Electronic Transmittal Form for DEEP Remediation, LUST, and PCB Secure File Transfer (SFT)

DEPARTMENT OF ENERGY AND ENVIRONMENTAL PROTECTION
REMEDIATION DIVISION, PCB PROGRAM, AND
LEAKING UNDERGROUND STORAGE TANK COORDINATION PROGRAM
www.ct.gov/deep

This Electronic Transmittal Form must be completed and included as the cover sheet of your electronic document when uploading a document to the Connecticut SFT website. Requirements for Transmittals through the SFT website:

- Documents submitted through the SFT website must include all applicable figures, tables and laboratory data.
- Files must be formatted as PDF/A and use the appropriate naming convention:
  - For Remediation Filings: **REM_REMID #_SiteAddress_Town_DocumentType_DateofDocument**
  - For LUST Filings: **LUST_SiteAddress_Town_AbbreviationForDocumentType_DateofDocument**
  - For PCB Filings: **PCB_SiteAddress_Town_AbbreviationForDocumentType_DateofDocument**
  Example: LUST_1MainStreet_Hartford_ESA_01-01-2001
  Note: For "AbbreviationForDocumentType" use appropriate abbreviation at Transmittal of Documents
- If no Rem ID assigned (new filing) or REM ID is unknown leave field blank

Part I: Primary Recipient*: Remediation Program (* required)

For Remediation documents:	For PCB/LUST documents:
Primary Program*: Other Remediation Program	UST Facility ID: 105-1820 (if applicable)
Rem ID*: 15092	Spill Case Number: 202203368 (if known)

Part II: Site Information

Site Name*: 49 Lyme Street

Site Address*:

City/Town*: Old Lyme State: CT Zip Code: 06371

Secondary Programs (complete as many as applicable for this document):

Program: Significant Environmental Hazard	Project ID: 1230
Program: Other Remediation Program	Project ID: 23-001
Program: Select Secondary Program	Project ID:
Program: Select Secondary Program	Project ID:

Provide Project ID for each secondary program if it is known.
Each program has a unique ID (i.e. Rem ID, Spill Case #, UST Facility ID, etc.)

Part III: Document Information (document type required for appropriate program[s] only)

Remediation*: Correspondence

LUST/PCB*: LUST/PCB Document Type

Date of Document*: 9/29/2023 Version: Final

Part IV: Submitter Information

Name*: Turner Environmental, LLC

E-mail*: turnerenviro@att.net

Name of company/business this document is being submitted on behalf of: *

Region 18 Schools

TURNER ENVIRONMENTAL, LLC
P.O. Box 581
East Lyme, CT 06333
(860) 705-8704

September 29, 2023

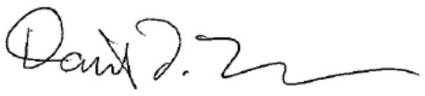
Moises Torrent
Department of Energy and Environmental Protection
Emergency Response and Spill Prevention Division
79 Elm Street
Hartford, Connecticut 06106-5127

Re: Regional School Board District 18
Consent Order Number COWSERU 23-001
Monthly Progress Report

Dear Mr. Torrent:

Turner Environmental, LLC has been working on the oil spill response for Region 18 in Old Lyme. Pursuant to Section B.2. of Consent Order Number COWSERU 23-001 please find our Progress Report and the required certification page for this submittal. Please feel free to contact me at (860) 705-8704 if you have any questions.

Sincerely,
Turner Environmental, LLC



David T. Turner, L.E.P.

Attachments – Certification Page COWSERU 23-001
August 2023 Update

cc: Ian Neviaser
Ronald Turner
Ann Catino

CERTIFICATION REQUIRED BY CONSENT ORDER COWSERU 23-001

"I have personally examined and am familiar with the information submitted in this document and all attachments thereto, and I certify, based on reasonable investigation, including my inquiry of those individuals responsible for obtaining the information, that the submitted information is true, accurate and complete to the best of my knowledge and belief, and I understand that any false statement made in the submitted information is punishable as a criminal offense under §53a-157b of the Connecticut General Statutes and any other applicable law."

Turner Environmental LLC

David T. Turner

Signature

Name (Print)/Title: David Turner, LEP

Date: September 29, 2023

Regional School District No. 18

Signature

Name (Print): Ian Neviaser

Date: 9/29/23

September 28, 2023 Update

Summary of Tasks Completed Pursuant to Consent Order COWSERU 23-001

Region 18, Lyme-Old Lyme Middle School

Turner Environmental has continued to work on the investigation and clean-up of the oil spill at the Old Lyme Middle school. Tasks have included sampling and testing of groundwater monitoring wells and recovery wells, re-sampling drinking water wells, passively recovered oil using oil absorbent oil "pigs" placed in recovery wells prior to remedial system start-up, delivery and start-up of a Pump and Treat groundwater remediation system. The site location is shown in Figure 1.

Drinking water (DW) wells at [redacted] were resampled on August 29, 2023. ETPH has been added to the requested analyses for the [redacted] DW sample. No results are available at this time.

Additional details are provided below.

Passive Oil Recovery Former Holding Tank Area and Boiler Room

Small amounts of free product (FP) continue to be observed in the former holding tank area and recovery wells in the boiler room. In general, during September FP was observed in Recovery well (RW-11) in from approximately 3/16" up to ½". Lesser amounts of free product were observed in RW-10 the southernmost recovery well in the boiler room typically at about ¼". Essentially no FP was observed in RW-7, RW-8 or RW-9. Small amounts of staining were observed in the oil absorbent pig in RW-9 occasionally during September.

Turner collected oil from the "pigs" in the recovery wells and measured the amounts recovered. Approximately 200 mL per week was recovered per week until treatment system start-up.

Monitoring Wells Sampling and Analyses

All monitoring wells (except MW-14 which was dry) were resampled and analyzed for extractable total petroleum hydrocarbons (ETPH), polyaromatic hydrocarbons (PAHs) and volatile organic compounds (VOCs). Results of the analyses are summarized in Table 1. VOCs and ETPH were detected in a number of wells on the western side of the building. Concentrations of benzene and ETPH exceeded their respective criteria in MW-7, MW-10, MW-13 and MW-18. Groundwater contours using recent data (September 2023) are shown in Figure 2. The groundwater plume appears to move northwest across the school property and then move more westerly as it approaches Lyme Street.

In general, VOC and ETPH concentrations appear to have increased slightly. A copy of the laboratory report for MWs is included in Attachment A.

Off-site Drinking Water Wells

Drinking water wells at [redacted] were tested in late August with no VOCs detected in those samples. Those drinking water wells were resampled on September 27, 2023 and submitted to the laboratory for analyses. Results are pending.

Figure 3 shows the nearby drinking water wells, the monitoring well network and location of the plume based on the information previously collected.

Groundwater Pump and Treat System

The pump and treat system was installed during the second week of September and started operation on September 18, 2023. The general location of treatment system components is shown on Figure 4. The compressor and pump skid are located in the boiler room. The treatment system itself, including the oil/water separator, transfer pump, controls, bag filters and carbon vessels are located in the "conex box" located just outside the eastern wall of the boiler room.

Since start-up over 4,000 gallons of water has been collected and treated. Sampling and analyses for the start-up sampling for the General Permit was completed and initial results show the discharge to be in compliance with all permit limits.

The treatment system is currently pumping from wells RW-11, RW-10 and RW-7 which includes the former holding tank area and boiler room where FP has been observed and where ETPH concentrations are the highest. Samples from the recovery wells (RW) were also collected and analyzed. The location of the recovery wells are shown in Figure 4. Results of analyses of initial samples from the recovery wells indicate ETPH concentrations from approximately 0.5 to approximately 3 mg/L and benzene concentrations from not detected to 16.7 ug/L. Results of these analyses are summarized in Table 2. A copy of the laboratory report for the RWs is provided in Attachment B.

