample Information

Client Sample ID: MW-7S

York Sample ID: 22G0719-08

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22G0719	#15209 13-16 Beach Channel	Water	July 14, 2022 12:45 pm	07/15/2022

Volatile Organics, 8260 Low Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/21/2022 06:25	07/21/2022 17:15 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	JTG
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/21/2022 06:25	07/21/2022 17:15 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	JTG
75-34-3	1,1-Dichloroethane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/21/2022 06:25	07/21/2022 17:15 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	JTG
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/21/2022 06:25	07/21/2022 17:15 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	JTG
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/21/2022 06:25	07/21/2022 17:15 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	JTG
96-18-4	1,2,3-Trichloropropane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/21/2022 06:25	07/21/2022 17:15 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	JTG
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/21/2022 06:25	07/21/2022 17:15 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	JTG
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/21/2022 06:25	07/21/2022 17:15 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	JTG
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/21/2022 06:25	07/21/2022 17:15 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	JTG
106-93-4	1,2-Dibromoethane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/21/2022 06:25	07/21/2022 17:15 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	JTG
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/21/2022 06:25	07/21/2022 17:15 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	JTG
107-06-2	1,2-Dichloroethane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/21/2022 06:25	07/21/2022 17:15 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	JTG
78-87-5	1,2-Dichloropropane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/21/2022 06:25	07/21/2022 17:15 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	JTG
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/21/2022 06:25	07/21/2022 17:15 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	JTG
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/21/2022 06:25	07/21/2022 17:15 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	JTG
142-28-9	1,3-Dichloropropane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/21/2022 06:25	07/21/2022 17:15 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	JTG
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/21/2022 06:25	07/21/2022 17:15 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	JTG
123-91-1	1,4-Dioxane	ND		ug/L	40.0	80.0	1	EPA 8260C Certifications:	07/21/2022 06:25	07/21/2022 17:15 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	JTG
78-93-3	**2-Butanone**	**4.22**	Cal-E	ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/21/2022 06:25	07/21/2022 17:15 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	JTG
591-78-6	**2-Hexanone**	**0.240**	Cal-E, J	ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/21/2022 06:25	07/21/2022 17:15 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	JTG
108-10-1	4-Methyl-2-pentanone	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/21/2022 06:25	07/21/2022 17:15 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	JTG
67-64-1	**Acetone**	**10.1**		ug/L	1.00	2.00	1	EPA 8260C Certifications:	07/21/2022 06:25	07/21/2022 17:15 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	JTG
107-02-8	Acrolein	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/21/2022 06:25	07/21/2022 17:15 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	JTG

Sample Information

Client Sample ID: MW-7S

York Sample ID: 22G0719-08

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22G0719	#15209 13-16 Beach Channel	Water	July 14, 2022 12:45 pm	07/15/2022

Volatile Organics, 8260 Low Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
107-13-1	Acrylonitrile	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/21/2022 06:25	07/21/2022 17:15	JTG CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
71-43-2	Benzene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/21/2022 06:25	07/21/2022 17:15	JTG CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
74-97-5	Bromochloromethane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/21/2022 06:25	07/21/2022 17:15	JTG NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
75-27-4	Bromodichloromethane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/21/2022 06:25	07/21/2022 17:15	JTG CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
75-25-2	Bromoform	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/21/2022 06:25	07/21/2022 17:15	JTG CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
74-83-9	Bromomethane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/21/2022 06:25	07/21/2022 17:15	JTG CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
75-15-0	**Carbon disulfide**	**1.61**		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/21/2022 06:25	07/21/2022 17:15	JTG CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
56-23-5	Carbon tetrachloride	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/21/2022 06:25	07/21/2022 17:15	JTG CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
108-90-7	Chlorobenzene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/21/2022 06:25	07/21/2022 17:15	JTG CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
75-00-3	Chloroethane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/21/2022 06:25	07/21/2022 17:15	JTG CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
67-66-3	**Chloroform**	**3.15**		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/21/2022 06:25	07/21/2022 17:15	JTG CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
74-87-3	**Chloromethane**	**0.300**	J	ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/21/2022 06:25	07/21/2022 17:15	JTG CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
156-59-2	**cis-1,2-Dichloroethylene**	**1.95**		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/21/2022 06:25	07/21/2022 17:15	JTG CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/21/2022 06:25	07/21/2022 17:15	JTG CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
110-82-7	Cyclohexane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/21/2022 06:25	07/21/2022 17:15	JTG NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
124-48-1	Dibromochloromethane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/21/2022 06:25	07/21/2022 17:15	JTG CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
74-95-3	Dibromomethane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/21/2022 06:25	07/21/2022 17:15	JTG NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/21/2022 06:25	07/21/2022 17:15	JTG NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
100-41-4	Ethyl Benzene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/21/2022 06:25	07/21/2022 17:15	JTG CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
87-68-3	Hexachlorobutadiene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/21/2022 06:25	07/21/2022 17:15	JTG NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
98-82-8	Isopropylbenzene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/21/2022 06:25	07/21/2022 17:15	JTG CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
79-20-9	Methyl acetate	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/21/2022 06:25	07/21/2022 17:15	JTG NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/21/2022 06:25	07/21/2022 17:15	JTG CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP

Sample Information

Client Sample ID: MW-7S

York Sample ID: 22G0719-08

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22G0719	#15209 13-16 Beach Channel	Water	July 14, 2022 12:45 pm	07/15/2022

Volatile Organics, 8260 Low Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
108-87-2	Methylcyclohexane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/21/2022 06:25 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/21/2022 17:15	JTG
75-09-2	Methylene chloride	ND		ug/L	1.00	2.00	1	EPA 8260C Certifications:	07/21/2022 06:25 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/21/2022 17:15	JTG
91-20-3	Naphthalene	ND		ug/L	1.00	2.00	1	EPA 8260C Certifications:	07/21/2022 06:25 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/21/2022 17:15	JTG
104-51-8	n-Butylbenzene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/21/2022 06:25 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/21/2022 17:15	JTG
103-65-1	n-Propylbenzene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/21/2022 06:25 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/21/2022 17:15	JTG
95-47-6	o-Xylene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/21/2022 06:25 CTDOH,NELAC-NY10854,NELAC-NY12058,PADEP	07/21/2022 17:15	JTG
179601-23-1	p- & m- Xylenes	ND		ug/L	0.500	1.00	1	EPA 8260C Certifications:	07/21/2022 06:25 CTDOH,NELAC-NY10854,NELAC-NY12058,PADEP	07/21/2022 17:15	JTG
105-05-5	* p-Diethylbenzene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/21/2022 06:25	07/21/2022 17:15	JTG
622-96-8	* p-Ethyltoluene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/21/2022 06:25	07/21/2022 17:15	JTG
99-87-6	p-Isopropyltoluene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/21/2022 06:25 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/21/2022 17:15	JTG
135-98-8	sec-Butylbenzene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/21/2022 06:25 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/21/2022 17:15	JTG
100-42-5	Styrene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/21/2022 06:25 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/21/2022 17:15	JTG
75-65-0	**tert-Butyl alcohol (TBA)**	**1.64**		ug/L	0.500	1.00	1	EPA 8260C Certifications:	07/21/2022 06:25 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/21/2022 17:15	JTG
98-06-6	tert-Butylbenzene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/21/2022 06:25 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/21/2022 17:15	JTG
127-18-4	**Tetrachloroethylene**	**8.65**		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/21/2022 06:25 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/21/2022 17:15	JTG
108-88-3	Toluene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/21/2022 06:25 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/21/2022 17:15	JTG
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/21/2022 06:25 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/21/2022 17:15	JTG
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/21/2022 06:25 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/21/2022 17:15	JTG
79-01-6	**Trichloroethylene**	**0.290**	J	ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/21/2022 06:25 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/21/2022 17:15	JTG
75-69-4	Trichlorofluoromethane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/21/2022 06:25 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/21/2022 17:15	JTG
75-01-4	Vinyl Chloride	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/21/2022 06:25 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/21/2022 17:15	JTG
1330-20-7	Xylenes, Total	ND		ug/L	0.600	1.50	1	EPA 8260C Certifications:	07/21/2022 06:25 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP	07/21/2022 17:15	JTG

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

Sample Information

Client Sample ID: MW-7S

York Sample ID: 22G0719-08

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22G0719	#15209 13-16 Beach Channel	Water	July 14, 2022 12:45 pm	07/15/2022

Volatile Organics, 8260 Low Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
2037-26-5	*Surrogate: SURR: Toluene-d8*	*90.5 %*			*81-117*						
460-00-4	*Surrogate: SURR: p-Bromofluorobenzene*	*84.6 %*			*79-122*						

Volatile Organics, Tentatively Identified Cmpds.

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
	Tentatively Identified Compounds	0.0		ug/L			1	EPA 8260C Certifications:	07/21/2022 06:25	07/21/2022 17:15	JTG

Iron by EPA 6010

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3015A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-89-6	**Iron**	**4.44**		mg/L	0.278	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/20/2022 11:40	07/20/2022 15:40	KT

Iron, Dissolved by EPA 6010

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3015A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-89-6	**Iron**	**1.18**		mg/L	0.278	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/19/2022 12:11	07/20/2022 13:12	KT

Nitrate as N

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 300

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
14797-55-8	**Nitrate as N**	**0.0908**		mg/L	0.0500	1	EPA 300.0 Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	07/15/2022 20:44	07/15/2022 23:48	ZTS

Sulfate as SO4

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 300

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
14808-79-8	**Sulfate**	**5.94**		mg/L	1.00	1	EPA 300.0 Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	07/15/2022 20:44	07/15/2022 23:48	ZTS

Sulfide

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

Sample Information

Client Sample ID: MW-7S **York Sample ID:** 22G0719-08

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22G0719	#15209 13-16 Beach Channel	Water	July 14, 2022 12:45 pm	07/15/2022

Sulfide **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
18496-25-8	Sulfide	ND		mg/L	1.0	1	SM 4500-S F	07/21/2022 08:40	07/21/2022 08:40	AD
							Certifications:	CTDOH,NJDEP,NELAC-NY10854,PADEP		

Analyzed by: Hampton-Clarke Veritech (SUB)

Methane, Ethane & Ethylene-RSK **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: Preparation for GC Analysis

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
74-84-0	Methane, Ethane & Ethylene	See Attached		See Attached			See Attached	07/14/2022 12:45		
							Certifications:			

Analyzed by: Phoenix Environmental Labs, Inc. *

SM5310B-11 **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: SM5310B-11

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
PHNX - TOC	**Total Organic Carbon**	**11.3**		mg/L	1.0	1	SM5310B-11	07/20/2022 16:13	07/20/2022 00:00	CT007
							Certifications:			

Sample Information

Client Sample ID: MW-8I **York Sample ID:** 22G0719-09

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22G0719	#15209 13-16 Beach Channel	Water	July 14, 2022 11:05 am	07/15/2022

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

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/L	0.200	0.500	1	EPA 8260C	07/21/2022 06:25	07/21/2022 17:42	JTG
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
71-55-6	1,1,1-Trichloroethane	ND		ug/L	0.200	0.500	1	EPA 8260C	07/21/2022 06:25	07/21/2022 17:42	JTG
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.200	0.500	1	EPA 8260C	07/21/2022 06:25	07/21/2022 17:42	JTG
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		

Sample Information

Client Sample ID: MW-8I

York Sample ID: 22G0719-09

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22G0719	#15209 13-16 Beach Channel	Water	July 14, 2022 11:05 am	07/15/2022

Volatile Organics, 8260 Low Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/21/2022 06:25	07/21/2022 17:42 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	JTG
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/21/2022 06:25	07/21/2022 17:42 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	JTG
75-34-3	1,1-Dichloroethane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/21/2022 06:25	07/21/2022 17:42 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	JTG
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/21/2022 06:25	07/21/2022 17:42 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	JTG
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/21/2022 06:25	07/21/2022 17:42 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	JTG
96-18-4	1,2,3-Trichloropropane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/21/2022 06:25	07/21/2022 17:42 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	JTG
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/21/2022 06:25	07/21/2022 17:42 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	JTG
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/21/2022 06:25	07/21/2022 17:42 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	JTG
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/21/2022 06:25	07/21/2022 17:42 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	JTG
106-93-4	1,2-Dibromoethane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/21/2022 06:25	07/21/2022 17:42 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	JTG
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/21/2022 06:25	07/21/2022 17:42 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	JTG
107-06-2	1,2-Dichloroethane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/21/2022 06:25	07/21/2022 17:42 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	JTG
78-87-5	1,2-Dichloropropane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/21/2022 06:25	07/21/2022 17:42 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	JTG
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/21/2022 06:25	07/21/2022 17:42 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	JTG
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/21/2022 06:25	07/21/2022 17:42 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	JTG
142-28-9	1,3-Dichloropropane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/21/2022 06:25	07/21/2022 17:42 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	JTG
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/21/2022 06:25	07/21/2022 17:42 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	JTG
123-91-1	1,4-Dioxane	ND		ug/L	40.0	80.0	1	EPA 8260C Certifications:	07/21/2022 06:25	07/21/2022 17:42 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	JTG
78-93-3	**2-Butanone**	**0.530**	Cal-E	ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/21/2022 06:25	07/21/2022 17:42 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	JTG
591-78-6	2-Hexanone	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/21/2022 06:25	07/21/2022 17:42 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	JTG
108-10-1	4-Methyl-2-pentanone	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/21/2022 06:25	07/21/2022 17:42 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	JTG
67-64-1	**Acetone**	**2.08**		ug/L	1.00	2.00	1	EPA 8260C Certifications:	07/21/2022 06:25	07/21/2022 17:42 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	JTG
107-02-8	Acrolein	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/21/2022 06:25	07/21/2022 17:42 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	JTG

Sample Information

Client Sample ID: MW-8I

York Sample ID: 22G0719-09

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22G0719	#15209 13-16 Beach Channel	Water	July 14, 2022 11:05 am	07/15/2022

Volatile Organics, 8260 Low Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
107-13-1	Acrylonitrile	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/21/2022 06:25	07/21/2022 17:42 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	JTG
71-43-2	Benzene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/21/2022 06:25	07/21/2022 17:42 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	JTG
74-97-5	Bromochloromethane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/21/2022 06:25	07/21/2022 17:42 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	JTG
75-27-4	Bromodichloromethane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/21/2022 06:25	07/21/2022 17:42 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	JTG
75-25-2	Bromoform	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/21/2022 06:25	07/21/2022 17:42 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	JTG
74-83-9	Bromomethane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/21/2022 06:25	07/21/2022 17:42 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	JTG
75-15-0	**Carbon disulfide**	**0.200**	J	ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/21/2022 06:25	07/21/2022 17:42 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	JTG
56-23-5	Carbon tetrachloride	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/21/2022 06:25	07/21/2022 17:42 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	JTG
108-90-7	Chlorobenzene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/21/2022 06:25	07/21/2022 17:42 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	JTG
75-00-3	Chloroethane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/21/2022 06:25	07/21/2022 17:42 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	JTG
67-66-3	**Chloroform**	**5.93**		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/21/2022 06:25	07/21/2022 17:42 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	JTG
74-87-3	Chloromethane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/21/2022 06:25	07/21/2022 17:42 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	JTG
156-59-2	cis-1,2-Dichloroethylene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/21/2022 06:25	07/21/2022 17:42 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	JTG
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/21/2022 06:25	07/21/2022 17:42 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	JTG
110-82-7	Cyclohexane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/21/2022 06:25	07/21/2022 17:42 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	JTG
124-48-1	Dibromochloromethane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/21/2022 06:25	07/21/2022 17:42 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	JTG
74-95-3	Dibromomethane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/21/2022 06:25	07/21/2022 17:42 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	JTG
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/21/2022 06:25	07/21/2022 17:42 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	JTG
100-41-4	Ethyl Benzene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/21/2022 06:25	07/21/2022 17:42 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	JTG
87-68-3	Hexachlorobutadiene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/21/2022 06:25	07/21/2022 17:42 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	JTG
98-82-8	Isopropylbenzene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/21/2022 06:25	07/21/2022 17:42 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	JTG
79-20-9	Methyl acetate	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/21/2022 06:25	07/21/2022 17:42 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	JTG
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/21/2022 06:25	07/21/2022 17:42 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	JTG

Sample Information

Client Sample ID: MW-8I

York Sample ID: 22G0719-09

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22G0719	#15209 13-16 Beach Channel	Water	July 14, 2022 11:05 am	07/15/2022

Volatile Organics, 8260 Low Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
108-87-2	Methylcyclohexane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/21/2022 06:25 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/21/2022 17:42	JTG
75-09-2	**Methylene chloride**	**2.32**		ug/L	1.00	2.00	1	EPA 8260C Certifications:	07/21/2022 06:25 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/21/2022 17:42	JTG
91-20-3	Naphthalene	ND		ug/L	1.00	2.00	1	EPA 8260C Certifications:	07/21/2022 06:25 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/21/2022 17:42	JTG
104-51-8	n-Butylbenzene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/21/2022 06:25 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/21/2022 17:42	JTG
103-65-1	n-Propylbenzene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/21/2022 06:25 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/21/2022 17:42	JTG
95-47-6	o-Xylene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/21/2022 06:25 CTDOH,NELAC-NY10854,NELAC-NY12058,PADEP	07/21/2022 17:42	JTG
179601-23-1	p- & m- Xylenes	ND		ug/L	0.500	1.00	1	EPA 8260C Certifications:	07/21/2022 06:25 CTDOH,NELAC-NY10854,NELAC-NY12058,PADEP	07/21/2022 17:42	JTG
105-05-5	* p-Diethylbenzene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/21/2022 06:25	07/21/2022 17:42	JTG
622-96-8	* p-Ethyltoluene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/21/2022 06:25	07/21/2022 17:42	JTG
99-87-6	p-Isopropyltoluene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/21/2022 06:25 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/21/2022 17:42	JTG
135-98-8	sec-Butylbenzene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/21/2022 06:25 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/21/2022 17:42	JTG
100-42-5	Styrene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/21/2022 06:25 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/21/2022 17:42	JTG
75-65-0	**tert-Butyl alcohol (TBA)**	**1.21**		ug/L	0.500	1.00	1	EPA 8260C Certifications:	07/21/2022 06:25 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/21/2022 17:42	JTG
98-06-6	tert-Butylbenzene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/21/2022 06:25 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/21/2022 17:42	JTG
127-18-4	**Tetrachloroethylene**	**14.9**		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/21/2022 06:25 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/21/2022 17:42	JTG
108-88-3	Toluene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/21/2022 06:25 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/21/2022 17:42	JTG
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/21/2022 06:25 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/21/2022 17:42	JTG
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/21/2022 06:25 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/21/2022 17:42	JTG
79-01-6	Trichloroethylene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/21/2022 06:25 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/21/2022 17:42	JTG
75-69-4	Trichlorofluoromethane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/21/2022 06:25 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/21/2022 17:42	JTG
75-01-4	Vinyl Chloride	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/21/2022 06:25 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/21/2022 17:42	JTG
1330-20-7	Xylenes, Total	ND		ug/L	0.600	1.50	1	EPA 8260C Certifications:	07/21/2022 06:25 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP	07/21/2022 17:42	JTG

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: SURR: 1,2-Dichloroethane-d4*	*126 %*	*69-130*

Sample Information

Client Sample ID: MW-8I

York Sample ID: 22G0719-09

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22G0719	#15209 13-16 Beach Channel	Water	July 14, 2022 11:05 am	07/15/2022

Volatile Organics, 8260 Low Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
2037-26-5	*Surrogate: SURR: Toluene-d8*	*93.3 %*			*81-117*						
460-00-4	*Surrogate: SURR: p-Bromofluorobenzene*	*96.4 %*			*79-122*						

Volatile Organics, Tentatively Identified Cmpds.

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
	Tentatively Identified Compounds	0.0		ug/L			1	EPA 8260C Certifications:	07/21/2022 06:25	07/21/2022 17:42	JTG

Iron by EPA 6010

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3015A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-89-6	**Iron**	**1.62**		mg/L	0.278	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/20/2022 11:40	07/20/2022 15:43	KT

Iron, Dissolved by EPA 6010

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3015A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-89-6	Iron	ND		mg/L	0.278	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/19/2022 12:11	07/20/2022 13:15	KT

Nitrate as N

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 300

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
14797-55-8	**Nitrate as N**	**0.222**		mg/L	0.0500	1	EPA 300.0 Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	07/15/2022 20:44	07/15/2022 23:57	ZTS

Sulfate as SO4

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 300

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
14808-79-8	**Sulfate**	**30.0**		mg/L	1.00	1	EPA 300.0 Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	07/15/2022 20:44	07/15/2022 23:57	ZTS

Sulfide

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

Sample Information

Client Sample ID: MW-8I **York Sample ID:** 22G0719-09

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22G0719	#15209 13-16 Beach Channel	Water	July 14, 2022 11:05 am	07/15/2022

Sulfide **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
18496-25-8	Sulfide	ND		mg/L	1.0	1	SM 4500-S F	07/21/2022 08:40	07/21/2022 08:40	AD
							Certifications:	CTDOH,NJDEP,NELAC-NY10854,PADEP		

Analyzed by: Hampton-Clarke Veritech (SUB)

Methane, Ethane & Ethylene-RSK **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: Preparation for GC Analysis

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
74-84-0	Methane, Ethane & Ethylene	See Attached		See Attached			See Attached	07/14/2022 11:05		
							Certifications:			

Analyzed by: Phoenix Environmental Labs, Inc. *

SM5310B-11 **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: SM5310B-11

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
PHNX - TOC	**Total Organic Carbon**	**2.7**		mg/L	1.0	1	SM5310B-11	07/20/2022 16:27	07/20/2022 00:00	CT007
							Certifications:			

Sample Information

Client Sample ID: MW-8S **York Sample ID:** 22G0719-10

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22G0719	#15209 13-16 Beach Channel	Water	July 14, 2022 11:50 am	07/15/2022

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

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/L	0.200	0.500	1	EPA 8260C	07/21/2022 06:25	07/21/2022 18:08	JTG
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
71-55-6	1,1,1-Trichloroethane	ND		ug/L	0.200	0.500	1	EPA 8260C	07/21/2022 06:25	07/21/2022 18:08	JTG
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.200	0.500	1	EPA 8260C	07/21/2022 06:25	07/21/2022 18:08	JTG
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		

Sample Information

Client Sample ID: **MW-8S** **York Sample ID:** **22G0719-10**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22G0719	#15209 13-16 Beach Channel	Water	July 14, 2022 11:50 am	07/15/2022

Volatile Organics, 8260 Low Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/21/2022 06:25	07/21/2022 18:08 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	JTG
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/21/2022 06:25	07/21/2022 18:08 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	JTG
75-34-3	1,1-Dichloroethane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/21/2022 06:25	07/21/2022 18:08 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	JTG
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/21/2022 06:25	07/21/2022 18:08 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	JTG
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/21/2022 06:25	07/21/2022 18:08 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	JTG
96-18-4	1,2,3-Trichloropropane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/21/2022 06:25	07/21/2022 18:08 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	JTG
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/21/2022 06:25	07/21/2022 18:08 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	JTG
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/21/2022 06:25	07/21/2022 18:08 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	JTG
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/21/2022 06:25	07/21/2022 18:08 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	JTG
106-93-4	1,2-Dibromoethane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/21/2022 06:25	07/21/2022 18:08 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	JTG
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/21/2022 06:25	07/21/2022 18:08 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	JTG
107-06-2	1,2-Dichloroethane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/21/2022 06:25	07/21/2022 18:08 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	JTG
78-87-5	1,2-Dichloropropane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/21/2022 06:25	07/21/2022 18:08 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	JTG
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/21/2022 06:25	07/21/2022 18:08 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	JTG
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/21/2022 06:25	07/21/2022 18:08 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	JTG
142-28-9	1,3-Dichloropropane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/21/2022 06:25	07/21/2022 18:08 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	JTG
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/21/2022 06:25	07/21/2022 18:08 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	JTG
123-91-1	1,4-Dioxane	ND		ug/L	40.0	80.0	1	EPA 8260C Certifications:	07/21/2022 06:25	07/21/2022 18:08 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	JTG
78-93-3	**2-Butanone**	**0.870**	Cal-E	ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/21/2022 06:25	07/21/2022 18:08 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	JTG
591-78-6	2-Hexanone	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/21/2022 06:25	07/21/2022 18:08 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	JTG
108-10-1	4-Methyl-2-pentanone	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/21/2022 06:25	07/21/2022 18:08 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	JTG
67-64-1	**Acetone**	**1.16**	J	ug/L	1.00	2.00	1	EPA 8260C Certifications:	07/21/2022 06:25	07/21/2022 18:08 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	JTG
107-02-8	Acrolein	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/21/2022 06:25	07/21/2022 18:08 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	JTG

Sample Information

Client Sample ID: **MW-8S** **York Sample ID:** **22G0719-10**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22G0719	#15209 13-16 Beach Channel	Water	July 14, 2022 11:50 am	07/15/2022

Volatile Organics, 8260 Low Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
107-13-1	Acrylonitrile	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/21/2022 06:25	07/21/2022 18:08 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	JTG
71-43-2	Benzene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/21/2022 06:25	07/21/2022 18:08 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	JTG
74-97-5	Bromochloromethane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/21/2022 06:25	07/21/2022 18:08 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	JTG
75-27-4	Bromodichloromethane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/21/2022 06:25	07/21/2022 18:08 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	JTG
75-25-2	Bromoform	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/21/2022 06:25	07/21/2022 18:08 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	JTG
74-83-9	Bromomethane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/21/2022 06:25	07/21/2022 18:08 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	JTG
75-15-0	Carbon disulfide	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/21/2022 06:25	07/21/2022 18:08 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	JTG
56-23-5	Carbon tetrachloride	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/21/2022 06:25	07/21/2022 18:08 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	JTG
108-90-7	Chlorobenzene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/21/2022 06:25	07/21/2022 18:08 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	JTG
75-00-3	Chloroethane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/21/2022 06:25	07/21/2022 18:08 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	JTG
67-66-3	**Chloroform**	**0.250**	J	ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/21/2022 06:25	07/21/2022 18:08 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	JTG
74-87-3	Chloromethane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/21/2022 06:25	07/21/2022 18:08 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	JTG
156-59-2	cis-1,2-Dichloroethylene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/21/2022 06:25	07/21/2022 18:08 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	JTG
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/21/2022 06:25	07/21/2022 18:08 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	JTG
110-82-7	Cyclohexane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/21/2022 06:25	07/21/2022 18:08 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	JTG
124-48-1	Dibromochloromethane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/21/2022 06:25	07/21/2022 18:08 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	JTG
74-95-3	Dibromomethane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/21/2022 06:25	07/21/2022 18:08 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	JTG
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/21/2022 06:25	07/21/2022 18:08 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	JTG
100-41-4	Ethyl Benzene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/21/2022 06:25	07/21/2022 18:08 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	JTG
87-68-3	Hexachlorobutadiene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/21/2022 06:25	07/21/2022 18:08 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	JTG
98-82-8	Isopropylbenzene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/21/2022 06:25	07/21/2022 18:08 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	JTG
79-20-9	Methyl acetate	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/21/2022 06:25	07/21/2022 18:08 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	JTG
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/21/2022 06:25	07/21/2022 18:08 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	JTG

Sample Information

Client Sample ID: MW-8S

York Sample ID: 22G0719-10

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22G0719	#15209 13-16 Beach Channel	Water	July 14, 2022 11:50 am	07/15/2022

Volatile Organics, 8260 Low Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
108-87-2	Methylcyclohexane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/21/2022 06:25 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/21/2022 18:08	JTG
75-09-2	Methylene chloride	ND		ug/L	1.00	2.00	1	EPA 8260C Certifications:	07/21/2022 06:25 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/21/2022 18:08	JTG
91-20-3	Naphthalene	ND		ug/L	1.00	2.00	1	EPA 8260C Certifications:	07/21/2022 06:25 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/21/2022 18:08	JTG
104-51-8	n-Butylbenzene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/21/2022 06:25 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/21/2022 18:08	JTG
103-65-1	n-Propylbenzene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/21/2022 06:25 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/21/2022 18:08	JTG
95-47-6	o-Xylene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/21/2022 06:25 CTDOH,NELAC-NY10854,NELAC-NY12058,PADEP	07/21/2022 18:08	JTG
179601-23-1	p- & m- Xylenes	ND		ug/L	0.500	1.00	1	EPA 8260C Certifications:	07/21/2022 06:25 CTDOH,NELAC-NY10854,NELAC-NY12058,PADEP	07/21/2022 18:08	JTG
105-05-5	* p-Diethylbenzene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/21/2022 06:25	07/21/2022 18:08	JTG
622-96-8	* p-Ethyltoluene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/21/2022 06:25	07/21/2022 18:08	JTG
99-87-6	p-Isopropyltoluene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/21/2022 06:25 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/21/2022 18:08	JTG
135-98-8	sec-Butylbenzene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/21/2022 06:25 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/21/2022 18:08	JTG
100-42-5	Styrene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/21/2022 06:25 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/21/2022 18:08	JTG
75-65-0	tert-Butyl alcohol (TBA)	ND		ug/L	0.500	1.00	1	EPA 8260C Certifications:	07/21/2022 06:25 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/21/2022 18:08	JTG
98-06-6	tert-Butylbenzene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/21/2022 06:25 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/21/2022 18:08	JTG
127-18-4	**Tetrachloroethylene**	**1.28**		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/21/2022 06:25 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/21/2022 18:08	JTG
108-88-3	Toluene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/21/2022 06:25 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/21/2022 18:08	JTG
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/21/2022 06:25 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/21/2022 18:08	JTG
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/21/2022 06:25 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/21/2022 18:08	JTG
79-01-6	Trichloroethylene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/21/2022 06:25 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/21/2022 18:08	JTG
75-69-4	Trichlorofluoromethane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/21/2022 06:25 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/21/2022 18:08	JTG
75-01-4	Vinyl Chloride	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/21/2022 06:25 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/21/2022 18:08	JTG
1330-20-7	Xylenes, Total	ND		ug/L	0.600	1.50	1	EPA 8260C Certifications:	07/21/2022 06:25 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP	07/21/2022 18:08	JTG

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: SURR: 1,2-Dichloroethane-d4*	*128 %*	*69-130*

Sample Information

Client Sample ID: MW-8S

York Sample ID: 22G0719-10

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22G0719	#15209 13-16 Beach Channel	Water	July 14, 2022 11:50 am	07/15/2022

Volatile Organics, 8260 Low Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
2037-26-5	*Surrogate: SURR: Toluene-d8*	*92.9 %*			*81-117*						
460-00-4	*Surrogate: SURR: p-Bromofluorobenzene*	*97.6 %*			*79-122*						

Volatile Organics, Tentatively Identified Cmpds.

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
	Tentatively Identified Compounds	0.0		ug/L			1	EPA 8260C Certifications:	07/21/2022 06:25	07/21/2022 18:08	JTG

Iron by EPA 6010

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3015A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-89-6	**Iron**	**0.985**		mg/L	0.278	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/20/2022 11:40	07/20/2022 15:46	KT

Iron, Dissolved by EPA 6010

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3015A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-89-6	**Iron**	**0.576**		mg/L	0.278	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/19/2022 12:11	07/20/2022 13:18	KT

Nitrate as N

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 300

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
14797-55-8	**Nitrate as N**	**0.741**		mg/L	0.0500	1	EPA 300.0 Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	07/15/2022 20:44	07/16/2022 00:07	ZTS

Sulfate as SO4

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 300

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
14808-79-8	Sulfate	ND		mg/L	1.00	1	EPA 300.0 Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	07/15/2022 20:44	07/16/2022 00:07	ZTS

Sulfide

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

Sample Information

Client Sample ID: MW-8S **York Sample ID:** 22G0719-10

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22G0719	#15209 13-16 Beach Channel	Water	July 14, 2022 11:50 am	07/15/2022

Sulfide **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
18496-25-8	**Sulfide**	**1.2**		mg/L	1.0	1	SM 4500-S F	07/21/2022 08:40	07/21/2022 08:40	AD
							Certifications:	CTDOH,NJDEP,NELAC-NY10854,PADEP		

Analyzed by: Hampton-Clarke Veritech (SUB)

Methane, Ethane & Ethylene-RSK **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: Preparation for GC Analysis

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
74-84-0	Methane, Ethane & Ethylene	See Attached		See Attached			See Attached	07/14/2022 11:50		
							Certifications:			

Analyzed by: Phoenix Environmental Labs, Inc. *

SM5310B-11 **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: SM5310B-11

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
PHNX - TOC	Total Organic Carbon	ND		mg/L	1.0	1	SM5310B-11	07/20/2022 16:41	07/20/2022 00:00	CT007
							Certifications:			

Sample Information

Client Sample ID: MW-9I **York Sample ID:** 22G0719-11

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22G0719	#15209 13-16 Beach Channel	Water	July 14, 2022 2:45 pm	07/15/2022

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

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/L	0.200	0.500	1	EPA 8260C	07/19/2022 06:55	07/20/2022 02:21	KT
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
71-55-6	1,1,1-Trichloroethane	ND		ug/L	0.200	0.500	1	EPA 8260C	07/19/2022 06:55	07/20/2022 02:21	KT
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.200	0.500	1	EPA 8260C	07/19/2022 06:55	07/20/2022 02:21	KT
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		

Sample Information

Client Sample ID: MW-9I

York Sample ID: 22G0719-11

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22G0719	#15209 13-16 Beach Channel	Water	July 14, 2022 2:45 pm	07/15/2022

Volatile Organics, 8260 Low Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/19/2022 06:55	07/20/2022 02:21 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	KT
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/19/2022 06:55	07/20/2022 02:21 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	KT
75-34-3	1,1-Dichloroethane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/19/2022 06:55	07/20/2022 02:21 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	KT
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/19/2022 06:55	07/20/2022 02:21 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	KT
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/19/2022 06:55	07/20/2022 02:21 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	KT
96-18-4	1,2,3-Trichloropropane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/19/2022 06:55	07/20/2022 02:21 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	KT
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/19/2022 06:55	07/20/2022 02:21 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	KT
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/19/2022 06:55	07/20/2022 02:21 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	KT
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/19/2022 06:55	07/20/2022 02:21 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	KT
106-93-4	1,2-Dibromoethane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/19/2022 06:55	07/20/2022 02:21 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	KT
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/19/2022 06:55	07/20/2022 02:21 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	KT
107-06-2	1,2-Dichloroethane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/19/2022 06:55	07/20/2022 02:21 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	KT
78-87-5	1,2-Dichloropropane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/19/2022 06:55	07/20/2022 02:21 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	KT
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/19/2022 06:55	07/20/2022 02:21 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	KT
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/19/2022 06:55	07/20/2022 02:21 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	KT
142-28-9	1,3-Dichloropropane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/19/2022 06:55	07/20/2022 02:21 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	KT
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/19/2022 06:55	07/20/2022 02:21 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	KT
123-91-1	1,4-Dioxane	ND		ug/L	40.0	80.0	1	EPA 8260C Certifications:	07/19/2022 06:55	07/20/2022 02:21 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	KT
78-93-3	2-Butanone	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/19/2022 06:55	07/20/2022 02:21 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	KT
591-78-6	2-Hexanone	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/19/2022 06:55	07/20/2022 02:21 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	KT
108-10-1	4-Methyl-2-pentanone	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/19/2022 06:55	07/20/2022 02:21 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	KT
67-64-1	**Acetone**	**1.46**	J	ug/L	1.00	2.00	1	EPA 8260C Certifications:	07/19/2022 06:55	07/20/2022 02:21 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	KT
107-02-8	Acrolein	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/19/2022 06:55	07/20/2022 02:21 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	KT

Sample Information

Client Sample ID: MW-9I

York Sample ID: 22G0719-11

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22G0719	#15209 13-16 Beach Channel	Water	July 14, 2022 2:45 pm	07/15/2022

Volatile Organics, 8260 Low Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
107-13-1	Acrylonitrile	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/19/2022 06:55	07/20/2022 02:21 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	KT
71-43-2	Benzene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/19/2022 06:55	07/20/2022 02:21 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	KT
74-97-5	Bromochloromethane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/19/2022 06:55	07/20/2022 02:21 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	KT
75-27-4	**Bromodichloromethane**	**0.380**	J	ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/19/2022 06:55	07/20/2022 02:21 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	KT
75-25-2	Bromoform	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/19/2022 06:55	07/20/2022 02:21 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	KT
74-83-9	Bromomethane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/19/2022 06:55	07/20/2022 02:21 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	KT
75-15-0	**Carbon disulfide**	**0.200**	J	ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/19/2022 06:55	07/20/2022 02:21 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	KT
56-23-5	Carbon tetrachloride	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/19/2022 06:55	07/20/2022 02:21 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	KT
108-90-7	Chlorobenzene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/19/2022 06:55	07/20/2022 02:21 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	KT
75-00-3	Chloroethane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/19/2022 06:55	07/20/2022 02:21 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	KT
67-66-3	**Chloroform**	**8.61**		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/19/2022 06:55	07/20/2022 02:21 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	KT
74-87-3	Chloromethane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/19/2022 06:55	07/20/2022 02:21 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	KT
156-59-2	cis-1,2-Dichloroethylene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/19/2022 06:55	07/20/2022 02:21 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	KT
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/19/2022 06:55	07/20/2022 02:21 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	KT
110-82-7	Cyclohexane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/19/2022 06:55	07/20/2022 02:21 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	KT
124-48-1	Dibromochloromethane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/19/2022 06:55	07/20/2022 02:21 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	KT
74-95-3	Dibromomethane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/19/2022 06:55	07/20/2022 02:21 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	KT
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/19/2022 06:55	07/20/2022 02:21 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	KT
100-41-4	Ethyl Benzene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/19/2022 06:55	07/20/2022 02:21 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	KT
87-68-3	Hexachlorobutadiene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/19/2022 06:55	07/20/2022 02:21 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	KT
98-82-8	Isopropylbenzene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/19/2022 06:55	07/20/2022 02:21 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	KT
79-20-9	Methyl acetate	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/19/2022 06:55	07/20/2022 02:21 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	KT
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/19/2022 06:55	07/20/2022 02:21 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	KT

Sample Information

Client Sample ID: MW-9I

York Sample ID: 22G0719-11

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22G0719	#15209 13-16 Beach Channel	Water	July 14, 2022 2:45 pm	07/15/2022

Volatile Organics, 8260 Low Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
108-87-2	Methylcyclohexane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/19/2022 06:55	07/20/2022 02:21 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	KT
75-09-2	Methylene chloride	ND		ug/L	1.00	2.00	1	EPA 8260C Certifications:	07/19/2022 06:55	07/20/2022 02:21 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	KT
91-20-3	Naphthalene	ND		ug/L	1.00	2.00	1	EPA 8260C Certifications:	07/19/2022 06:55	07/20/2022 02:21 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	KT
104-51-8	n-Butylbenzene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/19/2022 06:55	07/20/2022 02:21 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	KT
103-65-1	n-Propylbenzene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/19/2022 06:55	07/20/2022 02:21 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	KT
95-47-6	o-Xylene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/19/2022 06:55	07/20/2022 02:21 CTDOH,NELAC-NY10854,NELAC-NY12058,PADEP	KT
179601-23-1	p- & m- Xylenes	ND		ug/L	0.500	1.00	1	EPA 8260C Certifications:	07/19/2022 06:55	07/20/2022 02:21 CTDOH,NELAC-NY10854,NELAC-NY12058,PADEP	KT
105-05-5	* p-Diethylbenzene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/19/2022 06:55	07/20/2022 02:21	KT
622-96-8	* p-Ethyltoluene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/19/2022 06:55	07/20/2022 02:21	KT
99-87-6	p-Isopropyltoluene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/19/2022 06:55	07/20/2022 02:21 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	KT
135-98-8	sec-Butylbenzene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/19/2022 06:55	07/20/2022 02:21 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	KT
100-42-5	Styrene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/19/2022 06:55	07/20/2022 02:21 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	KT
75-65-0	**tert-Butyl alcohol (TBA)**	**0.960**	J	ug/L	0.500	1.00	1	EPA 8260C Certifications:	07/19/2022 06:55	07/20/2022 02:21 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	KT
98-06-6	tert-Butylbenzene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/19/2022 06:55	07/20/2022 02:21 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	KT
127-18-4	**Tetrachloroethylene**	**0.730**		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/19/2022 06:55	07/20/2022 02:21 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	KT
108-88-3	Toluene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/19/2022 06:55	07/20/2022 02:21 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	KT
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/19/2022 06:55	07/20/2022 02:21 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	KT
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/19/2022 06:55	07/20/2022 02:21 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	KT
79-01-6	Trichloroethylene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/19/2022 06:55	07/20/2022 02:21 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	KT
75-69-4	Trichlorofluoromethane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/19/2022 06:55	07/20/2022 02:21 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	KT
75-01-4	Vinyl Chloride	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/19/2022 06:55	07/20/2022 02:21 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	KT
1330-20-7	Xylenes, Total	ND		ug/L	0.600	1.50	1	EPA 8260C Certifications:	07/19/2022 06:55	07/20/2022 02:21 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP	KT

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: SURR: 1,2-Dichloroethane-d4*	*95.6 %*	*69-130*

Sample Information

Client Sample ID: MW-9I

York Sample ID: 22G0719-11

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22G0719	#15209 13-16 Beach Channel	Water	July 14, 2022 2:45 pm	07/15/2022

Volatile Organics, 8260 Low Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
2037-26-5	*Surrogate: SURR: Toluene-d8*	*93.8 %*			*81-117*						
460-00-4	*Surrogate: SURR: p-Bromofluorobenzene*	*93.7 %*			*79-122*						

Volatile Organics, Tentatively Identified Cmpds.

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
	Tentatively Identified Compounds	0.0		ug/L			1	EPA 8260C Certifications:	07/19/2022 06:55	07/20/2022 02:21	KT

Iron by EPA 6010

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3015A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-89-6	**Iron**	**0.932**		mg/L	0.278	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/20/2022 11:40	07/20/2022 15:49	KT

Iron, Dissolved by EPA 6010

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3015A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-89-6	Iron	ND		mg/L	0.278	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/19/2022 12:11	07/20/2022 13:21	KT

Nitrate as N

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 300

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
14797-55-8	**Nitrate as N**	**1.47**		mg/L	0.0500	1	EPA 300.0 Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	07/15/2022 20:44	07/16/2022 00:36	ZTS

Sulfate as SO4

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 300

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
14808-79-8	**Sulfate**	**34.5**		mg/L	1.00	1	EPA 300.0 Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	07/15/2022 20:44	07/16/2022 00:36	ZTS

Sulfide

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

Sample Information

Client Sample ID: MW-9I **York Sample ID:** 22G0719-11

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22G0719	#15209 13-16 Beach Channel	Water	July 14, 2022 2:45 pm	07/15/2022

Sulfide **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
18496-25-8	Sulfide	ND		mg/L	1.0	1	SM 4500-S F	07/21/2022 08:40	07/21/2022 08:40	AD
							Certifications:	CTDOH,NJDEP,NELAC-NY10854,PADEP		

Analyzed by: Hampton-Clarke Veritech (SUB)

Methane, Ethane & Ethylene-RSK **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: Preparation for GC Analysis

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
74-84-0	Methane, Ethane & Ethylene	See Attached		See Attached			See Attached	07/14/2022 14:45		
							Certifications:			

Analyzed by: Phoenix Environmental Labs, Inc. *

SM5310B-11 **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: SM5310B-11

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
PHNX - TOC	**Total Organic Carbon**	**2.3**		mg/L	1.0	1	SM5310B-11	07/20/2022 16:55	07/20/2022 00:00	CT007
							Certifications:			

Sample Information

Client Sample ID: MW-9S **York Sample ID:** 22G0719-12

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22G0719	#15209 13-16 Beach Channel	Water	July 14, 2022 2:10 pm	07/15/2022

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

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/L	0.200	0.500	1	EPA 8260C	07/19/2022 06:55	07/20/2022 03:12	KT
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
71-55-6	1,1,1-Trichloroethane	ND		ug/L	0.200	0.500	1	EPA 8260C	07/19/2022 06:55	07/20/2022 03:12	KT
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.200	0.500	1	EPA 8260C	07/19/2022 06:55	07/20/2022 03:12	KT
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		

Sample Information

Client Sample ID: MW-9S

York Sample ID: 22G0719-12

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22G0719	#15209 13-16 Beach Channel	Water	July 14, 2022 2:10 pm	07/15/2022

Volatile Organics, 8260 Low Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/19/2022 06:55	07/20/2022 03:12 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	KT
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/19/2022 06:55	07/20/2022 03:12 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	KT
75-34-3	1,1-Dichloroethane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/19/2022 06:55	07/20/2022 03:12 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	KT
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/19/2022 06:55	07/20/2022 03:12 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	KT
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/19/2022 06:55	07/20/2022 03:12 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	KT
96-18-4	1,2,3-Trichloropropane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/19/2022 06:55	07/20/2022 03:12 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	KT
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/19/2022 06:55	07/20/2022 03:12 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	KT
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/19/2022 06:55	07/20/2022 03:12 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	KT
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/19/2022 06:55	07/20/2022 03:12 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	KT
106-93-4	1,2-Dibromoethane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/19/2022 06:55	07/20/2022 03:12 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	KT
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/19/2022 06:55	07/20/2022 03:12 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	KT
107-06-2	1,2-Dichloroethane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/19/2022 06:55	07/20/2022 03:12 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	KT
78-87-5	1,2-Dichloropropane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/19/2022 06:55	07/20/2022 03:12 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	KT
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/19/2022 06:55	07/20/2022 03:12 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	KT
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/19/2022 06:55	07/20/2022 03:12 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	KT
142-28-9	1,3-Dichloropropane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/19/2022 06:55	07/20/2022 03:12 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	KT
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/19/2022 06:55	07/20/2022 03:12 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	KT
123-91-1	1,4-Dioxane	ND		ug/L	40.0	80.0	1	EPA 8260C Certifications:	07/19/2022 06:55	07/20/2022 03:12 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	KT
78-93-3	2-Butanone	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/19/2022 06:55	07/20/2022 03:12 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	KT
591-78-6	2-Hexanone	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/19/2022 06:55	07/20/2022 03:12 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	KT
108-10-1	4-Methyl-2-pentanone	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/19/2022 06:55	07/20/2022 03:12 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	KT
67-64-1	Acetone	ND		ug/L	1.00	2.00	1	EPA 8260C Certifications:	07/19/2022 06:55	07/20/2022 03:12 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	KT
107-02-8	Acrolein	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/19/2022 06:55	07/20/2022 03:12 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	KT

Sample Information

Client Sample ID: **MW-9S** **York Sample ID:** **22G0719-12**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22G0719	#15209 13-16 Beach Channel	Water	July 14, 2022 2:10 pm	07/15/2022

Volatile Organics, 8260 Low Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
107-13-1	Acrylonitrile	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/19/2022 06:55	07/20/2022 03:12 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	KT
71-43-2	Benzene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/19/2022 06:55	07/20/2022 03:12 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	KT
74-97-5	Bromochloromethane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/19/2022 06:55	07/20/2022 03:12 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	KT
75-27-4	Bromodichloromethane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/19/2022 06:55	07/20/2022 03:12 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	KT
75-25-2	Bromoform	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/19/2022 06:55	07/20/2022 03:12 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	KT
74-83-9	Bromomethane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/19/2022 06:55	07/20/2022 03:12 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	KT
75-15-0	Carbon disulfide	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/19/2022 06:55	07/20/2022 03:12 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	KT
56-23-5	Carbon tetrachloride	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/19/2022 06:55	07/20/2022 03:12 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	KT
108-90-7	Chlorobenzene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/19/2022 06:55	07/20/2022 03:12 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	KT
75-00-3	Chloroethane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/19/2022 06:55	07/20/2022 03:12 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	KT
67-66-3	**Chloroform**	**0.250**	J	ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/19/2022 06:55	07/20/2022 03:12 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	KT
74-87-3	Chloromethane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/19/2022 06:55	07/20/2022 03:12 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	KT
156-59-2	cis-1,2-Dichloroethylene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/19/2022 06:55	07/20/2022 03:12 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	KT
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/19/2022 06:55	07/20/2022 03:12 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	KT
110-82-7	Cyclohexane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/19/2022 06:55	07/20/2022 03:12 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	KT
124-48-1	Dibromochloromethane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/19/2022 06:55	07/20/2022 03:12 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	KT
74-95-3	Dibromomethane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/19/2022 06:55	07/20/2022 03:12 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	KT
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/19/2022 06:55	07/20/2022 03:12 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	KT
100-41-4	Ethyl Benzene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/19/2022 06:55	07/20/2022 03:12 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	KT
87-68-3	Hexachlorobutadiene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/19/2022 06:55	07/20/2022 03:12 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	KT
98-82-8	Isopropylbenzene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/19/2022 06:55	07/20/2022 03:12 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	KT
79-20-9	Methyl acetate	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/19/2022 06:55	07/20/2022 03:12 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	KT
1634-04-4	**Methyl tert-butyl ether (MTBE)**	**0.550**		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/19/2022 06:55	07/20/2022 03:12 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	KT

Sample Information

Client Sample ID: MW-9S

York Sample ID: 22G0719-12

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22G0719	#15209 13-16 Beach Channel	Water	July 14, 2022 2:10 pm	07/15/2022

Volatile Organics, 8260 Low Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
108-87-2	Methylcyclohexane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/19/2022 06:55 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/20/2022 03:12	KT
75-09-2	Methylene chloride	ND		ug/L	1.00	2.00	1	EPA 8260C Certifications:	07/19/2022 06:55 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/20/2022 03:12	KT
91-20-3	Naphthalene	ND		ug/L	1.00	2.00	1	EPA 8260C Certifications:	07/19/2022 06:55 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/20/2022 03:12	KT
104-51-8	n-Butylbenzene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/19/2022 06:55 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/20/2022 03:12	KT
103-65-1	n-Propylbenzene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/19/2022 06:55 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/20/2022 03:12	KT
95-47-6	o-Xylene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/19/2022 06:55 CTDOH,NELAC-NY10854,NELAC-NY12058,PADEP	07/20/2022 03:12	KT
179601-23-1	p- & m- Xylenes	ND		ug/L	0.500	1.00	1	EPA 8260C Certifications:	07/19/2022 06:55 CTDOH,NELAC-NY10854,NELAC-NY12058,PADEP	07/20/2022 03:12	KT
105-05-5	* p-Diethylbenzene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/19/2022 06:55	07/20/2022 03:12	KT
622-96-8	* p-Ethyltoluene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/19/2022 06:55	07/20/2022 03:12	KT
99-87-6	p-Isopropyltoluene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/19/2022 06:55 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/20/2022 03:12	KT
135-98-8	sec-Butylbenzene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/19/2022 06:55 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/20/2022 03:12	KT
100-42-5	Styrene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/19/2022 06:55 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/20/2022 03:12	KT
75-65-0	tert-Butyl alcohol (TBA)	ND		ug/L	0.500	1.00	1	EPA 8260C Certifications:	07/19/2022 06:55 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/20/2022 03:12	KT
98-06-6	tert-Butylbenzene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/19/2022 06:55 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/20/2022 03:12	KT
127-18-4	**Tetrachloroethylene**	**1.06**		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/19/2022 06:55 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/20/2022 03:12	KT
108-88-3	Toluene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/19/2022 06:55 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/20/2022 03:12	KT
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/19/2022 06:55 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/20/2022 03:12	KT
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/19/2022 06:55 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/20/2022 03:12	KT
79-01-6	Trichloroethylene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/19/2022 06:55 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/20/2022 03:12	KT
75-69-4	Trichlorofluoromethane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/19/2022 06:55 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/20/2022 03:12	KT
75-01-4	Vinyl Chloride	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/19/2022 06:55 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/20/2022 03:12	KT
1330-20-7	Xylenes, Total	ND		ug/L	0.600	1.50	1	EPA 8260C Certifications:	07/19/2022 06:55 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP	07/20/2022 03:12	KT

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: SURR: 1,2-Dichloroethane-d4*	*102 %*	*69-130*

Sample Information

Client Sample ID: MW-9S

York Sample ID: 22G0719-12

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22G0719	#15209 13-16 Beach Channel	Water	July 14, 2022 2:10 pm	07/15/2022

Volatile Organics, 8260 Low Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
2037-26-5	*Surrogate: SURR: Toluene-d8*	*94.9 %*			*81-117*						
460-00-4	*Surrogate: SURR: p-Bromofluorobenzene*	*96.1 %*			*79-122*						

Volatile Organics, Tentatively Identified Cmpds.

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
	Tentatively Identified Compounds	0.0		ug/L			1	EPA 8260C Certifications:	07/19/2022 06:55	07/20/2022 03:12	KT

Iron by EPA 6010

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3015A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-89-6	**Iron**	**3.25**		mg/L	0.278	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/20/2022 11:40	07/20/2022 15:52	KT

Iron, Dissolved by EPA 6010

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3015A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-89-6	**Iron**	**2.52**		mg/L	0.278	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/19/2022 12:11	07/20/2022 13:24	KT

Nitrate as N

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 300

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
14797-55-8	**Nitrate as N**	**0.560**		mg/L	0.0500	1	EPA 300.0 Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	07/15/2022 20:44	07/16/2022 00:45	ZTS

Sulfate as SO4

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 300

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
14808-79-8	Sulfate	ND		mg/L	1.00	1	EPA 300.0 Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	07/15/2022 20:44	07/16/2022 00:45	ZTS

Sulfide

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

Sample Information

Client Sample ID: MW-9S **York Sample ID:** 22G0719-12

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22G0719	#15209 13-16 Beach Channel	Water	July 14, 2022 2:10 pm	07/15/2022

Sulfide **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
18496-25-8	**Sulfide**	**1.2**		mg/L	1.0	1	SM 4500-S F	07/21/2022 08:40	07/21/2022 08:40	AD
							Certifications:	CTDOH,NJDEP,NELAC-NY10854,PADEP		

Analyzed by: Hampton-Clarke Veritech (SUB)

Methane, Ethane & Ethylene-RSK **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: Preparation for GC Analysis

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
74-84-0	Methane, Ethane & Ethylene	See Attached		See Attached			See Attached	07/14/2022 14:10		
							Certifications:			

Analyzed by: Phoenix Environmental Labs, Inc. *

SM5310B-11 **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: SM5310B-11

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
PHNX - TOC	**Total Organic Carbon**	**1.3**		mg/L	1.0	1	SM5310B-11	07/20/2022 17:09	07/20/2022 00:00	CT007
							Certifications:			

Sample Information

Client Sample ID: MW-10 **York Sample ID:** 22G0719-13

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22G0719	#15209 13-16 Beach Channel	Water	July 14, 2022 10:00 am	07/15/2022

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

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/L	0.200	0.500	1	EPA 8260C	07/19/2022 06:55	07/20/2022 04:02	KT
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
71-55-6	1,1,1-Trichloroethane	ND		ug/L	0.200	0.500	1	EPA 8260C	07/19/2022 06:55	07/20/2022 04:02	KT
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.200	0.500	1	EPA 8260C	07/19/2022 06:55	07/20/2022 04:02	KT
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		

Sample Information

Client Sample ID: **MW-10** **York Sample ID:** **22G0719-13**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22G0719	#15209 13-16 Beach Channel	Water	July 14, 2022 10:00 am	07/15/2022

Volatile Organics, 8260 Low Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/19/2022 06:55	07/20/2022 04:02 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	KT
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/19/2022 06:55	07/20/2022 04:02 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	KT
75-34-3	1,1-Dichloroethane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/19/2022 06:55	07/20/2022 04:02 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	KT
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/19/2022 06:55	07/20/2022 04:02 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	KT
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/19/2022 06:55	07/20/2022 04:02 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	KT
96-18-4	1,2,3-Trichloropropane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/19/2022 06:55	07/20/2022 04:02 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	KT
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/19/2022 06:55	07/20/2022 04:02 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	KT
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/19/2022 06:55	07/20/2022 04:02 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	KT
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/19/2022 06:55	07/20/2022 04:02 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	KT
106-93-4	1,2-Dibromoethane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/19/2022 06:55	07/20/2022 04:02 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	KT
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/19/2022 06:55	07/20/2022 04:02 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	KT
107-06-2	1,2-Dichloroethane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/19/2022 06:55	07/20/2022 04:02 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	KT
78-87-5	1,2-Dichloropropane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/19/2022 06:55	07/20/2022 04:02 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	KT
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/19/2022 06:55	07/20/2022 04:02 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	KT
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/19/2022 06:55	07/20/2022 04:02 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	KT
142-28-9	1,3-Dichloropropane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/19/2022 06:55	07/20/2022 04:02 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	KT
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/19/2022 06:55	07/20/2022 04:02 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	KT
123-91-1	1,4-Dioxane	ND		ug/L	40.0	80.0	1	EPA 8260C Certifications:	07/19/2022 06:55	07/20/2022 04:02 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	KT
78-93-3	2-Butanone	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/19/2022 06:55	07/20/2022 04:02 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	KT
591-78-6	2-Hexanone	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/19/2022 06:55	07/20/2022 04:02 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	KT
108-10-1	4-Methyl-2-pentanone	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/19/2022 06:55	07/20/2022 04:02 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	KT
67-64-1	**Acetone**	**1.19**	J	ug/L	1.00	2.00	1	EPA 8260C Certifications:	07/19/2022 06:55	07/20/2022 04:02 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	KT
107-02-8	Acrolein	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/19/2022 06:55	07/20/2022 04:02 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	KT

Sample Information

Client Sample ID: **MW-10**

York Sample ID: **22G0719-13**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22G0719	#15209 13-16 Beach Channel	Water	July 14, 2022 10:00 am	07/15/2022

Volatile Organics, 8260 Low Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
107-13-1	Acrylonitrile	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/19/2022 06:55	07/20/2022 04:02 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	KT
71-43-2	Benzene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/19/2022 06:55	07/20/2022 04:02 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	KT
74-97-5	Bromochloromethane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/19/2022 06:55	07/20/2022 04:02 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	KT
75-27-4	**Bromodichloromethane**	**0.270**	J	ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/19/2022 06:55	07/20/2022 04:02 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	KT
75-25-2	Bromoform	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/19/2022 06:55	07/20/2022 04:02 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	KT
74-83-9	Bromomethane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/19/2022 06:55	07/20/2022 04:02 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	KT
75-15-0	Carbon disulfide	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/19/2022 06:55	07/20/2022 04:02 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	KT
56-23-5	Carbon tetrachloride	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/19/2022 06:55	07/20/2022 04:02 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	KT
108-90-7	Chlorobenzene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/19/2022 06:55	07/20/2022 04:02 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	KT
75-00-3	Chloroethane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/19/2022 06:55	07/20/2022 04:02 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	KT
67-66-3	**Chloroform**	**4.35**		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/19/2022 06:55	07/20/2022 04:02 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	KT
74-87-3	Chloromethane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/19/2022 06:55	07/20/2022 04:02 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	KT
156-59-2	cis-1,2-Dichloroethylene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/19/2022 06:55	07/20/2022 04:02 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	KT
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/19/2022 06:55	07/20/2022 04:02 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	KT
110-82-7	Cyclohexane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/19/2022 06:55	07/20/2022 04:02 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	KT
124-48-1	Dibromochloromethane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/19/2022 06:55	07/20/2022 04:02 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	KT
74-95-3	Dibromomethane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/19/2022 06:55	07/20/2022 04:02 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	KT
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/19/2022 06:55	07/20/2022 04:02 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	KT
100-41-4	Ethyl Benzene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/19/2022 06:55	07/20/2022 04:02 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	KT
87-68-3	Hexachlorobutadiene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/19/2022 06:55	07/20/2022 04:02 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	KT
98-82-8	Isopropylbenzene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/19/2022 06:55	07/20/2022 04:02 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	KT
79-20-9	Methyl acetate	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/19/2022 06:55	07/20/2022 04:02 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	KT
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/19/2022 06:55	07/20/2022 04:02 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	KT

Sample Information

Client Sample ID: MW-10 **York Sample ID:** 22G0719-13

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22G0719	#15209 13-16 Beach Channel	Water	July 14, 2022 10:00 am	07/15/2022

Volatile Organics, 8260 Low Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
108-87-2	Methylcyclohexane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/19/2022 06:55 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/20/2022 04:02	KT
75-09-2	Methylene chloride	ND		ug/L	1.00	2.00	1	EPA 8260C Certifications:	07/19/2022 06:55 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/20/2022 04:02	KT
91-20-3	Naphthalene	ND		ug/L	1.00	2.00	1	EPA 8260C Certifications:	07/19/2022 06:55 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/20/2022 04:02	KT
104-51-8	n-Butylbenzene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/19/2022 06:55 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/20/2022 04:02	KT
103-65-1	n-Propylbenzene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/19/2022 06:55 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/20/2022 04:02	KT
95-47-6	o-Xylene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/19/2022 06:55 CTDOH,NELAC-NY10854,NELAC-NY12058,PADEP	07/20/2022 04:02	KT
179601-23-1	p- & m- Xylenes	ND		ug/L	0.500	1.00	1	EPA 8260C Certifications:	07/19/2022 06:55 CTDOH,NELAC-NY10854,NELAC-NY12058,PADEP	07/20/2022 04:02	KT
105-05-5	* p-Diethylbenzene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/19/2022 06:55	07/20/2022 04:02	KT
622-96-8	* p-Ethyltoluene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/19/2022 06:55	07/20/2022 04:02	KT
99-87-6	p-Isopropyltoluene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/19/2022 06:55 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/20/2022 04:02	KT
135-98-8	sec-Butylbenzene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/19/2022 06:55 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/20/2022 04:02	KT
100-42-5	Styrene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/19/2022 06:55 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/20/2022 04:02	KT
75-65-0	tert-Butyl alcohol (TBA)	ND		ug/L	0.500	1.00	1	EPA 8260C Certifications:	07/19/2022 06:55 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/20/2022 04:02	KT
98-06-6	tert-Butylbenzene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/19/2022 06:55 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/20/2022 04:02	KT
127-18-4	**Tetrachloroethylene**	**1.45**		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/19/2022 06:55 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/20/2022 04:02	KT
108-88-3	Toluene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/19/2022 06:55 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/20/2022 04:02	KT
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/19/2022 06:55 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/20/2022 04:02	KT
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/19/2022 06:55 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/20/2022 04:02	KT
79-01-6	Trichloroethylene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/19/2022 06:55 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/20/2022 04:02	KT
75-69-4	Trichlorofluoromethane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/19/2022 06:55 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/20/2022 04:02	KT
75-01-4	Vinyl Chloride	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/19/2022 06:55 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/20/2022 04:02	KT
1330-20-7	Xylenes, Total	ND		ug/L	0.600	1.50	1	EPA 8260C Certifications:	07/19/2022 06:55 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP	07/20/2022 04:02	KT

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: SURR: 1,2-Dichloroethane-d4*	*112 %*	*69-130*

Sample Information

Client Sample ID: MW-10 **York Sample ID:** 22G0719-13

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22G0719	#15209 13-16 Beach Channel	Water	July 14, 2022 10:00 am	07/15/2022

Volatile Organics, 8260 Low Comprehensive

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

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
2037-26-5	*Surrogate: SURR: Toluene-d8*	*93.6 %*			*81-117*						
460-00-4	*Surrogate: SURR: p-Bromofluorobenzene*	*100 %*			*79-122*						

Volatile Organics, Tentatively Identified Cmpds.

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
	Tentatively Identified Compounds	0.0		ug/L			1	EPA 8260C Certifications:	07/19/2022 06:55	07/20/2022 04:02	KT

Iron by EPA 6010

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

Sample Prepared by Method: EPA 3015A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-89-6	**Iron**	**2.49**		mg/L	0.278	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/20/2022 11:40	07/20/2022 15:56	KT

Iron, Dissolved by EPA 6010

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

Sample Prepared by Method: EPA 3015A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-89-6	Iron	ND		mg/L	0.278	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/19/2022 12:11	07/20/2022 13:27	KT

Nitrate as N

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

Sample Prepared by Method: EPA 300

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
14797-55-8	**Nitrate as N**	**3.73**		mg/L	0.0500	1	EPA 300.0 Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	07/15/2022 20:44	07/16/2022 00:54	ZTS

Sulfate as SO4

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

Sample Prepared by Method: EPA 300

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
14808-79-8	**Sulfate**	**54.2**		mg/L	5.00	5	EPA 300.0 Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	07/19/2022 15:20	07/19/2022 23:57	ZTS

Sulfide

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

Sample Information

Client Sample ID: MW-10 **York Sample ID:** 22G0719-13

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22G0719	#15209 13-16 Beach Channel	Water	July 14, 2022 10:00 am	07/15/2022

Sulfide **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
18496-25-8	**Sulfide**	**1.2**		mg/L	1.0	1	SM 4500-S F	07/21/2022 08:40	07/21/2022 08:40	AD
							Certifications:	CTDOH,NJDEP,NELAC-NY10854,PADEP		

Analyzed by: Hampton-Clarke Veritech (SUB)

Methane, Ethane & Ethylene-RSK **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: Preparation for GC Analysis

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
74-84-0	Methane, Ethane & Ethylene	See Attached		See Attached			See Attached	07/14/2022 10:00		
							Certifications:			

Analyzed by: Phoenix Environmental Labs, Inc. *

SM5310B-11 **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: SM5310B-11

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
PHNX - TOC	**Total Organic Carbon**	**17.1**		mg/L	1.0	1	SM5310B-11	07/20/2022 17:22	07/20/2022 00:00	CT007
							Certifications:			

Sample Information

Client Sample ID: DUP **York Sample ID:** 22G0719-14

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22G0719	#15209 13-16 Beach Channel	Water	July 13, 2022 9:45 am	07/15/2022

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

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/L	0.200	0.500	1	EPA 8260C	07/19/2022 06:55	07/20/2022 05:43	KT
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
71-55-6	1,1,1-Trichloroethane	ND		ug/L	0.200	0.500	1	EPA 8260C	07/19/2022 06:55	07/20/2022 05:43	KT
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.200	0.500	1	EPA 8260C	07/19/2022 06:55	07/20/2022 05:43	KT
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		

Sample Information

Client Sample ID: DUP

York Sample ID: 22G0719-14

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22G0719	#15209 13-16 Beach Channel	Water	July 13, 2022 9:45 am	07/15/2022

Volatile Organics, 8260 Low Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/19/2022 06:55	07/20/2022 05:43 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	KT
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/19/2022 06:55	07/20/2022 05:43 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	KT
75-34-3	1,1-Dichloroethane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/19/2022 06:55	07/20/2022 05:43 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	KT
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/19/2022 06:55	07/20/2022 05:43 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	KT
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/19/2022 06:55	07/20/2022 05:43 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	KT
96-18-4	1,2,3-Trichloropropane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/19/2022 06:55	07/20/2022 05:43 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	KT
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/19/2022 06:55	07/20/2022 05:43 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	KT
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/19/2022 06:55	07/20/2022 05:43 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	KT
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/19/2022 06:55	07/20/2022 05:43 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	KT
106-93-4	1,2-Dibromoethane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/19/2022 06:55	07/20/2022 05:43 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	KT
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/19/2022 06:55	07/20/2022 05:43 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	KT
107-06-2	1,2-Dichloroethane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/19/2022 06:55	07/20/2022 05:43 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	KT
78-87-5	1,2-Dichloropropane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/19/2022 06:55	07/20/2022 05:43 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	KT
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/19/2022 06:55	07/20/2022 05:43 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	KT
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/19/2022 06:55	07/20/2022 05:43 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	KT
142-28-9	1,3-Dichloropropane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/19/2022 06:55	07/20/2022 05:43 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	KT
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/19/2022 06:55	07/20/2022 05:43 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	KT
123-91-1	1,4-Dioxane	ND		ug/L	40.0	80.0	1	EPA 8260C Certifications:	07/19/2022 06:55	07/20/2022 05:43 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	KT
78-93-3	2-Butanone	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/19/2022 06:55	07/20/2022 05:43 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	KT
591-78-6	2-Hexanone	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/19/2022 06:55	07/20/2022 05:43 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	KT
108-10-1	4-Methyl-2-pentanone	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/19/2022 06:55	07/20/2022 05:43 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	KT
67-64-1	**Acetone**	**2.22**		ug/L	1.00	2.00	1	EPA 8260C Certifications:	07/19/2022 06:55	07/20/2022 05:43 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	KT
107-02-8	Acrolein	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/19/2022 06:55	07/20/2022 05:43 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	KT

Sample Information

Client Sample ID: DUP

York Sample ID: 22G0719-14

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22G0719	#15209 13-16 Beach Channel	Water	July 13, 2022 9:45 am	07/15/2022

Volatile Organics, 8260 Low Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
107-13-1	Acrylonitrile	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/19/2022 06:55 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/20/2022 05:43	KT
71-43-2	Benzene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/19/2022 06:55 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/20/2022 05:43	KT
74-97-5	Bromochloromethane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/19/2022 06:55 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/20/2022 05:43	KT
75-27-4	**Bromodichloromethane**	**3.43**		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/19/2022 06:55 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/20/2022 05:43	KT
75-25-2	Bromoform	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/19/2022 06:55 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/20/2022 05:43	KT
74-83-9	Bromomethane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/19/2022 06:55 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/20/2022 05:43	KT
75-15-0	Carbon disulfide	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/19/2022 06:55 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/20/2022 05:43	KT
56-23-5	Carbon tetrachloride	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/19/2022 06:55 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/20/2022 05:43	KT
108-90-7	Chlorobenzene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/19/2022 06:55 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/20/2022 05:43	KT
75-00-3	Chloroethane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/19/2022 06:55 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/20/2022 05:43	KT
67-66-3	**Chloroform**	**61.4**		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/19/2022 06:55 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/20/2022 05:43	KT
74-87-3	Chloromethane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/19/2022 06:55 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/20/2022 05:43	KT
156-59-2	cis-1,2-Dichloroethylene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/19/2022 06:55 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/20/2022 05:43	KT
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/19/2022 06:55 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/20/2022 05:43	KT
110-82-7	Cyclohexane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/19/2022 06:55 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/20/2022 05:43	KT
124-48-1	Dibromochloromethane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/19/2022 06:55 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/20/2022 05:43	KT
74-95-3	Dibromomethane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/19/2022 06:55 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/20/2022 05:43	KT
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/19/2022 06:55 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/20/2022 05:43	KT
100-41-4	Ethyl Benzene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/19/2022 06:55 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/20/2022 05:43	KT
87-68-3	Hexachlorobutadiene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/19/2022 06:55 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/20/2022 05:43	KT
98-82-8	Isopropylbenzene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/19/2022 06:55 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/20/2022 05:43	KT
79-20-9	Methyl acetate	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/19/2022 06:55 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/20/2022 05:43	KT
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/19/2022 06:55 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/20/2022 05:43	KT

Sample Information

Client Sample ID: DUP

York Sample ID: 22G0719-14

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22G0719	#15209 13-16 Beach Channel	Water	July 13, 2022 9:45 am	07/15/2022

Volatile Organics, 8260 Low Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
108-87-2	Methylcyclohexane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/19/2022 06:55 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/20/2022 05:43	KT
75-09-2	Methylene chloride	ND		ug/L	1.00	2.00	1	EPA 8260C Certifications:	07/19/2022 06:55 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/20/2022 05:43	KT
91-20-3	Naphthalene	ND		ug/L	1.00	2.00	1	EPA 8260C Certifications:	07/19/2022 06:55 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/20/2022 05:43	KT
104-51-8	n-Butylbenzene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/19/2022 06:55 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/20/2022 05:43	KT
103-65-1	n-Propylbenzene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/19/2022 06:55 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/20/2022 05:43	KT
95-47-6	o-Xylene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/19/2022 06:55 CTDOH,NELAC-NY10854,NELAC-NY12058,PADEP	07/20/2022 05:43	KT
179601-23-1	p- & m- Xylenes	ND		ug/L	0.500	1.00	1	EPA 8260C Certifications:	07/19/2022 06:55 CTDOH,NELAC-NY10854,NELAC-NY12058,PADEP	07/20/2022 05:43	KT
105-05-5	* p-Diethylbenzene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/19/2022 06:55	07/20/2022 05:43	KT
622-96-8	* p-Ethyltoluene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/19/2022 06:55	07/20/2022 05:43	KT
99-87-6	p-Isopropyltoluene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/19/2022 06:55 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/20/2022 05:43	KT
135-98-8	sec-Butylbenzene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/19/2022 06:55 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/20/2022 05:43	KT
100-42-5	Styrene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/19/2022 06:55 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/20/2022 05:43	KT
75-65-0	tert-Butyl alcohol (TBA)	ND		ug/L	0.500	1.00	1	EPA 8260C Certifications:	07/19/2022 06:55 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/20/2022 05:43	KT
98-06-6	tert-Butylbenzene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/19/2022 06:55 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/20/2022 05:43	KT
127-18-4	**Tetrachloroethylene**	**5.72**		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/19/2022 06:55 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/20/2022 05:43	KT
108-88-3	Toluene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/19/2022 06:55 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/20/2022 05:43	KT
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/19/2022 06:55 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/20/2022 05:43	KT
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/19/2022 06:55 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/20/2022 05:43	KT
79-01-6	Trichloroethylene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/19/2022 06:55 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/20/2022 05:43	KT
75-69-4	**Trichlorofluoromethane**	**3.03**	CCV-E, QL-02	ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/19/2022 06:55 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/20/2022 05:43	KT
75-01-4	Vinyl Chloride	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/19/2022 06:55 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/20/2022 05:43	KT
1330-20-7	Xylenes, Total	ND		ug/L	0.600	1.50	1	EPA 8260C Certifications:	07/19/2022 06:55 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP	07/20/2022 05:43	KT

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: SURR: 1,2-Dichloroethane-d4*	*119 %*	*69-130*

Sample Information

Client Sample ID: DUP **York Sample ID:** 22G0719-14

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22G0719	#15209 13-16 Beach Channel	Water	July 13, 2022 9:45 am	07/15/2022

Volatile Organics, 8260 Low Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
2037-26-5	*Surrogate: SURR: Toluene-d8*	*95.4 %*			*81-117*						
460-00-4	*Surrogate: SURR: p-Bromofluorobenzene*	*96.3 %*			*79-122*						

Volatile Organics, Tentatively Identified Cmpds.

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
NA	**DICHLOROFLUOROETHANE isomer...**	**19**	J	ug/L			1	EPA 8260C Certifications:	07/19/2022 06:55	07/20/2022 05:43	KT
	Tentatively Identified Compounds	0.0		ug/L			1	EPA 8260C Certifications:	07/19/2022 06:55	07/20/2022 05:43	KT

Sample Information

Client Sample ID: Trip **York Sample ID:** 22G0719-15

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22G0719	#15209 13-16 Beach Channel	Water	July 13, 2022 12:00 am	07/15/2022

Volatile Organics, 8260 Low Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/19/2022 06:55	07/19/2022 23:50	KT
71-55-6	1,1,1-Trichloroethane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/19/2022 06:55	07/19/2022 23:50	KT
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/19/2022 06:55	07/19/2022 23:50	KT
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/19/2022 06:55	07/19/2022 23:50	KT
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/19/2022 06:55	07/19/2022 23:50	KT
75-34-3	1,1-Dichloroethane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/19/2022 06:55	07/19/2022 23:50	KT
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/19/2022 06:55	07/19/2022 23:50	KT
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/19/2022 06:55	07/19/2022 23:50	KT
96-18-4	1,2,3-Trichloropropane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/19/2022 06:55	07/19/2022 23:50	KT
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/19/2022 06:55	07/19/2022 23:50	KT

Sample Information

Client Sample ID: Trip

York Sample ID: 22G0719-15

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22G0719	#15209 13-16 Beach Channel	Water	July 13, 2022 12:00 am	07/15/2022

Volatile Organics, 8260 Low Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/19/2022 06:55	07/19/2022 23:50	KT CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/19/2022 06:55	07/19/2022 23:50	KT CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
106-93-4	1,2-Dibromoethane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/19/2022 06:55	07/19/2022 23:50	KT CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/19/2022 06:55	07/19/2022 23:50	KT CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
107-06-2	1,2-Dichloroethane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/19/2022 06:55	07/19/2022 23:50	KT CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
78-87-5	1,2-Dichloropropane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/19/2022 06:55	07/19/2022 23:50	KT CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/19/2022 06:55	07/19/2022 23:50	KT CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/19/2022 06:55	07/19/2022 23:50	KT CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
142-28-9	1,3-Dichloropropane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/19/2022 06:55	07/19/2022 23:50	KT NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/19/2022 06:55	07/19/2022 23:50	KT CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
123-91-1	1,4-Dioxane	ND		ug/L	40.0	80.0	1	EPA 8260C Certifications:	07/19/2022 06:55	07/19/2022 23:50	KT NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
78-93-3	2-Butanone	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/19/2022 06:55	07/19/2022 23:50	KT CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
591-78-6	2-Hexanone	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/19/2022 06:55	07/19/2022 23:50	KT CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
108-10-1	4-Methyl-2-pentanone	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/19/2022 06:55	07/19/2022 23:50	KT CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
67-64-1	Acetone	ND		ug/L	1.00	2.00	1	EPA 8260C Certifications:	07/19/2022 06:55	07/19/2022 23:50	KT CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
107-02-8	Acrolein	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/19/2022 06:55	07/19/2022 23:50	KT CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
107-13-1	Acrylonitrile	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/19/2022 06:55	07/19/2022 23:50	KT CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
71-43-2	Benzene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/19/2022 06:55	07/19/2022 23:50	KT CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
74-97-5	Bromochloromethane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/19/2022 06:55	07/19/2022 23:50	KT NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
75-27-4	Bromodichloromethane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/19/2022 06:55	07/19/2022 23:50	KT CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
75-25-2	Bromoform	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/19/2022 06:55	07/19/2022 23:50	KT CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
74-83-9	Bromomethane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/19/2022 06:55	07/19/2022 23:50	KT CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
75-15-0	Carbon disulfide	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/19/2022 06:55	07/19/2022 23:50	KT CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP

Sample Information

Client Sample ID: Trip

York Sample ID: 22G0719-15

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22G0719	#15209 13-16 Beach Channel	Water	July 13, 2022 12:00 am	07/15/2022

Volatile Organics, 8260 Low Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
56-23-5	Carbon tetrachloride	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/19/2022 06:55	07/19/2022 23:50 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	KT
108-90-7	Chlorobenzene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/19/2022 06:55	07/19/2022 23:50 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	KT
75-00-3	Chloroethane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/19/2022 06:55	07/19/2022 23:50 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	KT
67-66-3	Chloroform	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/19/2022 06:55	07/19/2022 23:50 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	KT
74-87-3	Chloromethane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/19/2022 06:55	07/19/2022 23:50 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	KT
156-59-2	cis-1,2-Dichloroethylene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/19/2022 06:55	07/19/2022 23:50 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	KT
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/19/2022 06:55	07/19/2022 23:50 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	KT
110-82-7	Cyclohexane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/19/2022 06:55	07/19/2022 23:50 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	KT
124-48-1	Dibromochloromethane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/19/2022 06:55	07/19/2022 23:50 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	KT
74-95-3	Dibromomethane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/19/2022 06:55	07/19/2022 23:50 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	KT
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/19/2022 06:55	07/19/2022 23:50 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	KT
100-41-4	Ethyl Benzene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/19/2022 06:55	07/19/2022 23:50 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	KT
87-68-3	Hexachlorobutadiene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/19/2022 06:55	07/19/2022 23:50 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	KT
98-82-8	Isopropylbenzene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/19/2022 06:55	07/19/2022 23:50 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	KT
79-20-9	Methyl acetate	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/19/2022 06:55	07/19/2022 23:50 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	KT
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/19/2022 06:55	07/19/2022 23:50 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	KT
108-87-2	Methylcyclohexane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/19/2022 06:55	07/19/2022 23:50 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	KT
75-09-2	**Methylene chloride**	**1.03**	J	ug/L	1.00	2.00	1	EPA 8260C Certifications:	07/19/2022 06:55	07/19/2022 23:50 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	KT
91-20-3	Naphthalene	ND		ug/L	1.00	2.00	1	EPA 8260C Certifications:	07/19/2022 06:55	07/19/2022 23:50 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	KT
104-51-8	n-Butylbenzene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/19/2022 06:55	07/19/2022 23:50 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	KT
103-65-1	n-Propylbenzene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/19/2022 06:55	07/19/2022 23:50 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	KT
95-47-6	o-Xylene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/19/2022 06:55	07/19/2022 23:50 CTDOH,NELAC-NY10854,NELAC-NY12058,PADEP	KT
179601-23-1	p- & m- Xylenes	ND		ug/L	0.500	1.00	1	EPA 8260C Certifications:	07/19/2022 06:55	07/19/2022 23:50 CTDOH,NELAC-NY10854,NELAC-NY12058,PADEP	KT

Sample Information

Client Sample ID: Trip **York Sample ID:** 22G0719-15

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22G0719	#15209 13-16 Beach Channel	Water	July 13, 2022 12:00 am	07/15/2022

Volatile Organics, 8260 Low Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
105-05-5	* p-Diethylbenzene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/19/2022 06:55	07/19/2022 23:50	KT
622-96-8	* p-Ethyltoluene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/19/2022 06:55	07/19/2022 23:50	KT
99-87-6	p-Isopropyltoluene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/19/2022 06:55 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/19/2022 23:50	KT
135-98-8	sec-Butylbenzene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/19/2022 06:55 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/19/2022 23:50	KT
100-42-5	Styrene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/19/2022 06:55 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/19/2022 23:50	KT
75-65-0	tert-Butyl alcohol (TBA)	ND		ug/L	0.500	1.00	1	EPA 8260C Certifications:	07/19/2022 06:55 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/19/2022 23:50	KT
98-06-6	tert-Butylbenzene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/19/2022 06:55 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/19/2022 23:50	KT
127-18-4	Tetrachloroethylene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/19/2022 06:55 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/19/2022 23:50	KT
108-88-3	Toluene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/19/2022 06:55 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/19/2022 23:50	KT
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/19/2022 06:55 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/19/2022 23:50	KT
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/19/2022 06:55 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/19/2022 23:50	KT
79-01-6	Trichloroethylene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/19/2022 06:55 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/19/2022 23:50	KT
75-69-4	Trichlorofluoromethane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/19/2022 06:55 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/19/2022 23:50	KT
75-01-4	Vinyl Chloride	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/19/2022 06:55 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/19/2022 23:50	KT
1330-20-7	Xylenes, Total	ND		ug/L	0.600	1.50	1	EPA 8260C Certifications:	07/19/2022 06:55 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP	07/19/2022 23:50	KT

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: SURR: 1,2-Dichloroethane-d4*	*117 %*	*69-130*
2037-26-5	*Surrogate: SURR: Toluene-d8*	*94.0 %*	*81-117*
460-00-4	*Surrogate: SURR: p-Bromofluorobenzene*	*105 %*	*79-122*

Volatile Organics, Tentatively Identified Cmpds.

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
	Tentatively Identified Compounds	0.0		ug/L			1	EPA 8260C Certifications:	07/19/2022 06:55	07/19/2022 23:50	KT

Sample Information

Client Sample ID: Field Blank (FB) **York Sample ID:** 22G0719-16

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22G0719	#15209 13-16 Beach Channel	Water	July 13, 2022 9:45 am	07/15/2022

Volatile Organics, 8260 Low Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/19/2022 06:55 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/20/2022 00:15	KT
71-55-6	1,1,1-Trichloroethane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/19/2022 06:55 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/20/2022 00:15	KT
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/19/2022 06:55 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/20/2022 00:15	KT
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/19/2022 06:55 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/20/2022 00:15	KT
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/19/2022 06:55 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/20/2022 00:15	KT
75-34-3	1,1-Dichloroethane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/19/2022 06:55 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/20/2022 00:15	KT
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/19/2022 06:55 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/20/2022 00:15	KT
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/19/2022 06:55 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/20/2022 00:15	KT
96-18-4	1,2,3-Trichloropropane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/19/2022 06:55 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/20/2022 00:15	KT
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/19/2022 06:55 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/20/2022 00:15	KT
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/19/2022 06:55 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/20/2022 00:15	KT
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/19/2022 06:55 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/20/2022 00:15	KT
106-93-4	1,2-Dibromoethane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/19/2022 06:55 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/20/2022 00:15	KT
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/19/2022 06:55 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/20/2022 00:15	KT
107-06-2	1,2-Dichloroethane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/19/2022 06:55 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/20/2022 00:15	KT
78-87-5	1,2-Dichloropropane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/19/2022 06:55 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/20/2022 00:15	KT
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/19/2022 06:55 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/20/2022 00:15	KT
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/19/2022 06:55 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/20/2022 00:15	KT
142-28-9	1,3-Dichloropropane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/19/2022 06:55 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/20/2022 00:15	KT
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/19/2022 06:55 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/20/2022 00:15	KT
123-91-1	1,4-Dioxane	ND		ug/L	40.0	80.0	1	EPA 8260C Certifications:	07/19/2022 06:55 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/20/2022 00:15	KT
78-93-3	2-Butanone	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/19/2022 06:55 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/20/2022 00:15	KT
591-78-6	2-Hexanone	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/19/2022 06:55 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/20/2022 00:15	KT

Sample Information

Client Sample ID: **Field Blank (FB)** **York Sample ID:** **22G0719-16**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22G0719	#15209 13-16 Beach Channel	Water	July 13, 2022 9:45 am	07/15/2022

Volatile Organics, 8260 Low Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
108-10-1	4-Methyl-2-pentanone	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/19/2022 06:55	07/20/2022 00:15 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	KT
67-64-1	**Acetone**	**1.52**	J	ug/L	1.00	2.00	1	EPA 8260C Certifications:	07/19/2022 06:55	07/20/2022 00:15 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	KT
107-02-8	Acrolein	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/19/2022 06:55	07/20/2022 00:15 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	KT
107-13-1	Acrylonitrile	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/19/2022 06:55	07/20/2022 00:15 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	KT
71-43-2	Benzene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/19/2022 06:55	07/20/2022 00:15 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	KT
74-97-5	Bromochloromethane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/19/2022 06:55	07/20/2022 00:15 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	KT
75-27-4	Bromodichloromethane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/19/2022 06:55	07/20/2022 00:15 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	KT
75-25-2	Bromoform	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/19/2022 06:55	07/20/2022 00:15 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	KT
74-83-9	Bromomethane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/19/2022 06:55	07/20/2022 00:15 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	KT
75-15-0	Carbon disulfide	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/19/2022 06:55	07/20/2022 00:15 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	KT
56-23-5	Carbon tetrachloride	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/19/2022 06:55	07/20/2022 00:15 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	KT
108-90-7	Chlorobenzene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/19/2022 06:55	07/20/2022 00:15 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	KT
75-00-3	Chloroethane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/19/2022 06:55	07/20/2022 00:15 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	KT
67-66-3	Chloroform	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/19/2022 06:55	07/20/2022 00:15 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	KT
74-87-3	Chloromethane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/19/2022 06:55	07/20/2022 00:15 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	KT
156-59-2	cis-1,2-Dichloroethylene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/19/2022 06:55	07/20/2022 00:15 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	KT
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/19/2022 06:55	07/20/2022 00:15 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	KT
110-82-7	Cyclohexane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/19/2022 06:55	07/20/2022 00:15 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	KT
124-48-1	Dibromochloromethane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/19/2022 06:55	07/20/2022 00:15 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	KT
74-95-3	Dibromomethane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/19/2022 06:55	07/20/2022 00:15 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	KT
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/19/2022 06:55	07/20/2022 00:15 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	KT
100-41-4	Ethyl Benzene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/19/2022 06:55	07/20/2022 00:15 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	KT
87-68-3	Hexachlorobutadiene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/19/2022 06:55	07/20/2022 00:15 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	KT

Sample Information

Client Sample ID: **Field Blank (FB)** **York Sample ID:** **22G0719-16**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22G0719	#15209 13-16 Beach Channel	Water	July 13, 2022 9:45 am	07/15/2022

Volatile Organics, 8260 Low Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
98-82-8	Isopropylbenzene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/19/2022 06:55 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/20/2022 00:15	KT
79-20-9	Methyl acetate	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/19/2022 06:55 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/20/2022 00:15	KT
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/19/2022 06:55 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/20/2022 00:15	KT
108-87-2	Methylcyclohexane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/19/2022 06:55 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/20/2022 00:15	KT
75-09-2	**Methylene chloride**	**1.14**	J	ug/L	1.00	2.00	1	EPA 8260C Certifications:	07/19/2022 06:55 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/20/2022 00:15	KT
91-20-3	Naphthalene	ND		ug/L	1.00	2.00	1	EPA 8260C Certifications:	07/19/2022 06:55 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/20/2022 00:15	KT
104-51-8	n-Butylbenzene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/19/2022 06:55 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/20/2022 00:15	KT
103-65-1	n-Propylbenzene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/19/2022 06:55 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/20/2022 00:15	KT
95-47-6	o-Xylene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/19/2022 06:55 CTDOH,NELAC-NY10854,NELAC-NY12058,PADEP	07/20/2022 00:15	KT
179601-23-1	p- & m- Xylenes	ND		ug/L	0.500	1.00	1	EPA 8260C Certifications:	07/19/2022 06:55 CTDOH,NELAC-NY10854,NELAC-NY12058,PADEP	07/20/2022 00:15	KT
105-05-5	* p-Diethylbenzene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/19/2022 06:55	07/20/2022 00:15	KT
622-96-8	* p-Ethyltoluene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/19/2022 06:55	07/20/2022 00:15	KT
99-87-6	p-Isopropyltoluene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/19/2022 06:55 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/20/2022 00:15	KT
135-98-8	sec-Butylbenzene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/19/2022 06:55 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/20/2022 00:15	KT
100-42-5	Styrene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/19/2022 06:55 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/20/2022 00:15	KT
75-65-0	tert-Butyl alcohol (TBA)	ND		ug/L	0.500	1.00	1	EPA 8260C Certifications:	07/19/2022 06:55 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/20/2022 00:15	KT
98-06-6	tert-Butylbenzene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/19/2022 06:55 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/20/2022 00:15	KT
127-18-4	Tetrachloroethylene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/19/2022 06:55 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/20/2022 00:15	KT
108-88-3	**Toluene**	**0.210**	J	ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/19/2022 06:55 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/20/2022 00:15	KT
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/19/2022 06:55 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/20/2022 00:15	KT
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/19/2022 06:55 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/20/2022 00:15	KT
79-01-6	Trichloroethylene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/19/2022 06:55 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/20/2022 00:15	KT
75-69-4	Trichlorofluoromethane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/19/2022 06:55 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/20/2022 00:15	KT

Sample Information

Client Sample ID: Field Blank (FB) **York Sample ID:** 22G0719-16

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22G0719	#15209 13-16 Beach Channel	Water	July 13, 2022 9:45 am	07/15/2022

Volatile Organics, 8260 Low Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
75-01-4	Vinyl Chloride	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/19/2022 06:55	07/20/2022 00:15 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	KT
1330-20-7	Xylenes, Total	ND		ug/L	0.600	1.50	1	EPA 8260C Certifications:	07/19/2022 06:55	07/20/2022 00:15 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP	KT

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: SURR: 1,2-Dichloroethane-d4*	*118 %*	*69-130*
2037-26-5	*Surrogate: SURR: Toluene-d8*	*96.3 %*	*81-117*
460-00-4	*Surrogate: SURR: p-Bromofluorobenzene*	*106 %*	*79-122*

Volatile Organics, Tentatively Identified Cmpds.

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
	Tentatively Identified Compounds	0.0		ug/L			1	EPA 8260C Certifications:	07/19/2022 06:55	07/20/2022 00:15	KT

Sample Information

Client Sample ID: MW-11 **York Sample ID:** 22G0719-17

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22G0719	#15209 13-16 Beach Channel	Water	July 13, 2022 10:25 am	07/15/2022

Volatile Organics, 8260 Low Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/19/2022 06:55	07/20/2022 06:34 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	KT
71-55-6	1,1,1-Trichloroethane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/19/2022 06:55	07/20/2022 06:34 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	KT
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/19/2022 06:55	07/20/2022 06:34 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	KT
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/19/2022 06:55	07/20/2022 06:34 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	KT
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/19/2022 06:55	07/20/2022 06:34 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	KT
75-34-3	1,1-Dichloroethane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/19/2022 06:55	07/20/2022 06:34 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	KT
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/19/2022 06:55	07/20/2022 06:34 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	KT
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/19/2022 06:55	07/20/2022 06:34 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	KT

Sample Information

Client Sample ID: **MW-11** **York Sample ID:** **22G0719-17**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22G0719	#15209 13-16 Beach Channel	Water	July 13, 2022 10:25 am	07/15/2022

Volatile Organics, 8260 Low Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
96-18-4	1,2,3-Trichloropropane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/19/2022 06:55 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/20/2022 06:34	KT
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/19/2022 06:55 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/20/2022 06:34	KT
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/19/2022 06:55 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/20/2022 06:34	KT
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/19/2022 06:55 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/20/2022 06:34	KT
106-93-4	1,2-Dibromoethane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/19/2022 06:55 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/20/2022 06:34	KT
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/19/2022 06:55 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/20/2022 06:34	KT
107-06-2	1,2-Dichloroethane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/19/2022 06:55 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/20/2022 06:34	KT
78-87-5	1,2-Dichloropropane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/19/2022 06:55 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/20/2022 06:34	KT
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/19/2022 06:55 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/20/2022 06:34	KT
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/19/2022 06:55 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/20/2022 06:34	KT
142-28-9	1,3-Dichloropropane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/19/2022 06:55 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/20/2022 06:34	KT
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/19/2022 06:55 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/20/2022 06:34	KT
123-91-1	1,4-Dioxane	ND		ug/L	40.0	80.0	1	EPA 8260C Certifications:	07/19/2022 06:55 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/20/2022 06:34	KT
78-93-3	2-Butanone	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/19/2022 06:55 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/20/2022 06:34	KT
591-78-6	2-Hexanone	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/19/2022 06:55 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/20/2022 06:34	KT
108-10-1	4-Methyl-2-pentanone	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/19/2022 06:55 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/20/2022 06:34	KT
67-64-1	**Acetone**	**1.95**	J	ug/L	1.00	2.00	1	EPA 8260C Certifications:	07/19/2022 06:55 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/20/2022 06:34	KT
107-02-8	Acrolein	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/19/2022 06:55 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/20/2022 06:34	KT
107-13-1	Acrylonitrile	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/19/2022 06:55 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/20/2022 06:34	KT
71-43-2	Benzene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/19/2022 06:55 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/20/2022 06:34	KT
74-97-5	Bromochloromethane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/19/2022 06:55 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/20/2022 06:34	KT
75-27-4	**Bromodichloromethane**	**2.85**		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/19/2022 06:55 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/20/2022 06:34	KT
75-25-2	Bromoform	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/19/2022 06:55 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/20/2022 06:34	KT

Sample Information

Client Sample ID: MW-11 **York Sample ID:** 22G0719-17

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22G0719	#15209 13-16 Beach Channel	Water	July 13, 2022 10:25 am	07/15/2022

Volatile Organics, 8260 Low Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
74-83-9	Bromomethane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/19/2022 06:55	07/20/2022 06:34 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	KT
75-15-0	Carbon disulfide	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/19/2022 06:55	07/20/2022 06:34 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	KT
56-23-5	Carbon tetrachloride	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/19/2022 06:55	07/20/2022 06:34 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	KT
108-90-7	Chlorobenzene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/19/2022 06:55	07/20/2022 06:34 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	KT
75-00-3	Chloroethane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/19/2022 06:55	07/20/2022 06:34 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	KT
67-66-3	**Chloroform**	**67.6**		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/19/2022 06:55	07/20/2022 06:34 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	KT
74-87-3	Chloromethane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/19/2022 06:55	07/20/2022 06:34 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	KT
156-59-2	cis-1,2-Dichloroethylene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/19/2022 06:55	07/20/2022 06:34 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	KT
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/19/2022 06:55	07/20/2022 06:34 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	KT
110-82-7	Cyclohexane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/19/2022 06:55	07/20/2022 06:34 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	KT
124-48-1	Dibromochloromethane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/19/2022 06:55	07/20/2022 06:34 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	KT
74-95-3	Dibromomethane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/19/2022 06:55	07/20/2022 06:34 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	KT
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/19/2022 06:55	07/20/2022 06:34 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	KT
100-41-4	Ethyl Benzene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/19/2022 06:55	07/20/2022 06:34 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	KT
87-68-3	Hexachlorobutadiene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/19/2022 06:55	07/20/2022 06:34 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	KT
98-82-8	Isopropylbenzene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/19/2022 06:55	07/20/2022 06:34 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	KT
79-20-9	Methyl acetate	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/19/2022 06:55	07/20/2022 06:34 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	KT
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/19/2022 06:55	07/20/2022 06:34 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	KT
108-87-2	Methylcyclohexane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/19/2022 06:55	07/20/2022 06:34 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	KT
75-09-2	Methylene chloride	ND		ug/L	1.00	2.00	1	EPA 8260C Certifications:	07/19/2022 06:55	07/20/2022 06:34 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	KT
91-20-3	Naphthalene	ND		ug/L	1.00	2.00	1	EPA 8260C Certifications:	07/19/2022 06:55	07/20/2022 06:34 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	KT
104-51-8	n-Butylbenzene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/19/2022 06:55	07/20/2022 06:34 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	KT
103-65-1	n-Propylbenzene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/19/2022 06:55	07/20/2022 06:34 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	KT

Sample Information

Client Sample ID: MW-11 **York Sample ID:** 22G0719-17

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22G0719	#15209 13-16 Beach Channel	Water	July 13, 2022 10:25 am	07/15/2022

Volatile Organics, 8260 Low Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
95-47-6	o-Xylene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/19/2022 06:55 CTDOH,NELAC-NY10854,NELAC-NY12058,PADEP	07/20/2022 06:34	KT
179601-23-1	p- & m- Xylenes	ND		ug/L	0.500	1.00	1	EPA 8260C Certifications:	07/19/2022 06:55 CTDOH,NELAC-NY10854,NELAC-NY12058,PADEP	07/20/2022 06:34	KT
105-05-5	* p-Diethylbenzene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/19/2022 06:55	07/20/2022 06:34	KT
622-96-8	* p-Ethyltoluene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/19/2022 06:55	07/20/2022 06:34	KT
99-87-6	p-Isopropyltoluene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/19/2022 06:55 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/20/2022 06:34	KT
135-98-8	sec-Butylbenzene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/19/2022 06:55 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/20/2022 06:34	KT
100-42-5	Styrene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/19/2022 06:55 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/20/2022 06:34	KT
75-65-0	**tert-Butyl alcohol (TBA)**	**0.920**	J	ug/L	0.500	1.00	1	EPA 8260C Certifications:	07/19/2022 06:55 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/20/2022 06:34	KT
98-06-6	tert-Butylbenzene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/19/2022 06:55 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/20/2022 06:34	KT
127-18-4	**Tetrachloroethylene**	**6.89**		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/19/2022 06:55 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/20/2022 06:34	KT
108-88-3	Toluene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/19/2022 06:55 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/20/2022 06:34	KT
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/19/2022 06:55 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/20/2022 06:34	KT
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/19/2022 06:55 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/20/2022 06:34	KT
79-01-6	Trichloroethylene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/19/2022 06:55 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/20/2022 06:34	KT
75-69-4	**Trichlorofluoromethane**	**0.320**	CCV-E, QL-02, J	ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/19/2022 06:55 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/20/2022 06:34	KT
75-01-4	Vinyl Chloride	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/19/2022 06:55 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/20/2022 06:34	KT
1330-20-7	Xylenes, Total	ND		ug/L	0.600	1.50	1	EPA 8260C Certifications:	07/19/2022 06:55 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP	07/20/2022 06:34	KT

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: SURR: 1,2-Dichloroethane-d4*	*122 %*	*69-130*
2037-26-5	*Surrogate: SURR: Toluene-d8*	*93.9 %*	*81-117*
460-00-4	*Surrogate: SURR: p-Bromofluorobenzene*	*96.0 %*	*79-122*

Volatile Organics, Tentatively Identified Cmpds.

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: MW-11 **York Sample ID:** 22G0719-17

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22G0719	#15209 13-16 Beach Channel	Water	July 13, 2022 10:25 am	07/15/2022

Volatile Organics, Tentatively Identified Cmpds.

