ENVIRONMENTAL SERVICES

3 Nancy Court, Suite 4, Wappingers Falls, NY 12590
Tel. (845) 897-0003 Fax (845) 897-0042 www.EcoTecLLC.com

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 19, 2024

ECO TEC LLC
ENVIRONMENTAL SERVICES

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 x 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 29, 2024 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'	11.12'	0.0'	121.73'
MW-8	129.26'	9.41'	0.0'	119.85'
MW-11I	126.48'	7.32'	0.0	119.16'

*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 Horiba U52 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-11I and was identified on the chain of custody as "DUP-11". 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 nine (9) compounds above the laboratory method detection limit (MDL). Five (5) 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 five (5) compounds above the laboratory MDL. One (1) of the VOCs detected exceeds the respective SCGs for groundwater.

Laboratory analysis of the groundwater sampling from MW-11I resulted in the detection of a total of five (5) compounds above the laboratory MDL. One (1) of the VOCs detected exceeds the 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 upon acceptance of the PRR.

Table 2 Laboratory Groundwater Analytical Results

COMPOUND LIST 8260 Full	SCG*	MW-5	MW-8	MW-11i	DUP-11
		3/29/24	3/29/24	3/29/24	3/29/24
1,1,1,2- Tetrachloroethane	5	ND	ND	ND	ND
1,1,1- Trichloroethane	5	ND	**0.44 J**	**0.32 J**	**0.29 J**
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- Trichchloropropane	0.04	ND	ND	ND	ND
1,2,4-Trichlorobenzene	10	ND	ND	ND	ND
1,2,4-Trimethylbenzene	5	ND	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	ND	ND	ND	ND
1,3-Dichlorobezene	5	ND	ND	ND	ND
1,4-Dichlorobezene	4.7	ND	ND	ND	ND
1,4-Dioxane	NL	ND	ND	ND	ND
2-Butanone	50	ND	ND	ND	ND
2-Hexanone	50	ND	ND	ND	ND
4-Methyl-2-pentanone	50	ND	ND	ND	ND
Acetone	50	**11**	ND	ND	ND
Acrolein	5	ND	ND	ND	ND
Acrylonitrile	0.7	ND	ND	ND	ND
Benzene	1	**290**	ND	ND	ND
Bromochloromethane	5	ND	ND	ND	ND
Bromodichloromethane	50	ND	ND	**0.33 J**	**0.33 J**

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	**3.2**	**3.2**
Chloromethane	5	ND	ND	ND	ND
cis-1,2-Dichloroethylene	5	ND	**12**	**8**	**7.1**
cis-1,3-Dichloropropylene	5	ND	ND	ND	ND
Cyclohexane	50	**53**	ND	ND	ND
Dibromochloromethane	50	ND	ND	ND	ND
Dibromomethane	5	ND	ND	ND	ND
Ethyl Benzene	5	**57**	ND	ND	ND
Hexachlorobutadiene	0.5	ND	ND	ND	ND
Isopropylbenzene	5	**32**	ND	ND	ND
Methyl acetate	50	ND	ND	ND	ND
Methyl tert-butyl ether	10	ND	**2**	ND	ND
Methylcyclohexane	50	**39**	ND	ND	ND
Methylene chloride	5	ND	ND	ND	ND
n-Butylbenzene	5	**9.7**	ND	ND	ND
n-Propylbenzene	5	100	ND	ND	ND
o-Xylene	5	ND	ND	ND	ND
p-&m- Xylenes	NL	ND	ND	ND	ND
p-Isopropyltoluene	5	**1.2 J**	ND	ND	ND
sec-Butylbenzene	5	ND	ND	ND	ND
Styrene	5	ND	ND	ND	ND
tert-Butyl alcohol	NL	ND	**3.1**	ND	ND
tert-Butylbenzene	5	ND	ND	ND	ND
Tetrachloroethylene	5	ND	ND	ND	ND
Toluene	5	**1.6 J**	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	**1.3**	**1**	**0.89**
Trichlorofluoromethane	5	ND	ND	ND	ND
Vinyl chloride	2	ND	ND	ND	ND
Xylenes, Total	5	ND	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-11; Field duplicate for MW11i.

Table 3 Historical Groundwater Analytical Results with Current Results

Note: Historical data provided by Final Engineering Report June 2016 prepared by First Environment and 2018, 2021 data provided by EcoTec. **BOLD** indicates current data.

MW-5					
Year	**TCE**	**cis-1,2-DCE**	**VC**	**CVOC**	**BTEX**
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
3/29/24	**ND**	**ND**	**ND**	**ND**	**348**

MW-8					
Year	**TCE**	**cis-1,2-DCE**	**VC**	**CVOC**	**BTEX**
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
3/29/24	**1.3**	**12**	**ND**	**13.74**	**ND**

MW-11I					
Year	**TCE**	**cis-1,2-DCE**	**VC**	**CVOC**	**BTEX**
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
3/29/24	**1.0**	**8**	**ND**	**12.85**	**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

LOW FLOW PURGING / SAMPLING LOG

Project Number: 24-005 Client Name: 146-172 Mill St, LLC

Location: Provan (On Site) Date: 3/29/24

Field Team: Evan Stankunas & Wyatt Jordan

Sampling Information Sample/ Well Number: MW-5 Total Well Depth (ft): 14.20

Location: On-site parking lot

Low Flow Purge Data (WELLS ONLY)

Date/ Time: 3/29/24 Pump Type: Peristaltic Int. Water Level (ft from TOC): 11.12

Well Casing: Stick-up/ (Flush Mount) Measuring Point (MP): Top of Casing Tubing Depth (from MP): 13.00

Sampling Data: Date: 3/29/24 Time: 12:45 Parameters: VOC Sample ID: MW-5

Field Observations: Cloudy 48 deg F; GW – No NAPL, No Sheen, Petroleum Odor Noted

Time	pH (+/- 0.1)	SC (+/- 3%)	Turb (+/- 10%)	DO (+/- 10%)	Temp (+/- 3%)	ORP (+/- 10mV)	DTW Δ<0.3ft	Notes:
11:39	6.11	1.08	8.3	0.68	19.27	146	11.42	
11:41	6.39	1.21	6.8	0.49	18.12	176	12.17	
11:52	6.42	1.34	0.0	0.45	15.52	192	12.46	
11:57	6.43	1.37	0.0	0.40	14.93	199	12.91	
12:00	6.45	1.39	0.0	0.38	14.93	203	13.11	
12:04	6.37	1.41	3.2	0.37	14.93	200	13.15	
12:08	6.31	1.44	22.0	0.36	14.85	200	13.67	
								PUMP STOPPED DRAWING AIR
12:28	6.32	1.49	25	0.80	14.85	204	13.33	
12:32	6.31	1.45	27	0.40	15.30	206	13.57	
12:36	6.31	1.50	22	0.40	15.76	208	13.70	
12:41	6.31	1.48	19	0.39	14.96	211	13.81	
								Sample @12:45

Signature: _____ Page ___1___ of ___1____

LOW FLOW PURGING / SAMPLING LOG

Project Number: 24-005 Client Name: 146-172 Mill St, LLC

Location: Provan (On Site) Date: 3/29/24

Field Team: Evan Stankunas & Wyatt Jordan

Sampling Information Sample/ Well Number: MW-8 Total Well Depth (ft): 13.76

Location: On-site parking lot

Low Flow Purge Data (WELLS ONLY)

Date/ Time: 3/29/24 Pump Type: Peristaltic Int. Water Level (ft from TOC): 9.41

Well Casing: Stick-up/ (Flush Mount) Measuring Point (MP): Top of Casing Tubing Depth (from MP): 10.0

Sampling Data: Date: 3/23/21 Time: 11:16 Parameters: VOC Sample ID: MW-8

Field Observations: Clouds/Sun 46 deg F; GW – No NAPL, No Sheen, No Odor Noted

Time	pH (+/- 0.1)	SC (+/- 3%)	Turb (+/- 10%)	DO (+/- 10%)	Temp (+/- 3%)	ORP (+/- 10mV)	DTW Δ<0.3ft	Notes:
10:31	6.35	0.282	22.5	7.61	13.37	123	9.80	
10:36	6.38	0.284	7.9	6.38	12.90	121	10.13	
10:40	6.67	0.282	5.1	5.62	12.87	91	10.30	
10:43	6.97	0.284	1.9	5.50	12.96	90	10.44	
10:48	6.85	0.282	1.5	5.31	12.96	91	10.55	
10:51	6.84	0.286	0.0	4.86	13.10	90	10.69	
10:55	6.81	0.296	0.0	4.65	13.12	90	10.69	
10:57	6.79	0.294	0.1	4.31	13.29	90	10.79	
11:02	6.71	0.321	0.1	4.46	13.14	93	10.84	
11:04	6.68	0.323	0.0	3.95	13.26	91	10.88	
11:06	6.65	0.338	0.0	3.40	13.39	90	10.92	
11:09	6.60	0.364	0.0	3.37	13.48	89	10.92	
11:12	6.66	0.368	0.0	3.35	13.52	88	10.95	
								Sample at 11:16

Signature: _____ Page ___1___ of ___1____

LOW FLOW PURGING / SAMPLING LOG

Project Number: 24-005 Client Name: 146-172 Mill St, LLC

Location: Provan (On Site) Date: 3/29/24

Field Team: Evan Stankunas & Wyatt Jordan

Sampling Information Sample/ Well Number: MW-11i Total Well Depth (ft): 39.20

Location: On-site parking lot

Low Flow Purge Data (WELLS ONLY)