The treatment system is set up with three air operated pneumatic pumps. These pumps are currently set-up in RW-11 (former holding tanks area), RW-10 (southern portion of the boiler room) and RW-7 (northernmost portion of the boiler room). The intakes of these wells have been set to initially skim the surface to maximize collection of FP observed, particularly in RW-10 in the southern portion of the boiler room and RW-11 in the former holding tanks area.

Based on the average concentrations of ETPH in the RW being pumped, approximately twenty-four liters of petroleum is estimated to have been removed by the treatment system since the pump and treat system became operational.

We are transitioning pump intakes to deeper in the wells to obtain water from deeper in the wells to initiate drawdown of wells and provide hydraulic containment of the plume. This will be evaluated over the next month as flows equalize and the water table is drawn down.

Respectfully submitted,

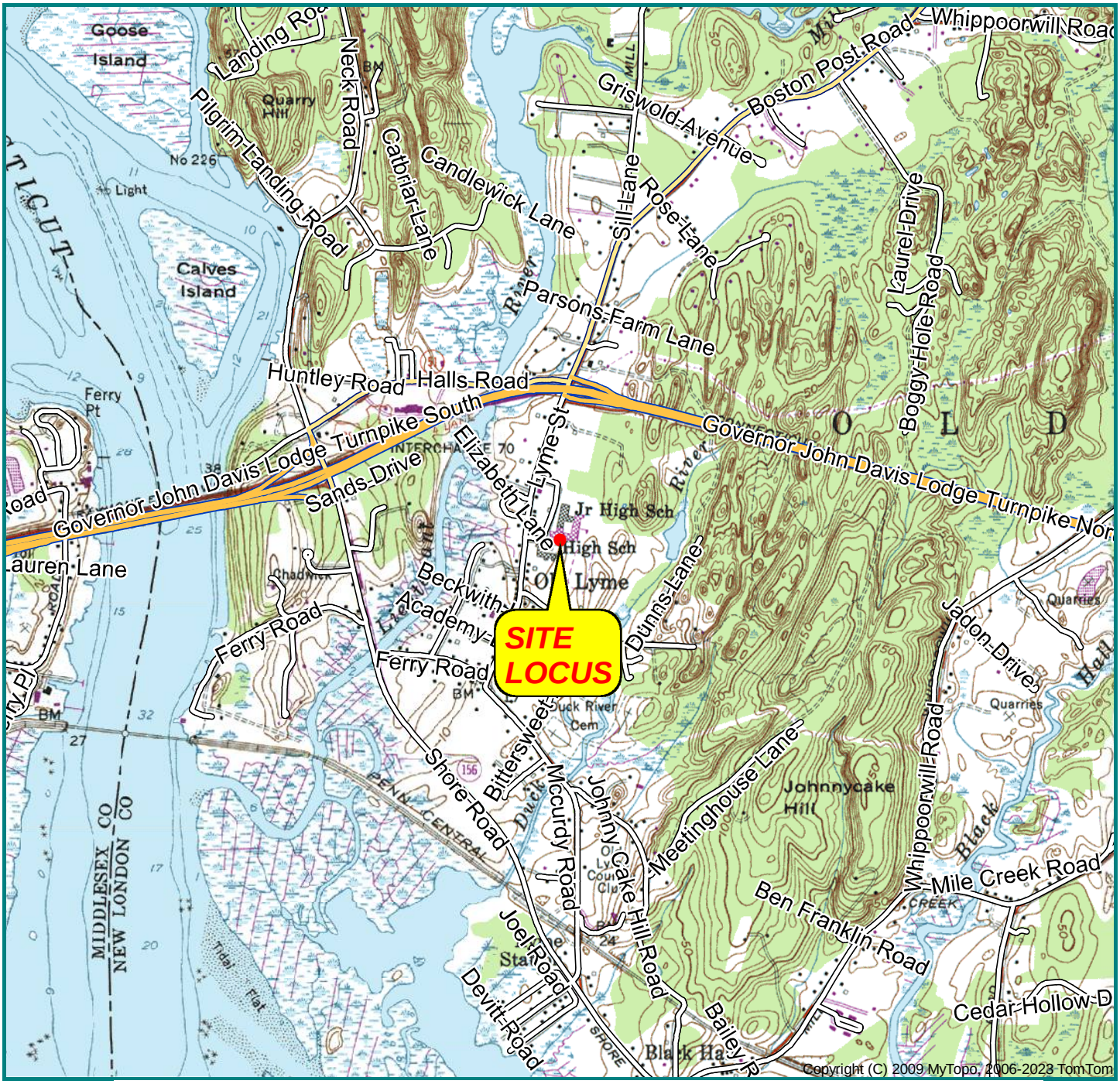
TURNER ENVIRONMENTAL, LLC



David T. Turner, LEP

Attachments

Figures



OLD LYME Topographic 1958 41072-C3-TF-024 National Geodetic Vertical Datum 1929

SCALE 1:24000

0 1000 2000 3000 4000 5000
FEET

0 1
MILE

N NW NE W E SW SE S

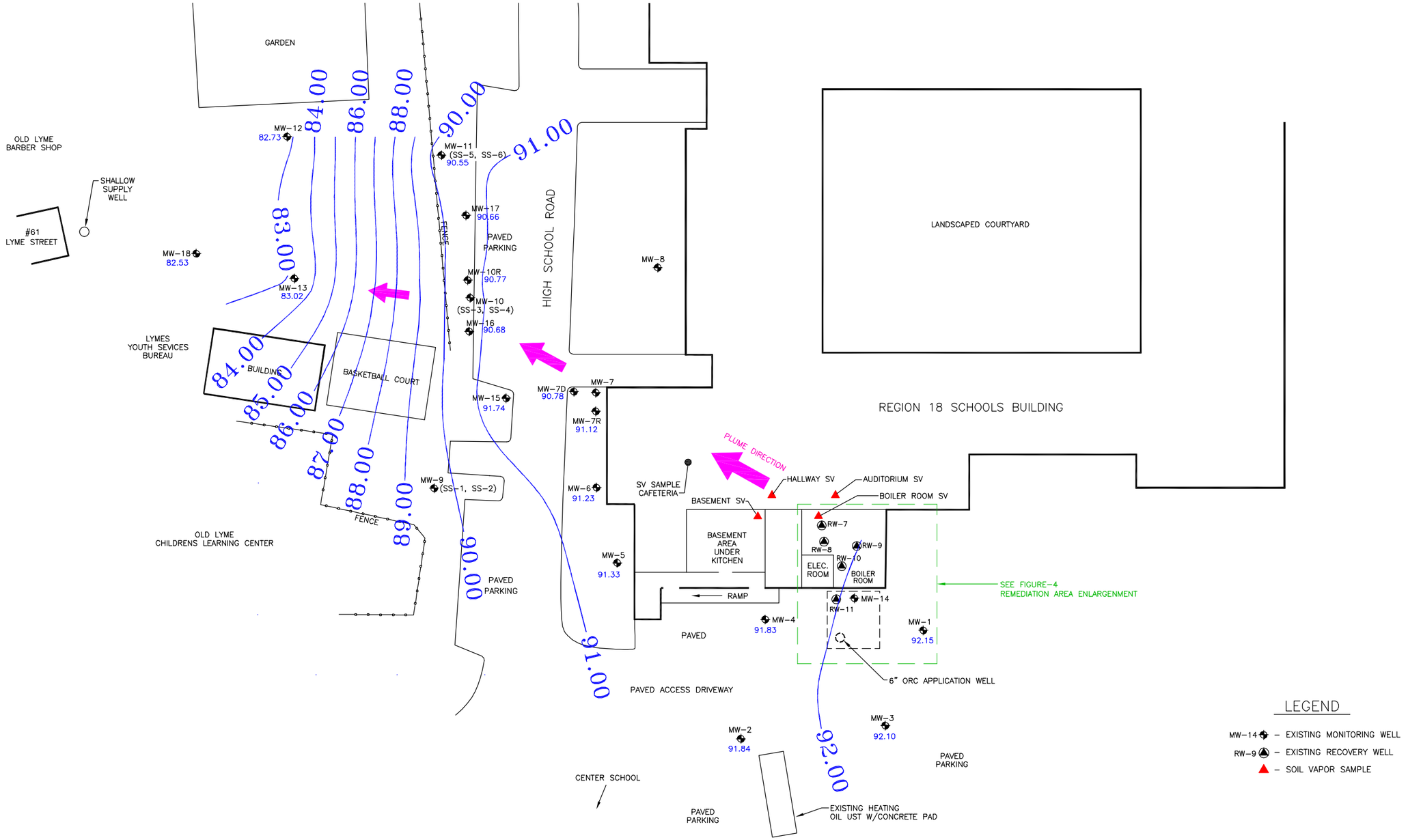
Site Coordinates:
041° 19' 04.35" N, 072° 19' 42.04" W

