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Groundwater Monitoring Report

Former Provan Ford Site – On Site

146-172 Mill Street

Newburgh, New York 12550

NYSDEC Site Number: B00127-3

Prepared for:

146-172 Mill St, LLC

17-23 Dickson St

Newburgh, New York 12550

Prepared by:

EcoTec LLC Environmental Services

3 Nancy Court, Suite 4

Wappingers Falls, New York 12590

Report Date:

April 8, 2021

Introduction:

This Groundwater Monitoring Report (GMR) was prepared by EcoTec LLC Environmental Services (EcoTec) on the behalf of 146-172 Mills St, LLC to summarize the groundwater sampling activities conducted on the onsite groundwater monitoring wells associated with the former Provan Ford Site, NYSDEC Site B000127-3 in accordance with the requirements of the June 2016 Site Management Plan (SMP) approved by the New York State Department of Environmental Conservation (NYSDEC).

Site History:

The City of Newburgh (City) entered into a SAC with the NYSDEC in September 2007 to investigate and remediate the Site. The City's contractor First Environment lead all remedial activities with NYSDEC Approved Work Plans. Based on the findings of historical on-site groundwater sampling activities, petroleum related constituents and dissolved-phase chlorinated volatile organic compounds (CVOCs) were identified and have migrated off site to the southeast within the overburden and intermediate aquifer.

Several groundwater sampling events occurred from 2010 through investigative phase and until final remedial activities were completed in late 2015. The historical groundwater data was obtained from the Final Engineering Report (FER) Dated June 2016 prepared by First Environment.

Furthermore, petroleum-based constituents, such as benzene, ethylbenzene, total xylenes, and MTBE, were detected at concentrations above their respective standards in the on-site monitoring wells only.

According to the FER, local groundwater in the overburden flows to southeast of the site at an average velocity of 8.9×10^{-4} ft/ day.

Groundwater Monitoring Well Gauging & Sampling Activities:

In accordance with the Quality Assurance Project Plan (QAPP) within the SMP, EcoTec performed groundwater gauging and sampling on the onsite groundwater monitoring wells. The groundwater monitoring wells were gauged for static water level within the well casing prior to sampling activities. A summary of the groundwater elevations and gauging data are included in Table 1. Depth to groundwater measurements were collected March 24, 2021 using a Solinst Interface Probe graduated in 0.01 foot intervals. Depth to groundwater measurements were taken from the northernmost top of monitoring well casings. The data summarizing the groundwater elevations are noted in Table 1 below.

Table 1. On-site Monitoring Well Groundwater Elevation Data

MW - ID	Top of Casing Elevation*	Depth to Water (from ToC)	Product Thickness	Groundwater Elevation
MW-5	132.85'	11.92'	0.0'	120.93'
MW-8	129.26'	9.80'	0.0'	120.16'
MW-11I	126.48'	8.12'	0.0	118.36'

*Elevations from Appendix D of Final SMP 6-23-2016

Each well was purged utilizing a low-flow purge methodology. The wells were purged at a low rate (less than 1L per minute) utilizing a peristaltic pump and dedicated polyethylene tubing. Groundwater field parameters including dissolved oxygen, pH, turbidity, conductivity and ORP were monitored during purging activities utilizing an in-line flow cell with a YSI Multiparameter Water Quality Meter. All field analytical equipment was calibrated per Manufacturer's specifications prior to each day's use. The groundwater field parameter measurements were documented in Attachment A "Low Flow Purging/Sampling Log".

Groundwater samples were obtained from disconnecting the intake hose from the flow through cell discharging the effluent water into three (3) 40ml glass vials preserved with HCl provided by the analytical laboratory. A field duplicate sample was obtained from MW-8 and was identified on the chain of custody as "DUP-8". The samples were marked for identification utilizing the Groundwater Monitoring Well Identification Number. The samples were placed on ice and transported under chain of custody to York Analytical Laboratories (NYSDOH ELAP Certified), located in Stratford, CT the following day. A trip blank prepared by the laboratory accompanied the glassware during sampling activities and back to the laboratory. The samples were analyzed within the prescribed holding times for Volatile Organic Compounds (VOCs) utilizing United States Environmental Protection Agency (USEPA) Method 8260.

Results:

Laboratory analysis of the groundwater sampling from MW-5 resulted in the detection of a total of twelve (12) compounds above the laboratory method detection limit (MDL). Ten (10) of the compounds exceed their respective Standards, Criteria, and Guidance Values (SCGs) for groundwater – Ambient Water Quality Standards and Guidance Values (TOGs 1.1.1), 6 NYCRR Part 703, Surface water and Groundwater Quality Standards, and Part 5 of the New York State Sanitary Code (10 NYCRR Part 5).

Laboratory analysis of the groundwater sampling from MW-8 resulted in the detection of a total of four (4) compounds above the laboratory MDL. None of the compounds detected exceed their respective SCGs for groundwater.

Laboratory analysis of the groundwater sampling from MW-11I resulted in the detection of a total of two (2) compounds above the laboratory MDL. None of the compounds detected exceed their respective SCGs for groundwater.

Data for the compounds detected is summarized in **Table 2** below.

The data was compared to historical data collected by First Environment and is summarized in **Table 3** below.

The results of the sampling indicate that the primary constituents of concern (BTEX, CVOCs) continue to show a decrease in concentrations detected over time.

All purged groundwater was containerized in 55 gallons drums and will be characterized (if necessary) and properly disposed of at a licensed facility. Waste manifests will be forwarded to the NYSDEC upon completion of the waste disposal.

Table 2 Laboratory Groundwater Analytical Results

COMPOUND LIST 8260 Full	SCG*	MW-5 3/23/21	MW-8 3/23/21	DUP-8** 3/23/21	MW-11I 3/23/21
1,1,1,2- Tetrachloroethane	5	ND	ND	ND	ND
1,1,1- Trichloroethane	5	ND	ND	ND	ND
1,1,2,2- Tetrachloroethane	5	ND	ND	ND	ND
1,1,2-Trichloro-1,2,2-trifluoroethane	5	ND	ND	ND	ND
1,1,2,- Trichloroethane	5	ND	ND	ND	ND
1,1,-Dichloroethane	5	ND	ND	ND	ND
1,1-Dichloroethylene	0.7	ND	ND	ND	ND
1,2,3-Trichlorobenzene	5	ND	ND	ND	ND
1,2,3- Trichloropropane	0.04	ND	ND	ND	ND
1,2,4-Trichlorobenzene	10	ND	ND	ND	ND
1,2,4-Trimethylbenzene	5	550	ND	ND	ND
1,2-Dibromo-3-chloropropane	5	ND	ND	ND	ND
1,2-Dibromoethane	5	ND	ND	ND	ND
1,2-Dichlorobenzene	4.7	ND	ND	ND	ND
1,2-Dichloroethane	5	ND	ND	ND	ND
1,2-Dichloropropane	5	ND	ND	ND	ND
1,3,5-Trimethylbenzene	5	7.7	ND	ND	ND
1,3-Dichlorobenzene	5	ND	ND	ND	ND
1,4-Dichlorobenzene	4.7	ND	ND	ND	ND
1,4-Dioxane	NL	ND	ND	ND	ND
2-Butanone	50	ND	0.29 J	0.41 J	ND
2-Hexanone	50	ND	ND	ND	ND
4-Methyl-2-pentanone	50	ND	ND	ND	ND
Acetone	50	ND	ND	ND	ND
Acrolein	5	ND	ND	ND	ND
Acrylonitrile	0.7	ND	ND	ND	ND
Benzene	1	270	0.25 J	ND	ND
Bromochloromethane	5	ND	ND	ND	ND

Bromodichloromethane	50	ND	ND	ND	ND
Bromoform	50	ND	ND	ND	ND
Bromomethane	5	ND	ND	ND	ND
Carbon disulfide	50	ND	ND	ND	ND
Carbon tetrachloride	5	ND	ND	ND	ND
Chlorobenzene	5	ND	ND	ND	ND
Chloroethane	5	ND	ND	ND	ND
Chloroform	7	ND	ND	ND	ND
Chloromethane	5	ND	ND	ND	ND
cis-1,2-Dichloroethylene	5	ND	ND	ND	3.2
cis-1,3-Dichloropropylene	5	ND	ND	ND	ND
Cyclohexane	50	43	ND	ND	ND
Dibromochloromethane	50	ND	ND	ND	ND
Dibromomethane	5	ND	ND	ND	ND
Ethyl Benzene	5	360	ND	ND	ND
Hexachlorobutadiene	0.5	ND	ND	ND	ND
Isopropylbenzene	5	38	ND	ND	ND
Methyl acetate	50	ND	ND	ND	ND
Methyl tert-butyl ether	10	ND	8.6	7.1	ND
Methylcyclohexane	50	24	ND	ND	ND
Methylene chloride	5	ND	ND	ND	ND
n-Butylbenzene	5	15	ND	ND	ND
n-Propylbenzene	5	120	ND	ND	ND
o-Xylene	5	ND	ND	ND	ND
p-&m- Xylenes	NL	11	ND	ND	ND
p-Isopropyltoluene	5	6.3	ND	ND	ND
sec-Butylbenzene	5	ND	ND	ND	ND
Styrene	5	9.7	ND	ND	ND
tert-Butyl alcohol	NL	ND	82	66	ND
tert-Butylbenzene	5	ND	ND	ND	ND
Tetrachloroethylene	5	ND	ND	ND	ND
Toluene	5	ND	ND	ND	ND
trans-1,2-Dichloroethylene	5	ND	ND	ND	ND
trans-1,3-Dichloropropylene	5	ND	ND	ND	ND
trans-1,4-dichloro-2-butene	5	ND	ND	ND	ND
Trichloroethylene	5	ND	ND	ND	0.53
Trichlorofluoromethane	5	ND	ND	ND	ND
Vinyl chloride	2	ND	ND	ND	ND
Xylenes, Total	5	11 J	ND	ND	ND

Table Notes:

All Values are reported in micrograms per liter (µg/L or ppb)

SCG*: Standards, Criteria and Guidance Values (SCGs) for groundwater - Ambient Water Quality Standards and Guidance Values (TOGs 1.1.1.), 6 NYCRR Part 703, Surface Water and Groundwater Quality Standards, and Part 5 of the NYS Sanitary Code

RED values indicate exceedance of applicable NYSDEC guidance values

ND: Not Detected Above Applicable Laboratory Detection Limits

J - Laboratory Qualifier (Result is less than the reporting limit, but greater than the method detection limit and the concentration is an approximate value)

** DUP-8; Field duplicate for MW-8.

Table 3 Historical Groundwater Analytical Results with Current Results

Note: Historical data provided by Final Engineering Report June 2016 prepared by First Environment. **BOLD** indicates current data.