Date/ Time: 3/29/24 Pump Type: Peristaltic Int. Water Level (ft from TOC): 7.32

Well Casing: Stick-up/ (Flush Mount) Measuring Point (MP): Top of Casing Tubing Depth (from MP): 37.0

Sampling Data: Date: 3/29/24 Time: 10:13 Parameters: VOC Sample ID: MW-11i

Field Observations: Sunny 42 deg F; GW – No NAPL, No Sheen, No Odor Noted

Horiba U52 Calibrated at 0930

Time	pH (+/- 0.1)	SC (+/- 3%)	Turb (+/- 10%)	DO (+/- 10%)	Temp (+/- 3%)	ORP (+/- 10mV)	DTW Δ<0.3ft	Notes:
09:41	5.81	0.344	17.1	9.03	11.37	190	8.30	
09:47	5.92	0.311	12.2	8.02	12.69	159	8.08	
09:50	6.67	0.309	8.8	7.57	13.10	111	7.85	
09:53	6.68	0.319	5.0	7.42	13.18	107	7.85	
09:56	6.72	0.319	2.4	7.20	13.30	103	7.85	
10:00	6.77	0.315	2.0	7.19	13.40	100	7.85	
10:04	6.77	0.327	1.8	6.92	13.41	98	7.85	
10:07	6.77	0.336	1.5	6.82	13.50	97	7.85	
10:10	6.79	0.340	1.6	6.80	13.51	96	7.85	
								Sample at 10:13
								Duplicate Sample Collected

Signature: _____ Page ____1__ of ____1___

Technical Report

prepared for:

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

Report Date: 04/04/2024
Client Project ID: Provan 24-003
York Project (SDG) No.: 24D0003

Stratford, CT Laboratory IDs:
NY:10854, NJ: CT005, PA: 68-0440, CT: PH-0723

Richmond Hill, NY Laboratory IDs:
NY:12058, NJ: NY037, CT: PH-0721, NH: 2097,
EPA: NY01600

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

Report Date: 04/04/2024
Client Project ID: Provan 24-003
York Project (SDG) No.: 24D0003

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 April 01, 2024 and listed below. The project was identified as your project: **Provan 24-003**.

The analyses were conducted utilizing appropriate EPA, Standard Methods, and ASTM methods as detailed in the data summary tables.

All samples were received in proper condition meeting the customary acceptance requirements for environmental samples except those indicated under the Sample and Analysis Qualifiers section of this report.

All analyses met the method and laboratory standard operating procedure requirements except as indicated by any data flags, the meaning of which are explained in the Sample and Data Qualifiers Relating to This Work Order section of this report and case narrative if applicable.

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

Please contact Client Services at 203.325.1371 with any questions regarding this report.

York Sample ID	Client Sample ID	Matrix	Date Collected	Date Received
24D0003-01	MW-5	Ground Water	03/29/2024	04/01/2024
24D0003-02	MW-8	Ground Water	03/29/2024	04/01/2024
24D0003-03	MW-11I	Ground Water	03/29/2024	04/01/2024
24D0003-04	DUP-11	Ground Water	03/29/2024	04/01/2024

General Notes for York Project (SDG) No.: 24D0003

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, NJ Cert No. CT005, PA Cert No. 68-04440, CT Cert No. PH-0723; those conducted at York Analytical Laboratories, Inc., Richmond Hill, NY are indicated by NY Cert. No. 12058, NJ Cert No. NY037, CT Cert No. PH-0721, NH Cert No. 2097, EPA Cert No. NY01600.

Approved By: Cassie L. Mosher

Cassie L. Mosher
Laboratory Manager

Date: 04/04/2024

Sample Information

Client Sample ID: **MW-5** **York Sample ID:** **24D0003-01**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24D0003	Provan 24-003	Ground Water	March 29, 2024 12:45 pm	04/01/2024

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	1.0	2.5	5	EPA 8260D	04/02/2024 08:00	04/02/2024 15:44	SCB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
71-55-6	1,1,1-Trichloroethane	ND		ug/L	1.0	2.5	5	EPA 8260D	04/02/2024 08:00	04/02/2024 15:44	SCB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	1.0	2.5	5	EPA 8260D	04/02/2024 08:00	04/02/2024 15:44	SCB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/L	1.0	2.5	5	EPA 8260D	04/02/2024 08:00	04/02/2024 15:44	SCB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
79-00-5	1,1,2-Trichloroethane	ND		ug/L	1.0	2.5	5	EPA 8260D	04/02/2024 08:00	04/02/2024 15:44	SCB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-34-3	1,1-Dichloroethane	ND		ug/L	1.0	2.5	5	EPA 8260D	04/02/2024 08:00	04/02/2024 15:44	SCB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-35-4	1,1-Dichloroethylene	ND		ug/L	1.0	2.5	5	EPA 8260D	04/02/2024 08:00	04/02/2024 15:44	SCB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	1.0	2.5	5	EPA 8260D	04/02/2024 08:00	04/02/2024 15:44	SCB
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
96-18-4	1,2,3-Trichloropropane	ND		ug/L	1.0	2.5	5	EPA 8260D	04/02/2024 08:00	04/02/2024 15:44	SCB
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	1.0	2.5	5	EPA 8260D	04/02/2024 08:00	04/02/2024 15:44	SCB
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	1.0	2.5	5	EPA 8260D	04/02/2024 08:00	04/02/2024 15:44	SCB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	1.0	2.5	5	EPA 8260D	04/02/2024 08:00	04/02/2024 15:44	SCB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
106-93-4	1,2-Dibromoethane	ND		ug/L	1.0	2.5	5	EPA 8260D	04/02/2024 08:00	04/02/2024 15:44	SCB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
95-50-1	1,2-Dichlorobenzene	ND		ug/L	1.0	2.5	5	EPA 8260D	04/02/2024 08:00	04/02/2024 15:44	SCB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
107-06-2	1,2-Dichloroethane	ND		ug/L	1.0	2.5	5	EPA 8260D	04/02/2024 08:00	04/02/2024 15:44	SCB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
78-87-5	1,2-Dichloropropane	ND		ug/L	1.0	2.5	5	EPA 8260D	04/02/2024 08:00	04/02/2024 15:44	SCB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	1.0	2.5	5	EPA 8260D	04/02/2024 08:00	04/02/2024 15:44	SCB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
541-73-1	1,3-Dichlorobenzene	ND		ug/L	1.0	2.5	5	EPA 8260D	04/02/2024 08:00	04/02/2024 15:44	SCB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
106-46-7	1,4-Dichlorobenzene	ND		ug/L	1.0	2.5	5	EPA 8260D	04/02/2024 08:00	04/02/2024 15:44	SCB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
123-91-1	1,4-Dioxane	ND		ug/L	200	200	5	EPA 8260D	04/02/2024 08:00	04/02/2024 15:44	SCB
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
78-93-3	**2-Butanone**	**4.4**	CCVE	ug/L	1.0	2.5	5	EPA 8260D	04/02/2024 08:00	04/02/2024 15:44	SCB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-C		
591-78-6	2-Hexanone	ND		ug/L	1.0	2.5	5	EPA 8260D	04/02/2024 08:00	04/02/2024 15:44	SCB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		

Sample Information

Client Sample ID: **MW-5** **York Sample ID:** **24D0003-01**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24D0003	Provan 24-003	Ground Water	March 29, 2024 12:45 pm	04/01/2024

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	1.0	2.5	5	EPA 8260D	04/02/2024 08:00	04/02/2024 15:44	SCB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
67-64-1	**Acetone**	**11**	ICVE	ug/L	5.0	10	5	EPA 8260D	04/02/2024 08:00	04/02/2024 15:44	SCB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-C		
107-02-8	Acrolein	ND	CCVE	ug/L	1.0	5.0	5	EPA 8260D	04/02/2024 08:00	04/02/2024 15:44	SCB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
107-13-1	Acrylonitrile	ND		ug/L	1.0	2.5	5	EPA 8260D	04/02/2024 08:00	04/02/2024 15:44	SCB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
71-43-2	**Benzene**	**290**		ug/L	1.0	2.5	5	EPA 8260D	04/02/2024 08:00	04/02/2024 15:44	SCB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-C		
74-97-5	Bromochloromethane	ND		ug/L	1.0	2.5	5	EPA 8260D	04/02/2024 08:00	04/02/2024 15:44	SCB
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
75-27-4	Bromodichloromethane	ND		ug/L	1.0	2.5	5	EPA 8260D	04/02/2024 08:00	04/02/2024 15:44	SCB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-25-2	Bromoform	ND		ug/L	1.0	2.5	5	EPA 8260D	04/02/2024 08:00	04/02/2024 15:44	SCB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
74-83-9	Bromomethane	ND	CCVE	ug/L	1.0	2.5	5	EPA 8260D	04/02/2024 08:00	04/02/2024 15:44	SCB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-15-0	Carbon disulfide	ND		ug/L	1.0	2.5	5	EPA 8260D	04/02/2024 08:00	04/02/2024 15:44	SCB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
56-23-5	Carbon tetrachloride	ND		ug/L	1.0	2.5	5	EPA 8260D	04/02/2024 08:00	04/02/2024 15:44	SCB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-90-7	Chlorobenzene	ND		ug/L	1.0	2.5	5	EPA 8260D	04/02/2024 08:00	04/02/2024 15:44	SCB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-00-3	Chloroethane	ND		ug/L	1.0	2.5	5	EPA 8260D	04/02/2024 08:00	04/02/2024 15:44	SCB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
67-66-3	Chloroform	ND		ug/L	1.0	2.5	5	EPA 8260D	04/02/2024 08:00	04/02/2024 15:44	SCB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
74-87-3	Chloromethane	ND		ug/L	1.0	2.5	5	EPA 8260D	04/02/2024 08:00	04/02/2024 15:44	SCB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
156-59-2	cis-1,2-Dichloroethylene	ND		ug/L	1.0	2.5	5	EPA 8260D	04/02/2024 08:00	04/02/2024 15:44	SCB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	1.0	2.5	5	EPA 8260D	04/02/2024 08:00	04/02/2024 15:44	SCB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
110-82-7	**Cyclohexane**	**53**		ug/L	1.0	2.5	5	EPA 8260D	04/02/2024 08:00	04/02/2024 15:44	SCB
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
124-48-1	Dibromochloromethane	ND		ug/L	1.0	2.5	5	EPA 8260D	04/02/2024 08:00	04/02/2024 15:44	SCB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
74-95-3	Dibromomethane	ND		ug/L	1.0	2.5	5	EPA 8260D	04/02/2024 08:00	04/02/2024 15:44	SCB
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
75-71-8	Dichlorodifluoromethane	ND		ug/L	1.0	2.5	5	EPA 8260D	04/02/2024 08:00	04/02/2024 15:44	SCB
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
100-41-4	**Ethyl Benzene**	**57**		ug/L	1.0	2.5	5	EPA 8260D	04/02/2024 08:00	04/02/2024 15:44	SCB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-C		
87-68-3	Hexachlorobutadiene	ND		ug/L	1.0	2.5	5	EPA 8260D	04/02/2024 08:00	04/02/2024 15:44	SCB
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		