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
	Tentatively Identified Compounds	0.0		ug/L			1	EPA 8260C	07/19/2022 06:55	07/20/2022 06:34	KT
								Certifications:			

Analytical Batch Summary

Batch ID: 7/20/2022 **Preparation Method:** SM5310B-11 **Prepared By:**

YORK Sample ID	Client Sample ID	Preparation Date
22G0719-01	MW-1	07/20/22
22G0719-08	MW-7S	07/20/22
22G0719-09	MW-8I	07/20/22
22G0719-10	MW-8S	07/20/22
22G0719-11	MW-9I	07/20/22
22G0719-12	MW-9S	07/20/22
22G0719-13	MW-10	07/20/22

Batch ID: 7/22/2022 **Preparation Method:** SM5310B-11 **Prepared By:**

YORK Sample ID	Client Sample ID	Preparation Date
22G0719-07	MW-7I	07/22/22

Batch ID: BG20862 **Preparation Method:** EPA 300 **Prepared By:** ZTS

YORK Sample ID	Client Sample ID	Preparation Date
22G0719-01	MW-1	07/15/22
BG20862-BLK1	Blank	07/15/22
BG20862-BS1	LCS	07/15/22
BG20862-DUP1	Duplicate	07/15/22
BG20862-MS1	Matrix Spike	07/15/22
BG20862-MS2	Matrix Spike	07/15/22

Batch ID: BG20863 **Preparation Method:** EPA 300 **Prepared By:** ZTS

YORK Sample ID	Client Sample ID	Preparation Date
22G0719-07	MW-7I	07/15/22
22G0719-08	MW-7S	07/15/22
22G0719-09	MW-8I	07/15/22
22G0719-10	MW-8S	07/15/22
22G0719-11	MW-9I	07/15/22
22G0719-12	MW-9S	07/15/22
22G0719-13	MW-10	07/15/22
BG20863-BLK1	Blank	07/15/22
BG20863-BS1	LCS	07/15/22
BG20863-DUP1	Duplicate	07/15/22
BG20863-MS1	Matrix Spike	07/15/22

Batch ID: BG20981 **Preparation Method:** EPA 3015A **Prepared By:** MJN

YORK Sample ID	Client Sample ID	Preparation Date
22G0719-01	MW-1	07/19/22
22G0719-07	MW-7I	07/19/22

22G0719-08	MW-7S	07/19/22
22G0719-09	MW-8I	07/19/22
22G0719-10	MW-8S	07/19/22
22G0719-11	MW-9I	07/19/22
22G0719-12	MW-9S	07/19/22
22G0719-13	MW-10	07/19/22
BG20981-BLK1	Blank	07/19/22
BG20981-BS1	LCS	07/19/22
BG20981-DUP1	Duplicate	07/19/22
BG20981-MS1	Matrix Spike	07/19/22
BG20981-PS1	Post Spike	07/19/22

Batch ID: BG21068 **Preparation Method:** EPA 3015A **Prepared By:** MJN

YORK Sample ID	Client Sample ID	Preparation Date
22G0719-01	MW-1	07/20/22
22G0719-07	MW-7I	07/20/22
22G0719-08	MW-7S	07/20/22
22G0719-09	MW-8I	07/20/22
22G0719-10	MW-8S	07/20/22
22G0719-11	MW-9I	07/20/22
22G0719-12	MW-9S	07/20/22
22G0719-13	MW-10	07/20/22
BG21068-BLK1	Blank	07/20/22
BG21068-BS1	LCS	07/20/22
BG21068-DUP1	Duplicate	07/20/22
BG21068-MS1	Matrix Spike	07/20/22
BG21068-PS1	Post Spike	07/20/22

Batch ID: BG21092 **Preparation Method:** EPA 5030B **Prepared By:** JTG

YORK Sample ID	Client Sample ID	Preparation Date
22G0719-11	MW-9I	07/19/22
22G0719-12	MW-9S	07/19/22
22G0719-13	MW-10	07/19/22
22G0719-14	DUP	07/19/22
22G0719-15	Trip	07/19/22
22G0719-16	Field Blank (FB)	07/19/22
22G0719-17	MW-11	07/19/22
BG21092-BLK1	Blank	07/19/22
BG21092-BS1	LCS	07/19/22
BG21092-BSD1	LCS Dup	07/19/22

Batch ID: BG21094 **Preparation Method:** EPA 300 **Prepared By:** ZTS

YORK Sample ID	Client Sample ID	Preparation Date
22G0719-13	MW-10	07/19/22
BG21094-BLK1	Blank	07/19/22
BG21094-BS1	LCS	07/19/22
BG21094-DUP1	Duplicate	07/19/22

BG21094-MS1	Matrix Spike	07/19/22
BG21094-MS2	Matrix Spike	07/19/22

Batch ID: BG21133 **Preparation Method:** Analysis Preparation **Prepared By:** AD

YORK Sample ID	Client Sample ID	Preparation Date
22G0719-01	MW-1	07/21/22
22G0719-07	MW-7I	07/21/22
22G0719-08	MW-7S	07/21/22
22G0719-09	MW-8I	07/21/22
22G0719-10	MW-8S	07/21/22
22G0719-11	MW-9I	07/21/22
22G0719-12	MW-9S	07/21/22
22G0719-13	MW-10	07/21/22
BG21133-BLK1	Blank	07/21/22
BG21133-BS1	LCS	07/21/22
BG21133-DUP1	Duplicate	07/21/22

Batch ID: BG21186 **Preparation Method:** EPA 5030B **Prepared By:** JTG

YORK Sample ID	Client Sample ID	Preparation Date
22G0719-02	MW-2	07/21/22
22G0719-03	MW-3	07/21/22
22G0719-04	MW-4I	07/21/22
22G0719-05	MW-4S	07/21/22
22G0719-06	MW-5	07/21/22
22G0719-08	MW-7S	07/21/22
22G0719-09	MW-8I	07/21/22
22G0719-10	MW-8S	07/21/22
BG21186-BLK1	Blank	07/21/22
BG21186-BS1	LCS	07/21/22
BG21186-BSD1	LCS Dup	07/21/22
BG21186-MS1	Matrix Spike	07/21/22
BG21186-MSD1	Matrix Spike Dup	07/21/22

Batch ID: BG21257 **Preparation Method:** EPA 5030B **Prepared By:** JTG

YORK Sample ID	Client Sample ID	Preparation Date
22G0719-01	MW-1	07/22/22
22G0719-07	MW-7I	07/22/22
BG21257-BLK1	Blank	07/22/22
BG21257-BS1	LCS	07/22/22
BG21257-BSD1	LCS Dup	07/22/22

Batch ID: See Attached **Preparation Method:** Preparation for GC Analysis **Prepared By:**

YORK Sample ID	Client Sample ID	Preparation Date
22G0719-07	MW-7I	07/14/22
22G0719-08	MW-7S	07/14/22

22G0719-09	MW-8I	07/14/22
22G0719-10	MW-8S	07/14/22
22G0719-11	MW-9I	07/14/22
22G0719-12	MW-9S	07/14/22
22G0719-13	MW-10	07/14/22

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BG21092 - EPA 5030B											
Blank (BG21092-BLK1)											Prepared & Analyzed: 07/19/2022
1,1,1,2-Tetrachloroethane	ND	0.500	ug/L								
Tentatively Identified Compounds	0.0		"								
1,1,1-Trichloroethane	ND	0.500	"								
1,1,2,2-Tetrachloroethane	ND	0.500	"								
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	0.500	"								
1,1,2-Trichloroethane	ND	0.500	"								
1,1-Dichloroethane	ND	0.500	"								
1,1-Dichloroethylene	ND	0.500	"								
1,2,3-Trichlorobenzene	ND	0.500	"								
1,2,3-Trichloropropane	ND	0.500	"								
1,2,4-Trichlorobenzene	ND	0.500	"								
1,2,4-Trimethylbenzene	ND	0.500	"								
1,2-Dibromo-3-chloropropane	ND	0.500	"								
1,2-Dibromoethane	ND	0.500	"								
1,2-Dichlorobenzene	ND	0.500	"								
1,2-Dichloroethane	ND	0.500	"								
1,2-Dichloropropane	ND	0.500	"								
1,3,5-Trimethylbenzene	ND	0.500	"								
1,3-Dichlorobenzene	ND	0.500	"								
1,3-Dichloropropane	ND	0.500	"								
1,4-Dichlorobenzene	ND	0.500	"								
1,4-Dioxane	ND	80.0	"								
2-Butanone	ND	0.500	"								
2-Hexanone	ND	0.500	"								
4-Methyl-2-pentanone	ND	0.500	"								
Acetone	ND	2.00	"								
Acrolein	ND	0.500	"								
Acrylonitrile	ND	0.500	"								
Benzene	ND	0.500	"								
Bromochloromethane	ND	0.500	"								
Bromodichloromethane	ND	0.500	"								
Bromoform	ND	0.500	"								
Bromomethane	ND	0.500	"								
Carbon disulfide	ND	0.500	"								
Carbon tetrachloride	ND	0.500	"								
Chlorobenzene	ND	0.500	"								
Chloroethane	ND	0.500	"								
Chloroform	ND	0.500	"								
Chloromethane	ND	0.500	"								
cis-1,2-Dichloroethylene	ND	0.500	"								
cis-1,3-Dichloropropylene	ND	0.500	"								
Cyclohexane	ND	0.500	"								
Dibromochloromethane	ND	0.500	"								
Dibromomethane	ND	0.500	"								
Dichlorodifluoromethane	ND	0.500	"								
Ethyl Benzene	ND	0.500	"								
Hexachlorobutadiene	ND	0.500	"								
Isopropylbenzene	ND	0.500	"								
Methyl acetate	ND	0.500	"								

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BG21092 - EPA 5030B											
Blank (BG21092-BLK1)											Prepared & Analyzed: 07/19/2022
Methyl tert-butyl ether (MTBE)	ND	0.500	ug/L								
Methylcyclohexane	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-Butyl alcohol (TBA)	ND	1.00	"								
tert-Butylbenzene	ND	0.500	"								
Tetrachloroethylene	ND	0.500	"								
Toluene	ND	0.500	"								
trans-1,2-Dichloroethylene	ND	0.500	"								
trans-1,3-Dichloropropylene	ND	0.500	"								
Trichloroethylene	ND	0.500	"								
Trichlorofluoromethane	ND	0.500	"								
Vinyl Chloride	ND	0.500	"								
Xylenes, Total	ND	1.50	"								
Surrogate: SURR: 1,2-Dichloroethane-d4	*11.0*		*"*	*10.0*		*110*	*69-130*				
Surrogate: SURR: Toluene-d8	*9.59*		*"*	*10.0*		*95.9*	*81-117*				
Surrogate: SURR: p-Bromofluorobenzene	*10.5*		*"*	*10.0*		*105*	*79-122*				
LCS (BG21092-BS1)											Prepared & Analyzed: 07/19/2022
1,1,1,2-Tetrachloroethane	10.4		ug/L	10.0		104	82-126				
1,1,1-Trichloroethane	11.5		"	10.0		115	78-136				
1,1,2,2-Tetrachloroethane	8.37		"	10.0		83.7	76-129				
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	11.5		"	10.0		115	54-165				
1,1,2-Trichloroethane	9.58		"	10.0		95.8	82-123				
1,1-Dichloroethane	10.4		"	10.0		104	82-129				
1,1-Dichloroethylene	10.9		"	10.0		109	68-138				
1,2,3-Trichlorobenzene	9.48		"	10.0		94.8	76-136				
1,2,3-Trichloropropane	9.23		"	10.0		92.3	77-128				
1,2,4-Trichlorobenzene	9.02		"	10.0		90.2	76-137				
1,2,4-Trimethylbenzene	9.83		"	10.0		98.3	82-132				
1,2-Dibromo-3-chloropropane	8.94		"	10.0		89.4	45-147				
1,2-Dibromoethane	9.87		"	10.0		98.7	83-124				
1,2-Dichlorobenzene	9.40		"	10.0		94.0	79-123				
1,2-Dichloroethane	11.3		"	10.0		113	73-132				
1,2-Dichloropropane	9.38		"	10.0		93.8	78-126				
1,3,5-Trimethylbenzene	9.66		"	10.0		96.6	80-131				
1,3-Dichlorobenzene	9.46		"	10.0		94.6	86-122				
1,3-Dichloropropane	9.53		"	10.0		95.3	81-125				
1,4-Dichlorobenzene	9.43		"	10.0		94.3	85-124				
1,4-Dioxane	177		"	210		84.2	10-349				
2-Butanone	9.34		"	10.0		93.4	49-152				

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BG21092 - EPA 5030B											
LCS (BG21092-BS1)								Prepared & Analyzed: 07/19/2022			
2-Hexanone	8.06		ug/L	10.0		80.6	51-146				
4-Methyl-2-pentanone	8.00		"	10.0		80.0	57-145				
Acetone	10.6		"	10.0		106	14-150				
Acrolein	9.94		"	10.0		99.4	10-153				
Acrylonitrile	8.75		"	10.0		87.5	51-150				
Benzene	10.5		"	10.0		105	85-126				
Bromochloromethane	10.2		"	10.0		102	77-128				
Bromodichloromethane	9.67		"	10.0		96.7	79-128				
Bromoform	10.0		"	10.0		100	78-133				
Bromomethane	10.3		"	10.0		103	43-168				
Carbon disulfide	10.3		"	10.0		103	68-146				
Carbon tetrachloride	12.1		"	10.0		121	77-141				
Chlorobenzene	10.6		"	10.0		106	88-120				
Chloroethane	12.9		"	10.0		129	65-136				
Chloroform	11.2		"	10.0		112	82-128				
Chloromethane	10.0		"	10.0		100	43-155				
cis-1,2-Dichloroethylene	10.5		"	10.0		105	83-129				
cis-1,3-Dichloropropylene	8.03		"	10.0		80.3	80-131				
Cyclohexane	4.34		"	10.0		43.4	63-149	Low Bias			
Dibromochloromethane	9.69		"	10.0		96.9	80-130				
Dibromomethane	9.66		"	10.0		96.6	72-134				
Dichlorodifluoromethane	9.48		"	10.0		94.8	44-144				
Ethyl Benzene	10.8		"	10.0		108	80-131				
Hexachlorobutadiene	9.40		"	10.0		94.0	67-146				
Isopropylbenzene	10.2		"	10.0		102	76-140				
Methyl acetate	8.72		"	10.0		87.2	51-139				
Methyl tert-butyl ether (MTBE)	10.5		"	10.0		105	76-135				
Methylcyclohexane	8.79		"	10.0		87.9	72-143				
Methylene chloride	10.2		"	10.0		102	55-137				
Naphthalene	8.52		"	10.0		85.2	70-147				
n-Butylbenzene	9.79		"	10.0		97.9	79-132				
n-Propylbenzene	9.57		"	10.0		95.7	78-133				
o-Xylene	11.2		"	10.0		112	78-130				
p- & m- Xylenes	21.8		"	20.0		109	77-133				
p-Diethylbenzene	10.0		"	10.0		100	84-134				
p-Ethyltoluene	10.5		"	10.0		105	88-129				
p-Isopropyltoluene	10.5		"	10.0		105	81-136				
sec-Butylbenzene	10.2		"	10.0		102	79-137				
Styrene	10.4		"	10.0		104	67-132				
tert-Butyl alcohol (TBA)	37.6		"	50.0		75.2	25-162				
tert-Butylbenzene	8.70		"	10.0		87.0	77-138				
Tetrachloroethylene	10.5		"	10.0		105	82-131				
Toluene	9.50		"	10.0		95.0	80-127				
trans-1,2-Dichloroethylene	10.6		"	10.0		106	80-132				
trans-1,3-Dichloropropylene	9.32		"	10.0		93.2	78-131				
Trichloroethylene	9.78		"	10.0		97.8	82-128				
Trichlorofluoromethane	14.1		"	10.0		141	67-139	High Bias			
Vinyl Chloride	11.7		"	10.0		117	58-145				
Surrogate: SURR: 1,2-Dichloroethane-d4	*10.6*		*"*	*10.0*		*106*	*69-130*				
Surrogate: SURR: Toluene-d8	*9.47*		*"*	*10.0*		*94.7*	*81-117*				
Surrogate: SURR: p-Bromofluorobenzene	*9.14*		*"*	*10.0*		*91.4*	*79-122*				

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BG21092 - EPA 5030B											
LCS Dup (BG21092-BSD1)								Prepared & Analyzed: 07/19/2022			
1,1,1,2-Tetrachloroethane	9.99		ug/L	10.0		99.9	82-126		4.21	30	
1,1,1-Trichloroethane	11.2		"	10.0		112	78-136		3.35	30	
1,1,2,2-Tetrachloroethane	8.76		"	10.0		87.6	76-129		4.55	30	
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	11.2		"	10.0		112	54-165		2.46	30	
1,1,2-Trichloroethane	9.55		"	10.0		95.5	82-123		0.314	30	
1,1-Dichloroethane	10.3		"	10.0		103	82-129		0.772	30	
1,1-Dichloroethylene	10.6		"	10.0		106	68-138		2.33	30	
1,2,3-Trichlorobenzene	9.61		"	10.0		96.1	76-136		1.36	30	
1,2,3-Trichloropropane	9.33		"	10.0		93.3	77-128		1.08	30	
1,2,4-Trichlorobenzene	9.06		"	10.0		90.6	76-137		0.442	30	
1,2,4-Trimethylbenzene	9.75		"	10.0		97.5	82-132		0.817	30	
1,2-Dibromo-3-chloropropane	9.14		"	10.0		91.4	45-147		2.21	30	
1,2-Dibromoethane	9.90		"	10.0		99.0	83-124		0.303	30	
1,2-Dichlorobenzene	9.44		"	10.0		94.4	79-123		0.425	30	
1,2-Dichloroethane	11.0		"	10.0		110	73-132		2.43	30	
1,2-Dichloropropane	9.19		"	10.0		91.9	78-126		2.05	30	
1,3,5-Trimethylbenzene	9.50		"	10.0		95.0	80-131		1.67	30	
1,3-Dichlorobenzene	9.44		"	10.0		94.4	86-122		0.212	30	
1,3-Dichloropropane	9.50		"	10.0		95.0	81-125		0.315	30	
1,4-Dichlorobenzene	9.46		"	10.0		94.6	85-124		0.318	30	
1,4-Dioxane	260		"	210		124	10-349		38.0	30	Non-dir.
2-Butanone	10.1		"	10.0		101	49-152		7.52	30	
2-Hexanone	8.19		"	10.0		81.9	51-146		1.60	30	
4-Methyl-2-pentanone	8.44		"	10.0		84.4	57-145		5.35	30	
Acetone	11.3		"	10.0		113	14-150		6.03	30	
Acrolein	11.0		"	10.0		110	10-153		9.76	30	
Acrylonitrile	9.65		"	10.0		96.5	51-150		9.78	30	
Benzene	10.2		"	10.0		102	85-126		2.31	30	
Bromochloromethane	10.3		"	10.0		103	77-128		1.36	30	
Bromodichloromethane	9.42		"	10.0		94.2	79-128		2.62	30	
Bromoform	10.2		"	10.0		102	78-133		1.39	30	
Bromomethane	9.77		"	10.0		97.7	43-168		5.48	30	
Carbon disulfide	10.0		"	10.0		100	68-146		2.36	30	
Carbon tetrachloride	11.8		"	10.0		118	77-141		2.85	30	
Chlorobenzene	10.3		"	10.0		103	88-120		2.39	30	
Chloroethane	12.2		"	10.0		122	65-136		5.51	30	
Chloroform	10.9		"	10.0		109	82-128		2.17	30	
Chloromethane	9.76		"	10.0		97.6	43-155		2.83	30	
cis-1,2-Dichloroethylene	10.4		"	10.0		104	83-129		1.25	30	
cis-1,3-Dichloropropylene	7.83		"	10.0		78.3	80-131	Low Bias	2.52	30	
Cyclohexane	4.30		"	10.0		43.0	63-149	Low Bias	0.926	30	
Dibromochloromethane	9.62		"	10.0		96.2	80-130		0.725	30	
Dibromomethane	9.60		"	10.0		96.0	72-134		0.623	30	
Dichlorodifluoromethane	9.15		"	10.0		91.5	44-144		3.54	30	
Ethyl Benzene	10.3		"	10.0		103	80-131		4.44	30	
Hexachlorobutadiene	9.07		"	10.0		90.7	67-146		3.57	30	
Isopropylbenzene	10.1		"	10.0		101	76-140		0.791	30	
Methyl acetate	8.82		"	10.0		88.2	51-139		1.14	30	
Methyl tert-butyl ether (MTBE)	10.7		"	10.0		107	76-135		2.08	30	
Methylcyclohexane	8.44		"	10.0		84.4	72-143		4.06	30	

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BG21092 - EPA 5030B											
LCS Dup (BG21092-BSD1)								Prepared & Analyzed: 07/19/2022			
Methylene chloride	9.98		ug/L	10.0		99.8	55-137		2.67	30	
Naphthalene	8.91		"	10.0		89.1	70-147		4.48	30	
n-Butylbenzene	9.46		"	10.0		94.6	79-132		3.43	30	
n-Propylbenzene	9.47		"	10.0		94.7	78-133		1.05	30	
o-Xylene	11.0		"	10.0		110	78-130		1.89	30	
p- & m- Xylenes	21.1		"	20.0		105	77-133		3.64	30	
p-Diethylbenzene	9.77		"	10.0		97.7	84-134		2.43	30	
p-Ethyltoluene	10.4		"	10.0		104	88-129		1.24	30	
p-Isopropyltoluene	10.3		"	10.0		103	81-136		1.64	30	
sec-Butylbenzene	9.99		"	10.0		99.9	79-137		1.79	30	
Styrene	10.3		"	10.0		103	67-132		1.45	30	
tert-Butyl alcohol (TBA)	45.1		"	50.0		90.3	25-162		18.3	30	
tert-Butylbenzene	8.55		"	10.0		85.5	77-138		1.74	30	
Tetrachloroethylene	10.0		"	10.0		100	82-131		4.40	30	
Toluene	9.16		"	10.0		91.6	80-127		3.64	30	
trans-1,2-Dichloroethylene	10.5		"	10.0		105	80-132		1.42	30	
trans-1,3-Dichloropropylene	9.24		"	10.0		92.4	78-131		0.862	30	
Trichloroethylene	9.49		"	10.0		94.9	82-128		3.01	30	
Trichlorofluoromethane	13.2		"	10.0		132	67-139		6.01	30	
Vinyl Chloride	11.2		"	10.0		112	58-145		4.81	30	
Surrogate: SURR: 1,2-Dichloroethane-d4	*10.8*		*"*	*10.0*		*108*	*69-130*				
Surrogate: SURR: Toluene-d8	*9.39*		*"*	*10.0*		*93.9*	*81-117*				
Surrogate: SURR: p-Bromofluorobenzene	*9.24*		*"*	*10.0*		*92.4*	*79-122*				
Batch BG21186 - EPA 5030B											
Blank (BG21186-BLK1)								Prepared & Analyzed: 07/21/2022			
1,1,1,2-Tetrachloroethane	ND	0.500	ug/L								
Tentatively Identified Compounds	0.0		"								
1,1,1-Trichloroethane	ND	0.500	"								
1,1,2,2-Tetrachloroethane	ND	0.500	"								
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	0.500	"								
1,1,2-Trichloroethane	ND	0.500	"								
1,1-Dichloroethane	ND	0.500	"								
1,1-Dichloroethylene	ND	0.500	"								
1,2,3-Trichlorobenzene	ND	0.500	"								
1,2,3-Trichloropropane	ND	0.500	"								
1,2,4-Trichlorobenzene	ND	0.500	"								
1,2,4-Trimethylbenzene	ND	0.500	"								
1,2-Dibromo-3-chloropropane	ND	0.500	"								
1,2-Dibromoethane	ND	0.500	"								
1,2-Dichlorobenzene	ND	0.500	"								
1,2-Dichloroethane	ND	0.500	"								
1,2-Dichloropropane	ND	0.500	"								
1,3,5-Trimethylbenzene	ND	0.500	"								
1,3-Dichlorobenzene	ND	0.500	"								
1,3-Dichloropropane	ND	0.500	"								
1,4-Dichlorobenzene	ND	0.500	"								
1,4-Dioxane	ND	80.0	"								
2-Butanone	ND	0.500	"								
2-Hexanone	ND	0.500	"								

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BG21186 - EPA 5030B											
Blank (BG21186-BLK1)											
4-Methyl-2-pentanone	ND	0.500	ug/L								
Acetone	ND	2.00	"								
Acrolein	ND	0.500	"								
Acrylonitrile	ND	0.500	"								
Benzene	ND	0.500	"								
Bromochloromethane	ND	0.500	"								
Bromodichloromethane	ND	0.500	"								
Bromoform	ND	0.500	"								
Bromomethane	ND	0.500	"								
Carbon disulfide	ND	0.500	"								
Carbon tetrachloride	ND	0.500	"								
Chlorobenzene	ND	0.500	"								
Chloroethane	ND	0.500	"								
Chloroform	ND	0.500	"								
Chloromethane	ND	0.500	"								
cis-1,2-Dichloroethylene	ND	0.500	"								
cis-1,3-Dichloropropylene	ND	0.500	"								
Cyclohexane	ND	0.500	"								
Dibromochloromethane	ND	0.500	"								
Dibromomethane	ND	0.500	"								
Dichlorodifluoromethane	ND	0.500	"								
Ethyl Benzene	ND	0.500	"								
Hexachlorobutadiene	ND	0.500	"								
Isopropylbenzene	ND	0.500	"								
Methyl acetate	ND	0.500	"								
Methyl tert-butyl ether (MTBE)	ND	0.500	"								
Methylcyclohexane	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-Butyl alcohol (TBA)	ND	1.00	"								
tert-Butylbenzene	ND	0.500	"								
Tetrachloroethylene	ND	0.500	"								
Toluene	ND	0.500	"								
trans-1,2-Dichloroethylene	ND	0.500	"								
trans-1,3-Dichloropropylene	ND	0.500	"								
Trichloroethylene	ND	0.500	"								
Trichlorofluoromethane	ND	0.500	"								
Vinyl Chloride	ND	0.500	"								
Xylenes, Total	ND	1.50	"								
Surrogate: SURR: 1,2-Dichloroethane-d4	*11.4*		*"*	*10.0*		*114*	*69-130*				
Surrogate: SURR: Toluene-d8	*9.30*		*"*	*10.0*		*93.0*	*81-117*				
Surrogate: SURR: p-Bromofluorobenzene	*9.92*		*"*	*10.0*		*99.2*	*79-122*				

Prepared & Analyzed: 07/21/2022

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BG21186 - EPA 5030B											
LCS (BG21186-BS1)								Prepared & Analyzed: 07/21/2022			
1,1,1,2-Tetrachloroethane	10.0		ug/L	10.0		100	82-126				
1,1,1-Trichloroethane	11.2		"	10.0		112	78-136				
1,1,2,2-Tetrachloroethane	8.32		"	10.0		83.2	76-129				
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	10.5		"	10.0		105	54-165				
1,1,2-Trichloroethane	9.32		"	10.0		93.2	82-123				
1,1-Dichloroethane	10.3		"	10.0		103	82-129				
1,1-Dichloroethylene	10.0		"	10.0		100	68-138				
1,2,3-Trichlorobenzene	9.71		"	10.0		97.1	76-136				
1,2,3-Trichloropropane	8.79		"	10.0		87.9	77-128				
1,2,4-Trichlorobenzene	9.16		"	10.0		91.6	76-137				
1,2,4-Trimethylbenzene	9.71		"	10.0		97.1	82-132				
1,2-Dibromo-3-chloropropane	8.43		"	10.0		84.3	45-147				
1,2-Dibromoethane	9.53		"	10.0		95.3	83-124				
1,2-Dichlorobenzene	9.46		"	10.0		94.6	79-123				
1,2-Dichloroethane	10.8		"	10.0		108	73-132				
1,2-Dichloropropane	9.25		"	10.0		92.5	78-126				
1,3,5-Trimethylbenzene	9.50		"	10.0		95.0	80-131				
1,3-Dichlorobenzene	9.55		"	10.0		95.5	86-122				
1,3-Dichloropropane	9.21		"	10.0		92.1	81-125				
1,4-Dichlorobenzene	9.57		"	10.0		95.7	85-124				
1,4-Dioxane	237		"	210		113	10-349				
2-Butanone	10.2		"	10.0		102	49-152				
2-Hexanone	7.61		"	10.0		76.1	51-146				
4-Methyl-2-pentanone	7.82		"	10.0		78.2	57-145				
Acetone	10.6		"	10.0		106	14-150				
Acrolein	11.1		"	10.0		111	10-153				
Acrylonitrile	9.54		"	10.0		95.4	51-150				
Benzene	10.5		"	10.0		105	85-126				
Bromochloromethane	10.1		"	10.0		101	77-128				
Bromodichloromethane	9.42		"	10.0		94.2	79-128				
Bromoform	9.69		"	10.0		96.9	78-133				
Bromomethane	9.54		"	10.0		95.4	43-168				
Carbon disulfide	9.33		"	10.0		93.3	68-146				
Carbon tetrachloride	11.8		"	10.0		118	77-141				
Chlorobenzene	10.4		"	10.0		104	88-120				
Chloroethane	11.0		"	10.0		110	65-136				
Chloroform	11.0		"	10.0		110	82-128				
Chloromethane	7.14		"	10.0		71.4	43-155				
cis-1,2-Dichloroethylene	10.9		"	10.0		109	83-129				
cis-1,3-Dichloropropylene	8.02		"	10.0		80.2	80-131				
Cyclohexane	4.16		"	10.0		41.6	63-149	Low Bias			
Dibromochloromethane	9.51		"	10.0		95.1	80-130				
Dibromomethane	9.13		"	10.0		91.3	72-134				
Dichlorodifluoromethane	4.51		"	10.0		45.1	44-144				
Ethyl Benzene	10.5		"	10.0		105	80-131				
Hexachlorobutadiene	9.78		"	10.0		97.8	67-146				
Isopropylbenzene	9.89		"	10.0		98.9	76-140				
Methyl acetate	9.59		"	10.0		95.9	51-139				
Methyl tert-butyl ether (MTBE)	10.1		"	10.0		101	76-135				
Methylcyclohexane	8.53		"	10.0		85.3	72-143				

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BG21186 - EPA 5030B											
LCS (BG21186-BS1)							Prepared & Analyzed: 07/21/2022				
Methylene chloride	9.67		ug/L	10.0		96.7	55-137				
Naphthalene	8.43		"	10.0		84.3	70-147				
n-Butylbenzene	9.77		"	10.0		97.7	79-132				
n-Propylbenzene	9.41		"	10.0		94.1	78-133				
o-Xylene	11.1		"	10.0		111	78-130				
p- & m- Xylenes	21.4		"	20.0		107	77-133				
p-Diethylbenzene	10.0		"	10.0		100	84-134				
p-Ethyltoluene	10.4		"	10.0		104	88-129				
p-Isopropyltoluene	10.5		"	10.0		105	81-136				
sec-Butylbenzene	10.3		"	10.0		103	79-137				
Styrene	10.4		"	10.0		104	67-132				
tert-Butyl alcohol (TBA)	41.4		"	50.0		82.8	25-162				
tert-Butylbenzene	8.71		"	10.0		87.1	77-138				
Tetrachloroethylene	10.3		"	10.0		103	82-131				
Toluene	9.29		"	10.0		92.9	80-127				
trans-1,2-Dichloroethylene	10.4		"	10.0		104	80-132				
trans-1,3-Dichloropropylene	9.35		"	10.0		93.5	78-131				
Trichloroethylene	9.55		"	10.0		95.5	82-128				
Trichlorofluoromethane	11.6		"	10.0		116	67-139				
Vinyl Chloride	8.99		"	10.0		89.9	58-145				
Surrogate: SURR: 1,2-Dichloroethane-d4	*10.4*		*"*	*10.0*		*104*	*69-130*				
Surrogate: SURR: Toluene-d8	*9.41*		*"*	*10.0*		*94.1*	*81-117*				
Surrogate: SURR: p-Bromofluorobenzene	*9.10*		*"*	*10.0*		*91.0*	*79-122*				
LCS Dup (BG21186-BSD1)							Prepared & Analyzed: 07/21/2022				
1,1,1,2-Tetrachloroethane	10.1		ug/L	10.0		101	82-126		0.298	30	
1,1,1-Trichloroethane	10.7		"	10.0		107	78-136		4.40	30	
1,1,2,2-Tetrachloroethane	8.75		"	10.0		87.5	76-129		5.04	30	
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	9.98		"	10.0		99.8	54-165		5.27	30	
1,1,2-Trichloroethane	9.95		"	10.0		99.5	82-123		6.54	30	
1,1-Dichloroethane	10.1		"	10.0		101	82-129		2.26	30	
1,1-Dichloroethylene	9.52		"	10.0		95.2	68-138		5.12	30	
1,2,3-Trichlorobenzene	10.1		"	10.0		101	76-136		4.14	30	
1,2,3-Trichloropropane	9.38		"	10.0		93.8	77-128		6.49	30	
1,2,4-Trichlorobenzene	9.65		"	10.0		96.5	76-137		5.21	30	
1,2,4-Trimethylbenzene	9.32		"	10.0		93.2	82-132		4.10	30	
1,2-Dibromo-3-chloropropane	9.03		"	10.0		90.3	45-147		6.87	30	
1,2-Dibromoethane	10.2		"	10.0		102	83-124		6.30	30	
1,2-Dichlorobenzene	9.20		"	10.0		92.0	79-123		2.79	30	
1,2-Dichloroethane	11.1		"	10.0		111	73-132		2.38	30	
1,2-Dichloropropane	9.23		"	10.0		92.3	78-126		0.216	30	
1,3,5-Trimethylbenzene	9.08		"	10.0		90.8	80-131		4.52	30	
1,3-Dichlorobenzene	9.24		"	10.0		92.4	86-122		3.30	30	
1,3-Dichloropropane	9.60		"	10.0		96.0	81-125		4.15	30	
1,4-Dichlorobenzene	9.23		"	10.0		92.3	85-124		3.62	30	
1,4-Dioxane	260		"	210		124	10-349		9.33	30	
2-Butanone	14.7		"	10.0		147	49-152		36.0	30	Non-dir.
2-Hexanone	8.77		"	10.0		87.7	51-146		14.2	30	
4-Methyl-2-pentanone	8.58		"	10.0		85.8	57-145		9.27	30	
Acetone	11.1		"	10.0		111	14-150		4.78	30	

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BG21186 - EPA 5030B											
LCS Dup (BG21186-BSD1)								Prepared & Analyzed: 07/21/2022			
Acrolein	12.2		ug/L	10.0		122	10-153		9.36	30	
Acrylonitrile	10.8		"	10.0		108	51-150		12.8	30	
Benzene	10.2		"	10.0		102	85-126		2.71	30	
Bromochloromethane	10.3		"	10.0		103	77-128		2.15	30	
Bromodichloromethane	9.27		"	10.0		92.7	79-128		1.61	30	
Bromoform	10.4		"	10.0		104	78-133		6.97	30	
Bromomethane	8.67		"	10.0		86.7	43-168		9.56	30	
Carbon disulfide	8.86		"	10.0		88.6	68-146		5.17	30	
Carbon tetrachloride	11.2		"	10.0		112	77-141		5.83	30	
Chlorobenzene	10.4		"	10.0		104	88-120		0.674	30	
Chloroethane	10.2		"	10.0		102	65-136		7.52	30	
Chloroform	10.8		"	10.0		108	82-128		2.39	30	
Chloromethane	6.75		"	10.0		67.5	43-155		5.62	30	
cis-1,2-Dichloroethylene	10.5		"	10.0		105	83-129		3.47	30	
cis-1,3-Dichloropropylene	8.10		"	10.0		81.0	80-131		0.993	30	
Cyclohexane	3.95		"	10.0		39.5	63-149	Low Bias	5.18	30	
Dibromochloromethane	9.82		"	10.0		98.2	80-130		3.21	30	
Dibromomethane	9.61		"	10.0		96.1	72-134		5.12	30	
Dichlorodifluoromethane	4.15		"	10.0		41.5	44-144	Low Bias	8.31	30	
Ethyl Benzene	10.2		"	10.0		102	80-131		2.51	30	
Hexachlorobutadiene	10.0		"	10.0		100	67-146		2.22	30	
Isopropylbenzene	9.39		"	10.0		93.9	76-140		5.19	30	
Methyl acetate	10.5		"	10.0		105	51-139		8.77	30	
Methyl tert-butyl ether (MTBE)	10.7		"	10.0		107	76-135		5.77	30	
Methylcyclohexane	8.08		"	10.0		80.8	72-143		5.42	30	
Methylene chloride	9.64		"	10.0		96.4	55-137		0.311	30	
Naphthalene	9.21		"	10.0		92.1	70-147		8.84	30	
n-Butylbenzene	9.27		"	10.0		92.7	79-132		5.25	30	
n-Propylbenzene	9.01		"	10.0		90.1	78-133		4.34	30	
o-Xylene	10.8		"	10.0		108	78-130		2.73	30	
p- & m- Xylenes	20.9		"	20.0		105	77-133		2.27	30	
p-Diethylbenzene	9.54		"	10.0		95.4	84-134		5.11	30	
p-Ethyltoluene	10.0		"	10.0		100	88-129		4.21	30	
p-Isopropyltoluene	9.89		"	10.0		98.9	81-136		6.08	30	
sec-Butylbenzene	9.54		"	10.0		95.4	79-137		7.27	30	
Styrene	10.2		"	10.0		102	67-132		1.36	30	
tert-Butyl alcohol (TBA)	49.0		"	50.0		98.1	25-162		16.9	30	
tert-Butylbenzene	8.21		"	10.0		82.1	77-138		5.91	30	
Tetrachloroethylene	10.1		"	10.0		101	82-131		1.87	30	
Toluene	9.10		"	10.0		91.0	80-127		2.07	30	
trans-1,2-Dichloroethylene	10.0		"	10.0		100	80-132		4.11	30	
trans-1,3-Dichloropropylene	9.50		"	10.0		95.0	78-131		1.59	30	
Trichloroethylene	9.11		"	10.0		91.1	82-128		4.72	30	
Trichlorofluoromethane	10.8		"	10.0		108	67-139		7.15	30	
Vinyl Chloride	8.07		"	10.0		80.7	58-145		10.8	30	
Surrogate: SURR: 1,2-Dichloroethane-d4	*10.6*		*"*	*10.0*		*106*	*69-130*				
Surrogate: SURR: Toluene-d8	*9.33*		*"*	*10.0*		*93.3*	*81-117*				
Surrogate: SURR: p-Bromofluorobenzene	*8.92*		*"*	*10.0*		*89.2*	*79-122*				

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BG21186 - EPA 5030B											
Matrix Spike (BG21186-MS1)	*Source sample: 22G0719-03 (MW-3)							Prepared & Analyzed: 07/21/2022			
1,1,1,2-Tetrachloroethane	11.0		ug/L	10.0	0.00	110	45-161				
1,1,1-Trichloroethane	12.5		"	10.0	0.00	125	70-146				
1,1,2,2-Tetrachloroethane	7.87		"	10.0	0.00	78.7	74-121				
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	10.3		"	10.0	0.00	103	21-217				
1,1,2-Trichloroethane	10.0		"	10.0	0.00	100	59-146				
1,1-Dichloroethane	9.94		"	10.0	0.00	99.4	54-146				
1,1-Dichloroethylene	9.64		"	10.0	0.00	96.4	44-165				
1,2,3-Trichlorobenzene	9.62		"	10.0	0.00	96.2	40-161				
1,2,3-Trichloropropane	8.95		"	10.0	0.00	89.5	74-127				
1,2,4-Trichlorobenzene	9.11		"	10.0	0.00	91.1	41-161				
1,2,4-Trimethylbenzene	8.97		"	10.0	0.00	89.7	72-129				
1,2-Dibromo-3-chloropropane	9.79		"	10.0	0.00	97.9	31-151				
1,2-Dibromoethane	9.83		"	10.0	0.00	98.3	75-125				
1,2-Dichlorobenzene	8.98		"	10.0	0.00	89.8	63-122				
1,2-Dichloroethane	12.6		"	10.0	0.00	126	68-131				
1,2-Dichloropropane	8.65		"	10.0	0.00	86.5	77-121				
1,3,5-Trimethylbenzene	8.73		"	10.0	0.00	87.3	69-126				
1,3-Dichlorobenzene	8.53		"	10.0	0.00	85.3	74-119				
1,3-Dichloropropane	9.89		"	10.0	0.00	98.9	77-119				
1,4-Dichlorobenzene	8.69		"	10.0	0.00	86.9	70-124				
1,4-Dioxane	223		"	210	0.00	106	10-310				
2-Butanone	8.75		"	10.0	0.00	87.5	10-193				
2-Hexanone	8.77		"	10.0	0.00	87.7	53-133				
4-Methyl-2-pentanone	8.07		"	10.0	0.00	80.7	38-150				
Acetone	13.6		"	10.0	2.85	107	13-149				
Acrolein	8.71		"	10.0	0.00	87.1	10-195				
Acrylonitrile	8.33		"	10.0	0.00	83.3	37-165				
Benzene	9.90		"	10.0	0.00	99.0	38-155				
Bromochloromethane	10.1		"	10.0	0.00	101	75-121				
Bromodichloromethane	14.1		"	10.0	3.42	107	70-129				
Bromoform	11.5		"	10.0	0.00	115	66-136				
Bromomethane	2.32		"	10.0	0.00	23.2	30-158	Low Bias			
Carbon disulfide	8.07		"	10.0	0.00	80.7	10-138				
Carbon tetrachloride	14.1		"	10.0	0.00	141	71-146				
Chlorobenzene	10.5		"	10.0	0.00	105	81-117				
Chloroethane	19.7		"	10.0	0.00	197	51-145	High Bias			
Chloroform	72.2		"	10.0	60.7	116	80-124				
Chloromethane	6.21		"	10.0	0.00	62.1	16-163				
cis-1,2-Dichloroethylene	10.7		"	10.0	0.00	107	76-125				
cis-1,3-Dichloropropylene	7.64		"	10.0	0.00	76.4	58-131				
Cyclohexane	3.81		"	10.0	0.00	38.1	70-130	Low Bias			
Dibromochloromethane	10.9		"	10.0	0.140	107	71-129				
Dibromomethane	10.2		"	10.0	0.00	102	76-120				
Dichlorodifluoromethane	2.95		"	10.0	0.00	29.5	30-147	Low Bias			
Ethyl Benzene	10.9		"	10.0	0.00	109	72-128				
Hexachlorobutadiene	10.3		"	10.0	0.00	103	34-166				
Isopropylbenzene	8.92		"	10.0	0.00	89.2	66-139				
Methyl acetate	8.27		"	10.0	0.00	82.7	10-200				
Methyl tert-butyl ether (MTBE)	10.1		"	10.0	0.00	101	75-128				
Methylcyclohexane	8.00		"	10.0	0.00	80.0	70-130				

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BG21186 - EPA 5030B											
Matrix Spike (BG21186-MS1)	*Source sample: 22G0719-03 (MW-3)							Prepared & Analyzed: 07/21/2022			
Methylene chloride	9.48		ug/L	10.0	0.900	85.8	57-128				
Naphthalene	8.56		"	10.0	0.00	85.6	39-158				
n-Butylbenzene	9.43		"	10.0	0.00	94.3	61-138				
n-Propylbenzene	8.51		"	10.0	0.00	85.1	66-134				
o-Xylene	11.6		"	10.0	0.00	116	69-126				
p- & m- Xylenes	22.4		"	20.0	0.00	112	67-130				
p-Diethylbenzene	9.45		"	10.0	0.00	94.5	52-150				
p-Ethyltoluene	9.41		"	10.0	0.00	94.1	76-127				
p-Isopropyltoluene	9.72		"	10.0	0.00	97.2	64-137				
sec-Butylbenzene	9.38		"	10.0	0.00	93.8	53-155				
Styrene	10.8		"	10.0	0.00	108	69-125				
tert-Butyl alcohol (TBA)	46.0		"	50.0	0.00	92.1	10-130				
tert-Butylbenzene	7.94		"	10.0	0.00	79.4	65-139				
Tetrachloroethylene	16.4		"	10.0	5.39	110	64-139				
Toluene	9.28		"	10.0	0.00	92.8	76-123				
trans-1,2-Dichloroethylene	10.2		"	10.0	0.00	102	79-131				
trans-1,3-Dichloropropylene	9.85		"	10.0	0.00	98.5	55-130				
Trichloroethylene	9.32		"	10.0	0.00	93.2	53-145				
Trichlorofluoromethane	17.7		"	10.0	2.79	149	61-142	High Bias			
Vinyl Chloride	7.70		"	10.0	0.00	77.0	31-165				
Surrogate: SURR: 1,2-Dichloroethane-d4	*12.5*		*"*	*10.0*		*125*	*69-130*				
Surrogate: SURR: Toluene-d8	*9.35*		*"*	*10.0*		*93.5*	*81-117*				
Surrogate: SURR: p-Bromofluorobenzene	*8.30*		*"*	*10.0*		*83.0*	*79-122*				
Matrix Spike Dup (BG21186-MSD1)	*Source sample: 22G0719-03 (MW-3)							Prepared & Analyzed: 07/21/2022			
1,1,1,2-Tetrachloroethane	9.61		ug/L	10.0	0.00	96.1	45-161		13.2	30	
1,1,1-Trichloroethane	11.0		"	10.0	0.00	110	70-146		13.0	30	
1,1,2,2-Tetrachloroethane	7.22		"	10.0	0.00	72.2	74-121	Low Bias	8.61	30	
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	9.27		"	10.0	0.00	92.7	21-217		10.8	30	
1,1,2-Trichloroethane	8.91		"	10.0	0.00	89.1	59-146		11.9	30	
1,1-Dichloroethane	9.04		"	10.0	0.00	90.4	54-146		9.48	30	
1,1-Dichloroethylene	8.87		"	10.0	0.00	88.7	44-165		8.32	30	
1,2,3-Trichlorobenzene	8.93		"	10.0	0.00	89.3	40-161		7.44	30	
1,2,3-Trichloropropane	7.98		"	10.0	0.00	79.8	74-127		11.5	30	
1,2,4-Trichlorobenzene	8.68		"	10.0	0.00	86.8	41-161		4.83	30	
1,2,4-Trimethylbenzene	8.18		"	10.0	0.00	81.8	72-129		9.21	30	
1,2-Dibromo-3-chloropropane	8.24		"	10.0	0.00	82.4	31-151		17.2	30	
1,2-Dibromoethane	9.08		"	10.0	0.00	90.8	75-125		7.93	30	
1,2-Dichlorobenzene	8.01		"	10.0	0.00	80.1	63-122		11.4	30	
1,2-Dichloroethane	10.9		"	10.0	0.00	109	68-131		14.9	30	
1,2-Dichloropropane	8.03		"	10.0	0.00	80.3	77-121		7.43	30	
1,3,5-Trimethylbenzene	8.07		"	10.0	0.00	80.7	69-126		7.86	30	
1,3-Dichlorobenzene	7.83		"	10.0	0.00	78.3	74-119		8.56	30	
1,3-Dichloropropane	8.71		"	10.0	0.00	87.1	77-119		12.7	30	
1,4-Dichlorobenzene	7.81		"	10.0	0.00	78.1	70-124		10.7	30	
1,4-Dioxane	187		"	210	0.00	88.9	10-310		17.7	30	
2-Butanone	9.83		"	10.0	0.00	98.3	10-193		11.6	30	
2-Hexanone	8.04		"	10.0	0.00	80.4	53-133		8.69	30	
4-Methyl-2-pentanone	7.49		"	10.0	0.00	74.9	38-150		7.46	30	
Acetone	12.5		"	10.0	2.85	96.7	13-149		7.90	30	

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BG21186 - EPA 5030B											
Matrix Spike Dup (BG21186-MSD1)	*Source sample: 22G0719-03 (MW-3)							Prepared & Analyzed: 07/21/2022			
Acrolein	9.04		ug/L	10.0	0.00	90.4	10-195		3.72	30	
Acrylonitrile	8.32		"	10.0	0.00	83.2	37-165		0.120	30	
Benzene	9.21		"	10.0	0.00	92.1	38-155		7.22	30	
Bromochloromethane	9.35		"	10.0	0.00	93.5	75-121		7.61	30	
Bromodichloromethane	12.6		"	10.0	3.42	92.2	70-129		11.0	30	
Bromoform	9.90		"	10.0	0.00	99.0	66-136		15.3	30	
Bromomethane	2.67		"	10.0	0.00	26.7	30-158	Low Bias	14.0	30	
Carbon disulfide	7.78		"	10.0	0.00	77.8	10-138		3.66	30	
Carbon tetrachloride	11.9		"	10.0	0.00	119	71-146		17.1	30	
Chlorobenzene	9.54		"	10.0	0.00	95.4	81-117		9.96	30	
Chloroethane	10.5		"	10.0	0.00	105	51-145		61.0	30	Non-dir.
Chloroform	69.0		"	10.0	60.7	83.0	80-124		4.65	30	
Chloromethane	5.36		"	10.0	0.00	53.6	16-163		14.7	30	
cis-1,2-Dichloroethylene	9.72		"	10.0	0.00	97.2	76-125		9.69	30	
cis-1,3-Dichloropropylene	7.02		"	10.0	0.00	70.2	58-131		8.46	30	
Cyclohexane	3.59		"	10.0	0.00	35.9	70-130	Low Bias	5.95	30	
Dibromochloromethane	9.45		"	10.0	0.140	93.1	71-129		14.0	30	
Dibromomethane	8.95		"	10.0	0.00	89.5	76-120		12.7	30	
Dichlorodifluoromethane	2.64		"	10.0	0.00	26.4	30-147	Low Bias	11.1	30	
Ethyl Benzene	9.64		"	10.0	0.00	96.4	72-128		12.0	30	
Hexachlorobutadiene	9.52		"	10.0	0.00	95.2	34-166		8.16	30	
Isopropylbenzene	8.27		"	10.0	0.00	82.7	66-139		7.56	30	
Methyl acetate	8.13		"	10.0	0.00	81.3	10-200		1.71	30	
Methyl tert-butyl ether (MTBE)	9.39		"	10.0	0.00	93.9	75-128		7.58	30	
Methylcyclohexane	7.57		"	10.0	0.00	75.7	70-130		5.52	30	
Methylene chloride	8.70		"	10.0	0.900	78.0	57-128		8.58	30	
Naphthalene	7.95		"	10.0	0.00	79.5	39-158		7.39	30	
n-Butylbenzene	8.56		"	10.0	0.00	85.6	61-138		9.67	30	
n-Propylbenzene	7.95		"	10.0	0.00	79.5	66-134		6.80	30	
o-Xylene	10.1		"	10.0	0.00	101	69-126		13.7	30	
p- & m- Xylenes	20.0		"	20.0	0.00	99.8	67-130		11.5	30	
p-Diethylbenzene	8.59		"	10.0	0.00	85.9	52-150		9.53	30	
p-Ethyltoluene	8.40		"	10.0	0.00	84.0	76-127		11.3	30	
p-Isopropyltoluene	8.89		"	10.0	0.00	88.9	64-137		8.92	30	
sec-Butylbenzene	8.55		"	10.0	0.00	85.5	53-155		9.26	30	
Styrene	9.58		"	10.0	0.00	95.8	69-125		11.6	30	
tert-Butyl alcohol (TBA)	44.5		"	50.0	0.00	88.9	10-130		3.47	30	
tert-Butylbenzene	7.28		"	10.0	0.00	72.8	65-139		8.67	30	
Tetrachloroethylene	15.4		"	10.0	5.39	100	64-139		6.10	30	
Toluene	8.39		"	10.0	0.00	83.9	76-123		10.1	30	
trans-1,2-Dichloroethylene	9.12		"	10.0	0.00	91.2	79-131		10.9	30	
trans-1,3-Dichloropropylene	8.77		"	10.0	0.00	87.7	55-130		11.6	30	
Trichloroethylene	8.60		"	10.0	0.00	86.0	53-145		8.04	30	
Trichlorofluoromethane	14.2		"	10.0	2.79	114	61-142		21.7	30	
Vinyl Chloride	7.22		"	10.0	0.00	72.2	31-165		6.43	30	
Surrogate: SURR: 1,2-Dichloroethane-d4	*11.9*		*"*	*10.0*		*119*	*69-130*				
Surrogate: SURR: Toluene-d8	*9.39*		*"*	*10.0*		*93.9*	*81-117*				
Surrogate: SURR: p-Bromofluorobenzene	*8.42*		*"*	*10.0*		*84.2*	*79-122*				

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BG21257 - EPA 5030B											
Blank (BG21257-BLK1)											
1,1,1,2-Tetrachloroethane	ND	0.500	ug/L								
Tentatively Identified Compounds	0.0		"								
1,1,1-Trichloroethane	ND	0.500	"								
1,1,2,2-Tetrachloroethane	ND	0.500	"								
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	0.500	"								
1,1,2-Trichloroethane	ND	0.500	"								
1,1-Dichloroethane	ND	0.500	"								
1,1-Dichloroethylene	ND	0.500	"								
1,2,3-Trichlorobenzene	ND	0.500	"								
1,2,3-Trichloropropane	ND	0.500	"								
1,2,4-Trichlorobenzene	ND	0.500	"								
1,2,4-Trimethylbenzene	ND	0.500	"								
1,2-Dibromo-3-chloropropane	ND	0.500	"								
1,2-Dibromoethane	ND	0.500	"								
1,2-Dichlorobenzene	ND	0.500	"								
1,2-Dichloroethane	ND	0.500	"								
1,2-Dichloropropane	ND	0.500	"								
1,3,5-Trimethylbenzene	ND	0.500	"								
1,3-Dichlorobenzene	ND	0.500	"								
1,3-Dichloropropane	ND	0.500	"								
1,4-Dichlorobenzene	ND	0.500	"								
1,4-Dioxane	ND	80.0	"								
2-Butanone	ND	0.500	"								
2-Hexanone	ND	0.500	"								
4-Methyl-2-pentanone	ND	0.500	"								
Acetone	ND	2.00	"								
Acrolein	ND	0.500	"								
Acrylonitrile	ND	0.500	"								
Benzene	ND	0.500	"								
Bromochloromethane	ND	0.500	"								
Bromodichloromethane	ND	0.500	"								
Bromoform	ND	0.500	"								
Bromomethane	ND	0.500	"								
Carbon disulfide	ND	0.500	"								
Carbon tetrachloride	ND	0.500	"								
Chlorobenzene	ND	0.500	"								
Chloroethane	ND	0.500	"								
Chloroform	ND	0.500	"								
Chloromethane	ND	0.500	"								
cis-1,2-Dichloroethylene	ND	0.500	"								
cis-1,3-Dichloropropylene	ND	0.500	"								
Cyclohexane	ND	0.500	"								
Dibromochloromethane	ND	0.500	"								
Dibromomethane	ND	0.500	"								
Dichlorodifluoromethane	ND	0.500	"								
Ethyl Benzene	ND	0.500	"								
Hexachlorobutadiene	ND	0.500	"								
Isopropylbenzene	ND	0.500	"								
Methyl acetate	ND	0.500	"								
Methyl tert-butyl ether (MTBE)	ND	0.500	"								

Prepared & Analyzed: 07/22/2022

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BG21257 - EPA 5030B											
Blank (BG21257-BLK1)								Prepared & Analyzed: 07/22/2022			
Methylcyclohexane	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-Butyl alcohol (TBA)	ND	1.00	"								
tert-Butylbenzene	ND	0.500	"								
Tetrachloroethylene	ND	0.500	"								
Toluene	ND	0.500	"								
trans-1,2-Dichloroethylene	ND	0.500	"								
trans-1,3-Dichloropropylene	ND	0.500	"								
Trichloroethylene	ND	0.500	"								
Trichlorofluoromethane	ND	0.500	"								
Vinyl Chloride	ND	0.500	"								
Xylenes, Total	ND	1.50	"								
Surrogate: SURR: 1,2-Dichloroethane-d4	*11.9*		*"*	*10.0*		*119*	*69-130*				
Surrogate: SURR: Toluene-d8	*9.36*		*"*	*10.0*		*93.6*	*81-117*				
Surrogate: SURR: p-Bromofluorobenzene	*9.56*		*"*	*10.0*		*95.6*	*79-122*				
LCS (BG21257-BS1)								Prepared & Analyzed: 07/22/2022			
1,1,1,2-Tetrachloroethane	9.66		ug/L	10.0		96.6	82-126				
1,1,1-Trichloroethane	10.4		"	10.0		104	78-136				
1,1,2,2-Tetrachloroethane	7.35		"	10.0		73.5	76-129	Low Bias			
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	9.14		"	10.0		91.4	54-165				
1,1,2-Trichloroethane	8.53		"	10.0		85.3	82-123				
1,1-Dichloroethane	9.24		"	10.0		92.4	82-129				
1,1-Dichloroethylene	8.57		"	10.0		85.7	68-138				
1,2,3-Trichlorobenzene	8.33		"	10.0		83.3	76-136				
1,2,3-Trichloropropane	8.09		"	10.0		80.9	77-128				
1,2,4-Trichlorobenzene	8.31		"	10.0		83.1	76-137				
1,2,4-Trimethylbenzene	9.29		"	10.0		92.9	82-132				
1,2-Dibromo-3-chloropropane	8.07		"	10.0		80.7	45-147				
1,2-Dibromoethane	8.61		"	10.0		86.1	83-124				
1,2-Dichlorobenzene	8.79		"	10.0		87.9	79-123				
1,2-Dichloroethane	10.2		"	10.0		102	73-132				
1,2-Dichloropropane	8.49		"	10.0		84.9	78-126				
1,3,5-Trimethylbenzene	9.21		"	10.0		92.1	80-131				
1,3-Dichlorobenzene	8.88		"	10.0		88.8	86-122				
1,3-Dichloropropane	8.32		"	10.0		83.2	81-125				
1,4-Dichlorobenzene	8.89		"	10.0		88.9	85-124				
1,4-Dioxane	158		"	210		75.5	10-349				
2-Butanone	7.49		"	10.0		74.9	49-152				
2-Hexanone	6.29		"	10.0		62.9	51-146				

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BG21257 - EPA 5030B											
LCS (BG21257-BS1)								Prepared & Analyzed: 07/22/2022			
4-Methyl-2-pentanone	6.46		ug/L	10.0		64.6	57-145				
Acetone	8.60		"	10.0		86.0	14-150				
Acrolein	8.95		"	10.0		89.5	10-153				
Acrylonitrile	7.70		"	10.0		77.0	51-150				
Benzene	9.37		"	10.0		93.7	85-126				
Bromochloromethane	9.09		"	10.0		90.9	77-128				
Bromodichloromethane	8.95		"	10.0		89.5	79-128				
Bromoform	9.21		"	10.0		92.1	78-133				
Bromomethane	4.08		"	10.0		40.8	43-168	Low Bias			
Carbon disulfide	7.52		"	10.0		75.2	68-146				
Carbon tetrachloride	11.3		"	10.0		113	77-141				
Chlorobenzene	9.86		"	10.0		98.6	88-120				
Chloroethane	9.45		"	10.0		94.5	65-136				
Chloroform	10.3		"	10.0		103	82-128				
Chloromethane	5.31		"	10.0		53.1	43-155				
cis-1,2-Dichloroethylene	9.92		"	10.0		99.2	83-129				
cis-1,3-Dichloropropylene	7.40		"	10.0		74.0	80-131	Low Bias			
Cyclohexane	3.43		"	10.0		34.3	63-149	Low Bias			
Dibromochloromethane	8.77		"	10.0		87.7	80-130				
Dibromomethane	8.37		"	10.0		83.7	72-134				
Dichlorodifluoromethane	2.18		"	10.0		21.8	44-144	Low Bias			
Ethyl Benzene	9.99		"	10.0		99.9	80-131				
Hexachlorobutadiene	9.18		"	10.0		91.8	67-146				
Isopropylbenzene	9.54		"	10.0		95.4	76-140				
Methyl acetate	8.03		"	10.0		80.3	51-139				
Methyl tert-butyl ether (MTBE)	8.52		"	10.0		85.2	76-135				
Methylcyclohexane	7.70		"	10.0		77.0	72-143				
Methylene chloride	8.55		"	10.0		85.5	55-137				
Naphthalene	7.11		"	10.0		71.1	70-147				
n-Butylbenzene	9.57		"	10.0		95.7	79-132				
n-Propylbenzene	9.12		"	10.0		91.2	78-133				
o-Xylene	10.6		"	10.0		106	78-130				
p- & m- Xylenes	20.6		"	20.0		103	77-133				
p-Diethylbenzene	9.62		"	10.0		96.2	84-134				
p-Ethyltoluene	10.1		"	10.0		101	88-129				
p-Isopropyltoluene	10.0		"	10.0		100	81-136				
sec-Butylbenzene	9.73		"	10.0		97.3	79-137				
Styrene	9.78		"	10.0		97.8	67-132				
tert-Butyl alcohol (TBA)	32.1		"	50.0		64.2	25-162				
tert-Butylbenzene	8.22		"	10.0		82.2	77-138				
Tetrachloroethylene	9.70		"	10.0		97.0	82-131				
Toluene	8.63		"	10.0		86.3	80-127				
trans-1,2-Dichloroethylene	9.18		"	10.0		91.8	80-132				
trans-1,3-Dichloropropylene	8.85		"	10.0		88.5	78-131				
Trichloroethylene	8.86		"	10.0		88.6	82-128				
Trichlorofluoromethane	10.7		"	10.0		107	67-139				
Vinyl Chloride	6.58		"	10.0		65.8	58-145				
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	*9.18*		*"*	*10.0*		*91.8*	*79-122*				

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BG21257 - EPA 5030B											
LCS Dup (BG21257-BSD1)							Prepared & Analyzed: 07/22/2022				
1,1,1,2-Tetrachloroethane	10.4		ug/L	10.0		104	82-126		7.19	30	
1,1,1-Trichloroethane	10.6		"	10.0		106	78-136		2.18	30	
1,1,2,2-Tetrachloroethane	8.08		"	10.0		80.8	76-129		9.46	30	
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	8.63		"	10.0		86.3	54-165		5.74	30	
1,1,2-Trichloroethane	9.19		"	10.0		91.9	82-123		7.45	30	
1,1-Dichloroethane	9.70		"	10.0		97.0	82-129		4.86	30	
1,1-Dichloroethylene	8.33		"	10.0		83.3	68-138		2.84	30	
1,2,3-Trichlorobenzene	9.28		"	10.0		92.8	76-136		10.8	30	
1,2,3-Trichloropropane	8.65		"	10.0		86.5	77-128		6.69	30	
1,2,4-Trichlorobenzene	9.19		"	10.0		91.9	76-137		10.1	30	
1,2,4-Trimethylbenzene	10.0		"	10.0		100	82-132		7.86	30	
1,2-Dibromo-3-chloropropane	8.36		"	10.0		83.6	45-147		3.53	30	
1,2-Dibromoethane	9.34		"	10.0		93.4	83-124		8.13	30	
1,2-Dichlorobenzene	9.47		"	10.0		94.7	79-123		7.45	30	
1,2-Dichloroethane	10.3		"	10.0		103	73-132		1.17	30	
1,2-Dichloropropane	9.09		"	10.0		90.9	78-126		6.83	30	
1,3,5-Trimethylbenzene	9.92		"	10.0		99.2	80-131		7.42	30	
1,3-Dichlorobenzene	9.62		"	10.0		96.2	86-122		8.00	30	
1,3-Dichloropropane	9.04		"	10.0		90.4	81-125		8.29	30	
1,4-Dichlorobenzene	9.64		"	10.0		96.4	85-124		8.09	30	
1,4-Dioxane	209		"	210		99.7	10-349		27.7	30	
2-Butanone	9.75		"	10.0		97.5	49-152		26.2	30	
2-Hexanone	7.13		"	10.0		71.3	51-146		12.5	30	
4-Methyl-2-pentanone	7.18		"	10.0		71.8	57-145		10.6	30	
Acetone	9.84		"	10.0		98.4	14-150		13.4	30	
Acrolein	10.2		"	10.0		102	10-153		12.9	30	
Acrylonitrile	8.76		"	10.0		87.6	51-150		12.9	30	
Benzene	9.81		"	10.0		98.1	85-126		4.59	30	
Bromochloromethane	9.80		"	10.0		98.0	77-128		7.52	30	
Bromodichloromethane	9.46		"	10.0		94.6	79-128		5.54	30	
Bromoform	9.92		"	10.0		99.2	78-133		7.42	30	
Bromomethane	4.20		"	10.0		42.0	43-168	Low Bias	2.90	30	
Carbon disulfide	7.25		"	10.0		72.5	68-146		3.66	30	
Carbon tetrachloride	11.3		"	10.0		113	77-141		0.177	30	
Chlorobenzene	10.5		"	10.0		105	88-120		6.57	30	
Chloroethane	8.35		"	10.0		83.5	65-136		12.4	30	
Chloroform	10.7		"	10.0		107	82-128		3.91	30	
Chloromethane	4.23		"	10.0		42.3	43-155	Low Bias	22.6	30	
cis-1,2-Dichloroethylene	10.4		"	10.0		104	83-129		5.11	30	
cis-1,3-Dichloropropylene	8.11		"	10.0		81.1	80-131		9.16	30	
Cyclohexane	3.50		"	10.0		35.0	63-149	Low Bias	2.02	30	
Dibromochloromethane	9.33		"	10.0		93.3	80-130		6.19	30	
Dibromomethane	9.08		"	10.0		90.8	72-134		8.14	30	
Dichlorodifluoromethane	1.40		"	10.0		14.0	44-144	Low Bias	43.6	30	Non-dir.
Ethyl Benzene	10.6		"	10.0		106	80-131		5.93	30	
Hexachlorobutadiene	9.84		"	10.0		98.4	67-146		6.94	30	
Isopropylbenzene	10.3		"	10.0		103	76-140		7.95	30	
Methyl acetate	8.73		"	10.0		87.3	51-139		8.35	30	
Methyl tert-butyl ether (MTBE)	9.29		"	10.0		92.9	76-135		8.65	30	
Methylcyclohexane	7.71		"	10.0		77.1	72-143		0.130	30	

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BG21257 - EPA 5030B											
LCS Dup (BG21257-BSD1)								Prepared & Analyzed: 07/22/2022			
Methylene chloride	8.82		ug/L	10.0		88.2	55-137		3.11	30	
Naphthalene	7.95		"	10.0		79.5	70-147		11.2	30	
n-Butylbenzene	10.1		"	10.0		101	79-132		4.99	30	
n-Propylbenzene	9.82		"	10.0		98.2	78-133		7.39	30	
o-Xylene	11.2		"	10.0		112	78-130		5.78	30	
p- & m- Xylenes	21.7		"	20.0		109	77-133		5.24	30	
p-Diethylbenzene	10.2		"	10.0		102	84-134		6.15	30	
p-Ethyltoluene	10.3		"	10.0		103	88-129		1.96	30	
p-Isopropyltoluene	10.7		"	10.0		107	81-136		6.66	30	
sec-Butylbenzene	10.3		"	10.0		103	79-137		6.08	30	
Styrene	10.5		"	10.0		105	67-132		6.91	30	
tert-Butyl alcohol (TBA)	36.4		"	50.0		72.9	25-162		12.6	30	
tert-Butylbenzene	8.79		"	10.0		87.9	77-138		6.70	30	
Tetrachloroethylene	10.3		"	10.0		103	82-131		5.81	30	
Toluene	9.27		"	10.0		92.7	80-127		7.15	30	
trans-1,2-Dichloroethylene	9.38		"	10.0		93.8	80-132		2.16	30	
trans-1,3-Dichloropropylene	9.53		"	10.0		95.3	78-131		7.40	30	
Trichloroethylene	9.34		"	10.0		93.4	82-128		5.27	30	
Trichlorofluoromethane	9.03		"	10.0		90.3	67-139		16.9	30	
Vinyl Chloride	5.32		"	10.0		53.2	58-145	Low Bias	21.2	30	
Surrogate: SURR: 1,2-Dichloroethane-d4	*10.2*		*"*	*10.0*		*102*	*69-130*				
Surrogate: SURR: Toluene-d8	*9.59*		*"*	*10.0*		*95.9*	*81-117*				
Surrogate: SURR: p-Bromofluorobenzene	*9.23*		*"*	*10.0*		*92.3*	*79-122*				

Metals by ICP - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BG20981 - EPA 3015A											
Blank (BG20981-BLK1)								Prepared: 07/19/2022 Analyzed: 07/20/2022			
Iron - Dissolved	ND	0.278	mg/L								
LCS (BG20981-BS1)								Prepared: 07/19/2022 Analyzed: 07/20/2022			
Iron - Dissolved	0.997		ug/mL	1.00		99.7	80-120				
Duplicate (BG20981-DUP1)	*Source sample: 22G0719-13 (MW-10)							Prepared: 07/19/2022 Analyzed: 07/20/2022			
Iron - Dissolved	ND	0.278	mg/L		ND					20	
Matrix Spike (BG20981-MS1)	*Source sample: 22G0719-13 (MW-10)							Prepared: 07/19/2022 Analyzed: 07/20/2022			
Iron - Dissolved	1.20	0.278	mg/L	1.11	ND	108	75-125				
Post Spike (BG20981-PS1)	*Source sample: 22G0719-13 (MW-10)							Prepared: 07/19/2022 Analyzed: 07/20/2022			
Iron - Dissolved	1.11		ug/mL	1.00	0.0240	109	75-125				
Batch BG21068 - EPA 3015A											
Blank (BG21068-BLK1)								Prepared & Analyzed: 07/20/2022			
Iron	ND	0.278	mg/L								
LCS (BG21068-BS1)								Prepared & Analyzed: 07/20/2022			
Iron	1.06		ug/mL	1.00		106	80-120				
Duplicate (BG21068-DUP1)	*Source sample: 22G0792-02 (Duplicate)							Prepared & Analyzed: 07/20/2022			
Iron	1.59	0.278	mg/L		1.62				1.31	20	
Matrix Spike (BG21068-MS1)	*Source sample: 22G0792-02 (Matrix Spike)							Prepared & Analyzed: 07/20/2022			
Iron	2.71	0.278	mg/L	1.11	1.62	98.9	75-125				

Metals by ICP - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BG21068 - EPA 3015A											
Post Spike (BG21068-PS1)	*Source sample: 22G0792-02 (Post Spike)							Prepared & Analyzed: 07/20/2022			
Iron	2.50		ug/mL	1.00	1.62	88.7	75-125				

Anions by Ion Chromatography - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BG20862 - EPA 300											
Blank (BG20862-BLK1)								Prepared & Analyzed: 07/15/2022			
Nitrate as N	ND	0.0500	mg/L								
Sulfate	ND	1.00	"								
LCS (BG20862-BS1)								Prepared & Analyzed: 07/15/2022			
Nitrate as N	10.4	0.0500	mg/L	10.0		104	90-110				
Sulfate	10.9	1.00	"	10.0		109	85-115				
Duplicate (BG20862-DUP1)	*Source sample: 22G0706-01 (Duplicate)							Prepared & Analyzed: 07/15/2022			
Nitrate as N	2.78	0.0500	mg/L		2.77				0.148	15	
Sulfate	24.5	1.00	"		24.4				0.368	15	
Matrix Spike (BG20862-MS1)	*Source sample: 22G0706-01 (Matrix Spike)							Prepared & Analyzed: 07/15/2022			
Nitrate as N	9.44	0.0500	mg/L	10.0	2.77	66.6	90-110	Low Bias			
Sulfate	29.3	1.00	"	10.0	24.4	48.6	85-115	Low Bias			
Matrix Spike (BG20862-MS2)	*Source sample: 22G0706-02 (Matrix Spike)							Prepared & Analyzed: 07/15/2022			
Nitrate as N	13.0	0.0500	mg/L	10.0	2.69	103	90-110				
Sulfate	31.9	1.00	"	10.0	24.4	75.4	85-115	Low Bias			
Batch BG20863 - EPA 300											
Blank (BG20863-BLK1)								Prepared & Analyzed: 07/15/2022			
Nitrate as N	ND	0.0500	mg/L								
Sulfate	ND	1.00	"								
LCS (BG20863-BS1)								Prepared & Analyzed: 07/15/2022			
Nitrate as N	10.4	0.0500	mg/L	10.0		104	90-110				
Sulfate	9.78	1.00	"	10.0		97.8	85-115				

Anions by Ion Chromatography - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BG20863 - EPA 300											
Duplicate (BG20863-DUP1)	*Source sample: 22G0719-07 (MW-7I)							Prepared & Analyzed: 07/15/2022			
Nitrate as N	0.0446	0.0500	mg/L		0.0388				13.9	15	
Sulfate	27.2	1.00	"		26.4				2.75	15	
Matrix Spike (BG20863-MS1)	*Source sample: 22G0719-07 (MW-7I)							Prepared & Analyzed: 07/15/2022			
Nitrate as N	9.72	0.0500	mg/L	10.0	0.0388	96.8	90-110				
Sulfate	33.9	1.00	"	10.0	26.4	74.9	85-115	Low Bias			
Batch BG21094 - EPA 300											
Blank (BG21094-BLK1)								Prepared & Analyzed: 07/19/2022			
Sulfate	ND	1.00	mg/L								
LCS (BG21094-BS1)								Prepared & Analyzed: 07/19/2022			
Sulfate	9.49	1.00	mg/L	10.0		94.9	85-115				
Duplicate (BG21094-DUP1)	*Source sample: 22G0751-01 (Duplicate)							Prepared & Analyzed: 07/19/2022			
Sulfate	31.4	1.00	mg/L		31.3				0.417	15	
Matrix Spike (BG21094-MS1)	*Source sample: 22G0751-01 (Matrix Spike)							Prepared & Analyzed: 07/19/2022			
Sulfate	36.4	1.00	mg/L	10.0	31.3	51.3	85-115	Low Bias			
Matrix Spike (BG21094-MS2)	*Source sample: 22G0830-01 (Matrix Spike)							Prepared & Analyzed: 07/19/2022			
Sulfate	14.6	1.00	mg/L	10.0	5.64	89.6	85-115				

Wet Chemistry Parameters - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BG21133 - Analysis Preparation											
Blank (BG21133-BLK1)								Prepared & Analyzed: 07/21/2022			
Sulfide	ND	1.0	mg/L								
LCS (BG21133-BS1)								Prepared & Analyzed: 07/21/2022			
Sulfide	47	1.0	mg/L	50.0		94.4	80-120				
Duplicate (BG21133-DUP1)	*Source sample: 22G0719-01 (MW-1)							Prepared & Analyzed: 07/21/2022			
Sulfide	ND	1.0	mg/L		ND					15	

Volatile Analysis Sample Containers

Lab ID	Client Sample ID	Volatile Sample Container
22G0719-01	MW-1	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C
22G0719-02	MW-2	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C
22G0719-03	MW-3	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C
22G0719-04	MW-4I	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C
22G0719-05	MW-4S	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C
22G0719-06	MW-5	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C
22G0719-07	MW-7I	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C
22G0719-08	MW-7S	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C
22G0719-09	MW-8I	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C
22G0719-10	MW-8S	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C
22G0719-11	MW-9I	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C
22G0719-12	MW-9S	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C
22G0719-13	MW-10	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C
22G0719-14	DUP	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C
22G0719-15	Trip	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C
22G0719-16	Field Blank (FB)	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C
22G0719-17	MW-11	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C

Sample and Data Qualifiers Relating to This Work Order

See Attach	See Attached
QR-04	The RPD exceeded control limits for the LCS/LCSD QC.
QR-03	The RPD value for the sample duplicate or MS/MSD was outside of QC acceptance limits due to matrix interference. QC batch accepted based on LCS and/or LCSD recovery and/or RPD values.
QR-02	The RPD result exceeded the QC control limits; however, both percent recoveries were acceptable. Sample results for the QC batch were accepted based on percent recoveries and completeness of QC data.
QM-07	The spike recovery was outside acceptance limits for the MS and/or MSD. The batch was accepted based on acceptable LCS recovery.
QM-01	The spike recovery for this QC sample is outside of established control limits due to sample matrix interference.
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.
ICV-E	The value reported is ESTIMATED. The value is estimated due to its behavior during initial calibration verification (recovery exceeded 30% of expected value).
CCV-E	The value reported is ESTIMATED. The value is estimated due to its behavior during continuing calibration verification (>20% Difference for average Rf or >20% Drift for quadratic fit).
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. 226071

120 Research Drive Stratford, CT 06615 | 132-02 89th Ave Queens, NY 11418 | clientservices@yorklab.com | www.yorklab.com | 800-306-YORK | 800-306-9675

YOUR Information	Report To:	Invoice To:	YOUR Project Number	Turn-Around Time
Company: IMPACT ENVIRONMENTAL	Company: SAME	Company: SAME	#15209	RUSH - Next Day
Address: 170 Keyland court, Bohemia, NY	Address: SAME	Address: SAME	YOUR Project Name: 13-16 Beach Channel	RUSH - Two Day
Phone.:	Phone.: SAME	Phone.: SAME		RUSH - Three Day
Contact: Chris Connolly	Contact: SAME	Contact: SAME		RUSH - Four Day
E-mail: Cconnolly@impact environmental.com	E-mail: SAME	E-mail: SAME	YOUR PO#:	Standard (5-7 Day)

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

Samples Collected by: (print 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; NY ASP A Package; NY ASP B Package; CT RCP; CT RCP DQA/DUE; NJDEP Reduced Deliverables; NJDKQP; Standard Excel EDD; EQuIS (Standard); NYSDEC EQuIS; NJDEP SRP HazSite; Other:

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

Sample Identification	Sample Matrix	Date/Time Sampled	Analysis Requested	Container Description
MW-1	GW	7-14-22 1350	TCL VOCs / total dissolved ~~metals~~ iron, sulfate sulfide, Nitrate, total organic carbon	40mL vial's
MW-2		7-13-22 0850	TCL VOCs	
MW-3		7-13-22 0935	TCL VOCs	
MW-4I		7-13-22 1125	TCL VOCs	
MW-4S		7-13-22 1205	TCL VOCs	
MW-5		7-13-22 ~~1230~~ 1255	TCL VOCs	
MW-7I		7-14-22 1325	TCL VOC's, total dissolved iron, Iron, sulfate, sulfide Nitrate, total organic carbon, Methane, ethane, ethene	14, 3x250 mL, 2x 40mL vial sets + 1 VOA set 1:2 HCl
MW-7S		7-14-22 1245		
MW-8I		7-14-22 1105		
MW-8S		7-14-22 1150		

Comments: MW-1, MW-7I, MW-7S, MW-8I, MW-8S Analysis (TCL VOC's, total dissolved iron, Sulfate, Sulfide, Nitrate, total organic carbon, Methane ethane, ethene (MW-5 @ 1255)

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

Preservation: (check all that apply) HCl X; MeOH ___; HNO3 X; H2SO4 ___; NaOH X; ZnAc X; Ascorbic Acid ___; Other: H_3PO_4

Special Instruction: Field Filtered; Lab to Filter

Samples Relinquished by / Company	Date/Time	Samples Received by / Company	Date/Time	Samples Relinquished by / Company	Date/Time
[signature]	7-15-22	[signature] York Labs	7/15/22 1022	[signature] York Labs	7/15/22 1530
Samples Received by / Company	Date/Time	Samples Relinquished by / Company	Date/Time	Samples Received by / Company	Date/Time
I.B	7.15.22 1530	I.B	7.15.22 1944		
Samples Relinquished by / Company	Date/Time	Samples Received by / Company	Date/Time	Samples Received in LAB by	Date/Time / Temperature
				[signature]	7/15/22 1944 / 1.3 Degrees C

Field Chain-of-Custody Record

YORK ANALYTICAL LABORATORIES INC

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Your signature binds you to YORK's Standard Terms & Conditions.

YORK Project No. 226071.9

120 Research Drive Stratford, CT 06615 | 132-02 89th Ave Queens, NY 11418 | clientservices@yorklab.com | www.yorklab.com | 800-306-YORK | 800-306-9675

YOUR Information	Report To:	Invoice To:	YOUR Project Number	Turn-Around Time
Company: IMPACT ENVIRONMENTAL	Company: SAME	Company: SAME	#15209	RUSH - Next Day
Address: 170 Kinglan Court Bohemia, NY	Address: SAME	Address: SAME	YOUR Project Name: 13-16 Beech Channel Drive	RUSH - Two Day
Phone.:	Phone.:	Phone.:		RUSH - Three Day
Contact: Chris Connelly	Contact:	Contact:		RUSH - Four Day
E-mail:	E-mail: CConnelly@impactenvironmental.com	E-mail:	YOUR PO#:	Standard (5-7 Day)

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

Samples Collected by: (print 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; NY ASP A Package; NY ASP B Package; CT RCP; CT RCP DQA/DUE; NJDEP Reduced Deliverables; NJDKQP; Standard Excel EDD; EQuIS (Standard); NYSDEC EQuIS; NJDEP SRP HazSite; Other:

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

Sample Identification	Sample Matrix	Date/Time Sampled	Analysis Requested	Container Description
MW-9I	GW	7-14-22 1445	TCL VOCs, total dissolved iron, sulfate, sulfide, nitrate, total organic carbon, methane, ethane, ethene	16, 3x 250 plastic, 2x HCL VOA set, 1x H2SO4
MW-9S		7-14-22 1410		
MW-10		7-14-22 1000		
MS		7-13-22 0940	TCL VOCs	40ml HCL VOA 5x3
MSD		7-13-22 0940	TCL VOCs	
DUP		7-13-22 0945	TCL VOCs	
TRIP		—	TCL VOCs	2x 40ml VOA
Field BLANK (FB)		7-13-22 0945	TCL VOCs	40ml HCL VOAs x2
MW-11	GW	7-13-22 1025	TCL VOCs	

Comments: MW-9I, MW-9S, MW-10 Analysis TCL VOCs, total dissolved iron, sulfate, sulfide, nitrate, total organic carbon, methane, ethane, ethene

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

Preservation: (check all that apply) HCl X MeOH ___ HNO3 X H2SO4 ___ NaOH X ZnAc X Ascorbic Acid ___ Other: H_3PO_4

Special Instruction: Field Filtered; Lab to Filter

Samples Relinquished by / Company	Date/Time	Samples Received by / Company	Date/Time	Samples Relinquished by / Company	Date/Time	Samples Received by / Company	Date/Time
[signature]	7.15.22	1. Neil N. Yorkfello	7/15/22 1022	2. Neil N. Yorkfello	7/15/22 1530		
I.B	7.15.22 1530	3. I.B	7.15.22 1944				
		4.		Samples Received in LAB by [signature]	7/15/22 1944	Temperature 1.3 Degrees C	

Hampton-Clarke Report Of Analysis

Client: York Analytical Laboratories, Inc
HC Project #: 2072039
Project: 22G0719

Sample ID: MW-7I
Lab#: AD32168-001
Matrix: Aqueous
Collection Date: 7/14/2022
Receipt Date: 7/19/2022

Gases (Methane/Ethane/Ethene)

Analyte	DF	Units	RL	Result
Ethane	1	ug/l	4.0	ND
Ethylene	1	ug/l	4.0	ND
Methane	1	ug/l	2.0	ND

Sample ID: MW-7S
Lab#: AD32168-002
Matrix: Aqueous

Collection Date: 7/14/2022
Receipt Date: 7/19/2022

Gases (Methane/Ethane/Ethene)

Analyte	DF	Units	RL	Result
Ethane	1	ug/l	4.0	ND
Ethylene	1	ug/l	4.0	ND
Methane	**1**	**ug/l**	**2.0**	**5.1**

Sample ID: MW-8I
Lab#: AD32168-003
Matrix: Aqueous

Collection Date: 7/14/2022
Receipt Date: 7/19/2022

Gases (Methane/Ethane/Ethene)

Analyte	DF	Units	RL	Result
Ethane	1	ug/l	4.0	ND
Ethylene	1	ug/l	4.0	ND
Methane	1	ug/l	2.0	ND

Sample ID: MW-8S
Lab#: AD32168-004
Matrix: Aqueous

Collection Date: 7/14/2022
Receipt Date: 7/19/2022

Gases (Methane/Ethane/Ethene)

Analyte	DF	Units	RL	Result
Ethane	1	ug/l	4.0	ND
Ethylene	1	ug/l	4.0	ND
Methane	1	ug/l	2.0	ND

Sample ID: MW-9I
Lab#: AD32168-005
Matrix: Aqueous

Collection Date: 7/14/2022
Receipt Date: 7/19/2022

Gases (Methane/Ethane/Ethene)

Analyte	DF	Units	RL	Result
Ethane	1	ug/l	4.0	ND
Ethylene	1	ug/l	4.0	ND
Methane	1	ug/l	2.0	ND

Sample ID: MW-9S
Lab#: AD32168-006
Matrix: Aqueous

Collection Date: 7/14/2022
Receipt Date: 7/19/2022

Gases (Methane/Ethane/Ethene)

Analyte	DF	Units	RL	Result
Ethane	1	ug/l	4.0	ND
Ethylene	1	ug/l	4.0	ND
Methane	**1**	**ug/l**	**2.0**	**7.0**

Sample ID: MW-10
Lab#: AD32168-007
Matrix: Aqueous

Collection Date: 7/14/2022
Receipt Date: 7/19/2022

Gases (Methane/Ethane/Ethene)

Analyte	DF	Units	RL	Result
Ethane	1	ug/l	4.0	ND
Ethylene	1	ug/l	4.0	ND
Methane	**1**	**ug/l**	**2.0**	**3.8**

2072039

YORK
Analytical Laboratories, Inc.

7/15/2022

SUBCONTRACT Notification, Purchase Order and Chain-of-Custody
York Project No.: 22G0719

This information is being sent to inform you that York intends to subcontract certain samples to another licensed laboratory for specific parameters that we cannot perform in-house. The specific paramters that will be subcontracted are detailed below. Do not contact the subcontract laboratory directly. Please contact the YORK project manager for further information.

Note: E-mail lab reports to: York_Lab_Report@yorklab.com **Mail/Fax Hard Copies to: York Analytical at the address below**

SENDING LABORATORY:

York Analytical Laboratories, Inc.
120 Research Drive
Stratford, CT 06615
Phone: 203.325.1371
Fax: 203.357.0166
Contact: **York Analytical**

AD32168

RECEIVING LABORATORY:

Hampton-Clarke Veritech (SUB)
175 Route 46 West
Fairfield, NJ 07004
Phone :(973) 244-9770
Fax: -

York Ref: 22G0719-07

Sample ID: MW-7I -001 **Matrix: Water** **Date Sampled : 07/14/2022 13:25**

Analysis Needed	Date Due	Holding Time Expires	Comments
Methane, Ethane & Ethylene	**07/22/2022 16:30**	**07/28/2022 13:25**	

Containers Supplied:
00_40mL Clear Vial (pre-pres.) HCl; Cool to 4° C 00_40mL Clear Vial (pre-pres.) HCl; Cool to 4° C 00_40mL Clear Vial (pre-pres.) HCl; Cool to 4° C

York Ref: 22G0719-08

Sample ID: MW-7S -002 **Matrix: Water** **Date Sampled : 07/14/2022 12:45**

Analysis Needed	Date Due	Holding Time Expires	Comments
Methane, Ethane & Ethylene	**07/22/2022 16:30**	**07/28/2022 12:45**	

Containers Supplied:
00_40mL Clear Vial (pre-pres.) HCl; Cool to 4° C 00_40mL Clear Vial (pre-pres.) HCl; Cool to 4° C 00_40mL Clear Vial (pre-pres.) HCl; Cool to 4° C

York Purchase Order No.:

Samples from State of: **NY**

Deliverables required:

Data Pkg DUE:

EDDs required:

Special Info:

Reporting level: MDL/LOD

Chain-of-Custody Information

Jack Storm	7/15/2022	Mark N York Labs 7/19/22 922 AM	
Released By York Sample Control	Date	Received By	Date
		7/19/22	14:20
Received By	Date	Received in Subcontract Lab By	Date

3.5

2072039

YORK
Analytical Laboratories, Inc.

7/15/2022

SUBCONTRACT Notification, Purchase Order and Chain-of-Custody
York Project No.: 22G0719

This information is being sent to inform you that York intends to subcontract certain samples to another licensed laboratory for specific parameters that we cannot perform in-house. The specific paramters that will be subcontracted are detailed below. Do not contact the subcontract laboratory directly. Please contact the YORK project manager for further information.

Note: E-mail lab reports to: York_Lab_Report@yorklab.com **Mail/Fax Hard Copies to: York Analytical at the address below**

AD32168

York Ref: 22G0719-09

Sample ID: MW-8I -003 **Matrix: Water** **Date Sampled : 07/14/2022 11:05**

Analysis Needed	Date Due	Holding Time Expires	Comments
Methane, Ethane & Ethylene	07/22/2022 16:30	07/28/2022 11:05	

Containers Supplied:

00_40mL Clear Vial (pre-pres.) HCl; Cool to 4° C 00_40mL Clear Vial (pre-pres.) HCl; Cool to 4° C 00_40mL Clear Vial (pre-pres.) HCl; Cool to 4° C

York Ref: 22G0719-10

Sample ID: MW-8S -004 **Matrix: Water** **Date Sampled : 07/14/2022 11:50**

Analysis Needed	Date Due	Holding Time Expires	Comments
Methane, Ethane & Ethylene	07/22/2022 16:30	07/28/2022 11:50	

Containers Supplied:

00_40mL Clear Vial (pre-pres.) HCl; Cool to 4° C 00_40mL Clear Vial (pre-pres.) HCl; Cool to 4° C 00_40mL Clear Vial (pre-pres.) HCl; Cool to 4° C

York Ref: 22G0719-11

Sample ID: MW-9I -005 **Matrix: Water** **Date Sampled : 07/14/2022 14:45**

Analysis Needed	Date Due	Holding Time Expires	Comments
Methane, Ethane & Ethylene	07/22/2022 16:30	07/28/2022 14:45	

Containers Supplied:

00_40mL Clear Vial (pre-pres.) HCl; Cool to 4° C 00_40mL Clear Vial (pre-pres.) HCl; Cool to 4° C 00_40mL Clear Vial (pre-pres.) HCl; Cool to 4° C

York Purchase Order No.:

Samples from State of: **NY**

Deliverables required:

Data Pkg DUE:

EDDs required:

Special Info:

Reporting level: MDL/LOD

Chain-of-Custody Information

Jack Storm	7/15/2022	Neel N York Sales 7/19/22	9:32 AM
Released By York Sample Control	Date	Received By	Date
			7/19/22 14:20
Received By	Date	Received in Subcontract Lab By	Date

3.5

2072039

YORK
Analytical Laboratories, Inc.

7/15/2022

SUBCONTRACT Notification, Purchase Order and Chain-of-Custody
York Project No.: 22G0719

This information is being sent to inform you that York intends to subcontract certain samples to another licensed laboratory for specific parameters that we cannot perform in-house. The specific paramters that will be subcontracted are detailed below. Do not contact the subcontract laboratory directly. Please contact the YORK project manager for further information.

Note: E-mail lab reports to: York_Lab_Report@yorklab.com **Mail/Fax Hard Copies to: York Analytical at the address below**

AD32168

York Ref: 22G0719-12

Sample ID: MW-9S -006 **Matrix: Water** **Date Sampled : 07/14/2022 14:10**

Analysis Needed	Date Due	Holding Time Expires	Comments
Methane, Ethane & Ethylene	07/22/2022 16:30	07/28/2022 14:10	

Containers Supplied:

00_40mL Clear Vial (pre-pres.) HCl; Cool to 4° C 00_40mL Clear Vial (pre-pres.) HCl; Cool to 4° C 00_40mL Clear Vial (pre-pres.) HCl; Cool to 4° C

York Ref: 22G0719-13

Sample ID: MW-10 -007 **Matrix: Water** **Date Sampled : 07/14/2022 10:00**

Analysis Needed	Date Due	Holding Time Expires	Comments
Methane, Ethane & Ethylene	07/22/2022 16:30	07/28/2022 10:00	

Containers Supplied:

00_40mL Clear Vial (pre-pres.) HCl; Cool to 4° C 00_40mL Clear Vial (pre-pres.) HCl; Cool to 4° C 00_40mL Clear Vial (pre-pres.) HCl; Cool to 4° C

York Purchase Order No.: Samples from State of: **NY**

Deliverables required: **Data Pkg DUE:**

EDDs required: **Special Info:**

Reporting level: MDL/LOD

Chain-of-Custody Information

Jack Storm	7/15/2022	Neil H York Labs 7/19/22 9:28AM	
Released By York Sample Control	Date	Received By	Date 7/19/22 14:20
Received By	Date	Received in Subcontract Lab By	Date

3.5

Technical Report

prepared for:

Impact Environmental
170 Keyland Court
Bohemia NY, 11716
Attention: Greg Mendez-Chicas

Report Date: 11/01/2022
Client Project ID: 15209 - 13-16 Beach channel Drive
York Project (SDG) No.: 22J1090

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: 11/01/2022
Client Project ID: 15209 - 13-16 Beach channel Drive
York Project (SDG) No.: 22J1090

Impact Environmental
170 Keyland Court
Bohemia NY, 11716
Attention: Greg Mendez-Chicas

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 20, 2022 and listed below. The project was identified as your project: **15209 - 13-16 Beach channel Drive**.

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
22J1090-01	MW-10	Water	10/19/2022	10/20/2022
22J1090-02	MW-8S	Water	10/19/2022	10/20/2022
22J1090-03	MW-7I	Water	10/19/2022	10/20/2022
22J1090-04	MW-1	Water	10/19/2022	10/20/2022

General Notes for York Project (SDG) No.: 22J1090

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:** 11/01/2022

Cassie L. Mosher
Laboratory Manager

Sample Information

Client Sample ID: **MW-10** **York Sample ID:** **22J1090-01**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22J1090	15209 - 13-16 Beach channel Drive	Water	October 19, 2022 12:30 pm	10/20/2022

Analyzed by: Phoenix Environmental Labs, Inc.

SM5310B-14

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

Sample Prepared by Method: SM5310B-14

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
PHNX - TOC	**Total Organic Carbon**	**1.8**		mg/L	1.0	1.0	1	SM5310B-14	10/24/2022 15:00	10/24/2022 15:00	CT007
								Certifications:			

VOA, 8260 LOW MASTER

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

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/L	0.200	0.500	1	EPA 8260C	10/24/2022 06:31	10/24/2022 19:48	JTG
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
71-55-6	1,1,1-Trichloroethane	ND		ug/L	0.200	0.500	1	EPA 8260C	10/24/2022 06:31	10/24/2022 19:48	JTG
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.200	0.500	1	EPA 8260C	10/24/2022 06:31	10/24/2022 19:48	JTG
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/L	0.200	0.500	1	EPA 8260C	10/24/2022 06:31	10/24/2022 19:48	JTG
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.200	0.500	1	EPA 8260C	10/24/2022 06:31	10/24/2022 19:48	JTG
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
75-34-3	1,1-Dichloroethane	ND		ug/L	0.200	0.500	1	EPA 8260C	10/24/2022 06:31	10/24/2022 19:48	JTG
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.200	0.500	1	EPA 8260C	10/24/2022 06:31	10/24/2022 19:48	JTG
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	0.200	0.500	1	EPA 8260C	10/24/2022 06:31	10/24/2022 19:48	JTG
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
96-18-4	1,2,3-Trichloropropane	ND		ug/L	0.200	0.500	1	EPA 8260C	10/24/2022 06:31	10/24/2022 19:48	JTG
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.200	0.500	1	EPA 8260C	10/24/2022 06:31	10/24/2022 19:48	JTG
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	0.200	0.500	1	EPA 8260C	10/24/2022 06:31	10/24/2022 19:48	JTG
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.200	0.500	1	EPA 8260C	10/24/2022 06:31	10/24/2022 19:48	JTG
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
106-93-4	1,2-Dibromoethane	ND		ug/L	0.200	0.500	1	EPA 8260C	10/24/2022 06:31	10/24/2022 19:48	JTG
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.200	0.500	1	EPA 8260C	10/24/2022 06:31	10/24/2022 19:48	JTG
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
107-06-2	1,2-Dichloroethane	ND		ug/L	0.200	0.500	1	EPA 8260C	10/24/2022 06:31	10/24/2022 19:48	JTG
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
78-87-5	1,2-Dichloropropane	ND		ug/L	0.200	0.500	1	EPA 8260C	10/24/2022 06:31	10/24/2022 19:48	JTG
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	0.200	0.500	1	EPA 8260C	10/24/2022 06:31	10/24/2022 19:48	JTG
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		

Sample Information

Client Sample ID: **MW-10** **York Sample ID:** **22J1090-01**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22J1090	15209 - 13-16 Beach channel Drive	Water	October 19, 2022 12:30 pm	10/20/2022

VOA, 8260 LOW MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	10/24/2022 06:31	10/24/2022 19:48	JTG CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
142-28-9	1,3-Dichloropropane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	10/24/2022 06:31	10/24/2022 19:48	JTG NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	10/24/2022 06:31	10/24/2022 19:48	JTG CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
123-91-1	1,4-Dioxane	ND		ug/L	40.0	80.0	1	EPA 8260C Certifications:	10/24/2022 06:31	10/24/2022 19:48	JTG NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
78-93-3	2-Butanone	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	10/24/2022 06:31	10/24/2022 19:48	JTG CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
591-78-6	2-Hexanone	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	10/24/2022 06:31	10/24/2022 19:48	JTG CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
108-10-1	4-Methyl-2-pentanone	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	10/24/2022 06:31	10/24/2022 19:48	JTG CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
67-64-1	**Acetone**	**1.85**	ICVE, QL-02, J	ug/L	1.00	2.00	1	EPA 8260C Certifications:	10/24/2022 06:31	10/24/2022 19:48	JTG CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PA
107-02-8	Acrolein	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	10/24/2022 06:31	10/24/2022 19:48	JTG CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
107-13-1	Acrylonitrile	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	10/24/2022 06:31	10/24/2022 19:48	JTG CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
71-43-2	Benzene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	10/24/2022 06:31	10/24/2022 19:48	JTG CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
74-97-5	Bromochloromethane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	10/24/2022 06:31	10/24/2022 19:48	JTG NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
75-27-4	Bromodichloromethane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	10/24/2022 06:31	10/24/2022 19:48	JTG CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
75-25-2	Bromoform	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	10/24/2022 06:31	10/24/2022 19:48	JTG CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
74-83-9	Bromomethane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	10/24/2022 06:31	10/24/2022 19:48	JTG CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
75-15-0	Carbon disulfide	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	10/24/2022 06:31	10/24/2022 19:48	JTG CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
56-23-5	Carbon tetrachloride	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	10/24/2022 06:31	10/24/2022 19:48	JTG CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
108-90-7	Chlorobenzene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	10/24/2022 06:31	10/24/2022 19:48	JTG CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
75-00-3	Chloroethane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	10/24/2022 06:31	10/24/2022 19:48	JTG CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
67-66-3	**Chloroform**	**6.49**	B	ug/L	0.200	0.500	1	EPA 8260C Certifications:	10/24/2022 06:31	10/24/2022 19:48	JTG CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PA
74-87-3	**Chloromethane**	**0.520**		ug/L	0.200	0.500	1	EPA 8260C Certifications:	10/24/2022 06:31	10/24/2022 19:48	JTG CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PA
156-59-2	cis-1,2-Dichloroethylene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	10/24/2022 06:31	10/24/2022 19:48	JTG CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	10/24/2022 06:31	10/24/2022 19:48	JTG CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI

Sample Information

Client Sample ID: **MW-10** **York Sample ID:** **22J1090-01**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22J1090	15209 - 13-16 Beach channel Drive	Water	October 19, 2022 12:30 pm	10/20/2022

VOA, 8260 LOW MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
110-82-7	Cyclohexane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	10/24/2022 06:31 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/24/2022 19:48	JTG
124-48-1	Dibromochloromethane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	10/24/2022 06:31 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	10/24/2022 19:48	JTG
74-95-3	Dibromomethane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	10/24/2022 06:31 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/24/2022 19:48	JTG
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	10/24/2022 06:31 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/24/2022 19:48	JTG
100-41-4	Ethyl Benzene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	10/24/2022 06:31 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	10/24/2022 19:48	JTG
87-68-3	Hexachlorobutadiene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	10/24/2022 06:31 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/24/2022 19:48	JTG
98-82-8	Isopropylbenzene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	10/24/2022 06:31 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	10/24/2022 19:48	JTG
79-20-9	Methyl acetate	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	10/24/2022 06:31 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/24/2022 19:48	JTG
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	10/24/2022 06:31 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	10/24/2022 19:48	JTG
108-87-2	Methylcyclohexane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	10/24/2022 06:31 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/24/2022 19:48	JTG
75-09-2	Methylene chloride	ND		ug/L	1.00	2.00	1	EPA 8260C Certifications:	10/24/2022 06:31 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	10/24/2022 19:48	JTG
91-20-3	Naphthalene	ND		ug/L	1.00	2.00	1	EPA 8260C Certifications:	10/24/2022 06:31 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/24/2022 19:48	JTG
104-51-8	n-Butylbenzene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	10/24/2022 06:31 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	10/24/2022 19:48	JTG
103-65-1	n-Propylbenzene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	10/24/2022 06:31 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	10/24/2022 19:48	JTG
95-47-6	o-Xylene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	10/24/2022 06:31 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP	10/24/2022 19:48	JTG
179601-23-1	p- & m- Xylenes	ND		ug/L	0.500	1.00	1	EPA 8260C Certifications:	10/24/2022 06:31 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP	10/24/2022 19:48	JTG
105-05-5	* p-Diethylbenzene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	10/24/2022 06:31	10/24/2022 19:48	JTG
622-96-8	* p-Ethyltoluene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	10/24/2022 06:31	10/24/2022 19:48	JTG
99-87-6	p-Isopropyltoluene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	10/24/2022 06:31 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	10/24/2022 19:48	JTG
135-98-8	sec-Butylbenzene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	10/24/2022 06:31 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	10/24/2022 19:48	JTG
100-42-5	Styrene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	10/24/2022 06:31 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	10/24/2022 19:48	JTG
75-65-0	**tert-Butyl alcohol (TBA)**	**0.850**	ICVE, J	ug/L	0.500	1.00	1	EPA 8260C Certifications:	10/24/2022 06:31 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/24/2022 19:48	JTG
98-06-6	tert-Butylbenzene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	10/24/2022 06:31 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	10/24/2022 19:48	JTG

Sample Information

Client Sample ID: **MW-10** **York Sample ID:** **22J1090-01**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22J1090	15209 - 13-16 Beach channel Drive	Water	October 19, 2022 12:30 pm	10/20/2022

VOA, 8260 LOW MASTER

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

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
127-18-4	**Tetrachloroethylene**	**12.1**		ug/L	0.200	0.500	1	EPA 8260C	10/24/2022 06:31	10/24/2022 19:48	JTG
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PA		
108-88-3	Toluene	ND		ug/L	0.200	0.500	1	EPA 8260C	10/24/2022 06:31	10/24/2022 19:48	JTG
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.200	0.500	1	EPA 8260C	10/24/2022 06:31	10/24/2022 19:48	JTG
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.200	0.500	1	EPA 8260C	10/24/2022 06:31	10/24/2022 19:48	JTG
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
79-01-6	Trichloroethylene	ND		ug/L	0.200	0.500	1	EPA 8260C	10/24/2022 06:31	10/24/2022 19:48	JTG
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
75-69-4	Trichlorofluoromethane	ND		ug/L	0.200	0.500	1	EPA 8260C	10/24/2022 06:31	10/24/2022 19:48	JTG
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
75-01-4	Vinyl Chloride	ND		ug/L	0.200	0.500	1	EPA 8260C	10/24/2022 06:31	10/24/2022 19:48	JTG
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
1330-20-7	Xylenes, Total	ND		ug/L	0.600	1.50	1	EPA 8260C	10/24/2022 06:31	10/24/2022 19:48	JTG
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP		

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: SURR: 1,2-Dichloroethane-d4*	*121 %*	*69-130*
2037-26-5	*Surrogate: SURR: Toluene-d8*	*97.3 %*	*81-117*
460-00-4	*Surrogate: SURR: p-Bromofluorobenzene*	*111 %*	*79-122*

Methane, Ethane & Ethylene

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

Sample Prepared by Method: Preparation for GC Analysis

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
74-82-8	* Methane	ND		ug/L	10	1	GC/Headspace	10/29/2022 11:22	10/29/2022 12:05	SK
							Certifications:			
74-84-0	* Ethane	ND		ug/L	10	1	GC/Headspace	10/29/2022 11:22	10/29/2022 12:05	SK
							Certifications:			
74-85-1	* Ethylene (Ethene)	ND		ug/L	10	1	GC/Headspace	10/29/2022 11:22	10/29/2022 12:05	SK
							Certifications:			

Iron by EPA 6010

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

Sample Prepared by Method: EPA 3015A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-89-6	**Iron**	**0.325**		mg/L	0.278	1	EPA 6010D	10/27/2022 09:33	10/28/2022 12:34	AJL
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		

Iron, Dissolved by EPA 6010

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

Sample Information

Client Sample ID: MW-10 **York Sample ID:** 22J1090-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22J1090	15209 - 13-16 Beach channel Drive	Water	October 19, 2022 12:30 pm	10/20/2022

Sample Prepared by Method: EPA 3015A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-89-6	Iron	ND		mg/L	0.278	1	EPA 6010D	10/24/2022 09:16	10/25/2022 11:24	AJL
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		

Nitrate as N **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 300

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
14797-55-8	**Nitrate as N**	**2.28**		mg/L	0.0500	1	EPA 300.0	10/21/2022 01:01	10/21/2022 01:01	NJO
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP,PADEP		

Sulfate as SO4 **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 300

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
14808-79-8	**Sulfate**	**32.1**		mg/L	1.00	1	EPA 300.0	10/21/2022 01:01	10/21/2022 01:01	NJO
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP,PADEP		

Sulfide **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
18496-25-8	Sulfide	ND	CONT-01	mg/L	1.0	1	SM 4500-S F	10/26/2022 08:56	10/26/2022 14:02	AD
							Certifications:	CTDOH-PH-0723,NJDEP,NELAC-NY10854,PADEP		

Sample Information

Client Sample ID: MW-8S **York Sample ID:** 22J1090-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22J1090	15209 - 13-16 Beach channel Drive	Water	October 19, 2022 11:35 am	10/20/2022

Analyzed by: Phoenix Environmental Labs, Inc.