MW-5					
<u>Year</u>	<u>TCE</u>	<u>cis-1,2-DCE</u>	<u>VC</u>	<u>CVOC</u>	<u>BTEX</u>
9/6/01	170	230	ND	8200	18400
10/22/03	ND	ND	ND	ND	42000
2/24/09	ND	ND	ND	ND	7741
9/21/11	ND	1.3	0.67	2	2375
8/9/13	ND	ND	ND	ND	2775
11/1/13	ND	3.7	ND	4	4664
3/26/14	ND	2.8	ND	4	4334
9/5/14	ND	ND	ND	ND	1834
8/12/15	ND	ND	ND	ND	464
5/3/18	9	ND	ND	9	1294
3/23/21	ND	ND	ND	ND	641

MW-8					
<u>Year</u>	<u>TCE</u>	<u>cis-1,2-DCE</u>	<u>VC</u>	<u>CVOC</u>	<u>BTEX</u>
9/5/01	11	200	46	274	31
10/22/03	ND	6	16	22	5
2/24/09	ND	ND	3.7	4	ND
9/21/11	ND	0.71	2.9	3	2
8/8/13	ND	11.3	2.3	14	3
11/1/13	3.5	110	16.1	209	81
9/5/14	ND	0.47	ND	1	ND
8/11/15	ND	1.4	ND	ND	ND
5/3/18	2.5	31	ND	36.2	2.9
3/23/21	ND	ND	ND	ND	0.25

MW-11I					
<u>Year</u>	<u>TCE</u>	<u>cis-1,2-DCE</u>	<u>VC</u>	<u>CVOC</u>	<u>BTEX</u>
10/22/03	300	2100	71	2471	12
2/25/09	130	1300	45	2101	3
9/21/11	3.9	46	ND	53	ND

8/8/13	73.9	1200	17.7	1393	2
10/31/13	70	1100	13.3	1262	1
3/25/14	81.6	1300	20.8	1495	ND
9/5/14	41.8	670	7.3	734	ND
8/11/15	74.8	1100	5.4	1250	ND
5/3/18	53	600	1.6	708.1	2.7
3/23/21	0.53	3.2	ND	3.7	ND

Notes: TCE (Trichloroethylene), cis-1,2-DCE (cis1,2-Dichloroethylene), CVOC (Chlorinated Volatile Organic Compounds, BTEX (Benzene, toluene, Ethyl benzene, Xylenes)

ATTACHMENTS:

A: “Low Flow Purging/ Sampling Log”

B: Laboratory Analytical Data

Project Number: 21-003	Client Name: 146-172 Mill St, LLC
Location: Provan (On Site)	Date: 3/23/21
Field Team: Evan Stankunas & Wyatt Jordan	

Page 1 of 1

Project Number: 21-003	Client Name: 146-172 Mill St, LLC
Location: Provan (On Site)	Date: 3/23/21
Field Team: Evan Stankunas & Wyatt Jordan	



Technical Report

prepared for:

EcoTec, LLC Environmental Services

3 Nancy Court, Suite 4
Wappingers Falls NY, 12590
Attention: Evan Stankunas

Report Date: 03/30/2021

Client Project ID: 21-003 PROVAN

York Project (SDG) No.: 21C1157

CT Cert. No. PH-0723

New Jersey Cert. No. CT005 and NY037



New York Cert. Nos. 10854 and 12058

PA Cert. No. 68-04440

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RICHMOND HILL, NY 11418
ClientServices@yorklab.com

Report Date: 03/30/2021
Client Project ID: 21-003 PROVAN
York Project (SDG) No.: 21C1157

EcoTec, LLC Environmental Services
3 Nancy Court, Suite 4
Wappingers Falls NY, 12590
Attention: Evan Stankunas

Purpose and Results

This report contains the analytical data for the sample(s) identified on the attached chain-of-custody received in our laboratory on March 24, 2021 and listed below. The project was identified as your project: **21-003 PROVAN**.

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.

<u>York Sample ID</u>	<u>Client Sample ID</u>	<u>Matrix</u>	<u>Date Collected</u>	<u>Date Received</u>
21C1157-01	MW-5	Water	03/23/2021	03/24/2021
21C1157-02	MW-8	Water	03/23/2021	03/24/2021
21C1157-03	MW-11I	Water	03/23/2021	03/24/2021
21C1157-04	DUP-8	Water	03/23/2021	03/24/2021
21C1157-05	Trip Blank	Water	03/23/2021	03/24/2021

General Notes for York Project (SDG) No.: 21C1157

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:



Benjamin Gulizia
Laboratory Director

Date: 03/30/2021





Sample Information

Client Sample ID: MW-5

York Sample ID: 21C1157-01

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

21C1157

21-003 PROVAN

Water

March 23, 2021 12:28 pm

03/24/2021

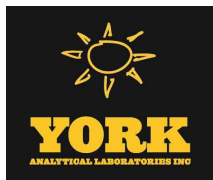
Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/L	2.0	5.0	10	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	03/26/2021 09:00	03/26/2021 13:20	NRT
71-55-6	1,1,1-Trichloroethane	ND		ug/L	2.0	5.0	10	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	03/26/2021 09:00	03/26/2021 13:20	NRT
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	2.0	5.0	10	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	03/26/2021 09:00	03/26/2021 13:20	NRT
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/L	2.0	5.0	10	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	03/26/2021 09:00	03/26/2021 13:20	NRT
79-00-5	1,1,2-Trichloroethane	ND		ug/L	2.0	5.0	10	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	03/26/2021 09:00	03/26/2021 13:20	NRT
75-34-3	1,1-Dichloroethane	ND		ug/L	2.0	5.0	10	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	03/26/2021 09:00	03/26/2021 13:20	NRT
75-35-4	1,1-Dichloroethylene	ND		ug/L	2.0	5.0	10	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	03/26/2021 09:00	03/26/2021 13:20	NRT
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	2.0	5.0	10	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	03/26/2021 09:00	03/26/2021 13:20	NRT
96-18-4	1,2,3-Trichloropropane	ND		ug/L	2.0	5.0	10	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	03/26/2021 09:00	03/26/2021 13:20	NRT
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	2.0	5.0	10	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	03/26/2021 09:00	03/26/2021 13:20	NRT
95-63-6	1,2,4-Trimethylbenzene	550		ug/L	2.0	5.0	10	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	03/26/2021 09:00	03/26/2021 13:20	NRT
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	2.0	5.0	10	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	03/26/2021 09:00	03/26/2021 13:20	NRT
106-93-4	1,2-Dibromoethane	ND		ug/L	2.0	5.0	10	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	03/26/2021 09:00	03/26/2021 13:20	NRT
95-50-1	1,2-Dichlorobenzene	ND		ug/L	2.0	5.0	10	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	03/26/2021 09:00	03/26/2021 13:20	NRT
107-06-2	1,2-Dichloroethane	ND		ug/L	2.0	5.0	10	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	03/26/2021 09:00	03/26/2021 13:20	NRT
78-87-5	1,2-Dichloropropane	ND		ug/L	2.0	5.0	10	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	03/26/2021 09:00	03/26/2021 13:20	NRT
108-67-8	1,3,5-Trimethylbenzene	7.7		ug/L	2.0	5.0	10	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	03/26/2021 09:00	03/26/2021 13:20	NRT
541-73-1	1,3-Dichlorobenzene	ND		ug/L	2.0	5.0	10	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	03/26/2021 09:00	03/26/2021 13:20	NRT
106-46-7	1,4-Dichlorobenzene	ND		ug/L	2.0	5.0	10	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	03/26/2021 09:00	03/26/2021 13:20	NRT
123-91-1	1,4-Dioxane	ND		ug/L	400	400	10	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	03/26/2021 09:00	03/26/2021 13:20	NRT
78-93-3	2-Butanone	ND		ug/L	2.0	5.0	10	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	03/26/2021 09:00	03/26/2021 13:20	NRT
591-78-6	2-Hexanone	ND		ug/L	2.0	5.0	10	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	03/26/2021 09:00	03/26/2021 13:20	NRT