Sample Information

Client Sample ID: **MW-5** **York Sample ID:** **24D0003-01**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24D0003	Provan 24-003	Ground Water	March 29, 2024 12:45 pm	04/01/2024

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**	**32**		ug/L	1.0	2.5	5	EPA 8260D	04/02/2024 08:00	04/02/2024 15:44	SCB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-C		
79-20-9	Methyl acetate	ND		ug/L	1.0	2.5	5	EPA 8260D	04/02/2024 08:00	04/02/2024 15:44	SCB
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	1.0	2.5	5	EPA 8260D	04/02/2024 08:00	04/02/2024 15:44	SCB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-87-2	**Methylcyclohexane**	**39**		ug/L	1.0	2.5	5	EPA 8260D	04/02/2024 08:00	04/02/2024 15:44	SCB
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
75-09-2	Methylene chloride	ND		ug/L	5.0	10	5	EPA 8260D	04/02/2024 08:00	04/02/2024 15:44	SCB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
104-51-8	**n-Butylbenzene**	**9.7**		ug/L	1.0	2.5	5	EPA 8260D	04/02/2024 08:00	04/02/2024 15:44	SCB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-C		
103-65-1	**n-Propylbenzene**	**100**		ug/L	1.0	2.5	5	EPA 8260D	04/02/2024 08:00	04/02/2024 15:44	SCB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-C		
95-47-6	o-Xylene	ND		ug/L	1.0	2.5	5	EPA 8260D	04/02/2024 08:00	04/02/2024 15:44	SCB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP-68		
179601-23-1	p- & m- Xylenes	ND		ug/L	2.5	5.0	5	EPA 8260D	04/02/2024 08:00	04/02/2024 15:44	SCB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP-68		
99-87-6	**p-Isopropyltoluene**	**1.2**	J	ug/L	1.0	2.5	5	EPA 8260D	04/02/2024 08:00	04/02/2024 15:44	SCB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-C		
135-98-8	**sec-Butylbenzene**	**7.7**		ug/L	1.0	2.5	5	EPA 8260D	04/02/2024 08:00	04/02/2024 15:44	SCB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-C		
100-42-5	Styrene	ND		ug/L	1.0	2.5	5	EPA 8260D	04/02/2024 08:00	04/02/2024 15:44	SCB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-65-0	tert-Butyl alcohol (TBA)	ND		ug/L	2.5	5.0	5	EPA 8260D	04/02/2024 08:00	04/02/2024 15:44	SCB
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
98-06-6	tert-Butylbenzene	ND		ug/L	1.0	2.5	5	EPA 8260D	04/02/2024 08:00	04/02/2024 15:44	SCB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
127-18-4	Tetrachloroethylene	ND	CCVE, ICVE, QL-02	ug/L	1.0	2.5	5	EPA 8260D	04/02/2024 08:00	04/02/2024 15:44	SCB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-88-3	**Toluene**	**1.6**	J	ug/L	1.0	2.5	5	EPA 8260D	04/02/2024 08:00	04/02/2024 15:44	SCB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-C		
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	1.0	2.5	5	EPA 8260D	04/02/2024 08:00	04/02/2024 15:44	SCB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	1.0	2.5	5	EPA 8260D	04/02/2024 08:00	04/02/2024 15:44	SCB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
110-57-6	trans-1,4-dichloro-2-butene	ND		ug/L	1.0	2.5	5	EPA 8260D	04/02/2024 08:00	04/02/2024 15:44	SCB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
79-01-6	Trichloroethylene	ND		ug/L	1.0	2.5	5	EPA 8260D	04/02/2024 08:00	04/02/2024 15:44	SCB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-69-4	Trichlorofluoromethane	ND		ug/L	1.0	2.5	5	EPA 8260D	04/02/2024 08:00	04/02/2024 15:44	SCB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-01-4	Vinyl Chloride	ND		ug/L	1.0	2.5	5	EPA 8260D	04/02/2024 08:00	04/02/2024 15:44	SCB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		

Sample Information

Client Sample ID: MW-5 **York Sample ID:** 24D0003-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24D0003	Provan 24-003	Ground Water	March 29, 2024 12:45 pm	04/01/2024

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
1330-20-7	Xylenes, Total	ND		ug/L	3.0	7.5	5	EPA 8260D	04/02/2024 08:00	04/02/2024 15:44	SCB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: SURR: 1,2-Dichloroethane-d4*	*102 %*	*69-130*
2037-26-5	*Surrogate: SURR: Toluene-d8*	*103 %*	*81-117*
460-00-4	*Surrogate: SURR: p-Bromofluorobenzene*	*97.5 %*	*79-122*

Sample Information

Client Sample ID: MW-8 **York Sample ID:** 24D0003-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24D0003	Provan 24-003	Ground Water	March 29, 2024 11:16 am	04/01/2024

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 8260D	04/02/2024 08:00	04/02/2024 16:11	SCB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
71-55-6	**1,1,1-Trichloroethane**	**0.44**	J	ug/L	0.20	0.50	1	EPA 8260D	04/02/2024 08:00	04/02/2024 16:11	SCB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.20	0.50	1	EPA 8260D	04/02/2024 08:00	04/02/2024 16:11	SCB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/L	0.20	0.50	1	EPA 8260D	04/02/2024 08:00	04/02/2024 16:11	SCB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260D	04/02/2024 08:00	04/02/2024 16:11	SCB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-34-3	1,1-Dichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260D	04/02/2024 08:00	04/02/2024 16:11	SCB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260D	04/02/2024 08:00	04/02/2024 16:11	SCB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260D	04/02/2024 08:00	04/02/2024 16:11	SCB
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
96-18-4	1,2,3-Trichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260D	04/02/2024 08:00	04/02/2024 16:11	SCB
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260D	04/02/2024 08:00	04/02/2024 16:11	SCB
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260D	04/02/2024 08:00	04/02/2024 16:11	SCB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.20	0.50	1	EPA 8260D	04/02/2024 08:00	04/02/2024 16:11	SCB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		

Sample Information

Client Sample ID: MW-8 **York Sample ID:** 24D0003-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24D0003	Provan 24-003	Ground Water	March 29, 2024 11:16 am	04/01/2024