SM5310B-14 **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: SM5310B-14

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
PHNX - TOC	Total Organic Carbon	ND		mg/L	1.0	1.0	1	SM5310B-14	10/24/2022 15:44	10/24/2022 15:44	CT007
								Certifications:			

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

Sample Information

Client Sample ID: MW-8S

York Sample ID: 22J1090-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22J1090	15209 - 13-16 Beach channel Drive	Water	October 19, 2022 11:35 am	10/20/2022

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	0.200	0.500	1	EPA 8260C Certifications:	10/24/2022 06:31	10/24/2022 20:13 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	JTG
71-55-6	1,1,1-Trichloroethane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	10/24/2022 06:31	10/24/2022 20:13 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	JTG
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	10/24/2022 06:31	10/24/2022 20:13 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	JTG
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	10/24/2022 06:31	10/24/2022 20:13 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	JTG
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	10/24/2022 06:31	10/24/2022 20:13 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	JTG
75-34-3	1,1-Dichloroethane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	10/24/2022 06:31	10/24/2022 20:13 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	JTG
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	10/24/2022 06:31	10/24/2022 20:13 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	JTG
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	10/24/2022 06:31	10/24/2022 20:13 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	JTG
96-18-4	1,2,3-Trichloropropane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	10/24/2022 06:31	10/24/2022 20:13 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	JTG
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	10/24/2022 06:31	10/24/2022 20:13 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	JTG
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	10/24/2022 06:31	10/24/2022 20:13 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	JTG
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	10/24/2022 06:31	10/24/2022 20:13 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	JTG
106-93-4	1,2-Dibromoethane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	10/24/2022 06:31	10/24/2022 20:13 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	JTG
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	10/24/2022 06:31	10/24/2022 20:13 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	JTG
107-06-2	1,2-Dichloroethane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	10/24/2022 06:31	10/24/2022 20:13 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	JTG
78-87-5	1,2-Dichloropropane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	10/24/2022 06:31	10/24/2022 20:13 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	JTG
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	10/24/2022 06:31	10/24/2022 20:13 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	JTG
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	10/24/2022 06:31	10/24/2022 20:13 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	JTG
142-28-9	1,3-Dichloropropane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	10/24/2022 06:31	10/24/2022 20:13 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	JTG
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	10/24/2022 06:31	10/24/2022 20:13 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	JTG
123-91-1	1,4-Dioxane	ND		ug/L	40.0	80.0	1	EPA 8260C Certifications:	10/24/2022 06:31	10/24/2022 20:13 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	JTG
78-93-3	2-Butanone	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	10/24/2022 06:31	10/24/2022 20:13 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	JTG
591-78-6	2-Hexanone	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	10/24/2022 06:31	10/24/2022 20:13 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	JTG
108-10-1	4-Methyl-2-pentanone	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	10/24/2022 06:31	10/24/2022 20:13 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	JTG

Sample Information

Client Sample ID: **MW-8S** **York Sample ID:** **22J1090-02**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22J1090	15209 - 13-16 Beach channel Drive	Water	October 19, 2022 11:35 am	10/20/2022

VOA, 8260 LOW MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
67-64-1	**Acetone**	**1.29**	ICVE, QL-02, J	ug/L	1.00	2.00	1	EPA 8260C	10/24/2022 06:31	10/24/2022 20:13	JTG
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PA		
107-02-8	Acrolein	ND		ug/L	0.200	0.500	1	EPA 8260C	10/24/2022 06:31	10/24/2022 20:13	JTG
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
107-13-1	Acrylonitrile	ND		ug/L	0.200	0.500	1	EPA 8260C	10/24/2022 06:31	10/24/2022 20:13	JTG
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
71-43-2	Benzene	ND		ug/L	0.200	0.500	1	EPA 8260C	10/24/2022 06:31	10/24/2022 20:13	JTG
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
74-97-5	Bromochloromethane	ND		ug/L	0.200	0.500	1	EPA 8260C	10/24/2022 06:31	10/24/2022 20:13	JTG
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-27-4	Bromodichloromethane	ND		ug/L	0.200	0.500	1	EPA 8260C	10/24/2022 06:31	10/24/2022 20:13	JTG
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
75-25-2	Bromoform	ND		ug/L	0.200	0.500	1	EPA 8260C	10/24/2022 06:31	10/24/2022 20:13	JTG
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
74-83-9	Bromomethane	ND		ug/L	0.200	0.500	1	EPA 8260C	10/24/2022 06:31	10/24/2022 20:13	JTG
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
75-15-0	Carbon disulfide	ND		ug/L	0.200	0.500	1	EPA 8260C	10/24/2022 06:31	10/24/2022 20:13	JTG
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
56-23-5	Carbon tetrachloride	ND		ug/L	0.200	0.500	1	EPA 8260C	10/24/2022 06:31	10/24/2022 20:13	JTG
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
108-90-7	Chlorobenzene	ND		ug/L	0.200	0.500	1	EPA 8260C	10/24/2022 06:31	10/24/2022 20:13	JTG
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
75-00-3	Chloroethane	ND		ug/L	0.200	0.500	1	EPA 8260C	10/24/2022 06:31	10/24/2022 20:13	JTG
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
67-66-3	Chloroform	ND		ug/L	0.200	0.500	1	EPA 8260C	10/24/2022 06:31	10/24/2022 20:13	JTG
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
74-87-3	**Chloromethane**	**0.270**	J	ug/L	0.200	0.500	1	EPA 8260C	10/24/2022 06:31	10/24/2022 20:13	JTG
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PA		
156-59-2	cis-1,2-Dichloroethylene	ND		ug/L	0.200	0.500	1	EPA 8260C	10/24/2022 06:31	10/24/2022 20:13	JTG
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.200	0.500	1	EPA 8260C	10/24/2022 06:31	10/24/2022 20:13	JTG
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
110-82-7	Cyclohexane	ND		ug/L	0.200	0.500	1	EPA 8260C	10/24/2022 06:31	10/24/2022 20:13	JTG
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
124-48-1	Dibromochloromethane	ND		ug/L	0.200	0.500	1	EPA 8260C	10/24/2022 06:31	10/24/2022 20:13	JTG
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
74-95-3	Dibromomethane	ND		ug/L	0.200	0.500	1	EPA 8260C	10/24/2022 06:31	10/24/2022 20:13	JTG
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.200	0.500	1	EPA 8260C	10/24/2022 06:31	10/24/2022 20:13	JTG
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
100-41-4	Ethyl Benzene	ND		ug/L	0.200	0.500	1	EPA 8260C	10/24/2022 06:31	10/24/2022 20:13	JTG
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
87-68-3	Hexachlorobutadiene	ND		ug/L	0.200	0.500	1	EPA 8260C	10/24/2022 06:31	10/24/2022 20:13	JTG
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
98-82-8	Isopropylbenzene	ND		ug/L	0.200	0.500	1	EPA 8260C	10/24/2022 06:31	10/24/2022 20:13	JTG
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		

Sample Information

Client Sample ID: **MW-8S** **York Sample ID:** **22J1090-02**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22J1090	15209 - 13-16 Beach channel Drive	Water	October 19, 2022 11:35 am	10/20/2022

VOA, 8260 LOW MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
79-20-9	Methyl acetate	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	10/24/2022 06:31 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/24/2022 20:13	JTG
1634-04-4	**Methyl tert-butyl ether (MTBE)**	**0.270**	J	ug/L	0.200	0.500	1	EPA 8260C Certifications:	10/24/2022 06:31 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PA	10/24/2022 20:13	JTG
108-87-2	Methylcyclohexane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	10/24/2022 06:31 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/24/2022 20:13	JTG
75-09-2	Methylene chloride	ND		ug/L	1.00	2.00	1	EPA 8260C Certifications:	10/24/2022 06:31 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	10/24/2022 20:13	JTG
91-20-3	Naphthalene	ND		ug/L	1.00	2.00	1	EPA 8260C Certifications:	10/24/2022 06:31 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/24/2022 20:13	JTG
104-51-8	n-Butylbenzene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	10/24/2022 06:31 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	10/24/2022 20:13	JTG
103-65-1	n-Propylbenzene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	10/24/2022 06:31 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	10/24/2022 20:13	JTG
95-47-6	o-Xylene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	10/24/2022 06:31 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP	10/24/2022 20:13	JTG
179601-23-1	p- & m- Xylenes	ND		ug/L	0.500	1.00	1	EPA 8260C Certifications:	10/24/2022 06:31 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP	10/24/2022 20:13	JTG
105-05-5	* p-Diethylbenzene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	10/24/2022 06:31	10/24/2022 20:13	JTG
622-96-8	* p-Ethyltoluene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	10/24/2022 06:31	10/24/2022 20:13	JTG
99-87-6	p-Isopropyltoluene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	10/24/2022 06:31 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	10/24/2022 20:13	JTG
135-98-8	sec-Butylbenzene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	10/24/2022 06:31 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	10/24/2022 20:13	JTG
100-42-5	Styrene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	10/24/2022 06:31 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	10/24/2022 20:13	JTG
75-65-0	tert-Butyl alcohol (TBA)	ND		ug/L	0.500	1.00	1	EPA 8260C Certifications:	10/24/2022 06:31 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/24/2022 20:13	JTG
98-06-6	tert-Butylbenzene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	10/24/2022 06:31 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	10/24/2022 20:13	JTG
127-18-4	**Tetrachloroethylene**	**0.900**		ug/L	0.200	0.500	1	EPA 8260C Certifications:	10/24/2022 06:31 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PA	10/24/2022 20:13	JTG
108-88-3	Toluene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	10/24/2022 06:31 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	10/24/2022 20:13	JTG
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	10/24/2022 06:31 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	10/24/2022 20:13	JTG
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	10/24/2022 06:31 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	10/24/2022 20:13	JTG
79-01-6	Trichloroethylene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	10/24/2022 06:31 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	10/24/2022 20:13	JTG
75-69-4	Trichlorofluoromethane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	10/24/2022 06:31 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	10/24/2022 20:13	JTG
75-01-4	Vinyl Chloride	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	10/24/2022 06:31 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	10/24/2022 20:13	JTG

Sample Information

Client Sample ID: **MW-8S** **York Sample ID:** **22J1090-02**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22J1090	15209 - 13-16 Beach channel Drive	Water	October 19, 2022 11:35 am	10/20/2022

VOA, 8260 LOW MASTER

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

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
1330-20-7	Xylenes, Total	ND		ug/L	0.600	1.50	1	EPA 8260C Certifications:	10/24/2022 06:31 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP	10/24/2022 20:13	JTG

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: SURR: 1,2-Dichloroethane-d4*	*117 %*	*69-130*
2037-26-5	*Surrogate: SURR: Toluene-d8*	*96.7 %*	*81-117*
460-00-4	*Surrogate: SURR: p-Bromofluorobenzene*	*103 %*	*79-122*

Methane, Ethane & Ethylene

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

Sample Prepared by Method: Preparation for GC Analysis

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
74-82-8	* Methane	ND		ug/L	10	1	GC/Headspace Certifications:	10/29/2022 11:22	10/29/2022 12:15	SK
74-84-0	* Ethane	ND		ug/L	10	1	GC/Headspace Certifications:	10/29/2022 11:22	10/29/2022 12:15	SK
74-85-1	* Ethylene (Ethene)	ND		ug/L	10	1	GC/Headspace Certifications:	10/29/2022 11:22	10/29/2022 12:15	SK

Iron by EPA 6010

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

Sample Prepared by Method: EPA 3015A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-89-6	**Iron**	**0.318**		mg/L	0.278	1	EPA 6010D Certifications:	10/27/2022 09:33 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	10/28/2022 12:37	AJL

Iron, Dissolved by EPA 6010

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

Sample Prepared by Method: EPA 3015A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-89-6	Iron	ND		mg/L	0.278	1	EPA 6010D Certifications:	10/24/2022 09:16 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	10/25/2022 11:32	AJL

Nitrate as N

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

Sample Prepared by Method: EPA 300

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
14797-55-8	**Nitrate as N**	**2.84**		mg/L	0.0500	1	EPA 300.0 Certifications:	10/21/2022 00:41 NELAC-NY10854,CTDOH-PH-0723,NJDEP,PADEP	10/21/2022 00:41	NJO

Sulfate as SO4

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

Sample Information

Client Sample ID: MW-8S **York Sample ID:** 22J1090-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22J1090	15209 - 13-16 Beach channel Drive	Water	October 19, 2022 11:35 am	10/20/2022

Sample Prepared by Method: EPA 300

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
14808-79-8	**Sulfate**	**150**		mg/L	10.0	10	EPA 300.0	10/24/2022 21:05	10/24/2022 21:05	NJO
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP,PADEP		

Sulfide **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
18496-25-8	Sulfide	ND	CONT-01	mg/L	1.0	1	SM 4500-S F	10/26/2022 08:56	10/26/2022 14:02	AD
							Certifications:	CTDOH-PH-0723,NJDEP,NELAC-NY10854,PADEP		

Sample Information

Client Sample ID: MW-7I **York Sample ID:** 22J1090-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22J1090	15209 - 13-16 Beach channel Drive	Water	October 19, 2022 10:25 am	10/20/2022

Analyzed by: Phoenix Environmental Labs, Inc.

SM5310B-14 **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: SM5310B-14

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
PHNX - TOC	**Total Organic Carbon**	**8.9**		mg/L	5.0	5.0	5	SM5310B-14	10/24/2022 15:59	10/24/2022 15:59	CT007
								Certifications:			

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

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/L	0.200	0.500	1	EPA 8260C	10/24/2022 06:31	10/24/2022 20:38	JTG
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
71-55-6	1,1,1-Trichloroethane	ND		ug/L	0.200	0.500	1	EPA 8260C	10/24/2022 06:31	10/24/2022 20:38	JTG
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.200	0.500	1	EPA 8260C	10/24/2022 06:31	10/24/2022 20:38	JTG
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/L	0.200	0.500	1	EPA 8260C	10/24/2022 06:31	10/24/2022 20:38	JTG
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.200	0.500	1	EPA 8260C	10/24/2022 06:31	10/24/2022 20:38	JTG
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
75-34-3	1,1-Dichloroethane	ND		ug/L	0.200	0.500	1	EPA 8260C	10/24/2022 06:31	10/24/2022 20:38	JTG
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		

Sample Information

Client Sample ID: MW-7I

York Sample ID: 22J1090-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22J1090	15209 - 13-16 Beach channel Drive	Water	October 19, 2022 10:25 am	10/20/2022

VOA, 8260 LOW MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	10/24/2022 06:31	10/24/2022 20:38 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	JTG
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	10/24/2022 06:31	10/24/2022 20:38 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	JTG
96-18-4	1,2,3-Trichloropropane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	10/24/2022 06:31	10/24/2022 20:38 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	JTG
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	10/24/2022 06:31	10/24/2022 20:38 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	JTG
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	10/24/2022 06:31	10/24/2022 20:38 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	JTG
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	10/24/2022 06:31	10/24/2022 20:38 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	JTG
106-93-4	1,2-Dibromoethane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	10/24/2022 06:31	10/24/2022 20:38 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	JTG
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	10/24/2022 06:31	10/24/2022 20:38 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	JTG
107-06-2	1,2-Dichloroethane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	10/24/2022 06:31	10/24/2022 20:38 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	JTG
78-87-5	1,2-Dichloropropane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	10/24/2022 06:31	10/24/2022 20:38 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	JTG
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	10/24/2022 06:31	10/24/2022 20:38 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	JTG
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	10/24/2022 06:31	10/24/2022 20:38 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	JTG
142-28-9	1,3-Dichloropropane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	10/24/2022 06:31	10/24/2022 20:38 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	JTG
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	10/24/2022 06:31	10/24/2022 20:38 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	JTG
123-91-1	1,4-Dioxane	ND		ug/L	40.0	80.0	1	EPA 8260C Certifications:	10/24/2022 06:31	10/24/2022 20:38 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	JTG
78-93-3	**2-Butanone**	**1.74**		ug/L	0.200	0.500	1	EPA 8260C Certifications:	10/24/2022 06:31	10/24/2022 20:38 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PA	JTG
591-78-6	2-Hexanone	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	10/24/2022 06:31	10/24/2022 20:38 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	JTG
108-10-1	4-Methyl-2-pentanone	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	10/24/2022 06:31	10/24/2022 20:38 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	JTG
67-64-1	**Acetone**	**8.47**	ICVE, QL-02	ug/L	1.00	2.00	1	EPA 8260C Certifications:	10/24/2022 06:31	10/24/2022 20:38 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PA	JTG
107-02-8	Acrolein	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	10/24/2022 06:31	10/24/2022 20:38 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	JTG
107-13-1	Acrylonitrile	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	10/24/2022 06:31	10/24/2022 20:38 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	JTG
71-43-2	**Benzene**	**0.870**		ug/L	0.200	0.500	1	EPA 8260C Certifications:	10/24/2022 06:31	10/24/2022 20:38 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PA	JTG
74-97-5	Bromochloromethane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	10/24/2022 06:31	10/24/2022 20:38 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	JTG

Sample Information

Client Sample ID: MW-7I

York Sample ID: 22J1090-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22J1090	15209 - 13-16 Beach channel Drive	Water	October 19, 2022 10:25 am	10/20/2022

VOA, 8260 LOW MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
75-27-4	Bromodichloromethane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	10/24/2022 06:31 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	10/24/2022 20:38	JTG
75-25-2	Bromoform	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	10/24/2022 06:31 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	10/24/2022 20:38	JTG
74-83-9	Bromomethane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	10/24/2022 06:31 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	10/24/2022 20:38	JTG
75-15-0	**Carbon disulfide**	**0.730**		ug/L	0.200	0.500	1	EPA 8260C Certifications:	10/24/2022 06:31 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PA	10/24/2022 20:38	JTG
56-23-5	Carbon tetrachloride	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	10/24/2022 06:31 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	10/24/2022 20:38	JTG
108-90-7	Chlorobenzene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	10/24/2022 06:31 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	10/24/2022 20:38	JTG
75-00-3	**Chloroethane**	**0.440**	J	ug/L	0.200	0.500	1	EPA 8260C Certifications:	10/24/2022 06:31 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PA	10/24/2022 20:38	JTG
67-66-3	**Chloroform**	**1.03**	B	ug/L	0.200	0.500	1	EPA 8260C Certifications:	10/24/2022 06:31 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PA	10/24/2022 20:38	JTG
74-87-3	**Chloromethane**	**2.48**		ug/L	0.200	0.500	1	EPA 8260C Certifications:	10/24/2022 06:31 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PA	10/24/2022 20:38	JTG
156-59-2	**cis-1,2-Dichloroethylene**	**1.13**		ug/L	0.200	0.500	1	EPA 8260C Certifications:	10/24/2022 06:31 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PA	10/24/2022 20:38	JTG
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	10/24/2022 06:31 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	10/24/2022 20:38	JTG
110-82-7	Cyclohexane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	10/24/2022 06:31 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/24/2022 20:38	JTG
124-48-1	Dibromochloromethane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	10/24/2022 06:31 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	10/24/2022 20:38	JTG
74-95-3	Dibromomethane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	10/24/2022 06:31 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/24/2022 20:38	JTG
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	10/24/2022 06:31 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/24/2022 20:38	JTG
100-41-4	Ethyl Benzene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	10/24/2022 06:31 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	10/24/2022 20:38	JTG
87-68-3	Hexachlorobutadiene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	10/24/2022 06:31 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/24/2022 20:38	JTG
98-82-8	Isopropylbenzene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	10/24/2022 06:31 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	10/24/2022 20:38	JTG
79-20-9	Methyl acetate	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	10/24/2022 06:31 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/24/2022 20:38	JTG
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	10/24/2022 06:31 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	10/24/2022 20:38	JTG
108-87-2	Methylcyclohexane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	10/24/2022 06:31 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/24/2022 20:38	JTG
75-09-2	Methylene chloride	ND		ug/L	1.00	2.00	1	EPA 8260C Certifications:	10/24/2022 06:31 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	10/24/2022 20:38	JTG
91-20-3	Naphthalene	ND		ug/L	1.00	2.00	1	EPA 8260C Certifications:	10/24/2022 06:31 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/24/2022 20:38	JTG

Sample Information

Client Sample ID: MW-7I

York Sample ID: 22J1090-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22J1090	15209 - 13-16 Beach channel Drive	Water	October 19, 2022 10:25 am	10/20/2022

VOA, 8260 LOW MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
104-51-8	n-Butylbenzene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	10/24/2022 06:31 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	10/24/2022 20:38	JTG
103-65-1	n-Propylbenzene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	10/24/2022 06:31 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	10/24/2022 20:38	JTG
95-47-6	o-Xylene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	10/24/2022 06:31 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP	10/24/2022 20:38	JTG
179601-23-1	p- & m- Xylenes	ND		ug/L	0.500	1.00	1	EPA 8260C Certifications:	10/24/2022 06:31 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP	10/24/2022 20:38	JTG
105-05-5	* p-Diethylbenzene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	10/24/2022 06:31	10/24/2022 20:38	JTG
622-96-8	* p-Ethyltoluene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	10/24/2022 06:31	10/24/2022 20:38	JTG
99-87-6	**p-Isopropyltoluene**	**0.600**		ug/L	0.200	0.500	1	EPA 8260C Certifications:	10/24/2022 06:31 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PA	10/24/2022 20:38	JTG
135-98-8	sec-Butylbenzene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	10/24/2022 06:31 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	10/24/2022 20:38	JTG
100-42-5	Styrene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	10/24/2022 06:31 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	10/24/2022 20:38	JTG
75-65-0	**tert-Butyl alcohol (TBA)**	**3.86**	ICVE	ug/L	0.500	1.00	1	EPA 8260C Certifications:	10/24/2022 06:31 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/24/2022 20:38	JTG
98-06-6	tert-Butylbenzene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	10/24/2022 06:31 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	10/24/2022 20:38	JTG
127-18-4	**Tetrachloroethylene**	**5.22**		ug/L	0.200	0.500	1	EPA 8260C Certifications:	10/24/2022 06:31 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PA	10/24/2022 20:38	JTG
108-88-3	**Toluene**	**0.330**	J	ug/L	0.200	0.500	1	EPA 8260C Certifications:	10/24/2022 06:31 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PA	10/24/2022 20:38	JTG
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	10/24/2022 06:31 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	10/24/2022 20:38	JTG
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	10/24/2022 06:31 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	10/24/2022 20:38	JTG
79-01-6	**Trichloroethylene**	**0.310**	J	ug/L	0.200	0.500	1	EPA 8260C Certifications:	10/24/2022 06:31 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PA	10/24/2022 20:38	JTG
75-69-4	Trichlorofluoromethane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	10/24/2022 06:31 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	10/24/2022 20:38	JTG
75-01-4	**Vinyl Chloride**	**0.500**	CCVE	ug/L	0.200	0.500	1	EPA 8260C Certifications:	10/24/2022 06:31 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PA	10/24/2022 20:38	JTG
1330-20-7	Xylenes, Total	ND		ug/L	0.600	1.50	1	EPA 8260C Certifications:	10/24/2022 06:31 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP	10/24/2022 20:38	JTG

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: SURR: 1,2-Dichloroethane-d4*	*120 %*	*69-130*
2037-26-5	*Surrogate: SURR: Toluene-d8*	*97.5 %*	*81-117*
460-00-4	*Surrogate: SURR: p-Bromofluorobenzene*	*101 %*	*79-122*

Sample Information

Client Sample ID: MW-7I

York Sample ID: 22J1090-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22J1090	15209 - 13-16 Beach channel Drive	Water	October 19, 2022 10:25 am	10/20/2022

Methane, Ethane & Ethylene

Log-in Notes:

Sample Notes:

Sample Prepared by Method: Preparation for GC Analysis

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
74-82-8	* Methane	ND		ug/L	10	1	GC/Headspace Certifications:	10/29/2022 11:22	10/29/2022 12:24	SK
74-84-0	* Ethane	ND		ug/L	10	1	GC/Headspace Certifications:	10/29/2022 11:22	10/29/2022 12:24	SK
74-85-1	* Ethylene (Ethene)	ND		ug/L	10	1	GC/Headspace Certifications:	10/29/2022 11:22	10/29/2022 12:24	SK

Iron by EPA 6010

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3015A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-89-6	**Iron**	**6.90**		mg/L	0.278	1	EPA 6010D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	10/27/2022 09:33	10/28/2022 12:39	AJL

Iron, Dissolved by EPA 6010

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3015A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-89-6	Iron	ND		mg/L	0.278	1	EPA 6010D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	10/24/2022 09:16	10/25/2022 11:35	AJL

Nitrate as N

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 300

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
14797-55-8	**Nitrate as N**	**0.153**		mg/L	0.0500	1	EPA 300.0 Certifications: NELAC-NY10854,CTDOH-PH-0723,NJDEP,PADEP	10/20/2022 23:52	10/20/2022 23:52	NJO

Sulfate as SO4

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 300

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
14808-79-8	**Sulfate**	**21.0**		mg/L	1.00	1	EPA 300.0 Certifications: NELAC-NY10854,CTDOH-PH-0723,NJDEP,PADEP	10/20/2022 23:52	10/20/2022 23:52	NJO

Sulfide

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
18496-25-8	Sulfide	ND	CONT-01	mg/L	1.0	1	SM 4500-S F Certifications: CTDOH-PH-0723,NJDEP,NELAC-NY10854,PADEP	10/26/2022 08:56	10/26/2022 14:02	AD

Sample Information

Client Sample ID: MW-1 **York Sample ID:** 22J1090-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22J1090	15209 - 13-16 Beach channel Drive	Water	October 19, 2022 8:55 am	10/20/2022

Analyzed by: Phoenix Environmental Labs, Inc.

SM5310B-14

Log-in Notes:

Sample Notes:

Sample Prepared by Method: SM5310B-14

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
PHNX - TOC	Total Organic Carbon	ND		mg/L	1.0	1.0	1	SM5310B-14 Certifications:	10/24/2022 16:14	10/24/2022 16:14	CT007

VOA, 8260 LOW MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	10/24/2022 06:31	10/24/2022 21:03	JTG CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
71-55-6	1,1,1-Trichloroethane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	10/24/2022 06:31	10/24/2022 21:03	JTG CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	10/24/2022 06:31	10/24/2022 21:03	JTG CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	10/24/2022 06:31	10/24/2022 21:03	JTG CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	10/24/2022 06:31	10/24/2022 21:03	JTG CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
75-34-3	1,1-Dichloroethane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	10/24/2022 06:31	10/24/2022 21:03	JTG CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	10/24/2022 06:31	10/24/2022 21:03	JTG CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	10/24/2022 06:31	10/24/2022 21:03	JTG NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
96-18-4	1,2,3-Trichloropropane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	10/24/2022 06:31	10/24/2022 21:03	JTG NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	10/24/2022 06:31	10/24/2022 21:03	JTG NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	10/24/2022 06:31	10/24/2022 21:03	JTG CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	10/24/2022 06:31	10/24/2022 21:03	JTG CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
106-93-4	1,2-Dibromoethane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	10/24/2022 06:31	10/24/2022 21:03	JTG CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	10/24/2022 06:31	10/24/2022 21:03	JTG CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
107-06-2	1,2-Dichloroethane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	10/24/2022 06:31	10/24/2022 21:03	JTG CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
78-87-5	1,2-Dichloropropane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	10/24/2022 06:31	10/24/2022 21:03	JTG CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	10/24/2022 06:31	10/24/2022 21:03	JTG CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI

Sample Information

Client Sample ID: **MW-1** **York Sample ID:** **22J1090-04**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22J1090	15209 - 13-16 Beach channel Drive	Water	October 19, 2022 8:55 am	10/20/2022

VOA, 8260 LOW MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	10/24/2022 06:31	10/24/2022 21:03	JTG CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
142-28-9	1,3-Dichloropropane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	10/24/2022 06:31	10/24/2022 21:03	JTG NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	10/24/2022 06:31	10/24/2022 21:03	JTG CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
123-91-1	1,4-Dioxane	ND		ug/L	40.0	80.0	1	EPA 8260C Certifications:	10/24/2022 06:31	10/24/2022 21:03	JTG NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
78-93-3	2-Butanone	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	10/24/2022 06:31	10/24/2022 21:03	JTG CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
591-78-6	2-Hexanone	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	10/24/2022 06:31	10/24/2022 21:03	JTG CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
108-10-1	4-Methyl-2-pentanone	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	10/24/2022 06:31	10/24/2022 21:03	JTG CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
67-64-1	Acetone	ND		ug/L	1.00	2.00	1	EPA 8260C Certifications:	10/24/2022 06:31	10/24/2022 21:03	JTG CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
107-02-8	Acrolein	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	10/24/2022 06:31	10/24/2022 21:03	JTG CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
107-13-1	Acrylonitrile	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	10/24/2022 06:31	10/24/2022 21:03	JTG CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
71-43-2	Benzene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	10/24/2022 06:31	10/24/2022 21:03	JTG CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
74-97-5	Bromochloromethane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	10/24/2022 06:31	10/24/2022 21:03	JTG NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
75-27-4	Bromodichloromethane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	10/24/2022 06:31	10/24/2022 21:03	JTG CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
75-25-2	Bromoform	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	10/24/2022 06:31	10/24/2022 21:03	JTG CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
74-83-9	Bromomethane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	10/24/2022 06:31	10/24/2022 21:03	JTG CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
75-15-0	Carbon disulfide	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	10/24/2022 06:31	10/24/2022 21:03	JTG CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
56-23-5	Carbon tetrachloride	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	10/24/2022 06:31	10/24/2022 21:03	JTG CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
108-90-7	Chlorobenzene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	10/24/2022 06:31	10/24/2022 21:03	JTG CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
75-00-3	Chloroethane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	10/24/2022 06:31	10/24/2022 21:03	JTG CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
67-66-3	**Chloroform**	**0.730**	B	ug/L	0.200	0.500	1	EPA 8260C Certifications:	10/24/2022 06:31	10/24/2022 21:03	JTG CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PA
74-87-3	Chloromethane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	10/24/2022 06:31	10/24/2022 21:03	JTG CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
156-59-2	cis-1,2-Dichloroethylene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	10/24/2022 06:31	10/24/2022 21:03	JTG CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	10/24/2022 06:31	10/24/2022 21:03	JTG CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI

Sample Information

Client Sample ID: MW-1 **York Sample ID:** 22J1090-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22J1090	15209 - 13-16 Beach channel Drive	Water	October 19, 2022 8:55 am	10/20/2022

VOA, 8260 LOW MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
110-82-7	Cyclohexane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	10/24/2022 06:31 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/24/2022 21:03	JTG
124-48-1	Dibromochloromethane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	10/24/2022 06:31 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	10/24/2022 21:03	JTG
74-95-3	Dibromomethane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	10/24/2022 06:31 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/24/2022 21:03	JTG
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	10/24/2022 06:31 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/24/2022 21:03	JTG
100-41-4	Ethyl Benzene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	10/24/2022 06:31 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	10/24/2022 21:03	JTG
87-68-3	Hexachlorobutadiene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	10/24/2022 06:31 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/24/2022 21:03	JTG
98-82-8	Isopropylbenzene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	10/24/2022 06:31 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	10/24/2022 21:03	JTG
79-20-9	Methyl acetate	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	10/24/2022 06:31 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/24/2022 21:03	JTG
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	10/24/2022 06:31 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	10/24/2022 21:03	JTG
108-87-2	Methylcyclohexane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	10/24/2022 06:31 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/24/2022 21:03	JTG
75-09-2	Methylene chloride	ND		ug/L	1.00	2.00	1	EPA 8260C Certifications:	10/24/2022 06:31 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	10/24/2022 21:03	JTG
91-20-3	Naphthalene	ND		ug/L	1.00	2.00	1	EPA 8260C Certifications:	10/24/2022 06:31 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/24/2022 21:03	JTG
104-51-8	n-Butylbenzene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	10/24/2022 06:31 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	10/24/2022 21:03	JTG
103-65-1	n-Propylbenzene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	10/24/2022 06:31 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	10/24/2022 21:03	JTG
95-47-6	o-Xylene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	10/24/2022 06:31 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP	10/24/2022 21:03	JTG
179601-23-1	p- & m- Xylenes	ND		ug/L	0.500	1.00	1	EPA 8260C Certifications:	10/24/2022 06:31 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP	10/24/2022 21:03	JTG
105-05-5	* p-Diethylbenzene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	10/24/2022 06:31	10/24/2022 21:03	JTG
622-96-8	* p-Ethyltoluene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	10/24/2022 06:31	10/24/2022 21:03	JTG
99-87-6	p-Isopropyltoluene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	10/24/2022 06:31 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	10/24/2022 21:03	JTG
135-98-8	sec-Butylbenzene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	10/24/2022 06:31 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	10/24/2022 21:03	JTG
100-42-5	Styrene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	10/24/2022 06:31 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	10/24/2022 21:03	JTG
75-65-0	tert-Butyl alcohol (TBA)	ND		ug/L	0.500	1.00	1	EPA 8260C Certifications:	10/24/2022 06:31 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/24/2022 21:03	JTG
98-06-6	tert-Butylbenzene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	10/24/2022 06:31 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	10/24/2022 21:03	JTG

Sample Information

Client Sample ID: MW-1 **York Sample ID:** 22J1090-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22J1090	15209 - 13-16 Beach channel Drive	Water	October 19, 2022 8:55 am	10/20/2022

VOA, 8260 LOW MASTER

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

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
127-18-4	**Tetrachloroethylene**	**0.310**	J	ug/L	0.200	0.500	1	EPA 8260C	10/24/2022 06:31	10/24/2022 21:03	JTG
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PA		
108-88-3	Toluene	ND		ug/L	0.200	0.500	1	EPA 8260C	10/24/2022 06:31	10/24/2022 21:03	JTG
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.200	0.500	1	EPA 8260C	10/24/2022 06:31	10/24/2022 21:03	JTG
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.200	0.500	1	EPA 8260C	10/24/2022 06:31	10/24/2022 21:03	JTG
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
79-01-6	Trichloroethylene	ND		ug/L	0.200	0.500	1	EPA 8260C	10/24/2022 06:31	10/24/2022 21:03	JTG
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
75-69-4	Trichlorofluoromethane	ND		ug/L	0.200	0.500	1	EPA 8260C	10/24/2022 06:31	10/24/2022 21:03	JTG
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
75-01-4	Vinyl Chloride	ND		ug/L	0.200	0.500	1	EPA 8260C	10/24/2022 06:31	10/24/2022 21:03	JTG
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
1330-20-7	Xylenes, Total	ND		ug/L	0.600	1.50	1	EPA 8260C	10/24/2022 06:31	10/24/2022 21:03	JTG
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP		

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: SURR: 1,2-Dichloroethane-d4*	*117 %*	*69-130*
2037-26-5	*Surrogate: SURR: Toluene-d8*	*97.4 %*	*81-117*
460-00-4	*Surrogate: SURR: p-Bromofluorobenzene*	*111 %*	*79-122*

Methane, Ethane & Ethylene

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

Sample Prepared by Method: Preparation for GC Analysis

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
74-82-8	* Methane	ND		ug/L	10	1	GC/Headspace	10/29/2022 11:22	10/29/2022 12:33	SK
							Certifications:			
74-84-0	* Ethane	ND		ug/L	10	1	GC/Headspace	10/29/2022 11:22	10/29/2022 12:33	SK
							Certifications:			
74-85-1	* Ethylene (Ethene)	ND		ug/L	10	1	GC/Headspace	10/29/2022 11:22	10/29/2022 12:33	SK
							Certifications:			

Iron by EPA 6010

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

Sample Prepared by Method: EPA 3015A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-89-6	Iron	ND		mg/L	0.278	1	EPA 6010D	10/28/2022 11:55	11/01/2022 14:18	AJL
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		

Iron, Dissolved by EPA 6010

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

Sample Prepared by Method: EPA 3015A

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

Sample Information

Client Sample ID: MW-1 **York Sample ID:** 22J1090-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22J1090	15209 - 13-16 Beach channel Drive	Water	October 19, 2022 8:55 am	10/20/2022

7439-89-6	Iron	ND	mg/L	0.278	1	EPA 6010D	10/28/2022 12:27	10/31/2022 14:03	AJL
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		

Nitrate as N

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 300

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
14797-55-8	**Nitrate as N**	**16.4**	HT-01R	mg/L	0.500	10	EPA 300.0	10/24/2022 21:15	10/24/2022 21:15	NJO
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP,PADEP		

Sulfate as SO4

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 300

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
14808-79-8	**Sulfate**	**60.7**		mg/L	10.0	10	EPA 300.0	10/24/2022 21:15	10/24/2022 21:15	NJO
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP,PADEP		

Sulfide

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
18496-25-8	Sulfide	ND	CONT-01	mg/L	1.0	1	SM 4500-S F	10/26/2022 08:56	10/26/2022 14:02	AD
							Certifications:	CTDOH-PH-0723,NJDEP,NELAC-NY10854,PADEP		

Analytical Batch Summary

Batch ID: 10/24/2022 3:00:07 PM **Preparation Method:** SM5310B-14 **Prepared By:**

YORK Sample ID	Client Sample ID	Preparation Date
22J1090-01	MW-10	10/24/22
22J1090-02	MW-8S	10/24/22
22J1090-03	MW-7I	10/24/22
22J1090-04	MW-1	10/24/22

Batch ID: BJ21281 **Preparation Method:** EPA 300 **Prepared By:** NJO

YORK Sample ID	Client Sample ID	Preparation Date
22J1090-01	MW-10	10/21/22
22J1090-02	MW-8S	10/21/22
22J1090-03	MW-7I	10/20/22
BJ21281-BLK1	Blank	10/20/22
BJ21281-BS1	LCS	10/20/22
BJ21281-MS2	Matrix Spike	10/20/22

Batch ID: BJ21346 **Preparation Method:** EPA 3015A **Prepared By:** cw

YORK Sample ID	Client Sample ID	Preparation Date
22J1090-01	MW-10	10/24/22
22J1090-02	MW-8S	10/24/22
22J1090-03	MW-7I	10/24/22
BJ21346-BLK1	Blank	10/24/22
BJ21346-BS1	LCS	10/24/22
BJ21346-DUP1	Duplicate	10/24/22
BJ21346-MS1	Matrix Spike	10/24/22
BJ21346-PS1	Post Spike	10/24/22

Batch ID: BJ21409 **Preparation Method:** EPA 5030B **Prepared By:** JTG

YORK Sample ID	Client Sample ID	Preparation Date
22J1090-01	MW-10	10/24/22
22J1090-02	MW-8S	10/24/22
22J1090-03	MW-7I	10/24/22
22J1090-04	MW-1	10/24/22
BJ21409-BLK1	Blank	10/24/22
BJ21409-BS1	LCS	10/24/22
BJ21409-BSD1	LCS Dup	10/24/22

Batch ID: BJ21467 **Preparation Method:** EPA 300 **Prepared By:** NJO

YORK Sample ID	Client Sample ID	Preparation Date
22J1090-02	MW-8S	10/24/22
22J1090-04	MW-1	10/24/22

BJ21467-BLK1	Blank	10/24/22
BJ21467-BS1	LCS	10/24/22
BJ21467-DUP1	Duplicate	10/24/22
BJ21467-MS1	Matrix Spike	10/24/22

Batch ID: BJ21506 **Preparation Method:** Analysis Preparation **Prepared By:** AD

YORK Sample ID	Client Sample ID	Preparation Date
22J1090-01	MW-10	10/26/22
22J1090-02	MW-8S	10/26/22
22J1090-03	MW-7I	10/26/22
22J1090-04	MW-1	10/26/22
BJ21506-BLK1	Blank	10/26/22
BJ21506-BS1	LCS	10/26/22
BJ21506-DUP1	Duplicate	10/26/22

Batch ID: BJ21601 **Preparation Method:** EPA 3015A **Prepared By:** cw

YORK Sample ID	Client Sample ID	Preparation Date
22J1090-01	MW-10	10/27/22
22J1090-02	MW-8S	10/27/22
22J1090-03	MW-7I	10/27/22
BJ21601-BLK1	Blank	10/27/22
BJ21601-BS1	LCS	10/27/22
BJ21601-DUP1	Duplicate	10/27/22
BJ21601-MS1	Matrix Spike	10/27/22
BJ21601-PS1	Post Spike	10/27/22

Batch ID: BJ21691 **Preparation Method:** EPA 3015A **Prepared By:** cw

YORK Sample ID	Client Sample ID	Preparation Date
22J1090-04	MW-1	10/28/22
BJ21691-BLK1	Blank	10/28/22
BJ21691-BS1	LCS	10/28/22
BJ21691-DUP1	Duplicate	10/28/22
BJ21691-MS1	Matrix Spike	10/28/22
BJ21691-PS1	Post Spike	10/28/22

Batch ID: BJ21695 **Preparation Method:** EPA 3015A **Prepared By:** cw

YORK Sample ID	Client Sample ID	Preparation Date
22J1090-04	MW-1	10/28/22
BJ21695-BLK1	Blank	10/28/22
BJ21695-BS1	LCS	10/28/22
BJ21695-DUP1	Duplicate	10/28/22
BJ21695-MS1	Matrix Spike	10/28/22
BJ21695-PS1	Post Spike	10/28/22

Batch ID: BJ21743 **Preparation Method:** Preparation for GC Analysis **Prepared By:** RQB

YORK Sample ID	Client Sample ID	Preparation Date
22J1090-01	MW-10	10/29/22
22J1090-02	MW-8S	10/29/22
22J1090-03	MW-7I	10/29/22
22J1090-04	MW-1	10/29/22
BJ21743-BLK1	Blank	10/29/22
BJ21743-DUP1	Duplicate	10/29/22

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 BJ21409 - EPA 5030B											
Blank (BJ21409-BLK1)											Prepared & Analyzed: 10/24/2022
1,1,1,2-Tetrachloroethane	ND	0.500	ug/L								
1,1,1-Trichloroethane	ND	0.500	"								
1,1,2,2-Tetrachloroethane	ND	0.500	"								
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	0.500	"								
1,1,2-Trichloroethane	ND	0.500	"								
1,1-Dichloroethane	ND	0.500	"								
1,1-Dichloroethylene	ND	0.500	"								
1,2,3-Trichlorobenzene	ND	0.500	"								
1,2,3-Trichloropropane	ND	0.500	"								
1,2,4-Trichlorobenzene	ND	0.500	"								
1,2,4-Trimethylbenzene	ND	0.500	"								
1,2-Dibromo-3-chloropropane	ND	0.500	"								
1,2-Dibromoethane	ND	0.500	"								
1,2-Dichlorobenzene	ND	0.500	"								
1,2-Dichloroethane	ND	0.500	"								
1,2-Dichloropropane	ND	0.500	"								
1,3,5-Trimethylbenzene	ND	0.500	"								
1,3-Dichlorobenzene	ND	0.500	"								
1,3-Dichloropropane	ND	0.500	"								
1,4-Dichlorobenzene	ND	0.500	"								
1,4-Dioxane	ND	80.0	"								
2-Butanone	ND	0.500	"								
2-Hexanone	ND	0.500	"								
4-Methyl-2-pentanone	ND	0.500	"								
Acetone	ND	2.00	"								
Acrolein	ND	0.500	"								
Acrylonitrile	ND	0.500	"								
Benzene	ND	0.500	"								
Bromochloromethane	ND	0.500	"								
Bromodichloromethane	ND	0.500	"								
Bromoform	ND	0.500	"								
Bromomethane	ND	0.500	"								
Carbon disulfide	ND	0.500	"								
Carbon tetrachloride	ND	0.500	"								
Chlorobenzene	ND	0.500	"								
Chloroethane	ND	0.500	"								
Chloroform	0.240	0.500	"								
Chloromethane	ND	0.500	"								
cis-1,2-Dichloroethylene	ND	0.500	"								
cis-1,3-Dichloropropylene	ND	0.500	"								
Cyclohexane	ND	0.500	"								
Dibromochloromethane	ND	0.500	"								
Dibromomethane	ND	0.500	"								
Dichlorodifluoromethane	ND	0.500	"								
Ethyl Benzene	ND	0.500	"								
Hexachlorobutadiene	ND	0.500	"								
Isopropylbenzene	ND	0.500	"								
Methyl acetate	ND	0.500	"								
Methyl tert-butyl ether (MTBE)	ND	0.500	"								

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BJ21409 - EPA 5030B											
Blank (BJ21409-BLK1)										Prepared & Analyzed: 10/24/2022	
Methylcyclohexane	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-Butyl alcohol (TBA)	ND	1.00	"								
tert-Butylbenzene	ND	0.500	"								
Tetrachloroethylene	ND	0.500	"								
Toluene	ND	0.500	"								
trans-1,2-Dichloroethylene	ND	0.500	"								
trans-1,3-Dichloropropylene	ND	0.500	"								
Trichloroethylene	ND	0.500	"								
Trichlorofluoromethane	ND	0.500	"								
Vinyl Chloride	ND	0.500	"								
Xylenes, Total	ND	1.50	"								
Surrogate: SURR: 1,2-Dichloroethane-d4	*11.5*		*"*	*10.0*		*115*	*69-130*				
Surrogate: SURR: Toluene-d8	*10.1*		*"*	*10.0*		*101*	*81-117*				
Surrogate: SURR: p-Bromofluorobenzene	*11.2*		*"*	*10.0*		*112*	*79-122*				
LCS (BJ21409-BS1)										Prepared & Analyzed: 10/24/2022	
1,1,1,2-Tetrachloroethane	9.94		ug/L	10.0		99.4	82-126				
1,1,1-Trichloroethane	10.7		"	10.0		107	78-136				
1,1,2,2-Tetrachloroethane	10.2		"	10.0		102	76-129				
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	9.41		"	10.0		94.1	54-165				
1,1,2-Trichloroethane	9.55		"	10.0		95.5	82-123				
1,1-Dichloroethane	9.66		"	10.0		96.6	82-129				
1,1-Dichloroethylene	9.82		"	10.0		98.2	68-138				
1,2,3-Trichlorobenzene	8.49		"	10.0		84.9	76-136				
1,2,3-Trichloropropane	11.0		"	10.0		110	77-128				
1,2,4-Trichlorobenzene	9.17		"	10.0		91.7	76-137				
1,2,4-Trimethylbenzene	11.8		"	10.0		118	82-132				
1,2-Dibromo-3-chloropropane	9.70		"	10.0		97.0	45-147				
1,2-Dibromoethane	8.98		"	10.0		89.8	83-124				
1,2-Dichlorobenzene	10.8		"	10.0		108	79-123				
1,2-Dichloroethane	10.2		"	10.0		102	73-132				
1,2-Dichloropropane	9.53		"	10.0		95.3	78-126				
1,3,5-Trimethylbenzene	12.0		"	10.0		120	80-131				
1,3-Dichlorobenzene	9.68		"	10.0		96.8	86-122				
1,3-Dichloropropane	8.96		"	10.0		89.6	81-125				
1,4-Dichlorobenzene	11.2		"	10.0		112	85-124				
1,4-Dioxane	251		"	210		119	10-349				
2-Butanone	9.67		"	10.0		96.7	49-152				
2-Hexanone	8.10		"	10.0		81.0	51-146				

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BJ21409 - EPA 5030B											
LCS (BJ21409-BS1)								Prepared & Analyzed: 10/24/2022			
4-Methyl-2-pentanone	7.68		ug/L	10.0		76.8	57-145				
Acetone	27.6		"	10.0		276	14-150	High Bias			
Acrolein	6.11		"	10.0		61.1	10-153				
Acrylonitrile	8.74		"	10.0		87.4	51-150				
Benzene	9.07		"	10.0		90.7	85-126				
Bromochloromethane	10.1		"	10.0		101	77-128				
Bromodichloromethane	10.3		"	10.0		103	79-128				
Bromoform	9.64		"	10.0		96.4	78-133				
Bromomethane	12.6		"	10.0		126	43-168				
Carbon disulfide	9.11		"	10.0		91.1	68-146				
Carbon tetrachloride	11.2		"	10.0		112	77-141				
Chlorobenzene	9.91		"	10.0		99.1	88-120				
Chloroethane	10.4		"	10.0		104	65-136				
Chloroform	10.5		"	10.0		105	82-128				
Chloromethane	9.33		"	10.0		93.3	43-155				
cis-1,2-Dichloroethylene	9.87		"	10.0		98.7	83-129				
cis-1,3-Dichloropropylene	9.61		"	10.0		96.1	80-131				
Cyclohexane	3.51		"	10.0		35.1	63-149	Low Bias			
Dibromochloromethane	9.53		"	10.0		95.3	80-130				
Dibromomethane	9.35		"	10.0		93.5	72-134				
Dichlorodifluoromethane	5.49		"	10.0		54.9	44-144				
Ethyl Benzene	10.5		"	10.0		105	80-131				
Hexachlorobutadiene	9.93		"	10.0		99.3	67-146				
Isopropylbenzene	12.0		"	10.0		120	76-140				
Methyl acetate	8.03		"	10.0		80.3	51-139				
Methyl tert-butyl ether (MTBE)	8.30		"	10.0		83.0	76-135				
Methylcyclohexane	8.89		"	10.0		88.9	72-143				
Methylene chloride	10.4		"	10.0		104	55-137				
Naphthalene	8.53		"	10.0		85.3	70-147				
n-Butylbenzene	10.6		"	10.0		106	79-132				
n-Propylbenzene	12.2		"	10.0		122	78-133				
o-Xylene	10.7		"	10.0		107	78-130				
p- & m- Xylenes	21.4		"	20.0		107	77-133				
p-Diethylbenzene	10.4		"	10.0		104	84-134				
p-Ethyltoluene	13.0		"	10.0		130	88-129	High Bias			
p-Isopropyltoluene	10.2		"	10.0		102	81-136				
sec-Butylbenzene	10.2		"	10.0		102	79-137				
Styrene	9.80		"	10.0		98.0	67-132				
tert-Butyl alcohol (TBA)	37.4		"	50.0		74.8	25-162				
tert-Butylbenzene	9.04		"	10.0		90.4	77-138				
Tetrachloroethylene	9.80		"	10.0		98.0	82-131				
Toluene	10.6		"	10.0		106	80-127				
trans-1,2-Dichloroethylene	9.90		"	10.0		99.0	80-132				
trans-1,3-Dichloropropylene	9.72		"	10.0		97.2	78-131				
Trichloroethylene	10.1		"	10.0		101	82-128				
Trichlorofluoromethane	11.8		"	10.0		118	67-139				
Vinyl Chloride	9.71		"	10.0		97.1	58-145				
Surrogate: SURR: 1,2-Dichloroethane-d4	*10.5*		*"*	*10.0*		*105*	*69-130*				
Surrogate: SURR: Toluene-d8	*9.98*		*"*	*10.0*		*99.8*	*81-117*				
Surrogate: SURR: p-Bromofluorobenzene	*10.6*		*"*	*10.0*		*106*	*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 BJ21409 - EPA 5030B											
LCS Dup (BJ21409-BSD1)								Prepared & Analyzed: 10/24/2022			
1,1,1,2-Tetrachloroethane	9.57		ug/L	10.0		95.7	82-126		3.79	30	
1,1,1-Trichloroethane	9.99		"	10.0		99.9	78-136		6.96	30	
1,1,2,2-Tetrachloroethane	10.6		"	10.0		106	76-129		4.22	30	
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	8.45		"	10.0		84.5	54-165		10.8	30	
1,1,2-Trichloroethane	9.59		"	10.0		95.9	82-123		0.418	30	
1,1-Dichloroethane	8.93		"	10.0		89.3	82-129		7.85	30	
1,1-Dichloroethylene	9.02		"	10.0		90.2	68-138		8.49	30	
1,2,3-Trichlorobenzene	9.08		"	10.0		90.8	76-136		6.72	30	
1,2,3-Trichloropropane	11.5		"	10.0		115	77-128		4.09	30	
1,2,4-Trichlorobenzene	9.26		"	10.0		92.6	76-137		0.977	30	
1,2,4-Trimethylbenzene	11.0		"	10.0		110	82-132		6.65	30	
1,2-Dibromo-3-chloropropane	10.1		"	10.0		101	45-147		3.64	30	
1,2-Dibromoethane	9.45		"	10.0		94.5	83-124		5.10	30	
1,2-Dichlorobenzene	10.5		"	10.0		105	79-123		2.63	30	
1,2-Dichloroethane	10.5		"	10.0		105	73-132		2.60	30	
1,2-Dichloropropane	9.15		"	10.0		91.5	78-126		4.07	30	
1,3,5-Trimethylbenzene	11.0		"	10.0		110	80-131		8.49	30	
1,3-Dichlorobenzene	9.15		"	10.0		91.5	86-122		5.63	30	
1,3-Dichloropropane	9.23		"	10.0		92.3	81-125		2.97	30	
1,4-Dichlorobenzene	10.7		"	10.0		107	85-124		4.76	30	
1,4-Dioxane	287		"	210		137	10-349		13.5	30	
2-Butanone	10.2		"	10.0		102	49-152		4.94	30	
2-Hexanone	9.03		"	10.0		90.3	51-146		10.9	30	
4-Methyl-2-pentanone	8.83		"	10.0		88.3	57-145		13.9	30	
Acetone	27.8		"	10.0		278	14-150	High Bias	0.793	30	
Acrolein	6.16		"	10.0		61.6	10-153		0.815	30	
Acrylonitrile	9.10		"	10.0		91.0	51-150		4.04	30	
Benzene	8.69		"	10.0		86.9	85-126		4.28	30	
Bromochloromethane	10.1		"	10.0		101	77-128		0.00	30	
Bromodichloromethane	10.0		"	10.0		100	79-128		3.24	30	
Bromoform	10.2		"	10.0		102	78-133		5.45	30	
Bromomethane	7.84		"	10.0		78.4	43-168		46.9	30	Non-dir.
Carbon disulfide	8.39		"	10.0		83.9	68-146		8.23	30	
Carbon tetrachloride	10.2		"	10.0		102	77-141		9.40	30	
Chlorobenzene	9.42		"	10.0		94.2	88-120		5.07	30	
Chloroethane	9.37		"	10.0		93.7	65-136		10.4	30	
Chloroform	10.2		"	10.0		102	82-128		3.28	30	
Chloromethane	8.34		"	10.0		83.4	43-155		11.2	30	
cis-1,2-Dichloroethylene	9.33		"	10.0		93.3	83-129		5.62	30	
cis-1,3-Dichloropropylene	9.47		"	10.0		94.7	80-131		1.47	30	
Cyclohexane	3.38		"	10.0		33.8	63-149	Low Bias	3.77	30	
Dibromochloromethane	9.71		"	10.0		97.1	80-130		1.87	30	
Dibromomethane	9.46		"	10.0		94.6	72-134		1.17	30	
Dichlorodifluoromethane	4.84		"	10.0		48.4	44-144		12.6	30	
Ethyl Benzene	9.69		"	10.0		96.9	80-131		8.12	30	
Hexachlorobutadiene	9.88		"	10.0		98.8	67-146		0.505	30	
Isopropylbenzene	10.8		"	10.0		108	76-140		10.1	30	
Methyl acetate	9.53		"	10.0		95.3	51-139		17.1	30	
Methyl tert-butyl ether (MTBE)	9.14		"	10.0		91.4	76-135		9.63	30	
Methylcyclohexane	8.23		"	10.0		82.3	72-143		7.71	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 BJ21409 - EPA 5030B											
LCS Dup (BJ21409-BSD1)								Prepared & Analyzed: 10/24/2022			
Methylene chloride	10.2		ug/L	10.0		102	55-137		1.95	30	
Naphthalene	9.48		"	10.0		94.8	70-147		10.5	30	
n-Butylbenzene	9.82		"	10.0		98.2	79-132		7.92	30	
n-Propylbenzene	10.9		"	10.0		109	78-133		10.7	30	
o-Xylene	10.2		"	10.0		102	78-130		5.18	30	
p- & m- Xylenes	20.0		"	20.0		99.8	77-133		6.87	30	
p-Diethylbenzene	9.59		"	10.0		95.9	84-134		7.72	30	
p-Ethyltoluene	11.9		"	10.0		119	88-129		8.81	30	
p-Isopropyltoluene	9.53		"	10.0		95.3	81-136		6.50	30	
sec-Butylbenzene	9.35		"	10.0		93.5	79-137		8.79	30	
Styrene	9.44		"	10.0		94.4	67-132		3.74	30	
tert-Butyl alcohol (TBA)	42.4		"	50.0		84.8	25-162		12.5	30	
tert-Butylbenzene	8.25		"	10.0		82.5	77-138		9.14	30	
Tetrachloroethylene	8.93		"	10.0		89.3	82-131		9.29	30	
Toluene	10.0		"	10.0		100	80-127		5.45	30	
trans-1,2-Dichloroethylene	9.18		"	10.0		91.8	80-132		7.55	30	
trans-1,3-Dichloropropylene	9.79		"	10.0		97.9	78-131		0.718	30	
Trichloroethylene	9.33		"	10.0		93.3	82-128		8.12	30	
Trichlorofluoromethane	10.5		"	10.0		105	67-139		11.7	30	
Vinyl Chloride	8.51		"	10.0		85.1	58-145		13.2	30	
Surrogate: SURR: 1,2-Dichloroethane-d4	*11.1*		*"*	*10.0*		*111*	*69-130*				
Surrogate: SURR: Toluene-d8	*9.65*		*"*	*10.0*		*96.5*	*81-117*				
Surrogate: SURR: p-Bromofluorobenzene	*10.2*		*"*	*10.0*		*102*	*79-122*				

Gas Chromatography/Flame Ionization Detector - 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 BJ21743 - Preparation for GC Analysis											
Blank (BJ21743-BLK1)									Prepared & Analyzed: 10/29/2022		
Methane	ND	10	ug/L								
Ethane	ND	10	"								
Ethylene (Ethene)	ND	10	"								
Duplicate (BJ21743-DUP1)	*Source sample: 22J1446-01 (Duplicate)								Prepared & Analyzed: 10/29/2022		
Methane	1000	10	ug/L		760				27.9	35	
Ethane	ND	10	"		ND					35	
Ethylene (Ethene)	ND	10	"		ND					35	

Metals by ICP - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BJ21346 - EPA 3015A											
Blank (BJ21346-BLK1)								Prepared: 10/24/2022 Analyzed: 10/25/2022			
Iron - Dissolved	ND	0.278	mg/L								
LCS (BJ21346-BS1)								Prepared: 10/24/2022 Analyzed: 10/25/2022			
Iron - Dissolved	0.947		ug/mL	1.00		94.7	80-120				
Duplicate (BJ21346-DUP1)	*Source sample: 22J1090-03 (MW-7I)							Prepared: 10/24/2022 Analyzed: 10/25/2022			
Iron - Dissolved	ND	0.278	mg/L		ND					20	
Matrix Spike (BJ21346-MS1)	*Source sample: 22J1090-03 (MW-7I)							Prepared: 10/24/2022 Analyzed: 10/25/2022			
Iron - Dissolved	1.03	0.278	mg/L	1.11	ND	92.3	75-125				
Post Spike (BJ21346-PS1)	*Source sample: 22J1090-03 (MW-7I)							Prepared: 10/24/2022 Analyzed: 10/25/2022			
Iron - Dissolved	1.02		ug/mL	1.00	0.0322	98.5	75-125				
Batch BJ21601 - EPA 3015A											
Blank (BJ21601-BLK1)								Prepared: 10/27/2022 Analyzed: 10/28/2022			
Iron	ND	0.278	mg/L								
LCS (BJ21601-BS1)								Prepared: 10/27/2022 Analyzed: 10/28/2022			
Iron	0.949		ug/mL	1.00		94.9	80-120				
Duplicate (BJ21601-DUP1)	*Source sample: 22J1100-07 (Duplicate)							Prepared: 10/27/2022 Analyzed: 10/28/2022			
Iron	ND	0.278	mg/L		ND					20	
Matrix Spike (BJ21601-MS1)	*Source sample: 22J1100-07 (Matrix Spike)							Prepared: 10/27/2022 Analyzed: 10/28/2022			
Iron	1.08	0.278	mg/L	1.11	ND	97.3	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 BJ21601 - EPA 3015A											
Post Spike (BJ21601-PS1)	*Source sample: 22J1100-07 (Post Spike)								Prepared: 10/27/2022 Analyzed: 10/28/2022		
Iron	1.10		ug/mL	1.00	0.0684	103	75-125				
Batch BJ21691 - EPA 3015A											
Blank (BJ21691-BLK1)									Prepared: 10/28/2022 Analyzed: 10/31/2022		
Iron	ND	0.278	mg/L								
LCS (BJ21691-BS1)									Prepared: 10/28/2022 Analyzed: 10/31/2022		
Iron	1.05		ug/mL	1.00		105	80-120				
Duplicate (BJ21691-DUP1)	*Source sample: 22J1287-10 (Duplicate)								Prepared: 10/28/2022 Analyzed: 11/01/2022		
Iron	ND	0.278	mg/L		ND					20	
Matrix Spike (BJ21691-MS1)	*Source sample: 22J1287-10 (Matrix Spike)								Prepared: 10/28/2022 Analyzed: 11/01/2022		
Iron	1.01	0.278	mg/L	1.11	ND	90.5	75-125				
Post Spike (BJ21691-PS1)	*Source sample: 22J1287-10 (Post Spike)								Prepared: 10/28/2022 Analyzed: 11/01/2022		
Iron	1.08		ug/mL	1.00	0.0819	100	75-125				
Batch BJ21695 - EPA 3015A											
Blank (BJ21695-BLK1)									Prepared: 10/28/2022 Analyzed: 10/31/2022		
Iron - Dissolved	ND	0.278	mg/L								
LCS (BJ21695-BS1)									Prepared: 10/28/2022 Analyzed: 10/31/2022		
Iron - Dissolved	0.944		ug/mL	1.00		94.4	80-120				

Metals by ICP - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BJ21695 - EPA 3015A											
Duplicate (BJ21695-DUP1)	*Source sample: 22J1420-03 (Duplicate)								Prepared: 10/28/2022 Analyzed: 10/31/2022		
Iron - Dissolved	ND	0.278	mg/L		ND					20	
Matrix Spike (BJ21695-MS1)	*Source sample: 22J1420-03 (Matrix Spike)								Prepared: 10/28/2022 Analyzed: 10/31/2022		
Iron - Dissolved	1.07	0.278	mg/L	1.11	ND	96.0	75-125				
Post Spike (BJ21695-PS1)	*Source sample: 22J1420-03 (Post Spike)								Prepared: 10/28/2022 Analyzed: 10/31/2022		
Iron - Dissolved	1.10		ug/mL	1.00	0.0265	107	75-125				

Anions by Ion Chromatography - 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 BJ21281 - EPA 300											
Blank (BJ21281-BLK1)								Prepared & Analyzed: 10/20/2022			
Nitrate as N	ND	0.0500	mg/L								
Sulfate	ND	1.00	"								
LCS (BJ21281-BS1)								Prepared & Analyzed: 10/20/2022			
Nitrate as N	10.3	0.0500	mg/L	10.0		103	90-110				
Sulfate	9.94	1.00	"	10.0		99.4	85-115				
Matrix Spike (BJ21281-MS2)	*Source sample: 22J1086-03 (Matrix Spike)							Prepared & Analyzed: 10/20/2022			
Nitrate as N	18.5	0.0500	mg/L	10.0	8.40	101	90-110				
Sulfate	28.0	1.00	"	10.0		280	85-115	High Bias			
Batch BJ21467 - EPA 300											
Blank (BJ21467-BLK1)								Prepared & Analyzed: 10/24/2022			
Nitrate as N	ND	0.0500	mg/L								
Sulfate	ND	1.00	"								
LCS (BJ21467-BS1)								Prepared & Analyzed: 10/24/2022			
Nitrate as N	9.77	0.0500	mg/L	10.0		97.7	90-110				
Sulfate	9.14	1.00	"	10.0		91.4	85-115				
Duplicate (BJ21467-DUP1)	*Source sample: 22J0898-01 (Duplicate)							Prepared & Analyzed: 10/24/2022			
Nitrate as N	0.703	0.0500	mg/L		0.634				10.3	15	
Sulfate	13.7	1.00	"		13.4				2.34	15	
Matrix Spike (BJ21467-MS1)	*Source sample: 22J0898-01 (Matrix Spike)							Prepared & Analyzed: 10/24/2022			
Nitrate as N	10.5	0.0500	mg/L	10.0	0.634	98.3	90-110				
Sulfate	22.4	1.00	"	10.0	13.4	90.2	85-115				

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 BJ21506 - Analysis Preparation											
Blank (BJ21506-BLK1)									Prepared & Analyzed: 10/26/2022		
Sulfide	ND	1.0	mg/L								
LCS (BJ21506-BS1)									Prepared & Analyzed: 10/26/2022		
Sulfide	43	1.0	mg/L	50.0		86.4	80-120				
Duplicate (BJ21506-DUP1)	*Source sample: 22J1090-01 (MW-10)								Prepared & Analyzed: 10/26/2022		
Sulfide	ND	1.0	mg/L		ND					15	

Volatile Analysis Sample Containers

Lab ID	Client Sample ID	Volatile Sample Container
22J1090-01	MW-10	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C
22J1090-02	MW-8S	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C
22J1090-03	MW-7I	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C
22J1090-04	MW-1	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C

Sample and Data Qualifiers Relating to This Work Order

QR-02	The RPD result exceeded the QC control limits; however, both percent recoveries were acceptable. Sample results for the QC batch were accepted based on percent recoveries and completeness of QC data.
QM-07	The spike recovery was outside acceptance limits for the MS and/or MSD. The batch was accepted based on acceptable LCS recovery.
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).
HT-01R	This flag indicates that the sample was initially analyzed within recommended hold time and that a re-run was performed outside of the hold time.
CONT-01	Analysis was performed on a sample from an improperly preserved container.
CCVE	The value reported is ESTIMATED. The value is estimated due to its behavior during continuing calibration verification (>20% Difference for average Rf or >20% Drift for quadratic fit).
B	Analyte is found in the associated analysis batch blank. For volatiles, methylene chloride and acetone are common lab contaminants.

Definitions and Other Explanations

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

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

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

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

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

Certification for pH is no longer offered by NYDOH ELAP.

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

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

Field Chain-of-Custody Record

YORK ANALYTICAL LABORATORIES INC

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

YORK Project No. 22J1090

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

YOUR Information	Report To:	Invoice To:	YOUR Project Number	Turn-Around Time
Company: Impact Environmental	Company: → same	Company: → same	15209	RUSH - Next Day
Address: 170 Keyland Ct, Bohemia NY	Address:	Address:	YOUR Project Name: 13-16 Beach Channel Drive	RUSH - Two Day
Phone.:	Phone.:	Phone.:		RUSH - Three Day
Contact: ~~Eco~~ amendez-chicas	Contact:	Contact:		RUSH - Four Day
E-mail: amendez-chicas@impact	E-mail:	E-mail:	YOUR PO#:	Standard (5-7 Day) X
				(7-10 for PFAS)

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

Samples Collected by: (print AND sign your name)

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

Samples From
New York X
New Jersey
Connecticut
Pennsylvania
Other:

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

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

Sample Identification	Sample Matrix	Date/Time Sampled	Analyses Requested	Container Type	No.
MW-10	GW	10/19/22 / 1230	TCL VOCs, Total iron, Dissolved iron,	250 mL plastic	4
MW-85	↓	10/19/22 @ 1135	Sulfate, nitrate, total organic	40mL gloss	5
MW-~~7~~ 11		10/19/22 @ 1025	carbon, Methane, ethane, ethene	1 L plastic	1
MW-1	↓	10/19/22 @ 0855		per sample	

Comments: All samples run for: TCL VOCs, ~~total~~ iron, diss iron, sulfate sulfide, nitrate, total organic carbon, methane, ethane, ethene

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
[signature]	10/20/2022 1430	Noel N York Labs	10/20/22 1430	Noel N York Labs	10/20/22 1830
2. Samples Received by / Company	Date/Time	3. Samples Relinquished by / Company	Date/Time	3. Samples Received by / Company	Date/Time
MARU YORK	10/20/22 1830	MARU YORK	10/20/22		
3. Samples Relinquished by / Company	Date/Time	4. Samples Received by / Company	Date/Time	Samples Received in LAB by	Date/Time / Temperature
				TC Labs	10/20/22 2200 / 2.9 Degrees C

Technical Report

prepared for:

Impact Environmental
170 Keyland Court
Bohemia NY, 11716
Attention: Christopher Connolly

Report Date: 11/01/2022
Client Project ID: #15209 13-16 Beach Channel Drive
York Project (SDG) No.: 22J1175

Report Date: 11/01/2022
Client Project ID: #15209 13-16 Beach Channel Drive
York Project (SDG) No.: 22J1175

Impact Environmental
170 Keyland Court
Bohemia NY, 11716
Attention: Christopher Connolly

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 21, 2022 and listed below. The project was identified as your project: **#15209 13-16 Beach Channel Drive**.

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
22J1175-01	MW-9S	Water	10/21/2022	10/21/2022
22J1175-02	MW-9I	Water	10/21/2022	10/21/2022
22J1175-03	MW-7S	Water	10/21/2022	10/21/2022
22J1175-04	MW-8I	Water	10/21/2022	10/21/2022

General Notes for York Project (SDG) No.: 22J1175

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:** 11/01/2022

Cassie L. Mosher
Laboratory Manager

Sample Information

Client Sample ID: **MW-9S** **York Sample ID:** **22J1175-01**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22J1175	#15209 13-16 Beach Channel Drive	Water	October 21, 2022 9:50 am	10/21/2022

Analyzed by: Phoenix Environmental Labs, Inc.

SM5310B-14

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

Sample Prepared by Method: SM5310B-14

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
PHNX - TOC	Total Organic Carbon	ND		mg/L	1.0	1.0	1	SM5310B-14 Certifications:	10/25/2022 16:29	10/25/2022 16:29	CT007

VOA, 8260 LOW MASTER

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

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	10/28/2022 09:00	10/28/2022 15:15	SA CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
71-55-6	1,1,1-Trichloroethane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	10/28/2022 09:00	10/28/2022 15:15	SA CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	10/28/2022 09:00	10/28/2022 15:15	SA CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	10/28/2022 09:00	10/28/2022 15:15	SA CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	10/28/2022 09:00	10/28/2022 15:15	SA CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
75-34-3	1,1-Dichloroethane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	10/28/2022 09:00	10/28/2022 15:15	SA CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	10/28/2022 09:00	10/28/2022 15:15	SA CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	10/28/2022 09:00	10/28/2022 15:15	SA NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
96-18-4	1,2,3-Trichloropropane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	10/28/2022 09:00	10/28/2022 15:15	SA NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	10/28/2022 09:00	10/28/2022 15:15	SA NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	10/28/2022 09:00	10/28/2022 15:15	SA CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	10/28/2022 09:00	10/28/2022 15:15	SA CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
106-93-4	1,2-Dibromoethane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	10/28/2022 09:00	10/28/2022 15:15	SA CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	10/28/2022 09:00	10/28/2022 15:15	SA CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
107-06-2	1,2-Dichloroethane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	10/28/2022 09:00	10/28/2022 15:15	SA CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
78-87-5	1,2-Dichloropropane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	10/28/2022 09:00	10/28/2022 15:15	SA CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	10/28/2022 09:00	10/28/2022 15:15	SA CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI

Sample Information

Client Sample ID: MW-9S

York Sample ID: 22J1175-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22J1175	#15209 13-16 Beach Channel Drive	Water	October 21, 2022 9:50 am	10/21/2022

VOA, 8260 LOW MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	10/28/2022 09:00	10/28/2022 15:15	SA CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
142-28-9	1,3-Dichloropropane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	10/28/2022 09:00	10/28/2022 15:15	SA NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	10/28/2022 09:00	10/28/2022 15:15	SA CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
123-91-1	1,4-Dioxane	ND		ug/L	40.0	80.0	1	EPA 8260C Certifications:	10/28/2022 09:00	10/28/2022 15:15	SA NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
78-93-3	2-Butanone	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	10/28/2022 09:00	10/28/2022 15:15	SA CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
591-78-6	2-Hexanone	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	10/28/2022 09:00	10/28/2022 15:15	SA CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
108-10-1	4-Methyl-2-pentanone	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	10/28/2022 09:00	10/28/2022 15:15	SA CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
67-64-1	Acetone	ND		ug/L	1.00	2.00	1	EPA 8260C Certifications:	10/28/2022 09:00	10/28/2022 15:15	SA CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
107-02-8	Acrolein	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	10/28/2022 09:00	10/28/2022 15:15	SA CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
107-13-1	Acrylonitrile	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	10/28/2022 09:00	10/28/2022 15:15	SA CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
71-43-2	Benzene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	10/28/2022 09:00	10/28/2022 15:15	SA CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
74-97-5	Bromochloromethane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	10/28/2022 09:00	10/28/2022 15:15	SA NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
75-27-4	Bromodichloromethane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	10/28/2022 09:00	10/28/2022 15:15	SA CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
75-25-2	Bromoform	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	10/28/2022 09:00	10/28/2022 15:15	SA CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
74-83-9	Bromomethane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	10/28/2022 09:00	10/28/2022 15:15	SA CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
75-15-0	Carbon disulfide	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	10/28/2022 09:00	10/28/2022 15:15	SA CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
56-23-5	Carbon tetrachloride	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	10/28/2022 09:00	10/28/2022 15:15	SA CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
108-90-7	Chlorobenzene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	10/28/2022 09:00	10/28/2022 15:15	SA CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
75-00-3	Chloroethane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	10/28/2022 09:00	10/28/2022 15:15	SA CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
67-66-3	**Chloroform**	**0.230**	J	ug/L	0.200	0.500	1	EPA 8260C Certifications:	10/28/2022 09:00	10/28/2022 15:15	SA CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PA
74-87-3	Chloromethane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	10/28/2022 09:00	10/28/2022 15:15	SA CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
156-59-2	cis-1,2-Dichloroethylene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	10/28/2022 09:00	10/28/2022 15:15	SA CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	10/28/2022 09:00	10/28/2022 15:15	SA CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI

Sample Information

Client Sample ID: MW-9S

York Sample ID: 22J1175-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22J1175	#15209 13-16 Beach Channel Drive	Water	October 21, 2022 9:50 am	10/21/2022

VOA, 8260 LOW MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
110-82-7	Cyclohexane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	10/28/2022 09:00 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/28/2022 15:15	SA
124-48-1	Dibromochloromethane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	10/28/2022 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	10/28/2022 15:15	SA
74-95-3	Dibromomethane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	10/28/2022 09:00 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/28/2022 15:15	SA
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	10/28/2022 09:00 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/28/2022 15:15	SA
100-41-4	Ethyl Benzene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	10/28/2022 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	10/28/2022 15:15	SA
87-68-3	Hexachlorobutadiene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	10/28/2022 09:00 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/28/2022 15:15	SA
98-82-8	Isopropylbenzene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	10/28/2022 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	10/28/2022 15:15	SA
79-20-9	Methyl acetate	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	10/28/2022 09:00 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/28/2022 15:15	SA
1634-04-4	**Methyl tert-butyl ether (MTBE)**	**0.790**		ug/L	0.200	0.500	1	EPA 8260C Certifications:	10/28/2022 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PA	10/28/2022 15:15	SA
108-87-2	Methylcyclohexane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	10/28/2022 09:00 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/28/2022 15:15	SA
75-09-2	**Methylene chloride**	**2.12**	B	ug/L	1.00	2.00	1	EPA 8260C Certifications:	10/28/2022 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PA	10/28/2022 15:15	SA
91-20-3	**Naphthalene**	**5.05**		ug/L	1.00	2.00	1	EPA 8260C Certifications:	10/28/2022 09:00 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/28/2022 15:15	SA
104-51-8	n-Butylbenzene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	10/28/2022 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	10/28/2022 15:15	SA
103-65-1	n-Propylbenzene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	10/28/2022 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	10/28/2022 15:15	SA
95-47-6	o-Xylene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	10/28/2022 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP	10/28/2022 15:15	SA
179601-23-1	p- & m- Xylenes	ND		ug/L	0.500	1.00	1	EPA 8260C Certifications:	10/28/2022 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP	10/28/2022 15:15	SA
105-05-5	* p-Diethylbenzene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	10/28/2022 09:00	10/28/2022 15:15	SA
622-96-8	* p-Ethyltoluene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	10/28/2022 09:00	10/28/2022 15:15	SA
99-87-6	p-Isopropyltoluene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	10/28/2022 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	10/28/2022 15:15	SA
135-98-8	sec-Butylbenzene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	10/28/2022 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	10/28/2022 15:15	SA
100-42-5	Styrene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	10/28/2022 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	10/28/2022 15:15	SA
75-65-0	tert-Butyl alcohol (TBA)	ND		ug/L	0.500	1.00	1	EPA 8260C Certifications:	10/28/2022 09:00 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/28/2022 15:15	SA
98-06-6	tert-Butylbenzene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	10/28/2022 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	10/28/2022 15:15	SA

Sample Information

Client Sample ID: MW-9S

York Sample ID: 22J1175-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22J1175	#15209 13-16 Beach Channel Drive	Water	October 21, 2022 9:50 am	10/21/2022

VOA, 8260 LOW MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
127-18-4	**Tetrachloroethylene**	**0.710**		ug/L	0.200	0.500	1	EPA 8260C	10/28/2022 09:00	10/28/2022 15:15	SA
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PA		
108-88-3	Toluene	ND		ug/L	0.200	0.500	1	EPA 8260C	10/28/2022 09:00	10/28/2022 15:15	SA
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.200	0.500	1	EPA 8260C	10/28/2022 09:00	10/28/2022 15:15	SA
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.200	0.500	1	EPA 8260C	10/28/2022 09:00	10/28/2022 15:15	SA
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
79-01-6	Trichloroethylene	ND		ug/L	0.200	0.500	1	EPA 8260C	10/28/2022 09:00	10/28/2022 15:15	SA
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
75-69-4	Trichlorofluoromethane	ND		ug/L	0.200	0.500	1	EPA 8260C	10/28/2022 09:00	10/28/2022 15:15	SA
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
75-01-4	Vinyl Chloride	ND		ug/L	0.200	0.500	1	EPA 8260C	10/28/2022 09:00	10/28/2022 15:15	SA
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
1330-20-7	Xylenes, Total	ND		ug/L	0.600	1.50	1	EPA 8260C	10/28/2022 09:00	10/28/2022 15:15	SA
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP		

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: SURR: 1,2-Dichloroethane-d4*	*106 %*	*69-130*
2037-26-5	*Surrogate: SURR: Toluene-d8*	*98.3 %*	*81-117*
460-00-4	*Surrogate: SURR: p-Bromofluorobenzene*	*101 %*	*79-122*

Methane, Ethane & Ethylene

Log-in Notes:

Sample Notes:

Sample Prepared by Method: Preparation for GC Analysis

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
74-82-8	* **Methane**	**21**		ug/L	10	1	GC/Headspace	10/29/2022 11:22	10/29/2022 12:41	SK
							Certifications:			
74-84-0	* Ethane	ND		ug/L	10	1	GC/Headspace	10/29/2022 11:22	10/29/2022 12:41	SK
							Certifications:			
74-85-1	* Ethylene (Ethene)	ND		ug/L	10	1	GC/Headspace	10/29/2022 11:22	10/29/2022 12:41	SK
							Certifications:			

Iron by EPA 6010

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3015A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-89-6	**Iron**	**0.612**		mg/L	0.278	1	EPA 6010D	10/28/2022 11:55	11/01/2022 14:39	AJL
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		

Iron, Dissolved by EPA 6010

Log-in Notes:

Sample Notes:

Sample Information

Client Sample ID: MW-9S **York Sample ID:** 22J1175-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22J1175	#15209 13-16 Beach Channel Drive	Water	October 21, 2022 9:50 am	10/21/2022

Sample Prepared by Method: EPA 3015A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-89-6	**Iron**	**0.397**		mg/L	0.278	1	EPA 6010D	10/28/2022 12:27	10/31/2022 14:06	AJL
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		

Nitrate as N **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 300

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
14797-55-8	**Nitrate as N**	**2.07**		mg/L	0.0500	1	EPA 300.0	10/22/2022 00:28	10/22/2022 00:28	NJO
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP,PADEP		

Sulfate as SO4 **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 300

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
14808-79-8	**Sulfate**	**157**		mg/L	10.0	10	EPA 300.0	10/24/2022 20:07	10/24/2022 20:07	NJO
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP,PADEP		

Sulfide **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
18496-25-8	Sulfide	ND	CONT-01, HT-01	mg/L	1.0	1	SM 4500-S F	11/01/2022 08:56	11/01/2022 08:56	AD
							Certifications:	CTDOH-PH-0723,NJDEP,NELAC-NY10854,PADEP		

Sample Information

Client Sample ID: MW-9I **York Sample ID:** 22J1175-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22J1175	#15209 13-16 Beach Channel Drive	Water	October 21, 2022 8:50 am	10/21/2022

Analyzed by: Phoenix Environmental Labs, Inc.

SM5310B-14 **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: SM5310B-14

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
PHNX - TOC	**Total Organic Carbon**	**3.4**		mg/L	1.0	1.0	1	SM5310B-14	10/25/2022 16:43	10/25/2022 16:43	CT007
								Certifications:			

Sample Information

Client Sample ID: **MW-9I** **York Sample ID:** **22J1175-02**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22J1175	#15209 13-16 Beach Channel Drive	Water	October 21, 2022 8:50 am	10/21/2022

VOA, 8260 LOW MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	10/28/2022 09:00	10/28/2022 15:41	SA CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
71-55-6	1,1,1-Trichloroethane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	10/28/2022 09:00	10/28/2022 15:41	SA CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	10/28/2022 09:00	10/28/2022 15:41	SA CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	10/28/2022 09:00	10/28/2022 15:41	SA CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	10/28/2022 09:00	10/28/2022 15:41	SA CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
75-34-3	1,1-Dichloroethane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	10/28/2022 09:00	10/28/2022 15:41	SA CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	10/28/2022 09:00	10/28/2022 15:41	SA CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	10/28/2022 09:00	10/28/2022 15:41	SA NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
96-18-4	1,2,3-Trichloropropane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	10/28/2022 09:00	10/28/2022 15:41	SA NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	10/28/2022 09:00	10/28/2022 15:41	SA NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
95-63-6	**1,2,4-Trimethylbenzene**	**0.240**	J	ug/L	0.200	0.500	1	EPA 8260C Certifications:	10/28/2022 09:00	10/28/2022 15:41	SA CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PA
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	10/28/2022 09:00	10/28/2022 15:41	SA CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
106-93-4	1,2-Dibromoethane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	10/28/2022 09:00	10/28/2022 15:41	SA CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	10/28/2022 09:00	10/28/2022 15:41	SA CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
107-06-2	1,2-Dichloroethane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	10/28/2022 09:00	10/28/2022 15:41	SA CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
78-87-5	1,2-Dichloropropane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	10/28/2022 09:00	10/28/2022 15:41	SA CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	10/28/2022 09:00	10/28/2022 15:41	SA CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	10/28/2022 09:00	10/28/2022 15:41	SA CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
142-28-9	1,3-Dichloropropane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	10/28/2022 09:00	10/28/2022 15:41	SA NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	10/28/2022 09:00	10/28/2022 15:41	SA CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
123-91-1	1,4-Dioxane	ND		ug/L	40.0	80.0	1	EPA 8260C Certifications:	10/28/2022 09:00	10/28/2022 15:41	SA NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
78-93-3	2-Butanone	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	10/28/2022 09:00	10/28/2022 15:41	SA CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
591-78-6	2-Hexanone	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	10/28/2022 09:00	10/28/2022 15:41	SA CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI

Sample Information

Client Sample ID: MW-9I

York Sample ID: 22J1175-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22J1175	#15209 13-16 Beach Channel Drive	Water	October 21, 2022 8:50 am	10/21/2022

VOA, 8260 LOW MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
108-10-1	4-Methyl-2-pentanone	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	10/28/2022 09:00	10/28/2022 15:41	SA CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
67-64-1	Acetone	ND		ug/L	1.00	2.00	1	EPA 8260C Certifications:	10/28/2022 09:00	10/28/2022 15:41	SA CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
107-02-8	Acrolein	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	10/28/2022 09:00	10/28/2022 15:41	SA CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
107-13-1	Acrylonitrile	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	10/28/2022 09:00	10/28/2022 15:41	SA CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
71-43-2	Benzene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	10/28/2022 09:00	10/28/2022 15:41	SA CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
74-97-5	Bromochloromethane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	10/28/2022 09:00	10/28/2022 15:41	SA NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
75-27-4	Bromodichloromethane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	10/28/2022 09:00	10/28/2022 15:41	SA CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
75-25-2	Bromoform	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	10/28/2022 09:00	10/28/2022 15:41	SA CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
74-83-9	Bromomethane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	10/28/2022 09:00	10/28/2022 15:41	SA CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
75-15-0	Carbon disulfide	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	10/28/2022 09:00	10/28/2022 15:41	SA CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
56-23-5	Carbon tetrachloride	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	10/28/2022 09:00	10/28/2022 15:41	SA CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
108-90-7	Chlorobenzene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	10/28/2022 09:00	10/28/2022 15:41	SA CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
75-00-3	Chloroethane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	10/28/2022 09:00	10/28/2022 15:41	SA CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
67-66-3	**Chloroform**	**1.67**		ug/L	0.200	0.500	1	EPA 8260C Certifications:	10/28/2022 09:00	10/28/2022 15:41	SA CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PA
74-87-3	Chloromethane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	10/28/2022 09:00	10/28/2022 15:41	SA CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
156-59-2	cis-1,2-Dichloroethylene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	10/28/2022 09:00	10/28/2022 15:41	SA CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	10/28/2022 09:00	10/28/2022 15:41	SA CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
110-82-7	Cyclohexane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	10/28/2022 09:00	10/28/2022 15:41	SA NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
124-48-1	Dibromochloromethane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	10/28/2022 09:00	10/28/2022 15:41	SA CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
74-95-3	Dibromomethane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	10/28/2022 09:00	10/28/2022 15:41	SA NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	10/28/2022 09:00	10/28/2022 15:41	SA NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
100-41-4	Ethyl Benzene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	10/28/2022 09:00	10/28/2022 15:41	SA CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
87-68-3	Hexachlorobutadiene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	10/28/2022 09:00	10/28/2022 15:41	SA NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP

Sample Information

Client Sample ID: **MW-9I** **York Sample ID:** **22J1175-02**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22J1175	#15209 13-16 Beach Channel Drive	Water	October 21, 2022 8:50 am	10/21/2022

VOA, 8260 LOW MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
98-82-8	Isopropylbenzene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	10/28/2022 09:00	10/28/2022 15:41	SA CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
79-20-9	Methyl acetate	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	10/28/2022 09:00	10/28/2022 15:41	SA NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	10/28/2022 09:00	10/28/2022 15:41	SA CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
108-87-2	Methylcyclohexane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	10/28/2022 09:00	10/28/2022 15:41	SA NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
75-09-2	**Methylene chloride**	**2.02**	B	ug/L	1.00	2.00	1	EPA 8260C Certifications:	10/28/2022 09:00	10/28/2022 15:41	SA CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PA
91-20-3	**Naphthalene**	**1.05**	J	ug/L	1.00	2.00	1	EPA 8260C Certifications:	10/28/2022 09:00	10/28/2022 15:41	SA NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
104-51-8	n-Butylbenzene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	10/28/2022 09:00	10/28/2022 15:41	SA CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
103-65-1	n-Propylbenzene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	10/28/2022 09:00	10/28/2022 15:41	SA CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
95-47-6	**o-Xylene**	**0.250**	J	ug/L	0.200	0.500	1	EPA 8260C Certifications:	10/28/2022 09:00	10/28/2022 15:41	SA CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP
179601-23-1	p- & m- Xylenes	ND		ug/L	0.500	1.00	1	EPA 8260C Certifications:	10/28/2022 09:00	10/28/2022 15:41	SA CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP
105-05-5	* p-Diethylbenzene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	10/28/2022 09:00	10/28/2022 15:41	SA
622-96-8	* p-Ethyltoluene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	10/28/2022 09:00	10/28/2022 15:41	SA
99-87-6	p-Isopropyltoluene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	10/28/2022 09:00	10/28/2022 15:41	SA CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
135-98-8	sec-Butylbenzene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	10/28/2022 09:00	10/28/2022 15:41	SA CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
100-42-5	Styrene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	10/28/2022 09:00	10/28/2022 15:41	SA CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
75-65-0	tert-Butyl alcohol (TBA)	ND		ug/L	0.500	1.00	1	EPA 8260C Certifications:	10/28/2022 09:00	10/28/2022 15:41	SA NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
98-06-6	tert-Butylbenzene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	10/28/2022 09:00	10/28/2022 15:41	SA CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
127-18-4	**Tetrachloroethylene**	**0.420**	J	ug/L	0.200	0.500	1	EPA 8260C Certifications:	10/28/2022 09:00	10/28/2022 15:41	SA CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PA
108-88-3	**Toluene**	**0.480**	J	ug/L	0.200	0.500	1	EPA 8260C Certifications:	10/28/2022 09:00	10/28/2022 15:41	SA CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PA
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	10/28/2022 09:00	10/28/2022 15:41	SA CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	10/28/2022 09:00	10/28/2022 15:41	SA CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
79-01-6	Trichloroethylene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	10/28/2022 09:00	10/28/2022 15:41	SA CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
75-69-4	Trichlorofluoromethane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	10/28/2022 09:00	10/28/2022 15:41	SA CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI

Sample Information

Client Sample ID: MW-9I

York Sample ID: 22J1175-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22J1175	#15209 13-16 Beach Channel Drive	Water	October 21, 2022 8:50 am	10/21/2022

VOA, 8260 LOW MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
75-01-4	Vinyl Chloride	ND		ug/L	0.200	0.500	1	EPA 8260C	10/28/2022 09:00	10/28/2022 15:41	SA
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
1330-20-7	**Xylenes, Total**	**0.720**	J	ug/L	0.600	1.50	1	EPA 8260C	10/28/2022 09:00	10/28/2022 15:41	SA
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP		

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: SURR: 1,2-Dichloroethane-d4*	*103 %*	*69-130*
2037-26-5	*Surrogate: SURR: Toluene-d8*	*98.7 %*	*81-117*
460-00-4	*Surrogate: SURR: p-Bromofluorobenzene*	*96.7 %*	*79-122*

Methane, Ethane & Ethylene

Log-in Notes:

Sample Notes:

Sample Prepared by Method: Preparation for GC Analysis

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
74-82-8	* Methane	ND		ug/L	10	1	GC/Headspace	10/29/2022 11:22	10/29/2022 12:53	SK
							Certifications:			
74-84-0	* Ethane	ND		ug/L	10	1	GC/Headspace	10/29/2022 11:22	10/29/2022 12:53	SK
							Certifications:			
74-85-1	* Ethylene (Ethene)	ND		ug/L	10	1	GC/Headspace	10/29/2022 11:22	10/29/2022 12:53	SK
							Certifications:			

Iron by EPA 6010

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3015A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-89-6	**Iron**	**1.63**		mg/L	0.278	1	EPA 6010D	10/28/2022 11:55	11/01/2022 14:42	AJL
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		

Iron, Dissolved by EPA 6010

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3015A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-89-6	Iron	ND		mg/L	0.278	1	EPA 6010D	10/28/2022 12:27	10/31/2022 14:08	AJL
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		

Nitrate as N

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 300

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
14797-55-8	**Nitrate as N**	**2.83**		mg/L	0.0500	1	EPA 300.0	10/22/2022 00:08	10/22/2022 00:08	NJO
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP,PADEP		

Sample Information

Client Sample ID: MW-9I **York Sample ID:** 22J1175-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22J1175	#15209 13-16 Beach Channel Drive	Water	October 21, 2022 8:50 am	10/21/2022

Sulfate as SO4

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 300

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
14808-79-8	**Sulfate**	**46.8**		mg/L	10.0	10	EPA 300.0	10/24/2022 20:17	10/24/2022 20:17	NJO
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP,PADEP		

Sulfide

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
18496-25-8	Sulfide	ND	CONT-01, HT-01	mg/L	1.0	1	SM 4500-S F	11/01/2022 08:56	11/01/2022 08:56	AD
							Certifications:	CTDOH-PH-0723,NJDEP,NELAC-NY10854,PADEP		

Sample Information

Client Sample ID: MW-7S **York Sample ID:** 22J1175-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22J1175	#15209 13-16 Beach Channel Drive	Water	October 21, 2022 7:55 am	10/21/2022

Analyzed by: Phoenix Environmental Labs, Inc.