Sample Information

Client Sample ID: MW-5

York Sample ID: 21C1157-01

York Project (SDG) No.
21C1157

Client Project ID
21-003 PROVAN

Matrix
Water

Collection Date/Time
March 23, 2021 12:28 pm

Date Received
03/24/2021

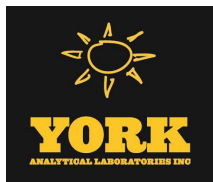
Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
108-10-1	4-Methyl-2-pentanone	ND		ug/L	2.0	5.0	10	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	03/26/2021 09:00	03/26/2021 13:20	NRT
67-64-1	Acetone	ND		ug/L	10	20	10	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	03/26/2021 09:00	03/26/2021 13:20	NRT
107-02-8	Acrolein	ND		ug/L	2.0	20	10	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	03/26/2021 09:00	03/26/2021 13:20	NRT
107-13-1	Acrylonitrile	ND		ug/L	2.0	5.0	10	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	03/26/2021 09:00	03/26/2021 13:20	NRT
71-43-2	Benzene	270		ug/L	2.0	5.0	10	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	03/26/2021 09:00	03/26/2021 13:20	NRT
74-97-5	Bromochloromethane	ND		ug/L	2.0	5.0	10	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	03/26/2021 09:00	03/26/2021 13:20	NRT
75-27-4	Bromodichloromethane	ND		ug/L	2.0	5.0	10	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	03/26/2021 09:00	03/26/2021 13:20	NRT
75-25-2	Bromoform	ND		ug/L	2.0	5.0	10	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	03/26/2021 09:00	03/26/2021 13:20	NRT
74-83-9	Bromomethane	ND		ug/L	2.0	5.0	10	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	03/26/2021 09:00	03/26/2021 13:20	NRT
75-15-0	Carbon disulfide	ND		ug/L	2.0	5.0	10	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	03/26/2021 09:00	03/26/2021 13:20	NRT
56-23-5	Carbon tetrachloride	ND		ug/L	2.0	5.0	10	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	03/26/2021 09:00	03/26/2021 13:20	NRT
108-90-7	Chlorobenzene	ND		ug/L	2.0	5.0	10	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	03/26/2021 09:00	03/26/2021 13:20	NRT
75-00-3	Chloroethane	ND		ug/L	2.0	5.0	10	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	03/26/2021 09:00	03/26/2021 13:20	NRT
67-66-3	Chloroform	ND		ug/L	2.0	5.0	10	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	03/26/2021 09:00	03/26/2021 13:20	NRT
74-87-3	Chloromethane	ND		ug/L	2.0	5.0	10	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	03/26/2021 09:00	03/26/2021 13:20	NRT
156-59-2	cis-1,2-Dichloroethylene	ND		ug/L	2.0	5.0	10	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	03/26/2021 09:00	03/26/2021 13:20	NRT
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	2.0	5.0	10	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	03/26/2021 09:00	03/26/2021 13:20	NRT
110-82-7	Cyclohexane	43		ug/L	2.0	5.0	10	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	03/26/2021 09:00	03/26/2021 13:20	NRT
124-48-1	Dibromochloromethane	ND		ug/L	2.0	5.0	10	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	03/26/2021 09:00	03/26/2021 13:20	NRT
74-95-3	Dibromomethane	ND		ug/L	2.0	5.0	10	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	03/26/2021 09:00	03/26/2021 13:20	NRT
75-71-8	Dichlorodifluoromethane	ND		ug/L	2.0	5.0	10	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	03/26/2021 09:00	03/26/2021 13:20	NRT
100-41-4	Ethyl Benzene	360		ug/L	2.0	5.0	10	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	03/26/2021 09:00	03/26/2021 13:20	NRT
87-68-3	Hexachlorobutadiene	ND		ug/L	2.0	5.0	10	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	03/26/2021 09:00	03/26/2021 13:20	NRT



Sample Information

Client Sample ID: MW-5

York Sample ID: 21C1157-01

York Project (SDG) No.

21C1157

Client Project ID

21-003 PROVAN

Matrix

Water

Collection Date/Time

March 23, 2021 12:28 pm

Date Received

03/24/2021

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
98-82-8	Isopropylbenzene	38		ug/L	2.0	5.0	10	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	03/26/2021 09:00	03/26/2021 13:20	NRT
79-20-9	Methyl acetate	ND		ug/L	2.0	5.0	10	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	03/26/2021 09:00	03/26/2021 13:20	NRT
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	2.0	5.0	10	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	03/26/2021 09:00	03/26/2021 13:20	NRT
108-87-2	Methyleyclohexane	24		ug/L	2.0	5.0	10	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	03/26/2021 09:00	03/26/2021 13:20	NRT
75-09-2	Methylene chloride	ND		ug/L	10	20	10	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	03/26/2021 09:00	03/26/2021 13:20	NRT
104-51-8	n-Butylbenzene	15		ug/L	2.0	5.0	10	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	03/26/2021 09:00	03/26/2021 13:20	NRT
103-65-1	n-Propylbenzene	120		ug/L	2.0	5.0	10	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	03/26/2021 09:00	03/26/2021 13:20	NRT
95-47-6	o-Xylene	ND		ug/L	2.0	5.0	10	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,PADEP	03/26/2021 09:00	03/26/2021 13:20	NRT
179601-23-1	p- & m- Xylenes	11		ug/L	5.0	10	10	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,PADEP	03/26/2021 09:00	03/26/2021 13:20	NRT
99-87-6	p-Isopropyltoluene	6.3		ug/L	2.0	5.0	10	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	03/26/2021 09:00	03/26/2021 13:20	NRT
135-98-8	sec-Butylbenzene	9.7		ug/L	2.0	5.0	10	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	03/26/2021 09:00	03/26/2021 13:20	NRT
100-42-5	Styrene	ND		ug/L	2.0	5.0	10	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	03/26/2021 09:00	03/26/2021 13:20	NRT
75-65-0	tert-Butyl alcohol (TBA)	ND		ug/L	5.0	25	10	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	03/26/2021 09:00	03/26/2021 13:20	NRT
98-06-6	tert-Butylbenzene	ND		ug/L	2.0	5.0	10	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	03/26/2021 09:00	03/26/2021 13:20	NRT
127-18-4	Tetrachloroethylene	ND		ug/L	2.0	5.0	10	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	03/26/2021 09:00	03/26/2021 13:20	NRT
108-88-3	Toluene	ND		ug/L	2.0	5.0	10	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	03/26/2021 09:00	03/26/2021 13:20	NRT
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	2.0	5.0	10	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	03/26/2021 09:00	03/26/2021 13:20	NRT
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	2.0	5.0	10	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	03/26/2021 09:00	03/26/2021 13:20	NRT
110-57-6	trans-1,4-dichloro-2-butene	ND		ug/L	2.0	5.0	10	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP	03/26/2021 09:00	03/26/2021 13:20	NRT
79-01-6	Trichloroethylene	ND		ug/L	2.0	5.0	10	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	03/26/2021 09:00	03/26/2021 13:20	NRT
75-69-4	Trichlorofluoromethane	ND		ug/L	2.0	5.0	10	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	03/26/2021 09:00	03/26/2021 13:20	NRT
75-01-4	Vinyl Chloride	ND		ug/L	2.0	5.0	10	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	03/26/2021 09:00	03/26/2021 13:20	NRT
1330-20-7	Xylenes, Total	11	J	ug/L	6.0	15	10	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP	03/26/2021 09:00	03/26/2021 13:20	NRT



Sample Information

Client Sample ID: MW-5

York Sample ID: 21C1157-01

York Project (SDG) No.
21C1157

Client Project ID
21-003 PROVAN

Matrix
Water

Collection Date/Time
March 23, 2021 12:28 pm

Date Received
03/24/2021

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
Surrogate Recoveries		Result		Acceptance Range							
17060-07-0	Surrogate: SURR: 1,2-Dichloroethane-d4	102 %			69-130						
2037-26-5	Surrogate: SURR: Toluene-d8	99.1 %			81-117						
460-00-4	Surrogate: SURR: p-Bromofluorobenzene	96.0 %			79-122						

Sample Information

Client Sample ID: MW-8

York Sample ID: 21C1157-02

York Project (SDG) No.
21C1157

Client Project ID
21-003 PROVAN

Matrix
Water

Collection Date/Time
March 23, 2021 11:17 am

Date Received
03/24/2021

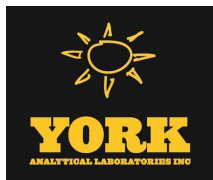
Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	03/26/2021 09:00	03/26/2021 13:49	NRT
71-55-6	1,1,1-Trichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	03/26/2021 09:00	03/26/2021 13:49	NRT
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	03/26/2021 09:00	03/26/2021 13:49	NRT
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	03/26/2021 09:00	03/26/2021 13:49	NRT
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	03/26/2021 09:00	03/26/2021 13:49	NRT
75-34-3	1,1-Dichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	03/26/2021 09:00	03/26/2021 13:49	NRT
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	03/26/2021 09:00	03/26/2021 13:49	NRT
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	03/26/2021 09:00	03/26/2021 13:49	NRT
96-18-4	1,2,3-Trichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	03/26/2021 09:00	03/26/2021 13:49	NRT
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	03/26/2021 09:00	03/26/2021 13:49	NRT
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	03/26/2021 09:00	03/26/2021 13:49	NRT
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	03/26/2021 09:00	03/26/2021 13:49	NRT
106-93-4	1,2-Dibromoethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	03/26/2021 09:00	03/26/2021 13:49	NRT



Sample Information

Client Sample ID: MW-8

York Sample ID: 21C1157-02

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

21C1157

21-003 PROVAN

Water

March 23, 2021 11:17 am

03/24/2021

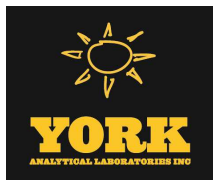
Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	03/26/2021 09:00	03/26/2021 13:49	NRT
107-06-2	1,2-Dichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	03/26/2021 09:00	03/26/2021 13:49	NRT
78-87-5	1,2-Dichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	03/26/2021 09:00	03/26/2021 13:49	NRT
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	03/26/2021 09:00	03/26/2021 13:49	NRT
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	03/26/2021 09:00	03/26/2021 13:49	NRT
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	03/26/2021 09:00	03/26/2021 13:49	NRT
123-91-1	1,4-Dioxane	ND		ug/L	40	40	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	03/26/2021 09:00	03/26/2021 13:49	NRT
78-93-3	2-Butanone	0.29	J	ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	03/26/2021 09:00	03/26/2021 13:49	NRT
591-78-6	2-Hexanone	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	03/26/2021 09:00	03/26/2021 13:49	NRT
108-10-1	4-Methyl-2-pentanone	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	03/26/2021 09:00	03/26/2021 13:49	NRT
67-64-1	Acetone	ND		ug/L	1.0	2.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	03/26/2021 09:00	03/26/2021 13:49	NRT
107-02-8	Acrolein	ND		ug/L	0.20	2.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	03/26/2021 09:00	03/26/2021 13:49	NRT
107-13-1	Acrylonitrile	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	03/26/2021 09:00	03/26/2021 13:49	NRT
71-43-2	Benzene	0.25	J	ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	03/26/2021 09:00	03/26/2021 13:49	NRT
74-97-5	Bromochloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	03/26/2021 09:00	03/26/2021 13:49	NRT
75-27-4	Bromodichloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	03/26/2021 09:00	03/26/2021 13:49	NRT
75-25-2	Bromoform	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	03/26/2021 09:00	03/26/2021 13:49	NRT
74-83-9	Bromomethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	03/26/2021 09:00	03/26/2021 13:49	NRT
75-15-0	Carbon disulfide	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	03/26/2021 09:00	03/26/2021 13:49	NRT
56-23-5	Carbon tetrachloride	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	03/26/2021 09:00	03/26/2021 13:49	NRT
108-90-7	Chlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	03/26/2021 09:00	03/26/2021 13:49	NRT
75-00-3	Chloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	03/26/2021 09:00	03/26/2021 13:49	NRT
67-66-3	Chloroform	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	03/26/2021 09:00	03/26/2021 13:49	NRT