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
106-93-4	1,2-Dibromoethane	ND		ug/L	0.20	0.50	1	EPA 8260D Certifications:	04/02/2024 08:00	04/02/2024 16:11	SCB CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260D Certifications:	04/02/2024 08:00	04/02/2024 16:11	SCB CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
107-06-2	1,2-Dichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260D Certifications:	04/02/2024 08:00	04/02/2024 16:11	SCB CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
78-87-5	1,2-Dichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260D Certifications:	04/02/2024 08:00	04/02/2024 16:11	SCB CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260D Certifications:	04/02/2024 08:00	04/02/2024 16:11	SCB CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260D Certifications:	04/02/2024 08:00	04/02/2024 16:11	SCB CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260D Certifications:	04/02/2024 08:00	04/02/2024 16:11	SCB CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
123-91-1	1,4-Dioxane	ND		ug/L	40	40	1	EPA 8260D Certifications:	04/02/2024 08:00	04/02/2024 16:11	SCB NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04
78-93-3	2-Butanone	ND	CCVE	ug/L	0.20	0.50	1	EPA 8260D Certifications:	04/02/2024 08:00	04/02/2024 16:11	SCB CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
591-78-6	2-Hexanone	ND		ug/L	0.20	0.50	1	EPA 8260D Certifications:	04/02/2024 08:00	04/02/2024 16:11	SCB CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
108-10-1	4-Methyl-2-pentanone	ND		ug/L	0.20	0.50	1	EPA 8260D Certifications:	04/02/2024 08:00	04/02/2024 16:11	SCB CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
67-64-1	Acetone	ND	ICVE	ug/L	1.0	2.0	1	EPA 8260D Certifications:	04/02/2024 08:00	04/02/2024 16:11	SCB CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
107-02-8	Acrolein	ND	CCVE	ug/L	0.20	1.0	1	EPA 8260D Certifications:	04/02/2024 08:00	04/02/2024 16:11	SCB CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
107-13-1	Acrylonitrile	ND		ug/L	0.20	0.50	1	EPA 8260D Certifications:	04/02/2024 08:00	04/02/2024 16:11	SCB CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
71-43-2	Benzene	ND		ug/L	0.20	0.50	1	EPA 8260D Certifications:	04/02/2024 08:00	04/02/2024 16:11	SCB CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
74-97-5	Bromochloromethane	ND		ug/L	0.20	0.50	1	EPA 8260D Certifications:	04/02/2024 08:00	04/02/2024 16:11	SCB NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04
75-27-4	Bromodichloromethane	ND		ug/L	0.20	0.50	1	EPA 8260D Certifications:	04/02/2024 08:00	04/02/2024 16:11	SCB CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
75-25-2	Bromoform	ND		ug/L	0.20	0.50	1	EPA 8260D Certifications:	04/02/2024 08:00	04/02/2024 16:11	SCB CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
74-83-9	Bromomethane	ND	CCVE	ug/L	0.20	0.50	1	EPA 8260D Certifications:	04/02/2024 08:00	04/02/2024 16:11	SCB CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
75-15-0	Carbon disulfide	ND		ug/L	0.20	0.50	1	EPA 8260D Certifications:	04/02/2024 08:00	04/02/2024 16:11	SCB CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
56-23-5	Carbon tetrachloride	ND		ug/L	0.20	0.50	1	EPA 8260D Certifications:	04/02/2024 08:00	04/02/2024 16:11	SCB CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
108-90-7	Chlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260D Certifications:	04/02/2024 08:00	04/02/2024 16:11	SCB CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
75-00-3	Chloroethane	ND		ug/L	0.20	0.50	1	EPA 8260D Certifications:	04/02/2024 08:00	04/02/2024 16:11	SCB CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT

Sample Information

Client Sample ID: MW-8 **York Sample ID:** 24D0003-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24D0003	Provan 24-003	Ground Water	March 29, 2024 11:16 am	04/01/2024

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
67-66-3	Chloroform	ND		ug/L	0.20	0.50	1	EPA 8260D	04/02/2024 08:00	04/02/2024 16:11	SCB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
74-87-3	Chloromethane	ND		ug/L	0.20	0.50	1	EPA 8260D	04/02/2024 08:00	04/02/2024 16:11	SCB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
156-59-2	**cis-1,2-Dichloroethylene**	**12**		ug/L	0.20	0.50	1	EPA 8260D	04/02/2024 08:00	04/02/2024 16:11	SCB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-C		
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA 8260D	04/02/2024 08:00	04/02/2024 16:11	SCB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
110-82-7	Cyclohexane	ND		ug/L	0.20	0.50	1	EPA 8260D	04/02/2024 08:00	04/02/2024 16:11	SCB
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
124-48-1	Dibromochloromethane	ND		ug/L	0.20	0.50	1	EPA 8260D	04/02/2024 08:00	04/02/2024 16:11	SCB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
74-95-3	Dibromomethane	ND		ug/L	0.20	0.50	1	EPA 8260D	04/02/2024 08:00	04/02/2024 16:11	SCB
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.20	0.50	1	EPA 8260D	04/02/2024 08:00	04/02/2024 16:11	SCB
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
100-41-4	Ethyl Benzene	ND		ug/L	0.20	0.50	1	EPA 8260D	04/02/2024 08:00	04/02/2024 16:11	SCB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
87-68-3	Hexachlorobutadiene	ND		ug/L	0.20	0.50	1	EPA 8260D	04/02/2024 08:00	04/02/2024 16:11	SCB
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
98-82-8	Isopropylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260D	04/02/2024 08:00	04/02/2024 16:11	SCB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
79-20-9	Methyl acetate	ND		ug/L	0.20	0.50	1	EPA 8260D	04/02/2024 08:00	04/02/2024 16:11	SCB
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
1634-04-4	**Methyl tert-butyl ether (MTBE)**	**2.0**		ug/L	0.20	0.50	1	EPA 8260D	04/02/2024 08:00	04/02/2024 16:11	SCB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-C		
108-87-2	Methylcyclohexane	ND		ug/L	0.20	0.50	1	EPA 8260D	04/02/2024 08:00	04/02/2024 16:11	SCB
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
75-09-2	Methylene chloride	ND		ug/L	1.0	2.0	1	EPA 8260D	04/02/2024 08:00	04/02/2024 16:11	SCB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
104-51-8	n-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260D	04/02/2024 08:00	04/02/2024 16:11	SCB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
103-65-1	n-Propylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260D	04/02/2024 08:00	04/02/2024 16:11	SCB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
95-47-6	o-Xylene	ND		ug/L	0.20	0.50	1	EPA 8260D	04/02/2024 08:00	04/02/2024 16:11	SCB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP-68-		
179601-23-1	p- & m- Xylenes	ND		ug/L	0.50	1.0	1	EPA 8260D	04/02/2024 08:00	04/02/2024 16:11	SCB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP-68-		
99-87-6	p-Isopropyltoluene	ND		ug/L	0.20	0.50	1	EPA 8260D	04/02/2024 08:00	04/02/2024 16:11	SCB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
135-98-8	sec-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260D	04/02/2024 08:00	04/02/2024 16:11	SCB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
100-42-5	Styrene	ND		ug/L	0.20	0.50	1	EPA 8260D	04/02/2024 08:00	04/02/2024 16:11	SCB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-65-0	**tert-Butyl alcohol (TBA)**	**3.1**		ug/L	0.50	1.0	1	EPA 8260D	04/02/2024 08:00	04/02/2024 16:11	SCB
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-0		

Sample Information

Client Sample ID: **MW-8** **York Sample ID:** **24D0003-02**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24D0003	Provan 24-003	Ground Water	March 29, 2024 11:16 am	04/01/2024

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
98-06-6	tert-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260D	04/02/2024 08:00	04/02/2024 16:11	SCB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
127-18-4	Tetrachloroethylene	ND	CCVE, ICVE, QL-02	ug/L	0.20	0.50	1	EPA 8260D	04/02/2024 08:00	04/02/2024 16:11	SCB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-88-3	Toluene	ND		ug/L	0.20	0.50	1	EPA 8260D	04/02/2024 08:00	04/02/2024 16:11	SCB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260D	04/02/2024 08:00	04/02/2024 16:11	SCB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA 8260D	04/02/2024 08:00	04/02/2024 16:11	SCB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
110-57-6	trans-1,4-dichloro-2-butene	ND		ug/L	0.20	0.50	1	EPA 8260D	04/02/2024 08:00	04/02/2024 16:11	SCB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
79-01-6	**Trichloroethylene**	**1.3**		ug/L	0.20	0.50	1	EPA 8260D	04/02/2024 08:00	04/02/2024 16:11	SCB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-69-4	Trichlorofluoromethane	ND		ug/L	0.20	0.50	1	EPA 8260D	04/02/2024 08:00	04/02/2024 16:11	SCB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-01-4	Vinyl Chloride	ND		ug/L	0.20	0.50	1	EPA 8260D	04/02/2024 08:00	04/02/2024 16:11	SCB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
1330-20-7	Xylenes, Total	ND		ug/L	0.60	1.5	1	EPA 8260D	04/02/2024 08:00	04/02/2024 16:11	SCB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: SURR: 1,2-Dichloroethane-d4*	*96.9 %*	*69-130*
2037-26-5	*Surrogate: SURR: Toluene-d8*	*104 %*	*81-117*
460-00-4	*Surrogate: SURR: p-Bromofluorobenzene*	*104 %*	*79-122*

Sample Information

Client Sample ID: **MW-11I** **York Sample ID:** **24D0003-03**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24D0003	Provan 24-003	Ground Water	March 29, 2024 10:13 am	04/01/2024

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 8260D	04/02/2024 08:00	04/02/2024 16:37	SCB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
71-55-6	**1,1,1-Trichloroethane**	**0.32**	J	ug/L	0.20	0.50	1	EPA 8260D	04/02/2024 08:00	04/02/2024 16:37	SCB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.20	0.50	1	EPA 8260D	04/02/2024 08:00	04/02/2024 16:37	SCB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		

Sample Information

Client Sample ID: MW-11I

York Sample ID: 24D0003-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24D0003	Provan 24-003	Ground Water	March 29, 2024 10:13 am	04/01/2024