SM5310B-14

Log-in Notes:

Sample Notes:

Sample Prepared by Method: SM5310B-14

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
PHNX - TOC	Total Organic Carbon	ND		mg/L	1.0	1.0	1	SM5310B-14	10/25/2022 16:57	10/25/2022 16:57	CT007
								Certifications:			

VOA, 8260 LOW MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/L	0.200	0.500	1	EPA 8260C	10/28/2022 09:00	10/28/2022 16:08	SA
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
71-55-6	1,1,1-Trichloroethane	ND		ug/L	0.200	0.500	1	EPA 8260C	10/28/2022 09:00	10/28/2022 16:08	SA
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.200	0.500	1	EPA 8260C	10/28/2022 09:00	10/28/2022 16:08	SA
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/L	0.200	0.500	1	EPA 8260C	10/28/2022 09:00	10/28/2022 16:08	SA
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.200	0.500	1	EPA 8260C	10/28/2022 09:00	10/28/2022 16:08	SA
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		

Sample Information

Client Sample ID: MW-7S

York Sample ID: 22J1175-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22J1175	#15209 13-16 Beach Channel Drive	Water	October 21, 2022 7:55 am	10/21/2022

VOA, 8260 LOW MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
75-34-3	1,1-Dichloroethane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	10/28/2022 09:00	10/28/2022 16:08	SA CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	10/28/2022 09:00	10/28/2022 16:08	SA CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	10/28/2022 09:00	10/28/2022 16:08	SA NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
96-18-4	1,2,3-Trichloropropane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	10/28/2022 09:00	10/28/2022 16:08	SA NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	10/28/2022 09:00	10/28/2022 16:08	SA NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	10/28/2022 09:00	10/28/2022 16:08	SA CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	10/28/2022 09:00	10/28/2022 16:08	SA CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
106-93-4	1,2-Dibromoethane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	10/28/2022 09:00	10/28/2022 16:08	SA CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	10/28/2022 09:00	10/28/2022 16:08	SA CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
107-06-2	1,2-Dichloroethane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	10/28/2022 09:00	10/28/2022 16:08	SA CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
78-87-5	1,2-Dichloropropane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	10/28/2022 09:00	10/28/2022 16:08	SA CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	10/28/2022 09:00	10/28/2022 16:08	SA CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	10/28/2022 09:00	10/28/2022 16:08	SA CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
142-28-9	1,3-Dichloropropane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	10/28/2022 09:00	10/28/2022 16:08	SA NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	10/28/2022 09:00	10/28/2022 16:08	SA CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
123-91-1	1,4-Dioxane	ND		ug/L	40.0	80.0	1	EPA 8260C Certifications:	10/28/2022 09:00	10/28/2022 16:08	SA NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
78-93-3	2-Butanone	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	10/28/2022 09:00	10/28/2022 16:08	SA CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
591-78-6	2-Hexanone	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	10/28/2022 09:00	10/28/2022 16:08	SA CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
108-10-1	4-Methyl-2-pentanone	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	10/28/2022 09:00	10/28/2022 16:08	SA CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
67-64-1	Acetone	ND		ug/L	1.00	2.00	1	EPA 8260C Certifications:	10/28/2022 09:00	10/28/2022 16:08	SA CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
107-02-8	Acrolein	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	10/28/2022 09:00	10/28/2022 16:08	SA CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
107-13-1	Acrylonitrile	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	10/28/2022 09:00	10/28/2022 16:08	SA CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
71-43-2	Benzene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	10/28/2022 09:00	10/28/2022 16:08	SA CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI

Sample Information

Client Sample ID: MW-7S

York Sample ID: 22J1175-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22J1175	#15209 13-16 Beach Channel Drive	Water	October 21, 2022 7:55 am	10/21/2022

VOA, 8260 LOW MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
74-97-5	Bromochloromethane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	10/28/2022 09:00 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/28/2022 16:08	SA
75-27-4	Bromodichloromethane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	10/28/2022 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	10/28/2022 16:08	SA
75-25-2	Bromoform	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	10/28/2022 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	10/28/2022 16:08	SA
74-83-9	Bromomethane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	10/28/2022 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	10/28/2022 16:08	SA
75-15-0	Carbon disulfide	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	10/28/2022 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	10/28/2022 16:08	SA
56-23-5	Carbon tetrachloride	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	10/28/2022 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	10/28/2022 16:08	SA
108-90-7	Chlorobenzene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	10/28/2022 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	10/28/2022 16:08	SA
75-00-3	Chloroethane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	10/28/2022 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	10/28/2022 16:08	SA
67-66-3	**Chloroform**	**0.490**	J	ug/L	0.200	0.500	1	EPA 8260C Certifications:	10/28/2022 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PA	10/28/2022 16:08	SA
74-87-3	Chloromethane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	10/28/2022 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	10/28/2022 16:08	SA
156-59-2	cis-1,2-Dichloroethylene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	10/28/2022 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	10/28/2022 16:08	SA
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	10/28/2022 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	10/28/2022 16:08	SA
110-82-7	Cyclohexane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	10/28/2022 09:00 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/28/2022 16:08	SA
124-48-1	Dibromochloromethane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	10/28/2022 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	10/28/2022 16:08	SA
74-95-3	Dibromomethane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	10/28/2022 09:00 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/28/2022 16:08	SA
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	10/28/2022 09:00 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/28/2022 16:08	SA
100-41-4	Ethyl Benzene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	10/28/2022 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	10/28/2022 16:08	SA
87-68-3	Hexachlorobutadiene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	10/28/2022 09:00 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/28/2022 16:08	SA
98-82-8	Isopropylbenzene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	10/28/2022 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	10/28/2022 16:08	SA
79-20-9	Methyl acetate	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	10/28/2022 09:00 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/28/2022 16:08	SA
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	10/28/2022 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	10/28/2022 16:08	SA
108-87-2	Methylcyclohexane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	10/28/2022 09:00 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/28/2022 16:08	SA
75-09-2	**Methylene chloride**	**2.11**	B	ug/L	1.00	2.00	1	EPA 8260C Certifications:	10/28/2022 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PA	10/28/2022 16:08	SA

Sample Information

Client Sample ID: MW-7S

York Sample ID: 22J1175-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22J1175	#15209 13-16 Beach Channel Drive	Water	October 21, 2022 7:55 am	10/21/2022

VOA, 8260 LOW MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
91-20-3	Naphthalene	ND		ug/L	1.00	2.00	1	EPA 8260C Certifications:	10/28/2022 09:00 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/28/2022 16:08	SA
104-51-8	n-Butylbenzene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	10/28/2022 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	10/28/2022 16:08	SA
103-65-1	n-Propylbenzene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	10/28/2022 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	10/28/2022 16:08	SA
95-47-6	o-Xylene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	10/28/2022 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP	10/28/2022 16:08	SA
179601-23-1	p- & m- Xylenes	ND		ug/L	0.500	1.00	1	EPA 8260C Certifications:	10/28/2022 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP	10/28/2022 16:08	SA
105-05-5	* p-Diethylbenzene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	10/28/2022 09:00	10/28/2022 16:08	SA
622-96-8	* p-Ethyltoluene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	10/28/2022 09:00	10/28/2022 16:08	SA
99-87-6	p-Isopropyltoluene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	10/28/2022 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	10/28/2022 16:08	SA
135-98-8	sec-Butylbenzene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	10/28/2022 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	10/28/2022 16:08	SA
100-42-5	Styrene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	10/28/2022 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	10/28/2022 16:08	SA
75-65-0	tert-Butyl alcohol (TBA)	ND		ug/L	0.500	1.00	1	EPA 8260C Certifications:	10/28/2022 09:00 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/28/2022 16:08	SA
98-06-6	tert-Butylbenzene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	10/28/2022 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	10/28/2022 16:08	SA
127-18-4	**Tetrachloroethylene**	**1.41**		ug/L	0.200	0.500	1	EPA 8260C Certifications:	10/28/2022 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PA	10/28/2022 16:08	SA
108-88-3	Toluene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	10/28/2022 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	10/28/2022 16:08	SA
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	10/28/2022 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	10/28/2022 16:08	SA
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	10/28/2022 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	10/28/2022 16:08	SA
79-01-6	Trichloroethylene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	10/28/2022 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	10/28/2022 16:08	SA
75-69-4	Trichlorofluoromethane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	10/28/2022 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	10/28/2022 16:08	SA
75-01-4	Vinyl Chloride	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	10/28/2022 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	10/28/2022 16:08	SA
1330-20-7	Xylenes, Total	ND		ug/L	0.600	1.50	1	EPA 8260C Certifications:	10/28/2022 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP	10/28/2022 16:08	SA

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: SURR: 1,2-Dichloroethane-d4*	*101 %*	*69-130*
2037-26-5	*Surrogate: SURR: Toluene-d8*	*100 %*	*81-117*
460-00-4	*Surrogate: SURR: p-Bromofluorobenzene*	*104 %*	*79-122*

Sample Information

Client Sample ID: MW-7S

York Sample ID: 22J1175-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22J1175	#15209 13-16 Beach Channel Drive	Water	October 21, 2022 7:55 am	10/21/2022

Methane, Ethane & Ethylene

Log-in Notes:

Sample Notes:

Sample Prepared by Method: Preparation for GC Analysis

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
74-82-8	* Methane	ND		ug/L	10	1	GC/Headspace Certifications:	10/29/2022 11:22	10/29/2022 13:02	SK
74-84-0	* Ethane	ND		ug/L	10	1	GC/Headspace Certifications:	10/29/2022 11:22	10/29/2022 13:02	SK
74-85-1	* Ethylene (Ethene)	ND		ug/L	10	1	GC/Headspace Certifications:	10/29/2022 11:22	10/29/2022 13:02	SK

Iron by EPA 6010

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3015A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-89-6	Iron	ND		mg/L	0.278	1	EPA 6010D Certifications:	10/28/2022 11:55 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	11/01/2022 14:52	AJL

Iron, Dissolved by EPA 6010

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3015A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-89-6	Iron	ND		mg/L	0.278	1	EPA 6010D Certifications:	10/28/2022 12:27 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	10/31/2022 14:11	AJL

Nitrate as N

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 300

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
14797-55-8	**Nitrate as N**	**3.34**		mg/L	0.0500	1	EPA 300.0 Certifications:	10/21/2022 23:59 NELAC-NY10854,CTDOH-PH-0723,NJDEP,PADEP	10/21/2022 23:59	NJO

Sulfate as SO4

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 300

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
14808-79-8	**Sulfate**	**109**		mg/L	10.0	10	EPA 300.0 Certifications:	10/24/2022 20:26 NELAC-NY10854,CTDOH-PH-0723,NJDEP,PADEP	10/24/2022 20:26	NJO

Sulfide

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
18496-25-8	**Sulfide**	**1.6**	CONT-01, HT-01	mg/L	1.0	1	SM 4500-S F Certifications:	11/01/2022 08:56 CTDOH-PH-0723,NJDEP,NELAC-NY10854,PADEP	11/01/2022 08:56	AD

Sample Information

Client Sample ID: **MW-7S** **York Sample ID:** **22J1175-03**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22J1175	#15209 13-16 Beach Channel Drive	Water	October 21, 2022 7:55 am	10/21/2022

Sample Information

Client Sample ID: **MW-8I** **York Sample ID:** **22J1175-04**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22J1175	#15209 13-16 Beach Channel Drive	Water	October 21, 2022 7:10 am	10/21/2022

Analyzed by: Phoenix Environmental Labs, Inc.

SM5310B-14

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

Sample Prepared by Method: SM5310B-14

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
PHNX - TOC	**Total Organic Carbon**	**1.7**		mg/L	1.0	1.0	1	SM5310B-14	10/25/2022 17:11	10/25/2022 17:11	CT007
								Certifications:			

VOA, 8260 LOW MASTER

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

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/L	0.200	0.500	1	EPA 8260C	10/28/2022 09:00	10/28/2022 16:34	SA
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
71-55-6	1,1,1-Trichloroethane	ND		ug/L	0.200	0.500	1	EPA 8260C	10/28/2022 09:00	10/28/2022 16:34	SA
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.200	0.500	1	EPA 8260C	10/28/2022 09:00	10/28/2022 16:34	SA
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/L	0.200	0.500	1	EPA 8260C	10/28/2022 09:00	10/28/2022 16:34	SA
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.200	0.500	1	EPA 8260C	10/28/2022 09:00	10/28/2022 16:34	SA
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
75-34-3	1,1-Dichloroethane	ND		ug/L	0.200	0.500	1	EPA 8260C	10/28/2022 09:00	10/28/2022 16:34	SA
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.200	0.500	1	EPA 8260C	10/28/2022 09:00	10/28/2022 16:34	SA
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	0.200	0.500	1	EPA 8260C	10/28/2022 09:00	10/28/2022 16:34	SA
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
96-18-4	1,2,3-Trichloropropane	ND		ug/L	0.200	0.500	1	EPA 8260C	10/28/2022 09:00	10/28/2022 16:34	SA
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.200	0.500	1	EPA 8260C	10/28/2022 09:00	10/28/2022 16:34	SA
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	0.200	0.500	1	EPA 8260C	10/28/2022 09:00	10/28/2022 16:34	SA
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.200	0.500	1	EPA 8260C	10/28/2022 09:00	10/28/2022 16:34	SA
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
106-93-4	1,2-Dibromoethane	ND		ug/L	0.200	0.500	1	EPA 8260C	10/28/2022 09:00	10/28/2022 16:34	SA
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		

Sample Information

Client Sample ID: **MW-8I** **York Sample ID:** **22J1175-04**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22J1175	#15209 13-16 Beach Channel Drive	Water	October 21, 2022 7:10 am	10/21/2022

VOA, 8260 LOW MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	10/28/2022 09:00	10/28/2022 16:34	SA CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
107-06-2	1,2-Dichloroethane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	10/28/2022 09:00	10/28/2022 16:34	SA CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
78-87-5	1,2-Dichloropropane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	10/28/2022 09:00	10/28/2022 16:34	SA CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	10/28/2022 09:00	10/28/2022 16:34	SA CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	10/28/2022 09:00	10/28/2022 16:34	SA CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
142-28-9	1,3-Dichloropropane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	10/28/2022 09:00	10/28/2022 16:34	SA NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	10/28/2022 09:00	10/28/2022 16:34	SA CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
123-91-1	1,4-Dioxane	ND		ug/L	40.0	80.0	1	EPA 8260C Certifications:	10/28/2022 09:00	10/28/2022 16:34	SA NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
78-93-3	2-Butanone	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	10/28/2022 09:00	10/28/2022 16:34	SA CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
591-78-6	2-Hexanone	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	10/28/2022 09:00	10/28/2022 16:34	SA CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
108-10-1	4-Methyl-2-pentanone	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	10/28/2022 09:00	10/28/2022 16:34	SA CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
67-64-1	Acetone	ND		ug/L	1.00	2.00	1	EPA 8260C Certifications:	10/28/2022 09:00	10/28/2022 16:34	SA CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
107-02-8	Acrolein	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	10/28/2022 09:00	10/28/2022 16:34	SA CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
107-13-1	Acrylonitrile	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	10/28/2022 09:00	10/28/2022 16:34	SA CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
71-43-2	Benzene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	10/28/2022 09:00	10/28/2022 16:34	SA CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
74-97-5	Bromochloromethane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	10/28/2022 09:00	10/28/2022 16:34	SA NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
75-27-4	Bromodichloromethane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	10/28/2022 09:00	10/28/2022 16:34	SA CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
75-25-2	Bromoform	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	10/28/2022 09:00	10/28/2022 16:34	SA CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
74-83-9	Bromomethane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	10/28/2022 09:00	10/28/2022 16:34	SA CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
75-15-0	**Carbon disulfide**	**0.220**	J	ug/L	0.200	0.500	1	EPA 8260C Certifications:	10/28/2022 09:00	10/28/2022 16:34	SA CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PA
56-23-5	Carbon tetrachloride	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	10/28/2022 09:00	10/28/2022 16:34	SA CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
108-90-7	Chlorobenzene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	10/28/2022 09:00	10/28/2022 16:34	SA CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
75-00-3	Chloroethane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	10/28/2022 09:00	10/28/2022 16:34	SA CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI

Sample Information

Client Sample ID: MW-8I

York Sample ID: 22J1175-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22J1175	#15209 13-16 Beach Channel Drive	Water	October 21, 2022 7:10 am	10/21/2022

VOA, 8260 LOW MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
67-66-3	**Chloroform**	**0.450**	J	ug/L	0.200	0.500	1	EPA 8260C	10/28/2022 09:00	10/28/2022 16:34	SA
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PA		
74-87-3	Chloromethane	ND		ug/L	0.200	0.500	1	EPA 8260C	10/28/2022 09:00	10/28/2022 16:34	SA
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
156-59-2	cis-1,2-Dichloroethylene	ND		ug/L	0.200	0.500	1	EPA 8260C	10/28/2022 09:00	10/28/2022 16:34	SA
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.200	0.500	1	EPA 8260C	10/28/2022 09:00	10/28/2022 16:34	SA
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
110-82-7	Cyclohexane	ND		ug/L	0.200	0.500	1	EPA 8260C	10/28/2022 09:00	10/28/2022 16:34	SA
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
124-48-1	Dibromochloromethane	ND		ug/L	0.200	0.500	1	EPA 8260C	10/28/2022 09:00	10/28/2022 16:34	SA
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
74-95-3	Dibromomethane	ND		ug/L	0.200	0.500	1	EPA 8260C	10/28/2022 09:00	10/28/2022 16:34	SA
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.200	0.500	1	EPA 8260C	10/28/2022 09:00	10/28/2022 16:34	SA
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
100-41-4	Ethyl Benzene	ND		ug/L	0.200	0.500	1	EPA 8260C	10/28/2022 09:00	10/28/2022 16:34	SA
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
87-68-3	Hexachlorobutadiene	ND		ug/L	0.200	0.500	1	EPA 8260C	10/28/2022 09:00	10/28/2022 16:34	SA
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
98-82-8	Isopropylbenzene	ND		ug/L	0.200	0.500	1	EPA 8260C	10/28/2022 09:00	10/28/2022 16:34	SA
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
79-20-9	Methyl acetate	ND		ug/L	0.200	0.500	1	EPA 8260C	10/28/2022 09:00	10/28/2022 16:34	SA
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.200	0.500	1	EPA 8260C	10/28/2022 09:00	10/28/2022 16:34	SA
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
108-87-2	Methylcyclohexane	ND		ug/L	0.200	0.500	1	EPA 8260C	10/28/2022 09:00	10/28/2022 16:34	SA
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-09-2	**Methylene chloride**	**2.13**	B	ug/L	1.00	2.00	1	EPA 8260C	10/28/2022 09:00	10/28/2022 16:34	SA
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PA		
91-20-3	Naphthalene	ND		ug/L	1.00	2.00	1	EPA 8260C	10/28/2022 09:00	10/28/2022 16:34	SA
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
104-51-8	n-Butylbenzene	ND		ug/L	0.200	0.500	1	EPA 8260C	10/28/2022 09:00	10/28/2022 16:34	SA
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
103-65-1	n-Propylbenzene	ND		ug/L	0.200	0.500	1	EPA 8260C	10/28/2022 09:00	10/28/2022 16:34	SA
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
95-47-6	o-Xylene	ND		ug/L	0.200	0.500	1	EPA 8260C	10/28/2022 09:00	10/28/2022 16:34	SA
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP		
179601-23-1	p- & m- Xylenes	ND		ug/L	0.500	1.00	1	EPA 8260C	10/28/2022 09:00	10/28/2022 16:34	SA
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP		
105-05-5	* p-Diethylbenzene	ND		ug/L	0.200	0.500	1	EPA 8260C	10/28/2022 09:00	10/28/2022 16:34	SA
								Certifications:			
622-96-8	* p-Ethyltoluene	ND		ug/L	0.200	0.500	1	EPA 8260C	10/28/2022 09:00	10/28/2022 16:34	SA
								Certifications:			
99-87-6	p-Isopropyltoluene	ND		ug/L	0.200	0.500	1	EPA 8260C	10/28/2022 09:00	10/28/2022 16:34	SA
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		

Sample Information

Client Sample ID: MW-8I

York Sample ID: 22J1175-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22J1175	#15209 13-16 Beach Channel Drive	Water	October 21, 2022 7:10 am	10/21/2022

VOA, 8260 LOW MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
135-98-8	sec-Butylbenzene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	10/28/2022 09:00	10/28/2022 16:34	SA CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
100-42-5	Styrene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	10/28/2022 09:00	10/28/2022 16:34	SA CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
75-65-0	tert-Butyl alcohol (TBA)	ND		ug/L	0.500	1.00	1	EPA 8260C Certifications:	10/28/2022 09:00	10/28/2022 16:34	SA NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
98-06-6	tert-Butylbenzene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	10/28/2022 09:00	10/28/2022 16:34	SA CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
127-18-4	**Tetrachloroethylene**	**1.24**		ug/L	0.200	0.500	1	EPA 8260C Certifications:	10/28/2022 09:00	10/28/2022 16:34	SA CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PA
108-88-3	**Toluene**	**0.210**	J	ug/L	0.200	0.500	1	EPA 8260C Certifications:	10/28/2022 09:00	10/28/2022 16:34	SA CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PA
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	10/28/2022 09:00	10/28/2022 16:34	SA CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	10/28/2022 09:00	10/28/2022 16:34	SA CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
79-01-6	Trichloroethylene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	10/28/2022 09:00	10/28/2022 16:34	SA CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
75-69-4	Trichlorofluoromethane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	10/28/2022 09:00	10/28/2022 16:34	SA CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
75-01-4	Vinyl Chloride	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	10/28/2022 09:00	10/28/2022 16:34	SA CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
1330-20-7	Xylenes, Total	ND		ug/L	0.600	1.50	1	EPA 8260C Certifications:	10/28/2022 09:00	10/28/2022 16:34	SA CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: SURR: 1,2-Dichloroethane-d4*	*90.4 %*	*69-130*
2037-26-5	*Surrogate: SURR: Toluene-d8*	*102 %*	*81-117*
460-00-4	*Surrogate: SURR: p-Bromofluorobenzene*	*102 %*	*79-122*

Methane, Ethane & Ethylene

Log-in Notes:

Sample Notes:

Sample Prepared by Method: Preparation for GC Analysis

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
74-82-8	* Methane	ND		ug/L	10	1	GC/Headspace Certifications:	10/29/2022 11:22	10/29/2022 13:11	SK
74-84-0	* Ethane	ND		ug/L	10	1	GC/Headspace Certifications:	10/29/2022 11:22	10/29/2022 13:11	SK
74-85-1	* Ethylene (Ethene)	ND		ug/L	10	1	GC/Headspace Certifications:	10/29/2022 11:22	10/29/2022 13:11	SK

Iron by EPA 6010

Log-in Notes:

Sample Notes:

Sample Information

Client Sample ID: MW-8I

York Sample ID: 22J1175-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22J1175	#15209 13-16 Beach Channel Drive	Water	October 21, 2022 7:10 am	10/21/2022

Sample Prepared by Method: EPA 3015A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-89-6	**Iron**	**1.25**		mg/L	0.278	1	EPA 6010D	10/24/2022 09:36	10/25/2022 14:23	AJL
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		

Iron, Dissolved by EPA 6010

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3015A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-89-6	Iron	ND		mg/L	0.278	1	EPA 6010D	10/28/2022 12:27	10/31/2022 14:14	AJL
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		

Nitrate as N

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 300

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
14797-55-8	**Nitrate as N**	**2.23**		mg/L	0.0500	1	EPA 300.0	10/21/2022 23:49	10/21/2022 23:49	NJO
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP,PADEP		

Sulfate as SO4

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 300

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
14808-79-8	**Sulfate**	**120**		mg/L	10.0	10	EPA 300.0	10/24/2022 20:36	10/24/2022 20:36	NJO
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP,PADEP		

Sulfide

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
18496-25-8	**Sulfide**	**1.6**	CONT-01, HT-01	mg/L	1.0	1	SM 4500-S F	11/01/2022 08:56	11/01/2022 08:56	AD
							Certifications:	CTDOH-PH-0723,NJDEP,NELAC-NY10854,PADEP		

Analytical Batch Summary

Batch ID: 10/25/2022 4:29:17 PM **Preparation Method:** SM5310B-14 **Prepared By:**

YORK Sample ID	Client Sample ID	Preparation Date
22J1175-01	MW-9S	10/25/22

Batch ID: 10/25/2022 4:43:28 PM **Preparation Method:** SM5310B-14 **Prepared By:**

YORK Sample ID	Client Sample ID	Preparation Date
22J1175-02	MW-9I	10/25/22

Batch ID: 10/25/2022 4:57:34 PM **Preparation Method:** SM5310B-14 **Prepared By:**

YORK Sample ID	Client Sample ID	Preparation Date
22J1175-03	MW-7S	10/25/22

Batch ID: 10/25/2022 5:11:57 PM **Preparation Method:** SM5310B-14 **Prepared By:**

YORK Sample ID	Client Sample ID	Preparation Date
22J1175-04	MW-8I	10/25/22

Batch ID: BJ21352 **Preparation Method:** EPA 3015A **Prepared By:** cw

YORK Sample ID	Client Sample ID	Preparation Date
22J1175-04	MW-8I	10/24/22
BJ21352-BLK1	Blank	10/24/22
BJ21352-BS1	LCS	10/24/22
BJ21352-DUP1	Duplicate	10/24/22
BJ21352-MS1	Matrix Spike	10/24/22
BJ21352-PS1	Post Spike	10/24/22

Batch ID: BJ21380 **Preparation Method:** EPA 300 **Prepared By:** NJO

YORK Sample ID	Client Sample ID	Preparation Date
22J1175-01	MW-9S	10/22/22
22J1175-02	MW-9I	10/22/22
22J1175-03	MW-7S	10/21/22
22J1175-04	MW-8I	10/21/22
BJ21380-BLK1	Blank	10/21/22
BJ21380-BS1	LCS	10/21/22
BJ21380-DUP1	Duplicate	10/21/22
BJ21380-MS1	Matrix Spike	10/21/22
BJ21380-MS2	Matrix Spike	10/21/22

Batch ID: BJ21467 **Preparation Method:** EPA 300 **Prepared By:** NJO

YORK Sample ID	Client Sample ID	Preparation Date
22J1175-01	MW-9S	10/24/22
22J1175-02	MW-9I	10/24/22
22J1175-03	MW-7S	10/24/22
22J1175-04	MW-8I	10/24/22
BJ21467-BLK1	Blank	10/24/22
BJ21467-BS1	LCS	10/24/22
BJ21467-DUP1	Duplicate	10/24/22
BJ21467-MS1	Matrix Spike	10/24/22

Batch ID: BJ21675 **Preparation Method:** EPA 5030B **Prepared By:** SMA

YORK Sample ID	Client Sample ID	Preparation Date
22J1175-01	MW-9S	10/28/22
22J1175-02	MW-9I	10/28/22
22J1175-03	MW-7S	10/28/22
22J1175-04	MW-8I	10/28/22
BJ21675-BLK1	Blank	10/28/22
BJ21675-BS1	LCS	10/28/22
BJ21675-BSD1	LCS Dup	10/28/22

Batch ID: BJ21691 **Preparation Method:** EPA 3015A **Prepared By:** cw

YORK Sample ID	Client Sample ID	Preparation Date
22J1175-01	MW-9S	10/28/22
22J1175-02	MW-9I	10/28/22
22J1175-03	MW-7S	10/28/22
BJ21691-BLK1	Blank	10/28/22
BJ21691-BS1	LCS	10/28/22
BJ21691-DUP1	Duplicate	10/28/22
BJ21691-MS1	Matrix Spike	10/28/22
BJ21691-PS1	Post Spike	10/28/22

Batch ID: BJ21695 **Preparation Method:** EPA 3015A **Prepared By:** cw

YORK Sample ID	Client Sample ID	Preparation Date
22J1175-01	MW-9S	10/28/22
22J1175-02	MW-9I	10/28/22
22J1175-03	MW-7S	10/28/22
22J1175-04	MW-8I	10/28/22
BJ21695-BLK1	Blank	10/28/22
BJ21695-BS1	LCS	10/28/22
BJ21695-DUP1	Duplicate	10/28/22
BJ21695-MS1	Matrix Spike	10/28/22
BJ21695-PS1	Post Spike	10/28/22

Batch ID: BJ21743 **Preparation Method:** Preparation for GC Analysis **Prepared By:** RQB

YORK Sample ID	Client Sample ID	Preparation Date
22J1175-01	MW-9S	10/29/22
22J1175-02	MW-9I	10/29/22
22J1175-03	MW-7S	10/29/22
22J1175-04	MW-8I	10/29/22
BJ21743-BLK1	Blank	10/29/22
BJ21743-DUP1	Duplicate	10/29/22

Batch ID: BK20016 **Preparation Method:** Analysis Preparation **Prepared By:** AD

YORK Sample ID	Client Sample ID	Preparation Date
22J1175-01	MW-9S	11/01/22
22J1175-02	MW-9I	11/01/22
22J1175-03	MW-7S	11/01/22
22J1175-04	MW-8I	11/01/22
BK20016-BLK1	Blank	11/01/22
BK20016-BS1	LCS	11/01/22
BK20016-DUP1	Duplicate	11/01/22

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 BJ21675 - EPA 5030B											
Blank (BJ21675-BLK1)											Prepared & Analyzed: 10/28/2022
1,1,1,2-Tetrachloroethane	ND	0.500	ug/L								
1,1,1-Trichloroethane	ND	0.500	"								
1,1,2,2-Tetrachloroethane	ND	0.500	"								
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	0.500	"								
1,1,2-Trichloroethane	ND	0.500	"								
1,1-Dichloroethane	ND	0.500	"								
1,1-Dichloroethylene	ND	0.500	"								
1,2,3-Trichlorobenzene	ND	0.500	"								
1,2,3-Trichloropropane	ND	0.500	"								
1,2,4-Trichlorobenzene	ND	0.500	"								
1,2,4-Trimethylbenzene	ND	0.500	"								
1,2-Dibromo-3-chloropropane	ND	0.500	"								
1,2-Dibromoethane	ND	0.500	"								
1,2-Dichlorobenzene	ND	0.500	"								
1,2-Dichloroethane	ND	0.500	"								
1,2-Dichloropropane	ND	0.500	"								
1,3,5-Trimethylbenzene	ND	0.500	"								
1,3-Dichlorobenzene	ND	0.500	"								
1,3-Dichloropropane	ND	0.500	"								
1,4-Dichlorobenzene	ND	0.500	"								
1,4-Dioxane	ND	80.0	"								
2-Butanone	ND	0.500	"								
2-Hexanone	ND	0.500	"								
4-Methyl-2-pentanone	ND	0.500	"								
Acetone	ND	2.00	"								
Acrolein	ND	0.500	"								
Acrylonitrile	ND	0.500	"								
Benzene	ND	0.500	"								
Bromochloromethane	ND	0.500	"								
Bromodichloromethane	ND	0.500	"								
Bromoform	ND	0.500	"								
Bromomethane	ND	0.500	"								
Carbon disulfide	ND	0.500	"								
Carbon tetrachloride	ND	0.500	"								
Chlorobenzene	ND	0.500	"								
Chloroethane	ND	0.500	"								
Chloroform	ND	0.500	"								
Chloromethane	ND	0.500	"								
cis-1,2-Dichloroethylene	ND	0.500	"								
cis-1,3-Dichloropropylene	ND	0.500	"								
Cyclohexane	ND	0.500	"								
Dibromochloromethane	ND	0.500	"								
Dibromomethane	ND	0.500	"								
Dichlorodifluoromethane	ND	0.500	"								
Ethyl Benzene	ND	0.500	"								
Hexachlorobutadiene	ND	0.500	"								
Isopropylbenzene	ND	0.500	"								
Methyl acetate	ND	0.500	"								
Methyl tert-butyl ether (MTBE)	ND	0.500	"								

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BJ21675 - EPA 5030B											
Blank (BJ21675-BLK1)								Prepared & Analyzed: 10/28/2022			
Methylcyclohexane	ND	0.500	ug/L								
Methylene chloride	2.35	2.00	"								
Naphthalene	ND	2.00	"								
n-Butylbenzene	ND	0.500	"								
n-Propylbenzene	ND	0.500	"								
o-Xylene	ND	0.500	"								
p- & m- Xylenes	ND	1.00	"								
p-Diethylbenzene	ND	0.500	"								
p-Ethyltoluene	ND	0.500	"								
p-Isopropyltoluene	ND	0.500	"								
sec-Butylbenzene	ND	0.500	"								
Styrene	ND	0.500	"								
tert-Butyl alcohol (TBA)	ND	1.00	"								
tert-Butylbenzene	ND	0.500	"								
Tetrachloroethylene	ND	0.500	"								
Toluene	ND	0.500	"								
trans-1,2-Dichloroethylene	ND	0.500	"								
trans-1,3-Dichloropropylene	ND	0.500	"								
Trichloroethylene	ND	0.500	"								
Trichlorofluoromethane	ND	0.500	"								
Vinyl Chloride	ND	0.500	"								
Xylenes, Total	ND	1.50	"								
Surrogate: SURR: 1,2-Dichloroethane-d4	*10.2*		*"*	*10.0*		*102*	*69-130*				
Surrogate: SURR: Toluene-d8	*9.77*		*"*	*10.0*		*97.7*	*81-117*				
Surrogate: SURR: p-Bromofluorobenzene	*10.2*		*"*	*10.0*		*102*	*79-122*				
LCS (BJ21675-BS1)								Prepared & Analyzed: 10/28/2022			
1,1,1,2-Tetrachloroethane	8.85		ug/L	10.0		88.5	82-126				
1,1,1-Trichloroethane	8.85		"	10.0		88.5	78-136				
1,1,2,2-Tetrachloroethane	10.8		"	10.0		108	76-129				
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	8.39		"	10.0		83.9	54-165				
1,1,2-Trichloroethane	9.23		"	10.0		92.3	82-123				
1,1-Dichloroethane	8.71		"	10.0		87.1	82-129				
1,1-Dichloroethylene	9.32		"	10.0		93.2	68-138				
1,2,3-Trichlorobenzene	8.81		"	10.0		88.1	76-136				
1,2,3-Trichloropropane	9.74		"	10.0		97.4	77-128				
1,2,4-Trichlorobenzene	9.79		"	10.0		97.9	76-137				
1,2,4-Trimethylbenzene	9.46		"	10.0		94.6	82-132				
1,2-Dibromo-3-chloropropane	5.11		"	10.0		51.1	45-147				
1,2-Dibromoethane	10.1		"	10.0		101	83-124				
1,2-Dichlorobenzene	9.59		"	10.0		95.9	79-123				
1,2-Dichloroethane	8.67		"	10.0		86.7	73-132				
1,2-Dichloropropane	9.67		"	10.0		96.7	78-126				
1,3,5-Trimethylbenzene	9.36		"	10.0		93.6	80-131				
1,3-Dichlorobenzene	9.46		"	10.0		94.6	86-122				
1,3-Dichloropropane	9.04		"	10.0		90.4	81-125				
1,4-Dichlorobenzene	9.38		"	10.0		93.8	85-124				
1,4-Dioxane	7.78		"	210		3.70	10-349	Low Bias			
2-Butanone	9.32		"	10.0		93.2	49-152				
2-Hexanone	7.14		"	10.0		71.4	51-146				

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BJ21675 - EPA 5030B											
LCS (BJ21675-BS1)								Prepared & Analyzed: 10/28/2022			
4-Methyl-2-pentanone	7.67		ug/L	10.0		76.7	57-145				
Acetone	0.640		"	10.0		6.40	14-150	Low Bias			
Acrolein	6.69		"	10.0		66.9	10-153				
Acrylonitrile	8.24		"	10.0		82.4	51-150				
Benzene	9.21		"	10.0		92.1	85-126				
Bromochloromethane	9.13		"	10.0		91.3	77-128				
Bromodichloromethane	8.64		"	10.0		86.4	79-128				
Bromoform	9.45		"	10.0		94.5	78-133				
Bromomethane	10.7		"	10.0		107	43-168				
Carbon disulfide	9.83		"	10.0		98.3	68-146				
Carbon tetrachloride	8.94		"	10.0		89.4	77-141				
Chlorobenzene	9.65		"	10.0		96.5	88-120				
Chloroethane	10.0		"	10.0		100	65-136				
Chloroform	9.13		"	10.0		91.3	82-128				
Chloromethane	10.4		"	10.0		104	43-155				
cis-1,2-Dichloroethylene	8.85		"	10.0		88.5	83-129				
cis-1,3-Dichloropropylene	9.17		"	10.0		91.7	80-131				
Cyclohexane	9.27		"	10.0		92.7	63-149				
Dibromochloromethane	8.95		"	10.0		89.5	80-130				
Dibromomethane	9.12		"	10.0		91.2	72-134				
Dichlorodifluoromethane	10.3		"	10.0		103	44-144				
Ethyl Benzene	9.25		"	10.0		92.5	80-131				
Hexachlorobutadiene	9.06		"	10.0		90.6	67-146				
Isopropylbenzene	9.57		"	10.0		95.7	76-140				
Methyl acetate	8.56		"	10.0		85.6	51-139				
Methyl tert-butyl ether (MTBE)	8.98		"	10.0		89.8	76-135				
Methylcyclohexane	8.87		"	10.0		88.7	72-143				
Methylene chloride	9.47		"	10.0		94.7	55-137				
Naphthalene	10.2		"	10.0		102	70-147				
n-Butylbenzene	9.50		"	10.0		95.0	79-132				
n-Propylbenzene	9.49		"	10.0		94.9	78-133				
o-Xylene	9.21		"	10.0		92.1	78-130				
p- & m- Xylenes	18.8		"	20.0		94.0	77-133				
p-Diethylbenzene	9.92		"	10.0		99.2	84-134				
p-Ethyltoluene	9.68		"	10.0		96.8	88-129				
p-Isopropyltoluene	9.37		"	10.0		93.7	81-136				
sec-Butylbenzene	9.23		"	10.0		92.3	79-137				
Styrene	9.77		"	10.0		97.7	67-132				
tert-Butyl alcohol (TBA)	39.6		"	50.0		79.2	25-162				
tert-Butylbenzene	9.13		"	10.0		91.3	77-138				
Tetrachloroethylene	6.17		"	10.0		61.7	82-131	Low Bias			
Toluene	9.22		"	10.0		92.2	80-127				
trans-1,2-Dichloroethylene	9.38		"	10.0		93.8	80-132				
trans-1,3-Dichloropropylene	8.04		"	10.0		80.4	78-131				
Trichloroethylene	9.34		"	10.0		93.4	82-128				
Trichlorofluoromethane	9.32		"	10.0		93.2	67-139				
Vinyl Chloride	10.5		"	10.0		105	58-145				
Surrogate: SURR: 1,2-Dichloroethane-d4	*9.93*		*"*	*10.0*		*99.3*	*69-130*				
Surrogate: SURR: Toluene-d8	*10.0*		*"*	*10.0*		*100*	*81-117*				
Surrogate: SURR: p-Bromofluorobenzene	*9.87*		*"*	*10.0*		*98.7*	*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 BJ21675 - EPA 5030B											
LCS Dup (BJ21675-BSD1)								Prepared & Analyzed: 10/28/2022			
1,1,1,2-Tetrachloroethane	9.05		ug/L	10.0		90.5	82-126		2.23	30	
1,1,1-Trichloroethane	9.51		"	10.0		95.1	78-136		7.19	30	
1,1,2,2-Tetrachloroethane	11.3		"	10.0		113	76-129		4.88	30	
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	9.55		"	10.0		95.5	54-165		12.9	30	
1,1,2-Trichloroethane	9.52		"	10.0		95.2	82-123		3.09	30	
1,1-Dichloroethane	9.47		"	10.0		94.7	82-129		8.36	30	
1,1-Dichloroethylene	10.0		"	10.0		100	68-138		7.54	30	
1,2,3-Trichlorobenzene	9.27		"	10.0		92.7	76-136		5.09	30	
1,2,3-Trichloropropane	10.0		"	10.0		100	77-128		2.83	30	
1,2,4-Trichlorobenzene	9.83		"	10.0		98.3	76-137		0.408	30	
1,2,4-Trimethylbenzene	9.64		"	10.0		96.4	82-132		1.88	30	
1,2-Dibromo-3-chloropropane	3.62		"	10.0		36.2	45-147	Low Bias	34.1	30	Non-dir.
1,2-Dibromoethane	11.4		"	10.0		114	83-124		11.8	30	
1,2-Dichlorobenzene	9.73		"	10.0		97.3	79-123		1.45	30	
1,2-Dichloroethane	9.52		"	10.0		95.2	73-132		9.35	30	
1,2-Dichloropropane	9.89		"	10.0		98.9	78-126		2.25	30	
1,3,5-Trimethylbenzene	9.29		"	10.0		92.9	80-131		0.751	30	
1,3-Dichlorobenzene	9.68		"	10.0		96.8	86-122		2.30	30	
1,3-Dichloropropane	9.82		"	10.0		98.2	81-125		8.27	30	
1,4-Dichlorobenzene	9.36		"	10.0		93.6	85-124		0.213	30	
1,4-Dioxane	179		"	210		85.3	10-349		183	30	Non-dir.
2-Butanone	10.2		"	10.0		102	49-152		8.62	30	
2-Hexanone	8.06		"	10.0		80.6	51-146		12.1	30	
4-Methyl-2-pentanone	8.76		"	10.0		87.6	57-145		13.3	30	
Acetone	6.64		"	10.0		66.4	14-150		165	30	Non-dir.
Acrolein	9.90		"	10.0		99.0	10-153		38.7	30	Non-dir.
Acrylonitrile	9.33		"	10.0		93.3	51-150		12.4	30	
Benzene	9.75		"	10.0		97.5	85-126		5.70	30	
Bromochloromethane	10.3		"	10.0		103	77-128		12.0	30	
Bromodichloromethane	8.83		"	10.0		88.3	79-128		2.18	30	
Bromoform	10.7		"	10.0		107	78-133		12.0	30	
Bromomethane	11.1		"	10.0		111	43-168		3.49	30	
Carbon disulfide	10.4		"	10.0		104	68-146		5.35	30	
Carbon tetrachloride	9.55		"	10.0		95.5	77-141		6.60	30	
Chlorobenzene	9.80		"	10.0		98.0	88-120		1.54	30	
Chloroethane	10.6		"	10.0		106	65-136		5.91	30	
Chloroform	9.58		"	10.0		95.8	82-128		4.81	30	
Chloromethane	10.4		"	10.0		104	43-155		0.866	30	
cis-1,2-Dichloroethylene	9.63		"	10.0		96.3	83-129		8.44	30	
cis-1,3-Dichloropropylene	9.65		"	10.0		96.5	80-131		5.10	30	
Cyclohexane	10.1		"	10.0		101	63-149		8.47	30	
Dibromochloromethane	9.98		"	10.0		99.8	80-130		10.9	30	
Dibromomethane	9.96		"	10.0		99.6	72-134		8.81	30	
Dichlorodifluoromethane	10.7		"	10.0		107	44-144		3.82	30	
Ethyl Benzene	9.65		"	10.0		96.5	80-131		4.23	30	
Hexachlorobutadiene	9.20		"	10.0		92.0	67-146		1.53	30	
Isopropylbenzene	9.42		"	10.0		94.2	76-140		1.58	30	
Methyl acetate	10.1		"	10.0		101	51-139		16.6	30	
Methyl tert-butyl ether (MTBE)	10.2		"	10.0		102	76-135		12.7	30	
Methylcyclohexane	9.27		"	10.0		92.7	72-143		4.41	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 BJ21675 - EPA 5030B											
LCS Dup (BJ21675-BSD1)								Prepared & Analyzed: 10/28/2022			
Methylene chloride	9.94		ug/L	10.0		99.4	55-137		4.84	30	
Naphthalene	11.1		"	10.0		111	70-147		9.01	30	
n-Butylbenzene	9.56		"	10.0		95.6	79-132		0.630	30	
n-Propylbenzene	9.39		"	10.0		93.9	78-133		1.06	30	
o-Xylene	9.51		"	10.0		95.1	78-130		3.21	30	
p- & m- Xylenes	19.5		"	20.0		97.4	77-133		3.55	30	
p-Diethylbenzene	9.82		"	10.0		98.2	84-134		1.01	30	
p-Ethyltoluene	9.79		"	10.0		97.9	88-129		1.13	30	
p-Isopropyltoluene	9.41		"	10.0		94.1	81-136		0.426	30	
sec-Butylbenzene	9.39		"	10.0		93.9	79-137		1.72	30	
Styrene	10.2		"	10.0		102	67-132		3.91	30	
tert-Butyl alcohol (TBA)	55.3		"	50.0		111	25-162		33.1	30	Non-dir.
tert-Butylbenzene	9.32		"	10.0		93.2	77-138		2.06	30	
Tetrachloroethylene	6.47		"	10.0		64.7	82-131	Low Bias	4.75	30	
Toluene	9.49		"	10.0		94.9	80-127		2.89	30	
trans-1,2-Dichloroethylene	9.68		"	10.0		96.8	80-132		3.15	30	
trans-1,3-Dichloropropylene	9.05		"	10.0		90.5	78-131		11.8	30	
Trichloroethylene	9.30		"	10.0		93.0	82-128		0.429	30	
Trichlorofluoromethane	9.90		"	10.0		99.0	67-139		6.04	30	
Vinyl Chloride	10.8		"	10.0		108	58-145		1.97	30	
Surrogate: SURR: 1,2-Dichloroethane-d4	*10.6*		*"*	*10.0*		*106*	*69-130*				
Surrogate: SURR: Toluene-d8	*9.92*		*"*	*10.0*		*99.2*	*81-117*				
Surrogate: SURR: p-Bromofluorobenzene	*9.66*		*"*	*10.0*		*96.6*	*79-122*				

Gas Chromatography/Flame Ionization Detector - 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 BJ21743 - Preparation for GC Analysis											
Blank (BJ21743-BLK1)									Prepared & Analyzed: 10/29/2022		
Methane	ND	10	ug/L								
Ethane	ND	10	"								
Ethylene (Ethene)	ND	10	"								
Duplicate (BJ21743-DUP1)	*Source sample: 22J1446-01 (Duplicate)								Prepared & Analyzed: 10/29/2022		
Methane	1000	10	ug/L		760				27.9	35	
Ethane	ND	10	"		ND					35	
Ethylene (Ethene)	ND	10	"		ND					35	

Metals by ICP - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BJ21352 - EPA 3015A											
Blank (BJ21352-BLK1)									Prepared: 10/24/2022 Analyzed: 10/25/2022		
Iron	ND	0.278	mg/L								
LCS (BJ21352-BS1)									Prepared: 10/24/2022 Analyzed: 10/25/2022		
Iron	0.973		ug/mL	1.00		97.3	80-120				
Duplicate (BJ21352-DUP1)	*Source sample: 22J0805-08 (Duplicate)								Prepared: 10/24/2022 Analyzed: 10/25/2022		
Iron	ND	0.278	mg/L		ND					20	
Matrix Spike (BJ21352-MS1)	*Source sample: 22J0805-08 (Matrix Spike)								Prepared: 10/24/2022 Analyzed: 10/25/2022		
Iron	1.19	0.278	mg/L	1.11	ND	107	75-125				
Post Spike (BJ21352-PS1)	*Source sample: 22J0805-08 (Post Spike)								Prepared: 10/24/2022 Analyzed: 10/25/2022		
Iron	1.21		ug/mL	1.00	0.138	107	75-125				
Batch BJ21691 - EPA 3015A											
Blank (BJ21691-BLK1)									Prepared: 10/28/2022 Analyzed: 10/31/2022		
Iron	ND	0.278	mg/L								
LCS (BJ21691-BS1)									Prepared: 10/28/2022 Analyzed: 10/31/2022		
Iron	1.05		ug/mL	1.00		105	80-120				
Duplicate (BJ21691-DUP1)	*Source sample: 22J1287-10 (Duplicate)								Prepared: 10/28/2022 Analyzed: 11/01/2022		
Iron	ND	0.278	mg/L		ND					20	
Matrix Spike (BJ21691-MS1)	*Source sample: 22J1287-10 (Matrix Spike)								Prepared: 10/28/2022 Analyzed: 11/01/2022		
Iron	1.01	0.278	mg/L	1.11	ND	90.5	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 BJ21691 - EPA 3015A											
Post Spike (BJ21691-PS1)	*Source sample: 22J1287-10 (Post Spike)								Prepared: 10/28/2022 Analyzed: 11/01/2022		
Iron	1.08		ug/mL	1.00	0.0819	100	75-125				
Batch BJ21695 - EPA 3015A											
Blank (BJ21695-BLK1)									Prepared: 10/28/2022 Analyzed: 10/31/2022		
Iron - Dissolved	ND	0.278	mg/L								
LCS (BJ21695-BS1)									Prepared: 10/28/2022 Analyzed: 10/31/2022		
Iron - Dissolved	0.944		ug/mL	1.00		94.4	80-120				
Duplicate (BJ21695-DUP1)	*Source sample: 22J1420-03 (Duplicate)								Prepared: 10/28/2022 Analyzed: 10/31/2022		
Iron - Dissolved	ND	0.278	mg/L		ND					20	
Matrix Spike (BJ21695-MS1)	*Source sample: 22J1420-03 (Matrix Spike)								Prepared: 10/28/2022 Analyzed: 10/31/2022		
Iron - Dissolved	1.07	0.278	mg/L	1.11	ND	96.0	75-125				
Post Spike (BJ21695-PS1)	*Source sample: 22J1420-03 (Post Spike)								Prepared: 10/28/2022 Analyzed: 10/31/2022		
Iron - Dissolved	1.10		ug/mL	1.00	0.0265	107	75-125				

Anions by Ion Chromatography - 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 BJ21380 - EPA 300											
Blank (BJ21380-BLK1)								Prepared & Analyzed: 10/21/2022			
Nitrate as N	ND	0.0500	mg/L								
LCS (BJ21380-BS1)								Prepared & Analyzed: 10/21/2022			
Nitrate as N	9.97	0.0500	mg/L	10.0		99.7	90-110				
Duplicate (BJ21380-DUP1)	*Source sample: 22J1170-01 (Duplicate)							Prepared & Analyzed: 10/21/2022			
Nitrate as N	ND	0.0500	mg/L		ND					15	
Matrix Spike (BJ21380-MS1)	*Source sample: 22J1170-01 (Matrix Spike)							Prepared & Analyzed: 10/21/2022			
Nitrate as N	10.3	0.0500	mg/L	10.0	ND	103	90-110				
Matrix Spike (BJ21380-MS2)	*Source sample: 22J1170-02 (Matrix Spike)							Prepared & Analyzed: 10/21/2022			
Nitrate as N	9.98	0.0500	mg/L	10.0	ND	99.8	90-110				
Batch BJ21467 - EPA 300											
Blank (BJ21467-BLK1)								Prepared & Analyzed: 10/24/2022			
Sulfate	ND	1.00	mg/L								
LCS (BJ21467-BS1)								Prepared & Analyzed: 10/24/2022			
Sulfate	9.14	1.00	mg/L	10.0		91.4	85-115				
Duplicate (BJ21467-DUP1)	*Source sample: 22J0898-01 (Duplicate)							Prepared & Analyzed: 10/24/2022			
Sulfate	13.7	1.00	mg/L		13.4				2.34	15	
Matrix Spike (BJ21467-MS1)	*Source sample: 22J0898-01 (Matrix Spike)							Prepared & Analyzed: 10/24/2022			
Sulfate	22.4	1.00	mg/L	10.0	13.4	90.2	85-115				

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 BK20016 - Analysis Preparation											
Blank (BK20016-BLK1)								Prepared & Analyzed: 11/01/2022			
Sulfide	ND	1.0	mg/L								
LCS (BK20016-BS1)								Prepared & Analyzed: 11/01/2022			
Sulfide	43	1.0	mg/L	50.0		86.4	80-120				
Duplicate (BK20016-DUP1)	*Source sample: 22J1446-01 (Duplicate)							Prepared & Analyzed: 11/01/2022			
Sulfide	2.4	1.0	mg/L		2.4				0.00	15	

Volatile Analysis Sample Containers

Lab ID	Client Sample ID	Volatile Sample Container
22J1175-01	MW-9S	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C
22J1175-02	MW-9I	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C
22J1175-03	MW-7S	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C
22J1175-04	MW-8I	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C

Sample and Data Qualifiers Relating to This Work Order

QL-02	This LCS analyte is outside Laboratory Recovery limits due the analyte behavior using the referenced method. The reference method has certain limitations with respect to analytes of this nature.
J	Detected below the Reporting Limit but greater than or equal to the Method Detection Limit (MDL/LOD) or in the case of a TIC, the result is an estimated concentration.
HT-01	This result was reported from an analysis conducted outside of the EPA recommended holding time.
CONT-01	Analysis was performed on a sample from an improperly preserved container.
CCVE	The value reported is ESTIMATED. The value is estimated due to its behavior during continuing calibration verification (>20% Difference for average Rf or >20% Drift for quadratic fit).
B	Analyte is found in the associated analysis batch blank. For volatiles, methylene chloride and acetone are common lab contaminants.

Definitions and Other Explanations

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

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

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

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

Certification for pH is no longer offered by NYDOH ELAP.

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

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

Field Chain-of-Custody Record

YORK ANALYTICAL LABORATORIES INC

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

YORK Project No. 22J1175

120 Research Drive Stratford, CT 06615 | 132-02 89th Ave Queens, NY 11418 | clientservices@yorklab.com | www.yorklab.com | 800-306-YORK | 800-306-9675

YOUR Information	Report To:	Invoice To:
Company: Impact Environmental	Company:	Company:
Address: 170 Keyland Court Bohemia NY	Address: Same	Address: Same
Phone.: 631-269-8800	Phone.:	Phone.:
Contact: Chris Connolly	Contact:	Contact:
E-mail: cconnolly@impactenvironmental	E-mail:	E-mail:

YOUR Project Number: # 15209

YOUR Project Name: 13-16 BCD

YOUR PO#:

Turn-Around Time

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

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

Samples Collected by: (print 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; NY ASP A Package; NY ASP B Package; CT RCP; CT RCP DQA/DUE; NJDEP Reduced Deliverables; NJDKQP; Standard Excel EDD; EQuIS (Standard); NYSDEC EQuIS; NJDEP SRP HazSite; Other:

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

Sample Identification	Sample Matrix	Date/Time Sampled	Analysis Requested	Container Description
MW-9S	GW	10/21/22 - 09:50	TCL VOC's, total Iron, dissolved iron, Sulfate, Sulfide, Nitrat, total organic carbon, Methane, ethane, ethene	
MW-9I	↓	10/21/22 - 08:50		
MW-7S	↓	10/21/22 - 07:55		
MW-8I	↓	10/21/22 - 07:10		

Comments: Analysis; TCL VOC's, total Iron, dissolved iron, Sulfate, Sulfide, Nitrate, total organic Carbon, Methane, ethane, ethene

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

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

Special Instruction: Field Filtered; Lab to Filter

Samples Relinquished by / Company	Date/Time	Samples Received by / Company	Date/Time
Stone / Impact	10/21/22 12:30	Mark York Labs	10/21/22 1345
Samples Relinquished by / Company	Date/Time	Samples Received by / Company	Date/Time
	10/21/22 1750		10/21/22 2000
Samples Relinquished by / Company	Date/Time	Samples Received by / Company	Date/Time

Samples Received by / Company	Date/Time
Mark York Labs	10/21/22
Samples Received by / Company	Date/Time
Samples Received in LAB by	Date/Time / Temperature
	10/21/22 2000 / 4.5 Degrees C

Technical Report

prepared for:

Impact Environmental
170 Keyland Court
Bohemia NY, 11716
Attention: Christopher Connolly

Report Date: 07/27/2022
Client Project ID: #15209 13-16 Beach Channel
York Project (SDG) No.: 22G0719

Report Date: 07/27/2022
Client Project ID: #15209 13-16 Beach Channel
York Project (SDG) No.: 22G0719

Impact Environmental
170 Keyland Court
Bohemia NY, 11716
Attention: Christopher Connolly

Purpose and Results

This report contains the analytical data for the sample(s) identified on the attached chain-of-custody received in our laboratory on July 15, 2022 and listed below. The project was identified as your project: **#15209 13-16 Beach Channel**.

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
22G0719-01	MW-1	Water	07/14/2022	07/15/2022
22G0719-02	MW-2	Water	07/13/2022	07/15/2022
22G0719-03	MW-3	Water	07/13/2022	07/15/2022
22G0719-04	MW-4I	Water	07/13/2022	07/15/2022
22G0719-05	MW-4S	Water	07/13/2022	07/15/2022
22G0719-06	MW-5	Water	07/13/2022	07/15/2022
22G0719-07	MW-7I	Water	07/14/2022	07/15/2022
22G0719-08	MW-7S	Water	07/14/2022	07/15/2022
22G0719-09	MW-8I	Water	07/14/2022	07/15/2022
22G0719-10	MW-8S	Water	07/14/2022	07/15/2022
22G0719-11	MW-9I	Water	07/14/2022	07/15/2022
22G0719-12	MW-9S	Water	07/14/2022	07/15/2022
22G0719-13	MW-10	Water	07/14/2022	07/15/2022
22G0719-14	DUP	Water	07/13/2022	07/15/2022
22G0719-15	Trip	Water	07/13/2022	07/15/2022
22G0719-16	Field Blank (FB)	Water	07/13/2022	07/15/2022
22G0719-17	MW-11	Water	07/13/2022	07/15/2022

General Notes for York Project (SDG) No.: 22G0719

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

Approved By:  **Date:** 07/27/2022

Cassie L. Mosher
Laboratory Manager

Sample Information

Client Sample ID: **MW-1** **York Sample ID:** **22G0719-01**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22G0719	#15209 13-16 Beach Channel	Water	July 14, 2022 1:30 pm	07/15/2022

Volatile Organics, 8260 Low Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/L	0.200	0.500	1	EPA 8260C	07/22/2022 06:54	07/22/2022 16:42	JTG
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
71-55-6	1,1,1-Trichloroethane	ND		ug/L	0.200	0.500	1	EPA 8260C	07/22/2022 06:54	07/22/2022 16:42	JTG
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.200	0.500	1	EPA 8260C	07/22/2022 06:54	07/22/2022 16:42	JTG
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/L	0.200	0.500	1	EPA 8260C	07/22/2022 06:54	07/22/2022 16:42	JTG
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.200	0.500	1	EPA 8260C	07/22/2022 06:54	07/22/2022 16:42	JTG
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-34-3	1,1-Dichloroethane	ND		ug/L	0.200	0.500	1	EPA 8260C	07/22/2022 06:54	07/22/2022 16:42	JTG
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.200	0.500	1	EPA 8260C	07/22/2022 06:54	07/22/2022 16:42	JTG
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	0.200	0.500	1	EPA 8260C	07/22/2022 06:54	07/22/2022 16:42	JTG
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
96-18-4	1,2,3-Trichloropropane	ND		ug/L	0.200	0.500	1	EPA 8260C	07/22/2022 06:54	07/22/2022 16:42	JTG
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.200	0.500	1	EPA 8260C	07/22/2022 06:54	07/22/2022 16:42	JTG
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	0.200	0.500	1	EPA 8260C	07/22/2022 06:54	07/22/2022 16:42	JTG
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.200	0.500	1	EPA 8260C	07/22/2022 06:54	07/22/2022 16:42	JTG
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
106-93-4	1,2-Dibromoethane	ND		ug/L	0.200	0.500	1	EPA 8260C	07/22/2022 06:54	07/22/2022 16:42	JTG
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.200	0.500	1	EPA 8260C	07/22/2022 06:54	07/22/2022 16:42	JTG
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
107-06-2	1,2-Dichloroethane	ND		ug/L	0.200	0.500	1	EPA 8260C	07/22/2022 06:54	07/22/2022 16:42	JTG
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
78-87-5	1,2-Dichloropropane	ND		ug/L	0.200	0.500	1	EPA 8260C	07/22/2022 06:54	07/22/2022 16:42	JTG
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	0.200	0.500	1	EPA 8260C	07/22/2022 06:54	07/22/2022 16:42	JTG
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.200	0.500	1	EPA 8260C	07/22/2022 06:54	07/22/2022 16:42	JTG
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
142-28-9	1,3-Dichloropropane	ND		ug/L	0.200	0.500	1	EPA 8260C	07/22/2022 06:54	07/22/2022 16:42	JTG
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.200	0.500	1	EPA 8260C	07/22/2022 06:54	07/22/2022 16:42	JTG
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
123-91-1	1,4-Dioxane	ND		ug/L	40.0	80.0	1	EPA 8260C	07/22/2022 06:54	07/22/2022 16:42	JTG
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
78-93-3	**2-Butanone**	**5.22**	Cal-E	ug/L	0.200	0.500	1	EPA 8260C	07/22/2022 06:54	07/22/2022 16:42	JTG
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		

Sample Information

Client Sample ID: **MW-1** **York Sample ID:** **22G0719-01**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22G0719	#15209 13-16 Beach Channel	Water	July 14, 2022 1:30 pm	07/15/2022

Volatile Organics, 8260 Low Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
591-78-6	2-Hexanone	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/22/2022 06:54 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/22/2022 16:42	JTG
108-10-1	4-Methyl-2-pentanone	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/22/2022 06:54 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/22/2022 16:42	JTG
67-64-1	**Acetone**	**3.08**		ug/L	1.00	2.00	1	EPA 8260C Certifications:	07/22/2022 06:54 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/22/2022 16:42	JTG
107-02-8	Acrolein	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/22/2022 06:54 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/22/2022 16:42	JTG
107-13-1	Acrylonitrile	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/22/2022 06:54 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/22/2022 16:42	JTG
71-43-2	Benzene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/22/2022 06:54 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/22/2022 16:42	JTG
74-97-5	Bromochloromethane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/22/2022 06:54 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/22/2022 16:42	JTG
75-27-4	Bromodichloromethane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/22/2022 06:54 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/22/2022 16:42	JTG
75-25-2	Bromoform	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/22/2022 06:54 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/22/2022 16:42	JTG
74-83-9	Bromomethane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/22/2022 06:54 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/22/2022 16:42	JTG
75-15-0	Carbon disulfide	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/22/2022 06:54 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/22/2022 16:42	JTG
56-23-5	Carbon tetrachloride	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/22/2022 06:54 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/22/2022 16:42	JTG
108-90-7	Chlorobenzene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/22/2022 06:54 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/22/2022 16:42	JTG
75-00-3	Chloroethane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/22/2022 06:54 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/22/2022 16:42	JTG
67-66-3	**Chloroform**	**3.23**		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/22/2022 06:54 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/22/2022 16:42	JTG
74-87-3	Chloromethane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/22/2022 06:54 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/22/2022 16:42	JTG
156-59-2	cis-1,2-Dichloroethylene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/22/2022 06:54 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/22/2022 16:42	JTG
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/22/2022 06:54 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/22/2022 16:42	JTG
110-82-7	Cyclohexane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/22/2022 06:54 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/22/2022 16:42	JTG
124-48-1	Dibromochloromethane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/22/2022 06:54 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/22/2022 16:42	JTG
74-95-3	Dibromomethane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/22/2022 06:54 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/22/2022 16:42	JTG
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/22/2022 06:54 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/22/2022 16:42	JTG
100-41-4	Ethyl Benzene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/22/2022 06:54 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/22/2022 16:42	JTG

Sample Information

Client Sample ID: MW-1 **York Sample ID:** 22G0719-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22G0719	#15209 13-16 Beach Channel	Water	July 14, 2022 1:30 pm	07/15/2022

Volatile Organics, 8260 Low Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
87-68-3	Hexachlorobutadiene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/22/2022 06:54 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/22/2022 16:42	JTG
98-82-8	Isopropylbenzene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/22/2022 06:54 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/22/2022 16:42	JTG
79-20-9	Methyl acetate	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/22/2022 06:54 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/22/2022 16:42	JTG
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/22/2022 06:54 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/22/2022 16:42	JTG
108-87-2	Methylcyclohexane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/22/2022 06:54 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/22/2022 16:42	JTG
75-09-2	Methylene chloride	ND		ug/L	1.00	2.00	1	EPA 8260C Certifications:	07/22/2022 06:54 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/22/2022 16:42	JTG
91-20-3	Naphthalene	ND		ug/L	1.00	2.00	1	EPA 8260C Certifications:	07/22/2022 06:54 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/22/2022 16:42	JTG
104-51-8	n-Butylbenzene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/22/2022 06:54 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/22/2022 16:42	JTG
103-65-1	n-Propylbenzene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/22/2022 06:54 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/22/2022 16:42	JTG
95-47-6	o-Xylene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/22/2022 06:54 CTDOH,NELAC-NY10854,NELAC-NY12058,PADEP	07/22/2022 16:42	JTG
179601-23-1	p- & m- Xylenes	ND		ug/L	0.500	1.00	1	EPA 8260C Certifications:	07/22/2022 06:54 CTDOH,NELAC-NY10854,NELAC-NY12058,PADEP	07/22/2022 16:42	JTG
105-05-5	* p-Diethylbenzene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/22/2022 06:54	07/22/2022 16:42	JTG
622-96-8	* p-Ethyltoluene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/22/2022 06:54	07/22/2022 16:42	JTG
99-87-6	p-Isopropyltoluene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/22/2022 06:54 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/22/2022 16:42	JTG
135-98-8	sec-Butylbenzene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/22/2022 06:54 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/22/2022 16:42	JTG
100-42-5	Styrene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/22/2022 06:54 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/22/2022 16:42	JTG
75-65-0	tert-Butyl alcohol (TBA)	ND		ug/L	0.500	1.00	1	EPA 8260C Certifications:	07/22/2022 06:54 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/22/2022 16:42	JTG
98-06-6	tert-Butylbenzene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/22/2022 06:54 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/22/2022 16:42	JTG
127-18-4	Tetrachloroethylene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/22/2022 06:54 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/22/2022 16:42	JTG
108-88-3	Toluene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/22/2022 06:54 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/22/2022 16:42	JTG
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/22/2022 06:54 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/22/2022 16:42	JTG
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/22/2022 06:54 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/22/2022 16:42	JTG
79-01-6	Trichloroethylene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/22/2022 06:54 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/22/2022 16:42	JTG

Sample Information

Client Sample ID: MW-1 **York Sample ID:** 22G0719-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22G0719	#15209 13-16 Beach Channel	Water	July 14, 2022 1:30 pm	07/15/2022

Volatile Organics, 8260 Low Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
75-69-4	Trichlorofluoromethane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/22/2022 06:54 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/22/2022 16:42	JTG
75-01-4	Vinyl Chloride	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/22/2022 06:54 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/22/2022 16:42	JTG
1330-20-7	Xylenes, Total	ND		ug/L	0.600	1.50	1	EPA 8260C Certifications:	07/22/2022 06:54 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP	07/22/2022 16:42	JTG

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: SURR: 1,2-Dichloroethane-d4*	*128 %*	*69-130*
2037-26-5	*Surrogate: SURR: Toluene-d8*	*96.7 %*	*81-117*
460-00-4	*Surrogate: SURR: p-Bromofluorobenzene*	*95.2 %*	*79-122*

Volatile Organics, Tentatively Identified Cmpds.

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
	Tentatively Identified Compounds	0.0		ug/L			1	EPA 8260C Certifications:	07/22/2022 06:54	07/22/2022 16:42	JTG

Iron by EPA 6010

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3015A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-89-6	**Iron**	**0.890**		mg/L	0.278	1	EPA 6010D Certifications:	07/20/2022 11:40 CTDOH,NELAC-NY10854,NJDEP,PADEP	07/20/2022 15:34	KT

Iron, Dissolved by EPA 6010

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3015A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-89-6	Iron	ND		mg/L	0.278	1	EPA 6010D Certifications:	07/19/2022 12:11 CTDOH,NELAC-NY10854,NJDEP,PADEP	07/20/2022 13:06	KT

Nitrate as N

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 300

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
14797-55-8	**Nitrate as N**	**17.5**		mg/L	0.0500	1	EPA 300.0 Certifications:	07/15/2022 16:40 NELAC-NY10854,CTDOH,NJDEP,PADEP	07/15/2022 22:43	ZTS

Sulfate as SO4

Log-in Notes:

Sample Notes:

Sample Information

Client Sample ID: **MW-1** **York Sample ID:** **22G0719-01**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22G0719	#15209 13-16 Beach Channel	Water	July 14, 2022 1:30 pm	07/15/2022

Sample Prepared by Method: EPA 300

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
14808-79-8	**Sulfate**	**39.4**		mg/L	1.00	1	EPA 300.0	07/15/2022 16:40	07/15/2022 22:43	ZTS
							Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP			

Sulfide **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
18496-25-8	Sulfide	ND		mg/L	1.0	1	SM 4500-S F	07/21/2022 08:40	07/21/2022 08:40	AD
							Certifications: CTDOH,NJDEP,NELAC-NY10854,PADEP			

Analyzed by: Phoenix Environmental Labs, Inc. *

SM5310B-11 **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: SM5310B-11

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
PHNX - TOC	**Total Organic Carbon**	**9.8**		mg/L	1.0	1	SM5310B-11	07/20/2022 15:42	07/20/2022 00:00	CT007
							Certifications:			

Sample Information

Client Sample ID: **MW-2** **York Sample ID:** **22G0719-02**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22G0719	#15209 13-16 Beach Channel	Water	July 13, 2022 8:50 am	07/15/2022

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

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/L	0.200	0.500	1	EPA 8260C	07/21/2022 06:25	07/21/2022 14:57	JTG
								Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP			
71-55-6	1,1,1-Trichloroethane	ND		ug/L	0.200	0.500	1	EPA 8260C	07/21/2022 06:25	07/21/2022 14:57	JTG
								Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP			
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.200	0.500	1	EPA 8260C	07/21/2022 06:25	07/21/2022 14:57	JTG
								Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP			
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/L	0.200	0.500	1	EPA 8260C	07/21/2022 06:25	07/21/2022 14:57	JTG
								Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP			
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.200	0.500	1	EPA 8260C	07/21/2022 06:25	07/21/2022 14:57	JTG
								Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP			
75-34-3	1,1-Dichloroethane	ND		ug/L	0.200	0.500	1	EPA 8260C	07/21/2022 06:25	07/21/2022 14:57	JTG
								Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP			

Sample Information

Client Sample ID: MW-2 **York Sample ID:** 22G0719-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22G0719	#15209 13-16 Beach Channel	Water	July 13, 2022 8:50 am	07/15/2022

Volatile Organics, 8260 Low Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/21/2022 06:25	07/21/2022 14:57 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	JTG
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/21/2022 06:25	07/21/2022 14:57 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	JTG
96-18-4	1,2,3-Trichloropropane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/21/2022 06:25	07/21/2022 14:57 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	JTG
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/21/2022 06:25	07/21/2022 14:57 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	JTG
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/21/2022 06:25	07/21/2022 14:57 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	JTG
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/21/2022 06:25	07/21/2022 14:57 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	JTG
106-93-4	1,2-Dibromoethane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/21/2022 06:25	07/21/2022 14:57 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	JTG
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/21/2022 06:25	07/21/2022 14:57 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	JTG
107-06-2	1,2-Dichloroethane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/21/2022 06:25	07/21/2022 14:57 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	JTG
78-87-5	1,2-Dichloropropane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/21/2022 06:25	07/21/2022 14:57 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	JTG
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/21/2022 06:25	07/21/2022 14:57 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	JTG
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/21/2022 06:25	07/21/2022 14:57 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	JTG
142-28-9	1,3-Dichloropropane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/21/2022 06:25	07/21/2022 14:57 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	JTG
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/21/2022 06:25	07/21/2022 14:57 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	JTG
123-91-1	1,4-Dioxane	ND		ug/L	40.0	80.0	1	EPA 8260C Certifications:	07/21/2022 06:25	07/21/2022 14:57 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	JTG
78-93-3	2-Butanone	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/21/2022 06:25	07/21/2022 14:57 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	JTG
591-78-6	2-Hexanone	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/21/2022 06:25	07/21/2022 14:57 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	JTG
108-10-1	4-Methyl-2-pentanone	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/21/2022 06:25	07/21/2022 14:57 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	JTG
67-64-1	**Acetone**	**1.56**	J	ug/L	1.00	2.00	1	EPA 8260C Certifications:	07/21/2022 06:25	07/21/2022 14:57 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	JTG
107-02-8	Acrolein	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/21/2022 06:25	07/21/2022 14:57 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	JTG
107-13-1	Acrylonitrile	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/21/2022 06:25	07/21/2022 14:57 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	JTG
71-43-2	Benzene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/21/2022 06:25	07/21/2022 14:57 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	JTG
74-97-5	Bromochloromethane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/21/2022 06:25	07/21/2022 14:57 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	JTG

Sample Information

Client Sample ID: **MW-2** **York Sample ID:** **22G0719-02**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22G0719	#15209 13-16 Beach Channel	Water	July 13, 2022 8:50 am	07/15/2022

Volatile Organics, 8260 Low Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
75-27-4	Bromodichloromethane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/21/2022 06:25	07/21/2022 14:57 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	JTG
75-25-2	Bromoform	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/21/2022 06:25	07/21/2022 14:57 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	JTG
74-83-9	Bromomethane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/21/2022 06:25	07/21/2022 14:57 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	JTG
75-15-0	Carbon disulfide	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/21/2022 06:25	07/21/2022 14:57 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	JTG
56-23-5	Carbon tetrachloride	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/21/2022 06:25	07/21/2022 14:57 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	JTG
108-90-7	Chlorobenzene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/21/2022 06:25	07/21/2022 14:57 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	JTG
75-00-3	Chloroethane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/21/2022 06:25	07/21/2022 14:57 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	JTG
67-66-3	**Chloroform**	**0.310**	J	ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/21/2022 06:25	07/21/2022 14:57 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	JTG
74-87-3	Chloromethane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/21/2022 06:25	07/21/2022 14:57 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	JTG
156-59-2	cis-1,2-Dichloroethylene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/21/2022 06:25	07/21/2022 14:57 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	JTG
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/21/2022 06:25	07/21/2022 14:57 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	JTG
110-82-7	Cyclohexane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/21/2022 06:25	07/21/2022 14:57 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	JTG
124-48-1	Dibromochloromethane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/21/2022 06:25	07/21/2022 14:57 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	JTG
74-95-3	Dibromomethane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/21/2022 06:25	07/21/2022 14:57 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	JTG
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/21/2022 06:25	07/21/2022 14:57 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	JTG
100-41-4	Ethyl Benzene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/21/2022 06:25	07/21/2022 14:57 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	JTG
87-68-3	Hexachlorobutadiene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/21/2022 06:25	07/21/2022 14:57 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	JTG
98-82-8	Isopropylbenzene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/21/2022 06:25	07/21/2022 14:57 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	JTG
79-20-9	Methyl acetate	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/21/2022 06:25	07/21/2022 14:57 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	JTG
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/21/2022 06:25	07/21/2022 14:57 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	JTG
108-87-2	Methylcyclohexane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/21/2022 06:25	07/21/2022 14:57 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	JTG
75-09-2	**Methylene chloride**	**1.44**	J	ug/L	1.00	2.00	1	EPA 8260C Certifications:	07/21/2022 06:25	07/21/2022 14:57 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	JTG
91-20-3	Naphthalene	ND		ug/L	1.00	2.00	1	EPA 8260C Certifications:	07/21/2022 06:25	07/21/2022 14:57 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	JTG

Sample Information

Client Sample ID: MW-2 **York Sample ID:** 22G0719-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22G0719	#15209 13-16 Beach Channel	Water	July 13, 2022 8:50 am	07/15/2022

Volatile Organics, 8260 Low Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
104-51-8	n-Butylbenzene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/21/2022 06:25	07/21/2022 14:57 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	JTG
103-65-1	n-Propylbenzene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/21/2022 06:25	07/21/2022 14:57 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	JTG
95-47-6	o-Xylene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/21/2022 06:25	07/21/2022 14:57 CTDOH,NELAC-NY10854,NELAC-NY12058,PADEP	JTG
179601-23-1	p- & m- Xylenes	ND		ug/L	0.500	1.00	1	EPA 8260C Certifications:	07/21/2022 06:25	07/21/2022 14:57 CTDOH,NELAC-NY10854,NELAC-NY12058,PADEP	JTG
105-05-5	* p-Diethylbenzene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/21/2022 06:25	07/21/2022 14:57	JTG
622-96-8	* p-Ethyltoluene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/21/2022 06:25	07/21/2022 14:57	JTG
99-87-6	p-Isopropyltoluene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/21/2022 06:25	07/21/2022 14:57 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	JTG
135-98-8	sec-Butylbenzene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/21/2022 06:25	07/21/2022 14:57 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	JTG
100-42-5	Styrene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/21/2022 06:25	07/21/2022 14:57 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	JTG
75-65-0	**tert-Butyl alcohol (TBA)**	**0.630**	J	ug/L	0.500	1.00	1	EPA 8260C Certifications:	07/21/2022 06:25	07/21/2022 14:57 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	JTG
98-06-6	tert-Butylbenzene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/21/2022 06:25	07/21/2022 14:57 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	JTG
127-18-4	**Tetrachloroethylene**	**0.550**		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/21/2022 06:25	07/21/2022 14:57 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	JTG
108-88-3	Toluene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/21/2022 06:25	07/21/2022 14:57 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	JTG
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/21/2022 06:25	07/21/2022 14:57 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	JTG
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/21/2022 06:25	07/21/2022 14:57 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	JTG
79-01-6	Trichloroethylene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/21/2022 06:25	07/21/2022 14:57 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	JTG
75-69-4	Trichlorofluoromethane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/21/2022 06:25	07/21/2022 14:57 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	JTG
75-01-4	Vinyl Chloride	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/21/2022 06:25	07/21/2022 14:57 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	JTG
1330-20-7	Xylenes, Total	ND		ug/L	0.600	1.50	1	EPA 8260C Certifications:	07/21/2022 06:25	07/21/2022 14:57 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP	JTG

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: SURR: 1,2-Dichloroethane-d4*	*114 %*	*69-130*
2037-26-5	*Surrogate: SURR: Toluene-d8*	*93.9 %*	*81-117*
460-00-4	*Surrogate: SURR: p-Bromofluorobenzene*	*102 %*	*79-122*

Volatile Organics, Tentatively Identified Cmpds.

Log-in Notes:

Sample Notes:

Sample Information

Client Sample ID: MW-2 **York Sample ID:** 22G0719-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22G0719	#15209 13-16 Beach Channel	Water	July 13, 2022 8:50 am	07/15/2022

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
	Tentatively Identified Compounds	0.0		ug/L			1	EPA 8260C Certifications:	07/21/2022 06:25	07/21/2022 14:57	JTG

Sample Information

Client Sample ID: MW-3 **York Sample ID:** 22G0719-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22G0719	#15209 13-16 Beach Channel	Water	July 13, 2022 9:35 am	07/15/2022

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

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/21/2022 06:25 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/21/2022 15:27	JTG
71-55-6	1,1,1-Trichloroethane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/21/2022 06:25 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/21/2022 15:27	JTG
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/21/2022 06:25 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/21/2022 15:27	JTG
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/21/2022 06:25 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/21/2022 15:27	JTG
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/21/2022 06:25 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/21/2022 15:27	JTG
75-34-3	1,1-Dichloroethane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/21/2022 06:25 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/21/2022 15:27	JTG
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/21/2022 06:25 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/21/2022 15:27	JTG
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/21/2022 06:25 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/21/2022 15:27	JTG
96-18-4	1,2,3-Trichloropropane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/21/2022 06:25 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/21/2022 15:27	JTG
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/21/2022 06:25 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/21/2022 15:27	JTG
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/21/2022 06:25 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/21/2022 15:27	JTG
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/21/2022 06:25 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/21/2022 15:27	JTG
106-93-4	1,2-Dibromoethane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/21/2022 06:25 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/21/2022 15:27	JTG
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/21/2022 06:25 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/21/2022 15:27	JTG
107-06-2	1,2-Dichloroethane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/21/2022 06:25 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/21/2022 15:27	JTG
78-87-5	1,2-Dichloropropane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/21/2022 06:25 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/21/2022 15:27	JTG

Sample Information

Client Sample ID: MW-3 **York Sample ID:** 22G0719-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22G0719	#15209 13-16 Beach Channel	Water	July 13, 2022 9:35 am	07/15/2022

Volatile Organics, 8260 Low Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/21/2022 06:25	07/21/2022 15:27 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	JTG
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/21/2022 06:25	07/21/2022 15:27 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	JTG
142-28-9	1,3-Dichloropropane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/21/2022 06:25	07/21/2022 15:27 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	JTG
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/21/2022 06:25	07/21/2022 15:27 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	JTG
123-91-1	1,4-Dioxane	ND		ug/L	40.0	80.0	1	EPA 8260C Certifications:	07/21/2022 06:25	07/21/2022 15:27 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	JTG
78-93-3	2-Butanone	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/21/2022 06:25	07/21/2022 15:27 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	JTG
591-78-6	2-Hexanone	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/21/2022 06:25	07/21/2022 15:27 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	JTG
108-10-1	4-Methyl-2-pentanone	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/21/2022 06:25	07/21/2022 15:27 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	JTG
67-64-1	**Acetone**	**2.85**		ug/L	1.00	2.00	1	EPA 8260C Certifications:	07/21/2022 06:25	07/21/2022 15:27 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	JTG
107-02-8	Acrolein	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/21/2022 06:25	07/21/2022 15:27 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	JTG
107-13-1	Acrylonitrile	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/21/2022 06:25	07/21/2022 15:27 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	JTG
71-43-2	Benzene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/21/2022 06:25	07/21/2022 15:27 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	JTG
74-97-5	Bromochloromethane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/21/2022 06:25	07/21/2022 15:27 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	JTG
75-27-4	**Bromodichloromethane**	**3.42**		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/21/2022 06:25	07/21/2022 15:27 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	JTG
75-25-2	Bromoform	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/21/2022 06:25	07/21/2022 15:27 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	JTG
74-83-9	Bromomethane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/21/2022 06:25	07/21/2022 15:27 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	JTG
75-15-0	Carbon disulfide	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/21/2022 06:25	07/21/2022 15:27 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	JTG
56-23-5	Carbon tetrachloride	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/21/2022 06:25	07/21/2022 15:27 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	JTG
108-90-7	Chlorobenzene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/21/2022 06:25	07/21/2022 15:27 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	JTG
75-00-3	Chloroethane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/21/2022 06:25	07/21/2022 15:27 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	JTG
67-66-3	**Chloroform**	**60.7**		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/21/2022 06:25	07/21/2022 15:27 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	JTG
74-87-3	Chloromethane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/21/2022 06:25	07/21/2022 15:27 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	JTG
156-59-2	cis-1,2-Dichloroethylene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/21/2022 06:25	07/21/2022 15:27 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	JTG

Sample Information

Client Sample ID: MW-3 **York Sample ID:** 22G0719-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22G0719	#15209 13-16 Beach Channel	Water	July 13, 2022 9:35 am	07/15/2022

Volatile Organics, 8260 Low Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/21/2022 06:25	07/21/2022 15:27 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	JTG
110-82-7	Cyclohexane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/21/2022 06:25	07/21/2022 15:27 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	JTG
124-48-1	Dibromochloromethane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/21/2022 06:25	07/21/2022 15:27 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	JTG
74-95-3	Dibromomethane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/21/2022 06:25	07/21/2022 15:27 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	JTG
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/21/2022 06:25	07/21/2022 15:27 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	JTG
100-41-4	Ethyl Benzene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/21/2022 06:25	07/21/2022 15:27 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	JTG
87-68-3	Hexachlorobutadiene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/21/2022 06:25	07/21/2022 15:27 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	JTG
98-82-8	Isopropylbenzene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/21/2022 06:25	07/21/2022 15:27 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	JTG
79-20-9	Methyl acetate	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/21/2022 06:25	07/21/2022 15:27 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	JTG
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/21/2022 06:25	07/21/2022 15:27 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	JTG
108-87-2	Methylcyclohexane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/21/2022 06:25	07/21/2022 15:27 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	JTG
75-09-2	Methylene chloride	ND		ug/L	1.00	2.00	1	EPA 8260C Certifications:	07/21/2022 06:25	07/21/2022 15:27 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	JTG
91-20-3	Naphthalene	ND		ug/L	1.00	2.00	1	EPA 8260C Certifications:	07/21/2022 06:25	07/21/2022 15:27 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	JTG
104-51-8	n-Butylbenzene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/21/2022 06:25	07/21/2022 15:27 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	JTG
103-65-1	n-Propylbenzene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/21/2022 06:25	07/21/2022 15:27 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	JTG
95-47-6	o-Xylene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/21/2022 06:25	07/21/2022 15:27 CTDOH,NELAC-NY10854,NELAC-NY12058,PADEP	JTG
179601-23-1	p- & m- Xylenes	ND		ug/L	0.500	1.00	1	EPA 8260C Certifications:	07/21/2022 06:25	07/21/2022 15:27 CTDOH,NELAC-NY10854,NELAC-NY12058,PADEP	JTG
105-05-5	* p-Diethylbenzene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/21/2022 06:25	07/21/2022 15:27	JTG
622-96-8	* p-Ethyltoluene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/21/2022 06:25	07/21/2022 15:27	JTG
99-87-6	p-Isopropyltoluene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/21/2022 06:25	07/21/2022 15:27 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	JTG
135-98-8	sec-Butylbenzene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/21/2022 06:25	07/21/2022 15:27 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	JTG
100-42-5	Styrene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/21/2022 06:25	07/21/2022 15:27 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	JTG
75-65-0	tert-Butyl alcohol (TBA)	ND		ug/L	0.500	1.00	1	EPA 8260C Certifications:	07/21/2022 06:25	07/21/2022 15:27 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	JTG

Sample Information

Client Sample ID: MW-3 **York Sample ID:** 22G0719-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22G0719	#15209 13-16 Beach Channel	Water	July 13, 2022 9:35 am	07/15/2022

Volatile Organics, 8260 Low Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
98-06-6	tert-Butylbenzene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/21/2022 06:25	07/21/2022 15:27 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	JTG
127-18-4	**Tetrachloroethylene**	**5.39**		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/21/2022 06:25	07/21/2022 15:27 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	JTG
108-88-3	Toluene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/21/2022 06:25	07/21/2022 15:27 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	JTG
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/21/2022 06:25	07/21/2022 15:27 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	JTG
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/21/2022 06:25	07/21/2022 15:27 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	JTG
79-01-6	Trichloroethylene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/21/2022 06:25	07/21/2022 15:27 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	JTG
75-69-4	**Trichlorofluoromethane**	**2.79**	CCV-E	ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/21/2022 06:25	07/21/2022 15:27 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	JTG
75-01-4	Vinyl Chloride	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/21/2022 06:25	07/21/2022 15:27 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	JTG
1330-20-7	Xylenes, Total	ND		ug/L	0.600	1.50	1	EPA 8260C Certifications:	07/21/2022 06:25	07/21/2022 15:27 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP	JTG

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: SURR: 1,2-Dichloroethane-d4*	*124 %*	*69-130*
2037-26-5	*Surrogate: SURR: Toluene-d8*	*94.9 %*	*81-117*
460-00-4	*Surrogate: SURR: p-Bromofluorobenzene*	*94.1 %*	*79-122*

Volatile Organics, Tentatively Identified Cmpds.

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
NA	**DICHLOROFLUOROETHANE isomer...**	**17**	J	ug/L			1	EPA 8260C Certifications:	07/21/2022 06:25	07/21/2022 15:27	JTG
	Tentatively Identified Compounds	0.0		ug/L			1	EPA 8260C Certifications:	07/21/2022 06:25	07/21/2022 15:27	JTG

Sample Information

Client Sample ID: MW-4I **York Sample ID:** 22G0719-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22G0719	#15209 13-16 Beach Channel	Water	July 13, 2022 11:25 am	07/15/2022

Volatile Organics, 8260 Low Comprehensive

Log-in Notes:

Sample Notes:

Sample Information

Client Sample ID: **MW-4I** **York Sample ID:** **22G0719-04**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22G0719	#15209 13-16 Beach Channel	Water	July 13, 2022 11:25 am	07/15/2022

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	0.200	0.500	1	EPA 8260C	07/21/2022 06:25	07/21/2022 15:56	JTG
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
71-55-6	1,1,1-Trichloroethane	ND		ug/L	0.200	0.500	1	EPA 8260C	07/21/2022 06:25	07/21/2022 15:56	JTG
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.200	0.500	1	EPA 8260C	07/21/2022 06:25	07/21/2022 15:56	JTG
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/L	0.200	0.500	1	EPA 8260C	07/21/2022 06:25	07/21/2022 15:56	JTG
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.200	0.500	1	EPA 8260C	07/21/2022 06:25	07/21/2022 15:56	JTG
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-34-3	1,1-Dichloroethane	ND		ug/L	0.200	0.500	1	EPA 8260C	07/21/2022 06:25	07/21/2022 15:56	JTG
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.200	0.500	1	EPA 8260C	07/21/2022 06:25	07/21/2022 15:56	JTG
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	0.200	0.500	1	EPA 8260C	07/21/2022 06:25	07/21/2022 15:56	JTG
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
96-18-4	1,2,3-Trichloropropane	ND		ug/L	0.200	0.500	1	EPA 8260C	07/21/2022 06:25	07/21/2022 15:56	JTG
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.200	0.500	1	EPA 8260C	07/21/2022 06:25	07/21/2022 15:56	JTG
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	0.200	0.500	1	EPA 8260C	07/21/2022 06:25	07/21/2022 15:56	JTG
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.200	0.500	1	EPA 8260C	07/21/2022 06:25	07/21/2022 15:56	JTG
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
106-93-4	1,2-Dibromoethane	ND		ug/L	0.200	0.500	1	EPA 8260C	07/21/2022 06:25	07/21/2022 15:56	JTG
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.200	0.500	1	EPA 8260C	07/21/2022 06:25	07/21/2022 15:56	JTG
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
107-06-2	1,2-Dichloroethane	ND		ug/L	0.200	0.500	1	EPA 8260C	07/21/2022 06:25	07/21/2022 15:56	JTG
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
78-87-5	1,2-Dichloropropane	ND		ug/L	0.200	0.500	1	EPA 8260C	07/21/2022 06:25	07/21/2022 15:56	JTG
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	0.200	0.500	1	EPA 8260C	07/21/2022 06:25	07/21/2022 15:56	JTG
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.200	0.500	1	EPA 8260C	07/21/2022 06:25	07/21/2022 15:56	JTG
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
142-28-9	1,3-Dichloropropane	ND		ug/L	0.200	0.500	1	EPA 8260C	07/21/2022 06:25	07/21/2022 15:56	JTG
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.200	0.500	1	EPA 8260C	07/21/2022 06:25	07/21/2022 15:56	JTG
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
123-91-1	1,4-Dioxane	ND		ug/L	40.0	80.0	1	EPA 8260C	07/21/2022 06:25	07/21/2022 15:56	JTG
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
78-93-3	**2-Butanone**	**0.230**	Cal-E, J	ug/L	0.200	0.500	1	EPA 8260C	07/21/2022 06:25	07/21/2022 15:56	JTG
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
591-78-6	2-Hexanone	ND		ug/L	0.200	0.500	1	EPA 8260C	07/21/2022 06:25	07/21/2022 15:56	JTG
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
108-10-1	4-Methyl-2-pentanone	ND		ug/L	0.200	0.500	1	EPA 8260C	07/21/2022 06:25	07/21/2022 15:56	JTG
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		

Sample Information

Client Sample ID: MW-4I

York Sample ID: 22G0719-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22G0719	#15209 13-16 Beach Channel	Water	July 13, 2022 11:25 am	07/15/2022

Volatile Organics, 8260 Low Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
67-64-1	**Acetone**	**13.2**		ug/L	1.00	2.00	1	EPA 8260C	07/21/2022 06:25	07/21/2022 15:56	JTG
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
107-02-8	**Acrolein**	**0.210**	J	ug/L	0.200	0.500	1	EPA 8260C	07/21/2022 06:25	07/21/2022 15:56	JTG
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
107-13-1	Acrylonitrile	ND		ug/L	0.200	0.500	1	EPA 8260C	07/21/2022 06:25	07/21/2022 15:56	JTG
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
71-43-2	Benzene	ND		ug/L	0.200	0.500	1	EPA 8260C	07/21/2022 06:25	07/21/2022 15:56	JTG
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
74-97-5	Bromochloromethane	ND		ug/L	0.200	0.500	1	EPA 8260C	07/21/2022 06:25	07/21/2022 15:56	JTG
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-27-4	Bromodichloromethane	ND		ug/L	0.200	0.500	1	EPA 8260C	07/21/2022 06:25	07/21/2022 15:56	JTG
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-25-2	Bromoform	ND		ug/L	0.200	0.500	1	EPA 8260C	07/21/2022 06:25	07/21/2022 15:56	JTG
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
74-83-9	Bromomethane	ND		ug/L	0.200	0.500	1	EPA 8260C	07/21/2022 06:25	07/21/2022 15:56	JTG
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-15-0	Carbon disulfide	ND		ug/L	0.200	0.500	1	EPA 8260C	07/21/2022 06:25	07/21/2022 15:56	JTG
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
56-23-5	Carbon tetrachloride	ND		ug/L	0.200	0.500	1	EPA 8260C	07/21/2022 06:25	07/21/2022 15:56	JTG
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
108-90-7	Chlorobenzene	ND		ug/L	0.200	0.500	1	EPA 8260C	07/21/2022 06:25	07/21/2022 15:56	JTG
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-00-3	Chloroethane	ND		ug/L	0.200	0.500	1	EPA 8260C	07/21/2022 06:25	07/21/2022 15:56	JTG
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
67-66-3	**Chloroform**	**1.95**		ug/L	0.200	0.500	1	EPA 8260C	07/21/2022 06:25	07/21/2022 15:56	JTG
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
74-87-3	**Chloromethane**	**0.230**	J	ug/L	0.200	0.500	1	EPA 8260C	07/21/2022 06:25	07/21/2022 15:56	JTG
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
156-59-2	cis-1,2-Dichloroethylene	ND		ug/L	0.200	0.500	1	EPA 8260C	07/21/2022 06:25	07/21/2022 15:56	JTG
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.200	0.500	1	EPA 8260C	07/21/2022 06:25	07/21/2022 15:56	JTG
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
110-82-7	Cyclohexane	ND		ug/L	0.200	0.500	1	EPA 8260C	07/21/2022 06:25	07/21/2022 15:56	JTG
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
124-48-1	Dibromochloromethane	ND		ug/L	0.200	0.500	1	EPA 8260C	07/21/2022 06:25	07/21/2022 15:56	JTG
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
74-95-3	Dibromomethane	ND		ug/L	0.200	0.500	1	EPA 8260C	07/21/2022 06:25	07/21/2022 15:56	JTG
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.200	0.500	1	EPA 8260C	07/21/2022 06:25	07/21/2022 15:56	JTG
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
100-41-4	Ethyl Benzene	ND		ug/L	0.200	0.500	1	EPA 8260C	07/21/2022 06:25	07/21/2022 15:56	JTG
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
87-68-3	Hexachlorobutadiene	ND		ug/L	0.200	0.500	1	EPA 8260C	07/21/2022 06:25	07/21/2022 15:56	JTG
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
98-82-8	Isopropylbenzene	ND		ug/L	0.200	0.500	1	EPA 8260C	07/21/2022 06:25	07/21/2022 15:56	JTG
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		

Sample Information

Client Sample ID: MW-4I

York Sample ID: 22G0719-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22G0719	#15209 13-16 Beach Channel	Water	July 13, 2022 11:25 am	07/15/2022

Volatile Organics, 8260 Low Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
79-20-9	Methyl acetate	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/21/2022 06:25	07/21/2022 15:56 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	JTG
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/21/2022 06:25	07/21/2022 15:56 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	JTG
108-87-2	Methylcyclohexane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/21/2022 06:25	07/21/2022 15:56 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	JTG
75-09-2	Methylene chloride	ND		ug/L	1.00	2.00	1	EPA 8260C Certifications:	07/21/2022 06:25	07/21/2022 15:56 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	JTG
91-20-3	Naphthalene	ND		ug/L	1.00	2.00	1	EPA 8260C Certifications:	07/21/2022 06:25	07/21/2022 15:56 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	JTG
104-51-8	n-Butylbenzene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/21/2022 06:25	07/21/2022 15:56 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	JTG
103-65-1	n-Propylbenzene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/21/2022 06:25	07/21/2022 15:56 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	JTG
95-47-6	o-Xylene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/21/2022 06:25	07/21/2022 15:56 CTDOH,NELAC-NY10854,NELAC-NY12058,PADEP	JTG
179601-23-1	p- & m- Xylenes	ND		ug/L	0.500	1.00	1	EPA 8260C Certifications:	07/21/2022 06:25	07/21/2022 15:56 CTDOH,NELAC-NY10854,NELAC-NY12058,PADEP	JTG
105-05-5	* p-Diethylbenzene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/21/2022 06:25	07/21/2022 15:56	JTG
622-96-8	* p-Ethyltoluene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/21/2022 06:25	07/21/2022 15:56	JTG
99-87-6	p-Isopropyltoluene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/21/2022 06:25	07/21/2022 15:56 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	JTG
135-98-8	sec-Butylbenzene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/21/2022 06:25	07/21/2022 15:56 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	JTG
100-42-5	Styrene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/21/2022 06:25	07/21/2022 15:56 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	JTG
75-65-0	tert-Butyl alcohol (TBA)	ND		ug/L	0.500	1.00	1	EPA 8260C Certifications:	07/21/2022 06:25	07/21/2022 15:56 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	JTG
98-06-6	tert-Butylbenzene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/21/2022 06:25	07/21/2022 15:56 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	JTG
127-18-4	**Tetrachloroethylene**	**0.490**	J	ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/21/2022 06:25	07/21/2022 15:56 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	JTG
108-88-3	Toluene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/21/2022 06:25	07/21/2022 15:56 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	JTG
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/21/2022 06:25	07/21/2022 15:56 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	JTG
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/21/2022 06:25	07/21/2022 15:56 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	JTG
79-01-6	Trichloroethylene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/21/2022 06:25	07/21/2022 15:56 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	JTG
75-69-4	Trichlorofluoromethane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/21/2022 06:25	07/21/2022 15:56 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	JTG
75-01-4	Vinyl Chloride	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/21/2022 06:25	07/21/2022 15:56 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	JTG

Sample Information

Client Sample ID: MW-4I **York Sample ID:** 22G0719-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22G0719	#15209 13-16 Beach Channel	Water	July 13, 2022 11:25 am	07/15/2022

Volatile Organics, 8260 Low Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
1330-20-7	Xylenes, Total	ND		ug/L	0.600	1.50	1	EPA 8260C Certifications:	07/21/2022 06:25 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP	07/21/2022 15:56	JTG

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: SURR: 1,2-Dichloroethane-d4*	*123 %*	*69-130*
2037-26-5	*Surrogate: SURR: Toluene-d8*	*93.9 %*	*81-117*
460-00-4	*Surrogate: SURR: p-Bromofluorobenzene*	*87.6 %*	*79-122*

Volatile Organics, Tentatively Identified Cmpds.

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
NA	**DICHLOROFLUOROETHANE isomer...**	**16**	J	ug/L			1	EPA 8260C Certifications:	07/21/2022 06:25	07/21/2022 15:56	JTG
	Tentatively Identified Compounds	0.0		ug/L			1	EPA 8260C Certifications:	07/21/2022 06:25	07/21/2022 15:56	JTG

Sample Information

Client Sample ID: MW-4S **York Sample ID:** 22G0719-05

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22G0719	#15209 13-16 Beach Channel	Water	July 13, 2022 12:05 pm	07/15/2022

Volatile Organics, 8260 Low Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/21/2022 06:25 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/21/2022 16:22	JTG
71-55-6	1,1,1-Trichloroethane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/21/2022 06:25 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/21/2022 16:22	JTG
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/21/2022 06:25 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/21/2022 16:22	JTG
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/21/2022 06:25 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/21/2022 16:22	JTG
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/21/2022 06:25 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/21/2022 16:22	JTG
75-34-3	1,1-Dichloroethane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/21/2022 06:25 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/21/2022 16:22	JTG
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/21/2022 06:25 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/21/2022 16:22	JTG
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/21/2022 06:25 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/21/2022 16:22	JTG

Sample Information

Client Sample ID: MW-4S

York Sample ID: 22G0719-05

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22G0719	#15209 13-16 Beach Channel	Water	July 13, 2022 12:05 pm	07/15/2022

Volatile Organics, 8260 Low Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
96-18-4	1,2,3-Trichloropropane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/21/2022 06:25	07/21/2022 16:22	JTG NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/21/2022 06:25	07/21/2022 16:22	JTG NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/21/2022 06:25	07/21/2022 16:22	JTG CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/21/2022 06:25	07/21/2022 16:22	JTG CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
106-93-4	1,2-Dibromoethane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/21/2022 06:25	07/21/2022 16:22	JTG CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/21/2022 06:25	07/21/2022 16:22	JTG CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
107-06-2	1,2-Dichloroethane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/21/2022 06:25	07/21/2022 16:22	JTG CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
78-87-5	1,2-Dichloropropane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/21/2022 06:25	07/21/2022 16:22	JTG CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/21/2022 06:25	07/21/2022 16:22	JTG CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/21/2022 06:25	07/21/2022 16:22	JTG CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
142-28-9	1,3-Dichloropropane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/21/2022 06:25	07/21/2022 16:22	JTG NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/21/2022 06:25	07/21/2022 16:22	JTG CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
123-91-1	1,4-Dioxane	ND		ug/L	40.0	80.0	1	EPA 8260C Certifications:	07/21/2022 06:25	07/21/2022 16:22	JTG NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
78-93-3	2-Butanone	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/21/2022 06:25	07/21/2022 16:22	JTG CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
591-78-6	2-Hexanone	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/21/2022 06:25	07/21/2022 16:22	JTG CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
108-10-1	4-Methyl-2-pentanone	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/21/2022 06:25	07/21/2022 16:22	JTG CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
67-64-1	**Acetone**	**4.35**		ug/L	1.00	2.00	1	EPA 8260C Certifications:	07/21/2022 06:25	07/21/2022 16:22	JTG CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
107-02-8	Acrolein	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/21/2022 06:25	07/21/2022 16:22	JTG CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
107-13-1	Acrylonitrile	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/21/2022 06:25	07/21/2022 16:22	JTG CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
71-43-2	Benzene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/21/2022 06:25	07/21/2022 16:22	JTG CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
74-97-5	Bromochloromethane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/21/2022 06:25	07/21/2022 16:22	JTG NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
75-27-4	Bromodichloromethane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/21/2022 06:25	07/21/2022 16:22	JTG CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
75-25-2	Bromoform	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/21/2022 06:25	07/21/2022 16:22	JTG CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP

Sample Information

Client Sample ID: MW-4S

York Sample ID: 22G0719-05

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22G0719	#15209 13-16 Beach Channel	Water	July 13, 2022 12:05 pm	07/15/2022

Volatile Organics, 8260 Low Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
74-83-9	Bromomethane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/21/2022 06:25	07/21/2022 16:22	JTG CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
75-15-0	Carbon disulfide	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/21/2022 06:25	07/21/2022 16:22	JTG CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
56-23-5	Carbon tetrachloride	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/21/2022 06:25	07/21/2022 16:22	JTG CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
108-90-7	Chlorobenzene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/21/2022 06:25	07/21/2022 16:22	JTG CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
75-00-3	Chloroethane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/21/2022 06:25	07/21/2022 16:22	JTG CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
67-66-3	**Chloroform**	**0.780**		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/21/2022 06:25	07/21/2022 16:22	JTG CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
74-87-3	Chloromethane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/21/2022 06:25	07/21/2022 16:22	JTG CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
156-59-2	cis-1,2-Dichloroethylene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/21/2022 06:25	07/21/2022 16:22	JTG CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/21/2022 06:25	07/21/2022 16:22	JTG CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
110-82-7	Cyclohexane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/21/2022 06:25	07/21/2022 16:22	JTG NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
124-48-1	Dibromochloromethane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/21/2022 06:25	07/21/2022 16:22	JTG CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
74-95-3	Dibromomethane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/21/2022 06:25	07/21/2022 16:22	JTG NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/21/2022 06:25	07/21/2022 16:22	JTG NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
100-41-4	Ethyl Benzene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/21/2022 06:25	07/21/2022 16:22	JTG CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
87-68-3	Hexachlorobutadiene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/21/2022 06:25	07/21/2022 16:22	JTG NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
98-82-8	Isopropylbenzene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/21/2022 06:25	07/21/2022 16:22	JTG CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
79-20-9	Methyl acetate	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/21/2022 06:25	07/21/2022 16:22	JTG NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/21/2022 06:25	07/21/2022 16:22	JTG CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
108-87-2	Methylcyclohexane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/21/2022 06:25	07/21/2022 16:22	JTG NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
75-09-2	Methylene chloride	ND		ug/L	1.00	2.00	1	EPA 8260C Certifications:	07/21/2022 06:25	07/21/2022 16:22	JTG CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
91-20-3	Naphthalene	ND		ug/L	1.00	2.00	1	EPA 8260C Certifications:	07/21/2022 06:25	07/21/2022 16:22	JTG NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
104-51-8	n-Butylbenzene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/21/2022 06:25	07/21/2022 16:22	JTG CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
103-65-1	n-Propylbenzene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/21/2022 06:25	07/21/2022 16:22	JTG CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP

Sample Information

Client Sample ID: MW-4S

York Sample ID: 22G0719-05

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22G0719	#15209 13-16 Beach Channel	Water	July 13, 2022 12:05 pm	07/15/2022

Volatile Organics, 8260 Low Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
95-47-6	o-Xylene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/21/2022 06:25	07/21/2022 16:22 CTDOH,NELAC-NY10854,NELAC-NY12058,PADEP	JTG
179601-23-1	p- & m- Xylenes	ND		ug/L	0.500	1.00	1	EPA 8260C Certifications:	07/21/2022 06:25	07/21/2022 16:22 CTDOH,NELAC-NY10854,NELAC-NY12058,PADEP	JTG
105-05-5	* p-Diethylbenzene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/21/2022 06:25	07/21/2022 16:22	JTG
622-96-8	* p-Ethyltoluene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/21/2022 06:25	07/21/2022 16:22	JTG
99-87-6	p-Isopropyltoluene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/21/2022 06:25	07/21/2022 16:22 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	JTG
135-98-8	sec-Butylbenzene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/21/2022 06:25	07/21/2022 16:22 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	JTG
100-42-5	Styrene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/21/2022 06:25	07/21/2022 16:22 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	JTG
75-65-0	**tert-Butyl alcohol (TBA)**	**0.820**	J	ug/L	0.500	1.00	1	EPA 8260C Certifications:	07/21/2022 06:25	07/21/2022 16:22 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	JTG
98-06-6	tert-Butylbenzene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/21/2022 06:25	07/21/2022 16:22 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	JTG
127-18-4	**Tetrachloroethylene**	**0.610**		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/21/2022 06:25	07/21/2022 16:22 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	JTG
108-88-3	Toluene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/21/2022 06:25	07/21/2022 16:22 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	JTG
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/21/2022 06:25	07/21/2022 16:22 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	JTG
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/21/2022 06:25	07/21/2022 16:22 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	JTG
79-01-6	Trichloroethylene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/21/2022 06:25	07/21/2022 16:22 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	JTG
75-69-4	Trichlorofluoromethane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/21/2022 06:25	07/21/2022 16:22 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	JTG
75-01-4	Vinyl Chloride	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/21/2022 06:25	07/21/2022 16:22 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	JTG
1330-20-7	Xylenes, Total	ND		ug/L	0.600	1.50	1	EPA 8260C Certifications:	07/21/2022 06:25	07/21/2022 16:22 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP	JTG

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: SURR: 1,2-Dichloroethane-d4*	*128 %*	*69-130*
2037-26-5	*Surrogate: SURR: Toluene-d8*	*92.9 %*	*81-117*
460-00-4	*Surrogate: SURR: p-Bromofluorobenzene*	*79.1 %*	*79-122*

Volatile Organics, Tentatively Identified Cmpds.