Sample Information

Client Sample ID: MW-8

York Sample ID: 21C1157-02

York Project (SDG) No.
21C1157

Client Project ID
21-003 PROVAN

Matrix
Water

Collection Date/Time
March 23, 2021 11:17 am

Date Received
03/24/2021

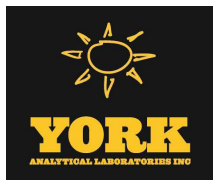
Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
74-87-3	Chloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/26/2021 09:00	03/26/2021 13:49	NRT CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
156-59-2	cis-1,2-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/26/2021 09:00	03/26/2021 13:49	NRT CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/26/2021 09:00	03/26/2021 13:49	NRT CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
110-82-7	Cyclohexane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/26/2021 09:00	03/26/2021 13:49	NRT NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
124-48-1	Dibromochloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/26/2021 09:00	03/26/2021 13:49	NRT CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
74-95-3	Dibromomethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/26/2021 09:00	03/26/2021 13:49	NRT NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/26/2021 09:00	03/26/2021 13:49	NRT NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
100-41-4	Ethyl Benzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/26/2021 09:00	03/26/2021 13:49	NRT CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
87-68-3	Hexachlorobutadiene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/26/2021 09:00	03/26/2021 13:49	NRT NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
98-82-8	Isopropylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/26/2021 09:00	03/26/2021 13:49	NRT CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
79-20-9	Methyl acetate	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/26/2021 09:00	03/26/2021 13:49	NRT NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
1634-04-4	Methyl tert-butyl ether (MTBE)	8.6		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/26/2021 09:00	03/26/2021 13:49	NRT CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
108-87-2	Methylcyclohexane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/26/2021 09:00	03/26/2021 13:49	NRT NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
75-09-2	Methylene chloride	ND		ug/L	1.0	2.0	1	EPA 8260C Certifications:	03/26/2021 09:00	03/26/2021 13:49	NRT CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
104-51-8	n-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/26/2021 09:00	03/26/2021 13:49	NRT CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
103-65-1	n-Propylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/26/2021 09:00	03/26/2021 13:49	NRT CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
95-47-6	o-Xylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/26/2021 09:00	03/26/2021 13:49	NRT CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
179601-23-1	p- & m- Xylenes	ND		ug/L	0.50	1.0	1	EPA 8260C Certifications:	03/26/2021 09:00	03/26/2021 13:49	NRT CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
99-87-6	p-Isopropyltoluene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/26/2021 09:00	03/26/2021 13:49	NRT CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
135-98-8	sec-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/26/2021 09:00	03/26/2021 13:49	NRT CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
100-42-5	Styrene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/26/2021 09:00	03/26/2021 13:49	NRT CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
75-65-0	tert-Butyl alcohol (TBA)	82		ug/L	0.50	2.5	1	EPA 8260C Certifications:	03/26/2021 09:00	03/26/2021 13:49	NRT NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
98-06-6	tert-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/26/2021 09:00	03/26/2021 13:49	NRT CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP



Sample Information

Client Sample ID: MW-8

York Sample ID: 21C1157-02

York Project (SDG) No.
21C1157

Client Project ID
21-003 PROVAN

Matrix
Water

Collection Date/Time
March 23, 2021 11:17 am

Date Received
03/24/2021

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
127-18-4	Tetrachloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	03/26/2021 09:00	03/26/2021 13:49	NRT
108-88-3	Toluene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	03/26/2021 09:00	03/26/2021 13:49	NRT
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	03/26/2021 09:00	03/26/2021 13:49	NRT
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	03/26/2021 09:00	03/26/2021 13:49	NRT
110-57-6	trans-1,4-dichloro-2-butene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP	03/26/2021 09:00	03/26/2021 13:49	NRT
79-01-6	Trichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	03/26/2021 09:00	03/26/2021 13:49	NRT
75-69-4	Trichlorofluoromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	03/26/2021 09:00	03/26/2021 13:49	NRT
75-01-4	Vinyl Chloride	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	03/26/2021 09:00	03/26/2021 13:49	NRT
1330-20-7	Xylenes, Total	ND		ug/L	0.60	1.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP	03/26/2021 09:00	03/26/2021 13:49	NRT
Surrogate Recoveries		Result	Acceptance Range								
17060-07-0	Surrogate: SURRE: 1,2-Dichloroethane-d4	95.7 %	69-130								
2037-26-5	Surrogate: SURRE: Toluene-d8	99.9 %	81-117								
460-00-4	Surrogate: SURRE: p-Bromofluorobenzene	103 %	79-122								

Sample Information

Client Sample ID: MW-111

York Sample ID: 21C1157-03

York Project (SDG) No.
21C1157

Client Project ID
21-003 PROVAN

Matrix
Water

Collection Date/Time
March 23, 2021 10:07 am

Date Received
03/24/2021

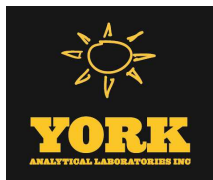
Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	03/26/2021 09:00	03/26/2021 14:17	NRT
71-55-6	1,1,1-Trichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	03/26/2021 09:00	03/26/2021 14:17	NRT
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	03/26/2021 09:00	03/26/2021 14:17	NRT
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	03/26/2021 09:00	03/26/2021 14:17	NRT



Sample Information

Client Sample ID: MW-111

York Sample ID: 21C1157-03

York Project (SDG) No.
21C1157

Client Project ID
21-003 PROVAN

Matrix
Water

Collection Date/Time
March 23, 2021 10:07 am

Date Received
03/24/2021

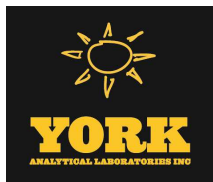
Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	03/26/2021 09:00	03/26/2021 14:17	NRT
75-34-3	1,1-Dichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	03/26/2021 09:00	03/26/2021 14:17	NRT
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	03/26/2021 09:00	03/26/2021 14:17	NRT
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	03/26/2021 09:00	03/26/2021 14:17	NRT
96-18-4	1,2,3-Trichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	03/26/2021 09:00	03/26/2021 14:17	NRT
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	03/26/2021 09:00	03/26/2021 14:17	NRT
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	03/26/2021 09:00	03/26/2021 14:17	NRT
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	03/26/2021 09:00	03/26/2021 14:17	NRT
106-93-4	1,2-Dibromoethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	03/26/2021 09:00	03/26/2021 14:17	NRT
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	03/26/2021 09:00	03/26/2021 14:17	NRT
107-06-2	1,2-Dichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	03/26/2021 09:00	03/26/2021 14:17	NRT
78-87-5	1,2-Dichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	03/26/2021 09:00	03/26/2021 14:17	NRT
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	03/26/2021 09:00	03/26/2021 14:17	NRT
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	03/26/2021 09:00	03/26/2021 14:17	NRT
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	03/26/2021 09:00	03/26/2021 14:17	NRT
123-91-1	1,4-Dioxane	ND		ug/L	40	40	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	03/26/2021 09:00	03/26/2021 14:17	NRT
78-93-3	2-Butanone	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	03/26/2021 09:00	03/26/2021 14:17	NRT
591-78-6	2-Hexanone	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	03/26/2021 09:00	03/26/2021 14:17	NRT
108-10-1	4-Methyl-2-pentanone	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	03/26/2021 09:00	03/26/2021 14:17	NRT
67-64-1	Acetone	ND		ug/L	1.0	2.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	03/26/2021 09:00	03/26/2021 14:17	NRT
107-02-8	Acrolein	ND		ug/L	0.20	2.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	03/26/2021 09:00	03/26/2021 14:17	NRT
107-13-1	Acrylonitrile	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	03/26/2021 09:00	03/26/2021 14:17	NRT
71-43-2	Benzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	03/26/2021 09:00	03/26/2021 14:17	NRT