Turner Environmental LLC
P.O. Box 581, East Lyme, CT 06333
(860) 705-8704 turnerenviro@att.net

Site Location:
47 Lyme Street
New London County,
Old Lyme, CT

Project: TE 23-007 Date: 3/9/23

Figure-1
Site Locus Map

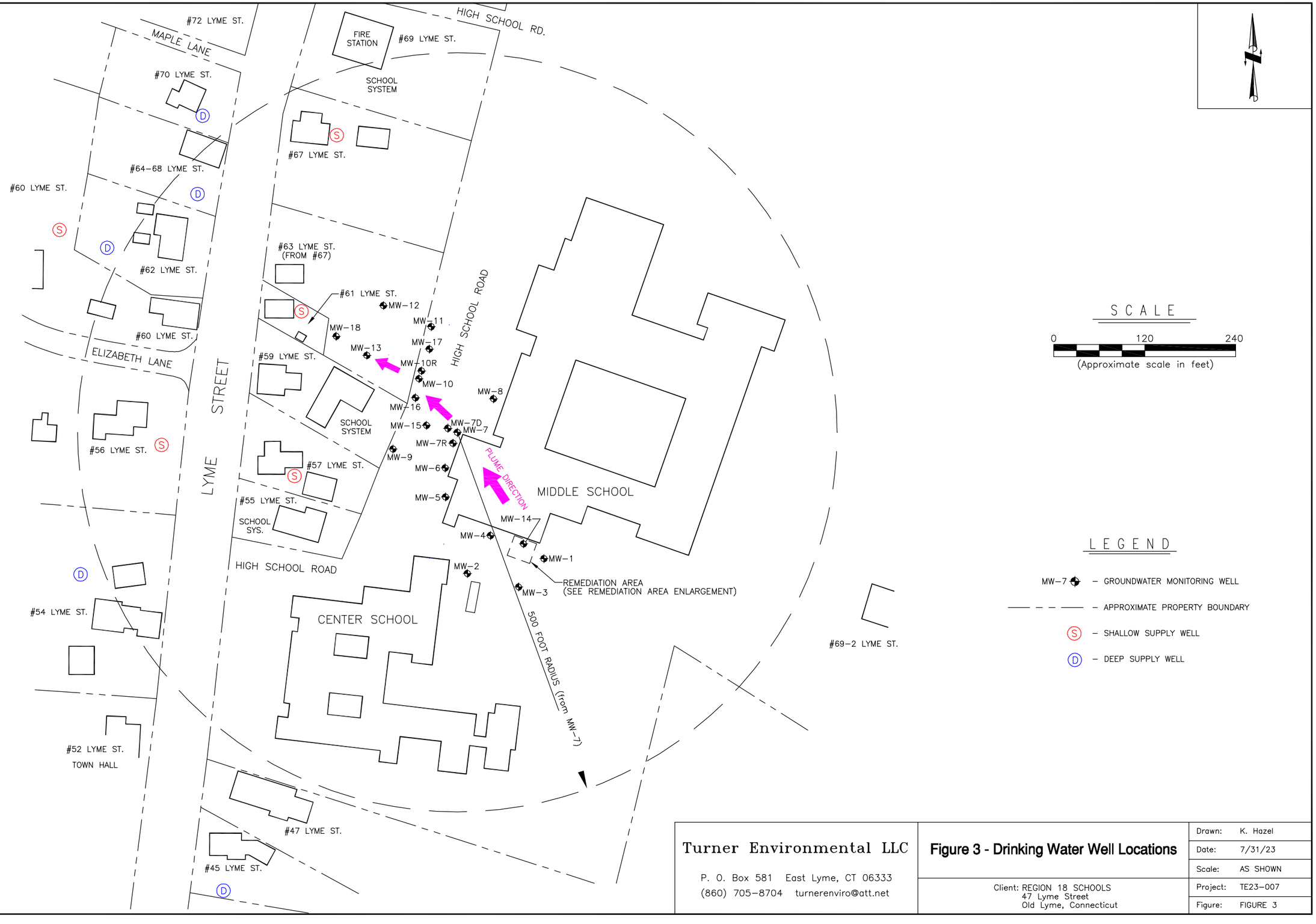


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Figure 2 - Groundwater Contours (9/11-9/15/23 gauging data)