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
	Tentatively Identified Compounds	0.0		ug/L			1	EPA 8260C Certifications:	07/21/2022 06:25	07/21/2022 16:22	JTG

Sample Information

Client Sample ID: **MW-4S** **York Sample ID:** **22G0719-05**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22G0719	#15209 13-16 Beach Channel	Water	July 13, 2022 12:05 pm	07/15/2022

Sample Information

Client Sample ID: **MW-5** **York Sample ID:** **22G0719-06**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22G0719	#15209 13-16 Beach Channel	Water	July 13, 2022 12:55 pm	07/15/2022

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

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/21/2022 06:25	07/21/2022 16:49 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	JTG
71-55-6	1,1,1-Trichloroethane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/21/2022 06:25	07/21/2022 16:49 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	JTG
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/21/2022 06:25	07/21/2022 16:49 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	JTG
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/21/2022 06:25	07/21/2022 16:49 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	JTG
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/21/2022 06:25	07/21/2022 16:49 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	JTG
75-34-3	1,1-Dichloroethane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/21/2022 06:25	07/21/2022 16:49 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	JTG
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/21/2022 06:25	07/21/2022 16:49 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	JTG
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/21/2022 06:25	07/21/2022 16:49 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	JTG
96-18-4	1,2,3-Trichloropropane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/21/2022 06:25	07/21/2022 16:49 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	JTG
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/21/2022 06:25	07/21/2022 16:49 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	JTG
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/21/2022 06:25	07/21/2022 16:49 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	JTG
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/21/2022 06:25	07/21/2022 16:49 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	JTG
106-93-4	1,2-Dibromoethane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/21/2022 06:25	07/21/2022 16:49 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	JTG
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/21/2022 06:25	07/21/2022 16:49 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	JTG
107-06-2	1,2-Dichloroethane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/21/2022 06:25	07/21/2022 16:49 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	JTG
78-87-5	1,2-Dichloropropane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/21/2022 06:25	07/21/2022 16:49 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	JTG
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/21/2022 06:25	07/21/2022 16:49 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	JTG
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/21/2022 06:25	07/21/2022 16:49 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	JTG
142-28-9	1,3-Dichloropropane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/21/2022 06:25	07/21/2022 16:49 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	JTG

Sample Information

Client Sample ID: MW-5 **York Sample ID:** 22G0719-06

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22G0719	#15209 13-16 Beach Channel	Water	July 13, 2022 12:55 pm	07/15/2022

Volatile Organics, 8260 Low Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/21/2022 06:25	07/21/2022 16:49 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	JTG
123-91-1	1,4-Dioxane	ND		ug/L	40.0	80.0	1	EPA 8260C Certifications:	07/21/2022 06:25	07/21/2022 16:49 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	JTG
78-93-3	**2-Butanone**	**3.19**	Cal-E	ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/21/2022 06:25	07/21/2022 16:49 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	JTG
591-78-6	2-Hexanone	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/21/2022 06:25	07/21/2022 16:49 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	JTG
108-10-1	4-Methyl-2-pentanone	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/21/2022 06:25	07/21/2022 16:49 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	JTG
67-64-1	**Acetone**	**8.41**		ug/L	1.00	2.00	1	EPA 8260C Certifications:	07/21/2022 06:25	07/21/2022 16:49 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	JTG
107-02-8	Acrolein	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/21/2022 06:25	07/21/2022 16:49 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	JTG
107-13-1	Acrylonitrile	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/21/2022 06:25	07/21/2022 16:49 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	JTG
71-43-2	Benzene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/21/2022 06:25	07/21/2022 16:49 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	JTG
74-97-5	Bromochloromethane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/21/2022 06:25	07/21/2022 16:49 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	JTG
75-27-4	Bromodichloromethane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/21/2022 06:25	07/21/2022 16:49 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	JTG
75-25-2	Bromoform	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/21/2022 06:25	07/21/2022 16:49 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	JTG
74-83-9	Bromomethane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/21/2022 06:25	07/21/2022 16:49 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	JTG
75-15-0	Carbon disulfide	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/21/2022 06:25	07/21/2022 16:49 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	JTG
56-23-5	Carbon tetrachloride	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/21/2022 06:25	07/21/2022 16:49 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	JTG
108-90-7	Chlorobenzene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/21/2022 06:25	07/21/2022 16:49 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	JTG
75-00-3	Chloroethane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/21/2022 06:25	07/21/2022 16:49 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	JTG
67-66-3	Chloroform	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/21/2022 06:25	07/21/2022 16:49 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	JTG
74-87-3	Chloromethane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/21/2022 06:25	07/21/2022 16:49 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	JTG
156-59-2	cis-1,2-Dichloroethylene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/21/2022 06:25	07/21/2022 16:49 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	JTG
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/21/2022 06:25	07/21/2022 16:49 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	JTG
110-82-7	Cyclohexane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/21/2022 06:25	07/21/2022 16:49 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	JTG
124-48-1	Dibromochloromethane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/21/2022 06:25	07/21/2022 16:49 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	JTG

Sample Information

Client Sample ID: MW-5 **York Sample ID:** 22G0719-06

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22G0719	#15209 13-16 Beach Channel	Water	July 13, 2022 12:55 pm	07/15/2022

Volatile Organics, 8260 Low Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
74-95-3	Dibromomethane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/21/2022 06:25 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/21/2022 16:49	JTG
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/21/2022 06:25 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/21/2022 16:49	JTG
100-41-4	Ethyl Benzene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/21/2022 06:25 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/21/2022 16:49	JTG
87-68-3	Hexachlorobutadiene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/21/2022 06:25 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/21/2022 16:49	JTG
98-82-8	Isopropylbenzene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/21/2022 06:25 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/21/2022 16:49	JTG
79-20-9	Methyl acetate	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/21/2022 06:25 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/21/2022 16:49	JTG
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/21/2022 06:25 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/21/2022 16:49	JTG
108-87-2	Methylcyclohexane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/21/2022 06:25 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/21/2022 16:49	JTG
75-09-2	Methylene chloride	ND		ug/L	1.00	2.00	1	EPA 8260C Certifications:	07/21/2022 06:25 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/21/2022 16:49	JTG
91-20-3	Naphthalene	ND		ug/L	1.00	2.00	1	EPA 8260C Certifications:	07/21/2022 06:25 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/21/2022 16:49	JTG
104-51-8	n-Butylbenzene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/21/2022 06:25 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/21/2022 16:49	JTG
103-65-1	n-Propylbenzene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/21/2022 06:25 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/21/2022 16:49	JTG
95-47-6	o-Xylene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/21/2022 06:25 CTDOH,NELAC-NY10854,NELAC-NY12058,PADEP	07/21/2022 16:49	JTG
179601-23-1	p- & m- Xylenes	ND		ug/L	0.500	1.00	1	EPA 8260C Certifications:	07/21/2022 06:25 CTDOH,NELAC-NY10854,NELAC-NY12058,PADEP	07/21/2022 16:49	JTG
105-05-5	* p-Diethylbenzene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/21/2022 06:25	07/21/2022 16:49	JTG
622-96-8	* p-Ethyltoluene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/21/2022 06:25	07/21/2022 16:49	JTG
99-87-6	p-Isopropyltoluene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/21/2022 06:25 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/21/2022 16:49	JTG
135-98-8	sec-Butylbenzene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/21/2022 06:25 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/21/2022 16:49	JTG
100-42-5	Styrene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/21/2022 06:25 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/21/2022 16:49	JTG
75-65-0	**tert-Butyl alcohol (TBA)**	**2.16**		ug/L	0.500	1.00	1	EPA 8260C Certifications:	07/21/2022 06:25 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/21/2022 16:49	JTG
98-06-6	tert-Butylbenzene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/21/2022 06:25 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/21/2022 16:49	JTG
127-18-4	**Tetrachloroethylene**	**2.00**		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/21/2022 06:25 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/21/2022 16:49	JTG
108-88-3	Toluene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/21/2022 06:25 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/21/2022 16:49	JTG

Sample Information

Client Sample ID: MW-5 **York Sample ID:** 22G0719-06

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22G0719	#15209 13-16 Beach Channel	Water	July 13, 2022 12:55 pm	07/15/2022

Volatile Organics, 8260 Low Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/21/2022 06:25	07/21/2022 16:49 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	JTG
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/21/2022 06:25	07/21/2022 16:49 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	JTG
79-01-6	Trichloroethylene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/21/2022 06:25	07/21/2022 16:49 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	JTG
75-69-4	Trichlorofluoromethane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/21/2022 06:25	07/21/2022 16:49 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	JTG
75-01-4	Vinyl Chloride	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/21/2022 06:25	07/21/2022 16:49 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	JTG
1330-20-7	Xylenes, Total	ND		ug/L	0.600	1.50	1	EPA 8260C Certifications:	07/21/2022 06:25	07/21/2022 16:49 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP	JTG

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: SURR: 1,2-Dichloroethane-d4*	*125 %*	*69-130*
2037-26-5	*Surrogate: SURR: Toluene-d8*	*91.9 %*	*81-117*
460-00-4	*Surrogate: SURR: p-Bromofluorobenzene*	*94.6 %*	*79-122*

Volatile Organics, Tentatively Identified Cmpds.

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
	Tentatively Identified Compounds	0.0		ug/L			1	EPA 8260C Certifications:	07/21/2022 06:25	07/21/2022 16:49	JTG

Sample Information

Client Sample ID: MW-7I **York Sample ID:** 22G0719-07

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22G0719	#15209 13-16 Beach Channel	Water	July 14, 2022 1:25 pm	07/15/2022

Volatile Organics, 8260 Low Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/22/2022 06:54	07/22/2022 16:13 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	JTG
71-55-6	1,1,1-Trichloroethane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/22/2022 06:54	07/22/2022 16:13 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	JTG
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/22/2022 06:54	07/22/2022 16:13 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	JTG
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/22/2022 06:54	07/22/2022 16:13 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	JTG

Sample Information

Client Sample ID: MW-7I

York Sample ID: 22G0719-07

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22G0719	#15209 13-16 Beach Channel	Water	July 14, 2022 1:25 pm	07/15/2022

Volatile Organics, 8260 Low Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/22/2022 06:54 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/22/2022 16:13	JTG
75-34-3	1,1-Dichloroethane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/22/2022 06:54 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/22/2022 16:13	JTG
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/22/2022 06:54 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/22/2022 16:13	JTG
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/22/2022 06:54 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/22/2022 16:13	JTG
96-18-4	1,2,3-Trichloropropane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/22/2022 06:54 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/22/2022 16:13	JTG
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/22/2022 06:54 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/22/2022 16:13	JTG
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/22/2022 06:54 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/22/2022 16:13	JTG
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/22/2022 06:54 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/22/2022 16:13	JTG
106-93-4	1,2-Dibromoethane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/22/2022 06:54 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/22/2022 16:13	JTG
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/22/2022 06:54 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/22/2022 16:13	JTG
107-06-2	1,2-Dichloroethane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/22/2022 06:54 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/22/2022 16:13	JTG
78-87-5	1,2-Dichloropropane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/22/2022 06:54 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/22/2022 16:13	JTG
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/22/2022 06:54 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/22/2022 16:13	JTG
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/22/2022 06:54 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/22/2022 16:13	JTG
142-28-9	1,3-Dichloropropane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/22/2022 06:54 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/22/2022 16:13	JTG
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/22/2022 06:54 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/22/2022 16:13	JTG
123-91-1	1,4-Dioxane	ND		ug/L	40.0	80.0	1	EPA 8260C Certifications:	07/22/2022 06:54 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/22/2022 16:13	JTG
78-93-3	**2-Butanone**	**2.66**	Cal-E	ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/22/2022 06:54 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/22/2022 16:13	JTG
591-78-6	2-Hexanone	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/22/2022 06:54 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/22/2022 16:13	JTG
108-10-1	4-Methyl-2-pentanone	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/22/2022 06:54 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/22/2022 16:13	JTG
67-64-1	**Acetone**	**14.3**		ug/L	1.00	2.00	1	EPA 8260C Certifications:	07/22/2022 06:54 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/22/2022 16:13	JTG
107-02-8	**Acrolein**	**2.83**		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/22/2022 06:54 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/22/2022 16:13	JTG
107-13-1	Acrylonitrile	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/22/2022 06:54 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/22/2022 16:13	JTG

Sample Information

Client Sample ID: MW-7I

York Sample ID: 22G0719-07

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22G0719	#15209 13-16 Beach Channel	Water	July 14, 2022 1:25 pm	07/15/2022

Volatile Organics, 8260 Low Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
71-43-2	Benzene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/22/2022 06:54	07/22/2022 16:13	JTG CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
74-97-5	Bromochloromethane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/22/2022 06:54	07/22/2022 16:13	JTG NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
75-27-4	Bromodichloromethane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/22/2022 06:54	07/22/2022 16:13	JTG CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
75-25-2	Bromoform	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/22/2022 06:54	07/22/2022 16:13	JTG CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
74-83-9	Bromomethane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/22/2022 06:54	07/22/2022 16:13	JTG CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
75-15-0	**Carbon disulfide**	**0.810**		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/22/2022 06:54	07/22/2022 16:13	JTG CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
56-23-5	Carbon tetrachloride	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/22/2022 06:54	07/22/2022 16:13	JTG CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
108-90-7	Chlorobenzene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/22/2022 06:54	07/22/2022 16:13	JTG CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
75-00-3	Chloroethane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/22/2022 06:54	07/22/2022 16:13	JTG CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
67-66-3	**Chloroform**	**1.81**		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/22/2022 06:54	07/22/2022 16:13	JTG CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
74-87-3	Chloromethane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/22/2022 06:54	07/22/2022 16:13	JTG CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
156-59-2	**cis-1,2-Dichloroethylene**	**0.240**	J	ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/22/2022 06:54	07/22/2022 16:13	JTG CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/22/2022 06:54	07/22/2022 16:13	JTG CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
110-82-7	Cyclohexane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/22/2022 06:54	07/22/2022 16:13	JTG NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
124-48-1	Dibromochloromethane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/22/2022 06:54	07/22/2022 16:13	JTG CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
74-95-3	Dibromomethane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/22/2022 06:54	07/22/2022 16:13	JTG NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/22/2022 06:54	07/22/2022 16:13	JTG NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
100-41-4	Ethyl Benzene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/22/2022 06:54	07/22/2022 16:13	JTG CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
87-68-3	Hexachlorobutadiene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/22/2022 06:54	07/22/2022 16:13	JTG NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
98-82-8	Isopropylbenzene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/22/2022 06:54	07/22/2022 16:13	JTG CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
79-20-9	**Methyl acetate**	**0.430**	J	ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/22/2022 06:54	07/22/2022 16:13	JTG NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/22/2022 06:54	07/22/2022 16:13	JTG CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
108-87-2	Methylcyclohexane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/22/2022 06:54	07/22/2022 16:13	JTG NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP

Sample Information

Client Sample ID: MW-7I

York Sample ID: 22G0719-07

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22G0719	#15209 13-16 Beach Channel	Water	July 14, 2022 1:25 pm	07/15/2022

Volatile Organics, 8260 Low Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
75-09-2	Methylene chloride	ND		ug/L	1.00	2.00	1	EPA 8260C Certifications:	07/22/2022 06:54	07/22/2022 16:13 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	JTG
91-20-3	Naphthalene	ND		ug/L	1.00	2.00	1	EPA 8260C Certifications:	07/22/2022 06:54	07/22/2022 16:13 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	JTG
104-51-8	n-Butylbenzene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/22/2022 06:54	07/22/2022 16:13 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	JTG
103-65-1	n-Propylbenzene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/22/2022 06:54	07/22/2022 16:13 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	JTG
95-47-6	o-Xylene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/22/2022 06:54	07/22/2022 16:13 CTDOH,NELAC-NY10854,NELAC-NY12058,PADEP	JTG
179601-23-1	p- & m- Xylenes	ND		ug/L	0.500	1.00	1	EPA 8260C Certifications:	07/22/2022 06:54	07/22/2022 16:13 CTDOH,NELAC-NY10854,NELAC-NY12058,PADEP	JTG
105-05-5	* p-Diethylbenzene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/22/2022 06:54	07/22/2022 16:13	JTG
622-96-8	* p-Ethyltoluene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/22/2022 06:54	07/22/2022 16:13	JTG
99-87-6	p-Isopropyltoluene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/22/2022 06:54	07/22/2022 16:13 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	JTG
135-98-8	sec-Butylbenzene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/22/2022 06:54	07/22/2022 16:13 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	JTG
100-42-5	Styrene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/22/2022 06:54	07/22/2022 16:13 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	JTG
75-65-0	tert-Butyl alcohol (TBA)	ND		ug/L	0.500	1.00	1	EPA 8260C Certifications:	07/22/2022 06:54	07/22/2022 16:13 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	JTG
98-06-6	tert-Butylbenzene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/22/2022 06:54	07/22/2022 16:13 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	JTG
127-18-4	**Tetrachloroethylene**	**6.79**		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/22/2022 06:54	07/22/2022 16:13 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	JTG
108-88-3	Toluene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/22/2022 06:54	07/22/2022 16:13 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	JTG
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/22/2022 06:54	07/22/2022 16:13 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	JTG
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/22/2022 06:54	07/22/2022 16:13 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	JTG
79-01-6	Trichloroethylene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/22/2022 06:54	07/22/2022 16:13 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	JTG
75-69-4	Trichlorofluoromethane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/22/2022 06:54	07/22/2022 16:13 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	JTG
75-01-4	Vinyl Chloride	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/22/2022 06:54	07/22/2022 16:13 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	JTG
1330-20-7	Xylenes, Total	ND		ug/L	0.600	1.50	1	EPA 8260C Certifications:	07/22/2022 06:54	07/22/2022 16:13 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP	JTG

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: SURR: 1,2-Dichloroethane-d4*	*127 %*	*69-130*
2037-26-5	*Surrogate: SURR: Toluene-d8*	*94.0 %*	*81-117*

Sample Information

Client Sample ID: MW-7I **York Sample ID:** 22G0719-07

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22G0719	#15209 13-16 Beach Channel	Water	July 14, 2022 1:25 pm	07/15/2022

Volatile Organics, 8260 Low Comprehensive

Log-in Notes: Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
460-00-4	*Surrogate: SURR: p-Bromofluorobenzene*	*89.0 %*			*79-122*						

Volatile Organics, Tentatively Identified Cmpds.

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
	Tentatively Identified Compounds	0.0		ug/L			1	EPA 8260C Certifications:	07/22/2022 06:54	07/22/2022 16:13	JTG

Iron by EPA 6010

Log-in Notes: Sample Notes:

Sample Prepared by Method: EPA 3015A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-89-6	**Iron**	**2.33**		mg/L	0.278	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/20/2022 11:40	07/20/2022 15:37	KT

Iron, Dissolved by EPA 6010

Log-in Notes: Sample Notes:

Sample Prepared by Method: EPA 3015A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-89-6	**Iron**	**0.319**		mg/L	0.278	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/19/2022 12:11	07/20/2022 13:09	KT

Nitrate as N

Log-in Notes: Sample Notes:

Sample Prepared by Method: EPA 300

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
14797-55-8	Nitrate as N	ND		mg/L	0.0500	1	EPA 300.0 Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	07/15/2022 20:44	07/15/2022 23:21	ZTS

Sulfate as SO4

Log-in Notes: Sample Notes:

Sample Prepared by Method: EPA 300

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
14808-79-8	**Sulfate**	**26.4**		mg/L	1.00	1	EPA 300.0 Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	07/15/2022 20:44	07/15/2022 23:21	ZTS

Sulfide

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

Sample Information

Client Sample ID: MW-7I **York Sample ID:** 22G0719-07

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22G0719	#15209 13-16 Beach Channel	Water	July 14, 2022 1:25 pm	07/15/2022

Sulfide **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
18496-25-8	**Sulfide**	**2.0**		mg/L	1.0	1	SM 4500-S F	07/21/2022 08:40	07/21/2022 08:40	AD
							Certifications:	CTDOH,NJDEP,NELAC-NY10854,PADEP		

Analyzed by: Hampton-Clarke Veritech (SUB)

Methane, Ethane & Ethylene-RSK **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: Preparation for GC Analysis

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
74-84-0	Methane, Ethane & Ethylene	See Attached		See Attached			See Attached	07/14/2022 13:25		
							Certifications:			

Analyzed by: Phoenix Environmental Labs, Inc. *

SM5310B-11 **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: SM5310B-11

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
PHNX - TOC	**Total Organic Carbon**	**69**		mg/L	10	10	SM5310B-11	07/22/2022 11:10	07/22/2022 00:00	CT007
							Certifications:			

Sample Information

Client Sample ID: MW-7S **York Sample ID:** 22G0719-08

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22G0719	#15209 13-16 Beach Channel	Water	July 14, 2022 12:45 pm	07/15/2022

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

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/L	0.200	0.500	1	EPA 8260C	07/21/2022 06:25	07/21/2022 17:15	JTG
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
71-55-6	1,1,1-Trichloroethane	ND		ug/L	0.200	0.500	1	EPA 8260C	07/21/2022 06:25	07/21/2022 17:15	JTG
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.200	0.500	1	EPA 8260C	07/21/2022 06:25	07/21/2022 17:15	JTG
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		

Sample Information

Client Sample ID: MW-7S

York Sample ID: 22G0719-08

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22G0719	#15209 13-16 Beach Channel	Water	July 14, 2022 12:45 pm	07/15/2022

Volatile Organics, 8260 Low Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/21/2022 06:25	07/21/2022 17:15 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	JTG
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/21/2022 06:25	07/21/2022 17:15 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	JTG
75-34-3	1,1-Dichloroethane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/21/2022 06:25	07/21/2022 17:15 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	JTG
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/21/2022 06:25	07/21/2022 17:15 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	JTG
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/21/2022 06:25	07/21/2022 17:15 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	JTG
96-18-4	1,2,3-Trichloropropane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/21/2022 06:25	07/21/2022 17:15 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	JTG
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/21/2022 06:25	07/21/2022 17:15 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	JTG
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/21/2022 06:25	07/21/2022 17:15 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	JTG
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/21/2022 06:25	07/21/2022 17:15 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	JTG
106-93-4	1,2-Dibromoethane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/21/2022 06:25	07/21/2022 17:15 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	JTG
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/21/2022 06:25	07/21/2022 17:15 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	JTG
107-06-2	1,2-Dichloroethane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/21/2022 06:25	07/21/2022 17:15 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	JTG
78-87-5	1,2-Dichloropropane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/21/2022 06:25	07/21/2022 17:15 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	JTG
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/21/2022 06:25	07/21/2022 17:15 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	JTG
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/21/2022 06:25	07/21/2022 17:15 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	JTG
142-28-9	1,3-Dichloropropane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/21/2022 06:25	07/21/2022 17:15 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	JTG
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/21/2022 06:25	07/21/2022 17:15 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	JTG
123-91-1	1,4-Dioxane	ND		ug/L	40.0	80.0	1	EPA 8260C Certifications:	07/21/2022 06:25	07/21/2022 17:15 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	JTG
78-93-3	**2-Butanone**	**4.22**	Cal-E	ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/21/2022 06:25	07/21/2022 17:15 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	JTG
591-78-6	**2-Hexanone**	**0.240**	Cal-E, J	ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/21/2022 06:25	07/21/2022 17:15 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	JTG
108-10-1	4-Methyl-2-pentanone	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/21/2022 06:25	07/21/2022 17:15 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	JTG
67-64-1	**Acetone**	**10.1**		ug/L	1.00	2.00	1	EPA 8260C Certifications:	07/21/2022 06:25	07/21/2022 17:15 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	JTG
107-02-8	Acrolein	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/21/2022 06:25	07/21/2022 17:15 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	JTG

Sample Information

Client Sample ID: MW-7S

York Sample ID: 22G0719-08

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22G0719	#15209 13-16 Beach Channel	Water	July 14, 2022 12:45 pm	07/15/2022

Volatile Organics, 8260 Low Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
107-13-1	Acrylonitrile	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/21/2022 06:25	07/21/2022 17:15	JTG CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
71-43-2	Benzene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/21/2022 06:25	07/21/2022 17:15	JTG CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
74-97-5	Bromochloromethane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/21/2022 06:25	07/21/2022 17:15	JTG NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
75-27-4	Bromodichloromethane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/21/2022 06:25	07/21/2022 17:15	JTG CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
75-25-2	Bromoform	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/21/2022 06:25	07/21/2022 17:15	JTG CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
74-83-9	Bromomethane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/21/2022 06:25	07/21/2022 17:15	JTG CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
75-15-0	**Carbon disulfide**	**1.61**		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/21/2022 06:25	07/21/2022 17:15	JTG CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
56-23-5	Carbon tetrachloride	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/21/2022 06:25	07/21/2022 17:15	JTG CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
108-90-7	Chlorobenzene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/21/2022 06:25	07/21/2022 17:15	JTG CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
75-00-3	Chloroethane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/21/2022 06:25	07/21/2022 17:15	JTG CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
67-66-3	**Chloroform**	**3.15**		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/21/2022 06:25	07/21/2022 17:15	JTG CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
74-87-3	**Chloromethane**	**0.300**	J	ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/21/2022 06:25	07/21/2022 17:15	JTG CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
156-59-2	**cis-1,2-Dichloroethylene**	**1.95**		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/21/2022 06:25	07/21/2022 17:15	JTG CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/21/2022 06:25	07/21/2022 17:15	JTG CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
110-82-7	Cyclohexane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/21/2022 06:25	07/21/2022 17:15	JTG NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
124-48-1	Dibromochloromethane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/21/2022 06:25	07/21/2022 17:15	JTG CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
74-95-3	Dibromomethane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/21/2022 06:25	07/21/2022 17:15	JTG NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/21/2022 06:25	07/21/2022 17:15	JTG NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
100-41-4	Ethyl Benzene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/21/2022 06:25	07/21/2022 17:15	JTG CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
87-68-3	Hexachlorobutadiene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/21/2022 06:25	07/21/2022 17:15	JTG NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
98-82-8	Isopropylbenzene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/21/2022 06:25	07/21/2022 17:15	JTG CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
79-20-9	Methyl acetate	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/21/2022 06:25	07/21/2022 17:15	JTG NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/21/2022 06:25	07/21/2022 17:15	JTG CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP

Sample Information

Client Sample ID: MW-7S

York Sample ID: 22G0719-08

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22G0719	#15209 13-16 Beach Channel	Water	July 14, 2022 12:45 pm	07/15/2022

Volatile Organics, 8260 Low Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
108-87-2	Methylcyclohexane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/21/2022 06:25 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/21/2022 17:15	JTG
75-09-2	Methylene chloride	ND		ug/L	1.00	2.00	1	EPA 8260C Certifications:	07/21/2022 06:25 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/21/2022 17:15	JTG
91-20-3	Naphthalene	ND		ug/L	1.00	2.00	1	EPA 8260C Certifications:	07/21/2022 06:25 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/21/2022 17:15	JTG
104-51-8	n-Butylbenzene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/21/2022 06:25 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/21/2022 17:15	JTG
103-65-1	n-Propylbenzene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/21/2022 06:25 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/21/2022 17:15	JTG
95-47-6	o-Xylene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/21/2022 06:25 CTDOH,NELAC-NY10854,NELAC-NY12058,PADEP	07/21/2022 17:15	JTG
179601-23-1	p- & m- Xylenes	ND		ug/L	0.500	1.00	1	EPA 8260C Certifications:	07/21/2022 06:25 CTDOH,NELAC-NY10854,NELAC-NY12058,PADEP	07/21/2022 17:15	JTG
105-05-5	* p-Diethylbenzene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/21/2022 06:25	07/21/2022 17:15	JTG
622-96-8	* p-Ethyltoluene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/21/2022 06:25	07/21/2022 17:15	JTG
99-87-6	p-Isopropyltoluene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/21/2022 06:25 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/21/2022 17:15	JTG
135-98-8	sec-Butylbenzene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/21/2022 06:25 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/21/2022 17:15	JTG
100-42-5	Styrene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/21/2022 06:25 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/21/2022 17:15	JTG
75-65-0	**tert-Butyl alcohol (TBA)**	**1.64**		ug/L	0.500	1.00	1	EPA 8260C Certifications:	07/21/2022 06:25 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/21/2022 17:15	JTG
98-06-6	tert-Butylbenzene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/21/2022 06:25 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/21/2022 17:15	JTG
127-18-4	**Tetrachloroethylene**	**8.65**		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/21/2022 06:25 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/21/2022 17:15	JTG
108-88-3	Toluene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/21/2022 06:25 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/21/2022 17:15	JTG
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/21/2022 06:25 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/21/2022 17:15	JTG
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/21/2022 06:25 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/21/2022 17:15	JTG
79-01-6	**Trichloroethylene**	**0.290**	J	ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/21/2022 06:25 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/21/2022 17:15	JTG
75-69-4	Trichlorofluoromethane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/21/2022 06:25 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/21/2022 17:15	JTG
75-01-4	Vinyl Chloride	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/21/2022 06:25 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/21/2022 17:15	JTG
1330-20-7	Xylenes, Total	ND		ug/L	0.600	1.50	1	EPA 8260C Certifications:	07/21/2022 06:25 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP	07/21/2022 17:15	JTG

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

Sample Information

Client Sample ID: MW-7S

York Sample ID: 22G0719-08

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22G0719	#15209 13-16 Beach Channel	Water	July 14, 2022 12:45 pm	07/15/2022

Volatile Organics, 8260 Low Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
2037-26-5	*Surrogate: SURR: Toluene-d8*	*90.5 %*			*81-117*						
460-00-4	*Surrogate: SURR: p-Bromofluorobenzene*	*84.6 %*			*79-122*						

Volatile Organics, Tentatively Identified Cmpds.

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
	Tentatively Identified Compounds	0.0		ug/L			1	EPA 8260C Certifications:	07/21/2022 06:25	07/21/2022 17:15	JTG

Iron by EPA 6010

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3015A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-89-6	**Iron**	**4.44**		mg/L	0.278	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/20/2022 11:40	07/20/2022 15:40	KT

Iron, Dissolved by EPA 6010

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3015A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-89-6	**Iron**	**1.18**		mg/L	0.278	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/19/2022 12:11	07/20/2022 13:12	KT

Nitrate as N

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 300

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
14797-55-8	**Nitrate as N**	**0.0908**		mg/L	0.0500	1	EPA 300.0 Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	07/15/2022 20:44	07/15/2022 23:48	ZTS

Sulfate as SO4

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 300

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
14808-79-8	**Sulfate**	**5.94**		mg/L	1.00	1	EPA 300.0 Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	07/15/2022 20:44	07/15/2022 23:48	ZTS

Sulfide

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

Sample Information

Client Sample ID: MW-7S **York Sample ID:** 22G0719-08

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22G0719	#15209 13-16 Beach Channel	Water	July 14, 2022 12:45 pm	07/15/2022

Sulfide **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
18496-25-8	Sulfide	ND		mg/L	1.0	1	SM 4500-S F	07/21/2022 08:40	07/21/2022 08:40	AD
							Certifications:	CTDOH,NJDEP,NELAC-NY10854,PADEP		

Analyzed by: Hampton-Clarke Veritech (SUB)

Methane, Ethane & Ethylene-RSK **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: Preparation for GC Analysis

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
74-84-0	Methane, Ethane & Ethylene	See Attached		See Attached			See Attached	07/14/2022 12:45		
							Certifications:			

Analyzed by: Phoenix Environmental Labs, Inc. *

SM5310B-11 **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: SM5310B-11

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
PHNX - TOC	**Total Organic Carbon**	**11.3**		mg/L	1.0	1	SM5310B-11	07/20/2022 16:13	07/20/2022 00:00	CT007
							Certifications:			

Sample Information

Client Sample ID: MW-8I **York Sample ID:** 22G0719-09

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22G0719	#15209 13-16 Beach Channel	Water	July 14, 2022 11:05 am	07/15/2022

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

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/L	0.200	0.500	1	EPA 8260C	07/21/2022 06:25	07/21/2022 17:42	JTG
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
71-55-6	1,1,1-Trichloroethane	ND		ug/L	0.200	0.500	1	EPA 8260C	07/21/2022 06:25	07/21/2022 17:42	JTG
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.200	0.500	1	EPA 8260C	07/21/2022 06:25	07/21/2022 17:42	JTG
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		

Sample Information

Client Sample ID: MW-8I

York Sample ID: 22G0719-09

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22G0719	#15209 13-16 Beach Channel	Water	July 14, 2022 11:05 am	07/15/2022

Volatile Organics, 8260 Low Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/21/2022 06:25	07/21/2022 17:42 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	JTG
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/21/2022 06:25	07/21/2022 17:42 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	JTG
75-34-3	1,1-Dichloroethane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/21/2022 06:25	07/21/2022 17:42 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	JTG
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/21/2022 06:25	07/21/2022 17:42 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	JTG
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/21/2022 06:25	07/21/2022 17:42 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	JTG
96-18-4	1,2,3-Trichloropropane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/21/2022 06:25	07/21/2022 17:42 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	JTG
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/21/2022 06:25	07/21/2022 17:42 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	JTG
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/21/2022 06:25	07/21/2022 17:42 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	JTG
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/21/2022 06:25	07/21/2022 17:42 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	JTG
106-93-4	1,2-Dibromoethane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/21/2022 06:25	07/21/2022 17:42 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	JTG
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/21/2022 06:25	07/21/2022 17:42 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	JTG
107-06-2	1,2-Dichloroethane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/21/2022 06:25	07/21/2022 17:42 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	JTG
78-87-5	1,2-Dichloropropane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/21/2022 06:25	07/21/2022 17:42 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	JTG
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/21/2022 06:25	07/21/2022 17:42 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	JTG
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/21/2022 06:25	07/21/2022 17:42 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	JTG
142-28-9	1,3-Dichloropropane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/21/2022 06:25	07/21/2022 17:42 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	JTG
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/21/2022 06:25	07/21/2022 17:42 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	JTG
123-91-1	1,4-Dioxane	ND		ug/L	40.0	80.0	1	EPA 8260C Certifications:	07/21/2022 06:25	07/21/2022 17:42 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	JTG
78-93-3	**2-Butanone**	**0.530**	Cal-E	ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/21/2022 06:25	07/21/2022 17:42 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	JTG
591-78-6	2-Hexanone	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/21/2022 06:25	07/21/2022 17:42 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	JTG
108-10-1	4-Methyl-2-pentanone	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/21/2022 06:25	07/21/2022 17:42 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	JTG
67-64-1	**Acetone**	**2.08**		ug/L	1.00	2.00	1	EPA 8260C Certifications:	07/21/2022 06:25	07/21/2022 17:42 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	JTG
107-02-8	Acrolein	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/21/2022 06:25	07/21/2022 17:42 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	JTG

Sample Information

Client Sample ID: MW-8I

York Sample ID: 22G0719-09

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22G0719	#15209 13-16 Beach Channel	Water	July 14, 2022 11:05 am	07/15/2022

Volatile Organics, 8260 Low Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
107-13-1	Acrylonitrile	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/21/2022 06:25	07/21/2022 17:42 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	JTG
71-43-2	Benzene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/21/2022 06:25	07/21/2022 17:42 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	JTG
74-97-5	Bromochloromethane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/21/2022 06:25	07/21/2022 17:42 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	JTG
75-27-4	Bromodichloromethane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/21/2022 06:25	07/21/2022 17:42 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	JTG
75-25-2	Bromoform	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/21/2022 06:25	07/21/2022 17:42 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	JTG
74-83-9	Bromomethane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/21/2022 06:25	07/21/2022 17:42 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	JTG
75-15-0	**Carbon disulfide**	**0.200**	J	ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/21/2022 06:25	07/21/2022 17:42 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	JTG
56-23-5	Carbon tetrachloride	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/21/2022 06:25	07/21/2022 17:42 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	JTG
108-90-7	Chlorobenzene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/21/2022 06:25	07/21/2022 17:42 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	JTG
75-00-3	Chloroethane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/21/2022 06:25	07/21/2022 17:42 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	JTG
67-66-3	**Chloroform**	**5.93**		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/21/2022 06:25	07/21/2022 17:42 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	JTG
74-87-3	Chloromethane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/21/2022 06:25	07/21/2022 17:42 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	JTG
156-59-2	cis-1,2-Dichloroethylene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/21/2022 06:25	07/21/2022 17:42 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	JTG
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/21/2022 06:25	07/21/2022 17:42 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	JTG
110-82-7	Cyclohexane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/21/2022 06:25	07/21/2022 17:42 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	JTG
124-48-1	Dibromochloromethane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/21/2022 06:25	07/21/2022 17:42 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	JTG
74-95-3	Dibromomethane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/21/2022 06:25	07/21/2022 17:42 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	JTG
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/21/2022 06:25	07/21/2022 17:42 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	JTG
100-41-4	Ethyl Benzene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/21/2022 06:25	07/21/2022 17:42 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	JTG
87-68-3	Hexachlorobutadiene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/21/2022 06:25	07/21/2022 17:42 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	JTG
98-82-8	Isopropylbenzene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/21/2022 06:25	07/21/2022 17:42 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	JTG
79-20-9	Methyl acetate	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/21/2022 06:25	07/21/2022 17:42 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	JTG
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/21/2022 06:25	07/21/2022 17:42 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	JTG

Sample Information

Client Sample ID: MW-8I

York Sample ID: 22G0719-09

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22G0719	#15209 13-16 Beach Channel	Water	July 14, 2022 11:05 am	07/15/2022

Volatile Organics, 8260 Low Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
108-87-2	Methylcyclohexane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/21/2022 06:25 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/21/2022 17:42	JTG
75-09-2	**Methylene chloride**	**2.32**		ug/L	1.00	2.00	1	EPA 8260C Certifications:	07/21/2022 06:25 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/21/2022 17:42	JTG
91-20-3	Naphthalene	ND		ug/L	1.00	2.00	1	EPA 8260C Certifications:	07/21/2022 06:25 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/21/2022 17:42	JTG
104-51-8	n-Butylbenzene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/21/2022 06:25 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/21/2022 17:42	JTG
103-65-1	n-Propylbenzene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/21/2022 06:25 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/21/2022 17:42	JTG
95-47-6	o-Xylene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/21/2022 06:25 CTDOH,NELAC-NY10854,NELAC-NY12058,PADEP	07/21/2022 17:42	JTG
179601-23-1	p- & m- Xylenes	ND		ug/L	0.500	1.00	1	EPA 8260C Certifications:	07/21/2022 06:25 CTDOH,NELAC-NY10854,NELAC-NY12058,PADEP	07/21/2022 17:42	JTG
105-05-5	* p-Diethylbenzene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/21/2022 06:25	07/21/2022 17:42	JTG
622-96-8	* p-Ethyltoluene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/21/2022 06:25	07/21/2022 17:42	JTG
99-87-6	p-Isopropyltoluene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/21/2022 06:25 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/21/2022 17:42	JTG
135-98-8	sec-Butylbenzene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/21/2022 06:25 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/21/2022 17:42	JTG
100-42-5	Styrene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/21/2022 06:25 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/21/2022 17:42	JTG
75-65-0	**tert-Butyl alcohol (TBA)**	**1.21**		ug/L	0.500	1.00	1	EPA 8260C Certifications:	07/21/2022 06:25 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/21/2022 17:42	JTG
98-06-6	tert-Butylbenzene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/21/2022 06:25 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/21/2022 17:42	JTG
127-18-4	**Tetrachloroethylene**	**14.9**		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/21/2022 06:25 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/21/2022 17:42	JTG
108-88-3	Toluene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/21/2022 06:25 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/21/2022 17:42	JTG
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/21/2022 06:25 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/21/2022 17:42	JTG
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/21/2022 06:25 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/21/2022 17:42	JTG
79-01-6	Trichloroethylene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/21/2022 06:25 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/21/2022 17:42	JTG
75-69-4	Trichlorofluoromethane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/21/2022 06:25 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/21/2022 17:42	JTG
75-01-4	Vinyl Chloride	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/21/2022 06:25 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/21/2022 17:42	JTG
1330-20-7	Xylenes, Total	ND		ug/L	0.600	1.50	1	EPA 8260C Certifications:	07/21/2022 06:25 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP	07/21/2022 17:42	JTG

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: SURR: 1,2-Dichloroethane-d4*	*126 %*	*69-130*

Sample Information

Client Sample ID: MW-8I

York Sample ID: 22G0719-09

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22G0719	#15209 13-16 Beach Channel	Water	July 14, 2022 11:05 am	07/15/2022

Volatile Organics, 8260 Low Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
2037-26-5	*Surrogate: SURR: Toluene-d8*	*93.3 %*			*81-117*						
460-00-4	*Surrogate: SURR: p-Bromofluorobenzene*	*96.4 %*			*79-122*						

Volatile Organics, Tentatively Identified Cmpds.

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
	Tentatively Identified Compounds	0.0		ug/L			1	EPA 8260C Certifications:	07/21/2022 06:25	07/21/2022 17:42	JTG

Iron by EPA 6010

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3015A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-89-6	**Iron**	**1.62**		mg/L	0.278	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/20/2022 11:40	07/20/2022 15:43	KT

Iron, Dissolved by EPA 6010

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3015A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-89-6	Iron	ND		mg/L	0.278	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/19/2022 12:11	07/20/2022 13:15	KT

Nitrate as N

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 300

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
14797-55-8	**Nitrate as N**	**0.222**		mg/L	0.0500	1	EPA 300.0 Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	07/15/2022 20:44	07/15/2022 23:57	ZTS

Sulfate as SO4

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 300

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
14808-79-8	**Sulfate**	**30.0**		mg/L	1.00	1	EPA 300.0 Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	07/15/2022 20:44	07/15/2022 23:57	ZTS

Sulfide

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

Sample Information

Client Sample ID: MW-8I **York Sample ID:** 22G0719-09

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22G0719	#15209 13-16 Beach Channel	Water	July 14, 2022 11:05 am	07/15/2022

Sulfide **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
18496-25-8	Sulfide	ND		mg/L	1.0	1	SM 4500-S F	07/21/2022 08:40	07/21/2022 08:40	AD
							Certifications:	CTDOH,NJDEP,NELAC-NY10854,PADEP		

Analyzed by: Hampton-Clarke Veritech (SUB)

Methane, Ethane & Ethylene-RSK **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: Preparation for GC Analysis

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
74-84-0	Methane, Ethane & Ethylene	See Attached		See Attached			See Attached	07/14/2022 11:05		
							Certifications:			

Analyzed by: Phoenix Environmental Labs, Inc. *

SM5310B-11 **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: SM5310B-11

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
PHNX - TOC	**Total Organic Carbon**	**2.7**		mg/L	1.0	1	SM5310B-11	07/20/2022 16:27	07/20/2022 00:00	CT007
							Certifications:			

Sample Information

Client Sample ID: MW-8S **York Sample ID:** 22G0719-10

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22G0719	#15209 13-16 Beach Channel	Water	July 14, 2022 11:50 am	07/15/2022

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

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/L	0.200	0.500	1	EPA 8260C	07/21/2022 06:25	07/21/2022 18:08	JTG
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
71-55-6	1,1,1-Trichloroethane	ND		ug/L	0.200	0.500	1	EPA 8260C	07/21/2022 06:25	07/21/2022 18:08	JTG
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.200	0.500	1	EPA 8260C	07/21/2022 06:25	07/21/2022 18:08	JTG
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		

Sample Information

Client Sample ID: **MW-8S** **York Sample ID:** **22G0719-10**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22G0719	#15209 13-16 Beach Channel	Water	July 14, 2022 11:50 am	07/15/2022

Volatile Organics, 8260 Low Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/21/2022 06:25	07/21/2022 18:08 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	JTG
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/21/2022 06:25	07/21/2022 18:08 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	JTG
75-34-3	1,1-Dichloroethane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/21/2022 06:25	07/21/2022 18:08 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	JTG
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/21/2022 06:25	07/21/2022 18:08 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	JTG
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/21/2022 06:25	07/21/2022 18:08 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	JTG
96-18-4	1,2,3-Trichloropropane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/21/2022 06:25	07/21/2022 18:08 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	JTG
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/21/2022 06:25	07/21/2022 18:08 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	JTG
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/21/2022 06:25	07/21/2022 18:08 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	JTG
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/21/2022 06:25	07/21/2022 18:08 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	JTG
106-93-4	1,2-Dibromoethane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/21/2022 06:25	07/21/2022 18:08 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	JTG
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/21/2022 06:25	07/21/2022 18:08 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	JTG
107-06-2	1,2-Dichloroethane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/21/2022 06:25	07/21/2022 18:08 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	JTG
78-87-5	1,2-Dichloropropane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/21/2022 06:25	07/21/2022 18:08 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	JTG
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/21/2022 06:25	07/21/2022 18:08 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	JTG
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/21/2022 06:25	07/21/2022 18:08 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	JTG
142-28-9	1,3-Dichloropropane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/21/2022 06:25	07/21/2022 18:08 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	JTG
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/21/2022 06:25	07/21/2022 18:08 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	JTG
123-91-1	1,4-Dioxane	ND		ug/L	40.0	80.0	1	EPA 8260C Certifications:	07/21/2022 06:25	07/21/2022 18:08 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	JTG
78-93-3	**2-Butanone**	**0.870**	Cal-E	ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/21/2022 06:25	07/21/2022 18:08 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	JTG
591-78-6	2-Hexanone	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/21/2022 06:25	07/21/2022 18:08 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	JTG
108-10-1	4-Methyl-2-pentanone	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/21/2022 06:25	07/21/2022 18:08 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	JTG
67-64-1	**Acetone**	**1.16**	J	ug/L	1.00	2.00	1	EPA 8260C Certifications:	07/21/2022 06:25	07/21/2022 18:08 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	JTG
107-02-8	Acrolein	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/21/2022 06:25	07/21/2022 18:08 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	JTG

Sample Information

Client Sample ID: **MW-8S** **York Sample ID:** **22G0719-10**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22G0719	#15209 13-16 Beach Channel	Water	July 14, 2022 11:50 am	07/15/2022

Volatile Organics, 8260 Low Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
107-13-1	Acrylonitrile	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/21/2022 06:25	07/21/2022 18:08 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	JTG
71-43-2	Benzene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/21/2022 06:25	07/21/2022 18:08 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	JTG
74-97-5	Bromochloromethane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/21/2022 06:25	07/21/2022 18:08 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	JTG
75-27-4	Bromodichloromethane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/21/2022 06:25	07/21/2022 18:08 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	JTG
75-25-2	Bromoform	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/21/2022 06:25	07/21/2022 18:08 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	JTG
74-83-9	Bromomethane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/21/2022 06:25	07/21/2022 18:08 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	JTG
75-15-0	Carbon disulfide	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/21/2022 06:25	07/21/2022 18:08 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	JTG
56-23-5	Carbon tetrachloride	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/21/2022 06:25	07/21/2022 18:08 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	JTG
108-90-7	Chlorobenzene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/21/2022 06:25	07/21/2022 18:08 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	JTG
75-00-3	Chloroethane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/21/2022 06:25	07/21/2022 18:08 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	JTG
67-66-3	**Chloroform**	**0.250**	J	ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/21/2022 06:25	07/21/2022 18:08 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	JTG
74-87-3	Chloromethane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/21/2022 06:25	07/21/2022 18:08 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	JTG
156-59-2	cis-1,2-Dichloroethylene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/21/2022 06:25	07/21/2022 18:08 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	JTG
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/21/2022 06:25	07/21/2022 18:08 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	JTG
110-82-7	Cyclohexane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/21/2022 06:25	07/21/2022 18:08 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	JTG
124-48-1	Dibromochloromethane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/21/2022 06:25	07/21/2022 18:08 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	JTG
74-95-3	Dibromomethane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/21/2022 06:25	07/21/2022 18:08 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	JTG
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/21/2022 06:25	07/21/2022 18:08 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	JTG
100-41-4	Ethyl Benzene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/21/2022 06:25	07/21/2022 18:08 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	JTG
87-68-3	Hexachlorobutadiene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/21/2022 06:25	07/21/2022 18:08 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	JTG
98-82-8	Isopropylbenzene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/21/2022 06:25	07/21/2022 18:08 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	JTG
79-20-9	Methyl acetate	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/21/2022 06:25	07/21/2022 18:08 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	JTG
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/21/2022 06:25	07/21/2022 18:08 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	JTG

Sample Information

Client Sample ID: MW-8S

York Sample ID: 22G0719-10

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22G0719	#15209 13-16 Beach Channel	Water	July 14, 2022 11:50 am	07/15/2022

Volatile Organics, 8260 Low Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
108-87-2	Methylcyclohexane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/21/2022 06:25 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/21/2022 18:08	JTG
75-09-2	Methylene chloride	ND		ug/L	1.00	2.00	1	EPA 8260C Certifications:	07/21/2022 06:25 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/21/2022 18:08	JTG
91-20-3	Naphthalene	ND		ug/L	1.00	2.00	1	EPA 8260C Certifications:	07/21/2022 06:25 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/21/2022 18:08	JTG
104-51-8	n-Butylbenzene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/21/2022 06:25 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/21/2022 18:08	JTG
103-65-1	n-Propylbenzene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/21/2022 06:25 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/21/2022 18:08	JTG
95-47-6	o-Xylene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/21/2022 06:25 CTDOH,NELAC-NY10854,NELAC-NY12058,PADEP	07/21/2022 18:08	JTG
179601-23-1	p- & m- Xylenes	ND		ug/L	0.500	1.00	1	EPA 8260C Certifications:	07/21/2022 06:25 CTDOH,NELAC-NY10854,NELAC-NY12058,PADEP	07/21/2022 18:08	JTG
105-05-5	* p-Diethylbenzene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/21/2022 06:25	07/21/2022 18:08	JTG
622-96-8	* p-Ethyltoluene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/21/2022 06:25	07/21/2022 18:08	JTG
99-87-6	p-Isopropyltoluene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/21/2022 06:25 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/21/2022 18:08	JTG
135-98-8	sec-Butylbenzene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/21/2022 06:25 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/21/2022 18:08	JTG
100-42-5	Styrene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/21/2022 06:25 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/21/2022 18:08	JTG
75-65-0	tert-Butyl alcohol (TBA)	ND		ug/L	0.500	1.00	1	EPA 8260C Certifications:	07/21/2022 06:25 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/21/2022 18:08	JTG
98-06-6	tert-Butylbenzene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/21/2022 06:25 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/21/2022 18:08	JTG
127-18-4	**Tetrachloroethylene**	**1.28**		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/21/2022 06:25 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/21/2022 18:08	JTG
108-88-3	Toluene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/21/2022 06:25 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/21/2022 18:08	JTG
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/21/2022 06:25 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/21/2022 18:08	JTG
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/21/2022 06:25 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/21/2022 18:08	JTG
79-01-6	Trichloroethylene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/21/2022 06:25 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/21/2022 18:08	JTG
75-69-4	Trichlorofluoromethane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/21/2022 06:25 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/21/2022 18:08	JTG
75-01-4	Vinyl Chloride	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/21/2022 06:25 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/21/2022 18:08	JTG
1330-20-7	Xylenes, Total	ND		ug/L	0.600	1.50	1	EPA 8260C Certifications:	07/21/2022 06:25 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP	07/21/2022 18:08	JTG

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: SURR: 1,2-Dichloroethane-d4*	*128 %*	*69-130*

Sample Information

Client Sample ID: MW-8S

York Sample ID: 22G0719-10

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22G0719	#15209 13-16 Beach Channel	Water	July 14, 2022 11:50 am	07/15/2022

Volatile Organics, 8260 Low Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
2037-26-5	*Surrogate: SURR: Toluene-d8*	*92.9 %*			*81-117*						
460-00-4	*Surrogate: SURR: p-Bromofluorobenzene*	*97.6 %*			*79-122*						

Volatile Organics, Tentatively Identified Cmpds.

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
	Tentatively Identified Compounds	0.0		ug/L			1	EPA 8260C Certifications:	07/21/2022 06:25	07/21/2022 18:08	JTG

Iron by EPA 6010

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3015A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-89-6	**Iron**	**0.985**		mg/L	0.278	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/20/2022 11:40	07/20/2022 15:46	KT

Iron, Dissolved by EPA 6010

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3015A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-89-6	**Iron**	**0.576**		mg/L	0.278	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/19/2022 12:11	07/20/2022 13:18	KT

Nitrate as N

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 300

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
14797-55-8	**Nitrate as N**	**0.741**		mg/L	0.0500	1	EPA 300.0 Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	07/15/2022 20:44	07/16/2022 00:07	ZTS

Sulfate as SO4

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 300

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
14808-79-8	Sulfate	ND		mg/L	1.00	1	EPA 300.0 Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	07/15/2022 20:44	07/16/2022 00:07	ZTS

Sulfide

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

Sample Information

Client Sample ID: MW-8S **York Sample ID:** 22G0719-10

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22G0719	#15209 13-16 Beach Channel	Water	July 14, 2022 11:50 am	07/15/2022

Sulfide **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
18496-25-8	**Sulfide**	**1.2**		mg/L	1.0	1	SM 4500-S F	07/21/2022 08:40	07/21/2022 08:40	AD
							Certifications:	CTDOH,NJDEP,NELAC-NY10854,PADEP		

Analyzed by: Hampton-Clarke Veritech (SUB)

Methane, Ethane & Ethylene-RSK **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: Preparation for GC Analysis

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
74-84-0	Methane, Ethane & Ethylene	See Attached		See Attached			See Attached	07/14/2022 11:50		
							Certifications:			

Analyzed by: Phoenix Environmental Labs, Inc. *

SM5310B-11 **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: SM5310B-11

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
PHNX - TOC	Total Organic Carbon	ND		mg/L	1.0	1	SM5310B-11	07/20/2022 16:41	07/20/2022 00:00	CT007
							Certifications:			

Sample Information

Client Sample ID: MW-9I **York Sample ID:** 22G0719-11

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22G0719	#15209 13-16 Beach Channel	Water	July 14, 2022 2:45 pm	07/15/2022

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

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/L	0.200	0.500	1	EPA 8260C	07/19/2022 06:55	07/20/2022 02:21	KT
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
71-55-6	1,1,1-Trichloroethane	ND		ug/L	0.200	0.500	1	EPA 8260C	07/19/2022 06:55	07/20/2022 02:21	KT
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.200	0.500	1	EPA 8260C	07/19/2022 06:55	07/20/2022 02:21	KT
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		

Sample Information

Client Sample ID: MW-9I

York Sample ID: 22G0719-11

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22G0719	#15209 13-16 Beach Channel	Water	July 14, 2022 2:45 pm	07/15/2022

Volatile Organics, 8260 Low Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/19/2022 06:55	07/20/2022 02:21 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	KT
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/19/2022 06:55	07/20/2022 02:21 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	KT
75-34-3	1,1-Dichloroethane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/19/2022 06:55	07/20/2022 02:21 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	KT
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/19/2022 06:55	07/20/2022 02:21 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	KT
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/19/2022 06:55	07/20/2022 02:21 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	KT
96-18-4	1,2,3-Trichloropropane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/19/2022 06:55	07/20/2022 02:21 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	KT
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/19/2022 06:55	07/20/2022 02:21 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	KT
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/19/2022 06:55	07/20/2022 02:21 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	KT
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/19/2022 06:55	07/20/2022 02:21 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	KT
106-93-4	1,2-Dibromoethane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/19/2022 06:55	07/20/2022 02:21 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	KT
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/19/2022 06:55	07/20/2022 02:21 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	KT
107-06-2	1,2-Dichloroethane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/19/2022 06:55	07/20/2022 02:21 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	KT
78-87-5	1,2-Dichloropropane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/19/2022 06:55	07/20/2022 02:21 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	KT
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/19/2022 06:55	07/20/2022 02:21 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	KT
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/19/2022 06:55	07/20/2022 02:21 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	KT
142-28-9	1,3-Dichloropropane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/19/2022 06:55	07/20/2022 02:21 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	KT
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/19/2022 06:55	07/20/2022 02:21 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	KT
123-91-1	1,4-Dioxane	ND		ug/L	40.0	80.0	1	EPA 8260C Certifications:	07/19/2022 06:55	07/20/2022 02:21 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	KT
78-93-3	2-Butanone	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/19/2022 06:55	07/20/2022 02:21 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	KT
591-78-6	2-Hexanone	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/19/2022 06:55	07/20/2022 02:21 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	KT
108-10-1	4-Methyl-2-pentanone	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/19/2022 06:55	07/20/2022 02:21 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	KT
67-64-1	**Acetone**	**1.46**	J	ug/L	1.00	2.00	1	EPA 8260C Certifications:	07/19/2022 06:55	07/20/2022 02:21 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	KT
107-02-8	Acrolein	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/19/2022 06:55	07/20/2022 02:21 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	KT

Sample Information

Client Sample ID: MW-9I

York Sample ID: 22G0719-11

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22G0719	#15209 13-16 Beach Channel	Water	July 14, 2022 2:45 pm	07/15/2022

Volatile Organics, 8260 Low Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
107-13-1	Acrylonitrile	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/19/2022 06:55	07/20/2022 02:21 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	KT
71-43-2	Benzene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/19/2022 06:55	07/20/2022 02:21 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	KT
74-97-5	Bromochloromethane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/19/2022 06:55	07/20/2022 02:21 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	KT
75-27-4	**Bromodichloromethane**	**0.380**	J	ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/19/2022 06:55	07/20/2022 02:21 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	KT
75-25-2	Bromoform	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/19/2022 06:55	07/20/2022 02:21 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	KT
74-83-9	Bromomethane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/19/2022 06:55	07/20/2022 02:21 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	KT
75-15-0	**Carbon disulfide**	**0.200**	J	ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/19/2022 06:55	07/20/2022 02:21 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	KT
56-23-5	Carbon tetrachloride	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/19/2022 06:55	07/20/2022 02:21 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	KT
108-90-7	Chlorobenzene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/19/2022 06:55	07/20/2022 02:21 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	KT
75-00-3	Chloroethane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/19/2022 06:55	07/20/2022 02:21 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	KT
67-66-3	**Chloroform**	**8.61**		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/19/2022 06:55	07/20/2022 02:21 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	KT
74-87-3	Chloromethane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/19/2022 06:55	07/20/2022 02:21 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	KT
156-59-2	cis-1,2-Dichloroethylene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/19/2022 06:55	07/20/2022 02:21 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	KT
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/19/2022 06:55	07/20/2022 02:21 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	KT
110-82-7	Cyclohexane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/19/2022 06:55	07/20/2022 02:21 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	KT
124-48-1	Dibromochloromethane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/19/2022 06:55	07/20/2022 02:21 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	KT
74-95-3	Dibromomethane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/19/2022 06:55	07/20/2022 02:21 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	KT
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/19/2022 06:55	07/20/2022 02:21 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	KT
100-41-4	Ethyl Benzene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/19/2022 06:55	07/20/2022 02:21 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	KT
87-68-3	Hexachlorobutadiene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/19/2022 06:55	07/20/2022 02:21 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	KT
98-82-8	Isopropylbenzene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/19/2022 06:55	07/20/2022 02:21 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	KT
79-20-9	Methyl acetate	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/19/2022 06:55	07/20/2022 02:21 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	KT
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/19/2022 06:55	07/20/2022 02:21 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	KT

Sample Information

Client Sample ID: MW-9I

York Sample ID: 22G0719-11

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22G0719	#15209 13-16 Beach Channel	Water	July 14, 2022 2:45 pm	07/15/2022

Volatile Organics, 8260 Low Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
108-87-2	Methylcyclohexane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/19/2022 06:55	07/20/2022 02:21 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	KT
75-09-2	Methylene chloride	ND		ug/L	1.00	2.00	1	EPA 8260C Certifications:	07/19/2022 06:55	07/20/2022 02:21 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	KT
91-20-3	Naphthalene	ND		ug/L	1.00	2.00	1	EPA 8260C Certifications:	07/19/2022 06:55	07/20/2022 02:21 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	KT
104-51-8	n-Butylbenzene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/19/2022 06:55	07/20/2022 02:21 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	KT
103-65-1	n-Propylbenzene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/19/2022 06:55	07/20/2022 02:21 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	KT
95-47-6	o-Xylene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/19/2022 06:55	07/20/2022 02:21 CTDOH,NELAC-NY10854,NELAC-NY12058,PADEP	KT
179601-23-1	p- & m- Xylenes	ND		ug/L	0.500	1.00	1	EPA 8260C Certifications:	07/19/2022 06:55	07/20/2022 02:21 CTDOH,NELAC-NY10854,NELAC-NY12058,PADEP	KT
105-05-5	* p-Diethylbenzene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/19/2022 06:55	07/20/2022 02:21	KT
622-96-8	* p-Ethyltoluene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/19/2022 06:55	07/20/2022 02:21	KT
99-87-6	p-Isopropyltoluene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/19/2022 06:55	07/20/2022 02:21 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	KT
135-98-8	sec-Butylbenzene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/19/2022 06:55	07/20/2022 02:21 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	KT
100-42-5	Styrene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/19/2022 06:55	07/20/2022 02:21 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	KT
75-65-0	**tert-Butyl alcohol (TBA)**	**0.960**	J	ug/L	0.500	1.00	1	EPA 8260C Certifications:	07/19/2022 06:55	07/20/2022 02:21 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	KT
98-06-6	tert-Butylbenzene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/19/2022 06:55	07/20/2022 02:21 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	KT
127-18-4	**Tetrachloroethylene**	**0.730**		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/19/2022 06:55	07/20/2022 02:21 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	KT
108-88-3	Toluene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/19/2022 06:55	07/20/2022 02:21 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	KT
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/19/2022 06:55	07/20/2022 02:21 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	KT
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/19/2022 06:55	07/20/2022 02:21 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	KT
79-01-6	Trichloroethylene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/19/2022 06:55	07/20/2022 02:21 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	KT
75-69-4	Trichlorofluoromethane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/19/2022 06:55	07/20/2022 02:21 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	KT
75-01-4	Vinyl Chloride	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/19/2022 06:55	07/20/2022 02:21 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	KT
1330-20-7	Xylenes, Total	ND		ug/L	0.600	1.50	1	EPA 8260C Certifications:	07/19/2022 06:55	07/20/2022 02:21 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP	KT

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: SURR: 1,2-Dichloroethane-d4*	*95.6 %*	*69-130*

Sample Information

Client Sample ID: MW-9I

York Sample ID: 22G0719-11

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22G0719	#15209 13-16 Beach Channel	Water	July 14, 2022 2:45 pm	07/15/2022

Volatile Organics, 8260 Low Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
2037-26-5	*Surrogate: SURR: Toluene-d8*	*93.8 %*			*81-117*						
460-00-4	*Surrogate: SURR: p-Bromofluorobenzene*	*93.7 %*			*79-122*						

Volatile Organics, Tentatively Identified Cmpds.

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
	Tentatively Identified Compounds	0.0		ug/L			1	EPA 8260C Certifications:	07/19/2022 06:55	07/20/2022 02:21	KT

Iron by EPA 6010

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3015A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-89-6	**Iron**	**0.932**		mg/L	0.278	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/20/2022 11:40	07/20/2022 15:49	KT

Iron, Dissolved by EPA 6010

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3015A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-89-6	Iron	ND		mg/L	0.278	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/19/2022 12:11	07/20/2022 13:21	KT

Nitrate as N

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 300

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
14797-55-8	**Nitrate as N**	**1.47**		mg/L	0.0500	1	EPA 300.0 Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	07/15/2022 20:44	07/16/2022 00:36	ZTS

Sulfate as SO4

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 300

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
14808-79-8	**Sulfate**	**34.5**		mg/L	1.00	1	EPA 300.0 Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	07/15/2022 20:44	07/16/2022 00:36	ZTS

Sulfide

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

Sample Information

Client Sample ID: MW-9I **York Sample ID:** 22G0719-11

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22G0719	#15209 13-16 Beach Channel	Water	July 14, 2022 2:45 pm	07/15/2022

Sulfide **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
18496-25-8	Sulfide	ND		mg/L	1.0	1	SM 4500-S F	07/21/2022 08:40	07/21/2022 08:40	AD
							Certifications:	CTDOH,NJDEP,NELAC-NY10854,PADEP		

Analyzed by: Hampton-Clarke Veritech (SUB)

Methane, Ethane & Ethylene-RSK **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: Preparation for GC Analysis

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
74-84-0	Methane, Ethane & Ethylene	See Attached		See Attached			See Attached	07/14/2022 14:45		
							Certifications:			

Analyzed by: Phoenix Environmental Labs, Inc. *

SM5310B-11 **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: SM5310B-11

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
PHNX - TOC	**Total Organic Carbon**	**2.3**		mg/L	1.0	1	SM5310B-11	07/20/2022 16:55	07/20/2022 00:00	CT007
							Certifications:			

Sample Information

Client Sample ID: MW-9S **York Sample ID:** 22G0719-12

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22G0719	#15209 13-16 Beach Channel	Water	July 14, 2022 2:10 pm	07/15/2022

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

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/L	0.200	0.500	1	EPA 8260C	07/19/2022 06:55	07/20/2022 03:12	KT
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
71-55-6	1,1,1-Trichloroethane	ND		ug/L	0.200	0.500	1	EPA 8260C	07/19/2022 06:55	07/20/2022 03:12	KT
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.200	0.500	1	EPA 8260C	07/19/2022 06:55	07/20/2022 03:12	KT
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		

Sample Information

Client Sample ID: MW-9S

York Sample ID: 22G0719-12

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22G0719	#15209 13-16 Beach Channel	Water	July 14, 2022 2:10 pm	07/15/2022

Volatile Organics, 8260 Low Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/19/2022 06:55	07/20/2022 03:12 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	KT
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/19/2022 06:55	07/20/2022 03:12 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	KT
75-34-3	1,1-Dichloroethane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/19/2022 06:55	07/20/2022 03:12 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	KT
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/19/2022 06:55	07/20/2022 03:12 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	KT
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/19/2022 06:55	07/20/2022 03:12 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	KT
96-18-4	1,2,3-Trichloropropane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/19/2022 06:55	07/20/2022 03:12 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	KT
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/19/2022 06:55	07/20/2022 03:12 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	KT
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/19/2022 06:55	07/20/2022 03:12 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	KT
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/19/2022 06:55	07/20/2022 03:12 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	KT
106-93-4	1,2-Dibromoethane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/19/2022 06:55	07/20/2022 03:12 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	KT
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/19/2022 06:55	07/20/2022 03:12 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	KT
107-06-2	1,2-Dichloroethane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/19/2022 06:55	07/20/2022 03:12 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	KT
78-87-5	1,2-Dichloropropane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/19/2022 06:55	07/20/2022 03:12 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	KT
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/19/2022 06:55	07/20/2022 03:12 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	KT
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/19/2022 06:55	07/20/2022 03:12 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	KT
142-28-9	1,3-Dichloropropane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/19/2022 06:55	07/20/2022 03:12 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	KT
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/19/2022 06:55	07/20/2022 03:12 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	KT
123-91-1	1,4-Dioxane	ND		ug/L	40.0	80.0	1	EPA 8260C Certifications:	07/19/2022 06:55	07/20/2022 03:12 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	KT
78-93-3	2-Butanone	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/19/2022 06:55	07/20/2022 03:12 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	KT
591-78-6	2-Hexanone	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/19/2022 06:55	07/20/2022 03:12 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	KT
108-10-1	4-Methyl-2-pentanone	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/19/2022 06:55	07/20/2022 03:12 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	KT
67-64-1	Acetone	ND		ug/L	1.00	2.00	1	EPA 8260C Certifications:	07/19/2022 06:55	07/20/2022 03:12 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	KT
107-02-8	Acrolein	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/19/2022 06:55	07/20/2022 03:12 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	KT

Sample Information

Client Sample ID: **MW-9S** **York Sample ID:** **22G0719-12**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22G0719	#15209 13-16 Beach Channel	Water	July 14, 2022 2:10 pm	07/15/2022

Volatile Organics, 8260 Low Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
107-13-1	Acrylonitrile	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/19/2022 06:55	07/20/2022 03:12 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	KT
71-43-2	Benzene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/19/2022 06:55	07/20/2022 03:12 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	KT
74-97-5	Bromochloromethane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/19/2022 06:55	07/20/2022 03:12 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	KT
75-27-4	Bromodichloromethane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/19/2022 06:55	07/20/2022 03:12 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	KT
75-25-2	Bromoform	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/19/2022 06:55	07/20/2022 03:12 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	KT
74-83-9	Bromomethane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/19/2022 06:55	07/20/2022 03:12 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	KT
75-15-0	Carbon disulfide	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/19/2022 06:55	07/20/2022 03:12 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	KT
56-23-5	Carbon tetrachloride	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/19/2022 06:55	07/20/2022 03:12 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	KT
108-90-7	Chlorobenzene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/19/2022 06:55	07/20/2022 03:12 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	KT
75-00-3	Chloroethane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/19/2022 06:55	07/20/2022 03:12 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	KT
67-66-3	**Chloroform**	**0.250**	J	ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/19/2022 06:55	07/20/2022 03:12 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	KT
74-87-3	Chloromethane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/19/2022 06:55	07/20/2022 03:12 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	KT
156-59-2	cis-1,2-Dichloroethylene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/19/2022 06:55	07/20/2022 03:12 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	KT
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/19/2022 06:55	07/20/2022 03:12 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	KT
110-82-7	Cyclohexane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/19/2022 06:55	07/20/2022 03:12 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	KT
124-48-1	Dibromochloromethane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/19/2022 06:55	07/20/2022 03:12 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	KT
74-95-3	Dibromomethane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/19/2022 06:55	07/20/2022 03:12 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	KT
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/19/2022 06:55	07/20/2022 03:12 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	KT
100-41-4	Ethyl Benzene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/19/2022 06:55	07/20/2022 03:12 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	KT
87-68-3	Hexachlorobutadiene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/19/2022 06:55	07/20/2022 03:12 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	KT
98-82-8	Isopropylbenzene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/19/2022 06:55	07/20/2022 03:12 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	KT
79-20-9	Methyl acetate	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/19/2022 06:55	07/20/2022 03:12 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	KT
1634-04-4	**Methyl tert-butyl ether (MTBE)**	**0.550**		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/19/2022 06:55	07/20/2022 03:12 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	KT

Sample Information

Client Sample ID: MW-9S

York Sample ID: 22G0719-12

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22G0719	#15209 13-16 Beach Channel	Water	July 14, 2022 2:10 pm	07/15/2022

Volatile Organics, 8260 Low Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
108-87-2	Methylcyclohexane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/19/2022 06:55 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/20/2022 03:12	KT
75-09-2	Methylene chloride	ND		ug/L	1.00	2.00	1	EPA 8260C Certifications:	07/19/2022 06:55 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/20/2022 03:12	KT
91-20-3	Naphthalene	ND		ug/L	1.00	2.00	1	EPA 8260C Certifications:	07/19/2022 06:55 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/20/2022 03:12	KT
104-51-8	n-Butylbenzene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/19/2022 06:55 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/20/2022 03:12	KT
103-65-1	n-Propylbenzene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/19/2022 06:55 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/20/2022 03:12	KT
95-47-6	o-Xylene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/19/2022 06:55 CTDOH,NELAC-NY10854,NELAC-NY12058,PADEP	07/20/2022 03:12	KT
179601-23-1	p- & m- Xylenes	ND		ug/L	0.500	1.00	1	EPA 8260C Certifications:	07/19/2022 06:55 CTDOH,NELAC-NY10854,NELAC-NY12058,PADEP	07/20/2022 03:12	KT
105-05-5	* p-Diethylbenzene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/19/2022 06:55	07/20/2022 03:12	KT
622-96-8	* p-Ethyltoluene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/19/2022 06:55	07/20/2022 03:12	KT
99-87-6	p-Isopropyltoluene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/19/2022 06:55 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/20/2022 03:12	KT
135-98-8	sec-Butylbenzene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/19/2022 06:55 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/20/2022 03:12	KT
100-42-5	Styrene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/19/2022 06:55 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/20/2022 03:12	KT
75-65-0	tert-Butyl alcohol (TBA)	ND		ug/L	0.500	1.00	1	EPA 8260C Certifications:	07/19/2022 06:55 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/20/2022 03:12	KT
98-06-6	tert-Butylbenzene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/19/2022 06:55 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/20/2022 03:12	KT
127-18-4	**Tetrachloroethylene**	**1.06**		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/19/2022 06:55 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/20/2022 03:12	KT
108-88-3	Toluene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/19/2022 06:55 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/20/2022 03:12	KT
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/19/2022 06:55 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/20/2022 03:12	KT
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/19/2022 06:55 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/20/2022 03:12	KT
79-01-6	Trichloroethylene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/19/2022 06:55 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/20/2022 03:12	KT
75-69-4	Trichlorofluoromethane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/19/2022 06:55 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/20/2022 03:12	KT
75-01-4	Vinyl Chloride	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/19/2022 06:55 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/20/2022 03:12	KT
1330-20-7	Xylenes, Total	ND		ug/L	0.600	1.50	1	EPA 8260C Certifications:	07/19/2022 06:55 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP	07/20/2022 03:12	KT

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: SURR: 1,2-Dichloroethane-d4*	*102 %*	*69-130*

Sample Information

Client Sample ID: MW-9S

York Sample ID: 22G0719-12

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22G0719	#15209 13-16 Beach Channel	Water	July 14, 2022 2:10 pm	07/15/2022

Volatile Organics, 8260 Low Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
2037-26-5	*Surrogate: SURR: Toluene-d8*	*94.9 %*			*81-117*						
460-00-4	*Surrogate: SURR: p-Bromofluorobenzene*	*96.1 %*			*79-122*						

Volatile Organics, Tentatively Identified Cmpds.

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
	Tentatively Identified Compounds	0.0		ug/L			1	EPA 8260C Certifications:	07/19/2022 06:55	07/20/2022 03:12	KT

Iron by EPA 6010

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3015A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-89-6	**Iron**	**3.25**		mg/L	0.278	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/20/2022 11:40	07/20/2022 15:52	KT

Iron, Dissolved by EPA 6010

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3015A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-89-6	**Iron**	**2.52**		mg/L	0.278	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/19/2022 12:11	07/20/2022 13:24	KT

Nitrate as N

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 300

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
14797-55-8	**Nitrate as N**	**0.560**		mg/L	0.0500	1	EPA 300.0 Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	07/15/2022 20:44	07/16/2022 00:45	ZTS

Sulfate as SO4

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 300

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
14808-79-8	Sulfate	ND		mg/L	1.00	1	EPA 300.0 Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	07/15/2022 20:44	07/16/2022 00:45	ZTS

Sulfide

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

Sample Information

Client Sample ID: MW-9S **York Sample ID:** 22G0719-12

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22G0719	#15209 13-16 Beach Channel	Water	July 14, 2022 2:10 pm	07/15/2022

Sulfide **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
18496-25-8	**Sulfide**	**1.2**		mg/L	1.0	1	SM 4500-S F	07/21/2022 08:40	07/21/2022 08:40	AD
							Certifications:	CTDOH,NJDEP,NELAC-NY10854,PADEP		

Analyzed by: Hampton-Clarke Veritech (SUB)

Methane, Ethane & Ethylene-RSK **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: Preparation for GC Analysis

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
74-84-0	Methane, Ethane & Ethylene	See Attached		See Attached			See Attached	07/14/2022 14:10		
							Certifications:			

Analyzed by: Phoenix Environmental Labs, Inc. *

SM5310B-11 **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: SM5310B-11

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
PHNX - TOC	**Total Organic Carbon**	**1.3**		mg/L	1.0	1	SM5310B-11	07/20/2022 17:09	07/20/2022 00:00	CT007
							Certifications:			

Sample Information

Client Sample ID: MW-10 **York Sample ID:** 22G0719-13

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22G0719	#15209 13-16 Beach Channel	Water	July 14, 2022 10:00 am	07/15/2022

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

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/L	0.200	0.500	1	EPA 8260C	07/19/2022 06:55	07/20/2022 04:02	KT
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
71-55-6	1,1,1-Trichloroethane	ND		ug/L	0.200	0.500	1	EPA 8260C	07/19/2022 06:55	07/20/2022 04:02	KT
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.200	0.500	1	EPA 8260C	07/19/2022 06:55	07/20/2022 04:02	KT
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		

Sample Information

Client Sample ID: **MW-10** **York Sample ID:** **22G0719-13**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22G0719	#15209 13-16 Beach Channel	Water	July 14, 2022 10:00 am	07/15/2022

Volatile Organics, 8260 Low Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/19/2022 06:55	07/20/2022 04:02 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	KT
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/19/2022 06:55	07/20/2022 04:02 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	KT
75-34-3	1,1-Dichloroethane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/19/2022 06:55	07/20/2022 04:02 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	KT
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/19/2022 06:55	07/20/2022 04:02 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	KT
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/19/2022 06:55	07/20/2022 04:02 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	KT
96-18-4	1,2,3-Trichloropropane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/19/2022 06:55	07/20/2022 04:02 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	KT
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/19/2022 06:55	07/20/2022 04:02 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	KT
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/19/2022 06:55	07/20/2022 04:02 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	KT
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/19/2022 06:55	07/20/2022 04:02 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	KT
106-93-4	1,2-Dibromoethane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/19/2022 06:55	07/20/2022 04:02 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	KT
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/19/2022 06:55	07/20/2022 04:02 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	KT
107-06-2	1,2-Dichloroethane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/19/2022 06:55	07/20/2022 04:02 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	KT
78-87-5	1,2-Dichloropropane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/19/2022 06:55	07/20/2022 04:02 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	KT
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/19/2022 06:55	07/20/2022 04:02 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	KT
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/19/2022 06:55	07/20/2022 04:02 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	KT
142-28-9	1,3-Dichloropropane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/19/2022 06:55	07/20/2022 04:02 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	KT
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/19/2022 06:55	07/20/2022 04:02 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	KT
123-91-1	1,4-Dioxane	ND		ug/L	40.0	80.0	1	EPA 8260C Certifications:	07/19/2022 06:55	07/20/2022 04:02 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	KT
78-93-3	2-Butanone	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/19/2022 06:55	07/20/2022 04:02 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	KT
591-78-6	2-Hexanone	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/19/2022 06:55	07/20/2022 04:02 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	KT
108-10-1	4-Methyl-2-pentanone	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/19/2022 06:55	07/20/2022 04:02 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	KT
67-64-1	**Acetone**	**1.19**	J	ug/L	1.00	2.00	1	EPA 8260C Certifications:	07/19/2022 06:55	07/20/2022 04:02 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	KT
107-02-8	Acrolein	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/19/2022 06:55	07/20/2022 04:02 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	KT

Sample Information

Client Sample ID: **MW-10**

York Sample ID: **22G0719-13**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22G0719	#15209 13-16 Beach Channel	Water	July 14, 2022 10:00 am	07/15/2022

Volatile Organics, 8260 Low Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
107-13-1	Acrylonitrile	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/19/2022 06:55	07/20/2022 04:02 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	KT
71-43-2	Benzene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/19/2022 06:55	07/20/2022 04:02 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	KT
74-97-5	Bromochloromethane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/19/2022 06:55	07/20/2022 04:02 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	KT
75-27-4	**Bromodichloromethane**	**0.270**	J	ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/19/2022 06:55	07/20/2022 04:02 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	KT
75-25-2	Bromoform	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/19/2022 06:55	07/20/2022 04:02 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	KT
74-83-9	Bromomethane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/19/2022 06:55	07/20/2022 04:02 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	KT
75-15-0	Carbon disulfide	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/19/2022 06:55	07/20/2022 04:02 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	KT
56-23-5	Carbon tetrachloride	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/19/2022 06:55	07/20/2022 04:02 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	KT
108-90-7	Chlorobenzene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/19/2022 06:55	07/20/2022 04:02 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	KT
75-00-3	Chloroethane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/19/2022 06:55	07/20/2022 04:02 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	KT
67-66-3	**Chloroform**	**4.35**		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/19/2022 06:55	07/20/2022 04:02 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	KT
74-87-3	Chloromethane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/19/2022 06:55	07/20/2022 04:02 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	KT
156-59-2	cis-1,2-Dichloroethylene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/19/2022 06:55	07/20/2022 04:02 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	KT
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/19/2022 06:55	07/20/2022 04:02 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	KT
110-82-7	Cyclohexane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/19/2022 06:55	07/20/2022 04:02 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	KT
124-48-1	Dibromochloromethane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/19/2022 06:55	07/20/2022 04:02 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	KT
74-95-3	Dibromomethane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/19/2022 06:55	07/20/2022 04:02 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	KT
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/19/2022 06:55	07/20/2022 04:02 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	KT
100-41-4	Ethyl Benzene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/19/2022 06:55	07/20/2022 04:02 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	KT
87-68-3	Hexachlorobutadiene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/19/2022 06:55	07/20/2022 04:02 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	KT
98-82-8	Isopropylbenzene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/19/2022 06:55	07/20/2022 04:02 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	KT
79-20-9	Methyl acetate	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/19/2022 06:55	07/20/2022 04:02 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	KT
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/19/2022 06:55	07/20/2022 04:02 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	KT

Sample Information

Client Sample ID: MW-10 **York Sample ID:** 22G0719-13

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22G0719	#15209 13-16 Beach Channel	Water	July 14, 2022 10:00 am	07/15/2022

Volatile Organics, 8260 Low Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
108-87-2	Methylcyclohexane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/19/2022 06:55 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/20/2022 04:02	KT
75-09-2	Methylene chloride	ND		ug/L	1.00	2.00	1	EPA 8260C Certifications:	07/19/2022 06:55 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/20/2022 04:02	KT
91-20-3	Naphthalene	ND		ug/L	1.00	2.00	1	EPA 8260C Certifications:	07/19/2022 06:55 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/20/2022 04:02	KT
104-51-8	n-Butylbenzene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/19/2022 06:55 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/20/2022 04:02	KT
103-65-1	n-Propylbenzene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/19/2022 06:55 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/20/2022 04:02	KT
95-47-6	o-Xylene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/19/2022 06:55 CTDOH,NELAC-NY10854,NELAC-NY12058,PADEP	07/20/2022 04:02	KT
179601-23-1	p- & m- Xylenes	ND		ug/L	0.500	1.00	1	EPA 8260C Certifications:	07/19/2022 06:55 CTDOH,NELAC-NY10854,NELAC-NY12058,PADEP	07/20/2022 04:02	KT
105-05-5	* p-Diethylbenzene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/19/2022 06:55	07/20/2022 04:02	KT
622-96-8	* p-Ethyltoluene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/19/2022 06:55	07/20/2022 04:02	KT
99-87-6	p-Isopropyltoluene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/19/2022 06:55 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/20/2022 04:02	KT
135-98-8	sec-Butylbenzene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/19/2022 06:55 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/20/2022 04:02	KT
100-42-5	Styrene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/19/2022 06:55 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/20/2022 04:02	KT
75-65-0	tert-Butyl alcohol (TBA)	ND		ug/L	0.500	1.00	1	EPA 8260C Certifications:	07/19/2022 06:55 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/20/2022 04:02	KT
98-06-6	tert-Butylbenzene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/19/2022 06:55 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/20/2022 04:02	KT
127-18-4	**Tetrachloroethylene**	**1.45**		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/19/2022 06:55 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/20/2022 04:02	KT
108-88-3	Toluene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/19/2022 06:55 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/20/2022 04:02	KT
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/19/2022 06:55 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/20/2022 04:02	KT
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/19/2022 06:55 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/20/2022 04:02	KT
79-01-6	Trichloroethylene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/19/2022 06:55 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/20/2022 04:02	KT
75-69-4	Trichlorofluoromethane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/19/2022 06:55 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/20/2022 04:02	KT
75-01-4	Vinyl Chloride	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/19/2022 06:55 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/20/2022 04:02	KT
1330-20-7	Xylenes, Total	ND		ug/L	0.600	1.50	1	EPA 8260C Certifications:	07/19/2022 06:55 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP	07/20/2022 04:02	KT

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: SURR: 1,2-Dichloroethane-d4*	*112 %*	*69-130*

Sample Information

Client Sample ID: MW-10 **York Sample ID:** 22G0719-13

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22G0719	#15209 13-16 Beach Channel	Water	July 14, 2022 10:00 am	07/15/2022

Volatile Organics, 8260 Low Comprehensive

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

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
2037-26-5	*Surrogate: SURR: Toluene-d8*	*93.6 %*			*81-117*						
460-00-4	*Surrogate: SURR: p-Bromofluorobenzene*	*100 %*			*79-122*						

Volatile Organics, Tentatively Identified Cmpds.

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
	Tentatively Identified Compounds	0.0		ug/L			1	EPA 8260C Certifications:	07/19/2022 06:55	07/20/2022 04:02	KT

Iron by EPA 6010

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

Sample Prepared by Method: EPA 3015A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-89-6	**Iron**	**2.49**		mg/L	0.278	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/20/2022 11:40	07/20/2022 15:56	KT

Iron, Dissolved by EPA 6010

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

Sample Prepared by Method: EPA 3015A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-89-6	Iron	ND		mg/L	0.278	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/19/2022 12:11	07/20/2022 13:27	KT

Nitrate as N

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

Sample Prepared by Method: EPA 300

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
14797-55-8	**Nitrate as N**	**3.73**		mg/L	0.0500	1	EPA 300.0 Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	07/15/2022 20:44	07/16/2022 00:54	ZTS

Sulfate as SO4

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

Sample Prepared by Method: EPA 300

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
14808-79-8	**Sulfate**	**54.2**		mg/L	5.00	5	EPA 300.0 Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	07/19/2022 15:20	07/19/2022 23:57	ZTS

Sulfide

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

Sample Information

Client Sample ID: MW-10 **York Sample ID:** 22G0719-13

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22G0719	#15209 13-16 Beach Channel	Water	July 14, 2022 10:00 am	07/15/2022

Sulfide **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
18496-25-8	**Sulfide**	**1.2**		mg/L	1.0	1	SM 4500-S F	07/21/2022 08:40	07/21/2022 08:40	AD
							Certifications:	CTDOH,NJDEP,NELAC-NY10854,PADEP		

Analyzed by: Hampton-Clarke Veritech (SUB)

Methane, Ethane & Ethylene-RSK **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: Preparation for GC Analysis

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
74-84-0	Methane, Ethane & Ethylene	See Attached		See Attached			See Attached	07/14/2022 10:00		
							Certifications:			

Analyzed by: Phoenix Environmental Labs, Inc. *

SM5310B-11 **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: SM5310B-11

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
PHNX - TOC	**Total Organic Carbon**	**17.1**		mg/L	1.0	1	SM5310B-11	07/20/2022 17:22	07/20/2022 00:00	CT007
							Certifications:			

Sample Information

Client Sample ID: DUP **York Sample ID:** 22G0719-14

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22G0719	#15209 13-16 Beach Channel	Water	July 13, 2022 9:45 am	07/15/2022

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

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/L	0.200	0.500	1	EPA 8260C	07/19/2022 06:55	07/20/2022 05:43	KT
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
71-55-6	1,1,1-Trichloroethane	ND		ug/L	0.200	0.500	1	EPA 8260C	07/19/2022 06:55	07/20/2022 05:43	KT
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.200	0.500	1	EPA 8260C	07/19/2022 06:55	07/20/2022 05:43	KT
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		

Sample Information

Client Sample ID: DUP

York Sample ID: 22G0719-14

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22G0719	#15209 13-16 Beach Channel	Water	July 13, 2022 9:45 am	07/15/2022

Volatile Organics, 8260 Low Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/19/2022 06:55	07/20/2022 05:43 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	KT
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/19/2022 06:55	07/20/2022 05:43 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	KT
75-34-3	1,1-Dichloroethane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/19/2022 06:55	07/20/2022 05:43 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	KT
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/19/2022 06:55	07/20/2022 05:43 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	KT
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/19/2022 06:55	07/20/2022 05:43 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	KT
96-18-4	1,2,3-Trichloropropane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/19/2022 06:55	07/20/2022 05:43 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	KT
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/19/2022 06:55	07/20/2022 05:43 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	KT
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/19/2022 06:55	07/20/2022 05:43 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	KT
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/19/2022 06:55	07/20/2022 05:43 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	KT
106-93-4	1,2-Dibromoethane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/19/2022 06:55	07/20/2022 05:43 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	KT
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/19/2022 06:55	07/20/2022 05:43 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	KT
107-06-2	1,2-Dichloroethane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/19/2022 06:55	07/20/2022 05:43 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	KT
78-87-5	1,2-Dichloropropane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/19/2022 06:55	07/20/2022 05:43 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	KT
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/19/2022 06:55	07/20/2022 05:43 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	KT
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/19/2022 06:55	07/20/2022 05:43 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	KT
142-28-9	1,3-Dichloropropane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/19/2022 06:55	07/20/2022 05:43 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	KT
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/19/2022 06:55	07/20/2022 05:43 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	KT
123-91-1	1,4-Dioxane	ND		ug/L	40.0	80.0	1	EPA 8260C Certifications:	07/19/2022 06:55	07/20/2022 05:43 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	KT
78-93-3	2-Butanone	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/19/2022 06:55	07/20/2022 05:43 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	KT
591-78-6	2-Hexanone	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/19/2022 06:55	07/20/2022 05:43 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	KT
108-10-1	4-Methyl-2-pentanone	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/19/2022 06:55	07/20/2022 05:43 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	KT
67-64-1	**Acetone**	**2.22**		ug/L	1.00	2.00	1	EPA 8260C Certifications:	07/19/2022 06:55	07/20/2022 05:43 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	KT
107-02-8	Acrolein	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/19/2022 06:55	07/20/2022 05:43 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	KT

Sample Information

Client Sample ID: DUP

York Sample ID: 22G0719-14

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22G0719	#15209 13-16 Beach Channel	Water	July 13, 2022 9:45 am	07/15/2022

Volatile Organics, 8260 Low Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
107-13-1	Acrylonitrile	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/19/2022 06:55 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/20/2022 05:43	KT
71-43-2	Benzene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/19/2022 06:55 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/20/2022 05:43	KT
74-97-5	Bromochloromethane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/19/2022 06:55 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/20/2022 05:43	KT
75-27-4	**Bromodichloromethane**	**3.43**		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/19/2022 06:55 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/20/2022 05:43	KT
75-25-2	Bromoform	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/19/2022 06:55 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/20/2022 05:43	KT
74-83-9	Bromomethane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/19/2022 06:55 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/20/2022 05:43	KT
75-15-0	Carbon disulfide	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/19/2022 06:55 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/20/2022 05:43	KT
56-23-5	Carbon tetrachloride	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/19/2022 06:55 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/20/2022 05:43	KT
108-90-7	Chlorobenzene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/19/2022 06:55 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/20/2022 05:43	KT
75-00-3	Chloroethane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/19/2022 06:55 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/20/2022 05:43	KT
67-66-3	**Chloroform**	**61.4**		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/19/2022 06:55 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/20/2022 05:43	KT
74-87-3	Chloromethane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/19/2022 06:55 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/20/2022 05:43	KT
156-59-2	cis-1,2-Dichloroethylene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/19/2022 06:55 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/20/2022 05:43	KT
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/19/2022 06:55 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/20/2022 05:43	KT
110-82-7	Cyclohexane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/19/2022 06:55 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/20/2022 05:43	KT
124-48-1	Dibromochloromethane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/19/2022 06:55 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/20/2022 05:43	KT
74-95-3	Dibromomethane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/19/2022 06:55 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/20/2022 05:43	KT
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/19/2022 06:55 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/20/2022 05:43	KT
100-41-4	Ethyl Benzene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/19/2022 06:55 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/20/2022 05:43	KT
87-68-3	Hexachlorobutadiene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/19/2022 06:55 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/20/2022 05:43	KT
98-82-8	Isopropylbenzene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/19/2022 06:55 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/20/2022 05:43	KT
79-20-9	Methyl acetate	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/19/2022 06:55 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/20/2022 05:43	KT
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/19/2022 06:55 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/20/2022 05:43	KT

Sample Information

Client Sample ID: DUP

York Sample ID: 22G0719-14

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22G0719	#15209 13-16 Beach Channel	Water	July 13, 2022 9:45 am	07/15/2022

Volatile Organics, 8260 Low Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
108-87-2	Methylcyclohexane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/19/2022 06:55 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/20/2022 05:43	KT
75-09-2	Methylene chloride	ND		ug/L	1.00	2.00	1	EPA 8260C Certifications:	07/19/2022 06:55 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/20/2022 05:43	KT
91-20-3	Naphthalene	ND		ug/L	1.00	2.00	1	EPA 8260C Certifications:	07/19/2022 06:55 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/20/2022 05:43	KT
104-51-8	n-Butylbenzene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/19/2022 06:55 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/20/2022 05:43	KT
103-65-1	n-Propylbenzene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/19/2022 06:55 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/20/2022 05:43	KT
95-47-6	o-Xylene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/19/2022 06:55 CTDOH,NELAC-NY10854,NELAC-NY12058,PADEP	07/20/2022 05:43	KT
179601-23-1	p- & m- Xylenes	ND		ug/L	0.500	1.00	1	EPA 8260C Certifications:	07/19/2022 06:55 CTDOH,NELAC-NY10854,NELAC-NY12058,PADEP	07/20/2022 05:43	KT
105-05-5	* p-Diethylbenzene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/19/2022 06:55	07/20/2022 05:43	KT
622-96-8	* p-Ethyltoluene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/19/2022 06:55	07/20/2022 05:43	KT
99-87-6	p-Isopropyltoluene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/19/2022 06:55 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/20/2022 05:43	KT
135-98-8	sec-Butylbenzene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/19/2022 06:55 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/20/2022 05:43	KT
100-42-5	Styrene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/19/2022 06:55 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/20/2022 05:43	KT
75-65-0	tert-Butyl alcohol (TBA)	ND		ug/L	0.500	1.00	1	EPA 8260C Certifications:	07/19/2022 06:55 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/20/2022 05:43	KT
98-06-6	tert-Butylbenzene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/19/2022 06:55 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/20/2022 05:43	KT
127-18-4	**Tetrachloroethylene**	**5.72**		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/19/2022 06:55 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/20/2022 05:43	KT
108-88-3	Toluene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/19/2022 06:55 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/20/2022 05:43	KT
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/19/2022 06:55 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/20/2022 05:43	KT
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/19/2022 06:55 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/20/2022 05:43	KT
79-01-6	Trichloroethylene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/19/2022 06:55 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/20/2022 05:43	KT
75-69-4	**Trichlorofluoromethane**	**3.03**	CCV-E, QL-02	ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/19/2022 06:55 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/20/2022 05:43	KT
75-01-4	Vinyl Chloride	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/19/2022 06:55 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/20/2022 05:43	KT
1330-20-7	Xylenes, Total	ND		ug/L	0.600	1.50	1	EPA 8260C Certifications:	07/19/2022 06:55 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP	07/20/2022 05:43	KT

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: SURR: 1,2-Dichloroethane-d4*	*119 %*	*69-130*

Sample Information

Client Sample ID: DUP **York Sample ID:** 22G0719-14

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22G0719	#15209 13-16 Beach Channel	Water	July 13, 2022 9:45 am	07/15/2022

Volatile Organics, 8260 Low Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
2037-26-5	*Surrogate: SURR: Toluene-d8*	*95.4 %*			*81-117*						
460-00-4	*Surrogate: SURR: p-Bromofluorobenzene*	*96.3 %*			*79-122*						

Volatile Organics, Tentatively Identified Cmpds.