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
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/L	0.20	0.50	1	EPA 8260D Certifications:	04/02/2024 08:00	04/02/2024 16:37 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	SCB
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260D Certifications:	04/02/2024 08:00	04/02/2024 16:37 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	SCB
75-34-3	1,1-Dichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260D Certifications:	04/02/2024 08:00	04/02/2024 16:37 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	SCB
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260D Certifications:	04/02/2024 08:00	04/02/2024 16:37 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	SCB
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260D Certifications:	04/02/2024 08:00	04/02/2024 16:37 NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	SCB
96-18-4	1,2,3-Trichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260D Certifications:	04/02/2024 08:00	04/02/2024 16:37 NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	SCB
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260D Certifications:	04/02/2024 08:00	04/02/2024 16:37 NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	SCB
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260D Certifications:	04/02/2024 08:00	04/02/2024 16:37 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	SCB
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.20	0.50	1	EPA 8260D Certifications:	04/02/2024 08:00	04/02/2024 16:37 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	SCB
106-93-4	1,2-Dibromoethane	ND		ug/L	0.20	0.50	1	EPA 8260D Certifications:	04/02/2024 08:00	04/02/2024 16:37 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	SCB
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260D Certifications:	04/02/2024 08:00	04/02/2024 16:37 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	SCB
107-06-2	1,2-Dichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260D Certifications:	04/02/2024 08:00	04/02/2024 16:37 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	SCB
78-87-5	1,2-Dichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260D Certifications:	04/02/2024 08:00	04/02/2024 16:37 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	SCB
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260D Certifications:	04/02/2024 08:00	04/02/2024 16:37 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	SCB
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260D Certifications:	04/02/2024 08:00	04/02/2024 16:37 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	SCB
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260D Certifications:	04/02/2024 08:00	04/02/2024 16:37 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	SCB
123-91-1	1,4-Dioxane	ND		ug/L	40	40	1	EPA 8260D Certifications:	04/02/2024 08:00	04/02/2024 16:37 NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	SCB
78-93-3	2-Butanone	ND	CCVE	ug/L	0.20	0.50	1	EPA 8260D Certifications:	04/02/2024 08:00	04/02/2024 16:37 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	SCB
591-78-6	2-Hexanone	ND		ug/L	0.20	0.50	1	EPA 8260D Certifications:	04/02/2024 08:00	04/02/2024 16:37 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	SCB
108-10-1	4-Methyl-2-pentanone	ND		ug/L	0.20	0.50	1	EPA 8260D Certifications:	04/02/2024 08:00	04/02/2024 16:37 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	SCB
67-64-1	Acetone	ND	ICVE	ug/L	1.0	2.0	1	EPA 8260D Certifications:	04/02/2024 08:00	04/02/2024 16:37 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	SCB
107-02-8	Acrolein	ND	CCVE	ug/L	0.20	1.0	1	EPA 8260D Certifications:	04/02/2024 08:00	04/02/2024 16:37 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	SCB
107-13-1	Acrylonitrile	ND		ug/L	0.20	0.50	1	EPA 8260D Certifications:	04/02/2024 08:00	04/02/2024 16:37 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	SCB

Sample Information

Client Sample ID: MW-11I

York Sample ID: 24D0003-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24D0003	Provan 24-003	Ground Water	March 29, 2024 10:13 am	04/01/2024

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
71-43-2	Benzene	ND		ug/L	0.20	0.50	1	EPA 8260D Certifications:	04/02/2024 08:00	04/02/2024 16:37	SCB CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
74-97-5	Bromochloromethane	ND		ug/L	0.20	0.50	1	EPA 8260D Certifications:	04/02/2024 08:00	04/02/2024 16:37	SCB NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04
75-27-4	**Bromodichloromethane**	**0.33**	J	ug/L	0.20	0.50	1	EPA 8260D Certifications:	04/02/2024 08:00	04/02/2024 16:37	SCB CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-C
75-25-2	Bromoform	ND		ug/L	0.20	0.50	1	EPA 8260D Certifications:	04/02/2024 08:00	04/02/2024 16:37	SCB CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
74-83-9	Bromomethane	ND	CCVE	ug/L	0.20	0.50	1	EPA 8260D Certifications:	04/02/2024 08:00	04/02/2024 16:37	SCB CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
75-15-0	Carbon disulfide	ND		ug/L	0.20	0.50	1	EPA 8260D Certifications:	04/02/2024 08:00	04/02/2024 16:37	SCB CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
56-23-5	Carbon tetrachloride	ND		ug/L	0.20	0.50	1	EPA 8260D Certifications:	04/02/2024 08:00	04/02/2024 16:37	SCB CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
108-90-7	Chlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260D Certifications:	04/02/2024 08:00	04/02/2024 16:37	SCB CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
75-00-3	Chloroethane	ND		ug/L	0.20	0.50	1	EPA 8260D Certifications:	04/02/2024 08:00	04/02/2024 16:37	SCB CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
67-66-3	**Chloroform**	**3.2**		ug/L	0.20	0.50	1	EPA 8260D Certifications:	04/02/2024 08:00	04/02/2024 16:37	SCB CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-C
74-87-3	Chloromethane	ND		ug/L	0.20	0.50	1	EPA 8260D Certifications:	04/02/2024 08:00	04/02/2024 16:37	SCB CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
156-59-2	**cis-1,2-Dichloroethylene**	**8.0**		ug/L	0.20	0.50	1	EPA 8260D Certifications:	04/02/2024 08:00	04/02/2024 16:37	SCB CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-C
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA 8260D Certifications:	04/02/2024 08:00	04/02/2024 16:37	SCB CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
110-82-7	Cyclohexane	ND		ug/L	0.20	0.50	1	EPA 8260D Certifications:	04/02/2024 08:00	04/02/2024 16:37	SCB NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04
124-48-1	Dibromochloromethane	ND		ug/L	0.20	0.50	1	EPA 8260D Certifications:	04/02/2024 08:00	04/02/2024 16:37	SCB CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
74-95-3	Dibromomethane	ND		ug/L	0.20	0.50	1	EPA 8260D Certifications:	04/02/2024 08:00	04/02/2024 16:37	SCB NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.20	0.50	1	EPA 8260D Certifications:	04/02/2024 08:00	04/02/2024 16:37	SCB NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04
100-41-4	Ethyl Benzene	ND		ug/L	0.20	0.50	1	EPA 8260D Certifications:	04/02/2024 08:00	04/02/2024 16:37	SCB CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
87-68-3	Hexachlorobutadiene	ND		ug/L	0.20	0.50	1	EPA 8260D Certifications:	04/02/2024 08:00	04/02/2024 16:37	SCB NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04
98-82-8	Isopropylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260D Certifications:	04/02/2024 08:00	04/02/2024 16:37	SCB CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
79-20-9	Methyl acetate	ND		ug/L	0.20	0.50	1	EPA 8260D Certifications:	04/02/2024 08:00	04/02/2024 16:37	SCB NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.20	0.50	1	EPA 8260D Certifications:	04/02/2024 08:00	04/02/2024 16:37	SCB CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
108-87-2	Methylcyclohexane	ND		ug/L	0.20	0.50	1	EPA 8260D Certifications:	04/02/2024 08:00	04/02/2024 16:37	SCB NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04

Sample Information

Client Sample ID: MW-11I

York Sample ID: 24D0003-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24D0003	Provan 24-003	Ground Water	March 29, 2024 10:13 am	04/01/2024

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
75-09-2	Methylene chloride	ND		ug/L	1.0	2.0	1	EPA 8260D Certifications:	04/02/2024 08:00	04/02/2024 16:37	SCB CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
104-51-8	n-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260D Certifications:	04/02/2024 08:00	04/02/2024 16:37	SCB CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
103-65-1	n-Propylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260D Certifications:	04/02/2024 08:00	04/02/2024 16:37	SCB CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
95-47-6	o-Xylene	ND		ug/L	0.20	0.50	1	EPA 8260D Certifications:	04/02/2024 08:00	04/02/2024 16:37	SCB CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP-68
179601-23-1	p- & m- Xylenes	ND		ug/L	0.50	1.0	1	EPA 8260D Certifications:	04/02/2024 08:00	04/02/2024 16:37	SCB CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP-68
99-87-6	p-Isopropyltoluene	ND		ug/L	0.20	0.50	1	EPA 8260D Certifications:	04/02/2024 08:00	04/02/2024 16:37	SCB CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
135-98-8	sec-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260D Certifications:	04/02/2024 08:00	04/02/2024 16:37	SCB CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
100-42-5	Styrene	ND		ug/L	0.20	0.50	1	EPA 8260D Certifications:	04/02/2024 08:00	04/02/2024 16:37	SCB CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
75-65-0	tert-Butyl alcohol (TBA)	ND		ug/L	0.50	1.0	1	EPA 8260D Certifications:	04/02/2024 08:00	04/02/2024 16:37	SCB NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04
98-06-6	tert-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260D Certifications:	04/02/2024 08:00	04/02/2024 16:37	SCB CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
127-18-4	Tetrachloroethylene	ND	CCVE, ICVE, QL-02	ug/L	0.20	0.50	1	EPA 8260D Certifications:	04/02/2024 08:00	04/02/2024 16:37	SCB CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
108-88-3	Toluene	ND		ug/L	0.20	0.50	1	EPA 8260D Certifications:	04/02/2024 08:00	04/02/2024 16:37	SCB CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260D Certifications:	04/02/2024 08:00	04/02/2024 16:37	SCB CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA 8260D Certifications:	04/02/2024 08:00	04/02/2024 16:37	SCB CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
110-57-6	trans-1,4-dichloro-2-butene	ND		ug/L	0.20	0.50	1	EPA 8260D Certifications:	04/02/2024 08:00	04/02/2024 16:37	SCB CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
79-01-6	**Trichloroethylene**	**1.0**		ug/L	0.20	0.50	1	EPA 8260D Certifications:	04/02/2024 08:00	04/02/2024 16:37	SCB CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-C
75-69-4	Trichlorofluoromethane	ND		ug/L	0.20	0.50	1	EPA 8260D Certifications:	04/02/2024 08:00	04/02/2024 16:37	SCB CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
75-01-4	Vinyl Chloride	ND		ug/L	0.20	0.50	1	EPA 8260D Certifications:	04/02/2024 08:00	04/02/2024 16:37	SCB CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
1330-20-7	Xylenes, Total	ND		ug/L	0.60	1.5	1	EPA 8260D Certifications:	04/02/2024 08:00	04/02/2024 16:37	SCB CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: SURR: 1,2-Dichloroethane-d4*	*94.7 %*	*69-130*
2037-26-5	*Surrogate: SURR: Toluene-d8*	*103 %*	*81-117*
460-00-4	*Surrogate: SURR: p-Bromofluorobenzene*	*105 %*	*79-122*