Client: REGION 18 SCHOOLS
47 Lyme Street
Old Lyme, Connecticut

Drawn:	K. Hazel
Date:	9/28/23
Scale:	AS SHOWN
Project:	TE23-007
Figure:	FIGURE 2



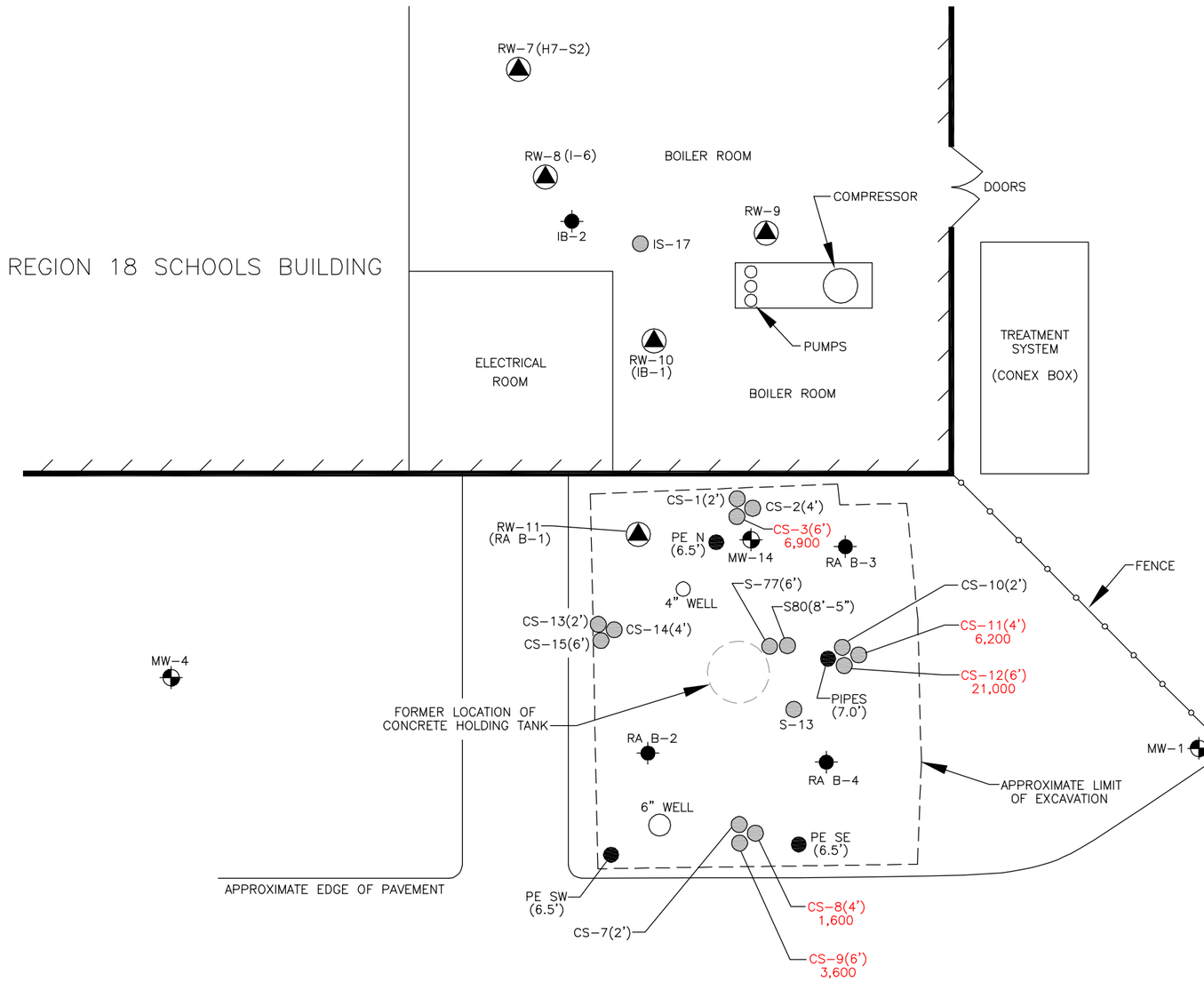
Turner Environmental LLC

P. O. Box 581 East Lyme, CT 06333
(860) 705–8704 turnerenviro@att.net

Figure 3 - Drinking Water Well Locations

Client: REGION 18 SCHOOLS
47 Lyme Street
Old Lyme, Connecticut

Drawn:	K. Hazel
Date:	7/31/23
Scale:	AS SHOWN
Project:	TE23–007
Figure:	FIGURE 3



LEGEND

CS-12 (6.0') 21,000 – SOIL SAMPLE LOCATION OBTAINED BY KROPP ENVIRONMENTAL CONTRACTORS, INC. (August 2022)
- DEPTH OF SAMPLE
- SOIL SAMPLE DATA ABOVE RSR CRITERIA (IN PPM)

PE PW (7.0') – SOIL SAMPLE LOCATION OBTAINED BY TURNER ENVIRONMENTAL LLC (March 17, 2023)
- DEPTH OF SAMPLE

– GROUNDWATER MONITORING WELL

– RECOVERY WELL

– SOIL BORING

SCALE

0 10 20

(Approximate scale in feet)

Turner Environmental LLC
P.O. Box 581 East Lyme, CT 06333
(860) 705-8704 turnerenviro@att.net

Figure 4
Remediation Area Enlargement

Address: 49 Lyme Street
Town of Old Lyme, New London County, Connecticut

Drawn:	K. HAZEL
Date:	9/24/23
Scale:	As Shown
Project:	TE 23-007
Figure:	FIGURE-4