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
NA	**DICHLOROFLUOROETHANE isomer...**	**19**	J	ug/L			1	EPA 8260C Certifications:	07/19/2022 06:55	07/20/2022 05:43	KT
	Tentatively Identified Compounds	0.0		ug/L			1	EPA 8260C Certifications:	07/19/2022 06:55	07/20/2022 05:43	KT

Sample Information

Client Sample ID: Trip **York Sample ID:** 22G0719-15

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22G0719	#15209 13-16 Beach Channel	Water	July 13, 2022 12:00 am	07/15/2022

Volatile Organics, 8260 Low Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/19/2022 06:55	07/19/2022 23:50	KT
71-55-6	1,1,1-Trichloroethane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/19/2022 06:55	07/19/2022 23:50	KT
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/19/2022 06:55	07/19/2022 23:50	KT
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/19/2022 06:55	07/19/2022 23:50	KT
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/19/2022 06:55	07/19/2022 23:50	KT
75-34-3	1,1-Dichloroethane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/19/2022 06:55	07/19/2022 23:50	KT
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/19/2022 06:55	07/19/2022 23:50	KT
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/19/2022 06:55	07/19/2022 23:50	KT
96-18-4	1,2,3-Trichloropropane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/19/2022 06:55	07/19/2022 23:50	KT
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/19/2022 06:55	07/19/2022 23:50	KT

Sample Information

Client Sample ID: Trip

York Sample ID: 22G0719-15

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22G0719	#15209 13-16 Beach Channel	Water	July 13, 2022 12:00 am	07/15/2022

Volatile Organics, 8260 Low Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/19/2022 06:55	07/19/2022 23:50	KT CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/19/2022 06:55	07/19/2022 23:50	KT CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
106-93-4	1,2-Dibromoethane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/19/2022 06:55	07/19/2022 23:50	KT CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/19/2022 06:55	07/19/2022 23:50	KT CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
107-06-2	1,2-Dichloroethane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/19/2022 06:55	07/19/2022 23:50	KT CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
78-87-5	1,2-Dichloropropane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/19/2022 06:55	07/19/2022 23:50	KT CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/19/2022 06:55	07/19/2022 23:50	KT CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/19/2022 06:55	07/19/2022 23:50	KT CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
142-28-9	1,3-Dichloropropane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/19/2022 06:55	07/19/2022 23:50	KT NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/19/2022 06:55	07/19/2022 23:50	KT CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
123-91-1	1,4-Dioxane	ND		ug/L	40.0	80.0	1	EPA 8260C Certifications:	07/19/2022 06:55	07/19/2022 23:50	KT NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
78-93-3	2-Butanone	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/19/2022 06:55	07/19/2022 23:50	KT CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
591-78-6	2-Hexanone	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/19/2022 06:55	07/19/2022 23:50	KT CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
108-10-1	4-Methyl-2-pentanone	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/19/2022 06:55	07/19/2022 23:50	KT CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
67-64-1	Acetone	ND		ug/L	1.00	2.00	1	EPA 8260C Certifications:	07/19/2022 06:55	07/19/2022 23:50	KT CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
107-02-8	Acrolein	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/19/2022 06:55	07/19/2022 23:50	KT CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
107-13-1	Acrylonitrile	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/19/2022 06:55	07/19/2022 23:50	KT CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
71-43-2	Benzene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/19/2022 06:55	07/19/2022 23:50	KT CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
74-97-5	Bromochloromethane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/19/2022 06:55	07/19/2022 23:50	KT NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
75-27-4	Bromodichloromethane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/19/2022 06:55	07/19/2022 23:50	KT CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
75-25-2	Bromoform	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/19/2022 06:55	07/19/2022 23:50	KT CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
74-83-9	Bromomethane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/19/2022 06:55	07/19/2022 23:50	KT CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
75-15-0	Carbon disulfide	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/19/2022 06:55	07/19/2022 23:50	KT CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP

Sample Information

Client Sample ID: Trip

York Sample ID: 22G0719-15

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22G0719	#15209 13-16 Beach Channel	Water	July 13, 2022 12:00 am	07/15/2022

Volatile Organics, 8260 Low Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
56-23-5	Carbon tetrachloride	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/19/2022 06:55	07/19/2022 23:50 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	KT
108-90-7	Chlorobenzene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/19/2022 06:55	07/19/2022 23:50 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	KT
75-00-3	Chloroethane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/19/2022 06:55	07/19/2022 23:50 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	KT
67-66-3	Chloroform	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/19/2022 06:55	07/19/2022 23:50 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	KT
74-87-3	Chloromethane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/19/2022 06:55	07/19/2022 23:50 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	KT
156-59-2	cis-1,2-Dichloroethylene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/19/2022 06:55	07/19/2022 23:50 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	KT
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/19/2022 06:55	07/19/2022 23:50 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	KT
110-82-7	Cyclohexane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/19/2022 06:55	07/19/2022 23:50 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	KT
124-48-1	Dibromochloromethane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/19/2022 06:55	07/19/2022 23:50 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	KT
74-95-3	Dibromomethane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/19/2022 06:55	07/19/2022 23:50 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	KT
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/19/2022 06:55	07/19/2022 23:50 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	KT
100-41-4	Ethyl Benzene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/19/2022 06:55	07/19/2022 23:50 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	KT
87-68-3	Hexachlorobutadiene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/19/2022 06:55	07/19/2022 23:50 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	KT
98-82-8	Isopropylbenzene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/19/2022 06:55	07/19/2022 23:50 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	KT
79-20-9	Methyl acetate	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/19/2022 06:55	07/19/2022 23:50 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	KT
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/19/2022 06:55	07/19/2022 23:50 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	KT
108-87-2	Methylcyclohexane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/19/2022 06:55	07/19/2022 23:50 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	KT
75-09-2	**Methylene chloride**	**1.03**	J	ug/L	1.00	2.00	1	EPA 8260C Certifications:	07/19/2022 06:55	07/19/2022 23:50 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	KT
91-20-3	Naphthalene	ND		ug/L	1.00	2.00	1	EPA 8260C Certifications:	07/19/2022 06:55	07/19/2022 23:50 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	KT
104-51-8	n-Butylbenzene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/19/2022 06:55	07/19/2022 23:50 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	KT
103-65-1	n-Propylbenzene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/19/2022 06:55	07/19/2022 23:50 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	KT
95-47-6	o-Xylene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/19/2022 06:55	07/19/2022 23:50 CTDOH,NELAC-NY10854,NELAC-NY12058,PADEP	KT
179601-23-1	p- & m- Xylenes	ND		ug/L	0.500	1.00	1	EPA 8260C Certifications:	07/19/2022 06:55	07/19/2022 23:50 CTDOH,NELAC-NY10854,NELAC-NY12058,PADEP	KT

Sample Information

Client Sample ID: Trip **York Sample ID:** 22G0719-15

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22G0719	#15209 13-16 Beach Channel	Water	July 13, 2022 12:00 am	07/15/2022

Volatile Organics, 8260 Low Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
105-05-5	* p-Diethylbenzene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/19/2022 06:55	07/19/2022 23:50	KT
622-96-8	* p-Ethyltoluene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/19/2022 06:55	07/19/2022 23:50	KT
99-87-6	p-Isopropyltoluene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/19/2022 06:55 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/19/2022 23:50	KT
135-98-8	sec-Butylbenzene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/19/2022 06:55 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/19/2022 23:50	KT
100-42-5	Styrene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/19/2022 06:55 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/19/2022 23:50	KT
75-65-0	tert-Butyl alcohol (TBA)	ND		ug/L	0.500	1.00	1	EPA 8260C Certifications:	07/19/2022 06:55 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/19/2022 23:50	KT
98-06-6	tert-Butylbenzene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/19/2022 06:55 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/19/2022 23:50	KT
127-18-4	Tetrachloroethylene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/19/2022 06:55 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/19/2022 23:50	KT
108-88-3	Toluene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/19/2022 06:55 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/19/2022 23:50	KT
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/19/2022 06:55 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/19/2022 23:50	KT
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/19/2022 06:55 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/19/2022 23:50	KT
79-01-6	Trichloroethylene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/19/2022 06:55 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/19/2022 23:50	KT
75-69-4	Trichlorofluoromethane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/19/2022 06:55 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/19/2022 23:50	KT
75-01-4	Vinyl Chloride	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/19/2022 06:55 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/19/2022 23:50	KT
1330-20-7	Xylenes, Total	ND		ug/L	0.600	1.50	1	EPA 8260C Certifications:	07/19/2022 06:55 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP	07/19/2022 23:50	KT

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: SURR: 1,2-Dichloroethane-d4*	*117 %*	*69-130*
2037-26-5	*Surrogate: SURR: Toluene-d8*	*94.0 %*	*81-117*
460-00-4	*Surrogate: SURR: p-Bromofluorobenzene*	*105 %*	*79-122*

Volatile Organics, Tentatively Identified Cmpds.

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
	Tentatively Identified Compounds	0.0		ug/L			1	EPA 8260C Certifications:	07/19/2022 06:55	07/19/2022 23:50	KT

Sample Information

Client Sample ID: Field Blank (FB) **York Sample ID:** 22G0719-16

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22G0719	#15209 13-16 Beach Channel	Water	July 13, 2022 9:45 am	07/15/2022

Volatile Organics, 8260 Low Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/19/2022 06:55 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/20/2022 00:15	KT
71-55-6	1,1,1-Trichloroethane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/19/2022 06:55 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/20/2022 00:15	KT
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/19/2022 06:55 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/20/2022 00:15	KT
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/19/2022 06:55 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/20/2022 00:15	KT
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/19/2022 06:55 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/20/2022 00:15	KT
75-34-3	1,1-Dichloroethane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/19/2022 06:55 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/20/2022 00:15	KT
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/19/2022 06:55 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/20/2022 00:15	KT
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/19/2022 06:55 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/20/2022 00:15	KT
96-18-4	1,2,3-Trichloropropane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/19/2022 06:55 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/20/2022 00:15	KT
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/19/2022 06:55 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/20/2022 00:15	KT
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/19/2022 06:55 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/20/2022 00:15	KT
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/19/2022 06:55 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/20/2022 00:15	KT
106-93-4	1,2-Dibromoethane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/19/2022 06:55 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/20/2022 00:15	KT
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/19/2022 06:55 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/20/2022 00:15	KT
107-06-2	1,2-Dichloroethane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/19/2022 06:55 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/20/2022 00:15	KT
78-87-5	1,2-Dichloropropane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/19/2022 06:55 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/20/2022 00:15	KT
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/19/2022 06:55 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/20/2022 00:15	KT
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/19/2022 06:55 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/20/2022 00:15	KT
142-28-9	1,3-Dichloropropane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/19/2022 06:55 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/20/2022 00:15	KT
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/19/2022 06:55 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/20/2022 00:15	KT
123-91-1	1,4-Dioxane	ND		ug/L	40.0	80.0	1	EPA 8260C Certifications:	07/19/2022 06:55 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/20/2022 00:15	KT
78-93-3	2-Butanone	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/19/2022 06:55 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/20/2022 00:15	KT
591-78-6	2-Hexanone	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/19/2022 06:55 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/20/2022 00:15	KT

Sample Information

Client Sample ID: **Field Blank (FB)** **York Sample ID:** **22G0719-16**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22G0719	#15209 13-16 Beach Channel	Water	July 13, 2022 9:45 am	07/15/2022

Volatile Organics, 8260 Low Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
108-10-1	4-Methyl-2-pentanone	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/19/2022 06:55	07/20/2022 00:15 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	KT
67-64-1	**Acetone**	**1.52**	J	ug/L	1.00	2.00	1	EPA 8260C Certifications:	07/19/2022 06:55	07/20/2022 00:15 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	KT
107-02-8	Acrolein	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/19/2022 06:55	07/20/2022 00:15 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	KT
107-13-1	Acrylonitrile	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/19/2022 06:55	07/20/2022 00:15 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	KT
71-43-2	Benzene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/19/2022 06:55	07/20/2022 00:15 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	KT
74-97-5	Bromochloromethane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/19/2022 06:55	07/20/2022 00:15 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	KT
75-27-4	Bromodichloromethane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/19/2022 06:55	07/20/2022 00:15 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	KT
75-25-2	Bromoform	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/19/2022 06:55	07/20/2022 00:15 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	KT
74-83-9	Bromomethane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/19/2022 06:55	07/20/2022 00:15 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	KT
75-15-0	Carbon disulfide	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/19/2022 06:55	07/20/2022 00:15 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	KT
56-23-5	Carbon tetrachloride	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/19/2022 06:55	07/20/2022 00:15 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	KT
108-90-7	Chlorobenzene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/19/2022 06:55	07/20/2022 00:15 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	KT
75-00-3	Chloroethane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/19/2022 06:55	07/20/2022 00:15 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	KT
67-66-3	Chloroform	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/19/2022 06:55	07/20/2022 00:15 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	KT
74-87-3	Chloromethane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/19/2022 06:55	07/20/2022 00:15 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	KT
156-59-2	cis-1,2-Dichloroethylene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/19/2022 06:55	07/20/2022 00:15 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	KT
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/19/2022 06:55	07/20/2022 00:15 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	KT
110-82-7	Cyclohexane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/19/2022 06:55	07/20/2022 00:15 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	KT
124-48-1	Dibromochloromethane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/19/2022 06:55	07/20/2022 00:15 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	KT
74-95-3	Dibromomethane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/19/2022 06:55	07/20/2022 00:15 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	KT
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/19/2022 06:55	07/20/2022 00:15 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	KT
100-41-4	Ethyl Benzene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/19/2022 06:55	07/20/2022 00:15 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	KT
87-68-3	Hexachlorobutadiene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/19/2022 06:55	07/20/2022 00:15 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	KT

Sample Information

Client Sample ID: **Field Blank (FB)** **York Sample ID:** **22G0719-16**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22G0719	#15209 13-16 Beach Channel	Water	July 13, 2022 9:45 am	07/15/2022

Volatile Organics, 8260 Low Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
98-82-8	Isopropylbenzene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/19/2022 06:55 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/20/2022 00:15	KT
79-20-9	Methyl acetate	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/19/2022 06:55 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/20/2022 00:15	KT
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/19/2022 06:55 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/20/2022 00:15	KT
108-87-2	Methylcyclohexane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/19/2022 06:55 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/20/2022 00:15	KT
75-09-2	**Methylene chloride**	**1.14**	J	ug/L	1.00	2.00	1	EPA 8260C Certifications:	07/19/2022 06:55 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/20/2022 00:15	KT
91-20-3	Naphthalene	ND		ug/L	1.00	2.00	1	EPA 8260C Certifications:	07/19/2022 06:55 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/20/2022 00:15	KT
104-51-8	n-Butylbenzene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/19/2022 06:55 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/20/2022 00:15	KT
103-65-1	n-Propylbenzene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/19/2022 06:55 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/20/2022 00:15	KT
95-47-6	o-Xylene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/19/2022 06:55 CTDOH,NELAC-NY10854,NELAC-NY12058,PADEP	07/20/2022 00:15	KT
179601-23-1	p- & m- Xylenes	ND		ug/L	0.500	1.00	1	EPA 8260C Certifications:	07/19/2022 06:55 CTDOH,NELAC-NY10854,NELAC-NY12058,PADEP	07/20/2022 00:15	KT
105-05-5	* p-Diethylbenzene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/19/2022 06:55	07/20/2022 00:15	KT
622-96-8	* p-Ethyltoluene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/19/2022 06:55	07/20/2022 00:15	KT
99-87-6	p-Isopropyltoluene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/19/2022 06:55 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/20/2022 00:15	KT
135-98-8	sec-Butylbenzene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/19/2022 06:55 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/20/2022 00:15	KT
100-42-5	Styrene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/19/2022 06:55 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/20/2022 00:15	KT
75-65-0	tert-Butyl alcohol (TBA)	ND		ug/L	0.500	1.00	1	EPA 8260C Certifications:	07/19/2022 06:55 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/20/2022 00:15	KT
98-06-6	tert-Butylbenzene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/19/2022 06:55 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/20/2022 00:15	KT
127-18-4	Tetrachloroethylene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/19/2022 06:55 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/20/2022 00:15	KT
108-88-3	**Toluene**	**0.210**	J	ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/19/2022 06:55 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/20/2022 00:15	KT
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/19/2022 06:55 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/20/2022 00:15	KT
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/19/2022 06:55 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/20/2022 00:15	KT
79-01-6	Trichloroethylene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/19/2022 06:55 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/20/2022 00:15	KT
75-69-4	Trichlorofluoromethane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/19/2022 06:55 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/20/2022 00:15	KT

Sample Information

Client Sample ID: Field Blank (FB) **York Sample ID:** 22G0719-16

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22G0719	#15209 13-16 Beach Channel	Water	July 13, 2022 9:45 am	07/15/2022

Volatile Organics, 8260 Low Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
75-01-4	Vinyl Chloride	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/19/2022 06:55	07/20/2022 00:15 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	KT
1330-20-7	Xylenes, Total	ND		ug/L	0.600	1.50	1	EPA 8260C Certifications:	07/19/2022 06:55	07/20/2022 00:15 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP	KT

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: SURR: 1,2-Dichloroethane-d4*	*118 %*	*69-130*
2037-26-5	*Surrogate: SURR: Toluene-d8*	*96.3 %*	*81-117*
460-00-4	*Surrogate: SURR: p-Bromofluorobenzene*	*106 %*	*79-122*

Volatile Organics, Tentatively Identified Cmpds.

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
	Tentatively Identified Compounds	0.0		ug/L			1	EPA 8260C Certifications:	07/19/2022 06:55	07/20/2022 00:15	KT

Sample Information

Client Sample ID: MW-11 **York Sample ID:** 22G0719-17

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22G0719	#15209 13-16 Beach Channel	Water	July 13, 2022 10:25 am	07/15/2022

Volatile Organics, 8260 Low Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/19/2022 06:55	07/20/2022 06:34 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	KT
71-55-6	1,1,1-Trichloroethane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/19/2022 06:55	07/20/2022 06:34 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	KT
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/19/2022 06:55	07/20/2022 06:34 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	KT
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/19/2022 06:55	07/20/2022 06:34 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	KT
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/19/2022 06:55	07/20/2022 06:34 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	KT
75-34-3	1,1-Dichloroethane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/19/2022 06:55	07/20/2022 06:34 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	KT
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/19/2022 06:55	07/20/2022 06:34 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	KT
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/19/2022 06:55	07/20/2022 06:34 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	KT

Sample Information

Client Sample ID: **MW-11** **York Sample ID:** **22G0719-17**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22G0719	#15209 13-16 Beach Channel	Water	July 13, 2022 10:25 am	07/15/2022

Volatile Organics, 8260 Low Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
96-18-4	1,2,3-Trichloropropane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/19/2022 06:55 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/20/2022 06:34	KT
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/19/2022 06:55 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/20/2022 06:34	KT
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/19/2022 06:55 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/20/2022 06:34	KT
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/19/2022 06:55 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/20/2022 06:34	KT
106-93-4	1,2-Dibromoethane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/19/2022 06:55 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/20/2022 06:34	KT
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/19/2022 06:55 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/20/2022 06:34	KT
107-06-2	1,2-Dichloroethane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/19/2022 06:55 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/20/2022 06:34	KT
78-87-5	1,2-Dichloropropane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/19/2022 06:55 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/20/2022 06:34	KT
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/19/2022 06:55 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/20/2022 06:34	KT
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/19/2022 06:55 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/20/2022 06:34	KT
142-28-9	1,3-Dichloropropane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/19/2022 06:55 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/20/2022 06:34	KT
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/19/2022 06:55 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/20/2022 06:34	KT
123-91-1	1,4-Dioxane	ND		ug/L	40.0	80.0	1	EPA 8260C Certifications:	07/19/2022 06:55 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/20/2022 06:34	KT
78-93-3	2-Butanone	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/19/2022 06:55 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/20/2022 06:34	KT
591-78-6	2-Hexanone	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/19/2022 06:55 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/20/2022 06:34	KT
108-10-1	4-Methyl-2-pentanone	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/19/2022 06:55 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/20/2022 06:34	KT
67-64-1	**Acetone**	**1.95**	J	ug/L	1.00	2.00	1	EPA 8260C Certifications:	07/19/2022 06:55 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/20/2022 06:34	KT
107-02-8	Acrolein	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/19/2022 06:55 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/20/2022 06:34	KT
107-13-1	Acrylonitrile	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/19/2022 06:55 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/20/2022 06:34	KT
71-43-2	Benzene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/19/2022 06:55 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/20/2022 06:34	KT
74-97-5	Bromochloromethane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/19/2022 06:55 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/20/2022 06:34	KT
75-27-4	**Bromodichloromethane**	**2.85**		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/19/2022 06:55 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/20/2022 06:34	KT
75-25-2	Bromoform	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/19/2022 06:55 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/20/2022 06:34	KT

Sample Information

Client Sample ID: MW-11 **York Sample ID:** 22G0719-17

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22G0719	#15209 13-16 Beach Channel	Water	July 13, 2022 10:25 am	07/15/2022

Volatile Organics, 8260 Low Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
74-83-9	Bromomethane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/19/2022 06:55	07/20/2022 06:34 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	KT
75-15-0	Carbon disulfide	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/19/2022 06:55	07/20/2022 06:34 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	KT
56-23-5	Carbon tetrachloride	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/19/2022 06:55	07/20/2022 06:34 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	KT
108-90-7	Chlorobenzene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/19/2022 06:55	07/20/2022 06:34 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	KT
75-00-3	Chloroethane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/19/2022 06:55	07/20/2022 06:34 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	KT
67-66-3	**Chloroform**	**67.6**		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/19/2022 06:55	07/20/2022 06:34 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	KT
74-87-3	Chloromethane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/19/2022 06:55	07/20/2022 06:34 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	KT
156-59-2	cis-1,2-Dichloroethylene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/19/2022 06:55	07/20/2022 06:34 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	KT
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/19/2022 06:55	07/20/2022 06:34 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	KT
110-82-7	Cyclohexane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/19/2022 06:55	07/20/2022 06:34 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	KT
124-48-1	Dibromochloromethane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/19/2022 06:55	07/20/2022 06:34 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	KT
74-95-3	Dibromomethane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/19/2022 06:55	07/20/2022 06:34 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	KT
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/19/2022 06:55	07/20/2022 06:34 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	KT
100-41-4	Ethyl Benzene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/19/2022 06:55	07/20/2022 06:34 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	KT
87-68-3	Hexachlorobutadiene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/19/2022 06:55	07/20/2022 06:34 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	KT
98-82-8	Isopropylbenzene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/19/2022 06:55	07/20/2022 06:34 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	KT
79-20-9	Methyl acetate	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/19/2022 06:55	07/20/2022 06:34 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	KT
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/19/2022 06:55	07/20/2022 06:34 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	KT
108-87-2	Methylcyclohexane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/19/2022 06:55	07/20/2022 06:34 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	KT
75-09-2	Methylene chloride	ND		ug/L	1.00	2.00	1	EPA 8260C Certifications:	07/19/2022 06:55	07/20/2022 06:34 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	KT
91-20-3	Naphthalene	ND		ug/L	1.00	2.00	1	EPA 8260C Certifications:	07/19/2022 06:55	07/20/2022 06:34 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	KT
104-51-8	n-Butylbenzene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/19/2022 06:55	07/20/2022 06:34 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	KT
103-65-1	n-Propylbenzene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/19/2022 06:55	07/20/2022 06:34 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	KT

Sample Information

Client Sample ID: MW-11 **York Sample ID:** 22G0719-17

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22G0719	#15209 13-16 Beach Channel	Water	July 13, 2022 10:25 am	07/15/2022

Volatile Organics, 8260 Low Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
95-47-6	o-Xylene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/19/2022 06:55 CTDOH,NELAC-NY10854,NELAC-NY12058,PADEP	07/20/2022 06:34	KT
179601-23-1	p- & m- Xylenes	ND		ug/L	0.500	1.00	1	EPA 8260C Certifications:	07/19/2022 06:55 CTDOH,NELAC-NY10854,NELAC-NY12058,PADEP	07/20/2022 06:34	KT
105-05-5	* p-Diethylbenzene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/19/2022 06:55	07/20/2022 06:34	KT
622-96-8	* p-Ethyltoluene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/19/2022 06:55	07/20/2022 06:34	KT
99-87-6	p-Isopropyltoluene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/19/2022 06:55 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/20/2022 06:34	KT
135-98-8	sec-Butylbenzene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/19/2022 06:55 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/20/2022 06:34	KT
100-42-5	Styrene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/19/2022 06:55 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/20/2022 06:34	KT
75-65-0	**tert-Butyl alcohol (TBA)**	**0.920**	J	ug/L	0.500	1.00	1	EPA 8260C Certifications:	07/19/2022 06:55 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/20/2022 06:34	KT
98-06-6	tert-Butylbenzene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/19/2022 06:55 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/20/2022 06:34	KT
127-18-4	**Tetrachloroethylene**	**6.89**		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/19/2022 06:55 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/20/2022 06:34	KT
108-88-3	Toluene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/19/2022 06:55 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/20/2022 06:34	KT
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/19/2022 06:55 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/20/2022 06:34	KT
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/19/2022 06:55 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/20/2022 06:34	KT
79-01-6	Trichloroethylene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/19/2022 06:55 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/20/2022 06:34	KT
75-69-4	**Trichlorofluoromethane**	**0.320**	CCV-E, QL-02, J	ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/19/2022 06:55 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/20/2022 06:34	KT
75-01-4	Vinyl Chloride	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/19/2022 06:55 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/20/2022 06:34	KT
1330-20-7	Xylenes, Total	ND		ug/L	0.600	1.50	1	EPA 8260C Certifications:	07/19/2022 06:55 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP	07/20/2022 06:34	KT

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: SURR: 1,2-Dichloroethane-d4*	*122 %*	*69-130*
2037-26-5	*Surrogate: SURR: Toluene-d8*	*93.9 %*	*81-117*
460-00-4	*Surrogate: SURR: p-Bromofluorobenzene*	*96.0 %*	*79-122*

Volatile Organics, Tentatively Identified Cmpds.

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: MW-11 **York Sample ID:** 22G0719-17

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22G0719	#15209 13-16 Beach Channel	Water	July 13, 2022 10:25 am	07/15/2022

Volatile Organics, Tentatively Identified Cmpds.

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
	Tentatively Identified Compounds	0.0		ug/L			1	EPA 8260C	07/19/2022 06:55	07/20/2022 06:34	KT
								Certifications:			

Analytical Batch Summary

Batch ID: 7/20/2022 **Preparation Method:** SM5310B-11 **Prepared By:**

YORK Sample ID	Client Sample ID	Preparation Date
22G0719-01	MW-1	07/20/22
22G0719-08	MW-7S	07/20/22
22G0719-09	MW-8I	07/20/22
22G0719-10	MW-8S	07/20/22
22G0719-11	MW-9I	07/20/22
22G0719-12	MW-9S	07/20/22
22G0719-13	MW-10	07/20/22

Batch ID: 7/22/2022 **Preparation Method:** SM5310B-11 **Prepared By:**

YORK Sample ID	Client Sample ID	Preparation Date
22G0719-07	MW-7I	07/22/22

Batch ID: BG20862 **Preparation Method:** EPA 300 **Prepared By:** ZTS

YORK Sample ID	Client Sample ID	Preparation Date
22G0719-01	MW-1	07/15/22
BG20862-BLK1	Blank	07/15/22
BG20862-BS1	LCS	07/15/22
BG20862-DUP1	Duplicate	07/15/22
BG20862-MS1	Matrix Spike	07/15/22
BG20862-MS2	Matrix Spike	07/15/22

Batch ID: BG20863 **Preparation Method:** EPA 300 **Prepared By:** ZTS

YORK Sample ID	Client Sample ID	Preparation Date
22G0719-07	MW-7I	07/15/22
22G0719-08	MW-7S	07/15/22
22G0719-09	MW-8I	07/15/22
22G0719-10	MW-8S	07/15/22
22G0719-11	MW-9I	07/15/22
22G0719-12	MW-9S	07/15/22
22G0719-13	MW-10	07/15/22
BG20863-BLK1	Blank	07/15/22
BG20863-BS1	LCS	07/15/22
BG20863-DUP1	Duplicate	07/15/22
BG20863-MS1	Matrix Spike	07/15/22

Batch ID: BG20981 **Preparation Method:** EPA 3015A **Prepared By:** MJN

YORK Sample ID	Client Sample ID	Preparation Date
22G0719-01	MW-1	07/19/22
22G0719-07	MW-7I	07/19/22

22G0719-08	MW-7S	07/19/22
22G0719-09	MW-8I	07/19/22
22G0719-10	MW-8S	07/19/22
22G0719-11	MW-9I	07/19/22
22G0719-12	MW-9S	07/19/22
22G0719-13	MW-10	07/19/22
BG20981-BLK1	Blank	07/19/22
BG20981-BS1	LCS	07/19/22
BG20981-DUP1	Duplicate	07/19/22
BG20981-MS1	Matrix Spike	07/19/22
BG20981-PS1	Post Spike	07/19/22

Batch ID: BG21068 **Preparation Method:** EPA 3015A **Prepared By:** MJN

YORK Sample ID	Client Sample ID	Preparation Date
22G0719-01	MW-1	07/20/22
22G0719-07	MW-7I	07/20/22
22G0719-08	MW-7S	07/20/22
22G0719-09	MW-8I	07/20/22
22G0719-10	MW-8S	07/20/22
22G0719-11	MW-9I	07/20/22
22G0719-12	MW-9S	07/20/22
22G0719-13	MW-10	07/20/22
BG21068-BLK1	Blank	07/20/22
BG21068-BS1	LCS	07/20/22
BG21068-DUP1	Duplicate	07/20/22
BG21068-MS1	Matrix Spike	07/20/22
BG21068-PS1	Post Spike	07/20/22

Batch ID: BG21092 **Preparation Method:** EPA 5030B **Prepared By:** JTG

YORK Sample ID	Client Sample ID	Preparation Date
22G0719-11	MW-9I	07/19/22
22G0719-12	MW-9S	07/19/22
22G0719-13	MW-10	07/19/22
22G0719-14	DUP	07/19/22
22G0719-15	Trip	07/19/22
22G0719-16	Field Blank (FB)	07/19/22
22G0719-17	MW-11	07/19/22
BG21092-BLK1	Blank	07/19/22
BG21092-BS1	LCS	07/19/22
BG21092-BSD1	LCS Dup	07/19/22

Batch ID: BG21094 **Preparation Method:** EPA 300 **Prepared By:** ZTS

YORK Sample ID	Client Sample ID	Preparation Date
22G0719-13	MW-10	07/19/22
BG21094-BLK1	Blank	07/19/22
BG21094-BS1	LCS	07/19/22
BG21094-DUP1	Duplicate	07/19/22

BG21094-MS1	Matrix Spike	07/19/22
BG21094-MS2	Matrix Spike	07/19/22

Batch ID: BG21133 **Preparation Method:** Analysis Preparation **Prepared By:** AD

YORK Sample ID	Client Sample ID	Preparation Date
22G0719-01	MW-1	07/21/22
22G0719-07	MW-7I	07/21/22
22G0719-08	MW-7S	07/21/22
22G0719-09	MW-8I	07/21/22
22G0719-10	MW-8S	07/21/22
22G0719-11	MW-9I	07/21/22
22G0719-12	MW-9S	07/21/22
22G0719-13	MW-10	07/21/22
BG21133-BLK1	Blank	07/21/22
BG21133-BS1	LCS	07/21/22
BG21133-DUP1	Duplicate	07/21/22

Batch ID: BG21186 **Preparation Method:** EPA 5030B **Prepared By:** JTG

YORK Sample ID	Client Sample ID	Preparation Date
22G0719-02	MW-2	07/21/22
22G0719-03	MW-3	07/21/22
22G0719-04	MW-4I	07/21/22
22G0719-05	MW-4S	07/21/22
22G0719-06	MW-5	07/21/22
22G0719-08	MW-7S	07/21/22
22G0719-09	MW-8I	07/21/22
22G0719-10	MW-8S	07/21/22
BG21186-BLK1	Blank	07/21/22
BG21186-BS1	LCS	07/21/22
BG21186-BSD1	LCS Dup	07/21/22
BG21186-MS1	Matrix Spike	07/21/22
BG21186-MSD1	Matrix Spike Dup	07/21/22

Batch ID: BG21257 **Preparation Method:** EPA 5030B **Prepared By:** JTG

YORK Sample ID	Client Sample ID	Preparation Date
22G0719-01	MW-1	07/22/22
22G0719-07	MW-7I	07/22/22
BG21257-BLK1	Blank	07/22/22
BG21257-BS1	LCS	07/22/22
BG21257-BSD1	LCS Dup	07/22/22

Batch ID: See Attached **Preparation Method:** Preparation for GC Analysis **Prepared By:**

YORK Sample ID	Client Sample ID	Preparation Date
22G0719-07	MW-7I	07/14/22
22G0719-08	MW-7S	07/14/22

22G0719-09	MW-8I	07/14/22
22G0719-10	MW-8S	07/14/22
22G0719-11	MW-9I	07/14/22
22G0719-12	MW-9S	07/14/22
22G0719-13	MW-10	07/14/22

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BG21092 - EPA 5030B											
Blank (BG21092-BLK1)											Prepared & Analyzed: 07/19/2022
1,1,1,2-Tetrachloroethane	ND	0.500	ug/L								
Tentatively Identified Compounds	0.0		"								
1,1,1-Trichloroethane	ND	0.500	"								
1,1,2,2-Tetrachloroethane	ND	0.500	"								
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	0.500	"								
1,1,2-Trichloroethane	ND	0.500	"								
1,1-Dichloroethane	ND	0.500	"								
1,1-Dichloroethylene	ND	0.500	"								
1,2,3-Trichlorobenzene	ND	0.500	"								
1,2,3-Trichloropropane	ND	0.500	"								
1,2,4-Trichlorobenzene	ND	0.500	"								
1,2,4-Trimethylbenzene	ND	0.500	"								
1,2-Dibromo-3-chloropropane	ND	0.500	"								
1,2-Dibromoethane	ND	0.500	"								
1,2-Dichlorobenzene	ND	0.500	"								
1,2-Dichloroethane	ND	0.500	"								
1,2-Dichloropropane	ND	0.500	"								
1,3,5-Trimethylbenzene	ND	0.500	"								
1,3-Dichlorobenzene	ND	0.500	"								
1,3-Dichloropropane	ND	0.500	"								
1,4-Dichlorobenzene	ND	0.500	"								
1,4-Dioxane	ND	80.0	"								
2-Butanone	ND	0.500	"								
2-Hexanone	ND	0.500	"								
4-Methyl-2-pentanone	ND	0.500	"								
Acetone	ND	2.00	"								
Acrolein	ND	0.500	"								
Acrylonitrile	ND	0.500	"								
Benzene	ND	0.500	"								
Bromochloromethane	ND	0.500	"								
Bromodichloromethane	ND	0.500	"								
Bromoform	ND	0.500	"								
Bromomethane	ND	0.500	"								
Carbon disulfide	ND	0.500	"								
Carbon tetrachloride	ND	0.500	"								
Chlorobenzene	ND	0.500	"								
Chloroethane	ND	0.500	"								
Chloroform	ND	0.500	"								
Chloromethane	ND	0.500	"								
cis-1,2-Dichloroethylene	ND	0.500	"								
cis-1,3-Dichloropropylene	ND	0.500	"								
Cyclohexane	ND	0.500	"								
Dibromochloromethane	ND	0.500	"								
Dibromomethane	ND	0.500	"								
Dichlorodifluoromethane	ND	0.500	"								
Ethyl Benzene	ND	0.500	"								
Hexachlorobutadiene	ND	0.500	"								
Isopropylbenzene	ND	0.500	"								
Methyl acetate	ND	0.500	"								

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BG21092 - EPA 5030B											
Blank (BG21092-BLK1)											Prepared & Analyzed: 07/19/2022
Methyl tert-butyl ether (MTBE)	ND	0.500	ug/L								
Methylcyclohexane	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-Butyl alcohol (TBA)	ND	1.00	"								
tert-Butylbenzene	ND	0.500	"								
Tetrachloroethylene	ND	0.500	"								
Toluene	ND	0.500	"								
trans-1,2-Dichloroethylene	ND	0.500	"								
trans-1,3-Dichloropropylene	ND	0.500	"								
Trichloroethylene	ND	0.500	"								
Trichlorofluoromethane	ND	0.500	"								
Vinyl Chloride	ND	0.500	"								
Xylenes, Total	ND	1.50	"								
Surrogate: SURR: 1,2-Dichloroethane-d4	*11.0*		*"*	*10.0*		*110*	*69-130*				
Surrogate: SURR: Toluene-d8	*9.59*		*"*	*10.0*		*95.9*	*81-117*				
Surrogate: SURR: p-Bromofluorobenzene	*10.5*		*"*	*10.0*		*105*	*79-122*				
LCS (BG21092-BS1)											Prepared & Analyzed: 07/19/2022
1,1,1,2-Tetrachloroethane	10.4		ug/L	10.0		104	82-126				
1,1,1-Trichloroethane	11.5		"	10.0		115	78-136				
1,1,2,2-Tetrachloroethane	8.37		"	10.0		83.7	76-129				
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	11.5		"	10.0		115	54-165				
1,1,2-Trichloroethane	9.58		"	10.0		95.8	82-123				
1,1-Dichloroethane	10.4		"	10.0		104	82-129				
1,1-Dichloroethylene	10.9		"	10.0		109	68-138				
1,2,3-Trichlorobenzene	9.48		"	10.0		94.8	76-136				
1,2,3-Trichloropropane	9.23		"	10.0		92.3	77-128				
1,2,4-Trichlorobenzene	9.02		"	10.0		90.2	76-137				
1,2,4-Trimethylbenzene	9.83		"	10.0		98.3	82-132				
1,2-Dibromo-3-chloropropane	8.94		"	10.0		89.4	45-147				
1,2-Dibromoethane	9.87		"	10.0		98.7	83-124				
1,2-Dichlorobenzene	9.40		"	10.0		94.0	79-123				
1,2-Dichloroethane	11.3		"	10.0		113	73-132				
1,2-Dichloropropane	9.38		"	10.0		93.8	78-126				
1,3,5-Trimethylbenzene	9.66		"	10.0		96.6	80-131				
1,3-Dichlorobenzene	9.46		"	10.0		94.6	86-122				
1,3-Dichloropropane	9.53		"	10.0		95.3	81-125				
1,4-Dichlorobenzene	9.43		"	10.0		94.3	85-124				
1,4-Dioxane	177		"	210		84.2	10-349				
2-Butanone	9.34		"	10.0		93.4	49-152				

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BG21092 - EPA 5030B											
LCS (BG21092-BS1)								Prepared & Analyzed: 07/19/2022			
2-Hexanone	8.06		ug/L	10.0		80.6	51-146				
4-Methyl-2-pentanone	8.00		"	10.0		80.0	57-145				
Acetone	10.6		"	10.0		106	14-150				
Acrolein	9.94		"	10.0		99.4	10-153				
Acrylonitrile	8.75		"	10.0		87.5	51-150				
Benzene	10.5		"	10.0		105	85-126				
Bromochloromethane	10.2		"	10.0		102	77-128				
Bromodichloromethane	9.67		"	10.0		96.7	79-128				
Bromoform	10.0		"	10.0		100	78-133				
Bromomethane	10.3		"	10.0		103	43-168				
Carbon disulfide	10.3		"	10.0		103	68-146				
Carbon tetrachloride	12.1		"	10.0		121	77-141				
Chlorobenzene	10.6		"	10.0		106	88-120				
Chloroethane	12.9		"	10.0		129	65-136				
Chloroform	11.2		"	10.0		112	82-128				
Chloromethane	10.0		"	10.0		100	43-155				
cis-1,2-Dichloroethylene	10.5		"	10.0		105	83-129				
cis-1,3-Dichloropropylene	8.03		"	10.0		80.3	80-131				
Cyclohexane	4.34		"	10.0		43.4	63-149	Low Bias			
Dibromochloromethane	9.69		"	10.0		96.9	80-130				
Dibromomethane	9.66		"	10.0		96.6	72-134				
Dichlorodifluoromethane	9.48		"	10.0		94.8	44-144				
Ethyl Benzene	10.8		"	10.0		108	80-131				
Hexachlorobutadiene	9.40		"	10.0		94.0	67-146				
Isopropylbenzene	10.2		"	10.0		102	76-140				
Methyl acetate	8.72		"	10.0		87.2	51-139				
Methyl tert-butyl ether (MTBE)	10.5		"	10.0		105	76-135				
Methylcyclohexane	8.79		"	10.0		87.9	72-143				
Methylene chloride	10.2		"	10.0		102	55-137				
Naphthalene	8.52		"	10.0		85.2	70-147				
n-Butylbenzene	9.79		"	10.0		97.9	79-132				
n-Propylbenzene	9.57		"	10.0		95.7	78-133				
o-Xylene	11.2		"	10.0		112	78-130				
p- & m- Xylenes	21.8		"	20.0		109	77-133				
p-Diethylbenzene	10.0		"	10.0		100	84-134				
p-Ethyltoluene	10.5		"	10.0		105	88-129				
p-Isopropyltoluene	10.5		"	10.0		105	81-136				
sec-Butylbenzene	10.2		"	10.0		102	79-137				
Styrene	10.4		"	10.0		104	67-132				
tert-Butyl alcohol (TBA)	37.6		"	50.0		75.2	25-162				
tert-Butylbenzene	8.70		"	10.0		87.0	77-138				
Tetrachloroethylene	10.5		"	10.0		105	82-131				
Toluene	9.50		"	10.0		95.0	80-127				
trans-1,2-Dichloroethylene	10.6		"	10.0		106	80-132				
trans-1,3-Dichloropropylene	9.32		"	10.0		93.2	78-131				
Trichloroethylene	9.78		"	10.0		97.8	82-128				
Trichlorofluoromethane	14.1		"	10.0		141	67-139	High Bias			
Vinyl Chloride	11.7		"	10.0		117	58-145				
Surrogate: SURR: 1,2-Dichloroethane-d4	*10.6*		*"*	*10.0*		*106*	*69-130*				
Surrogate: SURR: Toluene-d8	*9.47*		*"*	*10.0*		*94.7*	*81-117*				
Surrogate: SURR: p-Bromofluorobenzene	*9.14*		*"*	*10.0*		*91.4*	*79-122*				

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BG21092 - EPA 5030B											
LCS Dup (BG21092-BSD1)								Prepared & Analyzed: 07/19/2022			
1,1,1,2-Tetrachloroethane	9.99		ug/L	10.0		99.9	82-126		4.21	30	
1,1,1-Trichloroethane	11.2		"	10.0		112	78-136		3.35	30	
1,1,2,2-Tetrachloroethane	8.76		"	10.0		87.6	76-129		4.55	30	
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	11.2		"	10.0		112	54-165		2.46	30	
1,1,2-Trichloroethane	9.55		"	10.0		95.5	82-123		0.314	30	
1,1-Dichloroethane	10.3		"	10.0		103	82-129		0.772	30	
1,1-Dichloroethylene	10.6		"	10.0		106	68-138		2.33	30	
1,2,3-Trichlorobenzene	9.61		"	10.0		96.1	76-136		1.36	30	
1,2,3-Trichloropropane	9.33		"	10.0		93.3	77-128		1.08	30	
1,2,4-Trichlorobenzene	9.06		"	10.0		90.6	76-137		0.442	30	
1,2,4-Trimethylbenzene	9.75		"	10.0		97.5	82-132		0.817	30	
1,2-Dibromo-3-chloropropane	9.14		"	10.0		91.4	45-147		2.21	30	
1,2-Dibromoethane	9.90		"	10.0		99.0	83-124		0.303	30	
1,2-Dichlorobenzene	9.44		"	10.0		94.4	79-123		0.425	30	
1,2-Dichloroethane	11.0		"	10.0		110	73-132		2.43	30	
1,2-Dichloropropane	9.19		"	10.0		91.9	78-126		2.05	30	
1,3,5-Trimethylbenzene	9.50		"	10.0		95.0	80-131		1.67	30	
1,3-Dichlorobenzene	9.44		"	10.0		94.4	86-122		0.212	30	
1,3-Dichloropropane	9.50		"	10.0		95.0	81-125		0.315	30	
1,4-Dichlorobenzene	9.46		"	10.0		94.6	85-124		0.318	30	
1,4-Dioxane	260		"	210		124	10-349		38.0	30	Non-dir.
2-Butanone	10.1		"	10.0		101	49-152		7.52	30	
2-Hexanone	8.19		"	10.0		81.9	51-146		1.60	30	
4-Methyl-2-pentanone	8.44		"	10.0		84.4	57-145		5.35	30	
Acetone	11.3		"	10.0		113	14-150		6.03	30	
Acrolein	11.0		"	10.0		110	10-153		9.76	30	
Acrylonitrile	9.65		"	10.0		96.5	51-150		9.78	30	
Benzene	10.2		"	10.0		102	85-126		2.31	30	
Bromochloromethane	10.3		"	10.0		103	77-128		1.36	30	
Bromodichloromethane	9.42		"	10.0		94.2	79-128		2.62	30	
Bromoform	10.2		"	10.0		102	78-133		1.39	30	
Bromomethane	9.77		"	10.0		97.7	43-168		5.48	30	
Carbon disulfide	10.0		"	10.0		100	68-146		2.36	30	
Carbon tetrachloride	11.8		"	10.0		118	77-141		2.85	30	
Chlorobenzene	10.3		"	10.0		103	88-120		2.39	30	
Chloroethane	12.2		"	10.0		122	65-136		5.51	30	
Chloroform	10.9		"	10.0		109	82-128		2.17	30	
Chloromethane	9.76		"	10.0		97.6	43-155		2.83	30	
cis-1,2-Dichloroethylene	10.4		"	10.0		104	83-129		1.25	30	
cis-1,3-Dichloropropylene	7.83		"	10.0		78.3	80-131	Low Bias	2.52	30	
Cyclohexane	4.30		"	10.0		43.0	63-149	Low Bias	0.926	30	
Dibromochloromethane	9.62		"	10.0		96.2	80-130		0.725	30	
Dibromomethane	9.60		"	10.0		96.0	72-134		0.623	30	
Dichlorodifluoromethane	9.15		"	10.0		91.5	44-144		3.54	30	
Ethyl Benzene	10.3		"	10.0		103	80-131		4.44	30	
Hexachlorobutadiene	9.07		"	10.0		90.7	67-146		3.57	30	
Isopropylbenzene	10.1		"	10.0		101	76-140		0.791	30	
Methyl acetate	8.82		"	10.0		88.2	51-139		1.14	30	
Methyl tert-butyl ether (MTBE)	10.7		"	10.0		107	76-135		2.08	30	
Methylcyclohexane	8.44		"	10.0		84.4	72-143		4.06	30	

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BG21092 - EPA 5030B											
LCS Dup (BG21092-BSD1)								Prepared & Analyzed: 07/19/2022			
Methylene chloride	9.98		ug/L	10.0		99.8	55-137		2.67	30	
Naphthalene	8.91		"	10.0		89.1	70-147		4.48	30	
n-Butylbenzene	9.46		"	10.0		94.6	79-132		3.43	30	
n-Propylbenzene	9.47		"	10.0		94.7	78-133		1.05	30	
o-Xylene	11.0		"	10.0		110	78-130		1.89	30	
p- & m- Xylenes	21.1		"	20.0		105	77-133		3.64	30	
p-Diethylbenzene	9.77		"	10.0		97.7	84-134		2.43	30	
p-Ethyltoluene	10.4		"	10.0		104	88-129		1.24	30	
p-Isopropyltoluene	10.3		"	10.0		103	81-136		1.64	30	
sec-Butylbenzene	9.99		"	10.0		99.9	79-137		1.79	30	
Styrene	10.3		"	10.0		103	67-132		1.45	30	
tert-Butyl alcohol (TBA)	45.1		"	50.0		90.3	25-162		18.3	30	
tert-Butylbenzene	8.55		"	10.0		85.5	77-138		1.74	30	
Tetrachloroethylene	10.0		"	10.0		100	82-131		4.40	30	
Toluene	9.16		"	10.0		91.6	80-127		3.64	30	
trans-1,2-Dichloroethylene	10.5		"	10.0		105	80-132		1.42	30	
trans-1,3-Dichloropropylene	9.24		"	10.0		92.4	78-131		0.862	30	
Trichloroethylene	9.49		"	10.0		94.9	82-128		3.01	30	
Trichlorofluoromethane	13.2		"	10.0		132	67-139		6.01	30	
Vinyl Chloride	11.2		"	10.0		112	58-145		4.81	30	
Surrogate: SURR: 1,2-Dichloroethane-d4	*10.8*		*"*	*10.0*		*108*	*69-130*				
Surrogate: SURR: Toluene-d8	*9.39*		*"*	*10.0*		*93.9*	*81-117*				
Surrogate: SURR: p-Bromofluorobenzene	*9.24*		*"*	*10.0*		*92.4*	*79-122*				
Batch BG21186 - EPA 5030B											
Blank (BG21186-BLK1)								Prepared & Analyzed: 07/21/2022			
1,1,1,2-Tetrachloroethane	ND	0.500	ug/L								
Tentatively Identified Compounds	0.0		"								
1,1,1-Trichloroethane	ND	0.500	"								
1,1,2,2-Tetrachloroethane	ND	0.500	"								
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	0.500	"								
1,1,2-Trichloroethane	ND	0.500	"								
1,1-Dichloroethane	ND	0.500	"								
1,1-Dichloroethylene	ND	0.500	"								
1,2,3-Trichlorobenzene	ND	0.500	"								
1,2,3-Trichloropropane	ND	0.500	"								
1,2,4-Trichlorobenzene	ND	0.500	"								
1,2,4-Trimethylbenzene	ND	0.500	"								
1,2-Dibromo-3-chloropropane	ND	0.500	"								
1,2-Dibromoethane	ND	0.500	"								
1,2-Dichlorobenzene	ND	0.500	"								
1,2-Dichloroethane	ND	0.500	"								
1,2-Dichloropropane	ND	0.500	"								
1,3,5-Trimethylbenzene	ND	0.500	"								
1,3-Dichlorobenzene	ND	0.500	"								
1,3-Dichloropropane	ND	0.500	"								
1,4-Dichlorobenzene	ND	0.500	"								
1,4-Dioxane	ND	80.0	"								
2-Butanone	ND	0.500	"								
2-Hexanone	ND	0.500	"								

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BG21186 - EPA 5030B											
Blank (BG21186-BLK1)											
4-Methyl-2-pentanone	ND	0.500	ug/L								
Acetone	ND	2.00	"								
Acrolein	ND	0.500	"								
Acrylonitrile	ND	0.500	"								
Benzene	ND	0.500	"								
Bromochloromethane	ND	0.500	"								
Bromodichloromethane	ND	0.500	"								
Bromoform	ND	0.500	"								
Bromomethane	ND	0.500	"								
Carbon disulfide	ND	0.500	"								
Carbon tetrachloride	ND	0.500	"								
Chlorobenzene	ND	0.500	"								
Chloroethane	ND	0.500	"								
Chloroform	ND	0.500	"								
Chloromethane	ND	0.500	"								
cis-1,2-Dichloroethylene	ND	0.500	"								
cis-1,3-Dichloropropylene	ND	0.500	"								
Cyclohexane	ND	0.500	"								
Dibromochloromethane	ND	0.500	"								
Dibromomethane	ND	0.500	"								
Dichlorodifluoromethane	ND	0.500	"								
Ethyl Benzene	ND	0.500	"								
Hexachlorobutadiene	ND	0.500	"								
Isopropylbenzene	ND	0.500	"								
Methyl acetate	ND	0.500	"								
Methyl tert-butyl ether (MTBE)	ND	0.500	"								
Methylcyclohexane	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-Butyl alcohol (TBA)	ND	1.00	"								
tert-Butylbenzene	ND	0.500	"								
Tetrachloroethylene	ND	0.500	"								
Toluene	ND	0.500	"								
trans-1,2-Dichloroethylene	ND	0.500	"								
trans-1,3-Dichloropropylene	ND	0.500	"								
Trichloroethylene	ND	0.500	"								
Trichlorofluoromethane	ND	0.500	"								
Vinyl Chloride	ND	0.500	"								
Xylenes, Total	ND	1.50	"								
Surrogate: SURR: 1,2-Dichloroethane-d4	*11.4*		*"*	*10.0*		*114*	*69-130*				
Surrogate: SURR: Toluene-d8	*9.30*		*"*	*10.0*		*93.0*	*81-117*				
Surrogate: SURR: p-Bromofluorobenzene	*9.92*		*"*	*10.0*		*99.2*	*79-122*				

Prepared & Analyzed: 07/21/2022

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BG21186 - EPA 5030B											
LCS (BG21186-BS1)								Prepared & Analyzed: 07/21/2022			
1,1,1,2-Tetrachloroethane	10.0		ug/L	10.0		100	82-126				
1,1,1-Trichloroethane	11.2		"	10.0		112	78-136				
1,1,2,2-Tetrachloroethane	8.32		"	10.0		83.2	76-129				
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	10.5		"	10.0		105	54-165				
1,1,2-Trichloroethane	9.32		"	10.0		93.2	82-123				
1,1-Dichloroethane	10.3		"	10.0		103	82-129				
1,1-Dichloroethylene	10.0		"	10.0		100	68-138				
1,2,3-Trichlorobenzene	9.71		"	10.0		97.1	76-136				
1,2,3-Trichloropropane	8.79		"	10.0		87.9	77-128				
1,2,4-Trichlorobenzene	9.16		"	10.0		91.6	76-137				
1,2,4-Trimethylbenzene	9.71		"	10.0		97.1	82-132				
1,2-Dibromo-3-chloropropane	8.43		"	10.0		84.3	45-147				
1,2-Dibromoethane	9.53		"	10.0		95.3	83-124				
1,2-Dichlorobenzene	9.46		"	10.0		94.6	79-123				
1,2-Dichloroethane	10.8		"	10.0		108	73-132				
1,2-Dichloropropane	9.25		"	10.0		92.5	78-126				
1,3,5-Trimethylbenzene	9.50		"	10.0		95.0	80-131				
1,3-Dichlorobenzene	9.55		"	10.0		95.5	86-122				
1,3-Dichloropropane	9.21		"	10.0		92.1	81-125				
1,4-Dichlorobenzene	9.57		"	10.0		95.7	85-124				
1,4-Dioxane	237		"	210		113	10-349				
2-Butanone	10.2		"	10.0		102	49-152				
2-Hexanone	7.61		"	10.0		76.1	51-146				
4-Methyl-2-pentanone	7.82		"	10.0		78.2	57-145				
Acetone	10.6		"	10.0		106	14-150				
Acrolein	11.1		"	10.0		111	10-153				
Acrylonitrile	9.54		"	10.0		95.4	51-150				
Benzene	10.5		"	10.0		105	85-126				
Bromochloromethane	10.1		"	10.0		101	77-128				
Bromodichloromethane	9.42		"	10.0		94.2	79-128				
Bromoform	9.69		"	10.0		96.9	78-133				
Bromomethane	9.54		"	10.0		95.4	43-168				
Carbon disulfide	9.33		"	10.0		93.3	68-146				
Carbon tetrachloride	11.8		"	10.0		118	77-141				
Chlorobenzene	10.4		"	10.0		104	88-120				
Chloroethane	11.0		"	10.0		110	65-136				
Chloroform	11.0		"	10.0		110	82-128				
Chloromethane	7.14		"	10.0		71.4	43-155				
cis-1,2-Dichloroethylene	10.9		"	10.0		109	83-129				
cis-1,3-Dichloropropylene	8.02		"	10.0		80.2	80-131				
Cyclohexane	4.16		"	10.0		41.6	63-149	Low Bias			
Dibromochloromethane	9.51		"	10.0		95.1	80-130				
Dibromomethane	9.13		"	10.0		91.3	72-134				
Dichlorodifluoromethane	4.51		"	10.0		45.1	44-144				
Ethyl Benzene	10.5		"	10.0		105	80-131				
Hexachlorobutadiene	9.78		"	10.0		97.8	67-146				
Isopropylbenzene	9.89		"	10.0		98.9	76-140				
Methyl acetate	9.59		"	10.0		95.9	51-139				
Methyl tert-butyl ether (MTBE)	10.1		"	10.0		101	76-135				
Methylcyclohexane	8.53		"	10.0		85.3	72-143				

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BG21186 - EPA 5030B											
LCS (BG21186-BS1)							Prepared & Analyzed: 07/21/2022				
Methylene chloride	9.67		ug/L	10.0		96.7	55-137				
Naphthalene	8.43		"	10.0		84.3	70-147				
n-Butylbenzene	9.77		"	10.0		97.7	79-132				
n-Propylbenzene	9.41		"	10.0		94.1	78-133				
o-Xylene	11.1		"	10.0		111	78-130				
p- & m- Xylenes	21.4		"	20.0		107	77-133				
p-Diethylbenzene	10.0		"	10.0		100	84-134				
p-Ethyltoluene	10.4		"	10.0		104	88-129				
p-Isopropyltoluene	10.5		"	10.0		105	81-136				
sec-Butylbenzene	10.3		"	10.0		103	79-137				
Styrene	10.4		"	10.0		104	67-132				
tert-Butyl alcohol (TBA)	41.4		"	50.0		82.8	25-162				
tert-Butylbenzene	8.71		"	10.0		87.1	77-138				
Tetrachloroethylene	10.3		"	10.0		103	82-131				
Toluene	9.29		"	10.0		92.9	80-127				
trans-1,2-Dichloroethylene	10.4		"	10.0		104	80-132				
trans-1,3-Dichloropropylene	9.35		"	10.0		93.5	78-131				
Trichloroethylene	9.55		"	10.0		95.5	82-128				
Trichlorofluoromethane	11.6		"	10.0		116	67-139				
Vinyl Chloride	8.99		"	10.0		89.9	58-145				
Surrogate: SURR: 1,2-Dichloroethane-d4	*10.4*		*"*	*10.0*		*104*	*69-130*				
Surrogate: SURR: Toluene-d8	*9.41*		*"*	*10.0*		*94.1*	*81-117*				
Surrogate: SURR: p-Bromofluorobenzene	*9.10*		*"*	*10.0*		*91.0*	*79-122*				
LCS Dup (BG21186-BSD1)							Prepared & Analyzed: 07/21/2022				
1,1,1,2-Tetrachloroethane	10.1		ug/L	10.0		101	82-126		0.298	30	
1,1,1-Trichloroethane	10.7		"	10.0		107	78-136		4.40	30	
1,1,2,2-Tetrachloroethane	8.75		"	10.0		87.5	76-129		5.04	30	
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	9.98		"	10.0		99.8	54-165		5.27	30	
1,1,2-Trichloroethane	9.95		"	10.0		99.5	82-123		6.54	30	
1,1-Dichloroethane	10.1		"	10.0		101	82-129		2.26	30	
1,1-Dichloroethylene	9.52		"	10.0		95.2	68-138		5.12	30	
1,2,3-Trichlorobenzene	10.1		"	10.0		101	76-136		4.14	30	
1,2,3-Trichloropropane	9.38		"	10.0		93.8	77-128		6.49	30	
1,2,4-Trichlorobenzene	9.65		"	10.0		96.5	76-137		5.21	30	
1,2,4-Trimethylbenzene	9.32		"	10.0		93.2	82-132		4.10	30	
1,2-Dibromo-3-chloropropane	9.03		"	10.0		90.3	45-147		6.87	30	
1,2-Dibromoethane	10.2		"	10.0		102	83-124		6.30	30	
1,2-Dichlorobenzene	9.20		"	10.0		92.0	79-123		2.79	30	
1,2-Dichloroethane	11.1		"	10.0		111	73-132		2.38	30	
1,2-Dichloropropane	9.23		"	10.0		92.3	78-126		0.216	30	
1,3,5-Trimethylbenzene	9.08		"	10.0		90.8	80-131		4.52	30	
1,3-Dichlorobenzene	9.24		"	10.0		92.4	86-122		3.30	30	
1,3-Dichloropropane	9.60		"	10.0		96.0	81-125		4.15	30	
1,4-Dichlorobenzene	9.23		"	10.0		92.3	85-124		3.62	30	
1,4-Dioxane	260		"	210		124	10-349		9.33	30	
2-Butanone	14.7		"	10.0		147	49-152		36.0	30	Non-dir.
2-Hexanone	8.77		"	10.0		87.7	51-146		14.2	30	
4-Methyl-2-pentanone	8.58		"	10.0		85.8	57-145		9.27	30	
Acetone	11.1		"	10.0		111	14-150		4.78	30	

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BG21186 - EPA 5030B											
LCS Dup (BG21186-BSD1)								Prepared & Analyzed: 07/21/2022			
Acrolein	12.2		ug/L	10.0		122	10-153		9.36	30	
Acrylonitrile	10.8		"	10.0		108	51-150		12.8	30	
Benzene	10.2		"	10.0		102	85-126		2.71	30	
Bromochloromethane	10.3		"	10.0		103	77-128		2.15	30	
Bromodichloromethane	9.27		"	10.0		92.7	79-128		1.61	30	
Bromoform	10.4		"	10.0		104	78-133		6.97	30	
Bromomethane	8.67		"	10.0		86.7	43-168		9.56	30	
Carbon disulfide	8.86		"	10.0		88.6	68-146		5.17	30	
Carbon tetrachloride	11.2		"	10.0		112	77-141		5.83	30	
Chlorobenzene	10.4		"	10.0		104	88-120		0.674	30	
Chloroethane	10.2		"	10.0		102	65-136		7.52	30	
Chloroform	10.8		"	10.0		108	82-128		2.39	30	
Chloromethane	6.75		"	10.0		67.5	43-155		5.62	30	
cis-1,2-Dichloroethylene	10.5		"	10.0		105	83-129		3.47	30	
cis-1,3-Dichloropropylene	8.10		"	10.0		81.0	80-131		0.993	30	
Cyclohexane	3.95		"	10.0		39.5	63-149	Low Bias	5.18	30	
Dibromochloromethane	9.82		"	10.0		98.2	80-130		3.21	30	
Dibromomethane	9.61		"	10.0		96.1	72-134		5.12	30	
Dichlorodifluoromethane	4.15		"	10.0		41.5	44-144	Low Bias	8.31	30	
Ethyl Benzene	10.2		"	10.0		102	80-131		2.51	30	
Hexachlorobutadiene	10.0		"	10.0		100	67-146		2.22	30	
Isopropylbenzene	9.39		"	10.0		93.9	76-140		5.19	30	
Methyl acetate	10.5		"	10.0		105	51-139		8.77	30	
Methyl tert-butyl ether (MTBE)	10.7		"	10.0		107	76-135		5.77	30	
Methylcyclohexane	8.08		"	10.0		80.8	72-143		5.42	30	
Methylene chloride	9.64		"	10.0		96.4	55-137		0.311	30	
Naphthalene	9.21		"	10.0		92.1	70-147		8.84	30	
n-Butylbenzene	9.27		"	10.0		92.7	79-132		5.25	30	
n-Propylbenzene	9.01		"	10.0		90.1	78-133		4.34	30	
o-Xylene	10.8		"	10.0		108	78-130		2.73	30	
p- & m- Xylenes	20.9		"	20.0		105	77-133		2.27	30	
p-Diethylbenzene	9.54		"	10.0		95.4	84-134		5.11	30	
p-Ethyltoluene	10.0		"	10.0		100	88-129		4.21	30	
p-Isopropyltoluene	9.89		"	10.0		98.9	81-136		6.08	30	
sec-Butylbenzene	9.54		"	10.0		95.4	79-137		7.27	30	
Styrene	10.2		"	10.0		102	67-132		1.36	30	
tert-Butyl alcohol (TBA)	49.0		"	50.0		98.1	25-162		16.9	30	
tert-Butylbenzene	8.21		"	10.0		82.1	77-138		5.91	30	
Tetrachloroethylene	10.1		"	10.0		101	82-131		1.87	30	
Toluene	9.10		"	10.0		91.0	80-127		2.07	30	
trans-1,2-Dichloroethylene	10.0		"	10.0		100	80-132		4.11	30	
trans-1,3-Dichloropropylene	9.50		"	10.0		95.0	78-131		1.59	30	
Trichloroethylene	9.11		"	10.0		91.1	82-128		4.72	30	
Trichlorofluoromethane	10.8		"	10.0		108	67-139		7.15	30	
Vinyl Chloride	8.07		"	10.0		80.7	58-145		10.8	30	
Surrogate: SURR: 1,2-Dichloroethane-d4	*10.6*		*"*	*10.0*		*106*	*69-130*				
Surrogate: SURR: Toluene-d8	*9.33*		*"*	*10.0*		*93.3*	*81-117*				
Surrogate: SURR: p-Bromofluorobenzene	*8.92*		*"*	*10.0*		*89.2*	*79-122*				

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BG21186 - EPA 5030B											
Matrix Spike (BG21186-MS1)	*Source sample: 22G0719-03 (MW-3)							Prepared & Analyzed: 07/21/2022			
1,1,1,2-Tetrachloroethane	11.0		ug/L	10.0	0.00	110	45-161				
1,1,1-Trichloroethane	12.5		"	10.0	0.00	125	70-146				
1,1,2,2-Tetrachloroethane	7.87		"	10.0	0.00	78.7	74-121				
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	10.3		"	10.0	0.00	103	21-217				
1,1,2-Trichloroethane	10.0		"	10.0	0.00	100	59-146				
1,1-Dichloroethane	9.94		"	10.0	0.00	99.4	54-146				
1,1-Dichloroethylene	9.64		"	10.0	0.00	96.4	44-165				
1,2,3-Trichlorobenzene	9.62		"	10.0	0.00	96.2	40-161				
1,2,3-Trichloropropane	8.95		"	10.0	0.00	89.5	74-127				
1,2,4-Trichlorobenzene	9.11		"	10.0	0.00	91.1	41-161				
1,2,4-Trimethylbenzene	8.97		"	10.0	0.00	89.7	72-129				
1,2-Dibromo-3-chloropropane	9.79		"	10.0	0.00	97.9	31-151				
1,2-Dibromoethane	9.83		"	10.0	0.00	98.3	75-125				
1,2-Dichlorobenzene	8.98		"	10.0	0.00	89.8	63-122				
1,2-Dichloroethane	12.6		"	10.0	0.00	126	68-131				
1,2-Dichloropropane	8.65		"	10.0	0.00	86.5	77-121				
1,3,5-Trimethylbenzene	8.73		"	10.0	0.00	87.3	69-126				
1,3-Dichlorobenzene	8.53		"	10.0	0.00	85.3	74-119				
1,3-Dichloropropane	9.89		"	10.0	0.00	98.9	77-119				
1,4-Dichlorobenzene	8.69		"	10.0	0.00	86.9	70-124				
1,4-Dioxane	223		"	210	0.00	106	10-310				
2-Butanone	8.75		"	10.0	0.00	87.5	10-193				
2-Hexanone	8.77		"	10.0	0.00	87.7	53-133				
4-Methyl-2-pentanone	8.07		"	10.0	0.00	80.7	38-150				
Acetone	13.6		"	10.0	2.85	107	13-149				
Acrolein	8.71		"	10.0	0.00	87.1	10-195				
Acrylonitrile	8.33		"	10.0	0.00	83.3	37-165				
Benzene	9.90		"	10.0	0.00	99.0	38-155				
Bromochloromethane	10.1		"	10.0	0.00	101	75-121				
Bromodichloromethane	14.1		"	10.0	3.42	107	70-129				
Bromoform	11.5		"	10.0	0.00	115	66-136				
Bromomethane	2.32		"	10.0	0.00	23.2	30-158	Low Bias			
Carbon disulfide	8.07		"	10.0	0.00	80.7	10-138				
Carbon tetrachloride	14.1		"	10.0	0.00	141	71-146				
Chlorobenzene	10.5		"	10.0	0.00	105	81-117				
Chloroethane	19.7		"	10.0	0.00	197	51-145	High Bias			
Chloroform	72.2		"	10.0	60.7	116	80-124				
Chloromethane	6.21		"	10.0	0.00	62.1	16-163				
cis-1,2-Dichloroethylene	10.7		"	10.0	0.00	107	76-125				
cis-1,3-Dichloropropylene	7.64		"	10.0	0.00	76.4	58-131				
Cyclohexane	3.81		"	10.0	0.00	38.1	70-130	Low Bias			
Dibromochloromethane	10.9		"	10.0	0.140	107	71-129				
Dibromomethane	10.2		"	10.0	0.00	102	76-120				
Dichlorodifluoromethane	2.95		"	10.0	0.00	29.5	30-147	Low Bias			
Ethyl Benzene	10.9		"	10.0	0.00	109	72-128				
Hexachlorobutadiene	10.3		"	10.0	0.00	103	34-166				
Isopropylbenzene	8.92		"	10.0	0.00	89.2	66-139				
Methyl acetate	8.27		"	10.0	0.00	82.7	10-200				
Methyl tert-butyl ether (MTBE)	10.1		"	10.0	0.00	101	75-128				
Methylcyclohexane	8.00		"	10.0	0.00	80.0	70-130				

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BG21186 - EPA 5030B											
Matrix Spike (BG21186-MS1)	*Source sample: 22G0719-03 (MW-3)							Prepared & Analyzed: 07/21/2022			
Methylene chloride	9.48		ug/L	10.0	0.900	85.8	57-128				
Naphthalene	8.56		"	10.0	0.00	85.6	39-158				
n-Butylbenzene	9.43		"	10.0	0.00	94.3	61-138				
n-Propylbenzene	8.51		"	10.0	0.00	85.1	66-134				
o-Xylene	11.6		"	10.0	0.00	116	69-126				
p- & m- Xylenes	22.4		"	20.0	0.00	112	67-130				
p-Diethylbenzene	9.45		"	10.0	0.00	94.5	52-150				
p-Ethyltoluene	9.41		"	10.0	0.00	94.1	76-127				
p-Isopropyltoluene	9.72		"	10.0	0.00	97.2	64-137				
sec-Butylbenzene	9.38		"	10.0	0.00	93.8	53-155				
Styrene	10.8		"	10.0	0.00	108	69-125				
tert-Butyl alcohol (TBA)	46.0		"	50.0	0.00	92.1	10-130				
tert-Butylbenzene	7.94		"	10.0	0.00	79.4	65-139				
Tetrachloroethylene	16.4		"	10.0	5.39	110	64-139				
Toluene	9.28		"	10.0	0.00	92.8	76-123				
trans-1,2-Dichloroethylene	10.2		"	10.0	0.00	102	79-131				
trans-1,3-Dichloropropylene	9.85		"	10.0	0.00	98.5	55-130				
Trichloroethylene	9.32		"	10.0	0.00	93.2	53-145				
Trichlorofluoromethane	17.7		"	10.0	2.79	149	61-142	High Bias			
Vinyl Chloride	7.70		"	10.0	0.00	77.0	31-165				
Surrogate: SURR: 1,2-Dichloroethane-d4	*12.5*		*"*	*10.0*		*125*	*69-130*				
Surrogate: SURR: Toluene-d8	*9.35*		*"*	*10.0*		*93.5*	*81-117*				
Surrogate: SURR: p-Bromofluorobenzene	*8.30*		*"*	*10.0*		*83.0*	*79-122*				
Matrix Spike Dup (BG21186-MSD1)	*Source sample: 22G0719-03 (MW-3)							Prepared & Analyzed: 07/21/2022			
1,1,1,2-Tetrachloroethane	9.61		ug/L	10.0	0.00	96.1	45-161		13.2	30	
1,1,1-Trichloroethane	11.0		"	10.0	0.00	110	70-146		13.0	30	
1,1,2,2-Tetrachloroethane	7.22		"	10.0	0.00	72.2	74-121	Low Bias	8.61	30	
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	9.27		"	10.0	0.00	92.7	21-217		10.8	30	
1,1,2-Trichloroethane	8.91		"	10.0	0.00	89.1	59-146		11.9	30	
1,1-Dichloroethane	9.04		"	10.0	0.00	90.4	54-146		9.48	30	
1,1-Dichloroethylene	8.87		"	10.0	0.00	88.7	44-165		8.32	30	
1,2,3-Trichlorobenzene	8.93		"	10.0	0.00	89.3	40-161		7.44	30	
1,2,3-Trichloropropane	7.98		"	10.0	0.00	79.8	74-127		11.5	30	
1,2,4-Trichlorobenzene	8.68		"	10.0	0.00	86.8	41-161		4.83	30	
1,2,4-Trimethylbenzene	8.18		"	10.0	0.00	81.8	72-129		9.21	30	
1,2-Dibromo-3-chloropropane	8.24		"	10.0	0.00	82.4	31-151		17.2	30	
1,2-Dibromoethane	9.08		"	10.0	0.00	90.8	75-125		7.93	30	
1,2-Dichlorobenzene	8.01		"	10.0	0.00	80.1	63-122		11.4	30	
1,2-Dichloroethane	10.9		"	10.0	0.00	109	68-131		14.9	30	
1,2-Dichloropropane	8.03		"	10.0	0.00	80.3	77-121		7.43	30	
1,3,5-Trimethylbenzene	8.07		"	10.0	0.00	80.7	69-126		7.86	30	
1,3-Dichlorobenzene	7.83		"	10.0	0.00	78.3	74-119		8.56	30	
1,3-Dichloropropane	8.71		"	10.0	0.00	87.1	77-119		12.7	30	
1,4-Dichlorobenzene	7.81		"	10.0	0.00	78.1	70-124		10.7	30	
1,4-Dioxane	187		"	210	0.00	88.9	10-310		17.7	30	
2-Butanone	9.83		"	10.0	0.00	98.3	10-193		11.6	30	
2-Hexanone	8.04		"	10.0	0.00	80.4	53-133		8.69	30	
4-Methyl-2-pentanone	7.49		"	10.0	0.00	74.9	38-150		7.46	30	
Acetone	12.5		"	10.0	2.85	96.7	13-149		7.90	30	

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BG21186 - EPA 5030B											
Matrix Spike Dup (BG21186-MSD1)	*Source sample: 22G0719-03 (MW-3)							Prepared & Analyzed: 07/21/2022			
Acrolein	9.04		ug/L	10.0	0.00	90.4	10-195		3.72	30	
Acrylonitrile	8.32		"	10.0	0.00	83.2	37-165		0.120	30	
Benzene	9.21		"	10.0	0.00	92.1	38-155		7.22	30	
Bromochloromethane	9.35		"	10.0	0.00	93.5	75-121		7.61	30	
Bromodichloromethane	12.6		"	10.0	3.42	92.2	70-129		11.0	30	
Bromoform	9.90		"	10.0	0.00	99.0	66-136		15.3	30	
Bromomethane	2.67		"	10.0	0.00	26.7	30-158	Low Bias	14.0	30	
Carbon disulfide	7.78		"	10.0	0.00	77.8	10-138		3.66	30	
Carbon tetrachloride	11.9		"	10.0	0.00	119	71-146		17.1	30	
Chlorobenzene	9.54		"	10.0	0.00	95.4	81-117		9.96	30	
Chloroethane	10.5		"	10.0	0.00	105	51-145		61.0	30	Non-dir.
Chloroform	69.0		"	10.0	60.7	83.0	80-124		4.65	30	
Chloromethane	5.36		"	10.0	0.00	53.6	16-163		14.7	30	
cis-1,2-Dichloroethylene	9.72		"	10.0	0.00	97.2	76-125		9.69	30	
cis-1,3-Dichloropropylene	7.02		"	10.0	0.00	70.2	58-131		8.46	30	
Cyclohexane	3.59		"	10.0	0.00	35.9	70-130	Low Bias	5.95	30	
Dibromochloromethane	9.45		"	10.0	0.140	93.1	71-129		14.0	30	
Dibromomethane	8.95		"	10.0	0.00	89.5	76-120		12.7	30	
Dichlorodifluoromethane	2.64		"	10.0	0.00	26.4	30-147	Low Bias	11.1	30	
Ethyl Benzene	9.64		"	10.0	0.00	96.4	72-128		12.0	30	
Hexachlorobutadiene	9.52		"	10.0	0.00	95.2	34-166		8.16	30	
Isopropylbenzene	8.27		"	10.0	0.00	82.7	66-139		7.56	30	
Methyl acetate	8.13		"	10.0	0.00	81.3	10-200		1.71	30	
Methyl tert-butyl ether (MTBE)	9.39		"	10.0	0.00	93.9	75-128		7.58	30	
Methylcyclohexane	7.57		"	10.0	0.00	75.7	70-130		5.52	30	
Methylene chloride	8.70		"	10.0	0.900	78.0	57-128		8.58	30	
Naphthalene	7.95		"	10.0	0.00	79.5	39-158		7.39	30	
n-Butylbenzene	8.56		"	10.0	0.00	85.6	61-138		9.67	30	
n-Propylbenzene	7.95		"	10.0	0.00	79.5	66-134		6.80	30	
o-Xylene	10.1		"	10.0	0.00	101	69-126		13.7	30	
p- & m- Xylenes	20.0		"	20.0	0.00	99.8	67-130		11.5	30	
p-Diethylbenzene	8.59		"	10.0	0.00	85.9	52-150		9.53	30	
p-Ethyltoluene	8.40		"	10.0	0.00	84.0	76-127		11.3	30	
p-Isopropyltoluene	8.89		"	10.0	0.00	88.9	64-137		8.92	30	
sec-Butylbenzene	8.55		"	10.0	0.00	85.5	53-155		9.26	30	
Styrene	9.58		"	10.0	0.00	95.8	69-125		11.6	30	
tert-Butyl alcohol (TBA)	44.5		"	50.0	0.00	88.9	10-130		3.47	30	
tert-Butylbenzene	7.28		"	10.0	0.00	72.8	65-139		8.67	30	
Tetrachloroethylene	15.4		"	10.0	5.39	100	64-139		6.10	30	
Toluene	8.39		"	10.0	0.00	83.9	76-123		10.1	30	
trans-1,2-Dichloroethylene	9.12		"	10.0	0.00	91.2	79-131		10.9	30	
trans-1,3-Dichloropropylene	8.77		"	10.0	0.00	87.7	55-130		11.6	30	
Trichloroethylene	8.60		"	10.0	0.00	86.0	53-145		8.04	30	
Trichlorofluoromethane	14.2		"	10.0	2.79	114	61-142		21.7	30	
Vinyl Chloride	7.22		"	10.0	0.00	72.2	31-165		6.43	30	
Surrogate: SURR: 1,2-Dichloroethane-d4	*11.9*		*"*	*10.0*		*119*	*69-130*				
Surrogate: SURR: Toluene-d8	*9.39*		*"*	*10.0*		*93.9*	*81-117*				
Surrogate: SURR: p-Bromofluorobenzene	*8.42*		*"*	*10.0*		*84.2*	*79-122*				

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BG21257 - EPA 5030B											
Blank (BG21257-BLK1)											
1,1,1,2-Tetrachloroethane	ND	0.500	ug/L								
Tentatively Identified Compounds	0.0		"								
1,1,1-Trichloroethane	ND	0.500	"								
1,1,2,2-Tetrachloroethane	ND	0.500	"								
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	0.500	"								
1,1,2-Trichloroethane	ND	0.500	"								
1,1-Dichloroethane	ND	0.500	"								
1,1-Dichloroethylene	ND	0.500	"								
1,2,3-Trichlorobenzene	ND	0.500	"								
1,2,3-Trichloropropane	ND	0.500	"								
1,2,4-Trichlorobenzene	ND	0.500	"								
1,2,4-Trimethylbenzene	ND	0.500	"								
1,2-Dibromo-3-chloropropane	ND	0.500	"								
1,2-Dibromoethane	ND	0.500	"								
1,2-Dichlorobenzene	ND	0.500	"								
1,2-Dichloroethane	ND	0.500	"								
1,2-Dichloropropane	ND	0.500	"								
1,3,5-Trimethylbenzene	ND	0.500	"								
1,3-Dichlorobenzene	ND	0.500	"								
1,3-Dichloropropane	ND	0.500	"								
1,4-Dichlorobenzene	ND	0.500	"								
1,4-Dioxane	ND	80.0	"								
2-Butanone	ND	0.500	"								
2-Hexanone	ND	0.500	"								
4-Methyl-2-pentanone	ND	0.500	"								
Acetone	ND	2.00	"								
Acrolein	ND	0.500	"								
Acrylonitrile	ND	0.500	"								
Benzene	ND	0.500	"								
Bromochloromethane	ND	0.500	"								
Bromodichloromethane	ND	0.500	"								
Bromoform	ND	0.500	"								
Bromomethane	ND	0.500	"								
Carbon disulfide	ND	0.500	"								
Carbon tetrachloride	ND	0.500	"								
Chlorobenzene	ND	0.500	"								
Chloroethane	ND	0.500	"								
Chloroform	ND	0.500	"								
Chloromethane	ND	0.500	"								
cis-1,2-Dichloroethylene	ND	0.500	"								
cis-1,3-Dichloropropylene	ND	0.500	"								
Cyclohexane	ND	0.500	"								
Dibromochloromethane	ND	0.500	"								
Dibromomethane	ND	0.500	"								
Dichlorodifluoromethane	ND	0.500	"								
Ethyl Benzene	ND	0.500	"								
Hexachlorobutadiene	ND	0.500	"								
Isopropylbenzene	ND	0.500	"								
Methyl acetate	ND	0.500	"								
Methyl tert-butyl ether (MTBE)	ND	0.500	"								

Prepared & Analyzed: 07/22/2022

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BG21257 - EPA 5030B											
Blank (BG21257-BLK1)								Prepared & Analyzed: 07/22/2022			
Methylcyclohexane	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-Butyl alcohol (TBA)	ND	1.00	"								
tert-Butylbenzene	ND	0.500	"								
Tetrachloroethylene	ND	0.500	"								
Toluene	ND	0.500	"								
trans-1,2-Dichloroethylene	ND	0.500	"								
trans-1,3-Dichloropropylene	ND	0.500	"								
Trichloroethylene	ND	0.500	"								
Trichlorofluoromethane	ND	0.500	"								
Vinyl Chloride	ND	0.500	"								
Xylenes, Total	ND	1.50	"								
Surrogate: SURR: 1,2-Dichloroethane-d4	*11.9*		*"*	*10.0*		*119*	*69-130*				
Surrogate: SURR: Toluene-d8	*9.36*		*"*	*10.0*		*93.6*	*81-117*				
Surrogate: SURR: p-Bromofluorobenzene	*9.56*		*"*	*10.0*		*95.6*	*79-122*				
LCS (BG21257-BS1)								Prepared & Analyzed: 07/22/2022			
1,1,1,2-Tetrachloroethane	9.66		ug/L	10.0		96.6	82-126				
1,1,1-Trichloroethane	10.4		"	10.0		104	78-136				
1,1,2,2-Tetrachloroethane	7.35		"	10.0		73.5	76-129	Low Bias			
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	9.14		"	10.0		91.4	54-165				
1,1,2-Trichloroethane	8.53		"	10.0		85.3	82-123				
1,1-Dichloroethane	9.24		"	10.0		92.4	82-129				
1,1-Dichloroethylene	8.57		"	10.0		85.7	68-138				
1,2,3-Trichlorobenzene	8.33		"	10.0		83.3	76-136				
1,2,3-Trichloropropane	8.09		"	10.0		80.9	77-128				
1,2,4-Trichlorobenzene	8.31		"	10.0		83.1	76-137				
1,2,4-Trimethylbenzene	9.29		"	10.0		92.9	82-132				
1,2-Dibromo-3-chloropropane	8.07		"	10.0		80.7	45-147				
1,2-Dibromoethane	8.61		"	10.0		86.1	83-124				
1,2-Dichlorobenzene	8.79		"	10.0		87.9	79-123				
1,2-Dichloroethane	10.2		"	10.0		102	73-132				
1,2-Dichloropropane	8.49		"	10.0		84.9	78-126				
1,3,5-Trimethylbenzene	9.21		"	10.0		92.1	80-131				
1,3-Dichlorobenzene	8.88		"	10.0		88.8	86-122				
1,3-Dichloropropane	8.32		"	10.0		83.2	81-125				
1,4-Dichlorobenzene	8.89		"	10.0		88.9	85-124				
1,4-Dioxane	158		"	210		75.5	10-349				
2-Butanone	7.49		"	10.0		74.9	49-152				
2-Hexanone	6.29		"	10.0		62.9	51-146				

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BG21257 - EPA 5030B											
LCS (BG21257-BS1)								Prepared & Analyzed: 07/22/2022			
4-Methyl-2-pentanone	6.46		ug/L	10.0		64.6	57-145				
Acetone	8.60		"	10.0		86.0	14-150				
Acrolein	8.95		"	10.0		89.5	10-153				
Acrylonitrile	7.70		"	10.0		77.0	51-150				
Benzene	9.37		"	10.0		93.7	85-126				
Bromochloromethane	9.09		"	10.0		90.9	77-128				
Bromodichloromethane	8.95		"	10.0		89.5	79-128				
Bromoform	9.21		"	10.0		92.1	78-133				
Bromomethane	4.08		"	10.0		40.8	43-168	Low Bias			
Carbon disulfide	7.52		"	10.0		75.2	68-146				
Carbon tetrachloride	11.3		"	10.0		113	77-141				
Chlorobenzene	9.86		"	10.0		98.6	88-120				
Chloroethane	9.45		"	10.0		94.5	65-136				
Chloroform	10.3		"	10.0		103	82-128				
Chloromethane	5.31		"	10.0		53.1	43-155				
cis-1,2-Dichloroethylene	9.92		"	10.0		99.2	83-129				
cis-1,3-Dichloropropylene	7.40		"	10.0		74.0	80-131	Low Bias			
Cyclohexane	3.43		"	10.0		34.3	63-149	Low Bias			
Dibromochloromethane	8.77		"	10.0		87.7	80-130				
Dibromomethane	8.37		"	10.0		83.7	72-134				
Dichlorodifluoromethane	2.18		"	10.0		21.8	44-144	Low Bias			
Ethyl Benzene	9.99		"	10.0		99.9	80-131				
Hexachlorobutadiene	9.18		"	10.0		91.8	67-146				
Isopropylbenzene	9.54		"	10.0		95.4	76-140				
Methyl acetate	8.03		"	10.0		80.3	51-139				
Methyl tert-butyl ether (MTBE)	8.52		"	10.0		85.2	76-135				
Methylcyclohexane	7.70		"	10.0		77.0	72-143				
Methylene chloride	8.55		"	10.0		85.5	55-137				
Naphthalene	7.11		"	10.0		71.1	70-147				
n-Butylbenzene	9.57		"	10.0		95.7	79-132				
n-Propylbenzene	9.12		"	10.0		91.2	78-133				
o-Xylene	10.6		"	10.0		106	78-130				
p- & m- Xylenes	20.6		"	20.0		103	77-133				
p-Diethylbenzene	9.62		"	10.0		96.2	84-134				
p-Ethyltoluene	10.1		"	10.0		101	88-129				
p-Isopropyltoluene	10.0		"	10.0		100	81-136				
sec-Butylbenzene	9.73		"	10.0		97.3	79-137				
Styrene	9.78		"	10.0		97.8	67-132				
tert-Butyl alcohol (TBA)	32.1		"	50.0		64.2	25-162				
tert-Butylbenzene	8.22		"	10.0		82.2	77-138				
Tetrachloroethylene	9.70		"	10.0		97.0	82-131				
Toluene	8.63		"	10.0		86.3	80-127				
trans-1,2-Dichloroethylene	9.18		"	10.0		91.8	80-132				
trans-1,3-Dichloropropylene	8.85		"	10.0		88.5	78-131				
Trichloroethylene	8.86		"	10.0		88.6	82-128				
Trichlorofluoromethane	10.7		"	10.0		107	67-139				
Vinyl Chloride	6.58		"	10.0		65.8	58-145				
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	*9.18*		*"*	*10.0*		*91.8*	*79-122*				

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BG21257 - EPA 5030B											
LCS Dup (BG21257-BSD1)							Prepared & Analyzed: 07/22/2022				
1,1,1,2-Tetrachloroethane	10.4		ug/L	10.0		104	82-126		7.19	30	
1,1,1-Trichloroethane	10.6		"	10.0		106	78-136		2.18	30	
1,1,2,2-Tetrachloroethane	8.08		"	10.0		80.8	76-129		9.46	30	
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	8.63		"	10.0		86.3	54-165		5.74	30	
1,1,2-Trichloroethane	9.19		"	10.0		91.9	82-123		7.45	30	
1,1-Dichloroethane	9.70		"	10.0		97.0	82-129		4.86	30	
1,1-Dichloroethylene	8.33		"	10.0		83.3	68-138		2.84	30	
1,2,3-Trichlorobenzene	9.28		"	10.0		92.8	76-136		10.8	30	
1,2,3-Trichloropropane	8.65		"	10.0		86.5	77-128		6.69	30	
1,2,4-Trichlorobenzene	9.19		"	10.0		91.9	76-137		10.1	30	
1,2,4-Trimethylbenzene	10.0		"	10.0		100	82-132		7.86	30	
1,2-Dibromo-3-chloropropane	8.36		"	10.0		83.6	45-147		3.53	30	
1,2-Dibromoethane	9.34		"	10.0		93.4	83-124		8.13	30	
1,2-Dichlorobenzene	9.47		"	10.0		94.7	79-123		7.45	30	
1,2-Dichloroethane	10.3		"	10.0		103	73-132		1.17	30	
1,2-Dichloropropane	9.09		"	10.0		90.9	78-126		6.83	30	
1,3,5-Trimethylbenzene	9.92		"	10.0		99.2	80-131		7.42	30	
1,3-Dichlorobenzene	9.62		"	10.0		96.2	86-122		8.00	30	
1,3-Dichloropropane	9.04		"	10.0		90.4	81-125		8.29	30	
1,4-Dichlorobenzene	9.64		"	10.0		96.4	85-124		8.09	30	
1,4-Dioxane	209		"	210		99.7	10-349		27.7	30	
2-Butanone	9.75		"	10.0		97.5	49-152		26.2	30	
2-Hexanone	7.13		"	10.0		71.3	51-146		12.5	30	
4-Methyl-2-pentanone	7.18		"	10.0		71.8	57-145		10.6	30	
Acetone	9.84		"	10.0		98.4	14-150		13.4	30	
Acrolein	10.2		"	10.0		102	10-153		12.9	30	
Acrylonitrile	8.76		"	10.0		87.6	51-150		12.9	30	
Benzene	9.81		"	10.0		98.1	85-126		4.59	30	
Bromochloromethane	9.80		"	10.0		98.0	77-128		7.52	30	
Bromodichloromethane	9.46		"	10.0		94.6	79-128		5.54	30	
Bromoform	9.92		"	10.0		99.2	78-133		7.42	30	
Bromomethane	4.20		"	10.0		42.0	43-168	Low Bias	2.90	30	
Carbon disulfide	7.25		"	10.0		72.5	68-146		3.66	30	
Carbon tetrachloride	11.3		"	10.0		113	77-141		0.177	30	
Chlorobenzene	10.5		"	10.0		105	88-120		6.57	30	
Chloroethane	8.35		"	10.0		83.5	65-136		12.4	30	
Chloroform	10.7		"	10.0		107	82-128		3.91	30	
Chloromethane	4.23		"	10.0		42.3	43-155	Low Bias	22.6	30	
cis-1,2-Dichloroethylene	10.4		"	10.0		104	83-129		5.11	30	
cis-1,3-Dichloropropylene	8.11		"	10.0		81.1	80-131		9.16	30	
Cyclohexane	3.50		"	10.0		35.0	63-149	Low Bias	2.02	30	
Dibromochloromethane	9.33		"	10.0		93.3	80-130		6.19	30	
Dibromomethane	9.08		"	10.0		90.8	72-134		8.14	30	
Dichlorodifluoromethane	1.40		"	10.0		14.0	44-144	Low Bias	43.6	30	Non-dir.
Ethyl Benzene	10.6		"	10.0		106	80-131		5.93	30	
Hexachlorobutadiene	9.84		"	10.0		98.4	67-146		6.94	30	
Isopropylbenzene	10.3		"	10.0		103	76-140		7.95	30	
Methyl acetate	8.73		"	10.0		87.3	51-139		8.35	30	
Methyl tert-butyl ether (MTBE)	9.29		"	10.0		92.9	76-135		8.65	30	
Methylcyclohexane	7.71		"	10.0		77.1	72-143		0.130	30	

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BG21257 - EPA 5030B											
LCS Dup (BG21257-BSD1)								Prepared & Analyzed: 07/22/2022			
Methylene chloride	8.82		ug/L	10.0		88.2	55-137		3.11	30	
Naphthalene	7.95		"	10.0		79.5	70-147		11.2	30	
n-Butylbenzene	10.1		"	10.0		101	79-132		4.99	30	
n-Propylbenzene	9.82		"	10.0		98.2	78-133		7.39	30	
o-Xylene	11.2		"	10.0		112	78-130		5.78	30	
p- & m- Xylenes	21.7		"	20.0		109	77-133		5.24	30	
p-Diethylbenzene	10.2		"	10.0		102	84-134		6.15	30	
p-Ethyltoluene	10.3		"	10.0		103	88-129		1.96	30	
p-Isopropyltoluene	10.7		"	10.0		107	81-136		6.66	30	
sec-Butylbenzene	10.3		"	10.0		103	79-137		6.08	30	
Styrene	10.5		"	10.0		105	67-132		6.91	30	
tert-Butyl alcohol (TBA)	36.4		"	50.0		72.9	25-162		12.6	30	
tert-Butylbenzene	8.79		"	10.0		87.9	77-138		6.70	30	
Tetrachloroethylene	10.3		"	10.0		103	82-131		5.81	30	
Toluene	9.27		"	10.0		92.7	80-127		7.15	30	
trans-1,2-Dichloroethylene	9.38		"	10.0		93.8	80-132		2.16	30	
trans-1,3-Dichloropropylene	9.53		"	10.0		95.3	78-131		7.40	30	
Trichloroethylene	9.34		"	10.0		93.4	82-128		5.27	30	
Trichlorofluoromethane	9.03		"	10.0		90.3	67-139		16.9	30	
Vinyl Chloride	5.32		"	10.0		53.2	58-145	Low Bias	21.2	30	
Surrogate: SURR: 1,2-Dichloroethane-d4	*10.2*		*"*	*10.0*		*102*	*69-130*				
Surrogate: SURR: Toluene-d8	*9.59*		*"*	*10.0*		*95.9*	*81-117*				
Surrogate: SURR: p-Bromofluorobenzene	*9.23*		*"*	*10.0*		*92.3*	*79-122*				

Metals by ICP - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BG20981 - EPA 3015A											
Blank (BG20981-BLK1)								Prepared: 07/19/2022 Analyzed: 07/20/2022			
Iron - Dissolved	ND	0.278	mg/L								
LCS (BG20981-BS1)								Prepared: 07/19/2022 Analyzed: 07/20/2022			
Iron - Dissolved	0.997		ug/mL	1.00		99.7	80-120				
Duplicate (BG20981-DUP1)	*Source sample: 22G0719-13 (MW-10)							Prepared: 07/19/2022 Analyzed: 07/20/2022			
Iron - Dissolved	ND	0.278	mg/L		ND					20	
Matrix Spike (BG20981-MS1)	*Source sample: 22G0719-13 (MW-10)							Prepared: 07/19/2022 Analyzed: 07/20/2022			
Iron - Dissolved	1.20	0.278	mg/L	1.11	ND	108	75-125				
Post Spike (BG20981-PS1)	*Source sample: 22G0719-13 (MW-10)							Prepared: 07/19/2022 Analyzed: 07/20/2022			
Iron - Dissolved	1.11		ug/mL	1.00	0.0240	109	75-125				
Batch BG21068 - EPA 3015A											
Blank (BG21068-BLK1)								Prepared & Analyzed: 07/20/2022			
Iron	ND	0.278	mg/L								
LCS (BG21068-BS1)								Prepared & Analyzed: 07/20/2022			
Iron	1.06		ug/mL	1.00		106	80-120				
Duplicate (BG21068-DUP1)	*Source sample: 22G0792-02 (Duplicate)							Prepared & Analyzed: 07/20/2022			
Iron	1.59	0.278	mg/L		1.62				1.31	20	
Matrix Spike (BG21068-MS1)	*Source sample: 22G0792-02 (Matrix Spike)							Prepared & Analyzed: 07/20/2022			
Iron	2.71	0.278	mg/L	1.11	1.62	98.9	75-125				

Metals by ICP - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BG21068 - EPA 3015A											
Post Spike (BG21068-PS1)	*Source sample: 22G0792-02 (Post Spike)							Prepared & Analyzed: 07/20/2022			
Iron	2.50		ug/mL	1.00	1.62	88.7	75-125				

Anions by Ion Chromatography - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BG20862 - EPA 300											
Blank (BG20862-BLK1)								Prepared & Analyzed: 07/15/2022			
Nitrate as N	ND	0.0500	mg/L								
Sulfate	ND	1.00	"								
LCS (BG20862-BS1)								Prepared & Analyzed: 07/15/2022			
Nitrate as N	10.4	0.0500	mg/L	10.0		104	90-110				
Sulfate	10.9	1.00	"	10.0		109	85-115				
Duplicate (BG20862-DUP1)	*Source sample: 22G0706-01 (Duplicate)							Prepared & Analyzed: 07/15/2022			
Nitrate as N	2.78	0.0500	mg/L		2.77				0.148	15	
Sulfate	24.5	1.00	"		24.4				0.368	15	
Matrix Spike (BG20862-MS1)	*Source sample: 22G0706-01 (Matrix Spike)							Prepared & Analyzed: 07/15/2022			
Nitrate as N	9.44	0.0500	mg/L	10.0	2.77	66.6	90-110	Low Bias			
Sulfate	29.3	1.00	"	10.0	24.4	48.6	85-115	Low Bias			
Matrix Spike (BG20862-MS2)	*Source sample: 22G0706-02 (Matrix Spike)							Prepared & Analyzed: 07/15/2022			
Nitrate as N	13.0	0.0500	mg/L	10.0	2.69	103	90-110				
Sulfate	31.9	1.00	"	10.0	24.4	75.4	85-115	Low Bias			
Batch BG20863 - EPA 300											
Blank (BG20863-BLK1)								Prepared & Analyzed: 07/15/2022			
Nitrate as N	ND	0.0500	mg/L								
Sulfate	ND	1.00	"								
LCS (BG20863-BS1)								Prepared & Analyzed: 07/15/2022			
Nitrate as N	10.4	0.0500	mg/L	10.0		104	90-110				
Sulfate	9.78	1.00	"	10.0		97.8	85-115				

Anions by Ion Chromatography - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BG20863 - EPA 300											
Duplicate (BG20863-DUP1)	*Source sample: 22G0719-07 (MW-7I)							Prepared & Analyzed: 07/15/2022			
Nitrate as N	0.0446	0.0500	mg/L		0.0388				13.9	15	
Sulfate	27.2	1.00	"		26.4				2.75	15	
Matrix Spike (BG20863-MS1)	*Source sample: 22G0719-07 (MW-7I)							Prepared & Analyzed: 07/15/2022			
Nitrate as N	9.72	0.0500	mg/L	10.0	0.0388	96.8	90-110				
Sulfate	33.9	1.00	"	10.0	26.4	74.9	85-115	Low Bias			
Batch BG21094 - EPA 300											
Blank (BG21094-BLK1)								Prepared & Analyzed: 07/19/2022			
Sulfate	ND	1.00	mg/L								
LCS (BG21094-BS1)								Prepared & Analyzed: 07/19/2022			
Sulfate	9.49	1.00	mg/L	10.0		94.9	85-115				
Duplicate (BG21094-DUP1)	*Source sample: 22G0751-01 (Duplicate)							Prepared & Analyzed: 07/19/2022			
Sulfate	31.4	1.00	mg/L		31.3				0.417	15	
Matrix Spike (BG21094-MS1)	*Source sample: 22G0751-01 (Matrix Spike)							Prepared & Analyzed: 07/19/2022			
Sulfate	36.4	1.00	mg/L	10.0	31.3	51.3	85-115	Low Bias			
Matrix Spike (BG21094-MS2)	*Source sample: 22G0830-01 (Matrix Spike)							Prepared & Analyzed: 07/19/2022			
Sulfate	14.6	1.00	mg/L	10.0	5.64	89.6	85-115				

Wet Chemistry Parameters - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BG21133 - Analysis Preparation											
Blank (BG21133-BLK1)								Prepared & Analyzed: 07/21/2022			
Sulfide	ND	1.0	mg/L								
LCS (BG21133-BS1)								Prepared & Analyzed: 07/21/2022			
Sulfide	47	1.0	mg/L	50.0		94.4	80-120				
Duplicate (BG21133-DUP1)	*Source sample: 22G0719-01 (MW-1)							Prepared & Analyzed: 07/21/2022			
Sulfide	ND	1.0	mg/L		ND					15	

Volatile Analysis Sample Containers

Lab ID	Client Sample ID	Volatile Sample Container
22G0719-01	MW-1	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C
22G0719-02	MW-2	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C
22G0719-03	MW-3	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C
22G0719-04	MW-4I	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C
22G0719-05	MW-4S	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C
22G0719-06	MW-5	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C
22G0719-07	MW-7I	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C
22G0719-08	MW-7S	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C
22G0719-09	MW-8I	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C
22G0719-10	MW-8S	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C
22G0719-11	MW-9I	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C
22G0719-12	MW-9S	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C
22G0719-13	MW-10	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C
22G0719-14	DUP	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C
22G0719-15	Trip	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C
22G0719-16	Field Blank (FB)	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C
22G0719-17	MW-11	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C

Sample and Data Qualifiers Relating to This Work Order

See Attach	See Attached
QR-04	The RPD exceeded control limits for the LCS/LCSD QC.
QR-03	The RPD value for the sample duplicate or MS/MSD was outside of QC acceptance limits due to matrix interference. QC batch accepted based on LCS and/or LCSD recovery and/or RPD values.
QR-02	The RPD result exceeded the QC control limits; however, both percent recoveries were acceptable. Sample results for the QC batch were accepted based on percent recoveries and completeness of QC data.
QM-07	The spike recovery was outside acceptance limits for the MS and/or MSD. The batch was accepted based on acceptable LCS recovery.
QM-01	The spike recovery for this QC sample is outside of established control limits due to sample matrix interference.
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.
ICV-E	The value reported is ESTIMATED. The value is estimated due to its behavior during initial calibration verification (recovery exceeded 30% of expected value).
CCV-E	The value reported is ESTIMATED. The value is estimated due to its behavior during continuing calibration verification (>20% Difference for average Rf or >20% Drift for quadratic fit).
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. 226071

120 Research Drive Stratford, CT 06615 | 132-02 89th Ave Queens, NY 11418 | clientservices@yorklab.com | www.yorklab.com | 800-306-YORK | 800-306-9675

YOUR Information	Report To:	Invoice To:	YOUR Project Number	Turn-Around Time
Company: IMPACT ENVIRONMENTAL	Company: SAME	Company: SAME	#15209	RUSH - Next Day
Address: 170 Keyland court, Bohemia, NY	Address: SAME	Address: SAME	YOUR Project Name: 13-16 Beach Channel	RUSH - Two Day
Phone.:	Phone.: SAME	Phone.: SAME		RUSH - Three Day
Contact: Chris Connolly	Contact: SAME	Contact: SAME		RUSH - Four Day
E-mail: Cconnolly@impact environmental.com	E-mail: SAME	E-mail: SAME	YOUR PO#:	Standard (5-7 Day)

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

Samples Collected by: (print 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; NY ASP A Package; NY ASP B Package; CT RCP; CT RCP DQA/DUE; NJDEP Reduced Deliverables; NJDKQP; Standard Excel EDD; EQuIS (Standard); NYSDEC EQuIS; NJDEP SRP HazSite; Other:

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

Sample Identification	Sample Matrix	Date/Time Sampled	Analysis Requested	Container Description
MW-1	GW	7-14-22 1350	TCL VOCs / total dissolved ~~metals~~ iron, sulfate sulfide, Nitrate, total organic carbon	40mL vial's
MW-2		7-13-22 0850	TCL VOCs	
MW-3		7-13-22 0935	TCL VOCs	
MW-4I		7-13-22 1125	TCL VOCs	
MW-4S		7-13-22 1205	TCL VOCs	
MW-5		7-13-22 ~~1230~~ 1255	TCL VOCs	
MW-7I		7-14-22 1325	TCL VOC's, total dissolved iron, Iron, sulfate, sulfide Nitrate, total organic carbon, Methane, ethane, ethene	14, 3x250 mL, 2x 40mL vial sets + 1 VOA set 1:2 HCl
MW-7S		7-14-22 1245		
MW-8I		7-14-22 1105		
MW-8S		7-14-22 1150		

Comments: MW-1, MW-7I, MW-7S, MW-8I, MW-8S Analysis (TCL VOC's, total dissolved iron, Sulfate, Sulfide, Nitrate, total organic carbon, Methane ethane, ethene (MW-5 @ 1255)

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

Preservation: (check all that apply) HCl X; MeOH ___; HNO3 X; H2SO4 ___; NaOH X; ZnAc X; Ascorbic Acid ___; Other: H_3PO_4

Special Instruction: Field Filtered; Lab to Filter

Samples Relinquished by / Company	Date/Time	Samples Received by / Company	Date/Time	Samples Relinquished by / Company	Date/Time
[signature]	7-15-22	[signature] York Labs	7/15/22 1022	[signature] York Labs	7/15/22 1530
Samples Received by / Company	Date/Time	Samples Relinquished by / Company	Date/Time	Samples Received by / Company	Date/Time
I.B	7.15.22 1530	I.B	7.15.22 1944		
Samples Relinquished by / Company	Date/Time	Samples Received by / Company	Date/Time	Samples Received in LAB by	Date/Time / Temperature
				[signature]	7/15/22 1944 / 1.3 Degrees C

Field Chain-of-Custody Record

YORK ANALYTICAL LABORATORIES INC

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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. 226071.9

120 Research Drive Stratford, CT 06615 | 132-02 89th Ave Queens, NY 11418 | clientservices@yorklab.com | www.yorklab.com | 800-306-YORK | 800-306-9675

YOUR Information	Report To:	Invoice To:	YOUR Project Number	Turn-Around Time
Company: IMPACT ENVIRONMENTAL	Company: SAME	Company: SAME	#15209	RUSH - Next Day
Address: 170 Kinglan Court Bohemia, NY	Address: SAME	Address: SAME	YOUR Project Name: 13-16 Beech Channel Drive	RUSH - Two Day
Phone.:	Phone.:	Phone.:		RUSH - Three Day
Contact: Chris Connelly	Contact:	Contact:		RUSH - Four Day
E-mail:	E-mail: CConnelly@impactenvironmental.com	E-mail:	YOUR PO#:	Standard (5-7 Day)

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

Samples Collected by: (print 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; NY ASP A Package; NY ASP B Package; CT RCP; CT RCP DQA/DUE; NJDEP Reduced Deliverables; NJDKQP; Standard Excel EDD; EQuIS (Standard); NYSDEC EQuIS; NJDEP SRP HazSite; Other:

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

Sample Identification	Sample Matrix	Date/Time Sampled	Analysis Requested	Container Description
MW-9I	GW	7-14-22 1445	TCL VOCs, total dissolved iron, sulfate, sulfide, nitrate, total organic carbon, methane, ethane, ethene	16, 3x 250 plastic, 2x HCL VOA set, 1x H2SO4
MW-9S		7-14-22 1410		
MW-10		7-14-22 1000		
MS		7-13-22 0940	TCL VOCs	40ml HCL VOA 5x3
MSD		7-13-22 0940	TCL VOCs	
DUP		7-13-22 0945	TCL VOCs	
TRIP		—	TCL VOCs	2x 40ml VOA
Field BLANK (FB)		7-13-22 0945	TCL VOCs	40ml HCL VOAs x2
MW-11	GW	7-13-22 1025	TCL VOCs	

Comments: MW-9I, MW-9S, MW-10 Analysis TCL VOCs, total dissolved iron, sulfate, sulfide, nitrate, total organic carbon, methane, ethane, ethene

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

Preservation: (check all that apply) HCl X MeOH ___ HNO3 X H2SO4 ___ NaOH X ZnAc X Ascorbic Acid ___ Other: H_3PO_4

Special Instruction: Field Filtered; Lab to Filter

Samples Relinquished by / Company	Date/Time	Samples Received by / Company	Date/Time	Samples Relinquished by / Company	Date/Time	Samples Received by / Company	Date/Time
[signature]	7.15.22	1. Neil N. Yorkfello	7/15/22 1022	2. Neil N. Yorkfello	7/15/22 1530		
I.B	7.15.22 1530	3. I.B	7.15.22 1944				
		4.		Samples Received in LAB by [signature]	7/15/22 1944	Temperature 1.3 Degrees C	

Hampton-Clarke Report Of Analysis

Client: York Analytical Laboratories, Inc
HC Project #: 2072039
Project: 22G0719

Sample ID: MW-7I
Lab#: AD32168-001
Matrix: Aqueous
Collection Date: 7/14/2022
Receipt Date: 7/19/2022

Gases (Methane/Ethane/Ethene)

Analyte	DF	Units	RL	Result
Ethane	1	ug/l	4.0	ND
Ethylene	1	ug/l	4.0	ND
Methane	1	ug/l	2.0	ND

Sample ID: MW-7S
Lab#: AD32168-002
Matrix: Aqueous

Collection Date: 7/14/2022
Receipt Date: 7/19/2022

Gases (Methane/Ethane/Ethene)

Analyte	DF	Units	RL	Result
Ethane	1	ug/l	4.0	ND
Ethylene	1	ug/l	4.0	ND
Methane	**1**	**ug/l**	**2.0**	**5.1**

Sample ID: MW-8I
Lab#: AD32168-003
Matrix: Aqueous

Collection Date: 7/14/2022
Receipt Date: 7/19/2022

Gases (Methane/Ethane/Ethene)

Analyte	DF	Units	RL	Result
Ethane	1	ug/l	4.0	ND
Ethylene	1	ug/l	4.0	ND
Methane	1	ug/l	2.0	ND

Sample ID: MW-8S
Lab#: AD32168-004
Matrix: Aqueous

Collection Date: 7/14/2022
Receipt Date: 7/19/2022

Gases (Methane/Ethane/Ethene)

Analyte	DF	Units	RL	Result
Ethane	1	ug/l	4.0	ND
Ethylene	1	ug/l	4.0	ND
Methane	1	ug/l	2.0	ND

Sample ID: MW-9I
Lab#: AD32168-005
Matrix: Aqueous

Collection Date: 7/14/2022
Receipt Date: 7/19/2022

Gases (Methane/Ethane/Ethene)

Analyte	DF	Units	RL	Result
Ethane	1	ug/l	4.0	ND
Ethylene	1	ug/l	4.0	ND
Methane	1	ug/l	2.0	ND

Sample ID: MW-9S
Lab#: AD32168-006
Matrix: Aqueous

Collection Date: 7/14/2022
Receipt Date: 7/19/2022

Gases (Methane/Ethane/Ethene)

Analyte	DF	Units	RL	Result
Ethane	1	ug/l	4.0	ND
Ethylene	1	ug/l	4.0	ND
Methane	**1**	**ug/l**	**2.0**	**7.0**

Sample ID: MW-10
Lab#: AD32168-007
Matrix: Aqueous

Collection Date: 7/14/2022
Receipt Date: 7/19/2022

Gases (Methane/Ethane/Ethene)

Analyte	DF	Units	RL	Result
Ethane	1	ug/l	4.0	ND
Ethylene	1	ug/l	4.0	ND
Methane	**1**	**ug/l**	**2.0**	**3.8**

2072039

YORK
Analytical Laboratories, Inc.