Sample Information

Client Sample ID: **DUP-11** **York Sample ID:** **24D0003-04**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24D0003	Provan 24-003	Ground Water	March 29, 2024 10:13 am	04/01/2024

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 8260D Certifications:	04/02/2024 08:00	04/02/2024 17:04 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	SCB
71-55-6	**1,1,1-Trichloroethane**	**0.29**	J	ug/L	0.20	0.50	1	EPA 8260D Certifications:	04/02/2024 08:00	04/02/2024 17:04 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	SCB
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.20	0.50	1	EPA 8260D Certifications:	04/02/2024 08:00	04/02/2024 17:04 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	SCB
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/L	0.20	0.50	1	EPA 8260D Certifications:	04/02/2024 08:00	04/02/2024 17:04 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	SCB
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260D Certifications:	04/02/2024 08:00	04/02/2024 17:04 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	SCB
75-34-3	1,1-Dichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260D Certifications:	04/02/2024 08:00	04/02/2024 17:04 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	SCB
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260D Certifications:	04/02/2024 08:00	04/02/2024 17:04 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	SCB
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260D Certifications:	04/02/2024 08:00	04/02/2024 17:04 NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	SCB
96-18-4	1,2,3-Trichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260D Certifications:	04/02/2024 08:00	04/02/2024 17:04 NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	SCB
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260D Certifications:	04/02/2024 08:00	04/02/2024 17:04 NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	SCB
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260D Certifications:	04/02/2024 08:00	04/02/2024 17:04 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	SCB
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.20	0.50	1	EPA 8260D Certifications:	04/02/2024 08:00	04/02/2024 17:04 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	SCB
106-93-4	1,2-Dibromoethane	ND		ug/L	0.20	0.50	1	EPA 8260D Certifications:	04/02/2024 08:00	04/02/2024 17:04 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	SCB
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260D Certifications:	04/02/2024 08:00	04/02/2024 17:04 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	SCB
107-06-2	1,2-Dichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260D Certifications:	04/02/2024 08:00	04/02/2024 17:04 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	SCB
78-87-5	1,2-Dichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260D Certifications:	04/02/2024 08:00	04/02/2024 17:04 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	SCB
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260D Certifications:	04/02/2024 08:00	04/02/2024 17:04 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	SCB
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260D Certifications:	04/02/2024 08:00	04/02/2024 17:04 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	SCB
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260D Certifications:	04/02/2024 08:00	04/02/2024 17:04 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	SCB
123-91-1	1,4-Dioxane	ND		ug/L	40	40	1	EPA 8260D Certifications:	04/02/2024 08:00	04/02/2024 17:04 NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	SCB
78-93-3	2-Butanone	ND	CCVE	ug/L	0.20	0.50	1	EPA 8260D Certifications:	04/02/2024 08:00	04/02/2024 17:04 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	SCB
591-78-6	2-Hexanone	ND		ug/L	0.20	0.50	1	EPA 8260D Certifications:	04/02/2024 08:00	04/02/2024 17:04 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	SCB
108-10-1	4-Methyl-2-pentanone	ND		ug/L	0.20	0.50	1	EPA 8260D Certifications:	04/02/2024 08:00	04/02/2024 17:04 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	SCB

Sample Information

Client Sample ID: DUP-11 **York Sample ID:** 24D0003-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24D0003	Provan 24-003	Ground Water	March 29, 2024 10:13 am	04/01/2024

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	ICVE	ug/L	1.0	2.0	1	EPA 8260D Certifications:	04/02/2024 08:00	04/02/2024 17:04	SCB CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
107-02-8	Acrolein	ND	CCVE	ug/L	0.20	1.0	1	EPA 8260D Certifications:	04/02/2024 08:00	04/02/2024 17:04	SCB CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
107-13-1	Acrylonitrile	ND		ug/L	0.20	0.50	1	EPA 8260D Certifications:	04/02/2024 08:00	04/02/2024 17:04	SCB CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
71-43-2	Benzene	ND		ug/L	0.20	0.50	1	EPA 8260D Certifications:	04/02/2024 08:00	04/02/2024 17:04	SCB CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
74-97-5	Bromochloromethane	ND		ug/L	0.20	0.50	1	EPA 8260D Certifications:	04/02/2024 08:00	04/02/2024 17:04	SCB NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04
75-27-4	**Bromodichloromethane**	**0.33**	J	ug/L	0.20	0.50	1	EPA 8260D Certifications:	04/02/2024 08:00	04/02/2024 17:04	SCB CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-C
75-25-2	Bromoform	ND		ug/L	0.20	0.50	1	EPA 8260D Certifications:	04/02/2024 08:00	04/02/2024 17:04	SCB CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
74-83-9	Bromomethane	ND	CCVE	ug/L	0.20	0.50	1	EPA 8260D Certifications:	04/02/2024 08:00	04/02/2024 17:04	SCB CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
75-15-0	Carbon disulfide	ND		ug/L	0.20	0.50	1	EPA 8260D Certifications:	04/02/2024 08:00	04/02/2024 17:04	SCB CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
56-23-5	Carbon tetrachloride	ND		ug/L	0.20	0.50	1	EPA 8260D Certifications:	04/02/2024 08:00	04/02/2024 17:04	SCB CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
108-90-7	Chlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260D Certifications:	04/02/2024 08:00	04/02/2024 17:04	SCB CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
75-00-3	Chloroethane	ND		ug/L	0.20	0.50	1	EPA 8260D Certifications:	04/02/2024 08:00	04/02/2024 17:04	SCB CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
67-66-3	**Chloroform**	**3.2**		ug/L	0.20	0.50	1	EPA 8260D Certifications:	04/02/2024 08:00	04/02/2024 17:04	SCB CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-C
74-87-3	Chloromethane	ND		ug/L	0.20	0.50	1	EPA 8260D Certifications:	04/02/2024 08:00	04/02/2024 17:04	SCB CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
156-59-2	**cis-1,2-Dichloroethylene**	**7.1**		ug/L	0.20	0.50	1	EPA 8260D Certifications:	04/02/2024 08:00	04/02/2024 17:04	SCB CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-C
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA 8260D Certifications:	04/02/2024 08:00	04/02/2024 17:04	SCB CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
110-82-7	Cyclohexane	ND		ug/L	0.20	0.50	1	EPA 8260D Certifications:	04/02/2024 08:00	04/02/2024 17:04	SCB NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04
124-48-1	Dibromochloromethane	ND		ug/L	0.20	0.50	1	EPA 8260D Certifications:	04/02/2024 08:00	04/02/2024 17:04	SCB CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
74-95-3	Dibromomethane	ND		ug/L	0.20	0.50	1	EPA 8260D Certifications:	04/02/2024 08:00	04/02/2024 17:04	SCB NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.20	0.50	1	EPA 8260D Certifications:	04/02/2024 08:00	04/02/2024 17:04	SCB NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04
100-41-4	Ethyl Benzene	ND		ug/L	0.20	0.50	1	EPA 8260D Certifications:	04/02/2024 08:00	04/02/2024 17:04	SCB CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
87-68-3	Hexachlorobutadiene	ND		ug/L	0.20	0.50	1	EPA 8260D Certifications:	04/02/2024 08:00	04/02/2024 17:04	SCB NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04
98-82-8	Isopropylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260D Certifications:	04/02/2024 08:00	04/02/2024 17:04	SCB CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT

Sample Information

Client Sample ID: DUP-11 **York Sample ID:** 24D0003-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24D0003	Provan 24-003	Ground Water	March 29, 2024 10:13 am	04/01/2024