Tables

Table 1 - Groundwater Monitoring Analyses Summary

Sample ID	CTDEP RSR Groundwater Protection	CTDEP RSR Surface Water Protection	CTDEP RSR Volatilization Criteria for Groundwater Indust Comm	CTDEP RSR Volatilization Criteria for Groundwater Residential	MW-1		MW-2		MW-3		MW-4		MW-5		MW-6		MW-7R		MW-7		MW-8		MW-9		MW-10		MW-11		MW-12		MW-13		MW-14		MW-15		MW-16		MW-16R		MW-17		MW-11		MW-12		MW-13		MW-18		Trip Blank	
Sample ID					23100B-01		23100B-02		23100B-03		23100B-04		23100B-05		23100B-06		23100B-07		23100B-08		23100B-09		23100B-10		23100B-11		23100B-12		23100B-13		23100B-14		23100B-15		23100B-16		23100B-16R		23100B-17		23100B-11		23100B-12		23100B-13		23100B-18		23100B-20	
Lab ID					L2307144-01		L2307144-02		L2307144-03		L2307144-04		L2307144-05		L2307144-06		L2307144-07		L2307144-08		L2307144-09		L2307144-10		L2307144-11		L2307144-12		L2307144-13		L2307144-14		L2307144-15		L2307144-16		L2307144-16R		L2307144-17		L2307144-11		L2307144-12		L2307144-13		L2307144-18		L2307144-20	
Sampling Date					6/12/2023 2:25:00 PM		6/12/2023 4:35:00 PM		6/12/2023 3:30:00 PM		6/12/2023 3:25:00 PM		6/12/2023 11:05:00 AM		6/12/2023 11:50:00 AM		6/13/2023 1:50:00 PM		6/13/2023 1:55:00 PM		6/13/2023 4:35:00 PM		6/13/2023 10:05:00 AM		6/14/2023 10:55:00 AM		6/14/2023 10:55:00 AM		6/14/2023 11:32:00 AM		6/14/2023 12:35:00 PM		6/14/2023 10:55:00 AM		6/14/2023 12:35:00 PM		6/14/2023 12:35:00 PM		6/14/2023 12:35:00 PM		6/15/2023 9:25:00 AM		6/15/2023 10:50:00 AM		6/15/2023 11:45:00 AM		6/15/2023	
Client Matrix					Ground Water		Ground Water		Ground Water		Ground Water		Ground Water		Ground Water		Ground Water		Ground Water		Ground Water		Ground Water		Ground Water		Ground Water		Ground Water		Ground Water		Ground Water		Ground Water		Ground Water		Ground Water		Ground Water		Ground Water		Ground Water		Ground Water		Ground Water	
Compound	**CAS Number**				Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q
RSR, GB3 RCP LOW MASTER		ug/L	ug/L	ug/L	ug/L		ug/L		ug/L		ug/L		ug/L		ug/L		ug/L		ug/L		ug/L		ug/L		ug/L		ug/L		ug/L		ug/L		ug/L		ug/L		ug/L		ug/L		ug/L		ug/L		ug/L		ug/L		ug/L	
Dilution Factor					1		1		1		1		1		1		1		10		1		1		1		1		1		1		1		1		1		1		1		1		1		1		1	
1,1,1,2-Tetrachloroethane	630-20-6	1	–	50	12		0.500	U	0.500	U	0.500	U	0.500	U	0.500	U	0.500	U	0.500	U	0.500	U	0.500	U	0.500	U	0.500	U	0.500	U	0.500	U	0.500	U	0.500	U	2.500	U	0.500	U	0.500	U	0.500	U	0.500	U	0.500	U	0.500	U
1,1,1-Trichloroethane	71-55-6	200	62000	50000	20400		0.500	U	0.500	U	0.500	U	0.500	U	0.500	U	0.500	U	0.500	U	0.500	U	0.500	U	0.500	U	0.500	U	0.500	U	0.500	U	0.500	U	0.500	U	2.500	U	0.500	U	0.500	U	0.500	U	0.500	U	0.500	U	0.500	U
1,1,2,2-Tetrachloroethane	79-34-5	0.5	110	100	23		0.500	U	0.500	U	0.500	U	0.500	U	0.500	U	1	U	0.500	U	0.500	U	0.500	U	0.500	U	0.500	U	0.500	U	0.500	U	0.500	U	0.500	U	2.500	U	0.500	U	0.500	U	0.500	U	0.500	U	0.500	U	0.500	U
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	76-13-1	–	–	–	–		0.500	U	0.500	U	0.500	U	0.500	U	0.500	U	0.500	U	0.500	U	0.500	U	0.500	U	0.500	U	0.500	U	0.500	U	0.500	U	0.500	U	0.500	U	2.500	U	0.500	U	0.500	U	0.500	U	0.500	U	0.500	U	0.500	U
1,1,2-Trichloroethane	79-00-5	5	1260	19600	8000		0.500	U	0.500	U	0.500	U	0.500	U	0.500	U	0.500	U	1	U	0.500	U	0.500	U	0.500	U	0.500	U	0.500	U	0.500	U	0.500	U	0.500	U	2.500	U	0.500	U	0.500	U	0.500	U	0.500	U	0.500	U	0.500	U
1,1-Dichloroethane	75-34-3	70	–	57000	24600		0.500	U	0.500	U	0.500	U	0.500	U	0.500	U	0.500	U	1	U	0.500	U	0.500	U	0.500	U	0.500	U	0.500	U	0.500	U	0.500	U	0.500	U	2.500	U	0.500	U	0.500	U	0.500	U	0.500	U	0.500	U	0.500	U
1,1-Dichloroethylene	75-35-4	7	96	6	1		0.500	U	0.500	U	0.500	U	0.500	U	0.500	U	0.500	U	1	U	0.500	U	0.500	U	0.500	U	0.500	U	0.500	U	0.500	U	0.500	U	0.500	U	2.500	U	0.500	U	0.500	U	0.500	U	0.500	U	0.500	U	0.500	U
1,2,3-Trichlorobenzene	87-61-6	–	–	–	–		0.500	U	0.500	U	0.500	U	0.500	U	0.500	U	0.500	U	1	U	0.500	U	0.500	U	0.500	U	0.500	U	0.500	U	0.500	U	0.500	U	0.500	U	2.500	U	0.500	U	0.500	U	0.500	U	0.500	U	0.500	U	0.500	U
1,2,4-Trichlorobenzene	120-82-1	–	–	–	–		0.500	U	0.500	U	0.500	U	0.500	U	0.500	U	0.500	U	1	U	0.500	U	0.500	U	0.500	U	0.500	U	0.500	U	0.500	U	0.500	U	0.500	U	2.500	U	0.500	U	0.500	U	0.500	U	0.500	U	0.500	U	0.500	U
1,2,4-Trimethylbenzene	95-63-6	–	–	–	–		0.500	U	0.500	U	0.500	U	0.500	U	0.500	U	0.500	U	103	D	23.400		75.200		0.500	U	0.500	U	53	D	65.700		0.500	U	0.500	U	0.500	U	2.500	U	0.500	U	0.500	U	0.500	U	0.760		0.500	U	0.500	U	0.500	U
1,2-Dibromo-3-chloropropane	96-12-8	–	–	–	–		0.500	U	0.500	U	0.500	U	0.500	U	0.500	U	0.500	U	1	U	0.500	U	0.500	U	0.500	U	0.500	U	0.500	U	0.500	U	0.500	U	0.500	U	2.500	U	0.500	U	0.500	U	0.500	U	0.500	U	0.500	U	0.500	U
1,2-Dibromoethane	106-93-4	0.05	–	16	4		**0.500**	U	**0.500**	U	**0.500**	U	**0.500**	U	**0.500**	U	**0.500**	U	**1**	U	**0.500**	U	**0.500**	U	**0.500**	U	**0.500**	U	**0.500**	U	**0.500**	U	**0.500**	U	**0.500**	U	**0.500**	U	**2.500**	U	**0.500**	U	**0.500**	U	**0.500**	U	**0.500**	U	**0.500**	U
1,2-Dichlorobenzene	95-50-1	600	170000	306000	306000		0.500	U	0.500	U	0.500	U	0.500	U	0.500	U	0.500	U	1	U	0.500	U	0.500	U	0.500	U	0.500	U	0.500	U	0.500	U	0.500	U	0.500	U	2.500	U	0.500	U	0.500	U	0.500	U	0.500	U	0.500	U	0.500	U
1,2-Dichloroethane	107-06-2	5	3970	90	21		0.500	U	0.500	U	0.500	U	0.500	U	0.500	U	0.500	U	1	U	0.500	U	0.500	U	0.500	U	0.500	U	0.500	U	0.500	U	0.500	U	0.500	U	2.500	U	0.500	U	0.500	U	0.500	U	0.500	U	0.500	U	0.500	U
1,2-Dichloropropane	78-87-5	5	–	60	14		0.500	U	0.500	U	0.500	U	0.500	U	0.500	U	0.500	U	1	U	0.500	U	0.500	U	0.500	U	0.500	U	0.500	U	0.500	U	0.500	U	0.500	U	2.500	U	0.500	U	0.500	U	0.500	U	0.500	U	0.500	U	0.500	U