7/15/2022

SUBCONTRACT Notification, Purchase Order and Chain-of-Custody
York Project No.: 22G0719

This information is being sent to inform you that York intends to subcontract certain samples to another licensed laboratory for specific parameters that we cannot perform in-house. The specific paramters that will be subcontracted are detailed below. Do not contact the subcontract laboratory directly. Please contact the YORK project manager for further information.

Note: E-mail lab reports to: York_Lab_Report@yorklab.com **Mail/Fax Hard Copies to: York Analytical at the address below**

SENDING LABORATORY:

York Analytical Laboratories, Inc.
120 Research Drive
Stratford, CT 06615
Phone: 203.325.1371
Fax: 203.357.0166
Contact: **York Analytical**

AD32168

RECEIVING LABORATORY:

Hampton-Clarke Veritech (SUB)
175 Route 46 West
Fairfield, NJ 07004
Phone :(973) 244-9770
Fax: -

York Ref: 22G0719-07

Sample ID: MW-7I -001 **Matrix: Water** **Date Sampled : 07/14/2022 13:25**

Analysis Needed	Date Due	Holding Time Expires	Comments
Methane, Ethane & Ethylene	**07/22/2022 16:30**	**07/28/2022 13:25**	

Containers Supplied:
00_40mL Clear Vial (pre-pres.) HCl; Cool to 4° C 00_40mL Clear Vial (pre-pres.) HCl; Cool to 4° C 00_40mL Clear Vial (pre-pres.) HCl; Cool to 4° C

York Ref: 22G0719-08

Sample ID: MW-7S -002 **Matrix: Water** **Date Sampled : 07/14/2022 12:45**

Analysis Needed	Date Due	Holding Time Expires	Comments
Methane, Ethane & Ethylene	**07/22/2022 16:30**	**07/28/2022 12:45**	

Containers Supplied:
00_40mL Clear Vial (pre-pres.) HCl; Cool to 4° C 00_40mL Clear Vial (pre-pres.) HCl; Cool to 4° C 00_40mL Clear Vial (pre-pres.) HCl; Cool to 4° C

York Purchase Order No.:

Samples from State of: **NY**

Deliverables required:

Data Pkg DUE:

EDDs required:

Special Info:

Reporting level: MDL/LOD

Chain-of-Custody Information

Jack Storm	7/15/2022	Mark N York Labs 7/19/22 922 AM	
Released By York Sample Control	Date	Received By	Date
		7/19/22	14:20
Received By	Date	Received in Subcontract Lab By	Date

3.5

2072039

YORK
Analytical Laboratories, Inc.

7/15/2022

SUBCONTRACT Notification, Purchase Order and Chain-of-Custody
York Project No.: 22G0719

This information is being sent to inform you that York intends to subcontract certain samples to another licensed laboratory for specific parameters that we cannot perform in-house. The specific paramters that will be subcontracted are detailed below. Do not contact the subcontract laboratory directly. Please contact the YORK project manager for further information.

Note: E-mail lab reports to: York_Lab_Report@yorklab.com **Mail/Fax Hard Copies to: York Analytical at the address below**

AD32168

York Ref: 22G0719-09

Sample ID: MW-8I -003 **Matrix: Water** **Date Sampled : 07/14/2022 11:05**

Analysis Needed	Date Due	Holding Time Expires	Comments
Methane, Ethane & Ethylene	07/22/2022 16:30	07/28/2022 11:05	

Containers Supplied:

00_40mL Clear Vial (pre-pres.) HCl; Cool to 4° C 00_40mL Clear Vial (pre-pres.) HCl; Cool to 4° C 00_40mL Clear Vial (pre-pres.) HCl; Cool to 4° C

York Ref: 22G0719-10

Sample ID: MW-8S -004 **Matrix: Water** **Date Sampled : 07/14/2022 11:50**

Analysis Needed	Date Due	Holding Time Expires	Comments
Methane, Ethane & Ethylene	07/22/2022 16:30	07/28/2022 11:50	

Containers Supplied:

00_40mL Clear Vial (pre-pres.) HCl; Cool to 4° C 00_40mL Clear Vial (pre-pres.) HCl; Cool to 4° C 00_40mL Clear Vial (pre-pres.) HCl; Cool to 4° C

York Ref: 22G0719-11

Sample ID: MW-9I -005 **Matrix: Water** **Date Sampled : 07/14/2022 14:45**

Analysis Needed	Date Due	Holding Time Expires	Comments
Methane, Ethane & Ethylene	07/22/2022 16:30	07/28/2022 14:45	

Containers Supplied:

00_40mL Clear Vial (pre-pres.) HCl; Cool to 4° C 00_40mL Clear Vial (pre-pres.) HCl; Cool to 4° C 00_40mL Clear Vial (pre-pres.) HCl; Cool to 4° C

York Purchase Order No.:

Samples from State of: **NY**

Deliverables required:

Data Pkg DUE:

EDDs required:

Special Info:

Reporting level: MDL/LOD

Chain-of-Custody Information

Jack Storm	7/15/2022	Neel N York Sales 7/19/22	9:32 AM
Released By York Sample Control	Date	Received By	Date
			7/19/22 14:20
Received By	Date	Received in Subcontract Lab By	Date

3.5

2072039

YORK
Analytical Laboratories, Inc.

7/15/2022

SUBCONTRACT Notification, Purchase Order and Chain-of-Custody
York Project No.: 22G0719

This information is being sent to inform you that York intends to subcontract certain samples to another licensed laboratory for specific parameters that we cannot perform in-house. The specific paramters that will be subcontracted are detailed below. Do not contact the subcontract laboratory directly. Please contact the YORK project manager for further information.

Note: E-mail lab reports to: York_Lab_Report@yorklab.com **Mail/Fax Hard Copies to: York Analytical at the address below**

AD32168

York Ref: 22G0719-12

Sample ID: MW-9S -006 **Matrix: Water** **Date Sampled : 07/14/2022 14:10**

Analysis Needed	Date Due	Holding Time Expires	Comments
Methane, Ethane & Ethylene	07/22/2022 16:30	07/28/2022 14:10	

Containers Supplied:

00_40mL Clear Vial (pre-pres.) HCl; Cool to 4° C 00_40mL Clear Vial (pre-pres.) HCl; Cool to 4° C 00_40mL Clear Vial (pre-pres.) HCl; Cool to 4° C

York Ref: 22G0719-13

Sample ID: MW-10 -007 **Matrix: Water** **Date Sampled : 07/14/2022 10:00**

Analysis Needed	Date Due	Holding Time Expires	Comments
Methane, Ethane & Ethylene	07/22/2022 16:30	07/28/2022 10:00	

Containers Supplied:

00_40mL Clear Vial (pre-pres.) HCl; Cool to 4° C 00_40mL Clear Vial (pre-pres.) HCl; Cool to 4° C 00_40mL Clear Vial (pre-pres.) HCl; Cool to 4° C

York Purchase Order No.: Samples from State of: **NY**

Deliverables required: **Data Pkg DUE:**

EDDs required: **Special Info:**

Reporting level: MDL/LOD

Chain-of-Custody Information

Jack Storm	7/15/2022	Neil H York Labs 7/19/22 9:28AM	
Released By York Sample Control	Date	Received By	Date 7/19/22 14:20
Received By	Date	Received in Subcontract Lab By	Date

3.5

Technical Report

prepared for:

Impact Environmental
170 Keyland Court
Bohemia NY, 11716
Attention: Greg Mendez-Chicas

Report Date: 11/01/2022
Client Project ID: 15209 - 13-16 Beach channel Drive
York Project (SDG) No.: 22J1090

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: 11/01/2022
Client Project ID: 15209 - 13-16 Beach channel Drive
York Project (SDG) No.: 22J1090

Impact Environmental
170 Keyland Court
Bohemia NY, 11716
Attention: Greg Mendez-Chicas

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 20, 2022 and listed below. The project was identified as your project: **15209 - 13-16 Beach channel Drive**.

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
22J1090-01	MW-10	Water	10/19/2022	10/20/2022
22J1090-02	MW-8S	Water	10/19/2022	10/20/2022
22J1090-03	MW-7I	Water	10/19/2022	10/20/2022
22J1090-04	MW-1	Water	10/19/2022	10/20/2022

General Notes for York Project (SDG) No.: 22J1090

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:** 11/01/2022

Cassie L. Mosher
Laboratory Manager

Sample Information

Client Sample ID: **MW-10** **York Sample ID:** **22J1090-01**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22J1090	15209 - 13-16 Beach channel Drive	Water	October 19, 2022 12:30 pm	10/20/2022

Analyzed by: Phoenix Environmental Labs, Inc.

SM5310B-14

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

Sample Prepared by Method: SM5310B-14

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
PHNX - TOC	**Total Organic Carbon**	**1.8**		mg/L	1.0	1.0	1	SM5310B-14	10/24/2022 15:00	10/24/2022 15:00	CT007
								Certifications:			

VOA, 8260 LOW MASTER

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

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/L	0.200	0.500	1	EPA 8260C	10/24/2022 06:31	10/24/2022 19:48	JTG
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
71-55-6	1,1,1-Trichloroethane	ND		ug/L	0.200	0.500	1	EPA 8260C	10/24/2022 06:31	10/24/2022 19:48	JTG
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.200	0.500	1	EPA 8260C	10/24/2022 06:31	10/24/2022 19:48	JTG
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/L	0.200	0.500	1	EPA 8260C	10/24/2022 06:31	10/24/2022 19:48	JTG
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.200	0.500	1	EPA 8260C	10/24/2022 06:31	10/24/2022 19:48	JTG
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
75-34-3	1,1-Dichloroethane	ND		ug/L	0.200	0.500	1	EPA 8260C	10/24/2022 06:31	10/24/2022 19:48	JTG
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.200	0.500	1	EPA 8260C	10/24/2022 06:31	10/24/2022 19:48	JTG
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	0.200	0.500	1	EPA 8260C	10/24/2022 06:31	10/24/2022 19:48	JTG
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
96-18-4	1,2,3-Trichloropropane	ND		ug/L	0.200	0.500	1	EPA 8260C	10/24/2022 06:31	10/24/2022 19:48	JTG
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.200	0.500	1	EPA 8260C	10/24/2022 06:31	10/24/2022 19:48	JTG
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	0.200	0.500	1	EPA 8260C	10/24/2022 06:31	10/24/2022 19:48	JTG
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.200	0.500	1	EPA 8260C	10/24/2022 06:31	10/24/2022 19:48	JTG
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
106-93-4	1,2-Dibromoethane	ND		ug/L	0.200	0.500	1	EPA 8260C	10/24/2022 06:31	10/24/2022 19:48	JTG
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.200	0.500	1	EPA 8260C	10/24/2022 06:31	10/24/2022 19:48	JTG
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
107-06-2	1,2-Dichloroethane	ND		ug/L	0.200	0.500	1	EPA 8260C	10/24/2022 06:31	10/24/2022 19:48	JTG
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
78-87-5	1,2-Dichloropropane	ND		ug/L	0.200	0.500	1	EPA 8260C	10/24/2022 06:31	10/24/2022 19:48	JTG
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	0.200	0.500	1	EPA 8260C	10/24/2022 06:31	10/24/2022 19:48	JTG
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		

Sample Information

Client Sample ID: **MW-10** **York Sample ID:** **22J1090-01**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22J1090	15209 - 13-16 Beach channel Drive	Water	October 19, 2022 12:30 pm	10/20/2022

VOA, 8260 LOW MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	10/24/2022 06:31	10/24/2022 19:48	JTG CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
142-28-9	1,3-Dichloropropane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	10/24/2022 06:31	10/24/2022 19:48	JTG NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	10/24/2022 06:31	10/24/2022 19:48	JTG CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
123-91-1	1,4-Dioxane	ND		ug/L	40.0	80.0	1	EPA 8260C Certifications:	10/24/2022 06:31	10/24/2022 19:48	JTG NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
78-93-3	2-Butanone	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	10/24/2022 06:31	10/24/2022 19:48	JTG CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
591-78-6	2-Hexanone	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	10/24/2022 06:31	10/24/2022 19:48	JTG CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
108-10-1	4-Methyl-2-pentanone	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	10/24/2022 06:31	10/24/2022 19:48	JTG CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
67-64-1	**Acetone**	**1.85**	ICVE, QL-02, J	ug/L	1.00	2.00	1	EPA 8260C Certifications:	10/24/2022 06:31	10/24/2022 19:48	JTG CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PA
107-02-8	Acrolein	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	10/24/2022 06:31	10/24/2022 19:48	JTG CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
107-13-1	Acrylonitrile	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	10/24/2022 06:31	10/24/2022 19:48	JTG CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
71-43-2	Benzene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	10/24/2022 06:31	10/24/2022 19:48	JTG CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
74-97-5	Bromochloromethane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	10/24/2022 06:31	10/24/2022 19:48	JTG NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
75-27-4	Bromodichloromethane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	10/24/2022 06:31	10/24/2022 19:48	JTG CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
75-25-2	Bromoform	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	10/24/2022 06:31	10/24/2022 19:48	JTG CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
74-83-9	Bromomethane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	10/24/2022 06:31	10/24/2022 19:48	JTG CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
75-15-0	Carbon disulfide	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	10/24/2022 06:31	10/24/2022 19:48	JTG CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
56-23-5	Carbon tetrachloride	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	10/24/2022 06:31	10/24/2022 19:48	JTG CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
108-90-7	Chlorobenzene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	10/24/2022 06:31	10/24/2022 19:48	JTG CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
75-00-3	Chloroethane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	10/24/2022 06:31	10/24/2022 19:48	JTG CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
67-66-3	**Chloroform**	**6.49**	B	ug/L	0.200	0.500	1	EPA 8260C Certifications:	10/24/2022 06:31	10/24/2022 19:48	JTG CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PA
74-87-3	**Chloromethane**	**0.520**		ug/L	0.200	0.500	1	EPA 8260C Certifications:	10/24/2022 06:31	10/24/2022 19:48	JTG CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PA
156-59-2	cis-1,2-Dichloroethylene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	10/24/2022 06:31	10/24/2022 19:48	JTG CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	10/24/2022 06:31	10/24/2022 19:48	JTG CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI

Sample Information

Client Sample ID: **MW-10** **York Sample ID:** **22J1090-01**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22J1090	15209 - 13-16 Beach channel Drive	Water	October 19, 2022 12:30 pm	10/20/2022

VOA, 8260 LOW MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
110-82-7	Cyclohexane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	10/24/2022 06:31 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/24/2022 19:48	JTG
124-48-1	Dibromochloromethane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	10/24/2022 06:31 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	10/24/2022 19:48	JTG
74-95-3	Dibromomethane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	10/24/2022 06:31 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/24/2022 19:48	JTG
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	10/24/2022 06:31 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/24/2022 19:48	JTG
100-41-4	Ethyl Benzene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	10/24/2022 06:31 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	10/24/2022 19:48	JTG
87-68-3	Hexachlorobutadiene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	10/24/2022 06:31 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/24/2022 19:48	JTG
98-82-8	Isopropylbenzene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	10/24/2022 06:31 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	10/24/2022 19:48	JTG
79-20-9	Methyl acetate	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	10/24/2022 06:31 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/24/2022 19:48	JTG
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	10/24/2022 06:31 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	10/24/2022 19:48	JTG
108-87-2	Methylcyclohexane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	10/24/2022 06:31 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/24/2022 19:48	JTG
75-09-2	Methylene chloride	ND		ug/L	1.00	2.00	1	EPA 8260C Certifications:	10/24/2022 06:31 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	10/24/2022 19:48	JTG
91-20-3	Naphthalene	ND		ug/L	1.00	2.00	1	EPA 8260C Certifications:	10/24/2022 06:31 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/24/2022 19:48	JTG
104-51-8	n-Butylbenzene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	10/24/2022 06:31 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	10/24/2022 19:48	JTG
103-65-1	n-Propylbenzene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	10/24/2022 06:31 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	10/24/2022 19:48	JTG
95-47-6	o-Xylene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	10/24/2022 06:31 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP	10/24/2022 19:48	JTG
179601-23-1	p- & m- Xylenes	ND		ug/L	0.500	1.00	1	EPA 8260C Certifications:	10/24/2022 06:31 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP	10/24/2022 19:48	JTG
105-05-5	* p-Diethylbenzene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	10/24/2022 06:31	10/24/2022 19:48	JTG
622-96-8	* p-Ethyltoluene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	10/24/2022 06:31	10/24/2022 19:48	JTG
99-87-6	p-Isopropyltoluene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	10/24/2022 06:31 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	10/24/2022 19:48	JTG
135-98-8	sec-Butylbenzene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	10/24/2022 06:31 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	10/24/2022 19:48	JTG
100-42-5	Styrene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	10/24/2022 06:31 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	10/24/2022 19:48	JTG
75-65-0	**tert-Butyl alcohol (TBA)**	**0.850**	ICVE, J	ug/L	0.500	1.00	1	EPA 8260C Certifications:	10/24/2022 06:31 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/24/2022 19:48	JTG
98-06-6	tert-Butylbenzene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	10/24/2022 06:31 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	10/24/2022 19:48	JTG

Sample Information

Client Sample ID: **MW-10** **York Sample ID:** **22J1090-01**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22J1090	15209 - 13-16 Beach channel Drive	Water	October 19, 2022 12:30 pm	10/20/2022

VOA, 8260 LOW MASTER

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

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
127-18-4	**Tetrachloroethylene**	**12.1**		ug/L	0.200	0.500	1	EPA 8260C	10/24/2022 06:31	10/24/2022 19:48	JTG
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PA		
108-88-3	Toluene	ND		ug/L	0.200	0.500	1	EPA 8260C	10/24/2022 06:31	10/24/2022 19:48	JTG
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.200	0.500	1	EPA 8260C	10/24/2022 06:31	10/24/2022 19:48	JTG
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.200	0.500	1	EPA 8260C	10/24/2022 06:31	10/24/2022 19:48	JTG
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
79-01-6	Trichloroethylene	ND		ug/L	0.200	0.500	1	EPA 8260C	10/24/2022 06:31	10/24/2022 19:48	JTG
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
75-69-4	Trichlorofluoromethane	ND		ug/L	0.200	0.500	1	EPA 8260C	10/24/2022 06:31	10/24/2022 19:48	JTG
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
75-01-4	Vinyl Chloride	ND		ug/L	0.200	0.500	1	EPA 8260C	10/24/2022 06:31	10/24/2022 19:48	JTG
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
1330-20-7	Xylenes, Total	ND		ug/L	0.600	1.50	1	EPA 8260C	10/24/2022 06:31	10/24/2022 19:48	JTG
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP		

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: SURR: 1,2-Dichloroethane-d4*	*121 %*	*69-130*
2037-26-5	*Surrogate: SURR: Toluene-d8*	*97.3 %*	*81-117*
460-00-4	*Surrogate: SURR: p-Bromofluorobenzene*	*111 %*	*79-122*

Methane, Ethane & Ethylene

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

Sample Prepared by Method: Preparation for GC Analysis

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
74-82-8	* Methane	ND		ug/L	10	1	GC/Headspace	10/29/2022 11:22	10/29/2022 12:05	SK
							Certifications:			
74-84-0	* Ethane	ND		ug/L	10	1	GC/Headspace	10/29/2022 11:22	10/29/2022 12:05	SK
							Certifications:			
74-85-1	* Ethylene (Ethene)	ND		ug/L	10	1	GC/Headspace	10/29/2022 11:22	10/29/2022 12:05	SK
							Certifications:			

Iron by EPA 6010

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

Sample Prepared by Method: EPA 3015A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-89-6	**Iron**	**0.325**		mg/L	0.278	1	EPA 6010D	10/27/2022 09:33	10/28/2022 12:34	AJL
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		

Iron, Dissolved by EPA 6010

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

Sample Information

Client Sample ID: MW-10 **York Sample ID:** 22J1090-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22J1090	15209 - 13-16 Beach channel Drive	Water	October 19, 2022 12:30 pm	10/20/2022

Sample Prepared by Method: EPA 3015A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-89-6	Iron	ND		mg/L	0.278	1	EPA 6010D	10/24/2022 09:16	10/25/2022 11:24	AJL
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		

Nitrate as N **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 300

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
14797-55-8	**Nitrate as N**	**2.28**		mg/L	0.0500	1	EPA 300.0	10/21/2022 01:01	10/21/2022 01:01	NJO
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP,PADEP		

Sulfate as SO4 **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 300

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
14808-79-8	**Sulfate**	**32.1**		mg/L	1.00	1	EPA 300.0	10/21/2022 01:01	10/21/2022 01:01	NJO
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP,PADEP		

Sulfide **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
18496-25-8	Sulfide	ND	CONT-01	mg/L	1.0	1	SM 4500-S F	10/26/2022 08:56	10/26/2022 14:02	AD
							Certifications:	CTDOH-PH-0723,NJDEP,NELAC-NY10854,PADEP		

Sample Information

Client Sample ID: MW-8S **York Sample ID:** 22J1090-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22J1090	15209 - 13-16 Beach channel Drive	Water	October 19, 2022 11:35 am	10/20/2022

Analyzed by: Phoenix Environmental Labs, Inc.

SM5310B-14 **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: SM5310B-14

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
PHNX - TOC	Total Organic Carbon	ND		mg/L	1.0	1.0	1	SM5310B-14	10/24/2022 15:44	10/24/2022 15:44	CT007
								Certifications:			

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

Sample Information

Client Sample ID: MW-8S

York Sample ID: 22J1090-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22J1090	15209 - 13-16 Beach channel Drive	Water	October 19, 2022 11:35 am	10/20/2022

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	0.200	0.500	1	EPA 8260C Certifications:	10/24/2022 06:31	10/24/2022 20:13 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	JTG
71-55-6	1,1,1-Trichloroethane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	10/24/2022 06:31	10/24/2022 20:13 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	JTG
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	10/24/2022 06:31	10/24/2022 20:13 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	JTG
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	10/24/2022 06:31	10/24/2022 20:13 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	JTG
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	10/24/2022 06:31	10/24/2022 20:13 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	JTG
75-34-3	1,1-Dichloroethane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	10/24/2022 06:31	10/24/2022 20:13 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	JTG
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	10/24/2022 06:31	10/24/2022 20:13 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	JTG
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	10/24/2022 06:31	10/24/2022 20:13 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	JTG
96-18-4	1,2,3-Trichloropropane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	10/24/2022 06:31	10/24/2022 20:13 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	JTG
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	10/24/2022 06:31	10/24/2022 20:13 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	JTG
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	10/24/2022 06:31	10/24/2022 20:13 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	JTG
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	10/24/2022 06:31	10/24/2022 20:13 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	JTG
106-93-4	1,2-Dibromoethane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	10/24/2022 06:31	10/24/2022 20:13 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	JTG
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	10/24/2022 06:31	10/24/2022 20:13 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	JTG
107-06-2	1,2-Dichloroethane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	10/24/2022 06:31	10/24/2022 20:13 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	JTG
78-87-5	1,2-Dichloropropane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	10/24/2022 06:31	10/24/2022 20:13 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	JTG
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	10/24/2022 06:31	10/24/2022 20:13 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	JTG
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	10/24/2022 06:31	10/24/2022 20:13 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	JTG
142-28-9	1,3-Dichloropropane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	10/24/2022 06:31	10/24/2022 20:13 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	JTG
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	10/24/2022 06:31	10/24/2022 20:13 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	JTG
123-91-1	1,4-Dioxane	ND		ug/L	40.0	80.0	1	EPA 8260C Certifications:	10/24/2022 06:31	10/24/2022 20:13 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	JTG
78-93-3	2-Butanone	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	10/24/2022 06:31	10/24/2022 20:13 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	JTG
591-78-6	2-Hexanone	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	10/24/2022 06:31	10/24/2022 20:13 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	JTG
108-10-1	4-Methyl-2-pentanone	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	10/24/2022 06:31	10/24/2022 20:13 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	JTG

Sample Information

Client Sample ID: **MW-8S** **York Sample ID:** **22J1090-02**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22J1090	15209 - 13-16 Beach channel Drive	Water	October 19, 2022 11:35 am	10/20/2022

VOA, 8260 LOW MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
67-64-1	**Acetone**	**1.29**	ICVE, QL-02, J	ug/L	1.00	2.00	1	EPA 8260C	10/24/2022 06:31	10/24/2022 20:13	JTG
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PA		
107-02-8	Acrolein	ND		ug/L	0.200	0.500	1	EPA 8260C	10/24/2022 06:31	10/24/2022 20:13	JTG
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
107-13-1	Acrylonitrile	ND		ug/L	0.200	0.500	1	EPA 8260C	10/24/2022 06:31	10/24/2022 20:13	JTG
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
71-43-2	Benzene	ND		ug/L	0.200	0.500	1	EPA 8260C	10/24/2022 06:31	10/24/2022 20:13	JTG
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
74-97-5	Bromochloromethane	ND		ug/L	0.200	0.500	1	EPA 8260C	10/24/2022 06:31	10/24/2022 20:13	JTG
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-27-4	Bromodichloromethane	ND		ug/L	0.200	0.500	1	EPA 8260C	10/24/2022 06:31	10/24/2022 20:13	JTG
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
75-25-2	Bromoform	ND		ug/L	0.200	0.500	1	EPA 8260C	10/24/2022 06:31	10/24/2022 20:13	JTG
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
74-83-9	Bromomethane	ND		ug/L	0.200	0.500	1	EPA 8260C	10/24/2022 06:31	10/24/2022 20:13	JTG
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
75-15-0	Carbon disulfide	ND		ug/L	0.200	0.500	1	EPA 8260C	10/24/2022 06:31	10/24/2022 20:13	JTG
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
56-23-5	Carbon tetrachloride	ND		ug/L	0.200	0.500	1	EPA 8260C	10/24/2022 06:31	10/24/2022 20:13	JTG
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
108-90-7	Chlorobenzene	ND		ug/L	0.200	0.500	1	EPA 8260C	10/24/2022 06:31	10/24/2022 20:13	JTG
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
75-00-3	Chloroethane	ND		ug/L	0.200	0.500	1	EPA 8260C	10/24/2022 06:31	10/24/2022 20:13	JTG
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
67-66-3	Chloroform	ND		ug/L	0.200	0.500	1	EPA 8260C	10/24/2022 06:31	10/24/2022 20:13	JTG
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
74-87-3	**Chloromethane**	**0.270**	J	ug/L	0.200	0.500	1	EPA 8260C	10/24/2022 06:31	10/24/2022 20:13	JTG
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PA		
156-59-2	cis-1,2-Dichloroethylene	ND		ug/L	0.200	0.500	1	EPA 8260C	10/24/2022 06:31	10/24/2022 20:13	JTG
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.200	0.500	1	EPA 8260C	10/24/2022 06:31	10/24/2022 20:13	JTG
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
110-82-7	Cyclohexane	ND		ug/L	0.200	0.500	1	EPA 8260C	10/24/2022 06:31	10/24/2022 20:13	JTG
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
124-48-1	Dibromochloromethane	ND		ug/L	0.200	0.500	1	EPA 8260C	10/24/2022 06:31	10/24/2022 20:13	JTG
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
74-95-3	Dibromomethane	ND		ug/L	0.200	0.500	1	EPA 8260C	10/24/2022 06:31	10/24/2022 20:13	JTG
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.200	0.500	1	EPA 8260C	10/24/2022 06:31	10/24/2022 20:13	JTG
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
100-41-4	Ethyl Benzene	ND		ug/L	0.200	0.500	1	EPA 8260C	10/24/2022 06:31	10/24/2022 20:13	JTG
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
87-68-3	Hexachlorobutadiene	ND		ug/L	0.200	0.500	1	EPA 8260C	10/24/2022 06:31	10/24/2022 20:13	JTG
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
98-82-8	Isopropylbenzene	ND		ug/L	0.200	0.500	1	EPA 8260C	10/24/2022 06:31	10/24/2022 20:13	JTG
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		

Sample Information

Client Sample ID: **MW-8S** **York Sample ID:** **22J1090-02**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22J1090	15209 - 13-16 Beach channel Drive	Water	October 19, 2022 11:35 am	10/20/2022

VOA, 8260 LOW MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
79-20-9	Methyl acetate	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	10/24/2022 06:31 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/24/2022 20:13	JTG
1634-04-4	**Methyl tert-butyl ether (MTBE)**	**0.270**	J	ug/L	0.200	0.500	1	EPA 8260C Certifications:	10/24/2022 06:31 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PA	10/24/2022 20:13	JTG
108-87-2	Methylcyclohexane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	10/24/2022 06:31 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/24/2022 20:13	JTG
75-09-2	Methylene chloride	ND		ug/L	1.00	2.00	1	EPA 8260C Certifications:	10/24/2022 06:31 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	10/24/2022 20:13	JTG
91-20-3	Naphthalene	ND		ug/L	1.00	2.00	1	EPA 8260C Certifications:	10/24/2022 06:31 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/24/2022 20:13	JTG
104-51-8	n-Butylbenzene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	10/24/2022 06:31 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	10/24/2022 20:13	JTG
103-65-1	n-Propylbenzene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	10/24/2022 06:31 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	10/24/2022 20:13	JTG
95-47-6	o-Xylene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	10/24/2022 06:31 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP	10/24/2022 20:13	JTG
179601-23-1	p- & m- Xylenes	ND		ug/L	0.500	1.00	1	EPA 8260C Certifications:	10/24/2022 06:31 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP	10/24/2022 20:13	JTG
105-05-5	* p-Diethylbenzene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	10/24/2022 06:31	10/24/2022 20:13	JTG
622-96-8	* p-Ethyltoluene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	10/24/2022 06:31	10/24/2022 20:13	JTG
99-87-6	p-Isopropyltoluene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	10/24/2022 06:31 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	10/24/2022 20:13	JTG
135-98-8	sec-Butylbenzene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	10/24/2022 06:31 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	10/24/2022 20:13	JTG
100-42-5	Styrene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	10/24/2022 06:31 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	10/24/2022 20:13	JTG
75-65-0	tert-Butyl alcohol (TBA)	ND		ug/L	0.500	1.00	1	EPA 8260C Certifications:	10/24/2022 06:31 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/24/2022 20:13	JTG
98-06-6	tert-Butylbenzene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	10/24/2022 06:31 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	10/24/2022 20:13	JTG
127-18-4	**Tetrachloroethylene**	**0.900**		ug/L	0.200	0.500	1	EPA 8260C Certifications:	10/24/2022 06:31 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PA	10/24/2022 20:13	JTG
108-88-3	Toluene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	10/24/2022 06:31 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	10/24/2022 20:13	JTG
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	10/24/2022 06:31 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	10/24/2022 20:13	JTG
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	10/24/2022 06:31 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	10/24/2022 20:13	JTG
79-01-6	Trichloroethylene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	10/24/2022 06:31 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	10/24/2022 20:13	JTG
75-69-4	Trichlorofluoromethane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	10/24/2022 06:31 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	10/24/2022 20:13	JTG
75-01-4	Vinyl Chloride	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	10/24/2022 06:31 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	10/24/2022 20:13	JTG

Sample Information

Client Sample ID: **MW-8S** **York Sample ID:** **22J1090-02**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22J1090	15209 - 13-16 Beach channel Drive	Water	October 19, 2022 11:35 am	10/20/2022

VOA, 8260 LOW MASTER

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

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
1330-20-7	Xylenes, Total	ND		ug/L	0.600	1.50	1	EPA 8260C Certifications:	10/24/2022 06:31 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP	10/24/2022 20:13	JTG

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: SURR: 1,2-Dichloroethane-d4*	*117 %*	*69-130*
2037-26-5	*Surrogate: SURR: Toluene-d8*	*96.7 %*	*81-117*
460-00-4	*Surrogate: SURR: p-Bromofluorobenzene*	*103 %*	*79-122*

Methane, Ethane & Ethylene

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

Sample Prepared by Method: Preparation for GC Analysis

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
74-82-8	* Methane	ND		ug/L	10	1	GC/Headspace Certifications:	10/29/2022 11:22	10/29/2022 12:15	SK
74-84-0	* Ethane	ND		ug/L	10	1	GC/Headspace Certifications:	10/29/2022 11:22	10/29/2022 12:15	SK
74-85-1	* Ethylene (Ethene)	ND		ug/L	10	1	GC/Headspace Certifications:	10/29/2022 11:22	10/29/2022 12:15	SK

Iron by EPA 6010

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

Sample Prepared by Method: EPA 3015A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-89-6	**Iron**	**0.318**		mg/L	0.278	1	EPA 6010D Certifications:	10/27/2022 09:33 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	10/28/2022 12:37	AJL

Iron, Dissolved by EPA 6010

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

Sample Prepared by Method: EPA 3015A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-89-6	Iron	ND		mg/L	0.278	1	EPA 6010D Certifications:	10/24/2022 09:16 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	10/25/2022 11:32	AJL

Nitrate as N

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

Sample Prepared by Method: EPA 300

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
14797-55-8	**Nitrate as N**	**2.84**		mg/L	0.0500	1	EPA 300.0 Certifications:	10/21/2022 00:41 NELAC-NY10854,CTDOH-PH-0723,NJDEP,PADEP	10/21/2022 00:41	NJO

Sulfate as SO4

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

Sample Information

Client Sample ID: MW-8S **York Sample ID:** 22J1090-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22J1090	15209 - 13-16 Beach channel Drive	Water	October 19, 2022 11:35 am	10/20/2022

Sample Prepared by Method: EPA 300

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
14808-79-8	**Sulfate**	**150**		mg/L	10.0	10	EPA 300.0	10/24/2022 21:05	10/24/2022 21:05	NJO
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP,PADEP		

Sulfide **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
18496-25-8	Sulfide	ND	CONT-01	mg/L	1.0	1	SM 4500-S F	10/26/2022 08:56	10/26/2022 14:02	AD
							Certifications:	CTDOH-PH-0723,NJDEP,NELAC-NY10854,PADEP		

Sample Information

Client Sample ID: MW-7I **York Sample ID:** 22J1090-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22J1090	15209 - 13-16 Beach channel Drive	Water	October 19, 2022 10:25 am	10/20/2022

Analyzed by: Phoenix Environmental Labs, Inc.

SM5310B-14 **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: SM5310B-14

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
PHNX - TOC	**Total Organic Carbon**	**8.9**		mg/L	5.0	5.0	5	SM5310B-14	10/24/2022 15:59	10/24/2022 15:59	CT007
								Certifications:			

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

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/L	0.200	0.500	1	EPA 8260C	10/24/2022 06:31	10/24/2022 20:38	JTG
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
71-55-6	1,1,1-Trichloroethane	ND		ug/L	0.200	0.500	1	EPA 8260C	10/24/2022 06:31	10/24/2022 20:38	JTG
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.200	0.500	1	EPA 8260C	10/24/2022 06:31	10/24/2022 20:38	JTG
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/L	0.200	0.500	1	EPA 8260C	10/24/2022 06:31	10/24/2022 20:38	JTG
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.200	0.500	1	EPA 8260C	10/24/2022 06:31	10/24/2022 20:38	JTG
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
75-34-3	1,1-Dichloroethane	ND		ug/L	0.200	0.500	1	EPA 8260C	10/24/2022 06:31	10/24/2022 20:38	JTG
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		

Sample Information

Client Sample ID: MW-7I

York Sample ID: 22J1090-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22J1090	15209 - 13-16 Beach channel Drive	Water	October 19, 2022 10:25 am	10/20/2022

VOA, 8260 LOW MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	10/24/2022 06:31	10/24/2022 20:38 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	JTG
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	10/24/2022 06:31	10/24/2022 20:38 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	JTG
96-18-4	1,2,3-Trichloropropane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	10/24/2022 06:31	10/24/2022 20:38 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	JTG
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	10/24/2022 06:31	10/24/2022 20:38 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	JTG
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	10/24/2022 06:31	10/24/2022 20:38 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	JTG
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	10/24/2022 06:31	10/24/2022 20:38 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	JTG
106-93-4	1,2-Dibromoethane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	10/24/2022 06:31	10/24/2022 20:38 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	JTG
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	10/24/2022 06:31	10/24/2022 20:38 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	JTG
107-06-2	1,2-Dichloroethane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	10/24/2022 06:31	10/24/2022 20:38 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	JTG
78-87-5	1,2-Dichloropropane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	10/24/2022 06:31	10/24/2022 20:38 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	JTG
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	10/24/2022 06:31	10/24/2022 20:38 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	JTG
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	10/24/2022 06:31	10/24/2022 20:38 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	JTG
142-28-9	1,3-Dichloropropane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	10/24/2022 06:31	10/24/2022 20:38 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	JTG
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	10/24/2022 06:31	10/24/2022 20:38 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	JTG
123-91-1	1,4-Dioxane	ND		ug/L	40.0	80.0	1	EPA 8260C Certifications:	10/24/2022 06:31	10/24/2022 20:38 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	JTG
78-93-3	**2-Butanone**	**1.74**		ug/L	0.200	0.500	1	EPA 8260C Certifications:	10/24/2022 06:31	10/24/2022 20:38 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PA	JTG
591-78-6	2-Hexanone	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	10/24/2022 06:31	10/24/2022 20:38 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	JTG
108-10-1	4-Methyl-2-pentanone	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	10/24/2022 06:31	10/24/2022 20:38 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	JTG
67-64-1	**Acetone**	**8.47**	ICVE, QL-02	ug/L	1.00	2.00	1	EPA 8260C Certifications:	10/24/2022 06:31	10/24/2022 20:38 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PA	JTG
107-02-8	Acrolein	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	10/24/2022 06:31	10/24/2022 20:38 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	JTG
107-13-1	Acrylonitrile	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	10/24/2022 06:31	10/24/2022 20:38 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	JTG
71-43-2	**Benzene**	**0.870**		ug/L	0.200	0.500	1	EPA 8260C Certifications:	10/24/2022 06:31	10/24/2022 20:38 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PA	JTG
74-97-5	Bromochloromethane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	10/24/2022 06:31	10/24/2022 20:38 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	JTG

Sample Information

Client Sample ID: MW-7I

York Sample ID: 22J1090-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22J1090	15209 - 13-16 Beach channel Drive	Water	October 19, 2022 10:25 am	10/20/2022

VOA, 8260 LOW MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
75-27-4	Bromodichloromethane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	10/24/2022 06:31 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	10/24/2022 20:38	JTG
75-25-2	Bromoform	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	10/24/2022 06:31 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	10/24/2022 20:38	JTG
74-83-9	Bromomethane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	10/24/2022 06:31 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	10/24/2022 20:38	JTG
75-15-0	**Carbon disulfide**	**0.730**		ug/L	0.200	0.500	1	EPA 8260C Certifications:	10/24/2022 06:31 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PA	10/24/2022 20:38	JTG
56-23-5	Carbon tetrachloride	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	10/24/2022 06:31 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	10/24/2022 20:38	JTG
108-90-7	Chlorobenzene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	10/24/2022 06:31 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	10/24/2022 20:38	JTG
75-00-3	**Chloroethane**	**0.440**	J	ug/L	0.200	0.500	1	EPA 8260C Certifications:	10/24/2022 06:31 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PA	10/24/2022 20:38	JTG
67-66-3	**Chloroform**	**1.03**	B	ug/L	0.200	0.500	1	EPA 8260C Certifications:	10/24/2022 06:31 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PA	10/24/2022 20:38	JTG
74-87-3	**Chloromethane**	**2.48**		ug/L	0.200	0.500	1	EPA 8260C Certifications:	10/24/2022 06:31 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PA	10/24/2022 20:38	JTG
156-59-2	**cis-1,2-Dichloroethylene**	**1.13**		ug/L	0.200	0.500	1	EPA 8260C Certifications:	10/24/2022 06:31 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PA	10/24/2022 20:38	JTG
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	10/24/2022 06:31 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	10/24/2022 20:38	JTG
110-82-7	Cyclohexane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	10/24/2022 06:31 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/24/2022 20:38	JTG
124-48-1	Dibromochloromethane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	10/24/2022 06:31 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	10/24/2022 20:38	JTG
74-95-3	Dibromomethane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	10/24/2022 06:31 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/24/2022 20:38	JTG
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	10/24/2022 06:31 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/24/2022 20:38	JTG
100-41-4	Ethyl Benzene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	10/24/2022 06:31 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	10/24/2022 20:38	JTG
87-68-3	Hexachlorobutadiene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	10/24/2022 06:31 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/24/2022 20:38	JTG
98-82-8	Isopropylbenzene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	10/24/2022 06:31 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	10/24/2022 20:38	JTG
79-20-9	Methyl acetate	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	10/24/2022 06:31 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/24/2022 20:38	JTG
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	10/24/2022 06:31 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	10/24/2022 20:38	JTG
108-87-2	Methylcyclohexane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	10/24/2022 06:31 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/24/2022 20:38	JTG
75-09-2	Methylene chloride	ND		ug/L	1.00	2.00	1	EPA 8260C Certifications:	10/24/2022 06:31 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	10/24/2022 20:38	JTG
91-20-3	Naphthalene	ND		ug/L	1.00	2.00	1	EPA 8260C Certifications:	10/24/2022 06:31 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/24/2022 20:38	JTG

Sample Information

Client Sample ID: MW-7I

York Sample ID: 22J1090-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22J1090	15209 - 13-16 Beach channel Drive	Water	October 19, 2022 10:25 am	10/20/2022

VOA, 8260 LOW MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
104-51-8	n-Butylbenzene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	10/24/2022 06:31 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	10/24/2022 20:38	JTG
103-65-1	n-Propylbenzene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	10/24/2022 06:31 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	10/24/2022 20:38	JTG
95-47-6	o-Xylene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	10/24/2022 06:31 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP	10/24/2022 20:38	JTG
179601-23-1	p- & m- Xylenes	ND		ug/L	0.500	1.00	1	EPA 8260C Certifications:	10/24/2022 06:31 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP	10/24/2022 20:38	JTG
105-05-5	* p-Diethylbenzene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	10/24/2022 06:31	10/24/2022 20:38	JTG
622-96-8	* p-Ethyltoluene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	10/24/2022 06:31	10/24/2022 20:38	JTG
99-87-6	**p-Isopropyltoluene**	**0.600**		ug/L	0.200	0.500	1	EPA 8260C Certifications:	10/24/2022 06:31 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PA	10/24/2022 20:38	JTG
135-98-8	sec-Butylbenzene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	10/24/2022 06:31 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	10/24/2022 20:38	JTG
100-42-5	Styrene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	10/24/2022 06:31 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	10/24/2022 20:38	JTG
75-65-0	**tert-Butyl alcohol (TBA)**	**3.86**	ICVE	ug/L	0.500	1.00	1	EPA 8260C Certifications:	10/24/2022 06:31 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/24/2022 20:38	JTG
98-06-6	tert-Butylbenzene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	10/24/2022 06:31 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	10/24/2022 20:38	JTG
127-18-4	**Tetrachloroethylene**	**5.22**		ug/L	0.200	0.500	1	EPA 8260C Certifications:	10/24/2022 06:31 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PA	10/24/2022 20:38	JTG
108-88-3	**Toluene**	**0.330**	J	ug/L	0.200	0.500	1	EPA 8260C Certifications:	10/24/2022 06:31 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PA	10/24/2022 20:38	JTG
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	10/24/2022 06:31 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	10/24/2022 20:38	JTG
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	10/24/2022 06:31 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	10/24/2022 20:38	JTG
79-01-6	**Trichloroethylene**	**0.310**	J	ug/L	0.200	0.500	1	EPA 8260C Certifications:	10/24/2022 06:31 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PA	10/24/2022 20:38	JTG
75-69-4	Trichlorofluoromethane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	10/24/2022 06:31 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	10/24/2022 20:38	JTG
75-01-4	**Vinyl Chloride**	**0.500**	CCVE	ug/L	0.200	0.500	1	EPA 8260C Certifications:	10/24/2022 06:31 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PA	10/24/2022 20:38	JTG
1330-20-7	Xylenes, Total	ND		ug/L	0.600	1.50	1	EPA 8260C Certifications:	10/24/2022 06:31 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP	10/24/2022 20:38	JTG

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: SURR: 1,2-Dichloroethane-d4*	*120 %*	*69-130*
2037-26-5	*Surrogate: SURR: Toluene-d8*	*97.5 %*	*81-117*
460-00-4	*Surrogate: SURR: p-Bromofluorobenzene*	*101 %*	*79-122*

Sample Information

Client Sample ID: MW-7I

York Sample ID: 22J1090-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22J1090	15209 - 13-16 Beach channel Drive	Water	October 19, 2022 10:25 am	10/20/2022

Methane, Ethane & Ethylene

Log-in Notes:

Sample Notes:

Sample Prepared by Method: Preparation for GC Analysis

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
74-82-8	* Methane	ND		ug/L	10	1	GC/Headspace Certifications:	10/29/2022 11:22	10/29/2022 12:24	SK
74-84-0	* Ethane	ND		ug/L	10	1	GC/Headspace Certifications:	10/29/2022 11:22	10/29/2022 12:24	SK
74-85-1	* Ethylene (Ethene)	ND		ug/L	10	1	GC/Headspace Certifications:	10/29/2022 11:22	10/29/2022 12:24	SK

Iron by EPA 6010

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3015A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-89-6	**Iron**	**6.90**		mg/L	0.278	1	EPA 6010D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	10/27/2022 09:33	10/28/2022 12:39	AJL

Iron, Dissolved by EPA 6010

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3015A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-89-6	Iron	ND		mg/L	0.278	1	EPA 6010D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	10/24/2022 09:16	10/25/2022 11:35	AJL

Nitrate as N

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 300

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
14797-55-8	**Nitrate as N**	**0.153**		mg/L	0.0500	1	EPA 300.0 Certifications: NELAC-NY10854,CTDOH-PH-0723,NJDEP,PADEP	10/20/2022 23:52	10/20/2022 23:52	NJO

Sulfate as SO4

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 300

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
14808-79-8	**Sulfate**	**21.0**		mg/L	1.00	1	EPA 300.0 Certifications: NELAC-NY10854,CTDOH-PH-0723,NJDEP,PADEP	10/20/2022 23:52	10/20/2022 23:52	NJO

Sulfide

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
18496-25-8	Sulfide	ND	CONT-01	mg/L	1.0	1	SM 4500-S F Certifications: CTDOH-PH-0723,NJDEP,NELAC-NY10854,PADEP	10/26/2022 08:56	10/26/2022 14:02	AD

Sample Information

Client Sample ID: MW-1 **York Sample ID:** 22J1090-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22J1090	15209 - 13-16 Beach channel Drive	Water	October 19, 2022 8:55 am	10/20/2022

Analyzed by: Phoenix Environmental Labs, Inc.

SM5310B-14

Log-in Notes:

Sample Notes:

Sample Prepared by Method: SM5310B-14

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
PHNX - TOC	Total Organic Carbon	ND		mg/L	1.0	1.0	1	SM5310B-14 Certifications:	10/24/2022 16:14	10/24/2022 16:14	CT007

VOA, 8260 LOW MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	10/24/2022 06:31	10/24/2022 21:03	JTG CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
71-55-6	1,1,1-Trichloroethane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	10/24/2022 06:31	10/24/2022 21:03	JTG CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	10/24/2022 06:31	10/24/2022 21:03	JTG CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	10/24/2022 06:31	10/24/2022 21:03	JTG CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	10/24/2022 06:31	10/24/2022 21:03	JTG CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
75-34-3	1,1-Dichloroethane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	10/24/2022 06:31	10/24/2022 21:03	JTG CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	10/24/2022 06:31	10/24/2022 21:03	JTG CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	10/24/2022 06:31	10/24/2022 21:03	JTG NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
96-18-4	1,2,3-Trichloropropane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	10/24/2022 06:31	10/24/2022 21:03	JTG NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	10/24/2022 06:31	10/24/2022 21:03	JTG NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	10/24/2022 06:31	10/24/2022 21:03	JTG CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	10/24/2022 06:31	10/24/2022 21:03	JTG CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
106-93-4	1,2-Dibromoethane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	10/24/2022 06:31	10/24/2022 21:03	JTG CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	10/24/2022 06:31	10/24/2022 21:03	JTG CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
107-06-2	1,2-Dichloroethane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	10/24/2022 06:31	10/24/2022 21:03	JTG CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
78-87-5	1,2-Dichloropropane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	10/24/2022 06:31	10/24/2022 21:03	JTG CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	10/24/2022 06:31	10/24/2022 21:03	JTG CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI

Sample Information

Client Sample ID: **MW-1** **York Sample ID:** **22J1090-04**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22J1090	15209 - 13-16 Beach channel Drive	Water	October 19, 2022 8:55 am	10/20/2022

VOA, 8260 LOW MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	10/24/2022 06:31	10/24/2022 21:03	JTG CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
142-28-9	1,3-Dichloropropane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	10/24/2022 06:31	10/24/2022 21:03	JTG NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	10/24/2022 06:31	10/24/2022 21:03	JTG CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
123-91-1	1,4-Dioxane	ND		ug/L	40.0	80.0	1	EPA 8260C Certifications:	10/24/2022 06:31	10/24/2022 21:03	JTG NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
78-93-3	2-Butanone	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	10/24/2022 06:31	10/24/2022 21:03	JTG CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
591-78-6	2-Hexanone	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	10/24/2022 06:31	10/24/2022 21:03	JTG CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
108-10-1	4-Methyl-2-pentanone	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	10/24/2022 06:31	10/24/2022 21:03	JTG CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
67-64-1	Acetone	ND		ug/L	1.00	2.00	1	EPA 8260C Certifications:	10/24/2022 06:31	10/24/2022 21:03	JTG CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
107-02-8	Acrolein	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	10/24/2022 06:31	10/24/2022 21:03	JTG CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
107-13-1	Acrylonitrile	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	10/24/2022 06:31	10/24/2022 21:03	JTG CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
71-43-2	Benzene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	10/24/2022 06:31	10/24/2022 21:03	JTG CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
74-97-5	Bromochloromethane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	10/24/2022 06:31	10/24/2022 21:03	JTG NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
75-27-4	Bromodichloromethane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	10/24/2022 06:31	10/24/2022 21:03	JTG CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
75-25-2	Bromoform	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	10/24/2022 06:31	10/24/2022 21:03	JTG CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
74-83-9	Bromomethane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	10/24/2022 06:31	10/24/2022 21:03	JTG CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
75-15-0	Carbon disulfide	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	10/24/2022 06:31	10/24/2022 21:03	JTG CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
56-23-5	Carbon tetrachloride	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	10/24/2022 06:31	10/24/2022 21:03	JTG CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
108-90-7	Chlorobenzene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	10/24/2022 06:31	10/24/2022 21:03	JTG CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
75-00-3	Chloroethane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	10/24/2022 06:31	10/24/2022 21:03	JTG CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
67-66-3	**Chloroform**	**0.730**	B	ug/L	0.200	0.500	1	EPA 8260C Certifications:	10/24/2022 06:31	10/24/2022 21:03	JTG CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PA
74-87-3	Chloromethane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	10/24/2022 06:31	10/24/2022 21:03	JTG CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
156-59-2	cis-1,2-Dichloroethylene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	10/24/2022 06:31	10/24/2022 21:03	JTG CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	10/24/2022 06:31	10/24/2022 21:03	JTG CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI

Sample Information

Client Sample ID: MW-1 **York Sample ID:** 22J1090-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22J1090	15209 - 13-16 Beach channel Drive	Water	October 19, 2022 8:55 am	10/20/2022

VOA, 8260 LOW MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
110-82-7	Cyclohexane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	10/24/2022 06:31 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/24/2022 21:03	JTG
124-48-1	Dibromochloromethane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	10/24/2022 06:31 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	10/24/2022 21:03	JTG
74-95-3	Dibromomethane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	10/24/2022 06:31 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/24/2022 21:03	JTG
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	10/24/2022 06:31 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/24/2022 21:03	JTG
100-41-4	Ethyl Benzene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	10/24/2022 06:31 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	10/24/2022 21:03	JTG
87-68-3	Hexachlorobutadiene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	10/24/2022 06:31 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/24/2022 21:03	JTG
98-82-8	Isopropylbenzene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	10/24/2022 06:31 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	10/24/2022 21:03	JTG
79-20-9	Methyl acetate	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	10/24/2022 06:31 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/24/2022 21:03	JTG
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	10/24/2022 06:31 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	10/24/2022 21:03	JTG
108-87-2	Methylcyclohexane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	10/24/2022 06:31 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/24/2022 21:03	JTG
75-09-2	Methylene chloride	ND		ug/L	1.00	2.00	1	EPA 8260C Certifications:	10/24/2022 06:31 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	10/24/2022 21:03	JTG
91-20-3	Naphthalene	ND		ug/L	1.00	2.00	1	EPA 8260C Certifications:	10/24/2022 06:31 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/24/2022 21:03	JTG
104-51-8	n-Butylbenzene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	10/24/2022 06:31 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	10/24/2022 21:03	JTG
103-65-1	n-Propylbenzene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	10/24/2022 06:31 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	10/24/2022 21:03	JTG
95-47-6	o-Xylene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	10/24/2022 06:31 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP	10/24/2022 21:03	JTG
179601-23-1	p- & m- Xylenes	ND		ug/L	0.500	1.00	1	EPA 8260C Certifications:	10/24/2022 06:31 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP	10/24/2022 21:03	JTG
105-05-5	* p-Diethylbenzene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	10/24/2022 06:31	10/24/2022 21:03	JTG
622-96-8	* p-Ethyltoluene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	10/24/2022 06:31	10/24/2022 21:03	JTG
99-87-6	p-Isopropyltoluene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	10/24/2022 06:31 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	10/24/2022 21:03	JTG
135-98-8	sec-Butylbenzene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	10/24/2022 06:31 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	10/24/2022 21:03	JTG
100-42-5	Styrene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	10/24/2022 06:31 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	10/24/2022 21:03	JTG
75-65-0	tert-Butyl alcohol (TBA)	ND		ug/L	0.500	1.00	1	EPA 8260C Certifications:	10/24/2022 06:31 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/24/2022 21:03	JTG
98-06-6	tert-Butylbenzene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	10/24/2022 06:31 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	10/24/2022 21:03	JTG

Sample Information

Client Sample ID: MW-1 **York Sample ID:** 22J1090-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22J1090	15209 - 13-16 Beach channel Drive	Water	October 19, 2022 8:55 am	10/20/2022

VOA, 8260 LOW MASTER

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

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
127-18-4	**Tetrachloroethylene**	**0.310**	J	ug/L	0.200	0.500	1	EPA 8260C	10/24/2022 06:31	10/24/2022 21:03	JTG
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PA		
108-88-3	Toluene	ND		ug/L	0.200	0.500	1	EPA 8260C	10/24/2022 06:31	10/24/2022 21:03	JTG
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.200	0.500	1	EPA 8260C	10/24/2022 06:31	10/24/2022 21:03	JTG
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.200	0.500	1	EPA 8260C	10/24/2022 06:31	10/24/2022 21:03	JTG
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
79-01-6	Trichloroethylene	ND		ug/L	0.200	0.500	1	EPA 8260C	10/24/2022 06:31	10/24/2022 21:03	JTG
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
75-69-4	Trichlorofluoromethane	ND		ug/L	0.200	0.500	1	EPA 8260C	10/24/2022 06:31	10/24/2022 21:03	JTG
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
75-01-4	Vinyl Chloride	ND		ug/L	0.200	0.500	1	EPA 8260C	10/24/2022 06:31	10/24/2022 21:03	JTG
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
1330-20-7	Xylenes, Total	ND		ug/L	0.600	1.50	1	EPA 8260C	10/24/2022 06:31	10/24/2022 21:03	JTG
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP		

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: SURR: 1,2-Dichloroethane-d4*	*117 %*	*69-130*
2037-26-5	*Surrogate: SURR: Toluene-d8*	*97.4 %*	*81-117*
460-00-4	*Surrogate: SURR: p-Bromofluorobenzene*	*111 %*	*79-122*

Methane, Ethane & Ethylene

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

Sample Prepared by Method: Preparation for GC Analysis

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
74-82-8	* Methane	ND		ug/L	10	1	GC/Headspace	10/29/2022 11:22	10/29/2022 12:33	SK
							Certifications:			
74-84-0	* Ethane	ND		ug/L	10	1	GC/Headspace	10/29/2022 11:22	10/29/2022 12:33	SK
							Certifications:			
74-85-1	* Ethylene (Ethene)	ND		ug/L	10	1	GC/Headspace	10/29/2022 11:22	10/29/2022 12:33	SK
							Certifications:			

Iron by EPA 6010

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

Sample Prepared by Method: EPA 3015A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-89-6	Iron	ND		mg/L	0.278	1	EPA 6010D	10/28/2022 11:55	11/01/2022 14:18	AJL
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		

Iron, Dissolved by EPA 6010

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

Sample Prepared by Method: EPA 3015A

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

Sample Information

Client Sample ID: MW-1 **York Sample ID:** 22J1090-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22J1090	15209 - 13-16 Beach channel Drive	Water	October 19, 2022 8:55 am	10/20/2022

7439-89-6	Iron	ND	mg/L	0.278	1	EPA 6010D	10/28/2022 12:27	10/31/2022 14:03	AJL
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		

Nitrate as N

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 300

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
14797-55-8	**Nitrate as N**	**16.4**	HT-01R	mg/L	0.500	10	EPA 300.0	10/24/2022 21:15	10/24/2022 21:15	NJO
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP,PADEP		

Sulfate as SO4

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 300

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
14808-79-8	**Sulfate**	**60.7**		mg/L	10.0	10	EPA 300.0	10/24/2022 21:15	10/24/2022 21:15	NJO
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP,PADEP		

Sulfide

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
18496-25-8	Sulfide	ND	CONT-01	mg/L	1.0	1	SM 4500-S F	10/26/2022 08:56	10/26/2022 14:02	AD
							Certifications:	CTDOH-PH-0723,NJDEP,NELAC-NY10854,PADEP		

Analytical Batch Summary

Batch ID: 10/24/2022 3:00:07 PM **Preparation Method:** SM5310B-14 **Prepared By:**

YORK Sample ID	Client Sample ID	Preparation Date
22J1090-01	MW-10	10/24/22
22J1090-02	MW-8S	10/24/22
22J1090-03	MW-7I	10/24/22
22J1090-04	MW-1	10/24/22

Batch ID: BJ21281 **Preparation Method:** EPA 300 **Prepared By:** NJO

YORK Sample ID	Client Sample ID	Preparation Date
22J1090-01	MW-10	10/21/22
22J1090-02	MW-8S	10/21/22
22J1090-03	MW-7I	10/20/22
BJ21281-BLK1	Blank	10/20/22
BJ21281-BS1	LCS	10/20/22
BJ21281-MS2	Matrix Spike	10/20/22

Batch ID: BJ21346 **Preparation Method:** EPA 3015A **Prepared By:** cw

YORK Sample ID	Client Sample ID	Preparation Date
22J1090-01	MW-10	10/24/22
22J1090-02	MW-8S	10/24/22
22J1090-03	MW-7I	10/24/22
BJ21346-BLK1	Blank	10/24/22
BJ21346-BS1	LCS	10/24/22
BJ21346-DUP1	Duplicate	10/24/22
BJ21346-MS1	Matrix Spike	10/24/22
BJ21346-PS1	Post Spike	10/24/22

Batch ID: BJ21409 **Preparation Method:** EPA 5030B **Prepared By:** JTG

YORK Sample ID	Client Sample ID	Preparation Date
22J1090-01	MW-10	10/24/22
22J1090-02	MW-8S	10/24/22
22J1090-03	MW-7I	10/24/22
22J1090-04	MW-1	10/24/22
BJ21409-BLK1	Blank	10/24/22
BJ21409-BS1	LCS	10/24/22
BJ21409-BSD1	LCS Dup	10/24/22

Batch ID: BJ21467 **Preparation Method:** EPA 300 **Prepared By:** NJO

YORK Sample ID	Client Sample ID	Preparation Date
22J1090-02	MW-8S	10/24/22
22J1090-04	MW-1	10/24/22

BJ21467-BLK1	Blank	10/24/22
BJ21467-BS1	LCS	10/24/22
BJ21467-DUP1	Duplicate	10/24/22
BJ21467-MS1	Matrix Spike	10/24/22

Batch ID: BJ21506 **Preparation Method:** Analysis Preparation **Prepared By:** AD

YORK Sample ID	Client Sample ID	Preparation Date
22J1090-01	MW-10	10/26/22
22J1090-02	MW-8S	10/26/22
22J1090-03	MW-7I	10/26/22
22J1090-04	MW-1	10/26/22
BJ21506-BLK1	Blank	10/26/22
BJ21506-BS1	LCS	10/26/22
BJ21506-DUP1	Duplicate	10/26/22

Batch ID: BJ21601 **Preparation Method:** EPA 3015A **Prepared By:** cw

YORK Sample ID	Client Sample ID	Preparation Date
22J1090-01	MW-10	10/27/22
22J1090-02	MW-8S	10/27/22
22J1090-03	MW-7I	10/27/22
BJ21601-BLK1	Blank	10/27/22
BJ21601-BS1	LCS	10/27/22
BJ21601-DUP1	Duplicate	10/27/22
BJ21601-MS1	Matrix Spike	10/27/22
BJ21601-PS1	Post Spike	10/27/22

Batch ID: BJ21691 **Preparation Method:** EPA 3015A **Prepared By:** cw

YORK Sample ID	Client Sample ID	Preparation Date
22J1090-04	MW-1	10/28/22
BJ21691-BLK1	Blank	10/28/22
BJ21691-BS1	LCS	10/28/22
BJ21691-DUP1	Duplicate	10/28/22
BJ21691-MS1	Matrix Spike	10/28/22
BJ21691-PS1	Post Spike	10/28/22

Batch ID: BJ21695 **Preparation Method:** EPA 3015A **Prepared By:** cw

YORK Sample ID	Client Sample ID	Preparation Date
22J1090-04	MW-1	10/28/22
BJ21695-BLK1	Blank	10/28/22
BJ21695-BS1	LCS	10/28/22
BJ21695-DUP1	Duplicate	10/28/22
BJ21695-MS1	Matrix Spike	10/28/22
BJ21695-PS1	Post Spike	10/28/22

Batch ID: BJ21743 **Preparation Method:** Preparation for GC Analysis **Prepared By:** RQB

YORK Sample ID	Client Sample ID	Preparation Date
22J1090-01	MW-10	10/29/22
22J1090-02	MW-8S	10/29/22
22J1090-03	MW-7I	10/29/22
22J1090-04	MW-1	10/29/22
BJ21743-BLK1	Blank	10/29/22
BJ21743-DUP1	Duplicate	10/29/22

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 BJ21409 - EPA 5030B											
Blank (BJ21409-BLK1)											Prepared & Analyzed: 10/24/2022
1,1,1,2-Tetrachloroethane	ND	0.500	ug/L								
1,1,1-Trichloroethane	ND	0.500	"								
1,1,2,2-Tetrachloroethane	ND	0.500	"								
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	0.500	"								
1,1,2-Trichloroethane	ND	0.500	"								
1,1-Dichloroethane	ND	0.500	"								
1,1-Dichloroethylene	ND	0.500	"								
1,2,3-Trichlorobenzene	ND	0.500	"								
1,2,3-Trichloropropane	ND	0.500	"								
1,2,4-Trichlorobenzene	ND	0.500	"								
1,2,4-Trimethylbenzene	ND	0.500	"								
1,2-Dibromo-3-chloropropane	ND	0.500	"								
1,2-Dibromoethane	ND	0.500	"								
1,2-Dichlorobenzene	ND	0.500	"								
1,2-Dichloroethane	ND	0.500	"								
1,2-Dichloropropane	ND	0.500	"								
1,3,5-Trimethylbenzene	ND	0.500	"								
1,3-Dichlorobenzene	ND	0.500	"								
1,3-Dichloropropane	ND	0.500	"								
1,4-Dichlorobenzene	ND	0.500	"								
1,4-Dioxane	ND	80.0	"								
2-Butanone	ND	0.500	"								
2-Hexanone	ND	0.500	"								
4-Methyl-2-pentanone	ND	0.500	"								
Acetone	ND	2.00	"								
Acrolein	ND	0.500	"								
Acrylonitrile	ND	0.500	"								
Benzene	ND	0.500	"								
Bromochloromethane	ND	0.500	"								
Bromodichloromethane	ND	0.500	"								
Bromoform	ND	0.500	"								
Bromomethane	ND	0.500	"								
Carbon disulfide	ND	0.500	"								
Carbon tetrachloride	ND	0.500	"								
Chlorobenzene	ND	0.500	"								
Chloroethane	ND	0.500	"								
Chloroform	0.240	0.500	"								
Chloromethane	ND	0.500	"								
cis-1,2-Dichloroethylene	ND	0.500	"								
cis-1,3-Dichloropropylene	ND	0.500	"								
Cyclohexane	ND	0.500	"								
Dibromochloromethane	ND	0.500	"								
Dibromomethane	ND	0.500	"								
Dichlorodifluoromethane	ND	0.500	"								
Ethyl Benzene	ND	0.500	"								
Hexachlorobutadiene	ND	0.500	"								
Isopropylbenzene	ND	0.500	"								
Methyl acetate	ND	0.500	"								
Methyl tert-butyl ether (MTBE)	ND	0.500	"								

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BJ21409 - EPA 5030B											
Blank (BJ21409-BLK1)										Prepared & Analyzed: 10/24/2022	
Methylcyclohexane	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-Butyl alcohol (TBA)	ND	1.00	"								
tert-Butylbenzene	ND	0.500	"								
Tetrachloroethylene	ND	0.500	"								
Toluene	ND	0.500	"								
trans-1,2-Dichloroethylene	ND	0.500	"								
trans-1,3-Dichloropropylene	ND	0.500	"								
Trichloroethylene	ND	0.500	"								
Trichlorofluoromethane	ND	0.500	"								
Vinyl Chloride	ND	0.500	"								
Xylenes, Total	ND	1.50	"								
Surrogate: SURR: 1,2-Dichloroethane-d4	*11.5*		*"*	*10.0*		*115*	*69-130*				
Surrogate: SURR: Toluene-d8	*10.1*		*"*	*10.0*		*101*	*81-117*				
Surrogate: SURR: p-Bromofluorobenzene	*11.2*		*"*	*10.0*		*112*	*79-122*				
LCS (BJ21409-BS1)										Prepared & Analyzed: 10/24/2022	
1,1,1,2-Tetrachloroethane	9.94		ug/L	10.0		99.4	82-126				
1,1,1-Trichloroethane	10.7		"	10.0		107	78-136				
1,1,2,2-Tetrachloroethane	10.2		"	10.0		102	76-129				
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	9.41		"	10.0		94.1	54-165				
1,1,2-Trichloroethane	9.55		"	10.0		95.5	82-123				
1,1-Dichloroethane	9.66		"	10.0		96.6	82-129				
1,1-Dichloroethylene	9.82		"	10.0		98.2	68-138				
1,2,3-Trichlorobenzene	8.49		"	10.0		84.9	76-136				
1,2,3-Trichloropropane	11.0		"	10.0		110	77-128				
1,2,4-Trichlorobenzene	9.17		"	10.0		91.7	76-137				
1,2,4-Trimethylbenzene	11.8		"	10.0		118	82-132				
1,2-Dibromo-3-chloropropane	9.70		"	10.0		97.0	45-147				
1,2-Dibromoethane	8.98		"	10.0		89.8	83-124				
1,2-Dichlorobenzene	10.8		"	10.0		108	79-123				
1,2-Dichloroethane	10.2		"	10.0		102	73-132				
1,2-Dichloropropane	9.53		"	10.0		95.3	78-126				
1,3,5-Trimethylbenzene	12.0		"	10.0		120	80-131				
1,3-Dichlorobenzene	9.68		"	10.0		96.8	86-122				
1,3-Dichloropropane	8.96		"	10.0		89.6	81-125				
1,4-Dichlorobenzene	11.2		"	10.0		112	85-124				
1,4-Dioxane	251		"	210		119	10-349				
2-Butanone	9.67		"	10.0		96.7	49-152				
2-Hexanone	8.10		"	10.0		81.0	51-146				

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BJ21409 - EPA 5030B											
LCS (BJ21409-BS1)								Prepared & Analyzed: 10/24/2022			
4-Methyl-2-pentanone	7.68		ug/L	10.0		76.8	57-145				
Acetone	27.6		"	10.0		276	14-150	High Bias			
Acrolein	6.11		"	10.0		61.1	10-153				
Acrylonitrile	8.74		"	10.0		87.4	51-150				
Benzene	9.07		"	10.0		90.7	85-126				
Bromochloromethane	10.1		"	10.0		101	77-128				
Bromodichloromethane	10.3		"	10.0		103	79-128				
Bromoform	9.64		"	10.0		96.4	78-133				
Bromomethane	12.6		"	10.0		126	43-168				
Carbon disulfide	9.11		"	10.0		91.1	68-146				
Carbon tetrachloride	11.2		"	10.0		112	77-141				
Chlorobenzene	9.91		"	10.0		99.1	88-120				
Chloroethane	10.4		"	10.0		104	65-136				
Chloroform	10.5		"	10.0		105	82-128				
Chloromethane	9.33		"	10.0		93.3	43-155				
cis-1,2-Dichloroethylene	9.87		"	10.0		98.7	83-129				
cis-1,3-Dichloropropylene	9.61		"	10.0		96.1	80-131				
Cyclohexane	3.51		"	10.0		35.1	63-149	Low Bias			
Dibromochloromethane	9.53		"	10.0		95.3	80-130				
Dibromomethane	9.35		"	10.0		93.5	72-134				
Dichlorodifluoromethane	5.49		"	10.0		54.9	44-144				
Ethyl Benzene	10.5		"	10.0		105	80-131				
Hexachlorobutadiene	9.93		"	10.0		99.3	67-146				
Isopropylbenzene	12.0		"	10.0		120	76-140				
Methyl acetate	8.03		"	10.0		80.3	51-139				
Methyl tert-butyl ether (MTBE)	8.30		"	10.0		83.0	76-135				
Methylcyclohexane	8.89		"	10.0		88.9	72-143				
Methylene chloride	10.4		"	10.0		104	55-137				
Naphthalene	8.53		"	10.0		85.3	70-147				
n-Butylbenzene	10.6		"	10.0		106	79-132				
n-Propylbenzene	12.2		"	10.0		122	78-133				
o-Xylene	10.7		"	10.0		107	78-130				
p- & m- Xylenes	21.4		"	20.0		107	77-133				
p-Diethylbenzene	10.4		"	10.0		104	84-134				
p-Ethyltoluene	13.0		"	10.0		130	88-129	High Bias			
p-Isopropyltoluene	10.2		"	10.0		102	81-136				
sec-Butylbenzene	10.2		"	10.0		102	79-137				
Styrene	9.80		"	10.0		98.0	67-132				
tert-Butyl alcohol (TBA)	37.4		"	50.0		74.8	25-162				
tert-Butylbenzene	9.04		"	10.0		90.4	77-138				
Tetrachloroethylene	9.80		"	10.0		98.0	82-131				
Toluene	10.6		"	10.0		106	80-127				
trans-1,2-Dichloroethylene	9.90		"	10.0		99.0	80-132				
trans-1,3-Dichloropropylene	9.72		"	10.0		97.2	78-131				
Trichloroethylene	10.1		"	10.0		101	82-128				
Trichlorofluoromethane	11.8		"	10.0		118	67-139				
Vinyl Chloride	9.71		"	10.0		97.1	58-145				
Surrogate: SURR: 1,2-Dichloroethane-d4	*10.5*		*"*	*10.0*		*105*	*69-130*				
Surrogate: SURR: Toluene-d8	*9.98*		*"*	*10.0*		*99.8*	*81-117*				
Surrogate: SURR: p-Bromofluorobenzene	*10.6*		*"*	*10.0*		*106*	*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 BJ21409 - EPA 5030B											
LCS Dup (BJ21409-BSD1)								Prepared & Analyzed: 10/24/2022			
1,1,1,2-Tetrachloroethane	9.57		ug/L	10.0		95.7	82-126		3.79	30	
1,1,1-Trichloroethane	9.99		"	10.0		99.9	78-136		6.96	30	
1,1,2,2-Tetrachloroethane	10.6		"	10.0		106	76-129		4.22	30	
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	8.45		"	10.0		84.5	54-165		10.8	30	
1,1,2-Trichloroethane	9.59		"	10.0		95.9	82-123		0.418	30	
1,1-Dichloroethane	8.93		"	10.0		89.3	82-129		7.85	30	
1,1-Dichloroethylene	9.02		"	10.0		90.2	68-138		8.49	30	
1,2,3-Trichlorobenzene	9.08		"	10.0		90.8	76-136		6.72	30	
1,2,3-Trichloropropane	11.5		"	10.0		115	77-128		4.09	30	
1,2,4-Trichlorobenzene	9.26		"	10.0		92.6	76-137		0.977	30	
1,2,4-Trimethylbenzene	11.0		"	10.0		110	82-132		6.65	30	
1,2-Dibromo-3-chloropropane	10.1		"	10.0		101	45-147		3.64	30	
1,2-Dibromoethane	9.45		"	10.0		94.5	83-124		5.10	30	
1,2-Dichlorobenzene	10.5		"	10.0		105	79-123		2.63	30	
1,2-Dichloroethane	10.5		"	10.0		105	73-132		2.60	30	
1,2-Dichloropropane	9.15		"	10.0		91.5	78-126		4.07	30	
1,3,5-Trimethylbenzene	11.0		"	10.0		110	80-131		8.49	30	
1,3-Dichlorobenzene	9.15		"	10.0		91.5	86-122		5.63	30	
1,3-Dichloropropane	9.23		"	10.0		92.3	81-125		2.97	30	
1,4-Dichlorobenzene	10.7		"	10.0		107	85-124		4.76	30	
1,4-Dioxane	287		"	210		137	10-349		13.5	30	
2-Butanone	10.2		"	10.0		102	49-152		4.94	30	
2-Hexanone	9.03		"	10.0		90.3	51-146		10.9	30	
4-Methyl-2-pentanone	8.83		"	10.0		88.3	57-145		13.9	30	
Acetone	27.8		"	10.0		278	14-150	High Bias	0.793	30	
Acrolein	6.16		"	10.0		61.6	10-153		0.815	30	
Acrylonitrile	9.10		"	10.0		91.0	51-150		4.04	30	
Benzene	8.69		"	10.0		86.9	85-126		4.28	30	
Bromochloromethane	10.1		"	10.0		101	77-128		0.00	30	
Bromodichloromethane	10.0		"	10.0		100	79-128		3.24	30	
Bromoform	10.2		"	10.0		102	78-133		5.45	30	
Bromomethane	7.84		"	10.0		78.4	43-168		46.9	30	Non-dir.
Carbon disulfide	8.39		"	10.0		83.9	68-146		8.23	30	
Carbon tetrachloride	10.2		"	10.0		102	77-141		9.40	30	
Chlorobenzene	9.42		"	10.0		94.2	88-120		5.07	30	
Chloroethane	9.37		"	10.0		93.7	65-136		10.4	30	
Chloroform	10.2		"	10.0		102	82-128		3.28	30	
Chloromethane	8.34		"	10.0		83.4	43-155		11.2	30	
cis-1,2-Dichloroethylene	9.33		"	10.0		93.3	83-129		5.62	30	
cis-1,3-Dichloropropylene	9.47		"	10.0		94.7	80-131		1.47	30	
Cyclohexane	3.38		"	10.0		33.8	63-149	Low Bias	3.77	30	
Dibromochloromethane	9.71		"	10.0		97.1	80-130		1.87	30	
Dibromomethane	9.46		"	10.0		94.6	72-134		1.17	30	
Dichlorodifluoromethane	4.84		"	10.0		48.4	44-144		12.6	30	
Ethyl Benzene	9.69		"	10.0		96.9	80-131		8.12	30	
Hexachlorobutadiene	9.88		"	10.0		98.8	67-146		0.505	30	
Isopropylbenzene	10.8		"	10.0		108	76-140		10.1	30	
Methyl acetate	9.53		"	10.0		95.3	51-139		17.1	30	
Methyl tert-butyl ether (MTBE)	9.14		"	10.0		91.4	76-135		9.63	30	
Methylcyclohexane	8.23		"	10.0		82.3	72-143		7.71	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 BJ21409 - EPA 5030B											
LCS Dup (BJ21409-BSD1)								Prepared & Analyzed: 10/24/2022			
Methylene chloride	10.2		ug/L	10.0		102	55-137		1.95	30	
Naphthalene	9.48		"	10.0		94.8	70-147		10.5	30	
n-Butylbenzene	9.82		"	10.0		98.2	79-132		7.92	30	
n-Propylbenzene	10.9		"	10.0		109	78-133		10.7	30	
o-Xylene	10.2		"	10.0		102	78-130		5.18	30	
p- & m- Xylenes	20.0		"	20.0		99.8	77-133		6.87	30	
p-Diethylbenzene	9.59		"	10.0		95.9	84-134		7.72	30	
p-Ethyltoluene	11.9		"	10.0		119	88-129		8.81	30	
p-Isopropyltoluene	9.53		"	10.0		95.3	81-136		6.50	30	
sec-Butylbenzene	9.35		"	10.0		93.5	79-137		8.79	30	
Styrene	9.44		"	10.0		94.4	67-132		3.74	30	
tert-Butyl alcohol (TBA)	42.4		"	50.0		84.8	25-162		12.5	30	
tert-Butylbenzene	8.25		"	10.0		82.5	77-138		9.14	30	
Tetrachloroethylene	8.93		"	10.0		89.3	82-131		9.29	30	
Toluene	10.0		"	10.0		100	80-127		5.45	30	
trans-1,2-Dichloroethylene	9.18		"	10.0		91.8	80-132		7.55	30	
trans-1,3-Dichloropropylene	9.79		"	10.0		97.9	78-131		0.718	30	
Trichloroethylene	9.33		"	10.0		93.3	82-128		8.12	30	
Trichlorofluoromethane	10.5		"	10.0		105	67-139		11.7	30	
Vinyl Chloride	8.51		"	10.0		85.1	58-145		13.2	30	
Surrogate: SURR: 1,2-Dichloroethane-d4	*11.1*		*"*	*10.0*		*111*	*69-130*				
Surrogate: SURR: Toluene-d8	*9.65*		*"*	*10.0*		*96.5*	*81-117*				
Surrogate: SURR: p-Bromofluorobenzene	*10.2*		*"*	*10.0*		*102*	*79-122*				

Gas Chromatography/Flame Ionization Detector - 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 BJ21743 - Preparation for GC Analysis											
Blank (BJ21743-BLK1)									Prepared & Analyzed: 10/29/2022		
Methane	ND	10	ug/L								
Ethane	ND	10	"								
Ethylene (Ethene)	ND	10	"								
Duplicate (BJ21743-DUP1)	*Source sample: 22J1446-01 (Duplicate)								Prepared & Analyzed: 10/29/2022		
Methane	1000	10	ug/L		760				27.9	35	
Ethane	ND	10	"		ND					35	
Ethylene (Ethene)	ND	10	"		ND					35	

Metals by ICP - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BJ21346 - EPA 3015A											
Blank (BJ21346-BLK1)								Prepared: 10/24/2022 Analyzed: 10/25/2022			
Iron - Dissolved	ND	0.278	mg/L								
LCS (BJ21346-BS1)								Prepared: 10/24/2022 Analyzed: 10/25/2022			
Iron - Dissolved	0.947		ug/mL	1.00		94.7	80-120				
Duplicate (BJ21346-DUP1)	*Source sample: 22J1090-03 (MW-7I)							Prepared: 10/24/2022 Analyzed: 10/25/2022			
Iron - Dissolved	ND	0.278	mg/L		ND					20	
Matrix Spike (BJ21346-MS1)	*Source sample: 22J1090-03 (MW-7I)							Prepared: 10/24/2022 Analyzed: 10/25/2022			
Iron - Dissolved	1.03	0.278	mg/L	1.11	ND	92.3	75-125				
Post Spike (BJ21346-PS1)	*Source sample: 22J1090-03 (MW-7I)							Prepared: 10/24/2022 Analyzed: 10/25/2022			
Iron - Dissolved	1.02		ug/mL	1.00	0.0322	98.5	75-125				
Batch BJ21601 - EPA 3015A											
Blank (BJ21601-BLK1)								Prepared: 10/27/2022 Analyzed: 10/28/2022			
Iron	ND	0.278	mg/L								
LCS (BJ21601-BS1)								Prepared: 10/27/2022 Analyzed: 10/28/2022			
Iron	0.949		ug/mL	1.00		94.9	80-120				
Duplicate (BJ21601-DUP1)	*Source sample: 22J1100-07 (Duplicate)							Prepared: 10/27/2022 Analyzed: 10/28/2022			
Iron	ND	0.278	mg/L		ND					20	
Matrix Spike (BJ21601-MS1)	*Source sample: 22J1100-07 (Matrix Spike)							Prepared: 10/27/2022 Analyzed: 10/28/2022			
Iron	1.08	0.278	mg/L	1.11	ND	97.3	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 BJ21601 - EPA 3015A											
Post Spike (BJ21601-PS1)	*Source sample: 22J1100-07 (Post Spike)								Prepared: 10/27/2022 Analyzed: 10/28/2022		
Iron	1.10		ug/mL	1.00	0.0684	103	75-125				
Batch BJ21691 - EPA 3015A											
Blank (BJ21691-BLK1)									Prepared: 10/28/2022 Analyzed: 10/31/2022		
Iron	ND	0.278	mg/L								
LCS (BJ21691-BS1)									Prepared: 10/28/2022 Analyzed: 10/31/2022		
Iron	1.05		ug/mL	1.00		105	80-120				
Duplicate (BJ21691-DUP1)	*Source sample: 22J1287-10 (Duplicate)								Prepared: 10/28/2022 Analyzed: 11/01/2022		
Iron	ND	0.278	mg/L		ND					20	
Matrix Spike (BJ21691-MS1)	*Source sample: 22J1287-10 (Matrix Spike)								Prepared: 10/28/2022 Analyzed: 11/01/2022		
Iron	1.01	0.278	mg/L	1.11	ND	90.5	75-125				
Post Spike (BJ21691-PS1)	*Source sample: 22J1287-10 (Post Spike)								Prepared: 10/28/2022 Analyzed: 11/01/2022		
Iron	1.08		ug/mL	1.00	0.0819	100	75-125				
Batch BJ21695 - EPA 3015A											
Blank (BJ21695-BLK1)									Prepared: 10/28/2022 Analyzed: 10/31/2022		
Iron - Dissolved	ND	0.278	mg/L								
LCS (BJ21695-BS1)									Prepared: 10/28/2022 Analyzed: 10/31/2022		
Iron - Dissolved	0.944		ug/mL	1.00		94.4	80-120				

Metals by ICP - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BJ21695 - EPA 3015A											
Duplicate (BJ21695-DUP1)	*Source sample: 22J1420-03 (Duplicate)								Prepared: 10/28/2022 Analyzed: 10/31/2022		
Iron - Dissolved	ND	0.278	mg/L		ND					20	
Matrix Spike (BJ21695-MS1)	*Source sample: 22J1420-03 (Matrix Spike)								Prepared: 10/28/2022 Analyzed: 10/31/2022		
Iron - Dissolved	1.07	0.278	mg/L	1.11	ND	96.0	75-125				
Post Spike (BJ21695-PS1)	*Source sample: 22J1420-03 (Post Spike)								Prepared: 10/28/2022 Analyzed: 10/31/2022		
Iron - Dissolved	1.10		ug/mL	1.00	0.0265	107	75-125				

Anions by Ion Chromatography - 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 BJ21281 - EPA 300											
Blank (BJ21281-BLK1)								Prepared & Analyzed: 10/20/2022			
Nitrate as N	ND	0.0500	mg/L								
Sulfate	ND	1.00	"								
LCS (BJ21281-BS1)								Prepared & Analyzed: 10/20/2022			
Nitrate as N	10.3	0.0500	mg/L	10.0		103	90-110				
Sulfate	9.94	1.00	"	10.0		99.4	85-115				
Matrix Spike (BJ21281-MS2)	*Source sample: 22J1086-03 (Matrix Spike)							Prepared & Analyzed: 10/20/2022			
Nitrate as N	18.5	0.0500	mg/L	10.0	8.40	101	90-110				
Sulfate	28.0	1.00	"	10.0		280	85-115	High Bias			
Batch BJ21467 - EPA 300											
Blank (BJ21467-BLK1)								Prepared & Analyzed: 10/24/2022			
Nitrate as N	ND	0.0500	mg/L								
Sulfate	ND	1.00	"								
LCS (BJ21467-BS1)								Prepared & Analyzed: 10/24/2022			
Nitrate as N	9.77	0.0500	mg/L	10.0		97.7	90-110				
Sulfate	9.14	1.00	"	10.0		91.4	85-115				
Duplicate (BJ21467-DUP1)	*Source sample: 22J0898-01 (Duplicate)							Prepared & Analyzed: 10/24/2022			
Nitrate as N	0.703	0.0500	mg/L		0.634				10.3	15	
Sulfate	13.7	1.00	"		13.4				2.34	15	
Matrix Spike (BJ21467-MS1)	*Source sample: 22J0898-01 (Matrix Spike)							Prepared & Analyzed: 10/24/2022			
Nitrate as N	10.5	0.0500	mg/L	10.0	0.634	98.3	90-110				
Sulfate	22.4	1.00	"	10.0	13.4	90.2	85-115				

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 BJ21506 - Analysis Preparation											
Blank (BJ21506-BLK1)									Prepared & Analyzed: 10/26/2022		
Sulfide	ND	1.0	mg/L								
LCS (BJ21506-BS1)									Prepared & Analyzed: 10/26/2022		
Sulfide	43	1.0	mg/L	50.0		86.4	80-120				
Duplicate (BJ21506-DUP1)	*Source sample: 22J1090-01 (MW-10)								Prepared & Analyzed: 10/26/2022		
Sulfide	ND	1.0	mg/L		ND					15	

Volatile Analysis Sample Containers

Lab ID	Client Sample ID	Volatile Sample Container
22J1090-01	MW-10	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C
22J1090-02	MW-8S	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C
22J1090-03	MW-7I	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C
22J1090-04	MW-1	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C

Sample and Data Qualifiers Relating to This Work Order

QR-02	The RPD result exceeded the QC control limits; however, both percent recoveries were acceptable. Sample results for the QC batch were accepted based on percent recoveries and completeness of QC data.
QM-07	The spike recovery was outside acceptance limits for the MS and/or MSD. The batch was accepted based on acceptable LCS recovery.
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).
HT-01R	This flag indicates that the sample was initially analyzed within recommended hold time and that a re-run was performed outside of the hold time.
CONT-01	Analysis was performed on a sample from an improperly preserved container.
CCVE	The value reported is ESTIMATED. The value is estimated due to its behavior during continuing calibration verification (>20% Difference for average Rf or >20% Drift for quadratic fit).
B	Analyte is found in the associated analysis batch blank. For volatiles, methylene chloride and acetone are common lab contaminants.

Definitions and Other Explanations

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

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

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

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

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

Certification for pH is no longer offered by NYDOH ELAP.

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

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

Field Chain-of-Custody Record

YORK ANALYTICAL LABORATORIES INC

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

YORK Project No. 22J1090

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

YOUR Information	Report To:	Invoice To:	YOUR Project Number	Turn-Around Time
Company: Impact Environmental	Company: → same	Company: → same	15209	RUSH - Next Day
Address: 170 Keyland Ct, Bohemia NY	Address:	Address:	YOUR Project Name: 13-16 Beach Channel Drive	RUSH - Two Day
Phone.:	Phone.:	Phone.:		RUSH - Three Day
Contact: ~~Eco~~ amendez-chicas	Contact:	Contact:		RUSH - Four Day
E-mail: amendez-chicas@impact	E-mail:	E-mail:	YOUR PO#:	Standard (5-7 Day) X
				(7-10 for PFAS)

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

Samples Collected by: (print AND sign your name)

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

Samples From
New York X
New Jersey
Connecticut
Pennsylvania
Other:

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

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

Sample Identification	Sample Matrix	Date/Time Sampled	Analyses Requested	Container Type	No.
MW-10	GW	10/19/22 / 1230	TCL VOCs, Total iron, Dissolved iron,	250 mL plastic	4
MW-85	↓	10/19/22 @ 1135	Sulfate, nitrate, total organic	40mL gloss	5
MW-~~7~~ 11		10/19/22 @ 1025	carbon, Methane, ethane, ethene	1 L plastic	1
MW-1	↓	10/19/22 @ 0855		per sample	

Comments: All samples run for: TCL VOCs, ~~total~~ iron, diss iron, sulfate sulfide, nitrate, total organic carbon, methane, ethane, ethene

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
[signature]	10/20/2022 1430	Noel N York Labs	10/20/22 1430	Noel N York Labs	10/20/22 1830
2. Samples Received by / Company	Date/Time	3. Samples Relinquished by / Company	Date/Time	3. Samples Received by / Company	Date/Time
MARU YORK	10/20/22 1830	MARU YORK	10/20/22		
3. Samples Relinquished by / Company	Date/Time	4. Samples Received by / Company	Date/Time	Samples Received in LAB by	Date/Time / Temperature
				TC Labs	10/20/22 2200 / 2.9 Degrees C

Technical Report

prepared for:

Impact Environmental
170 Keyland Court
Bohemia NY, 11716
Attention: Christopher Connolly

Report Date: 11/01/2022
Client Project ID: #15209 13-16 Beach Channel Drive
York Project (SDG) No.: 22J1175

Report Date: 11/01/2022
Client Project ID: #15209 13-16 Beach Channel Drive
York Project (SDG) No.: 22J1175

Impact Environmental
170 Keyland Court
Bohemia NY, 11716
Attention: Christopher Connolly

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 21, 2022 and listed below. The project was identified as your project: **#15209 13-16 Beach Channel Drive**.

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
22J1175-01	MW-9S	Water	10/21/2022	10/21/2022
22J1175-02	MW-9I	Water	10/21/2022	10/21/2022
22J1175-03	MW-7S	Water	10/21/2022	10/21/2022
22J1175-04	MW-8I	Water	10/21/2022	10/21/2022

General Notes for York Project (SDG) No.: 22J1175

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:** 11/01/2022

Cassie L. Mosher
Laboratory Manager

Sample Information

Client Sample ID: **MW-9S** **York Sample ID:** **22J1175-01**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22J1175	#15209 13-16 Beach Channel Drive	Water	October 21, 2022 9:50 am	10/21/2022

Analyzed by: Phoenix Environmental Labs, Inc.