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 8260D Certifications:	04/02/2024 08:00 NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	04/02/2024 17:04	SCB
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.20	0.50	1	EPA 8260D Certifications:	04/02/2024 08:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	04/02/2024 17:04	SCB
108-87-2	Methylcyclohexane	ND		ug/L	0.20	0.50	1	EPA 8260D Certifications:	04/02/2024 08:00 NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	04/02/2024 17:04	SCB
75-09-2	Methylene chloride	ND		ug/L	1.0	2.0	1	EPA 8260D Certifications:	04/02/2024 08:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	04/02/2024 17:04	SCB
104-51-8	n-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260D Certifications:	04/02/2024 08:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	04/02/2024 17:04	SCB
103-65-1	n-Propylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260D Certifications:	04/02/2024 08:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	04/02/2024 17:04	SCB
95-47-6	o-Xylene	ND		ug/L	0.20	0.50	1	EPA 8260D Certifications:	04/02/2024 08:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP-68	04/02/2024 17:04	SCB
179601-23-1	p- & m- Xylenes	ND		ug/L	0.50	1.0	1	EPA 8260D Certifications:	04/02/2024 08:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP-68	04/02/2024 17:04	SCB
99-87-6	p-Isopropyltoluene	ND		ug/L	0.20	0.50	1	EPA 8260D Certifications:	04/02/2024 08:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	04/02/2024 17:04	SCB
135-98-8	sec-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260D Certifications:	04/02/2024 08:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	04/02/2024 17:04	SCB
100-42-5	Styrene	ND		ug/L	0.20	0.50	1	EPA 8260D Certifications:	04/02/2024 08:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	04/02/2024 17:04	SCB
75-65-0	tert-Butyl alcohol (TBA)	ND		ug/L	0.50	1.0	1	EPA 8260D Certifications:	04/02/2024 08:00 NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	04/02/2024 17:04	SCB
98-06-6	tert-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260D Certifications:	04/02/2024 08:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	04/02/2024 17:04	SCB
127-18-4	Tetrachloroethylene	ND	CCVE, ICVE, QL-02	ug/L	0.20	0.50	1	EPA 8260D Certifications:	04/02/2024 08:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	04/02/2024 17:04	SCB
108-88-3	Toluene	ND		ug/L	0.20	0.50	1	EPA 8260D Certifications:	04/02/2024 08:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	04/02/2024 17:04	SCB
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260D Certifications:	04/02/2024 08:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	04/02/2024 17:04	SCB
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA 8260D Certifications:	04/02/2024 08:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	04/02/2024 17:04	SCB
110-57-6	trans-1,4-dichloro-2-butene	ND		ug/L	0.20	0.50	1	EPA 8260D Certifications:	04/02/2024 08:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	04/02/2024 17:04	SCB
79-01-6	**Trichloroethylene**	**0.89**		ug/L	0.20	0.50	1	EPA 8260D Certifications:	04/02/2024 08:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-C	04/02/2024 17:04	SCB
75-69-4	Trichlorofluoromethane	ND		ug/L	0.20	0.50	1	EPA 8260D Certifications:	04/02/2024 08:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	04/02/2024 17:04	SCB
75-01-4	Vinyl Chloride	ND		ug/L	0.20	0.50	1	EPA 8260D Certifications:	04/02/2024 08:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	04/02/2024 17:04	SCB
1330-20-7	Xylenes, Total	ND		ug/L	0.60	1.5	1	EPA 8260D Certifications:	04/02/2024 08:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	04/02/2024 17:04	SCB

Surrogate Recoveries	Result	Acceptance Range

Sample Information

Client Sample ID: **DUP-11** **York Sample ID:** **24D0003-04**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24D0003	Provan 24-003	Ground Water	March 29, 2024 10:13 am	04/01/2024

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
17060-07-0	*Surrogate: SURR: 1,2-Dichloroethane-d4*	*98.3 %*			*69-130*						
2037-26-5	*Surrogate: SURR: Toluene-d8*	*103 %*			*81-117*						
460-00-4	*Surrogate: SURR: p-Bromofluorobenzene*	*105 %*			*79-122*						

Analytical Batch Summary

Batch ID: BD40149 **Preparation Method:** EPA 5030B **Prepared By:** FO

YORK Sample ID	Client Sample ID	Preparation Date
24D0003-01	MW-5	04/02/24
24D0003-02	MW-8	04/02/24
24D0003-03	MW-11I	04/02/24
24D0003-04	DUP-11	04/02/24
BD40149-BLK1	Blank	04/02/24
BD40149-BS1	LCS	04/02/24
BD40149-BSD1	LCS Dup	04/02/24

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BD40149 - EPA 5030B											
Blank (BD40149-BLK1)											Prepared & Analyzed: 04/02/2024
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	1.0	"								
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. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BD40149 - EPA 5030B											
Blank (BD40149-BLK1)											Prepared & Analyzed: 04/02/2024
Methylene chloride	1.1	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	*10.1*		*"*	*10.0*		*101*	*69-130*				
Surrogate: SURR: Toluene-d8	*10.1*		*"*	*10.0*		*101*	*81-117*				
Surrogate: SURR: p-Bromofluorobenzene	*9.65*		*"*	*10.0*		*96.5*	*79-122*				
LCS (BD40149-BS1)											Prepared & Analyzed: 04/02/2024
1,1,1,2-Tetrachloroethane	9.7		ug/L	10.0		96.8	82-126				
1,1,1-Trichloroethane	9.4		"	10.0		93.5	78-136				
1,1,2,2-Tetrachloroethane	10		"	10.0		102	76-129				
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	11		"	10.0		114	54-165				
1,1,2-Trichloroethane	10		"	10.0		101	82-123				
1,1-Dichloroethane	9.2		"	10.0		92.3	82-129				
1,1-Dichloroethylene	9.8		"	10.0		98.0	68-138				
1,2,3-Trichlorobenzene	13		"	10.0		126	40-130				
1,2,3-Trichloropropane	9.0		"	10.0		89.9	77-128				
1,2,4-Trichlorobenzene	11		"	10.0		113	65-137				
1,2,4-Trimethylbenzene	10		"	10.0		104	82-132				
1,2-Dibromo-3-chloropropane	12		"	10.0		115	45-147				
1,2-Dibromoethane	9.5		"	10.0		95.0	83-124				
1,2-Dichlorobenzene	9.6		"	10.0		96.2	79-123				
1,2-Dichloroethane	10		"	10.0		103	73-132				
1,2-Dichloropropane	10		"	10.0		101	78-126				
1,3,5-Trimethylbenzene	10		"	10.0		102	80-131				
1,3-Dichlorobenzene	9.5		"	10.0		95.4	86-130				
1,4-Dichlorobenzene	9.3		"	10.0		93.4	85-130				
1,4-Dioxane	200		"	210		95.5	10-349				
2-Butanone	9.3		"	10.0		93.2	49-152				
2-Hexanone	9.5		"	10.0		95.3	51-146				
4-Methyl-2-pentanone	11		"	10.0		108	57-145				
Acetone	6.8		"	10.0		68.0	14-150				
Acrolein	7.5		"	10.0		75.0	10-153				
Acrylonitrile	10		"	10.0		102	51-150				

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BD40149 - EPA 5030B											
LCS (BD40149-BS1)							Prepared & Analyzed: 04/02/2024				
Benzene	9.7		ug/L	10.0		97.2	85-126				
Bromochloromethane	9.4		"	10.0		93.9	77-128				
Bromodichloromethane	10		"	10.0		100	79-128				
Bromoform	10		"	10.0		100	78-133				
Bromomethane	8.6		"	10.0		85.9	43-168				
Carbon disulfide	9.4		"	10.0		94.0	68-146				
Carbon tetrachloride	9.6		"	10.0		95.9	77-141				
Chlorobenzene	9.8		"	10.0		97.5	88-120				
Chloroethane	11		"	10.0		108	65-136				
Chloroform	9.3		"	10.0		92.7	82-128				
Chloromethane	13		"	10.0		128	43-155				
cis-1,2-Dichloroethylene	9.6		"	10.0		96.5	83-129				
cis-1,3-Dichloropropylene	10		"	10.0		101	80-131				
Cyclohexane	11		"	10.0		107	63-149				
Dibromochloromethane	9.8		"	10.0		97.8	80-130				
Dibromomethane	9.6		"	10.0		95.6	72-134				
Dichlorodifluoromethane	13		"	10.0		127	44-144				
Ethyl Benzene	10		"	10.0		102	80-131				
Hexachlorobutadiene	12		"	10.0		119	67-146				
Isopropylbenzene	9.8		"	10.0		98.1	76-140				
Methyl acetate	10		"	10.0		101	51-139				
Methyl tert-butyl ether (MTBE)	10		"	10.0		99.8	76-135				
Methylcyclohexane	10		"	10.0		105	72-143				
Methylene chloride	10		"	10.0		103	55-137				
n-Butylbenzene	11		"	10.0		110	79-132				
n-Propylbenzene	10		"	10.0		99.5	78-133				
o-Xylene	9.8		"	10.0		98.4	78-130				
p- & m- Xylenes	21		"	20.0		103	77-133				
p-Isopropyltoluene	10		"	10.0		105	81-136				
sec-Butylbenzene	10		"	10.0		102	79-137				
Styrene	10		"	10.0		103	67-132				
tert-Butyl alcohol (TBA)	44		"	50.0		88.6	25-162				
tert-Butylbenzene	9.8		"	10.0		98.4	77-138				
Tetrachloroethylene	4.8		"	10.0		48.3	82-131	Low Bias			
Toluene	10		"	10.0		101	80-127				
trans-1,2-Dichloroethylene	9.6		"	10.0		96.4	80-132				
trans-1,3-Dichloropropylene	10		"	10.0		102	78-131				
trans-1,4-dichloro-2-butene	10		"	10.0		103	63-141				
Trichloroethylene	9.4		"	10.0		94.5	82-128				
Trichlorofluoromethane	11		"	10.0		114	67-139				
Vinyl Chloride	12		"	10.0		116	58-145				
Surrogate: SURR: 1,2-Dichloroethane-d4	*9.76*		*"*	*10.0*		*97.6*	*69-130*				
Surrogate: SURR: Toluene-d8	*10.2*		*"*	*10.0*		*102*	*81-117*				
Surrogate: SURR: p-Bromofluorobenzene	*9.88*		*"*	*10.0*		*98.8*	*79-122*				