1,3,5-Trimethylbenzene	108-67-8	–	–	–	–		0.500	U	0.500	U	0.500	U	0.500	U	0.500	U	0.500	U	9.520	D	2.130		7.800		0.500	U	0.500	U	1.730	D	7.870		0.500	U	0.500	U	0.500	U	2.500	U	0.500	U	0.500	U	0.500	U	0.500	U	0.500	U	0.500	U	0.500	U
1,3-Dichlorobenzene	541-73-1	600	26000	50000	24300		0.500	U	0.500	U	0.500	U	0.500	U	0.500	U	0.500	U	1	U	0.500	U	0.500	U	0.500	U	0.500	U	0.500	U	0.500	U	0.500	U	0.500	U	2.500	U	0.500	U	0.500	U	0.500	U	0.500	U	0.500	U	0.500	U
1,3-Dichloropropane	142-28-9	–	–	–	–		0.500	U	0.500	U	0.500	U	0.500	U	0.500	U	0.500	U	1	U	0.500	U	0.500	U	0.500	U	0.500	U	0.500	U	0.500	U	0.500	U	0.500	U	2.500	U	0.500	U	0.500	U	0.500	U	0.500	U	0.500	U	0.500	U
1,4-Dichlorobenzene	106-46-7	75	26000	50000	50000		0.500	U	0.500	U	0.500	U	0.500	U	0.500	U	0.500	U	1	U	0.500	U	0.500	U	0.500	U	0.500	U	0.500	U	0.500	U	0.500	U	0.500	U	2.500	U	0.500	U	0.500	U	0.500	U	0.500	U	0.500	U	0.500	U
1,4-Dioxane	123-91-1	–	–	–	–		0.500	U	0.500	U	0.500	U	0.500	U	0.500	U	0.500	U	1	U	0.500	U	0.500	U	0.500	U	0.500	U	0.500	U	0.500	U	0.500	U	0.500	U	2.500	U	0.500	U	0.500	U	0.500	U	0.500	U	0.500	U	0.500	U
2-Butanone	78-93-3	400	–	50000	50000		0.500	U	0.500	U	0.500	U	0.500	U	0.500	U	0.500	U	1	U	0.500	U	0.500	U	0.500	U	0.500	U	0.500	U	0.500	U	0.500	U	0.500	U	2.500	U	0.500	U	0.500	U	0.500	U	0.500	U	0.500	U	0.500	U
2-Chlorotoluene	95-49-8	–	–	–	–		0.500	U	0.500	U	0.500	U	0.500	U	0.500	U	0.500	U	1	U	0.500	U	0.500	U	0.500	U	0.500	U	0.500	U	0.500	U	0.500	U	0.500	U	2.500	U	0.500	U	0.500	U	0.500	U	0.500	U	0.500	U	0.500	U
2-Hexanone	591-78-6	–	–	–	–		0.500	U	0.500	U	0.500	U	0.500	U	0.500	U	1.460	D	0.780		2.160		5.100		0.500	U	0.500	U	1.100	D	1.850		0.500	U	0.500	U	0.500	U	2.500	U	0.500	U	0.500	U	0.500	U	0.500	U	0.500	U	0.500	U	0.500	U
4-Chlorotoluene	106-43-4	–	–	–	–		0.500	U	0.500	U	0.500	U	0.500	U	0.500	U	1	U	0.500	U	0.500	U	0.500	U	0.500	U	0.500	U	0.500	U	0.500	U	0.500	U	0.500	U	2.500	U	0.500	U	0.500	U	0.500	U	0.500	U	0.500	U	0.500	U
4-Methyl-2-pentanone	108-10-1	150	–	50000	50000		0.500	U	0.500	U	0.500	U	0.500	U	0.500	U	0.500	U	1	U	0.500	U	0.500	U	0.500	U	0.500	U	0.500	U	0.500	U	0.500	U	0.500	U	2.500	U	0.500	U	0.500	U	0.500	U	0.500	U	0.500	U	0.500	U
Acetone	67-64-1	700	–	50000	50000		2	U	2	U	2	U	2	U	2	U	2	U	**1.890**	D	**792**	D	**5.420**	D	2	U	2	U	2	U	424	D	393	D	2	U	2	U	2	U	2	U	2	U	2	U	2	U	2	U	2	U
Acrylonitrile	107-13-1	0.5	20	–	–		0.500	U	0.500	U	0.500	U	0.500	U	0.500	U	0.500	U	1	U	0.500	U	0.500	U	0.500	U	0.500	U	0.500	U	**2.100**	D	0.500	U	0.500	U	0.500	U	2.500	U	0.500	U	0.500	U	0.500	U	0.500	U	0.500	U
Benzene	71-43-2	1	710	530	215		0.500	U	0.500	U	0.500	U	0.500	U	0.500	U	**11.200**	D	**3.560**		**7.990**		0.500	U	0.500	U	0.500	U	**8.400**	D	**11.100**		0.500	U	0.500	U	**4.020**		**4.010**		0.500	U	0.500	U	0.500	U	0.500	U	0.500	U	0.500	U
Bromobenzene	108-86-1	–	–	–	–		0.500	U	0.500	U	0.500	U	0.500	U	0.500	U	1	U	0.500	U	0.500	U	0.500	U	0.500	U	0.500	U	0.500	U	2.500	U	0.500	U	0.500	U	0.500	U	2.500	U	0.500	U	0.500	U	0.500	U	0.500	U	0.500	U	0.500	U
Bromochloromethane	74-97-5	–	–	–	–		0.500	U	0.500	U	0.500	U	0.500	U	0.500	U	1	U	0.500	U	0.500	U	0.500	U	0.500	U	0.500	U	0.500	U	2.500	U	0.500	U	0.500	U	0.500	U	2.500	U	0.500	U	0.500	U	0.500	U	0.500	U	0.500	U	0.500	U
Bromodichloromethane	75-27-4	–	–	–	–		0.500	U	0.500	U	0.500	U	0.500	U	0.500	U	1	U	0.500	U	0.500	U	0.500	U	0.500	U	0.500	U	0.500	U	2.500	U	0.500	U	0.500	U	0.500	U	2.500	U	0.500	U	0.500	U	0.500	U	0.500	U	0.500	U	0.500	U
Bromoform	75-25-2	–	–	10800	930		0.500	U	0.500	U	0.500	U	0.500	U	0.500	U	1	U	0.500	U	0.500	U	0.500	U	0.500	U	0.500	U	0.500	U	2.500	U	0.500	U	0.500	U	0.500	U	2.500	U	0.500	U	0.500	U	0.500	U	0.500	U	0.500	U	0.500	U
Bromomethane	74-83-9	–	–	–	–		0.500	U	0.500	U	0.500	U	0.500	U	0.500	U	1	U	0.500	U	0.500	U	0.500	U	0.500	U	0.500	U	0.500	U	2.500	U	0.500	U	0.500	U	0.500	U	2.500	U	0.500	U	0.500	U	0.500	U	0.500	U	0.500	U	0.500	U
Carbon disulfide	75-15-0	–	–	–	–		0.500	U	0.500	U	0.500	U	0.500	U	0.500	U	1	U	0.500	U	0.500	U	0.500	U	0.500	U	0.500	U	0.500	U	2.500	U	0.500	U	0.500	U	0.500	U	2.500	U	0.500	U	0.500	U	0.500	U	0.500	U	0.500	U	0.500	U
Carbon tetrachloride	56-23-5	5	132	40	16		0.500	U	0.500	U	0.500	U	0.500	U	0.500	U	1	U	0.500	U	0.500	U	0.500	U	0.500	U	0.500	U	0.500	U	2.500	U	0.500	U	0.500	U	0.500	U	2.500	U	0.500	U	0.500	U	0.500	U	0.500	U	0.500	U	0.500	U
Chlorobenzene	108-90-7	100	42000	1400	1400		0.500	U	0.500	U	0.500	U	0.500	U	0.500	U	1	U	0.500	U	0.500	U	0.500	U	0.500	U	0.500	U	0.500	U	2.500	U	0.500	U	0.500	U	0.500	U	2.500	U	0.500	U	0.500	U	0.500	U	0.500	U	0.500	U	0.500	U
Chloroethane	75-00-3	–	–	–	–		0.500	U	0.500	U	0.500	U	0.500	U	0.500	U	1	U	0.500	U	0.500	U	0.500	U	0.500	U	0.500	U	0.500	U	2.500	U	0.500	U	0.500	U	0.500	U	2.500	U	0.500	U	0.500	U	0.500	U	0.500	U	0.500	U	0.500	U
Chloroform	67-66-3	6	14100	710	287		0.500	U	0.500	U	0.500	U	0.500	U	0.500	U	1	U	0.500	U	0.500	U	0.500	U	0.500	U	0.500	U	0.500	U	2.500	U	0.500	U	0.500	U	0.500	U	2.500	U	0.500	U	0.500	U	0.500	U	0.500	U	0.500	U	0.500	U
Chloromethane	74-87-3	–	–	–	–		0.500	U	0.500	U	0.500	U	0.500	U	0.500	U	1	U	0.500	U	0.500	U	0.500	U	0.500	U	0.500	U	0.500	U	2.500	U	0.500	U	0.500	U	0.500	U	2.500	U	0.500	U	0.500	U	0.500	U	0.500	U	0.500	U	0.500	U
cis-1,2-Dichloroethylene	156-59-2	–	–	–	–		0.500	U	0.500	U	0.500	U	0.500	U	0.500	U	1	U	0.500	U	0.500	U	0.500	U	0.500	U	0.500	U	0.500	U	2.500	U	0.500	U	0.500	U	0.500	U	2.500	U	0.500	U	0.500	U	0.500	U	0.500	U	0.500	U	0.500	U