Sample Information

Client Sample ID: MW-111

York Sample ID: 21C1157-03

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

21C1157

21-003 PROVAN

Water

March 23, 2021 10:07 am

03/24/2021

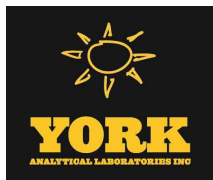
Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
74-97-5	Bromochloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	03/26/2021 09:00	03/26/2021 14:17	NRT
75-27-4	Bromodichloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	03/26/2021 09:00	03/26/2021 14:17	NRT
75-25-2	Bromoform	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	03/26/2021 09:00	03/26/2021 14:17	NRT
74-83-9	Bromomethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	03/26/2021 09:00	03/26/2021 14:17	NRT
75-15-0	Carbon disulfide	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	03/26/2021 09:00	03/26/2021 14:17	NRT
56-23-5	Carbon tetrachloride	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	03/26/2021 09:00	03/26/2021 14:17	NRT
108-90-7	Chlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	03/26/2021 09:00	03/26/2021 14:17	NRT
75-00-3	Chloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	03/26/2021 09:00	03/26/2021 14:17	NRT
67-66-3	Chloroform	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	03/26/2021 09:00	03/26/2021 14:17	NRT
74-87-3	Chloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	03/26/2021 09:00	03/26/2021 14:17	NRT
156-59-2	cis-1,2-Dichloroethylene	3.2		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	03/26/2021 09:00	03/26/2021 14:17	NRT
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	03/26/2021 09:00	03/26/2021 14:17	NRT
110-82-7	Cyclohexane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	03/26/2021 09:00	03/26/2021 14:17	NRT
124-48-1	Dibromochloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	03/26/2021 09:00	03/26/2021 14:17	NRT
74-95-3	Dibromomethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	03/26/2021 09:00	03/26/2021 14:17	NRT
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	03/26/2021 09:00	03/26/2021 14:17	NRT
100-41-4	Ethyl Benzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	03/26/2021 09:00	03/26/2021 14:17	NRT
87-68-3	Hexachlorobutadiene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	03/26/2021 09:00	03/26/2021 14:17	NRT
98-82-8	Isopropylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	03/26/2021 09:00	03/26/2021 14:17	NRT
79-20-9	Methyl acetate	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	03/26/2021 09:00	03/26/2021 14:17	NRT
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	03/26/2021 09:00	03/26/2021 14:17	NRT
108-87-2	Methylcyclohexane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	03/26/2021 09:00	03/26/2021 14:17	NRT
75-09-2	Methylene chloride	ND		ug/L	1.0	2.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	03/26/2021 09:00	03/26/2021 14:17	NRT



Sample Information

Client Sample ID: MW-111

York Sample ID: 21C1157-03

York Project (SDG) No.
21C1157

Client Project ID
21-003 PROVAN

Matrix
Water

Collection Date/Time
March 23, 2021 10:07 am

Date Received
03/24/2021

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
104-51-8	n-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	03/26/2021 09:00	03/26/2021 14:17	NRT
103-65-1	n-Propylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	03/26/2021 09:00	03/26/2021 14:17	NRT
95-47-6	o-Xylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	03/26/2021 09:00	03/26/2021 14:17	NRT
179601-23-1	p- & m- Xylenes	ND		ug/L	0.50	1.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	03/26/2021 09:00	03/26/2021 14:17	NRT
99-87-6	p-Isopropyltoluene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	03/26/2021 09:00	03/26/2021 14:17	NRT
135-98-8	sec-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	03/26/2021 09:00	03/26/2021 14:17	NRT
100-42-5	Styrene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	03/26/2021 09:00	03/26/2021 14:17	NRT
75-65-0	tert-Butyl alcohol (TBA)	ND		ug/L	0.50	2.5	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	03/26/2021 09:00	03/26/2021 14:17	NRT
98-06-6	tert-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	03/26/2021 09:00	03/26/2021 14:17	NRT
127-18-4	Tetrachloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	03/26/2021 09:00	03/26/2021 14:17	NRT
108-88-3	Toluene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	03/26/2021 09:00	03/26/2021 14:17	NRT
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	03/26/2021 09:00	03/26/2021 14:17	NRT
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	03/26/2021 09:00	03/26/2021 14:17	NRT
110-57-6	trans-1,4-dichloro-2-butene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP	03/26/2021 09:00	03/26/2021 14:17	NRT
79-01-6	Trichloroethylene	0.53		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	03/26/2021 09:00	03/26/2021 14:17	NRT
75-69-4	Trichlorofluoromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	03/26/2021 09:00	03/26/2021 14:17	NRT
75-01-4	Vinyl Chloride	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	03/26/2021 09:00	03/26/2021 14:17	NRT
1330-20-7	Xylenes, Total	ND		ug/L	0.60	1.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP	03/26/2021 09:00	03/26/2021 14:17	NRT
Surrogate Recoveries		Result	Acceptance Range								
17060-07-0	Surrogate: SURR: 1,2-Dichloroethane-d4	97.6 %	69-130								
2037-26-5	Surrogate: SURR: Toluene-d8	99.5 %	81-117								
460-00-4	Surrogate: SURR: p-Bromofluorobenzene	102 %	79-122								



Sample Information

Client Sample ID: DUP-8

York Sample ID: 21C1157-04

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

21C1157

21-003 PROVAN

Water

March 23, 2021 11:16 am

03/24/2021

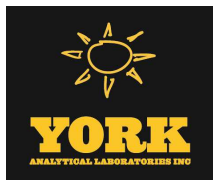
Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	03/26/2021 09:00	03/26/2021 14:45	NRT
71-55-6	1,1,1-Trichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	03/26/2021 09:00	03/26/2021 14:45	NRT
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	03/26/2021 09:00	03/26/2021 14:45	NRT
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	03/26/2021 09:00	03/26/2021 14:45	NRT
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	03/26/2021 09:00	03/26/2021 14:45	NRT
75-34-3	1,1-Dichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	03/26/2021 09:00	03/26/2021 14:45	NRT
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	03/26/2021 09:00	03/26/2021 14:45	NRT
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	03/26/2021 09:00	03/26/2021 14:45	NRT
96-18-4	1,2,3-Trichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	03/26/2021 09:00	03/26/2021 14:45	NRT
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	03/26/2021 09:00	03/26/2021 14:45	NRT
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	03/26/2021 09:00	03/26/2021 14:45	NRT
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	03/26/2021 09:00	03/26/2021 14:45	NRT
106-93-4	1,2-Dibromoethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	03/26/2021 09:00	03/26/2021 14:45	NRT
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	03/26/2021 09:00	03/26/2021 14:45	NRT
107-06-2	1,2-Dichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	03/26/2021 09:00	03/26/2021 14:45	NRT
78-87-5	1,2-Dichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	03/26/2021 09:00	03/26/2021 14:45	NRT
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	03/26/2021 09:00	03/26/2021 14:45	NRT
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	03/26/2021 09:00	03/26/2021 14:45	NRT
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	03/26/2021 09:00	03/26/2021 14:45	NRT
123-91-1	1,4-Dioxane	ND		ug/L	40	40	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	03/26/2021 09:00	03/26/2021 14:45	NRT
78-93-3	2-Butanone	0.41	J	ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	03/26/2021 09:00	03/26/2021 14:45	NRT
591-78-6	2-Hexanone	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	03/26/2021 09:00	03/26/2021 14:45	NRT
108-10-1	4-Methyl-2-pentanone	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	03/26/2021 09:00	03/26/2021 14:45	NRT



Sample Information

Client Sample ID: DUP-8

York Sample ID: 21C1157-04

York Project (SDG) No.
21C1157

Client Project ID
21-003 PROVAN

Matrix
Water

Collection Date/Time
March 23, 2021 11:16 am

Date Received
03/24/2021

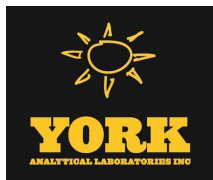
Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
67-64-1	Acetone	ND		ug/L	1.0	2.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	03/26/2021 09:00	03/26/2021 14:45	NRT
107-02-8	Acrolein	ND		ug/L	0.20	2.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	03/26/2021 09:00	03/26/2021 14:45	NRT
107-13-1	Acrylonitrile	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	03/26/2021 09:00	03/26/2021 14:45	NRT
71-43-2	Benzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	03/26/2021 09:00	03/26/2021 14:45	NRT
74-97-5	Bromochloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	03/26/2021 09:00	03/26/2021 14:45	NRT
75-27-4	Bromodichloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	03/26/2021 09:00	03/26/2021 14:45	NRT
75-25-2	Bromoform	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	03/26/2021 09:00	03/26/2021 14:45	NRT
74-83-9	Bromomethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	03/26/2021 09:00	03/26/2021 14:45	NRT
75-15-0	Carbon disulfide	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	03/26/2021 09:00	03/26/2021 14:45	NRT
56-23-5	Carbon tetrachloride	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	03/26/2021 09:00	03/26/2021 14:45	NRT
108-90-7	Chlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	03/26/2021 09:00	03/26/2021 14:45	NRT
75-00-3	Chloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	03/26/2021 09:00	03/26/2021 14:45	NRT
67-66-3	Chloroform	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	03/26/2021 09:00	03/26/2021 14:45	NRT
74-87-3	Chloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	03/26/2021 09:00	03/26/2021 14:45	NRT
156-59-2	cis-1,2-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	03/26/2021 09:00	03/26/2021 14:45	NRT
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	03/26/2021 09:00	03/26/2021 14:45	NRT
110-82-7	Cyclohexane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	03/26/2021 09:00	03/26/2021 14:45	NRT
124-48-1	Dibromochloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	03/26/2021 09:00	03/26/2021 14:45	NRT
74-95-3	Dibromomethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	03/26/2021 09:00	03/26/2021 14:45	NRT
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	03/26/2021 09:00	03/26/2021 14:45	NRT
100-41-4	Ethyl Benzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	03/26/2021 09:00	03/26/2021 14:45	NRT
87-68-3	Hexachlorobutadiene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	03/26/2021 09:00	03/26/2021 14:45	NRT
98-82-8	Isopropylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	03/26/2021 09:00	03/26/2021 14:45	NRT