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BD40149 - EPA 5030B											
LCS Dup (BD40149-BSD1)								Prepared & Analyzed: 04/02/2024			
1,1,1,2-Tetrachloroethane	9.4		ug/L	10.0		93.7	82-126		3.25	30	
1,1,1-Trichloroethane	9.0		"	10.0		89.9	78-136		3.93	30	
1,1,2,2-Tetrachloroethane	10		"	10.0		104	76-129		1.94	30	
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	11		"	10.0		110	54-165		3.67	30	
1,1,2-Trichloroethane	10		"	10.0		103	82-123		1.57	30	
1,1-Dichloroethane	8.9		"	10.0		89.3	82-129		3.30	30	
1,1-Dichloroethylene	9.2		"	10.0		92.4	68-138		5.88	30	
1,2,3-Trichlorobenzene	18		"	10.0		180	40-130	High Bias	35.6	30	Non-dir.
1,2,3-Trichloropropane	9.0		"	10.0		89.9	77-128		0.00	30	
1,2,4-Trichlorobenzene	13		"	10.0		128	65-137		12.8	30	
1,2,4-Trimethylbenzene	9.6		"	10.0		96.3	82-132		7.88	30	
1,2-Dibromo-3-chloropropane	13		"	10.0		131	45-147		12.6	30	
1,2-Dibromoethane	9.8		"	10.0		97.9	83-124		3.01	30	
1,2-Dichlorobenzene	9.4		"	10.0		93.8	79-123		2.53	30	
1,2-Dichloroethane	11		"	10.0		106	73-132		2.30	30	
1,2-Dichloropropane	9.9		"	10.0		98.7	78-126		2.70	30	
1,3,5-Trimethylbenzene	9.4		"	10.0		93.5	80-131		8.89	30	
1,3-Dichlorobenzene	9.0		"	10.0		89.9	86-130		5.94	30	
1,4-Dichlorobenzene	8.9		"	10.0		88.6	85-130		5.27	30	
1,4-Dioxane	210		"	210		99.9	10-349		4.53	30	
2-Butanone	8.7		"	10.0		87.2	49-152		6.65	30	
2-Hexanone	10		"	10.0		105	51-146		9.40	30	
4-Methyl-2-pentanone	12		"	10.0		118	57-145		8.60	30	
Acetone	7.2		"	10.0		72.4	14-150		6.27	30	
Acrolein	7.2		"	10.0		71.6	10-153		4.64	30	
Acrylonitrile	11		"	10.0		105	51-150		3.58	30	
Benzene	9.4		"	10.0		94.4	85-126		2.92	30	
Bromochloromethane	9.3		"	10.0		92.6	77-128		1.39	30	
Bromodichloromethane	9.8		"	10.0		98.0	79-128		2.42	30	
Bromoform	11		"	10.0		105	78-133		5.07	30	
Bromomethane	8.1		"	10.0		81.2	43-168		5.63	30	
Carbon disulfide	8.9		"	10.0		89.3	68-146		5.13	30	
Carbon tetrachloride	9.0		"	10.0		90.4	77-141		5.90	30	
Chlorobenzene	9.4		"	10.0		93.7	88-120		3.97	30	
Chloroethane	10		"	10.0		104	65-136		3.87	30	
Chloroform	9.0		"	10.0		90.4	82-128		2.51	30	
Chloromethane	12		"	10.0		124	43-155		3.18	30	
cis-1,2-Dichloroethylene	9.3		"	10.0		92.9	83-129		3.80	30	
cis-1,3-Dichloropropylene	9.9		"	10.0		99.2	80-131		1.80	30	
Cyclohexane	10		"	10.0		103	63-149		4.09	30	
Dibromochloromethane	9.9		"	10.0		98.6	80-130		0.815	30	
Dibromomethane	9.6		"	10.0		95.7	72-134		0.105	30	
Dichlorodifluoromethane	12		"	10.0		121	44-144		4.27	30	
Ethyl Benzene	9.5		"	10.0		95.0	80-131		6.62	30	
Hexachlorobutadiene	11		"	10.0		113	67-146		5.25	30	
Isopropylbenzene	8.9		"	10.0		88.8	76-140		9.95	30	
Methyl acetate	11		"	10.0		114	51-139		11.3	30	
Methyl tert-butyl ether (MTBE)	11		"	10.0		108	76-135		7.61	30	
Methylcyclohexane	9.7		"	10.0		96.6	72-143		8.05	30	
Methylene chloride	10		"	10.0		103	55-137		0.0970	30	

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BD40149 - EPA 5030B											
LCS Dup (BD40149-BSD1)								Prepared & Analyzed: 04/02/2024			
n-Butylbenzene	10		ug/L	10.0		101	79-132		8.54	30	
n-Propylbenzene	9.0		"	10.0		90.4	78-133		9.58	30	
o-Xylene	9.4		"	10.0		94.1	78-130		4.47	30	
p- & m- Xylenes	19		"	20.0		96.4	77-133		6.47	30	
p-Isopropyltoluene	9.5		"	10.0		94.9	81-136		10.1	30	
sec-Butylbenzene	9.2		"	10.0		91.9	79-137		10.0	30	
Styrene	9.9		"	10.0		98.7	67-132		3.87	30	
tert-Butyl alcohol (TBA)	47		"	50.0		94.1	25-162		6.00	30	
tert-Butylbenzene	8.9		"	10.0		89.4	77-138		9.58	30	
Tetrachloroethylene	4.5		"	10.0		45.1	82-131	Low Bias	6.85	30	
Toluene	9.5		"	10.0		95.0	80-127		6.02	30	
trans-1,2-Dichloroethylene	9.3		"	10.0		92.6	80-132		4.02	30	
trans-1,3-Dichloropropylene	10		"	10.0		102	78-131		0.0976	30	
trans-1,4-dichloro-2-butene	10		"	10.0		105	63-141		1.54	30	
Trichloroethylene	8.8		"	10.0		88.4	82-128		6.67	30	
Trichlorofluoromethane	11		"	10.0		110	67-139		3.67	30	
Vinyl Chloride	11		"	10.0		111	58-145		4.32	30	
Surrogate: SURR: 1,2-Dichloroethane-d4	*10.1*		*"*	*10.0*		*101*	*69-130*				
Surrogate: SURR: Toluene-d8	*10.0*		*"*	*10.0*		*100*	*81-117*				
Surrogate: SURR: p-Bromofluorobenzene	*9.54*		*"*	*10.0*		*95.4*	*79-122*				

Volatile Analysis Sample Containers

Lab ID	Client Sample ID	Volatile Sample Container
24D0003-01	MW-5	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C
24D0003-02	MW-8	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C
24D0003-03	MW-11I	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C
24D0003-04	DUP-11	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C

Sample and Data Qualifiers Relating to This Work Order

QL-02	This LCS analyte is outside Laboratory Recovery limits due the analyte behavior using the referenced method. The reference method has certain limitations with respect to analytes of this nature.
J	Detected below the Reporting Limit but greater than or equal to the Method Detection Limit (MDL/LOD) or in the case of a TIC, the result is an estimated concentration.
ICVE	The value reported is ESTIMATED. The value is estimated due to its behavior during initial calibration verification (recovery exceeded 30% of expected value).
CCVE	The value reported is ESTIMATED. The value is estimated due to its behavior during continuing calibration verification (>20% Difference for average Rf or >20% Drift for quadratic fit).
B	Analyte is found in the associated analysis batch blank. For volatiles, methylene chloride and acetone are common lab contaminants.

Definitions and Other Explanations

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

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

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

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

Certification for pH is no longer offered by NYDOH ELAP.

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

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

Field Chain-of-Custody Record

YORK ANALYTICAL LABORATORIES INC

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

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

YORK Project No. 24D0003

YOUR Information	Report To:	Invoice To:
Company: ECOTEC LLC	Company: SAME	Company: SAME
Address: 3 NANCY CT STE 1 WAPPINGERS FALLS NY	Address:	Address:
Phone.:	Phone.:	Phone.:
Contact: EVAN STANKUS	Contact:	Contact:
E-mail: estankus@ecotecllc.com	E-mail:	E-mail:

YOUR Project Number: 24-005

YOUR Project Name: Provan

YOUR PO#:

Turn-Around Time

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

PFAS Standard is 7-10 Days

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

EVAN STANKUS

Samplee Collected by: (print AND sign your name)

Matrix Codes

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

Samples From

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

Report / EDD Type (circle selections)

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

YORK Reg. Comp.

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

Sample Identification	Sample Matrix	Date/Time Sampled	Analyses Requested	Container Type	No.
MW-5	GW	3/29/2024 1245	8260 FULL	40ml	3
MW-8		1116			
MW-11I		1013			
DUP-11		1013			

Comments:

Preservation: (check all that apply)

HCl X MeOH ____ HNO3 ____ H2SO4 ____ NaOH ____
ZnAc ____ Ascorbic Acid ____ Other: ____

Special Instruction

- Field Filtered
- Lab to Filter

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

1. Samples Relinquished by / Company	Date/Time	1. Samples Received by / Company	Date/Time	2. Samples Relinquished by / Company	Date/Time
	3/30/24 1441	Chris Cattani	4-1-24 7:20	Chris Cattani	4-1-24 1450
2. Samples Received by / Company	Date/Time	3. Samples Relinquished by / Company	Date/Time	3. Samples Received by / Company	Date/Time
4. Samples Relinquished by / Company	Date/Time	4. Samples Received by / Company	Date/Time	Samples Received in LAB by	Date/Time / Temperature
					4/1/24 1450 4.6 Degrees C