cis-1,3-Dichloropropene	10061-01-5	–	–	–	–		0.500	U	0.500	U	0.500	U	0.500	U	0.500	U	1	U	0.500	U	0.500	U	0.500	U	0.500	U	0.500	U	0.500	U	2.500	U	0.500	U	0.500	U	0.500	U	2.500	U	0.500	U	0.500	U	0.500	U	0.500	U	0.500	U	0.500	U
Dibromochloromethane	124-48-1	0.5	1020	–	–		0.500	U	0.500	U	0.500	U	0.500	U	0.500	U	1	U	0.500	U	0.500	U	0.500	U	0.500	U	0.500	U	0.500	U	**2.500**	U	0.500	U	0.500	U	0.500	U	2.500	U	0.500	U	0.500	U	0.500	U	0.500	U	0.500	U	0.500	U
Dibromomethane	74-95-3	–	–	–	–		0.500	U	0.500	U	0.500	U	0.500	U	0.500	U	1	U	0.500	U	0.500	U	0.500	U	0.500	U	0.500	U	0.500	U	2.500	U	0.500	U	0.500	U	0.500	U	2.500	U	0.500	U	0.500	U	0.500	U	0.500	U	0.500	U	0.500	U
Dichlorodifluoromethane	75-71-8	–	–	–	–		0.500	U	0.500	U	0.500	U	0.500	U	0.500	U	1	U	0.500	U	0.500	U	0.500	U	0.500	U	0.500	U	0.500	U	2.500	U	0.500	U	0.500	U	0.500	U	2.500	U	0.500	U	0.500	U	0.500	U	0.500	U	0.500	U	0.500	U
Ethyl Benzene	100-41-4	–	–	–	–		0.500	U	0.500	U	0.500	U	0.500	U	0.500	U	1	U	38.500	D	8.290		33.700		0.500	U	0.500	U	0.500	U	24.400	D	21.200		0.500	U	0.500	U	0.500	U	2.500	U	0.500	U	0.500	U	0.500	U	4.440		0.500	U	0.500	U	0.500	U
Hexachlorobutadiene	87-68-3	–	–	–	–		0.500	U	0.500	U	0.500	U	0.500	U	0.500	U	1	U	0.500	U	0.500	U	0.500	U	0.500	U	0.500	U	0.500	U	2.500	U	0.500	U	0.500	U	0.500	U	2.500	U	0.500	U	0.500	U	0.500	U	0.500	U	0.500	U	0.500	U
Isopropylbenzene	98-82-8	–	–	–	–		0.500	U	0.500	U	0.500	U	0.500	U	0.500	U	1	U	6.880	D	1.760		5.010		0.500	U	0.500	U	0.500	U	4.400	D	4.180		0.500	U	0.500	U	0.500	U	2.500	U	0.500	U	0.500	U	0.500	U	0.790		0.500	U	0.500	U	0.500	U
Methylene chloride	75-09-2	–	–	–	–		0.500	U	0.500	U	0.500	U	0.500	U	0.500	U	1	U	0.500	U	0.500	U	0.500	U	0.500	U	0.500	U	0.500	U	2.500	U	0.500	U	0.500	U	0.500	U	2.500	U	0.500	U	0.500	U	0.500	U	0.500	U	0.500	U	0.500	U
Methyl tert-butyl ether (MTBE)	1634-04-4	100	–	50000	50000		0.500	U	0.500	U	0.500	U	0.500	U	0.500	U	1	U	0.500	U	0.500	U	0.500	U	0.500	U	0.500	U	0.500	U	2.500	U	0.500	U	0.500	U	0.500	U	2.500	U	0.500	U	0.500	U	0.500	U	0.500	U	0.500	U	0.500	U
Naphthalene	91-20-3	280	–	48000	50000		2	U	2	U	2	U	2	U	2	U	2	U	7.120	D	2.300		5.280		2	U	2	U	2	U	10		3.270		2	U	2	U	2	U	2	U	2	U	2	U	2	U	2	U	2	U
n-Butylbenzene	104-51-8	–	–	–	–		0.500	U	0.500	U	0.500	U	0.500	U	0.500	U	1	U	0.500	U	0.500	U	0.500	U	0.500	U	0.500	U	0.500	U	2.500	U	0.500	U	0.500	U	0.500	U	2.500	U	0.500	U	0.500	U	0.500	U	0.500	U	0.500	U	0.500	U
n-Propylbenzene	103-65-1	–	–	–	–		0.500	U	0.500	U	0.500	U	0.500	U	0.500	U	1	U	9.440	D	1.870		7.450		0.500	U	0.500	U	0.500	U	5.950		5.580		0.500	U	0.500	U	0.500	U	2.500	U	0.500	U	0.500	U	0.500	U	0.500	U	0.500	U	0.500	U
o-Xylene	95-47-6	–	–	–	–		0.500	U	0.500	U	0.500	U	0.500	U	0.500	U	1	U	24.800	D	7.830		24		0.500	U	0.500	U	0.500	U	19.800	D	23.500		0.500	U	0.500	U	0.500	U	2.500	U	0.500	U	0.500	U	0.500	U	0.900		0.500	U	0.500	U	0.500	U
p- & m- Xylenes	179601-23-1	–	–	–	–		1	U	1	U	1	U	1	U	1	U	1	U	81.600	D	21.400		69		1	U	1	U	1	U	52.800	D	54.300		1	U	1	U	1	U	5	U	1	U	1	U	1	U	1	U	1	U	1	U
p-Isopropyltoluene	99-87-6	–	–	–	–		0.500	U	0.500	U	0.500	U	0.500	U	0.500	U	1	U	1.080	D	0.530	U	0.870		0.500	U	0.500	U	0.500	U	3.500	D	0.690		0.500	U	0.500	U	0.500	U	2.500	U	0.500	U	0.500	U	0.500	U	0.500	U	0.500	U	0.500	U	0.500	U
sec-Butylbenzene	135-98-8	–	–	–	–		0.500	U	0.500	U	0.500	U	0.500	U	0.500	U	1	U	2.340	D	0.570		1.980		0.500	U	0.500	U	0.500	U	1.500	D	1.440		0.500	U	0.500	U	0.500	U	2.500	U	0.500	U	0.500	U	0.500	U	0.500	U	0.500	U	0.500	U	0.500	U
tert-Butylbenzene	98-06-6	100	–	2900	580		0.500	U	0.500	U	0.500	U	0.500	U	0.500	U	1	U	1	U	0.500	U	0.500	U	0.500	U	0.500	U	0.500	U	2.500	U	0.500	U	0.500	U	0.500	U	2.500	U	0.500	U	0.500	U	0.500	U	0.500	U	0.500	U	0.500	U
Tetrachloroethylene	127-18-4	5	88	1620	1100		0.500	U	0.500	U	0.500	U	0.500	U	0.500	U	1	U	1	U	0.500	U	0.500	U	0.500	U	0.500	U	0.500	U	2.500	U	0.500	U	0.500	U	0.500	U	2.500	U	0.500	U	0.500	U	0.500	U	0.500	U	0.500	U	0.500	U
Tetrahydrofuran	109-99-9	–	–	4	U		4	U	4	U	4	U	4	U	4	U	4	U	14.800	D	2.910		17.100		4	U	4	U	4	U	20	U	4.160		4	U	4	U	4	U	10	U	4	U	4	U	4	U	4	U	4	U	4	U
Toluene	108-88-3	1000	4000000	53000	21000		0.500	U	0.500	U	0.500	U	0.500	U	0.500	U	1	U	14.800	D	2.910		17.100		0.500	U	0.500	U	0.500	U	3.150	D	4.160		0.500	U	0.500	U	0.500	U	2.500	U	0.500	U	0.500	U	0.500	U	0.500	U	0.500	U	0.500	U
trans-1,2-Dichloroethylene	156-60-5	100	–	–	–		0.500	U	0.500	U	0.500	U	0.500	U	0.500	U	1	U	1	U	0.500	U	0.500	U	0.500	U	0.500	U	0.500	U	2.500	U	0.500	U	0.500	U	0.500	U	2.500	U	0.500	U	0.500	U	0.500	U	0.500	U	0.500	U	0.500	U
trans-1,3-Dichloropropene	10061-02-6	–	–	–	–		0.500	U	0.500	U	0.500	U	0.500	U	0.500	U	1	U	1	U	0.500	U	0.500	U	0.500	U	0.500	U	0.500	U	2.500	U	0.500	U	0.500	U	0.500	U	2.500	U	0.500	U	0.500	U	0.500	U	0.500	U	0.500	U	0.500	U
trans-1,4-dichloro-2-butene	110-57-6	–	–	–	–		0.500	U	0.500	U	0.500	U	0.500	U	0.500	U	1	U	1	U	0.500	U	0.500	U	0.500	U	0.500	U	0.500	U	2.500	U	0.500	U	0.500	U	0.500	U	2.500	U	0.500	U	0.500	U	0.500	U	0.500	U	0.500	U	0.500	U
Trichloroethylene	79-01-6	5	2340	540	219		0.500	U	0.500	U	0.500	U	0.500	U	0.500	U	1	U	1	U	0.500	U	0.500	U	0.500	U	0.500	U	0.500	U	2.500	U	0.500	U	0.500	U	0.500	U	2.500	U	0.500	U	0.500	U	0.500	U	0.500	U	0.500	U	0.500	U
Trichlorofluoromethane	75-69-4	–	–	–	–		0.500	U	0.500	U	0.500	U	0.500	U	0.500	U	1	U	1	U	0.500	U	0.500	U	0.500	U	0.500	U	0.500	U	2.500	U	0.500	U	0.500	U	0.500	U	2.500	U	0.500	U	0.500	U	0.500	U	0.500	U	0.500	U	0.500	U
vinyl Chloride	75-01-4	2	10700	2	2		0.500	U	0.500	U	0.550	U	0.500	U	0.500	U	1	U	1	U	0.500	U	0.500	U	0.500	U	0.500	U	0.500	U	**2.500**	U	0.500	U	0.500	U	0.500	U	2.500	U	0.500	U	0.500	U	0.500	U	0.500	U	0.500	U	0.500	U
Semi-Volatiles, 47 RCP Pahl-Lab		ug/L	ug/L	ug/L	ug/L		ug/L		ug/L