Sample Information

Client Sample ID: DUP-8

York Sample ID: 21C1157-04

York Project (SDG) No.
21C1157

Client Project ID
21-003 PROVAN

Matrix
Water

Collection Date/Time
March 23, 2021 11:16 am

Date Received
03/24/2021

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
79-20-9	Methyl acetate	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	03/26/2021 09:00	03/26/2021 14:45	NRT
1634-04-4	Methyl tert-butyl ether (MTBE)	7.1		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	03/26/2021 09:00	03/26/2021 14:45	NRT
108-87-2	Methylcyclohexane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	03/26/2021 09:00	03/26/2021 14:45	NRT
75-09-2	Methylene chloride	ND		ug/L	1.0	2.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	03/26/2021 09:00	03/26/2021 14:45	NRT
104-51-8	n-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	03/26/2021 09:00	03/26/2021 14:45	NRT
103-65-1	n-Propylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	03/26/2021 09:00	03/26/2021 14:45	NRT
95-47-6	o-Xylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	03/26/2021 09:00	03/26/2021 14:45	NRT
179601-23-1	p- & m- Xylenes	ND		ug/L	0.50	1.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	03/26/2021 09:00	03/26/2021 14:45	NRT
99-87-6	p-Isopropyltoluene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	03/26/2021 09:00	03/26/2021 14:45	NRT
135-98-8	sec-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	03/26/2021 09:00	03/26/2021 14:45	NRT
100-42-5	Styrene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	03/26/2021 09:00	03/26/2021 14:45	NRT
75-65-0	tert-Butyl alcohol (TBA)	66		ug/L	0.50	2.5	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	03/26/2021 09:00	03/26/2021 14:45	NRT
98-06-6	tert-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	03/26/2021 09:00	03/26/2021 14:45	NRT
127-18-4	Tetrachloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	03/26/2021 09:00	03/26/2021 14:45	NRT
108-88-3	Toluene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	03/26/2021 09:00	03/26/2021 14:45	NRT
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	03/26/2021 09:00	03/26/2021 14:45	NRT
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	03/26/2021 09:00	03/26/2021 14:45	NRT
110-57-6	trans-1,4-dichloro-2-butene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP	03/26/2021 09:00	03/26/2021 14:45	NRT
79-01-6	Trichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	03/26/2021 09:00	03/26/2021 14:45	NRT
75-69-4	Trichlorofluoromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	03/26/2021 09:00	03/26/2021 14:45	NRT
75-01-4	Vinyl Chloride	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	03/26/2021 09:00	03/26/2021 14:45	NRT
1330-20-7	Xylenes, Total	ND		ug/L	0.60	1.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP	03/26/2021 09:00	03/26/2021 14:45	NRT
Surrogate Recoveries		Result	Acceptance Range								
17060-07-0	Surrogate: SURR: 1,2-Dichloroethane-d4	97.1 %	69-130								



Sample Information

Client Sample ID: DUP-8

York Sample ID: 21C1157-04

York Project (SDG) No.
21C1157

Client Project ID
21-003 PROVAN

Matrix
Water

Collection Date/Time
March 23, 2021 11:16 am

Date Received
03/24/2021

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
2037-26-5	Surrogate: SURR: Toluene-d8	99.5 %			81-117						
460-00-4	Surrogate: SURR: p-Bromofluorobenzene	103 %			79-122						

Sample Information

Client Sample ID: Trip Blank

York Sample ID: 21C1157-05

York Project (SDG) No.
21C1157

Client Project ID
21-003 PROVAN

Matrix
Water

Collection Date/Time
March 23, 2021 11:16 am

Date Received
03/24/2021

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	03/26/2021 09:00	03/26/2021 11:27	NRT
71-55-6	1,1,1-Trichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	03/26/2021 09:00	03/26/2021 11:27	NRT
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	03/26/2021 09:00	03/26/2021 11:27	NRT
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	03/26/2021 09:00	03/26/2021 11:27	NRT
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	03/26/2021 09:00	03/26/2021 11:27	NRT
75-34-3	1,1-Dichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	03/26/2021 09:00	03/26/2021 11:27	NRT
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	03/26/2021 09:00	03/26/2021 11:27	NRT
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	03/26/2021 09:00	03/26/2021 11:27	NRT
96-18-4	1,2,3-Trichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	03/26/2021 09:00	03/26/2021 11:27	NRT
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	03/26/2021 09:00	03/26/2021 11:27	NRT
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	03/26/2021 09:00	03/26/2021 11:27	NRT
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	03/26/2021 09:00	03/26/2021 11:27	NRT
106-93-4	1,2-Dibromoethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	03/26/2021 09:00	03/26/2021 11:27	NRT
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	03/26/2021 09:00	03/26/2021 11:27	NRT
107-06-2	1,2-Dichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	03/26/2021 09:00	03/26/2021 11:27	NRT



Sample Information

Client Sample ID: Trip Blank

York Sample ID: 21C1157-05

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

21C1157

21-003 PROVAN

Water

March 23, 2021 11:16 am

03/24/2021

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
78-87-5	1,2-Dichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/26/2021 09:00	03/26/2021 11:27	NRT
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/26/2021 09:00	03/26/2021 11:27	NRT
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/26/2021 09:00	03/26/2021 11:27	NRT
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/26/2021 09:00	03/26/2021 11:27	NRT
123-91-1	1,4-Dioxane	ND		ug/L	40	40	1	EPA 8260C Certifications:	03/26/2021 09:00	03/26/2021 11:27	NRT
78-93-3	2-Butanone	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/26/2021 09:00	03/26/2021 11:27	NRT
591-78-6	2-Hexanone	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/26/2021 09:00	03/26/2021 11:27	NRT
108-10-1	4-Methyl-2-pentanone	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/26/2021 09:00	03/26/2021 11:27	NRT
67-64-1	Acetone	1.5	ICV-E, SCAL- E, J	ug/L	1.0	2.0	1	EPA 8260C Certifications:	03/26/2021 09:00	03/26/2021 11:27	NRT
107-02-8	Acrolein	ND		ug/L	0.20	2.0	1	EPA 8260C Certifications:	03/26/2021 09:00	03/26/2021 11:27	NRT
107-13-1	Acrylonitrile	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/26/2021 09:00	03/26/2021 11:27	NRT
71-43-2	Benzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/26/2021 09:00	03/26/2021 11:27	NRT
74-97-5	Bromochloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/26/2021 09:00	03/26/2021 11:27	NRT
75-27-4	Bromodichloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/26/2021 09:00	03/26/2021 11:27	NRT
75-25-2	Bromoform	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/26/2021 09:00	03/26/2021 11:27	NRT
74-83-9	Bromomethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/26/2021 09:00	03/26/2021 11:27	NRT
75-15-0	Carbon disulfide	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/26/2021 09:00	03/26/2021 11:27	NRT
56-23-5	Carbon tetrachloride	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/26/2021 09:00	03/26/2021 11:27	NRT
108-90-7	Chlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/26/2021 09:00	03/26/2021 11:27	NRT
75-00-3	Chloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/26/2021 09:00	03/26/2021 11:27	NRT
67-66-3	Chloroform	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/26/2021 09:00	03/26/2021 11:27	NRT
74-87-3	Chloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/26/2021 09:00	03/26/2021 11:27	NRT
156-59-2	cis-1,2-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/26/2021 09:00	03/26/2021 11:27	NRT



Sample Information

Client Sample ID: Trip Blank

York Sample ID: 21C1157-05

York Project (SDG) No.
21C1157

Client Project ID
21-003 PROVAN

Matrix
Water

Collection Date/Time
March 23, 2021 11:16 am

Date Received
03/24/2021

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/26/2021 09:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	03/26/2021 11:27	NRT
110-82-7	Cyclohexane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/26/2021 09:00 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	03/26/2021 11:27	NRT
124-48-1	Dibromochloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/26/2021 09:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	03/26/2021 11:27	NRT
74-95-3	Dibromomethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/26/2021 09:00 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	03/26/2021 11:27	NRT
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/26/2021 09:00 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	03/26/2021 11:27	NRT
100-41-4	Ethyl Benzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/26/2021 09:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	03/26/2021 11:27	NRT
87-68-3	Hexachlorobutadiene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/26/2021 09:00 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	03/26/2021 11:27	NRT
98-82-8	Isopropylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/26/2021 09:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	03/26/2021 11:27	NRT
79-20-9	Methyl acetate	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/26/2021 09:00 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	03/26/2021 11:27	NRT
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/26/2021 09:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	03/26/2021 11:27	NRT
108-87-2	Methylcyclohexane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/26/2021 09:00 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	03/26/2021 11:27	NRT
75-09-2	Methylene chloride	ND		ug/L	1.0	2.0	1	EPA 8260C Certifications:	03/26/2021 09:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	03/26/2021 11:27	NRT
104-51-8	n-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/26/2021 09:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	03/26/2021 11:27	NRT
103-65-1	n-Propylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/26/2021 09:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	03/26/2021 11:27	NRT
95-47-6	o-Xylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/26/2021 09:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	03/26/2021 11:27	NRT
179601-23-1	p- & m- Xylenes	ND		ug/L	0.50	1.0	1	EPA 8260C Certifications:	03/26/2021 09:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	03/26/2021 11:27	NRT
99-87-6	p-Isopropyltoluene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/26/2021 09:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	03/26/2021 11:27	NRT
135-98-8	sec-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/26/2021 09:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	03/26/2021 11:27	NRT
100-42-5	Styrene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/26/2021 09:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	03/26/2021 11:27	NRT
75-65-0	tert-Butyl alcohol (TBA)	ND		ug/L	0.50	2.5	1	EPA 8260C Certifications:	03/26/2021 09:00 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	03/26/2021 11:27	NRT
98-06-6	tert-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/26/2021 09:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	03/26/2021 11:27	NRT
127-18-4	Tetrachloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/26/2021 09:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	03/26/2021 11:27	NRT
108-88-3	Toluene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/26/2021 09:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	03/26/2021 11:27	NRT



Sample Information

Client Sample ID: Trip Blank

York Sample ID: 21C1157-05

York Project (SDG) No.
21C1157

Client Project ID
21-003 PROVAN

Matrix
Water

Collection Date/Time
March 23, 2021 11:16 am

Date Received
03/24/2021

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	03/26/2021 09:00	03/26/2021 11:27	NRT
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	03/26/2021 09:00	03/26/2021 11:27	NRT
110-57-6	trans-1,4-dichloro-2-butene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP	03/26/2021 09:00	03/26/2021 11:27	NRT
79-01-6	Trichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	03/26/2021 09:00	03/26/2021 11:27	NRT
75-69-4	Trichlorofluoromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	03/26/2021 09:00	03/26/2021 11:27	NRT
75-01-4	Vinyl Chloride	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	03/26/2021 09:00	03/26/2021 11:27	NRT
1330-20-7	Xylenes, Total	ND		ug/L	0.60	1.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP	03/26/2021 09:00	03/26/2021 11:27	NRT
Surrogate Recoveries		Result	Acceptance Range								
17060-07-0	Surrogate: SURR: 1,2-Dichloroethane-d4	96.8 %	69-130								
2037-26-5	Surrogate: SURR: Toluene-d8	99.9 %	81-117								
460-00-4	Surrogate: SURR: p-Bromofluorobenzene	103 %	79-122								