SM5310B-14

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

Sample Prepared by Method: SM5310B-14

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
PHNX - TOC	Total Organic Carbon	ND		mg/L	1.0	1.0	1	SM5310B-14 Certifications:	10/25/2022 16:29	10/25/2022 16:29	CT007

VOA, 8260 LOW MASTER

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

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	10/28/2022 09:00	10/28/2022 15:15	SA CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
71-55-6	1,1,1-Trichloroethane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	10/28/2022 09:00	10/28/2022 15:15	SA CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	10/28/2022 09:00	10/28/2022 15:15	SA CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	10/28/2022 09:00	10/28/2022 15:15	SA CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	10/28/2022 09:00	10/28/2022 15:15	SA CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
75-34-3	1,1-Dichloroethane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	10/28/2022 09:00	10/28/2022 15:15	SA CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	10/28/2022 09:00	10/28/2022 15:15	SA CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	10/28/2022 09:00	10/28/2022 15:15	SA NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
96-18-4	1,2,3-Trichloropropane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	10/28/2022 09:00	10/28/2022 15:15	SA NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	10/28/2022 09:00	10/28/2022 15:15	SA NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	10/28/2022 09:00	10/28/2022 15:15	SA CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	10/28/2022 09:00	10/28/2022 15:15	SA CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
106-93-4	1,2-Dibromoethane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	10/28/2022 09:00	10/28/2022 15:15	SA CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	10/28/2022 09:00	10/28/2022 15:15	SA CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
107-06-2	1,2-Dichloroethane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	10/28/2022 09:00	10/28/2022 15:15	SA CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
78-87-5	1,2-Dichloropropane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	10/28/2022 09:00	10/28/2022 15:15	SA CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	10/28/2022 09:00	10/28/2022 15:15	SA CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI

Sample Information

Client Sample ID: MW-9S

York Sample ID: 22J1175-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22J1175	#15209 13-16 Beach Channel Drive	Water	October 21, 2022 9:50 am	10/21/2022

VOA, 8260 LOW MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	10/28/2022 09:00	10/28/2022 15:15	SA CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
142-28-9	1,3-Dichloropropane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	10/28/2022 09:00	10/28/2022 15:15	SA NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	10/28/2022 09:00	10/28/2022 15:15	SA CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
123-91-1	1,4-Dioxane	ND		ug/L	40.0	80.0	1	EPA 8260C Certifications:	10/28/2022 09:00	10/28/2022 15:15	SA NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
78-93-3	2-Butanone	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	10/28/2022 09:00	10/28/2022 15:15	SA CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
591-78-6	2-Hexanone	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	10/28/2022 09:00	10/28/2022 15:15	SA CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
108-10-1	4-Methyl-2-pentanone	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	10/28/2022 09:00	10/28/2022 15:15	SA CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
67-64-1	Acetone	ND		ug/L	1.00	2.00	1	EPA 8260C Certifications:	10/28/2022 09:00	10/28/2022 15:15	SA CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
107-02-8	Acrolein	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	10/28/2022 09:00	10/28/2022 15:15	SA CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
107-13-1	Acrylonitrile	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	10/28/2022 09:00	10/28/2022 15:15	SA CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
71-43-2	Benzene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	10/28/2022 09:00	10/28/2022 15:15	SA CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
74-97-5	Bromochloromethane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	10/28/2022 09:00	10/28/2022 15:15	SA NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
75-27-4	Bromodichloromethane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	10/28/2022 09:00	10/28/2022 15:15	SA CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
75-25-2	Bromoform	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	10/28/2022 09:00	10/28/2022 15:15	SA CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
74-83-9	Bromomethane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	10/28/2022 09:00	10/28/2022 15:15	SA CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
75-15-0	Carbon disulfide	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	10/28/2022 09:00	10/28/2022 15:15	SA CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
56-23-5	Carbon tetrachloride	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	10/28/2022 09:00	10/28/2022 15:15	SA CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
108-90-7	Chlorobenzene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	10/28/2022 09:00	10/28/2022 15:15	SA CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
75-00-3	Chloroethane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	10/28/2022 09:00	10/28/2022 15:15	SA CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
67-66-3	**Chloroform**	**0.230**	J	ug/L	0.200	0.500	1	EPA 8260C Certifications:	10/28/2022 09:00	10/28/2022 15:15	SA CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PA
74-87-3	Chloromethane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	10/28/2022 09:00	10/28/2022 15:15	SA CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
156-59-2	cis-1,2-Dichloroethylene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	10/28/2022 09:00	10/28/2022 15:15	SA CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	10/28/2022 09:00	10/28/2022 15:15	SA CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI

Sample Information

Client Sample ID: MW-9S

York Sample ID: 22J1175-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22J1175	#15209 13-16 Beach Channel Drive	Water	October 21, 2022 9:50 am	10/21/2022

VOA, 8260 LOW MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
110-82-7	Cyclohexane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	10/28/2022 09:00 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/28/2022 15:15	SA
124-48-1	Dibromochloromethane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	10/28/2022 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	10/28/2022 15:15	SA
74-95-3	Dibromomethane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	10/28/2022 09:00 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/28/2022 15:15	SA
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	10/28/2022 09:00 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/28/2022 15:15	SA
100-41-4	Ethyl Benzene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	10/28/2022 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	10/28/2022 15:15	SA
87-68-3	Hexachlorobutadiene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	10/28/2022 09:00 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/28/2022 15:15	SA
98-82-8	Isopropylbenzene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	10/28/2022 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	10/28/2022 15:15	SA
79-20-9	Methyl acetate	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	10/28/2022 09:00 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/28/2022 15:15	SA
1634-04-4	**Methyl tert-butyl ether (MTBE)**	**0.790**		ug/L	0.200	0.500	1	EPA 8260C Certifications:	10/28/2022 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PA	10/28/2022 15:15	SA
108-87-2	Methylcyclohexane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	10/28/2022 09:00 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/28/2022 15:15	SA
75-09-2	**Methylene chloride**	**2.12**	B	ug/L	1.00	2.00	1	EPA 8260C Certifications:	10/28/2022 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PA	10/28/2022 15:15	SA
91-20-3	**Naphthalene**	**5.05**		ug/L	1.00	2.00	1	EPA 8260C Certifications:	10/28/2022 09:00 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/28/2022 15:15	SA
104-51-8	n-Butylbenzene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	10/28/2022 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	10/28/2022 15:15	SA
103-65-1	n-Propylbenzene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	10/28/2022 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	10/28/2022 15:15	SA
95-47-6	o-Xylene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	10/28/2022 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP	10/28/2022 15:15	SA
179601-23-1	p- & m- Xylenes	ND		ug/L	0.500	1.00	1	EPA 8260C Certifications:	10/28/2022 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP	10/28/2022 15:15	SA
105-05-5	* p-Diethylbenzene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	10/28/2022 09:00	10/28/2022 15:15	SA
622-96-8	* p-Ethyltoluene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	10/28/2022 09:00	10/28/2022 15:15	SA
99-87-6	p-Isopropyltoluene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	10/28/2022 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	10/28/2022 15:15	SA
135-98-8	sec-Butylbenzene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	10/28/2022 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	10/28/2022 15:15	SA
100-42-5	Styrene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	10/28/2022 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	10/28/2022 15:15	SA
75-65-0	tert-Butyl alcohol (TBA)	ND		ug/L	0.500	1.00	1	EPA 8260C Certifications:	10/28/2022 09:00 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/28/2022 15:15	SA
98-06-6	tert-Butylbenzene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	10/28/2022 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	10/28/2022 15:15	SA

Sample Information

Client Sample ID: MW-9S

York Sample ID: 22J1175-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22J1175	#15209 13-16 Beach Channel Drive	Water	October 21, 2022 9:50 am	10/21/2022

VOA, 8260 LOW MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
127-18-4	**Tetrachloroethylene**	**0.710**		ug/L	0.200	0.500	1	EPA 8260C	10/28/2022 09:00	10/28/2022 15:15	SA
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PA		
108-88-3	Toluene	ND		ug/L	0.200	0.500	1	EPA 8260C	10/28/2022 09:00	10/28/2022 15:15	SA
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.200	0.500	1	EPA 8260C	10/28/2022 09:00	10/28/2022 15:15	SA
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.200	0.500	1	EPA 8260C	10/28/2022 09:00	10/28/2022 15:15	SA
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
79-01-6	Trichloroethylene	ND		ug/L	0.200	0.500	1	EPA 8260C	10/28/2022 09:00	10/28/2022 15:15	SA
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
75-69-4	Trichlorofluoromethane	ND		ug/L	0.200	0.500	1	EPA 8260C	10/28/2022 09:00	10/28/2022 15:15	SA
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
75-01-4	Vinyl Chloride	ND		ug/L	0.200	0.500	1	EPA 8260C	10/28/2022 09:00	10/28/2022 15:15	SA
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
1330-20-7	Xylenes, Total	ND		ug/L	0.600	1.50	1	EPA 8260C	10/28/2022 09:00	10/28/2022 15:15	SA
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP		

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: SURR: 1,2-Dichloroethane-d4*	*106 %*	*69-130*
2037-26-5	*Surrogate: SURR: Toluene-d8*	*98.3 %*	*81-117*
460-00-4	*Surrogate: SURR: p-Bromofluorobenzene*	*101 %*	*79-122*

Methane, Ethane & Ethylene

Log-in Notes:

Sample Notes:

Sample Prepared by Method: Preparation for GC Analysis

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
74-82-8	* **Methane**	**21**		ug/L	10	1	GC/Headspace	10/29/2022 11:22	10/29/2022 12:41	SK
							Certifications:			
74-84-0	* Ethane	ND		ug/L	10	1	GC/Headspace	10/29/2022 11:22	10/29/2022 12:41	SK
							Certifications:			
74-85-1	* Ethylene (Ethene)	ND		ug/L	10	1	GC/Headspace	10/29/2022 11:22	10/29/2022 12:41	SK
							Certifications:			

Iron by EPA 6010

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3015A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-89-6	**Iron**	**0.612**		mg/L	0.278	1	EPA 6010D	10/28/2022 11:55	11/01/2022 14:39	AJL
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		

Iron, Dissolved by EPA 6010

Log-in Notes:

Sample Notes:

Sample Information

Client Sample ID: MW-9S **York Sample ID:** 22J1175-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22J1175	#15209 13-16 Beach Channel Drive	Water	October 21, 2022 9:50 am	10/21/2022

Sample Prepared by Method: EPA 3015A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-89-6	**Iron**	**0.397**		mg/L	0.278	1	EPA 6010D	10/28/2022 12:27	10/31/2022 14:06	AJL
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		

Nitrate as N **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 300

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
14797-55-8	**Nitrate as N**	**2.07**		mg/L	0.0500	1	EPA 300.0	10/22/2022 00:28	10/22/2022 00:28	NJO
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP,PADEP		

Sulfate as SO4 **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 300

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
14808-79-8	**Sulfate**	**157**		mg/L	10.0	10	EPA 300.0	10/24/2022 20:07	10/24/2022 20:07	NJO
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP,PADEP		

Sulfide **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
18496-25-8	Sulfide	ND	CONT-01, HT-01	mg/L	1.0	1	SM 4500-S F	11/01/2022 08:56	11/01/2022 08:56	AD
							Certifications:	CTDOH-PH-0723,NJDEP,NELAC-NY10854,PADEP		

Sample Information

Client Sample ID: MW-9I **York Sample ID:** 22J1175-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22J1175	#15209 13-16 Beach Channel Drive	Water	October 21, 2022 8:50 am	10/21/2022

Analyzed by: Phoenix Environmental Labs, Inc.

SM5310B-14 **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: SM5310B-14

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
PHNX - TOC	**Total Organic Carbon**	**3.4**		mg/L	1.0	1.0	1	SM5310B-14	10/25/2022 16:43	10/25/2022 16:43	CT007
								Certifications:			

Sample Information

Client Sample ID: **MW-9I** **York Sample ID:** **22J1175-02**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22J1175	#15209 13-16 Beach Channel Drive	Water	October 21, 2022 8:50 am	10/21/2022

VOA, 8260 LOW MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	10/28/2022 09:00	10/28/2022 15:41	SA CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
71-55-6	1,1,1-Trichloroethane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	10/28/2022 09:00	10/28/2022 15:41	SA CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	10/28/2022 09:00	10/28/2022 15:41	SA CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	10/28/2022 09:00	10/28/2022 15:41	SA CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	10/28/2022 09:00	10/28/2022 15:41	SA CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
75-34-3	1,1-Dichloroethane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	10/28/2022 09:00	10/28/2022 15:41	SA CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	10/28/2022 09:00	10/28/2022 15:41	SA CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	10/28/2022 09:00	10/28/2022 15:41	SA NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
96-18-4	1,2,3-Trichloropropane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	10/28/2022 09:00	10/28/2022 15:41	SA NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	10/28/2022 09:00	10/28/2022 15:41	SA NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
95-63-6	**1,2,4-Trimethylbenzene**	**0.240**	J	ug/L	0.200	0.500	1	EPA 8260C Certifications:	10/28/2022 09:00	10/28/2022 15:41	SA CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PA
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	10/28/2022 09:00	10/28/2022 15:41	SA CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
106-93-4	1,2-Dibromoethane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	10/28/2022 09:00	10/28/2022 15:41	SA CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	10/28/2022 09:00	10/28/2022 15:41	SA CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
107-06-2	1,2-Dichloroethane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	10/28/2022 09:00	10/28/2022 15:41	SA CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
78-87-5	1,2-Dichloropropane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	10/28/2022 09:00	10/28/2022 15:41	SA CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	10/28/2022 09:00	10/28/2022 15:41	SA CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	10/28/2022 09:00	10/28/2022 15:41	SA CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
142-28-9	1,3-Dichloropropane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	10/28/2022 09:00	10/28/2022 15:41	SA NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	10/28/2022 09:00	10/28/2022 15:41	SA CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
123-91-1	1,4-Dioxane	ND		ug/L	40.0	80.0	1	EPA 8260C Certifications:	10/28/2022 09:00	10/28/2022 15:41	SA NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
78-93-3	2-Butanone	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	10/28/2022 09:00	10/28/2022 15:41	SA CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
591-78-6	2-Hexanone	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	10/28/2022 09:00	10/28/2022 15:41	SA CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI

Sample Information

Client Sample ID: MW-9I

York Sample ID: 22J1175-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22J1175	#15209 13-16 Beach Channel Drive	Water	October 21, 2022 8:50 am	10/21/2022

VOA, 8260 LOW MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
108-10-1	4-Methyl-2-pentanone	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	10/28/2022 09:00	10/28/2022 15:41	SA CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
67-64-1	Acetone	ND		ug/L	1.00	2.00	1	EPA 8260C Certifications:	10/28/2022 09:00	10/28/2022 15:41	SA CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
107-02-8	Acrolein	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	10/28/2022 09:00	10/28/2022 15:41	SA CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
107-13-1	Acrylonitrile	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	10/28/2022 09:00	10/28/2022 15:41	SA CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
71-43-2	Benzene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	10/28/2022 09:00	10/28/2022 15:41	SA CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
74-97-5	Bromochloromethane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	10/28/2022 09:00	10/28/2022 15:41	SA NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
75-27-4	Bromodichloromethane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	10/28/2022 09:00	10/28/2022 15:41	SA CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
75-25-2	Bromoform	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	10/28/2022 09:00	10/28/2022 15:41	SA CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
74-83-9	Bromomethane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	10/28/2022 09:00	10/28/2022 15:41	SA CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
75-15-0	Carbon disulfide	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	10/28/2022 09:00	10/28/2022 15:41	SA CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
56-23-5	Carbon tetrachloride	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	10/28/2022 09:00	10/28/2022 15:41	SA CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
108-90-7	Chlorobenzene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	10/28/2022 09:00	10/28/2022 15:41	SA CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
75-00-3	Chloroethane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	10/28/2022 09:00	10/28/2022 15:41	SA CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
67-66-3	**Chloroform**	**1.67**		ug/L	0.200	0.500	1	EPA 8260C Certifications:	10/28/2022 09:00	10/28/2022 15:41	SA CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PA
74-87-3	Chloromethane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	10/28/2022 09:00	10/28/2022 15:41	SA CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
156-59-2	cis-1,2-Dichloroethylene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	10/28/2022 09:00	10/28/2022 15:41	SA CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	10/28/2022 09:00	10/28/2022 15:41	SA CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
110-82-7	Cyclohexane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	10/28/2022 09:00	10/28/2022 15:41	SA NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
124-48-1	Dibromochloromethane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	10/28/2022 09:00	10/28/2022 15:41	SA CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
74-95-3	Dibromomethane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	10/28/2022 09:00	10/28/2022 15:41	SA NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	10/28/2022 09:00	10/28/2022 15:41	SA NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
100-41-4	Ethyl Benzene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	10/28/2022 09:00	10/28/2022 15:41	SA CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
87-68-3	Hexachlorobutadiene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	10/28/2022 09:00	10/28/2022 15:41	SA NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP

Sample Information

Client Sample ID: **MW-9I** **York Sample ID:** **22J1175-02**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22J1175	#15209 13-16 Beach Channel Drive	Water	October 21, 2022 8:50 am	10/21/2022

VOA, 8260 LOW MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
98-82-8	Isopropylbenzene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	10/28/2022 09:00	10/28/2022 15:41	SA CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
79-20-9	Methyl acetate	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	10/28/2022 09:00	10/28/2022 15:41	SA NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	10/28/2022 09:00	10/28/2022 15:41	SA CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
108-87-2	Methylcyclohexane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	10/28/2022 09:00	10/28/2022 15:41	SA NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
75-09-2	**Methylene chloride**	**2.02**	B	ug/L	1.00	2.00	1	EPA 8260C Certifications:	10/28/2022 09:00	10/28/2022 15:41	SA CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PA
91-20-3	**Naphthalene**	**1.05**	J	ug/L	1.00	2.00	1	EPA 8260C Certifications:	10/28/2022 09:00	10/28/2022 15:41	SA NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
104-51-8	n-Butylbenzene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	10/28/2022 09:00	10/28/2022 15:41	SA CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
103-65-1	n-Propylbenzene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	10/28/2022 09:00	10/28/2022 15:41	SA CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
95-47-6	**o-Xylene**	**0.250**	J	ug/L	0.200	0.500	1	EPA 8260C Certifications:	10/28/2022 09:00	10/28/2022 15:41	SA CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP
179601-23-1	p- & m- Xylenes	ND		ug/L	0.500	1.00	1	EPA 8260C Certifications:	10/28/2022 09:00	10/28/2022 15:41	SA CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP
105-05-5	* p-Diethylbenzene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	10/28/2022 09:00	10/28/2022 15:41	SA
622-96-8	* p-Ethyltoluene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	10/28/2022 09:00	10/28/2022 15:41	SA
99-87-6	p-Isopropyltoluene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	10/28/2022 09:00	10/28/2022 15:41	SA CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
135-98-8	sec-Butylbenzene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	10/28/2022 09:00	10/28/2022 15:41	SA CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
100-42-5	Styrene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	10/28/2022 09:00	10/28/2022 15:41	SA CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
75-65-0	tert-Butyl alcohol (TBA)	ND		ug/L	0.500	1.00	1	EPA 8260C Certifications:	10/28/2022 09:00	10/28/2022 15:41	SA NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
98-06-6	tert-Butylbenzene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	10/28/2022 09:00	10/28/2022 15:41	SA CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
127-18-4	**Tetrachloroethylene**	**0.420**	J	ug/L	0.200	0.500	1	EPA 8260C Certifications:	10/28/2022 09:00	10/28/2022 15:41	SA CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PA
108-88-3	**Toluene**	**0.480**	J	ug/L	0.200	0.500	1	EPA 8260C Certifications:	10/28/2022 09:00	10/28/2022 15:41	SA CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PA
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	10/28/2022 09:00	10/28/2022 15:41	SA CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	10/28/2022 09:00	10/28/2022 15:41	SA CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
79-01-6	Trichloroethylene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	10/28/2022 09:00	10/28/2022 15:41	SA CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
75-69-4	Trichlorofluoromethane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	10/28/2022 09:00	10/28/2022 15:41	SA CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI

Sample Information

Client Sample ID: MW-9I

York Sample ID: 22J1175-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22J1175	#15209 13-16 Beach Channel Drive	Water	October 21, 2022 8:50 am	10/21/2022

VOA, 8260 LOW MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
75-01-4	Vinyl Chloride	ND		ug/L	0.200	0.500	1	EPA 8260C	10/28/2022 09:00	10/28/2022 15:41	SA
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
1330-20-7	**Xylenes, Total**	**0.720**	J	ug/L	0.600	1.50	1	EPA 8260C	10/28/2022 09:00	10/28/2022 15:41	SA
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP		

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: SURR: 1,2-Dichloroethane-d4*	*103 %*	*69-130*
2037-26-5	*Surrogate: SURR: Toluene-d8*	*98.7 %*	*81-117*
460-00-4	*Surrogate: SURR: p-Bromofluorobenzene*	*96.7 %*	*79-122*

Methane, Ethane & Ethylene

Log-in Notes:

Sample Notes:

Sample Prepared by Method: Preparation for GC Analysis

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
74-82-8	* Methane	ND		ug/L	10	1	GC/Headspace	10/29/2022 11:22	10/29/2022 12:53	SK
							Certifications:			
74-84-0	* Ethane	ND		ug/L	10	1	GC/Headspace	10/29/2022 11:22	10/29/2022 12:53	SK
							Certifications:			
74-85-1	* Ethylene (Ethene)	ND		ug/L	10	1	GC/Headspace	10/29/2022 11:22	10/29/2022 12:53	SK
							Certifications:			

Iron by EPA 6010

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3015A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-89-6	**Iron**	**1.63**		mg/L	0.278	1	EPA 6010D	10/28/2022 11:55	11/01/2022 14:42	AJL
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		

Iron, Dissolved by EPA 6010

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3015A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-89-6	Iron	ND		mg/L	0.278	1	EPA 6010D	10/28/2022 12:27	10/31/2022 14:08	AJL
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		

Nitrate as N

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 300

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
14797-55-8	**Nitrate as N**	**2.83**		mg/L	0.0500	1	EPA 300.0	10/22/2022 00:08	10/22/2022 00:08	NJO
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP,PADEP		

Sample Information

Client Sample ID: MW-9I **York Sample ID:** 22J1175-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22J1175	#15209 13-16 Beach Channel Drive	Water	October 21, 2022 8:50 am	10/21/2022

Sulfate as SO4

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 300

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
14808-79-8	**Sulfate**	**46.8**		mg/L	10.0	10	EPA 300.0	10/24/2022 20:17	10/24/2022 20:17	NJO
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP,PADEP		

Sulfide

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
18496-25-8	Sulfide	ND	CONT-01, HT-01	mg/L	1.0	1	SM 4500-S F	11/01/2022 08:56	11/01/2022 08:56	AD
							Certifications:	CTDOH-PH-0723,NJDEP,NELAC-NY10854,PADEP		

Sample Information

Client Sample ID: MW-7S **York Sample ID:** 22J1175-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22J1175	#15209 13-16 Beach Channel Drive	Water	October 21, 2022 7:55 am	10/21/2022

Analyzed by: Phoenix Environmental Labs, Inc.

SM5310B-14

Log-in Notes:

Sample Notes:

Sample Prepared by Method: SM5310B-14

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
PHNX - TOC	Total Organic Carbon	ND		mg/L	1.0	1.0	1	SM5310B-14	10/25/2022 16:57	10/25/2022 16:57	CT007
								Certifications:			

VOA, 8260 LOW MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/L	0.200	0.500	1	EPA 8260C	10/28/2022 09:00	10/28/2022 16:08	SA
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
71-55-6	1,1,1-Trichloroethane	ND		ug/L	0.200	0.500	1	EPA 8260C	10/28/2022 09:00	10/28/2022 16:08	SA
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.200	0.500	1	EPA 8260C	10/28/2022 09:00	10/28/2022 16:08	SA
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/L	0.200	0.500	1	EPA 8260C	10/28/2022 09:00	10/28/2022 16:08	SA
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.200	0.500	1	EPA 8260C	10/28/2022 09:00	10/28/2022 16:08	SA
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		

Sample Information

Client Sample ID: MW-7S

York Sample ID: 22J1175-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22J1175	#15209 13-16 Beach Channel Drive	Water	October 21, 2022 7:55 am	10/21/2022

VOA, 8260 LOW MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
75-34-3	1,1-Dichloroethane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	10/28/2022 09:00	10/28/2022 16:08	SA CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	10/28/2022 09:00	10/28/2022 16:08	SA CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	10/28/2022 09:00	10/28/2022 16:08	SA NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
96-18-4	1,2,3-Trichloropropane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	10/28/2022 09:00	10/28/2022 16:08	SA NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	10/28/2022 09:00	10/28/2022 16:08	SA NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	10/28/2022 09:00	10/28/2022 16:08	SA CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	10/28/2022 09:00	10/28/2022 16:08	SA CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
106-93-4	1,2-Dibromoethane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	10/28/2022 09:00	10/28/2022 16:08	SA CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	10/28/2022 09:00	10/28/2022 16:08	SA CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
107-06-2	1,2-Dichloroethane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	10/28/2022 09:00	10/28/2022 16:08	SA CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
78-87-5	1,2-Dichloropropane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	10/28/2022 09:00	10/28/2022 16:08	SA CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	10/28/2022 09:00	10/28/2022 16:08	SA CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	10/28/2022 09:00	10/28/2022 16:08	SA CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
142-28-9	1,3-Dichloropropane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	10/28/2022 09:00	10/28/2022 16:08	SA NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	10/28/2022 09:00	10/28/2022 16:08	SA CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
123-91-1	1,4-Dioxane	ND		ug/L	40.0	80.0	1	EPA 8260C Certifications:	10/28/2022 09:00	10/28/2022 16:08	SA NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
78-93-3	2-Butanone	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	10/28/2022 09:00	10/28/2022 16:08	SA CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
591-78-6	2-Hexanone	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	10/28/2022 09:00	10/28/2022 16:08	SA CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
108-10-1	4-Methyl-2-pentanone	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	10/28/2022 09:00	10/28/2022 16:08	SA CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
67-64-1	Acetone	ND		ug/L	1.00	2.00	1	EPA 8260C Certifications:	10/28/2022 09:00	10/28/2022 16:08	SA CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
107-02-8	Acrolein	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	10/28/2022 09:00	10/28/2022 16:08	SA CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
107-13-1	Acrylonitrile	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	10/28/2022 09:00	10/28/2022 16:08	SA CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
71-43-2	Benzene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	10/28/2022 09:00	10/28/2022 16:08	SA CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI

Sample Information

Client Sample ID: MW-7S

York Sample ID: 22J1175-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22J1175	#15209 13-16 Beach Channel Drive	Water	October 21, 2022 7:55 am	10/21/2022

VOA, 8260 LOW MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
74-97-5	Bromochloromethane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	10/28/2022 09:00 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/28/2022 16:08	SA
75-27-4	Bromodichloromethane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	10/28/2022 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	10/28/2022 16:08	SA
75-25-2	Bromoform	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	10/28/2022 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	10/28/2022 16:08	SA
74-83-9	Bromomethane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	10/28/2022 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	10/28/2022 16:08	SA
75-15-0	Carbon disulfide	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	10/28/2022 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	10/28/2022 16:08	SA
56-23-5	Carbon tetrachloride	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	10/28/2022 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	10/28/2022 16:08	SA
108-90-7	Chlorobenzene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	10/28/2022 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	10/28/2022 16:08	SA
75-00-3	Chloroethane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	10/28/2022 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	10/28/2022 16:08	SA
67-66-3	**Chloroform**	**0.490**	J	ug/L	0.200	0.500	1	EPA 8260C Certifications:	10/28/2022 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PA	10/28/2022 16:08	SA
74-87-3	Chloromethane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	10/28/2022 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	10/28/2022 16:08	SA
156-59-2	cis-1,2-Dichloroethylene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	10/28/2022 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	10/28/2022 16:08	SA
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	10/28/2022 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	10/28/2022 16:08	SA
110-82-7	Cyclohexane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	10/28/2022 09:00 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/28/2022 16:08	SA
124-48-1	Dibromochloromethane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	10/28/2022 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	10/28/2022 16:08	SA
74-95-3	Dibromomethane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	10/28/2022 09:00 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/28/2022 16:08	SA
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	10/28/2022 09:00 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/28/2022 16:08	SA
100-41-4	Ethyl Benzene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	10/28/2022 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	10/28/2022 16:08	SA
87-68-3	Hexachlorobutadiene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	10/28/2022 09:00 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/28/2022 16:08	SA
98-82-8	Isopropylbenzene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	10/28/2022 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	10/28/2022 16:08	SA
79-20-9	Methyl acetate	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	10/28/2022 09:00 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/28/2022 16:08	SA
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	10/28/2022 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	10/28/2022 16:08	SA
108-87-2	Methylcyclohexane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	10/28/2022 09:00 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/28/2022 16:08	SA
75-09-2	**Methylene chloride**	**2.11**	B	ug/L	1.00	2.00	1	EPA 8260C Certifications:	10/28/2022 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PA	10/28/2022 16:08	SA

Sample Information

Client Sample ID: MW-7S

York Sample ID: 22J1175-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22J1175	#15209 13-16 Beach Channel Drive	Water	October 21, 2022 7:55 am	10/21/2022

VOA, 8260 LOW MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
91-20-3	Naphthalene	ND		ug/L	1.00	2.00	1	EPA 8260C Certifications:	10/28/2022 09:00 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/28/2022 16:08	SA
104-51-8	n-Butylbenzene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	10/28/2022 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	10/28/2022 16:08	SA
103-65-1	n-Propylbenzene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	10/28/2022 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	10/28/2022 16:08	SA
95-47-6	o-Xylene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	10/28/2022 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP	10/28/2022 16:08	SA
179601-23-1	p- & m- Xylenes	ND		ug/L	0.500	1.00	1	EPA 8260C Certifications:	10/28/2022 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP	10/28/2022 16:08	SA
105-05-5	* p-Diethylbenzene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	10/28/2022 09:00	10/28/2022 16:08	SA
622-96-8	* p-Ethyltoluene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	10/28/2022 09:00	10/28/2022 16:08	SA
99-87-6	p-Isopropyltoluene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	10/28/2022 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	10/28/2022 16:08	SA
135-98-8	sec-Butylbenzene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	10/28/2022 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	10/28/2022 16:08	SA
100-42-5	Styrene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	10/28/2022 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	10/28/2022 16:08	SA
75-65-0	tert-Butyl alcohol (TBA)	ND		ug/L	0.500	1.00	1	EPA 8260C Certifications:	10/28/2022 09:00 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/28/2022 16:08	SA
98-06-6	tert-Butylbenzene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	10/28/2022 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	10/28/2022 16:08	SA
127-18-4	**Tetrachloroethylene**	**1.41**		ug/L	0.200	0.500	1	EPA 8260C Certifications:	10/28/2022 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PA	10/28/2022 16:08	SA
108-88-3	Toluene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	10/28/2022 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	10/28/2022 16:08	SA
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	10/28/2022 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	10/28/2022 16:08	SA
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	10/28/2022 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	10/28/2022 16:08	SA
79-01-6	Trichloroethylene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	10/28/2022 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	10/28/2022 16:08	SA
75-69-4	Trichlorofluoromethane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	10/28/2022 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	10/28/2022 16:08	SA
75-01-4	Vinyl Chloride	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	10/28/2022 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	10/28/2022 16:08	SA
1330-20-7	Xylenes, Total	ND		ug/L	0.600	1.50	1	EPA 8260C Certifications:	10/28/2022 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP	10/28/2022 16:08	SA

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: SURR: 1,2-Dichloroethane-d4*	*101 %*	*69-130*
2037-26-5	*Surrogate: SURR: Toluene-d8*	*100 %*	*81-117*
460-00-4	*Surrogate: SURR: p-Bromofluorobenzene*	*104 %*	*79-122*

Sample Information

Client Sample ID: MW-7S

York Sample ID: 22J1175-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22J1175	#15209 13-16 Beach Channel Drive	Water	October 21, 2022 7:55 am	10/21/2022

Methane, Ethane & Ethylene

Log-in Notes:

Sample Notes:

Sample Prepared by Method: Preparation for GC Analysis

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
74-82-8	* Methane	ND		ug/L	10	1	GC/Headspace Certifications:	10/29/2022 11:22	10/29/2022 13:02	SK
74-84-0	* Ethane	ND		ug/L	10	1	GC/Headspace Certifications:	10/29/2022 11:22	10/29/2022 13:02	SK
74-85-1	* Ethylene (Ethene)	ND		ug/L	10	1	GC/Headspace Certifications:	10/29/2022 11:22	10/29/2022 13:02	SK

Iron by EPA 6010

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3015A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-89-6	Iron	ND		mg/L	0.278	1	EPA 6010D Certifications:	10/28/2022 11:55 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	11/01/2022 14:52	AJL

Iron, Dissolved by EPA 6010

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3015A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-89-6	Iron	ND		mg/L	0.278	1	EPA 6010D Certifications:	10/28/2022 12:27 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	10/31/2022 14:11	AJL

Nitrate as N

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 300

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
14797-55-8	**Nitrate as N**	**3.34**		mg/L	0.0500	1	EPA 300.0 Certifications:	10/21/2022 23:59 NELAC-NY10854,CTDOH-PH-0723,NJDEP,PADEP	10/21/2022 23:59	NJO

Sulfate as SO4

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 300

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
14808-79-8	**Sulfate**	**109**		mg/L	10.0	10	EPA 300.0 Certifications:	10/24/2022 20:26 NELAC-NY10854,CTDOH-PH-0723,NJDEP,PADEP	10/24/2022 20:26	NJO

Sulfide

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
18496-25-8	**Sulfide**	**1.6**	CONT-01, HT-01	mg/L	1.0	1	SM 4500-S F Certifications:	11/01/2022 08:56 CTDOH-PH-0723,NJDEP,NELAC-NY10854,PADEP	11/01/2022 08:56	AD

Sample Information

Client Sample ID: **MW-7S** **York Sample ID:** **22J1175-03**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22J1175	#15209 13-16 Beach Channel Drive	Water	October 21, 2022 7:55 am	10/21/2022

Sample Information

Client Sample ID: **MW-8I** **York Sample ID:** **22J1175-04**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22J1175	#15209 13-16 Beach Channel Drive	Water	October 21, 2022 7:10 am	10/21/2022

Analyzed by: Phoenix Environmental Labs, Inc.

SM5310B-14

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

Sample Prepared by Method: SM5310B-14

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
PHNX - TOC	**Total Organic Carbon**	**1.7**		mg/L	1.0	1.0	1	SM5310B-14	10/25/2022 17:11	10/25/2022 17:11	CT007
								Certifications:			

VOA, 8260 LOW MASTER

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

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/L	0.200	0.500	1	EPA 8260C	10/28/2022 09:00	10/28/2022 16:34	SA
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
71-55-6	1,1,1-Trichloroethane	ND		ug/L	0.200	0.500	1	EPA 8260C	10/28/2022 09:00	10/28/2022 16:34	SA
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.200	0.500	1	EPA 8260C	10/28/2022 09:00	10/28/2022 16:34	SA
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/L	0.200	0.500	1	EPA 8260C	10/28/2022 09:00	10/28/2022 16:34	SA
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.200	0.500	1	EPA 8260C	10/28/2022 09:00	10/28/2022 16:34	SA
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
75-34-3	1,1-Dichloroethane	ND		ug/L	0.200	0.500	1	EPA 8260C	10/28/2022 09:00	10/28/2022 16:34	SA
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.200	0.500	1	EPA 8260C	10/28/2022 09:00	10/28/2022 16:34	SA
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	0.200	0.500	1	EPA 8260C	10/28/2022 09:00	10/28/2022 16:34	SA
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
96-18-4	1,2,3-Trichloropropane	ND		ug/L	0.200	0.500	1	EPA 8260C	10/28/2022 09:00	10/28/2022 16:34	SA
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.200	0.500	1	EPA 8260C	10/28/2022 09:00	10/28/2022 16:34	SA
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	0.200	0.500	1	EPA 8260C	10/28/2022 09:00	10/28/2022 16:34	SA
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.200	0.500	1	EPA 8260C	10/28/2022 09:00	10/28/2022 16:34	SA
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
106-93-4	1,2-Dibromoethane	ND		ug/L	0.200	0.500	1	EPA 8260C	10/28/2022 09:00	10/28/2022 16:34	SA
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		

Sample Information

Client Sample ID: **MW-8I** **York Sample ID:** **22J1175-04**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22J1175	#15209 13-16 Beach Channel Drive	Water	October 21, 2022 7:10 am	10/21/2022

VOA, 8260 LOW MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	10/28/2022 09:00	10/28/2022 16:34	SA CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
107-06-2	1,2-Dichloroethane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	10/28/2022 09:00	10/28/2022 16:34	SA CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
78-87-5	1,2-Dichloropropane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	10/28/2022 09:00	10/28/2022 16:34	SA CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	10/28/2022 09:00	10/28/2022 16:34	SA CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	10/28/2022 09:00	10/28/2022 16:34	SA CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
142-28-9	1,3-Dichloropropane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	10/28/2022 09:00	10/28/2022 16:34	SA NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	10/28/2022 09:00	10/28/2022 16:34	SA CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
123-91-1	1,4-Dioxane	ND		ug/L	40.0	80.0	1	EPA 8260C Certifications:	10/28/2022 09:00	10/28/2022 16:34	SA NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
78-93-3	2-Butanone	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	10/28/2022 09:00	10/28/2022 16:34	SA CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
591-78-6	2-Hexanone	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	10/28/2022 09:00	10/28/2022 16:34	SA CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
108-10-1	4-Methyl-2-pentanone	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	10/28/2022 09:00	10/28/2022 16:34	SA CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
67-64-1	Acetone	ND		ug/L	1.00	2.00	1	EPA 8260C Certifications:	10/28/2022 09:00	10/28/2022 16:34	SA CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
107-02-8	Acrolein	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	10/28/2022 09:00	10/28/2022 16:34	SA CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
107-13-1	Acrylonitrile	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	10/28/2022 09:00	10/28/2022 16:34	SA CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
71-43-2	Benzene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	10/28/2022 09:00	10/28/2022 16:34	SA CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
74-97-5	Bromochloromethane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	10/28/2022 09:00	10/28/2022 16:34	SA NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
75-27-4	Bromodichloromethane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	10/28/2022 09:00	10/28/2022 16:34	SA CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
75-25-2	Bromoform	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	10/28/2022 09:00	10/28/2022 16:34	SA CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
74-83-9	Bromomethane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	10/28/2022 09:00	10/28/2022 16:34	SA CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
75-15-0	**Carbon disulfide**	**0.220**	J	ug/L	0.200	0.500	1	EPA 8260C Certifications:	10/28/2022 09:00	10/28/2022 16:34	SA CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PA
56-23-5	Carbon tetrachloride	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	10/28/2022 09:00	10/28/2022 16:34	SA CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
108-90-7	Chlorobenzene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	10/28/2022 09:00	10/28/2022 16:34	SA CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
75-00-3	Chloroethane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	10/28/2022 09:00	10/28/2022 16:34	SA CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI

Sample Information

Client Sample ID: MW-8I

York Sample ID: 22J1175-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22J1175	#15209 13-16 Beach Channel Drive	Water	October 21, 2022 7:10 am	10/21/2022

VOA, 8260 LOW MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
67-66-3	**Chloroform**	**0.450**	J	ug/L	0.200	0.500	1	EPA 8260C	10/28/2022 09:00	10/28/2022 16:34	SA
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PA		
74-87-3	Chloromethane	ND		ug/L	0.200	0.500	1	EPA 8260C	10/28/2022 09:00	10/28/2022 16:34	SA
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
156-59-2	cis-1,2-Dichloroethylene	ND		ug/L	0.200	0.500	1	EPA 8260C	10/28/2022 09:00	10/28/2022 16:34	SA
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.200	0.500	1	EPA 8260C	10/28/2022 09:00	10/28/2022 16:34	SA
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
110-82-7	Cyclohexane	ND		ug/L	0.200	0.500	1	EPA 8260C	10/28/2022 09:00	10/28/2022 16:34	SA
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
124-48-1	Dibromochloromethane	ND		ug/L	0.200	0.500	1	EPA 8260C	10/28/2022 09:00	10/28/2022 16:34	SA
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
74-95-3	Dibromomethane	ND		ug/L	0.200	0.500	1	EPA 8260C	10/28/2022 09:00	10/28/2022 16:34	SA
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.200	0.500	1	EPA 8260C	10/28/2022 09:00	10/28/2022 16:34	SA
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
100-41-4	Ethyl Benzene	ND		ug/L	0.200	0.500	1	EPA 8260C	10/28/2022 09:00	10/28/2022 16:34	SA
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
87-68-3	Hexachlorobutadiene	ND		ug/L	0.200	0.500	1	EPA 8260C	10/28/2022 09:00	10/28/2022 16:34	SA
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
98-82-8	Isopropylbenzene	ND		ug/L	0.200	0.500	1	EPA 8260C	10/28/2022 09:00	10/28/2022 16:34	SA
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
79-20-9	Methyl acetate	ND		ug/L	0.200	0.500	1	EPA 8260C	10/28/2022 09:00	10/28/2022 16:34	SA
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.200	0.500	1	EPA 8260C	10/28/2022 09:00	10/28/2022 16:34	SA
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
108-87-2	Methylcyclohexane	ND		ug/L	0.200	0.500	1	EPA 8260C	10/28/2022 09:00	10/28/2022 16:34	SA
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-09-2	**Methylene chloride**	**2.13**	B	ug/L	1.00	2.00	1	EPA 8260C	10/28/2022 09:00	10/28/2022 16:34	SA
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PA		
91-20-3	Naphthalene	ND		ug/L	1.00	2.00	1	EPA 8260C	10/28/2022 09:00	10/28/2022 16:34	SA
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
104-51-8	n-Butylbenzene	ND		ug/L	0.200	0.500	1	EPA 8260C	10/28/2022 09:00	10/28/2022 16:34	SA
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
103-65-1	n-Propylbenzene	ND		ug/L	0.200	0.500	1	EPA 8260C	10/28/2022 09:00	10/28/2022 16:34	SA
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
95-47-6	o-Xylene	ND		ug/L	0.200	0.500	1	EPA 8260C	10/28/2022 09:00	10/28/2022 16:34	SA
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP		
179601-23-1	p- & m- Xylenes	ND		ug/L	0.500	1.00	1	EPA 8260C	10/28/2022 09:00	10/28/2022 16:34	SA
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP		
105-05-5	* p-Diethylbenzene	ND		ug/L	0.200	0.500	1	EPA 8260C	10/28/2022 09:00	10/28/2022 16:34	SA
								Certifications:			
622-96-8	* p-Ethyltoluene	ND		ug/L	0.200	0.500	1	EPA 8260C	10/28/2022 09:00	10/28/2022 16:34	SA
								Certifications:			
99-87-6	p-Isopropyltoluene	ND		ug/L	0.200	0.500	1	EPA 8260C	10/28/2022 09:00	10/28/2022 16:34	SA
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		

Sample Information

Client Sample ID: MW-8I

York Sample ID: 22J1175-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22J1175	#15209 13-16 Beach Channel Drive	Water	October 21, 2022 7:10 am	10/21/2022

VOA, 8260 LOW MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
135-98-8	sec-Butylbenzene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	10/28/2022 09:00	10/28/2022 16:34	SA CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
100-42-5	Styrene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	10/28/2022 09:00	10/28/2022 16:34	SA CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
75-65-0	tert-Butyl alcohol (TBA)	ND		ug/L	0.500	1.00	1	EPA 8260C Certifications:	10/28/2022 09:00	10/28/2022 16:34	SA NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
98-06-6	tert-Butylbenzene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	10/28/2022 09:00	10/28/2022 16:34	SA CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
127-18-4	**Tetrachloroethylene**	**1.24**		ug/L	0.200	0.500	1	EPA 8260C Certifications:	10/28/2022 09:00	10/28/2022 16:34	SA CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PA
108-88-3	**Toluene**	**0.210**	J	ug/L	0.200	0.500	1	EPA 8260C Certifications:	10/28/2022 09:00	10/28/2022 16:34	SA CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PA
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	10/28/2022 09:00	10/28/2022 16:34	SA CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	10/28/2022 09:00	10/28/2022 16:34	SA CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
79-01-6	Trichloroethylene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	10/28/2022 09:00	10/28/2022 16:34	SA CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
75-69-4	Trichlorofluoromethane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	10/28/2022 09:00	10/28/2022 16:34	SA CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
75-01-4	Vinyl Chloride	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	10/28/2022 09:00	10/28/2022 16:34	SA CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
1330-20-7	Xylenes, Total	ND		ug/L	0.600	1.50	1	EPA 8260C Certifications:	10/28/2022 09:00	10/28/2022 16:34	SA CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: SURR: 1,2-Dichloroethane-d4*	*90.4 %*	*69-130*
2037-26-5	*Surrogate: SURR: Toluene-d8*	*102 %*	*81-117*
460-00-4	*Surrogate: SURR: p-Bromofluorobenzene*	*102 %*	*79-122*

Methane, Ethane & Ethylene

Log-in Notes:

Sample Notes:

Sample Prepared by Method: Preparation for GC Analysis

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
74-82-8	* Methane	ND		ug/L	10	1	GC/Headspace Certifications:	10/29/2022 11:22	10/29/2022 13:11	SK
74-84-0	* Ethane	ND		ug/L	10	1	GC/Headspace Certifications:	10/29/2022 11:22	10/29/2022 13:11	SK
74-85-1	* Ethylene (Ethene)	ND		ug/L	10	1	GC/Headspace Certifications:	10/29/2022 11:22	10/29/2022 13:11	SK

Iron by EPA 6010

Log-in Notes:

Sample Notes:

Sample Information

Client Sample ID: MW-8I

York Sample ID: 22J1175-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22J1175	#15209 13-16 Beach Channel Drive	Water	October 21, 2022 7:10 am	10/21/2022

Sample Prepared by Method: EPA 3015A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-89-6	**Iron**	**1.25**		mg/L	0.278	1	EPA 6010D	10/24/2022 09:36	10/25/2022 14:23	AJL
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		

Iron, Dissolved by EPA 6010

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3015A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-89-6	Iron	ND		mg/L	0.278	1	EPA 6010D	10/28/2022 12:27	10/31/2022 14:14	AJL
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		

Nitrate as N

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 300

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
14797-55-8	**Nitrate as N**	**2.23**		mg/L	0.0500	1	EPA 300.0	10/21/2022 23:49	10/21/2022 23:49	NJO
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP,PADEP		

Sulfate as SO4

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 300

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
14808-79-8	**Sulfate**	**120**		mg/L	10.0	10	EPA 300.0	10/24/2022 20:36	10/24/2022 20:36	NJO
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP,PADEP		

Sulfide

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
18496-25-8	**Sulfide**	**1.6**	CONT-01, HT-01	mg/L	1.0	1	SM 4500-S F	11/01/2022 08:56	11/01/2022 08:56	AD
							Certifications:	CTDOH-PH-0723,NJDEP,NELAC-NY10854,PADEP		

Analytical Batch Summary

Batch ID: 10/25/2022 4:29:17 PM **Preparation Method:** SM5310B-14 **Prepared By:**

YORK Sample ID	Client Sample ID	Preparation Date
22J1175-01	MW-9S	10/25/22

Batch ID: 10/25/2022 4:43:28 PM **Preparation Method:** SM5310B-14 **Prepared By:**

YORK Sample ID	Client Sample ID	Preparation Date
22J1175-02	MW-9I	10/25/22

Batch ID: 10/25/2022 4:57:34 PM **Preparation Method:** SM5310B-14 **Prepared By:**

YORK Sample ID	Client Sample ID	Preparation Date
22J1175-03	MW-7S	10/25/22

Batch ID: 10/25/2022 5:11:57 PM **Preparation Method:** SM5310B-14 **Prepared By:**

YORK Sample ID	Client Sample ID	Preparation Date
22J1175-04	MW-8I	10/25/22

Batch ID: BJ21352 **Preparation Method:** EPA 3015A **Prepared By:** cw

YORK Sample ID	Client Sample ID	Preparation Date
22J1175-04	MW-8I	10/24/22
BJ21352-BLK1	Blank	10/24/22
BJ21352-BS1	LCS	10/24/22
BJ21352-DUP1	Duplicate	10/24/22
BJ21352-MS1	Matrix Spike	10/24/22
BJ21352-PS1	Post Spike	10/24/22

Batch ID: BJ21380 **Preparation Method:** EPA 300 **Prepared By:** NJO

YORK Sample ID	Client Sample ID	Preparation Date
22J1175-01	MW-9S	10/22/22
22J1175-02	MW-9I	10/22/22
22J1175-03	MW-7S	10/21/22
22J1175-04	MW-8I	10/21/22
BJ21380-BLK1	Blank	10/21/22
BJ21380-BS1	LCS	10/21/22
BJ21380-DUP1	Duplicate	10/21/22
BJ21380-MS1	Matrix Spike	10/21/22
BJ21380-MS2	Matrix Spike	10/21/22

Batch ID: BJ21467 **Preparation Method:** EPA 300 **Prepared By:** NJO

YORK Sample ID	Client Sample ID	Preparation Date
22J1175-01	MW-9S	10/24/22
22J1175-02	MW-9I	10/24/22
22J1175-03	MW-7S	10/24/22
22J1175-04	MW-8I	10/24/22
BJ21467-BLK1	Blank	10/24/22
BJ21467-BS1	LCS	10/24/22
BJ21467-DUP1	Duplicate	10/24/22
BJ21467-MS1	Matrix Spike	10/24/22

Batch ID: BJ21675 **Preparation Method:** EPA 5030B **Prepared By:** SMA

YORK Sample ID	Client Sample ID	Preparation Date
22J1175-01	MW-9S	10/28/22
22J1175-02	MW-9I	10/28/22
22J1175-03	MW-7S	10/28/22
22J1175-04	MW-8I	10/28/22
BJ21675-BLK1	Blank	10/28/22
BJ21675-BS1	LCS	10/28/22
BJ21675-BSD1	LCS Dup	10/28/22

Batch ID: BJ21691 **Preparation Method:** EPA 3015A **Prepared By:** cw

YORK Sample ID	Client Sample ID	Preparation Date
22J1175-01	MW-9S	10/28/22
22J1175-02	MW-9I	10/28/22
22J1175-03	MW-7S	10/28/22
BJ21691-BLK1	Blank	10/28/22
BJ21691-BS1	LCS	10/28/22
BJ21691-DUP1	Duplicate	10/28/22
BJ21691-MS1	Matrix Spike	10/28/22
BJ21691-PS1	Post Spike	10/28/22

Batch ID: BJ21695 **Preparation Method:** EPA 3015A **Prepared By:** cw

YORK Sample ID	Client Sample ID	Preparation Date
22J1175-01	MW-9S	10/28/22
22J1175-02	MW-9I	10/28/22
22J1175-03	MW-7S	10/28/22
22J1175-04	MW-8I	10/28/22
BJ21695-BLK1	Blank	10/28/22
BJ21695-BS1	LCS	10/28/22
BJ21695-DUP1	Duplicate	10/28/22
BJ21695-MS1	Matrix Spike	10/28/22
BJ21695-PS1	Post Spike	10/28/22

Batch ID: BJ21743 **Preparation Method:** Preparation for GC Analysis **Prepared By:** RQB

YORK Sample ID	Client Sample ID	Preparation Date
22J1175-01	MW-9S	10/29/22
22J1175-02	MW-9I	10/29/22
22J1175-03	MW-7S	10/29/22
22J1175-04	MW-8I	10/29/22
BJ21743-BLK1	Blank	10/29/22
BJ21743-DUP1	Duplicate	10/29/22

Batch ID: BK20016 **Preparation Method:** Analysis Preparation **Prepared By:** AD

YORK Sample ID	Client Sample ID	Preparation Date
22J1175-01	MW-9S	11/01/22
22J1175-02	MW-9I	11/01/22
22J1175-03	MW-7S	11/01/22
22J1175-04	MW-8I	11/01/22
BK20016-BLK1	Blank	11/01/22
BK20016-BS1	LCS	11/01/22
BK20016-DUP1	Duplicate	11/01/22

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 BJ21675 - EPA 5030B											
Blank (BJ21675-BLK1)											Prepared & Analyzed: 10/28/2022
1,1,1,2-Tetrachloroethane	ND	0.500	ug/L								
1,1,1-Trichloroethane	ND	0.500	"								
1,1,2,2-Tetrachloroethane	ND	0.500	"								
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	0.500	"								
1,1,2-Trichloroethane	ND	0.500	"								
1,1-Dichloroethane	ND	0.500	"								
1,1-Dichloroethylene	ND	0.500	"								
1,2,3-Trichlorobenzene	ND	0.500	"								
1,2,3-Trichloropropane	ND	0.500	"								
1,2,4-Trichlorobenzene	ND	0.500	"								
1,2,4-Trimethylbenzene	ND	0.500	"								
1,2-Dibromo-3-chloropropane	ND	0.500	"								
1,2-Dibromoethane	ND	0.500	"								
1,2-Dichlorobenzene	ND	0.500	"								
1,2-Dichloroethane	ND	0.500	"								
1,2-Dichloropropane	ND	0.500	"								
1,3,5-Trimethylbenzene	ND	0.500	"								
1,3-Dichlorobenzene	ND	0.500	"								
1,3-Dichloropropane	ND	0.500	"								
1,4-Dichlorobenzene	ND	0.500	"								
1,4-Dioxane	ND	80.0	"								
2-Butanone	ND	0.500	"								
2-Hexanone	ND	0.500	"								
4-Methyl-2-pentanone	ND	0.500	"								
Acetone	ND	2.00	"								
Acrolein	ND	0.500	"								
Acrylonitrile	ND	0.500	"								
Benzene	ND	0.500	"								
Bromochloromethane	ND	0.500	"								
Bromodichloromethane	ND	0.500	"								
Bromoform	ND	0.500	"								
Bromomethane	ND	0.500	"								
Carbon disulfide	ND	0.500	"								
Carbon tetrachloride	ND	0.500	"								
Chlorobenzene	ND	0.500	"								
Chloroethane	ND	0.500	"								
Chloroform	ND	0.500	"								
Chloromethane	ND	0.500	"								
cis-1,2-Dichloroethylene	ND	0.500	"								
cis-1,3-Dichloropropylene	ND	0.500	"								
Cyclohexane	ND	0.500	"								
Dibromochloromethane	ND	0.500	"								
Dibromomethane	ND	0.500	"								
Dichlorodifluoromethane	ND	0.500	"								
Ethyl Benzene	ND	0.500	"								
Hexachlorobutadiene	ND	0.500	"								
Isopropylbenzene	ND	0.500	"								
Methyl acetate	ND	0.500	"								
Methyl tert-butyl ether (MTBE)	ND	0.500	"								

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BJ21675 - EPA 5030B											
Blank (BJ21675-BLK1)								Prepared & Analyzed: 10/28/2022			
Methylcyclohexane	ND	0.500	ug/L								
Methylene chloride	2.35	2.00	"								
Naphthalene	ND	2.00	"								
n-Butylbenzene	ND	0.500	"								
n-Propylbenzene	ND	0.500	"								
o-Xylene	ND	0.500	"								
p- & m- Xylenes	ND	1.00	"								
p-Diethylbenzene	ND	0.500	"								
p-Ethyltoluene	ND	0.500	"								
p-Isopropyltoluene	ND	0.500	"								
sec-Butylbenzene	ND	0.500	"								
Styrene	ND	0.500	"								
tert-Butyl alcohol (TBA)	ND	1.00	"								
tert-Butylbenzene	ND	0.500	"								
Tetrachloroethylene	ND	0.500	"								
Toluene	ND	0.500	"								
trans-1,2-Dichloroethylene	ND	0.500	"								
trans-1,3-Dichloropropylene	ND	0.500	"								
Trichloroethylene	ND	0.500	"								
Trichlorofluoromethane	ND	0.500	"								
Vinyl Chloride	ND	0.500	"								
Xylenes, Total	ND	1.50	"								
Surrogate: SURR: 1,2-Dichloroethane-d4	*10.2*		*"*	*10.0*		*102*	*69-130*				
Surrogate: SURR: Toluene-d8	*9.77*		*"*	*10.0*		*97.7*	*81-117*				
Surrogate: SURR: p-Bromofluorobenzene	*10.2*		*"*	*10.0*		*102*	*79-122*				
LCS (BJ21675-BS1)								Prepared & Analyzed: 10/28/2022			
1,1,1,2-Tetrachloroethane	8.85		ug/L	10.0		88.5	82-126				
1,1,1-Trichloroethane	8.85		"	10.0		88.5	78-136				
1,1,2,2-Tetrachloroethane	10.8		"	10.0		108	76-129				
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	8.39		"	10.0		83.9	54-165				
1,1,2-Trichloroethane	9.23		"	10.0		92.3	82-123				
1,1-Dichloroethane	8.71		"	10.0		87.1	82-129				
1,1-Dichloroethylene	9.32		"	10.0		93.2	68-138				
1,2,3-Trichlorobenzene	8.81		"	10.0		88.1	76-136				
1,2,3-Trichloropropane	9.74		"	10.0		97.4	77-128				
1,2,4-Trichlorobenzene	9.79		"	10.0		97.9	76-137				
1,2,4-Trimethylbenzene	9.46		"	10.0		94.6	82-132				
1,2-Dibromo-3-chloropropane	5.11		"	10.0		51.1	45-147				
1,2-Dibromoethane	10.1		"	10.0		101	83-124				
1,2-Dichlorobenzene	9.59		"	10.0		95.9	79-123				
1,2-Dichloroethane	8.67		"	10.0		86.7	73-132				
1,2-Dichloropropane	9.67		"	10.0		96.7	78-126				
1,3,5-Trimethylbenzene	9.36		"	10.0		93.6	80-131				
1,3-Dichlorobenzene	9.46		"	10.0		94.6	86-122				
1,3-Dichloropropane	9.04		"	10.0		90.4	81-125				
1,4-Dichlorobenzene	9.38		"	10.0		93.8	85-124				
1,4-Dioxane	7.78		"	210		3.70	10-349	Low Bias			
2-Butanone	9.32		"	10.0		93.2	49-152				
2-Hexanone	7.14		"	10.0		71.4	51-146				

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BJ21675 - EPA 5030B											
LCS (BJ21675-BS1)								Prepared & Analyzed: 10/28/2022			
4-Methyl-2-pentanone	7.67		ug/L	10.0		76.7	57-145				
Acetone	0.640		"	10.0		6.40	14-150	Low Bias			
Acrolein	6.69		"	10.0		66.9	10-153				
Acrylonitrile	8.24		"	10.0		82.4	51-150				
Benzene	9.21		"	10.0		92.1	85-126				
Bromochloromethane	9.13		"	10.0		91.3	77-128				
Bromodichloromethane	8.64		"	10.0		86.4	79-128				
Bromoform	9.45		"	10.0		94.5	78-133				
Bromomethane	10.7		"	10.0		107	43-168				
Carbon disulfide	9.83		"	10.0		98.3	68-146				
Carbon tetrachloride	8.94		"	10.0		89.4	77-141				
Chlorobenzene	9.65		"	10.0		96.5	88-120				
Chloroethane	10.0		"	10.0		100	65-136				
Chloroform	9.13		"	10.0		91.3	82-128				
Chloromethane	10.4		"	10.0		104	43-155				
cis-1,2-Dichloroethylene	8.85		"	10.0		88.5	83-129				
cis-1,3-Dichloropropylene	9.17		"	10.0		91.7	80-131				
Cyclohexane	9.27		"	10.0		92.7	63-149				
Dibromochloromethane	8.95		"	10.0		89.5	80-130				
Dibromomethane	9.12		"	10.0		91.2	72-134				
Dichlorodifluoromethane	10.3		"	10.0		103	44-144				
Ethyl Benzene	9.25		"	10.0		92.5	80-131				
Hexachlorobutadiene	9.06		"	10.0		90.6	67-146				
Isopropylbenzene	9.57		"	10.0		95.7	76-140				
Methyl acetate	8.56		"	10.0		85.6	51-139				
Methyl tert-butyl ether (MTBE)	8.98		"	10.0		89.8	76-135				
Methylcyclohexane	8.87		"	10.0		88.7	72-143				
Methylene chloride	9.47		"	10.0		94.7	55-137				
Naphthalene	10.2		"	10.0		102	70-147				
n-Butylbenzene	9.50		"	10.0		95.0	79-132				
n-Propylbenzene	9.49		"	10.0		94.9	78-133				
o-Xylene	9.21		"	10.0		92.1	78-130				
p- & m- Xylenes	18.8		"	20.0		94.0	77-133				
p-Diethylbenzene	9.92		"	10.0		99.2	84-134				
p-Ethyltoluene	9.68		"	10.0		96.8	88-129				
p-Isopropyltoluene	9.37		"	10.0		93.7	81-136				
sec-Butylbenzene	9.23		"	10.0		92.3	79-137				
Styrene	9.77		"	10.0		97.7	67-132				
tert-Butyl alcohol (TBA)	39.6		"	50.0		79.2	25-162				
tert-Butylbenzene	9.13		"	10.0		91.3	77-138				
Tetrachloroethylene	6.17		"	10.0		61.7	82-131	Low Bias			
Toluene	9.22		"	10.0		92.2	80-127				
trans-1,2-Dichloroethylene	9.38		"	10.0		93.8	80-132				
trans-1,3-Dichloropropylene	8.04		"	10.0		80.4	78-131				
Trichloroethylene	9.34		"	10.0		93.4	82-128				
Trichlorofluoromethane	9.32		"	10.0		93.2	67-139				
Vinyl Chloride	10.5		"	10.0		105	58-145				
Surrogate: SURR: 1,2-Dichloroethane-d4	*9.93*		*"*	*10.0*		*99.3*	*69-130*				
Surrogate: SURR: Toluene-d8	*10.0*		*"*	*10.0*		*100*	*81-117*				
Surrogate: SURR: p-Bromofluorobenzene	*9.87*		*"*	*10.0*		*98.7*	*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 BJ21675 - EPA 5030B											
LCS Dup (BJ21675-BSD1)								Prepared & Analyzed: 10/28/2022			
1,1,1,2-Tetrachloroethane	9.05		ug/L	10.0		90.5	82-126		2.23	30	
1,1,1-Trichloroethane	9.51		"	10.0		95.1	78-136		7.19	30	
1,1,2,2-Tetrachloroethane	11.3		"	10.0		113	76-129		4.88	30	
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	9.55		"	10.0		95.5	54-165		12.9	30	
1,1,2-Trichloroethane	9.52		"	10.0		95.2	82-123		3.09	30	
1,1-Dichloroethane	9.47		"	10.0		94.7	82-129		8.36	30	
1,1-Dichloroethylene	10.0		"	10.0		100	68-138		7.54	30	
1,2,3-Trichlorobenzene	9.27		"	10.0		92.7	76-136		5.09	30	
1,2,3-Trichloropropane	10.0		"	10.0		100	77-128		2.83	30	
1,2,4-Trichlorobenzene	9.83		"	10.0		98.3	76-137		0.408	30	
1,2,4-Trimethylbenzene	9.64		"	10.0		96.4	82-132		1.88	30	
1,2-Dibromo-3-chloropropane	3.62		"	10.0		36.2	45-147	Low Bias	34.1	30	Non-dir.
1,2-Dibromoethane	11.4		"	10.0		114	83-124		11.8	30	
1,2-Dichlorobenzene	9.73		"	10.0		97.3	79-123		1.45	30	
1,2-Dichloroethane	9.52		"	10.0		95.2	73-132		9.35	30	
1,2-Dichloropropane	9.89		"	10.0		98.9	78-126		2.25	30	
1,3,5-Trimethylbenzene	9.29		"	10.0		92.9	80-131		0.751	30	
1,3-Dichlorobenzene	9.68		"	10.0		96.8	86-122		2.30	30	
1,3-Dichloropropane	9.82		"	10.0		98.2	81-125		8.27	30	
1,4-Dichlorobenzene	9.36		"	10.0		93.6	85-124		0.213	30	
1,4-Dioxane	179		"	210		85.3	10-349		183	30	Non-dir.
2-Butanone	10.2		"	10.0		102	49-152		8.62	30	
2-Hexanone	8.06		"	10.0		80.6	51-146		12.1	30	
4-Methyl-2-pentanone	8.76		"	10.0		87.6	57-145		13.3	30	
Acetone	6.64		"	10.0		66.4	14-150		165	30	Non-dir.
Acrolein	9.90		"	10.0		99.0	10-153		38.7	30	Non-dir.
Acrylonitrile	9.33		"	10.0		93.3	51-150		12.4	30	
Benzene	9.75		"	10.0		97.5	85-126		5.70	30	
Bromochloromethane	10.3		"	10.0		103	77-128		12.0	30	
Bromodichloromethane	8.83		"	10.0		88.3	79-128		2.18	30	
Bromoform	10.7		"	10.0		107	78-133		12.0	30	
Bromomethane	11.1		"	10.0		111	43-168		3.49	30	
Carbon disulfide	10.4		"	10.0		104	68-146		5.35	30	
Carbon tetrachloride	9.55		"	10.0		95.5	77-141		6.60	30	
Chlorobenzene	9.80		"	10.0		98.0	88-120		1.54	30	
Chloroethane	10.6		"	10.0		106	65-136		5.91	30	
Chloroform	9.58		"	10.0		95.8	82-128		4.81	30	
Chloromethane	10.4		"	10.0		104	43-155		0.866	30	
cis-1,2-Dichloroethylene	9.63		"	10.0		96.3	83-129		8.44	30	
cis-1,3-Dichloropropylene	9.65		"	10.0		96.5	80-131		5.10	30	
Cyclohexane	10.1		"	10.0		101	63-149		8.47	30	
Dibromochloromethane	9.98		"	10.0		99.8	80-130		10.9	30	
Dibromomethane	9.96		"	10.0		99.6	72-134		8.81	30	
Dichlorodifluoromethane	10.7		"	10.0		107	44-144		3.82	30	
Ethyl Benzene	9.65		"	10.0		96.5	80-131		4.23	30	
Hexachlorobutadiene	9.20		"	10.0		92.0	67-146		1.53	30	
Isopropylbenzene	9.42		"	10.0		94.2	76-140		1.58	30	
Methyl acetate	10.1		"	10.0		101	51-139		16.6	30	
Methyl tert-butyl ether (MTBE)	10.2		"	10.0		102	76-135		12.7	30	
Methylcyclohexane	9.27		"	10.0		92.7	72-143		4.41	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 BJ21675 - EPA 5030B											
LCS Dup (BJ21675-BSD1)								Prepared & Analyzed: 10/28/2022			
Methylene chloride	9.94		ug/L	10.0		99.4	55-137		4.84	30	
Naphthalene	11.1		"	10.0		111	70-147		9.01	30	
n-Butylbenzene	9.56		"	10.0		95.6	79-132		0.630	30	
n-Propylbenzene	9.39		"	10.0		93.9	78-133		1.06	30	
o-Xylene	9.51		"	10.0		95.1	78-130		3.21	30	
p- & m- Xylenes	19.5		"	20.0		97.4	77-133		3.55	30	
p-Diethylbenzene	9.82		"	10.0		98.2	84-134		1.01	30	
p-Ethyltoluene	9.79		"	10.0		97.9	88-129		1.13	30	
p-Isopropyltoluene	9.41		"	10.0		94.1	81-136		0.426	30	
sec-Butylbenzene	9.39		"	10.0		93.9	79-137		1.72	30	
Styrene	10.2		"	10.0		102	67-132		3.91	30	
tert-Butyl alcohol (TBA)	55.3		"	50.0		111	25-162		33.1	30	Non-dir.
tert-Butylbenzene	9.32		"	10.0		93.2	77-138		2.06	30	
Tetrachloroethylene	6.47		"	10.0		64.7	82-131	Low Bias	4.75	30	
Toluene	9.49		"	10.0		94.9	80-127		2.89	30	
trans-1,2-Dichloroethylene	9.68		"	10.0		96.8	80-132		3.15	30	
trans-1,3-Dichloropropylene	9.05		"	10.0		90.5	78-131		11.8	30	
Trichloroethylene	9.30		"	10.0		93.0	82-128		0.429	30	
Trichlorofluoromethane	9.90		"	10.0		99.0	67-139		6.04	30	
Vinyl Chloride	10.8		"	10.0		108	58-145		1.97	30	
Surrogate: SURR: 1,2-Dichloroethane-d4	*10.6*		*"*	*10.0*		*106*	*69-130*				
Surrogate: SURR: Toluene-d8	*9.92*		*"*	*10.0*		*99.2*	*81-117*				
Surrogate: SURR: p-Bromofluorobenzene	*9.66*		*"*	*10.0*		*96.6*	*79-122*				

Gas Chromatography/Flame Ionization Detector - 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 BJ21743 - Preparation for GC Analysis											
Blank (BJ21743-BLK1)									Prepared & Analyzed: 10/29/2022		
Methane	ND	10	ug/L								
Ethane	ND	10	"								
Ethylene (Ethene)	ND	10	"								
Duplicate (BJ21743-DUP1)	*Source sample: 22J1446-01 (Duplicate)								Prepared & Analyzed: 10/29/2022		
Methane	1000	10	ug/L		760				27.9	35	
Ethane	ND	10	"		ND					35	
Ethylene (Ethene)	ND	10	"		ND					35	

Metals by ICP - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BJ21352 - EPA 3015A											
Blank (BJ21352-BLK1)									Prepared: 10/24/2022 Analyzed: 10/25/2022		
Iron	ND	0.278	mg/L								
LCS (BJ21352-BS1)									Prepared: 10/24/2022 Analyzed: 10/25/2022		
Iron	0.973		ug/mL	1.00		97.3	80-120				
Duplicate (BJ21352-DUP1)	*Source sample: 22J0805-08 (Duplicate)								Prepared: 10/24/2022 Analyzed: 10/25/2022		
Iron	ND	0.278	mg/L		ND					20	
Matrix Spike (BJ21352-MS1)	*Source sample: 22J0805-08 (Matrix Spike)								Prepared: 10/24/2022 Analyzed: 10/25/2022		
Iron	1.19	0.278	mg/L	1.11	ND	107	75-125				
Post Spike (BJ21352-PS1)	*Source sample: 22J0805-08 (Post Spike)								Prepared: 10/24/2022 Analyzed: 10/25/2022		
Iron	1.21		ug/mL	1.00	0.138	107	75-125				
Batch BJ21691 - EPA 3015A											
Blank (BJ21691-BLK1)									Prepared: 10/28/2022 Analyzed: 10/31/2022		
Iron	ND	0.278	mg/L								
LCS (BJ21691-BS1)									Prepared: 10/28/2022 Analyzed: 10/31/2022		
Iron	1.05		ug/mL	1.00		105	80-120				
Duplicate (BJ21691-DUP1)	*Source sample: 22J1287-10 (Duplicate)								Prepared: 10/28/2022 Analyzed: 11/01/2022		
Iron	ND	0.278	mg/L		ND					20	
Matrix Spike (BJ21691-MS1)	*Source sample: 22J1287-10 (Matrix Spike)								Prepared: 10/28/2022 Analyzed: 11/01/2022		
Iron	1.01	0.278	mg/L	1.11	ND	90.5	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 BJ21691 - EPA 3015A											
Post Spike (BJ21691-PS1)	*Source sample: 22J1287-10 (Post Spike)								Prepared: 10/28/2022 Analyzed: 11/01/2022		
Iron	1.08		ug/mL	1.00	0.0819	100	75-125				
Batch BJ21695 - EPA 3015A											
Blank (BJ21695-BLK1)									Prepared: 10/28/2022 Analyzed: 10/31/2022		
Iron - Dissolved	ND	0.278	mg/L								
LCS (BJ21695-BS1)									Prepared: 10/28/2022 Analyzed: 10/31/2022		
Iron - Dissolved	0.944		ug/mL	1.00		94.4	80-120				
Duplicate (BJ21695-DUP1)	*Source sample: 22J1420-03 (Duplicate)								Prepared: 10/28/2022 Analyzed: 10/31/2022		
Iron - Dissolved	ND	0.278	mg/L		ND					20	
Matrix Spike (BJ21695-MS1)	*Source sample: 22J1420-03 (Matrix Spike)								Prepared: 10/28/2022 Analyzed: 10/31/2022		
Iron - Dissolved	1.07	0.278	mg/L	1.11	ND	96.0	75-125				
Post Spike (BJ21695-PS1)	*Source sample: 22J1420-03 (Post Spike)								Prepared: 10/28/2022 Analyzed: 10/31/2022		
Iron - Dissolved	1.10		ug/mL	1.00	0.0265	107	75-125				

Anions by Ion Chromatography - 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 BJ21380 - EPA 300											
Blank (BJ21380-BLK1)								Prepared & Analyzed: 10/21/2022			
Nitrate as N	ND	0.0500	mg/L								
LCS (BJ21380-BS1)								Prepared & Analyzed: 10/21/2022			
Nitrate as N	9.97	0.0500	mg/L	10.0		99.7	90-110				
Duplicate (BJ21380-DUP1)	*Source sample: 22J1170-01 (Duplicate)							Prepared & Analyzed: 10/21/2022			
Nitrate as N	ND	0.0500	mg/L		ND					15	
Matrix Spike (BJ21380-MS1)	*Source sample: 22J1170-01 (Matrix Spike)							Prepared & Analyzed: 10/21/2022			
Nitrate as N	10.3	0.0500	mg/L	10.0	ND	103	90-110				
Matrix Spike (BJ21380-MS2)	*Source sample: 22J1170-02 (Matrix Spike)							Prepared & Analyzed: 10/21/2022			
Nitrate as N	9.98	0.0500	mg/L	10.0	ND	99.8	90-110				
Batch BJ21467 - EPA 300											
Blank (BJ21467-BLK1)								Prepared & Analyzed: 10/24/2022			
Sulfate	ND	1.00	mg/L								
LCS (BJ21467-BS1)								Prepared & Analyzed: 10/24/2022			
Sulfate	9.14	1.00	mg/L	10.0		91.4	85-115				
Duplicate (BJ21467-DUP1)	*Source sample: 22J0898-01 (Duplicate)							Prepared & Analyzed: 10/24/2022			
Sulfate	13.7	1.00	mg/L		13.4				2.34	15	
Matrix Spike (BJ21467-MS1)	*Source sample: 22J0898-01 (Matrix Spike)							Prepared & Analyzed: 10/24/2022			
Sulfate	22.4	1.00	mg/L	10.0	13.4	90.2	85-115				

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 BK20016 - Analysis Preparation											
Blank (BK20016-BLK1)								Prepared & Analyzed: 11/01/2022			
Sulfide	ND	1.0	mg/L								
LCS (BK20016-BS1)								Prepared & Analyzed: 11/01/2022			
Sulfide	43	1.0	mg/L	50.0		86.4	80-120				
Duplicate (BK20016-DUP1)	*Source sample: 22J1446-01 (Duplicate)							Prepared & Analyzed: 11/01/2022			
Sulfide	2.4	1.0	mg/L		2.4				0.00	15	

Volatile Analysis Sample Containers

Lab ID	Client Sample ID	Volatile Sample Container
22J1175-01	MW-9S	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C
22J1175-02	MW-9I	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C
22J1175-03	MW-7S	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C
22J1175-04	MW-8I	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C

Sample and Data Qualifiers Relating to This Work Order

QL-02	This LCS analyte is outside Laboratory Recovery limits due the analyte behavior using the referenced method. The reference method has certain limitations with respect to analytes of this nature.
J	Detected below the Reporting Limit but greater than or equal to the Method Detection Limit (MDL/LOD) or in the case of a TIC, the result is an estimated concentration.
HT-01	This result was reported from an analysis conducted outside of the EPA recommended holding time.
CONT-01	Analysis was performed on a sample from an improperly preserved container.
CCVE	The value reported is ESTIMATED. The value is estimated due to its behavior during continuing calibration verification (>20% Difference for average Rf or >20% Drift for quadratic fit).
B	Analyte is found in the associated analysis batch blank. For volatiles, methylene chloride and acetone are common lab contaminants.

Definitions and Other Explanations

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

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

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

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

Certification for pH is no longer offered by NYDOH ELAP.

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

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

Field Chain-of-Custody Record

YORK ANALYTICAL LABORATORIES INC

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

YORK Project No. 22J1175

120 Research Drive Stratford, CT 06615 | 132-02 89th Ave Queens, NY 11418 | clientservices@yorklab.com | www.yorklab.com | 800-306-YORK | 800-306-9675

YOUR Information	Report To:	Invoice To:
Company: Impact Environmental	Company:	Company:
Address: 170 Keyland Court Bohemia NY	Address: Same	Address: Same
Phone.: 631-269-8800	Phone.:	Phone.:
Contact: Chris Connolly	Contact:	Contact:
E-mail: cconnolly@impactenvironmental	E-mail:	E-mail:

YOUR Project Number: # 15209

YOUR Project Name: 13-16 BCD

YOUR PO#:

Turn-Around Time

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

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

Samples Collected by: (print 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; NY ASP A Package; NY ASP B Package; CT RCP; CT RCP DQA/DUE; NJDEP Reduced Deliverables; NJDKQP; Standard Excel EDD; EQuIS (Standard); NYSDEC EQuIS; NJDEP SRP HazSite; Other:

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

Sample Identification	Sample Matrix	Date/Time Sampled	Analysis Requested	Container Description
MW-9S	GW	10/21/22 - 09:50	TCL VOC's, total Iron, dissolved iron, Sulfate, Sulfide, Nitrat, total organic carbon, Methane, ethane, ethene	
MW-9I	↓	10/21/22 - 08:50		
MW-7S	↓	10/21/22 - 07:55		
MW-8I	↓	10/21/22 - 07:10		

Comments: Analysis; TCL VOC's, total Iron, dissolved iron, Sulfate, Sulfide, Nitrate, total organic Carbon, Methane, ethane, ethene

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

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

Special Instruction: Field Filtered; Lab to Filter

Samples Relinquished by / Company	Date/Time	Samples Received by / Company	Date/Time
Stone / Impact	10/21/22 12:30	Mark York Labs	10/21/22 1345
Samples Relinquished by / Company	Date/Time	Samples Received by / Company	Date/Time
	10/21/22 1750		10/21/22 2000
Samples Relinquished by / Company	Date/Time	Samples Received by / Company	Date/Time

Samples Received by / Company	Date/Time
Mark York Labs	10/21/22
Samples Received by / Company	Date/Time
Samples Received in LAB by	Date/Time / Temperature
	10/21/22 2000 / 4.5 Degrees C

ATTACHMENT 3

Groundwater Sampling Low Flow Purge Logs

DTW 16.06
DTB 20.35

Location (Site/Facility Name): #15209 1316 Beach Channel Drive							Depth to	/	of Screen
Well Number: MW-2							Pump intake at 18.45		
Field Personnel: AK							Purging Device geosub		
Sampling Organization: IEC							Total Volume Purged ~2.5gal		
Date: 7-13-22							Identify MP		

TIME	DTW	PUMP DIAL	PURGE RATE	TOTAL PURGE VOL	Temp (Cel)	ms/cm	pH	ORP	DO (mg/L)	NTU
820	16.06	17	3.5 L/m	0	19.70	1.75	7.97	134	12.0	457
825	16.07	17		5	19.90	1.80	7.52	143	2.41	402
830	16.07	17		10	18.33	1.77	7.20	147	0.64	325
835	16.06	17		15	19.92	1.69	7.01	147	0.07	313
840	16.06	17		20	20.16	1.71	6.99	145	0.00	312
845	16.06	17		25	20.53	1.71	6.92	144	0.00	313
850	16.06	17		30	20.79	1.69	6.86	143	0.00	311
				35						
				40						
				45						
				50						

water is clear sampled

AK on site 700
CE on site 800
AK setup on MW-3
Collect QAQC samples

PerGMC - note activated carbon (plumestop) in wells if observed injections were June 14-17th [ORP/DO anaerobic conditions]

2-5 L/m ideal purge rate
well volumes (water column height)(well diam. conversion) = 1 well volume
1" = 0.041
2" = .16

[can also use hydrosierra well volume calculator]

DTW 17.25
DTB 23.90

Location (Site/Facility Name) #15209							Depth to	/	of Screen
Well Number MW-3							Pump intake at		
Field Personnel AC / CE							Purging Device geosub		
Sampling Organization IEC							Total Volume Purged ~3gal		
Date 7-13-22							Identify MP		

TIME	DTW	PUMP DIAL	PURGE RATE	TOTAL PURGE VOL	Temp (Cel)	ms/cm	pH	ORP	DO (mg/L)	NTU	
900	17.25	17	3.5L/m	0	21.13	0.823	7.83	175	3.63	850	
905	17.25	17	↓	5	20.88	.868	7.02	185	1.10	846	
910	17.25	17		10	20.84	.870	6.92	184	0.72	772	
915	17.25	17		15	20.89	.833	6.72	179	0.00	500	
920	17.25	17		20	20.82	.808	6.67	178	0.0	462	
925	17.25	17		25	20.86	.792	6.59	176	ϕ	386	
930	17.25	17		30	20.97	.780	6.48	174	ϕ	345	
935	17.25	17	↓	35	20.94	.780	6.45	172	ϕ	337	Sampled
				40							
				45							
				50							

(collected MS/MSD & Dup from MW-3 (940)
collected Field Blank (945)

DTW 19.55
DTB 250

Location (Site/Facility Name)	#15209						Depth to	/	of Screen		
Well Number	MW-11						Pump intake at				
Field Personnel	AK/CE						Purging Device	geosub			
Sampling Organization	IEC						Total Volume Purged	3 gal			
Date	7-13-22						Identify MP				
TIME	DTW	PUMP DIAL	PURGE RATE	TOTAL PURGE VOL	Temp (Cel)	ms/cm	pH	ORP	DO (mg/L)	NTU	
945	19.55	17	~350 ml/m	0	27.51	.260	6.45	183	2.52	1000+	
950	19.55			5	22.93	.257	6.55	193	2.13	1000+	
955	19.55			10	22.48	.256	6.51	196	2.09	1000	
1000	19.55			15	22.05	.255	6.73	201	1.95	815	
1005	19.55			20	21.98	.258	6.67	205	1.99	1000	
1010	19.55			25	22.25	.262	6.61	209	1.96	778	
1015	19.55			30	22.36	.265	6.57	211	2.09	622	
1020	19.55			35	22.36	.264	6.53	214	2.07	604	
1025	19.55	↓	↓	40	22.29	.265	6.51	215	2.02	600	sampled
				45							
				50							

DTW 22.15
DTB 51.45

Location (Site/Facility Name) #15209							Depth to	/	of Screen	
Well Number MW-4T							Pump intake at			
Field Personnel AIL / CE							Purging Device QED Sub			
Sampling Organization IEC							Total Volume Purged ~3.gal			
Date 7-13-22							Identify MP			

TIME	DTW	PUMP DIAL	PURGE RATE	TOTAL PURGE VOL	Temp (Cel)	ms/cm	pH	ORP	DO (mg/L)	NTU	
1100	22.15	17	~3.5L/m	0	20.83	1.64	6.34	190	4.81	776	
1105	22.15	↓	↓	5	19.49	1.57	6.47	164	0.02	658	
1110	22.15			10	19.76	1.47	6.47	144	∅	476	turbidity stabilized @ ~500 water clear
1115	22.15			15	20.94	1.42	6.44	126	∅	505	
1120	22.15			20	21.26	1.42	6.44	120	∅	621	
1125	22.15	↓	↓	25	21.23	1.42	6.45	117	∅	615	Sampled
				30							
				35							
				40							
				45							
				50							

DTW 23.80
DTB 39.10

Location (Site/Facility Name) #15209							Depth to	/	of Screen
Well Number MW-4S							Pump intake at		
Field Personnel AK / CE							Purging Device		
Sampling Organization IEC							Total Volume Purged		
Date 7-13-22							Identify MP		

TIME	DTW	PUMP DIAL	PURGE RATE	TOTAL PURGE VOL	Temp (Cel)	ms/cm	pH	ORP	DO (mg/L)	NTU
1130	23.80	17	~350/m	0	23.45	.945	7.17	110	1.43	1000+
1135	23.80	↓	↓	5	23.96	.941	7.12	99	0.99	796
1140	23.80			10	24.13	.993	6.93	96	0.47	928
1145	23.80			15	24.86	1.03	6.80	87	0.22	1000
1150	23.80			20	25.48	1.07	6.90	73	0.06	1000
1155	23.80			25	26.41	1.15	6.85	70	∅	1000
1200	23.80			30	27.51	1.21	6.79	68	∅	1000
1205	23.80	↓	↓	35	26.35	1.25	6.85	68	∅	1000
				40						
				45						
				50						

horiba stirring sun

DTW 22.55
DTB 25.40

Location (Site/Facility Name)	#15209						Depth to	/	of Screen		
Well Number	mw-5						Pump intake at				
Field Personnel	AK/CE						Purging Device				
Sampling Organization	IEC						Total Volume Purged				
Date	7-13-22						Identify MP				
TIME	DTW	PUMP DIAL	PURGE RATE	TOTAL PURGE VOL	Temp (Cel)	ms/cm	pH	ORP	DO (mg/L)	NTU	
1205	22.55	17	~3.5 L/m	0	18.43	1.32	7.27	118	3.71	1000	
1210	22.55			5	18.95	1.53	7.24	116	1.97	1000	
1215	22.55			10	19.21	1.62	7.25	116	1.52	602	
1220	22.55			15	19.23	1.63	7.27	117	1.43	444	
1225	22.35			20	19.20	1.62	7.29	117	1.42	386	
1230	22.55			25	19.15	1.61	7.29	118	1.39	355	
1245	22.55			30	19.20	1.61	7.28	117	1.38	348	
1250	22.55			35	19.17	1.61	7.28	117	1.38	340	
1255	22.55			40	19.17	1.60	7.29	118	1.37	325	sampled
				45							
				50							

Location (Site/Facility Name)							Depth to	/	of Screen	
Well Number							Pump intake at			
Field Personnel							Purging Device			
Sampling Organization							Total Volume Purged			
Date							Identify MP			
TIME	DTW	PUMP DIAL	PURGE RATE	TOTAL PURGE VOL	Temp (Cel)	ms/cm	pH	ORP	DO (mg/L)	NTU
				0						
				5						
				10						
				15						
				20						
				25						
				30						
				35						
				40						
				45						
				50						

Location (Site/Facility Name)							Depth to	/	of Screen	
Well Number							Pump intake at			
Field Personnel							Purging Device			
Sampling Organization							Total Volume Purged			
Date							Identify MP			
TIME	DTW	PUMP DIAL	PURGE RATE	TOTAL PURGE VOL	Temp (Cel)	ms/cm	pH	ORP	DO (mg/L)	NTU
				0						
				5						
				10						
				15						
				20						
				25						
				30						
				35						
				40						
				45						
				50						

Location (Site/Facility Name)							Depth to	/	of Screen	
Well Number							Pump intake at			
Field Personnel							Purging Device			
Sampling Organization							Total Volume Purged			
Date							Identify MP			
TIME	DTW	PUMP DIAL	PURGE RATE	TOTAL PURGE VOL	Temp (Cel)	ms/cm	pH	ORP	DO (mg/L)	NTU
				0						
				5						
				10						
				15						
				20						
				25						
				30						
				35						
				40						
				45						
				50						

WELL PURGING-FIELD WATER QUALITY MEASUREMENTS FORM

Location (Site/Facility Name)_____
Well Number MW-10 Date 7-14-22
Field Personnel CE/TS
Sampling Organization IEC
Identify MP_____

Depth to _____/_____ of screen
(below MP) top bottom
Pump Intake at (ft. below MP)_____
Purging Device; (pump type) Submersible
Total Volume Purged 5g

Clock Time 24 HR	Water Depth below MP ft	Pump Dial[1]	Purge Rate ml/min	Cum. Volume Purged liters	Temp. °C	Spec. Cond.[2] µS/cm	pH	ORP[3] mv	DO mg/L	Tur-bidity NTU	Comments
09:25			300ml/min		19.24	1.09	7.25	-128	1.73	174	
09:30	16.08'		↓		18.98	1.04	7.15	-113	2.09	196	
09:35	16.08'		↓		18.83	1.02	7.06	-106	2.25	246	Cleared Flow Cell
09:40	16.08'		↓		18.69	1.02	6.98	-105	2.58	165	
09:45	16.08'		↓		18.54	1.04	6.93	-98	~~1.55~~	158	DO: 2.46
09:50	16.08'		↓		18.62	1.03	6.94	-93	2.48	162	
09:55	16.08'		↓		18.73	1.03	6.93	-87	2.41	161	
											Sampled @ 10:00
Stabilization Criteria					3%	3%	±0.1	±10 mv	10%	10%	

1. Pump dial setting (for example: hertz, cycles/min, etc).
2. µSiemens per cm(same as µmhos/cm)at 25°C.
3. Oxidation reduction potential (ORP)

WELL PURGING-FIELD WATER QUALITY MEASUREMENTS FORM

Location (Site/Facility Name) _____
Well Number MW-75 Date 7-14-22
Field Personnel CE/TS
Sampling Organization IEC
Identify MP _____

Depth to _____/_____ of screen
(below MP) top bottom
Pump Intake at (ft. below MP) _____
Purging Device; (pump type) Submersible
Total Volume Purged 79

Clock Time 24 HR	Water Depth below MP ft	Pump Dial[1]	Purge Rate ml/min	Cum. Volume Purged liters	Temp. °C	Spec. Cond.[2] µS/cm	pH	ORP[3] mv	DO mg/L	Tur-bidity NTU	Comments
1210					18.59	0.343	7.17	-171	0.86	370	
1215					18.46	0.343	7.18	-173	0.74	255	
1220					18.20	0.345	7.28	-173	0.47	238	
1225					18.53	0.343	7.30	-173	0.40	240	
1230					18.61	0.341	7.31	-174	0.38	206	
1235					18.66	0.345	7.31	-175	0.35	180	
1240					18.71	0.345	7.37	-175	0.33	147	
											Sampled @ 12:45
Stabilization Criteria					3%	3%	±0.1	±10 mv	10%	10%	

1. Pump dial setting (for example: hertz, cycles/min, etc).
2. µSiemens per cm(same as µmhos/cm)at 25°C.
3. Oxidation reduction potential (ORP)

WELL PURGING-FIELD WATER QUALITY MEASUREMENTS FORM

Location (Site/Facility Name)_____
Well Number MW-85 Date 7-14-22
Field Personnel CE/MS
Sampling Organization IEC
Identify MP_____

Depth to _____/_____ of screen
(below MP) top bottom
Pump Intake at (ft. below MP)_____
Purging Device; (pump type) submersible
Total Volume Purged 8g

Clock Time 24 HR	Water Depth below MP ft	Pump Dial[1]	Purge Rate ml/min	Cum. Volume Purged liters	Temp. °C	Spec. Cond.[2] µS/cm	pH	ORP[3] mv	DO mg/L	Tur-bidity NTU	Comments
1114											
1119			400ml/min		18.53	1.77	5.96	16	~~0~~ 1.28	674	
1124			↓		18.43	1.59	5.85	25	0.60	432	
1129					18.62	1.51	5.24	63	0.30	188	
11:34					18.51	1.49	5.72	84	0.24	154	
11:39					18.69	1.47	5.74	95	0.21	148	
11:44					18.78	1.46	5.73	101	0.22	150	
											Sampled @ 11:50
Stabilization Criteria					3%	3%	±0.1	±10 mv	10%	10%	

1. Pump dial setting (for example: hertz, cycles/min, etc).
2. µSiemens per cm(same as µmhos/cm)at 25°C.
3. Oxidation reduction potential (ORP)

WELL PURGING-FIELD WATER QUALITY MEASUREMENTS FORM

Location (Site/Facility Name)_____
Well Number MW-8I Date 7-14-22
Field Personnel CE/TS
Sampling Organization IEC
Identify MP_____

Depth to _____/_____ of screen
(below MP) top bottom
Pump Intake at (ft. below MP)_____
Purging Device; (pump type) submersible
Total Volume Purged 5g

Clock Time 24 HR	Water Depth below MP ft	Pump Dial[1]	Purge Rate ml/min	Cum. Volume Purged liters	Temp. °C	Spec. Cond.[2] µS/cm	pH	ORP[3] mv	DO mg/L	Tur-bidity NTU	Comments
10:31			300ml/min		18.57	0.783	7.15	-91	1.66	194	
10:36					18.64	1.48	7.10	-88	1.79	190	
10:41					19.10	2.14	7.08	-72	2.04	188	
10:46					19.21	2.37	7.10	-63	2.66	185	Changed to whale pump
10:51					19.26	2.47	7.03	-52	1.81	184	
10:56					19.31	2.33	6.99	-38	0.99	179	
11:01					19.41	2.15	6.98	-20	1.05	176	
											Sampled @ 11:05
Stabilization Criteria					3%	3%	±0.1	±10 mv	10%	10%	

1. Pump dial setting (for example: hertz, cycles/min, etc).
2. µSiemens per cm(same as µmhos/cm)at 25°C.
3. Oxidation reduction potential (ORP)

WELL PURGING-FIELD WATER QUALITY MEASUREMENTS FORM

Location (Site/Facility Name)_____
Well Number MW-7I Date 7-14-22
Field Personnel TS/CE
Sampling Organization IEc
Identify MP_____

Depth to _____/_____ of screen
(below MP) top bottom
Pump Intake at (ft. below MP)_____
Purging Device; (pump type) submersible
Total Volume Purged 8 gal

Clock Time 24 HR	Water Depth below MP ft	Pump Dial[1]	Purge Rate ml/min	Cum. Volume Purged liters	Temp. °C	Spec. Cond.[2] µS/cm	pH	ORP[3] mv	DO mg/L	Tur-bidity NTU	Comments
1250					18.44	1.51	6.88	-220	0.39	922	Heavy caving in Eluvia
1255					18.26	2.28	6.45	-134	0.21	142	CLEARED
1300					18.11	2.22	6.35	-105	0.19	129	
1305					18.10	2.19	6.29	-89	0.18	126	
1310					18.21	2.18	6.23	-74	0.17	126	
1315					18.63	2.14	6.21	-44	0.15	122	
1320					18.69	2.11	6.20	-39	0.15	123	
											Sampled @ 13:25
											8 Gal
Stabilization Criteria					3%	3%	±0.1	±10 mv	10%	10%	

1. Pump dial setting (for example: hertz, cycles/min, etc).
2. µSiemens per cm(same as µmhos/cm)at 25°C.
3. Oxidation reduction potential (ORP)

WELL PURGING-FIELD WATER QUALITY MEASUREMENTS FORM

Location (Site/Facility Name)_____
Well Number MW-95 Date 7-14-22
Field Personnel CS MTS
Sampling Organization IEC
Identify MP_____

Depth to _____/_____ of screen
(below MP) top bottom
Pump Intake at (ft. below MP)_____
Purging Device; (pump type) Submersible
Total Volume Purged _____

Clock Time 24 HR	Water Depth below MP ft	Pump Dial[1]	Purge Rate ml/min	Cum. Volume Purged liters	Temp. °C	Spec. Cond.[2] µS/cm	pH	ORP[3] mv	DO mg/L	Tur-bidity NTU	Comments
13:35			400ml/min		18.62	1.89	6.01	-2	1.65	267	
13:40					19.03	2.11	5.90	2	~~187~~	183	DO: 0.77
13:45					19.04	2.09	5.89	10	0.62	169	
13:50					19.05	2.08	5.89	17	0.48	150	
13:55					19.06	2.06	5.84	21	0.30	142	
14:00					19.08	2.03	5.87	30	0.28	136	
14:05					19.11	2.00	5.88	32	0.27	129	Sample @ 1410
Stabilization Criteria					3%	3%	±0.1	±10 mv	10%	10%	

1. Pump dial setting (for example: hertz, cycles/min, etc).
2. µSiemens per cm(same as µmhos/cm)at 25°C.
3. Oxidation reduction potential (ORP)

WELL PURGING-FIELD WATER QUALITY MEASUREMENTS FORM

Location (Site/Facility Name)_____
Well Number MW-9 Date 7-14-22
Field Personnel CJ/JS
Sampling Organization IEC
Identify MP_____

Depth to _____/_____ of screen
(below MP) top bottom
Pump Intake at (ft. below MP)_____
Purging Device; (pump type) submersible
Total Volume Purged _____

Clock Time 24 HR	Water Depth below MP ft	Pump Dial[1]	Purge Rate ml/min	Cum. Volume Purged liters	Temp. °C	Spec. Cond.[2] µS/cm	pH	ORP[3] mv	DO mg/L	Tur-bidity NTU	Comments
1415			300ml/min		18.69	1.80	6.22	22	1.83	308	
1420					18.65	1.72	6.98	-39	0.99	260	
1425					18.70	1.44	7.01	-43	1.59	246	
1430					18.81	1.13	7.13	-21	1.89	227	
1435					19.53	1.09	7.20	-13	2.42	242	
1440					20.32	1.05	7.21	-9	2.35	253	
1445					20.52	1.06	7.22	-7	2.42	250	@1445
Stabilization Criteria					3%	3%	±0.1	±10 mv	10%	10%	

1. Pump dial setting (for example: hertz, cycles/min, etc).
2. µSiemens per cm(same as µmhos/cm)at 25°C.
3. Oxidation reduction potential (ORP)

MW-1

WELL PURGING-FIELD WATER QUALITY MEASUREMENTS FORM

Location (Site/Facility Name)_____
Well Number ~~MW-1~~ Date 7-14-22
Field Personnel CC/TS
Sampling Organization IEC
Identify MP_____

Depth to _____/_____ of screen
(below MP) top bottom
Pump Intake at (ft. below MP)_____
Purging Device; (pump type) Submersible
Total Volume Purged _____

Clock Time 24 HR	Water Depth below MP ft	Pump Dial[1]	Purge Rate ml/min	Cum. Volume Purged liters	Temp. °C	Spec. Cond.[2] µS/cm	pH	ORP[3] mv	DO mg/L	Tur-bidity NTU	Comments
1455					18.37	1.51	7.02	-96	9.03	507	
1500					18.22	1.55	6.83	-56	8.03	263	
1505					18.27	1.56	6.83	-55	7.69	260	
1610					18.30	1.55	6.82	-50	0.46	250	
1615					18.39	1.55	6.81	-46	0.36	245	
1520					18.37	1.55	6.82	-47	0.35	243	
1525					18.36	1.55	6.81	-45	0.34	242	
Stabilization Criteria					3%	3%	±0.1	±10 mv	10%	10%	

1. Pump dial setting (for example: hertz, cycles/min, etc).
2. µSiemens per cm(same as µmhos/cm)at 25°C.
3. Oxidation reduction potential (ORP)

WELL PURGING-FIELD WATER QUALITY MEASUREMENTS FORM

Location (Site/Facility Name) 13-16 Beach Channel Drive
Well Number MW-8I Date 10-21-22
Field Personnel NB/CE
Sampling Organization Impact Environmental
Identify MP

Depth to ____/____ of screen
(below MP) top bottom
Pump Intake at (ft. below MP) 50
Purging Device; (pump type) Masterflex
Total Volume Purged

Clock Time 24 HR	Water Depth below MP ft	Pump Dial[1]	Purge Rate ml/min	Cum. Volume Purged liters	Temp. °C	Spec. Cond.[2] µS/cm	pH	ORP[3] mv	DO mg/L	Tur-bidity NTU	Comments
0640		40%	300		16.46	2.10	6.39	72	1.09	368	
0645		40%	300		16.26	2.11	6.38	73	1.00	368	
0650		42%	300		16.49	2.09	643	70	0.81	337	
0655		50	300		17.06	2.05	6.49	60	0.69	365	
07:00		50	300		17.04	1.96	6.44	58	0.68	350	
07:05		50	300		17.02	1.95	6.52	57	0.67	345	
											Sample @ 0710

Stabilization Criteria 3% 3% ±0.1 ±10 mv 10% 10%

1. Pump dial setting (for example: hertz, cycles/min, etc).
2. µSiemens per cm(same as µmhos/cm)at 25°C.
3. Oxidation reduction potential (ORP)

WELL PURGING-FIELD WATER QUALITY MEASUREMENTS FORM

Location (Site/Facility Name) 13-16 Beach Channel Drive
Well Number MW-95 Date 10-21-22
Field Personnel NB/CE
Sampling Organization Impact Environmental
Identify MP

Depth to _____/_____ of screen
(below MP) top bottom
Pump Intake at (ft. below MP)_____
Purging Device; (pump type)_____
Total Volume Purged _____

Clock Time 24 HR	Water Depth below MP ft	Pump Dial[1]	Purge Rate ml/min	Cum. Volume Purged liters	Temp. °C	Spec. Cond.[2] µS/cm	pH	ORP[3] mv	DO mg/L	Tur-bidity NTU	Comments
0905	38	38	200		16.82	2.16	5.54	57	0.45	296	
0910			200		16.87	2.28	5.56	66	0.33	290	
0915			200		16.89	2.35	5.51	78	0.27	281	
0920			200		16.89	2.34	5.53	79	0.24	276	
0925			200		16.84	2.31	5.57	76	0.22	272	
0930			200		16.87	2.30	5.61	75	0.21	268	
0935			200		16.83	2.29	5.62	74	0.21	267	
Stabilization Criteria					3%	3%	±0.1	±10 mv	10%	10%	

1. Pump dial setting (for example: hertz, cycles/min, etc).
2. µSiemens per cm(same as µmhos/cm)at 25°C.
3. Oxidation reduction potential (ORP)

WELL PURGING-FIELD WATER QUALITY MEASUREMENTS FORM

Location (Site/Facility Name) 13-16 Beach Channel Drive
Well Number MW-81 Date 10/20/22
Field Personnel NS/CE
Sampling Organization Impact Environmental
Identify MP

Depth to ____/____ of screen
(below MP) top bottom
Pump Intake at (ft. below MP) 54'
Purging Device; (pump type) Monsoon
Total Volume Purged ____

Clock Time 24 HR	Water Depth below MP ft	Pump Dial[1]	Purge Rate ml/min	Cum. Volume Purged liters	Temp. °C	Spec. Cond.[2] µS/cm	pH	ORP[3] mv	DO mg/L	Tur-bidity NTU	Comments
0830	~~54~~	5.5	200		15.95	2.25	6.96	-39	1.04	664	pump malfunction
0900 ~~0835~~		5.5	200		16.04	2.20	6.86	-8	0.94	439	↓
0905 ~~0840~~		5.5	200		16.02	2.19	6.75	2	0.86	428	↓
0930 ~~0845~~		6	200		16.04	2.07	6.58	18		382	
0935 ~~0850~~		6	200		16.42						
0940 ~~0855~~		6	200								
0945 0900		6	200								
0950											
Stabilization Criteria					3%	3%	±0.1	±10 mv	10%	10%	

1. Pump dial setting (for example: hertz, cycles/min, etc).
2. µSiemens per cm(same as µmhos/cm)at 25°C.
3. Oxidation reduction potential (ORP)

WELL PURGING-FIELD WATER QUALITY MEASUREMENTS FORM

Location (Site/Facility Name) 13-16 Beach Channel Drive
Well Number MW-9I Date 10-22-22
Field Personnel NS/CE
Sampling Organization Impact Environmental
Identify MP

Depth to ____/____ of screen
(below MP) top bottom
Pump Intake at (ft. below MP)____
Purging Device; (pump type)____
Total Volume Purged ____

Clock Time 24 HR	Water Depth below MP ft	Pump Dial[1]	Purge Rate ml/min	Cum. Volume Purged liters	Temp. °C	Spec. Cond.[2] µS/cm	pH	ORP[3] mv	DO mg/L	Tur-bidity NTU	Comments
0820	50	39%	250		16.31	1.80	7.29	-59	0.64	724	
0825	↓		250		16.90	1.79	7.26	-69	0.32	513	
0830			250		16.74	1.80	7.18	-65	0.29	411	
0835			250		16.24	1.81	7.22	-66	0.31	308	
0840			250		16.20	1.82	7.24	-68	0.32	300	
0845	↓		250		16.19	1.82	7.26	-69	0.31	289	
Stabilization Criteria					3%	3%	±0.1	±10 mv	10%	10%	

1. Pump dial setting (for example: hertz, cycles/min, etc).
2. µSiemens per cm(same as µmhos/cm)at 25°C.
3. Oxidation reduction potential (ORP)

WELL PURGING-FIELD WATER QUALITY MEASUREMENTS FORM

Location (Site/Facility Name) 13-16 Beach Channel Drive
Well Number MW-7S Date 10.22.21
Field Personnel NS/CE
Sampling Organization Impact Environmental
Identify MP

Depth to ____/____ of screen
(below MP) top bottom 42'
Pump Intake at (ft. below MP)____
Purging Device; (pump type) Monsoon
Total Volume Purged ____

Clock Time 24 HR	Water Depth below MP ft	Pump Dial[1]	Purge Rate ml/min	Cum. Volume Purged liters	Temp. °C	Spec. Cond.[2] µS/cm	pH	ORP[3] mv	DO mg/L	Tur-bidity NTU	Comments
0725		37.1	300		16.66	2.73	6.33	-17	0.46	364	Carbon on Purge
0730			300		16.69	2.77	6.33	-13	0.47	343	
0735			300		16.85	2.79	6.25	53	0.34	262	
0740			300		16.89	2.48	6.22	65	0.31	252	
0745			306			2.45	6.20	70	0.30	245	
0750			300		16.86	2.43	6.21	73	0.28	240	
											Sample 0755
Stabilization Criteria					3%	3%	±0.1	±10 mv	10%	10%	

1. Pump dial setting (for example: hertz, cycles/min, etc).
2. µSiemens per cm(same as µmhos/cm)at 25°C.
3. Oxidation reduction potential (ORP)