Analytical Batch Summary

Batch ID: BC11596

Preparation Method: EPA 5030B

Prepared By: NT

YORK Sample ID	Client Sample ID	Preparation Date
21C1157-01	MW-5	03/26/21
21C1157-02	MW-8	03/26/21
21C1157-03	MW-11I	03/26/21
21C1157-04	DUP-8	03/26/21
21C1157-05	Trip Blank	03/26/21
BC11596-BLK1	Blank	03/26/21
BC11596-BS1	LCS	03/26/21
BC11596-BSD1	LCS Dup	03/26/21



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
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Batch BC11596 - EPA 5030B

Blank (BC11596-BLK1)

Prepared & Analyzed: 03/26/2021

1,1,1,2-Tetrachloroethane	ND	0.50	ug/L
1,1,1-Trichloroethane	ND	0.50	"
1,1,2,2-Tetrachloroethane	ND	0.50	"
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	0.50	"
1,1,2-Trichloroethane	ND	0.50	"
1,1-Dichloroethane	ND	0.50	"
1,1-Dichloroethylene	ND	0.50	"
1,2,3-Trichlorobenzene	ND	0.50	"
1,2,3-Trichloropropane	ND	0.50	"
1,2,4-Trichlorobenzene	ND	0.50	"
1,2,4-Trimethylbenzene	ND	0.50	"
1,2-Dibromo-3-chloropropane	ND	0.50	"
1,2-Dibromoethane	ND	0.50	"
1,2-Dichlorobenzene	ND	0.50	"
1,2-Dichloroethane	ND	0.50	"
1,2-Dichloropropane	ND	0.50	"
1,3,5-Trimethylbenzene	ND	0.50	"
1,3-Dichlorobenzene	ND	0.50	"
1,4-Dichlorobenzene	ND	0.50	"
1,4-Dioxane	ND	40	"
2-Butanone	ND	0.50	"
2-Hexanone	ND	0.50	"
4-Methyl-2-pentanone	ND	0.50	"
Acetone	ND	2.0	"
Acrolein	ND	0.50	"
Acrylonitrile	ND	0.50	"
Benzene	ND	0.50	"
Bromochloromethane	ND	0.50	"
Bromodichloromethane	ND	0.50	"
Bromoform	ND	0.50	"
Bromomethane	ND	0.50	"
Carbon disulfide	ND	0.50	"
Carbon tetrachloride	ND	0.50	"
Chlorobenzene	ND	0.50	"
Chloroethane	ND	0.50	"
Chloroform	ND	0.50	"
Chloromethane	ND	0.50	"
cis-1,2-Dichloroethylene	ND	0.50	"
cis-1,3-Dichloropropylene	ND	0.50	"
Cyclohexane	ND	0.50	"
Dibromochloromethane	ND	0.50	"
Dibromomethane	ND	0.50	"
Dichlorodifluoromethane	ND	0.50	"
Ethyl Benzene	ND	0.50	"
Hexachlorobutadiene	ND	0.50	"
Isopropylbenzene	ND	0.50	"
Methyl acetate	ND	0.50	"
Methyl tert-butyl ether (MTBE)	ND	0.50	"
Methylcyclohexane	ND	0.50	"



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
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Batch BC11596 - EPA 5030B

Blank (BC11596-BLK1)

Prepared & Analyzed: 03/26/2021

Methylene chloride	1.4	2.0	ug/L
n-Butylbenzene	ND	0.50	"
n-Propylbenzene	ND	0.50	"
o-Xylene	ND	0.50	"
p- & m- Xylenes	ND	1.0	"
p-Isopropyltoluene	ND	0.50	"
sec-Butylbenzene	ND	0.50	"
Styrene	ND	0.50	"
tert-Butyl alcohol (TBA)	ND	1.0	"
tert-Butylbenzene	ND	0.50	"
Tetrachloroethylene	ND	0.50	"
Toluene	ND	0.50	"
trans-1,2-Dichloroethylene	ND	0.50	"
trans-1,3-Dichloropropylene	ND	0.50	"
trans-1,4-dichloro-2-butene	ND	0.50	"
Trichloroethylene	ND	0.50	"
Trichlorofluoromethane	ND	0.50	"
Vinyl Chloride	ND	0.50	"
Xylenes, Total	ND	1.5	"

Surrogate: SURR: 1,2-Dichloroethane-d4

9.71

"

10.0

97.1

69-130

Surrogate: SURR: Toluene-d8

10.0

"

10.0

100

81-117

Surrogate: SURR: p-Bromofluorobenzene

10.3

"

10.0

103

79-122

LCS (BC11596-BS1)

Prepared & Analyzed: 03/26/2021

1,1,1,2-Tetrachloroethane	8.6		ug/L	10.0		85.7	82-126
1,1,1-Trichloroethane	9.0		"	10.0		89.8	78-136
1,1,2,2-Tetrachloroethane	9.2		"	10.0		92.4	76-129
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	9.7		"	10.0		96.9	54-165
1,1,2-Trichloroethane	8.6		"	10.0		85.5	82-123
1,1-Dichloroethane	8.8		"	10.0		87.9	82-129
1,1-Dichloroethylene	9.5		"	10.0		95.0	68-138
1,2,3-Trichlorobenzene	9.1		"	10.0		90.8	40-130
1,2,3-Trichloropropane	8.8		"	10.0		88.1	77-128
1,2,4-Trichlorobenzene	8.9		"	10.0		89.0	65-137
1,2,4-Trimethylbenzene	9.0		"	10.0		89.8	82-132
1,2-Dibromo-3-chloropropane	9.1		"	10.0		91.4	45-147
1,2-Dibromoethane	8.7		"	10.0		86.8	83-124
1,2-Dichlorobenzene	8.7		"	10.0		87.2	79-123
1,2-Dichloroethane	8.5		"	10.0		85.1	73-132
1,2-Dichloropropane	8.6		"	10.0		85.7	78-126
1,3,5-Trimethylbenzene	9.0		"	10.0		89.5	80-131
1,3-Dichlorobenzene	8.7		"	10.0		87.1	86-130
1,4-Dichlorobenzene	8.7		"	10.0		87.4	85-130
1,4-Dioxane	230		"	210		110	10-349
2-Butanone	7.2		"	10.0		72.2	49-152
2-Hexanone	7.5		"	10.0		75.4	51-146
4-Methyl-2-pentanone	8.8		"	10.0		88.5	57-145
Acetone	5.2		"	10.0		51.5	14-150
Acrolein	8.9		"	10.0		89.4	10-153
Acrylonitrile	9.4		"	10.0		94.3	51-150



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 BC11596 - EPA 5030B											
LCS (BC11596-BS1)						Prepared & Analyzed: 03/26/2021					
Benzene	9.0		ug/L	10.0		90.3	85-126				
Bromochloromethane	8.8		"	10.0		87.9	77-128				
Bromodichloromethane	8.7		"	10.0		87.4	79-128				
Bromoform	8.8		"	10.0		87.7	78-133				
Bromomethane	11		"	10.0		106	43-168				
Carbon disulfide	9.6		"	10.0		95.9	68-146				
Carbon tetrachloride	8.9		"	10.0		88.6	77-141				
Chlorobenzene	8.7		"	10.0		87.2	88-120	Low Bias			
Chloroethane	8.6		"	10.0		85.5	65-136				
Chloroform	8.8		"	10.0		88.1	82-128				
Chloromethane	9.5		"	10.0		95.4	43-155				
cis-1,2-Dichloroethylene	9.0		"	10.0		89.6	83-129				
cis-1,3-Dichloropropylene	8.8		"	10.0		88.2	80-131				
Cyclohexane	8.9		"	10.0		89.3	63-149				
Dibromochloromethane	8.9		"	10.0		89.0	80-130				
Dibromomethane	8.6		"	10.0		86.5	72-134				
Dichlorodifluoromethane	4.0		"	10.0		39.8	44-144	Low Bias			
Ethyl Benzene	8.8		"	10.0		88.4	80-131				
Hexachlorobutadiene	9.2		"	10.0		91.8	67-146				
Isopropylbenzene	8.8		"	10.0		87.8	76-140				
Methyl acetate	8.0		"	10.0		80.2	51-139				
Methyl tert-butyl ether (MTBE)	8.9		"	10.0		89.1	76-135				
Methylcyclohexane	8.9		"	10.0		88.9	72-143				
Methylene chloride	11		"	10.0		113	55-137				
n-Butylbenzene	8.7		"	10.0		87.3	79-132				
n-Propylbenzene	8.8		"	10.0		88.3	78-133				
o-Xylene	8.6		"	10.0		86.0	78-130				
p- & m- Xylenes	18		"	20.0		88.3	77-133				
p-Isopropyltoluene	9.0		"	10.0		90.4	81-136				
sec-Butylbenzene	9.4		"	10.0		94.4	79-137				
Styrene	9.0		"	10.0		89.7	67-132				
tert-Butyl alcohol (TBA)	50		"	50.0		99.0	25-162				
tert-Butylbenzene	8.8		"	10.0		87.7	77-138				
Tetrachloroethylene	5.8		"	10.0		58.4	82-131	Low Bias			
Toluene	8.9		"	10.0		89.4	80-127				
trans-1,2-Dichloroethylene	9.6		"	10.0		96.1	80-132				
trans-1,3-Dichloropropylene	8.6		"	10.0		86.3	78-131				
trans-1,4-dichloro-2-butene	8.5		"	10.0		85.0	63-141				
Trichloroethylene	8.7		"	10.0		87.0	82-128				
Trichlorofluoromethane	9.4		"	10.0		94.2	67-139				
Vinyl Chloride	4.3		"	10.0		42.7	58-145	Low Bias			
Surrogate: SURR: 1,2-Dichloroethane-d4	9.75		"	10.0		97.5	69-130				
Surrogate: SURR: Toluene-d8	10.0		"	10.0		100	81-117				
Surrogate: SURR: p-Bromofluorobenzene	10.2		"	10.0		102	79-122				



Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BC11596 - EPA 5030B											
LCS Dup (BC11596-BSD1)						Prepared & Analyzed: 03/26/2021					
1,1,1,2-Tetrachloroethane	8.1		ug/L	10.0		81.3	82-126	Low Bias	5.27	30	
1,1,1-Trichloroethane	8.2		"	10.0		82.4	78-136		8.59	30	
1,1,2,2-Tetrachloroethane	8.8		"	10.0		88.3	76-129		4.54	30	
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	8.8		"	10.0		88.0	54-165		9.63	30	
1,1,2-Trichloroethane	8.3		"	10.0		82.9	82-123		3.09	30	
1,1-Dichloroethane	8.0		"	10.0		80.3	82-129	Low Bias	9.04	30	
1,1-Dichloroethylene	8.6		"	10.0		85.9	68-138		10.1	30	
1,2,3-Trichlorobenzene	8.6		"	10.0		86.5	40-130		4.85	30	
1,2,3-Trichloropropane	8.5		"	10.0		84.9	77-128		3.70	30	
1,2,4-Trichlorobenzene	8.5		"	10.0		85.0	65-137		4.60	30	
1,2,4-Trimethylbenzene	8.4		"	10.0		83.5	82-132		7.27	30	
1,2-Dibromo-3-chloropropane	9.0		"	10.0		89.5	45-147		2.10	30	
1,2-Dibromoethane	8.4		"	10.0		84.3	83-124		2.92	30	
1,2-Dichlorobenzene	8.2		"	10.0		82.4	79-123		5.66	30	
1,2-Dichloroethane	8.1		"	10.0		80.7	73-132		5.31	30	
1,2-Dichloropropane	8.2		"	10.0		81.6	78-126		4.90	30	
1,3,5-Trimethylbenzene	8.3		"	10.0		83.1	80-131		7.42	30	
1,3-Dichlorobenzene	8.1		"	10.0		81.2	86-130	Low Bias	7.01	30	
1,4-Dichlorobenzene	8.2		"	10.0		82.2	85-130	Low Bias	6.13	30	
1,4-Dioxane	220		"	210		107	10-349		3.54	30	
2-Butanone	6.9		"	10.0		68.9	49-152		4.68	30	
2-Hexanone	7.4		"	10.0		73.8	51-146		2.14	30	
4-Methyl-2-pentanone	8.6		"	10.0		86.4	57-145		2.40	30	
Acetone	5.0		"	10.0		49.9	14-150		3.16	30	
Acrolein	8.7		"	10.0		87.2	10-153		2.49	30	
Acrylonitrile	9.1		"	10.0		90.6	51-150		4.00	30	
Benzene	8.4		"	10.0		83.5	85-126	Low Bias	7.83	30	
Bromochloromethane	8.3		"	10.0		83.0	77-128		5.73	30	
Bromodichloromethane	8.3		"	10.0		83.1	79-128		5.04	30	
Bromoform	8.4		"	10.0		84.1	78-133		4.19	30	
Bromomethane	9.3		"	10.0		93.3	43-168		13.1	30	
Carbon disulfide	8.7		"	10.0		86.6	68-146		10.2	30	
Carbon tetrachloride	8.1		"	10.0		81.4	77-141		8.47	30	
Chlorobenzene	8.2		"	10.0		81.8	88-120	Low Bias	6.39	30	
Chloroethane	7.8		"	10.0		77.7	65-136		9.56	30	
Chloroform	8.2		"	10.0		81.6	82-128	Low Bias	7.66	30	
Chloromethane	8.4		"	10.0		84.1	43-155		12.6	30	
cis-1,2-Dichloroethylene	8.3		"	10.0		82.7	83-129	Low Bias	8.01	30	
cis-1,3-Dichloropropylene	8.4		"	10.0		84.0	80-131		4.88	30	
Cyclohexane	8.0		"	10.0		80.3	63-149		10.6	30	
Dibromochloromethane	8.5		"	10.0		84.9	80-130		4.72	30	
Dibromomethane	8.3		"	10.0		83.2	72-134		3.89	30	
Dichlorodifluoromethane	3.9		"	10.0		38.7	44-144	Low Bias	2.80	30	
Ethyl Benzene	8.2		"	10.0		82.3	80-131		7.15	30	
Hexachlorobutadiene	8.6		"	10.0		85.8	67-146		6.76	30	
Isopropylbenzene	8.1		"	10.0		81.1	76-140		7.93	30	
Methyl acetate	7.7		"	10.0		77.3	51-139		3.68	30	
Methyl tert-butyl ether (MTBE)	8.4		"	10.0		84.4	76-135		5.42	30	
Methylcyclohexane	8.1		"	10.0		80.8	72-143		9.55	30	
Methylene chloride	11		"	10.0		110	55-137		2.52	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 BC11596 - EPA 5030B											
LCS Dup (BC11596-BSD1)						Prepared & Analyzed: 03/26/2021					
n-Butylbenzene	8.1		ug/L	10.0		81.1	79-132		7.36	30	
n-Propylbenzene	8.2		"	10.0		81.5	78-133		8.01	30	
o-Xylene	8.1		"	10.0		80.7	78-130		6.36	30	
p- & m- Xylenes	16		"	20.0		82.4	77-133		6.97	30	
p-Isopropyltoluene	8.4		"	10.0		83.6	81-136		7.82	30	
sec-Butylbenzene	8.7		"	10.0		87.2	79-137		7.93	30	
Styrene	8.4		"	10.0		84.4	67-132		6.09	30	
tert-Butyl alcohol (TBA)	5.4		"	50.0		10.9	25-162	Low Bias	160	30	Non-dir.
tert-Butylbenzene	8.1		"	10.0		81.0	77-138		7.94	30	
Tetrachloroethylene	5.4		"	10.0		53.8	82-131	Low Bias	8.20	30	
Toluene	8.4		"	10.0		83.9	80-127		6.35	30	
trans-1,2-Dichloroethylene	8.7		"	10.0		87.2	80-132		9.71	30	
trans-1,3-Dichloropropylene	8.3		"	10.0		82.7	78-131		4.26	30	
trans-1,4-dichloro-2-butene	8.0		"	10.0		79.6	63-141		6.56	30	
Trichloroethylene	8.1		"	10.0		81.3	82-128	Low Bias	6.77	30	
Trichlorofluoromethane	8.4		"	10.0		83.6	67-139		11.9	30	
Vinyl Chloride	3.9		"	10.0		38.7	58-145	Low Bias	9.83	30	
Surrogate: SURR: 1,2-Dichloroethane-d4	9.66		"	10.0		96.6	69-130				
Surrogate: SURR: Toluene-d8	9.99		"	10.0		99.9	81-117				
Surrogate: SURR: p-Bromofluorobenzene	10.2		"	10.0		102	79-122				



Volatile Analysis Sample Containers

Lab ID	Client Sample ID	Volatile Sample Container
21C1157-01	MW-5	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C
21C1157-02	MW-8	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C
21C1157-03	MW-11I	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C
21C1157-04	DUP-8	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C
21C1157-05	Trip Blank	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C



Sample and Data Qualifiers Relating to This Work Order

SCAL-E	The value reported is ESTIMATED. The value is estimated due to its behavior during initial calibration (average Rf>20%).
QR-04	The RPD exceeded control limits for the LCS/LCSD QC.
QL-02	This LCS analyte is outside Laboratory Recovery limits due to 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).
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.

Corrective Action: Trip Blank received in cooler not listed on COC, added to WO.

Field Chain-of-Custody Record

YORK Project No. 21C1157

Page 1 of 1

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

YOUR INFORMATION			Report To:		Invoice To:		YOUR Project Number		Turn-Around Time	
Company:	Estate LLC		Company:	SAME		Company:	21-003		RUSH - Next Day	
Address:	NANCY CT, STE 4 WADSWORTH FALLS NY		Address:			Address:			RUSH - Two Day	
Phone:	845-897-8003		Phone:			Phone:			RUSH - Three Day	
Contact:	EVAN STANKUS		Contact:			Contact:			RUSH - Four Day	
E-mail:	estankus@estatellc.com		E-mail:			E-mail:			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.			Matrix Codes S - soil / solid GW - groundwater DW - drinking water WW - wastewater O - Oil : Other		Samples From New York New Jersey Connecticut Pennsylvania Other		Report / EDD Type (circle selections) Summary Report QA Report NY ASP A Package NY ASP B Package		YORK Reg. Comp. Compared to the following Regulation(s): (please fill in)	
Sample Identification MW-5 MW-8 MW-11 DUP-8			Sample Matrix GW ↓		Date/Time Sampled 3/23/21 10:28 ↓ 11:17 ↓ 10:07 ↓ 11:16		Analysis Requested 8260 FULL ↓		Container Description 3-40ml HCL	
Samples Collected by: (print your name above and sign below) 										
Comments:			Preservation: (check all that apply) HCl ☒ MeOH ☐ HNO3 ☐ H2SO4 ☐ NaOH ☐ ZnAc ☐ Ascorbic Acid ☐ Other: ☐							
Samples Relinquished by / Company 			Date/Time 3/24/21 07:00		Samples Received by / Company 		Date/Time 3/24/21 13:10		Special Instruction Field Filtered Lab to Filter	
Relinquished by / Company			Date/Time		Samples Relinquished by / Company		Date/Time		Temp. Received at Lab	
Relinquished by / Company			Date/Time		Samples Relinquished by / Company		Date/Time		Temp. Received at Lab	