Table 2 - Recovery Well Analyses Summary

Sample ID York ID Sampling Date Client Matrix		CTDEP RSR Groundwater Protection	CTDEP RSR Surface-Water Protection	CTDEP RSR Volatization Criteria for Groundwater Residential	RW-7 23I1172-01 9/18/2023 9:30:00 AM Ground Water		RW-8 23I1172-02 9/18/2023 10:00:00 AM Ground Water		RW-9 23I1172-03 9/18/2023 10:30:00 AM Ground Water		RW-10 23I1172-04 9/18/2023 11:00:00 AM Ground Water		RW-11 23I1172-05 9/19/2023 12:00:00 AM Ground Water	
Compound	CAS Number				Result	Q	Result	Q	Result	Q	Result	Q	Result	Q
VOA, 8260 RCP LOW MASTER		ug/L	ug/L	ug/L	ug/L		ug/L		ug/L		ug/L		ug/L	
Dilution Factor					5		10		10		5		1	
1,1,1,2-Tetrachloroethane	630-20-6	1	~	12	0.500	U	0.500	U	5	U	0.500	U	0.500	U
1,1,1-Trichloroethane	71-55-6	200	62000	20400	0.500	U	0.500	U	5	U	0.500	U	0.500	U
1,1,2,2-Tetrachloroethane	79-34-5	0.5	110	23	0.500	U	0.500	U	5	U	0.500	U	0.500	U
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	76-13-1	~	~	~	0.500	U	0.500	U	5	U	0.500	U	0.500	U
1,1,2-Trichloroethane	79-00-5	5	1260	8000	0.500	U	0.500	U	5	U	0.500	U	0.500	U
1,1-Dichloroethane	75-34-3	70	~	34600	0.500	U	0.500	U	5	U	0.500	U	0.500	U
1,1-Dichloroethylene	75-35-4	7	96	1	0.500	U	0.500	U	5	U	0.500	U	0.500	U
1,1-Dichloropropylene	563-58-6	~	~	~	0.500	U	0.500	U	5	U	0.500	U	0.500	U
1,2,3-Trichlorobenzene	87-61-6	~	~	~	0.500	U	0.500	U	5	U	0.500	U	0.500	U
1,2,3-Trichloropropane	96-18-4	~	~	~	0.500	U	0.500	U	5	U	0.500	U	0.500	U
1,2,4-Trichlorobenzene	120-82-1	~	~	~	0.500	U	0.500	U	5	U	0.500	U	0.500	U
1,2,4-Trimethylbenzene	95-63-6	~	~	~	141	D	192	D	112	D	141	D	23.600	
1,2-Dibromo-3-chloropropane	96-12-8	~	~	~	0.500	U	0.500	U	5	U	0.500	U	0.500	U
1,2-Dibromoethane	106-93-4	0.05	~	4	**0.500**	U	**0.500**	U	**5**	U	**0.500**	U	**0.500**	U
1,2-Dichlorobenzene	95-50-1	600	170000	30500	0.500	U	0.500	U	5	U	0.500	U	0.500	U
1,2-Dichloroethane	107-06-2	1	2970	21	0.500	U	0.500	U	**5**	U	0.500	U	0.500	U
1,2-Dichloropropane	78-87-5	5	~	14	0.500	U	0.500	U	5	U	0.500	U	0.500	U
1,3,5-Trimethylbenzene	108-67-8	~	~	~	20		54.100		24.100	D	24		6.490	
1,3-Dichlorobenzene	541-73-1	600	26000	24200	0.500	U	0.500	U	5	U	0.500	U	0.500	U
1,3-Dichloropropane	142-28-9	~	~	~	0.500	U	0.500	U	5	U	0.500	U	0.500	U
1,4-Dichlorobenzene	106-46-7	75	26000	50000	0.500	U	0.500	U	5	U	0.500	U	0.500	U
2,2-Dichloropropane	594-20-7	~	~	~	0.500	U	0.500	U	5	U	0.500	U	0.500	U
2-Butanone	78-93-3	400	~	50000	10.900		0.500	U	5	U	2.460		0.500	U
2-Chlorotoluene	95-49-8	~	~	~	0.500	U	0.500	U	5	U	0.500	U	0.500	U
2-Hexanone	591-78-6	~	~	~	1.330		0.500	U	5	U	0.640		0.500	U
4-Chlorotoluene	106-43-4	~	~	~	0.500	U	0.500	U	5	U	0.500	U	0.500	U
4-Methyl-2-pentanone	108-10-1	350	~	50000	0.500	U	0.500	U	5	U	0.500	U	0.500	U
Acetone	67-64-1	700	~	50000	2	U	2	U	20	U	2	U	2	U
Acrylonitrile	107-13-1	0.5	20	~	0.500	U	0.500	U	**5**	U	0.500	U	0.500	U
Benzene	71-43-2	1	710	215	**12.100**		**12.500**		**5**	U	**16.700**		0.500	U
Bromobenzene	108-86-1	~	~	~	0.500	U	0.500	U	5	U	0.500	U	0.500	U
Bromochloromethane	74-97-5	~	~	~	0.500	U	0.500	U	5	U	0.500	U	0.500	U
Bromodichloromethane	75-27-4	~	~	~	0.500	U	0.500	U	5	U	0.500	U	0.500	U
Bromoform	75-25-2	4	10800	920	0.500	U	0.500	U	**5**	U	0.500	U	0.500	U
Bromomethane	74-83-9	~	~	~	0.500	U	0.500	U	5	U	0.500	U	0.500	U
Carbon disulfide	75-15-0	~	~	~	0.500	U	0.500	U	5	U	0.500	U	0.500	U
Carbon tetrachloride	56-23-5	5	132	16	0.500	U	0.500	U	5	U	0.500	U	0.500	U
Chlorobenzene	108-90-7	100	420000	1800	0.500	U	0.500	U	5	U	0.500	U	0.500	U
Chloroethane	75-00-3	~	~	~	0.500	U	0.500	U	5	U	0.500	U	0.500	U
Chloroform	67-66-3	6	14100	287	0.500	U	0.500	U	5	U	0.500	U	0.500	U
Chloromethane	74-87-3	~	~	~	0.500	U	0.500	U	5	U	0.500	U	0.500	U
cis-1,2-Dichloroethylene	156-59-2	~	~	~	0.500	U	0.500	U	5	U	0.500	U	0.500	U
cis-1,3-Dichloropropylene	10061-01-5	~	~	~	0.500	U	0.500	U	5	U	0.500	U	0.500	U
Dibromochloromethane	124-48-1	0.5	1020	~	0.500	U	0.500	U	**5**	U	0.500	U	0.500	U
Dibromomethane	74-95-3	~	~	~	0.500	U	0.500	U	5	U	0.500	U	0.500	U
Dichlorodifluoromethane	75-71-8	~	~	~	0.500	U	0.500	U	5	U	0.500	U	0.500	U
Ethyl Benzene	100-41-4	~	~	~	58.400		73.200	D	20.900	D	34.800		3.920	
Hexachlorobutadiene	87-68-3	~	~	~	0.500	U	0.500	U	5	U	0.500	U	0.500	U
Isopropylbenzene	98-82-8	~	~	~	15.400		17		5	U	5.600		1.580	
Methyl Methacrylate	80-62-6	~	~	~	0.500	U	0.500	U	5	U	0.500	U	0.500	U
Methyl tert-butyl ether (MTBE)	1634-04-4	100	~	50000	0.500	U	0.500	U	5	U	0.500	U	0.500	U
Methylene chloride	75-09-2	5	48000	50000	2	U	2	U	**20**	U	2	U	2	U
Naphthalene	91-20-3	280	~	~	29.300		37.600		44.400	D	15.900		3.410	
n-Butylbenzene	104-51-8	~	~	~	3.130		8.960		5	U	1.570		9.430	
n-Propylbenzene	103-65-1	~	~	~	18.600		24		8	D	7.320		1.940	
o-Xylene	95-47-6	~	~	~	116	D	168	D	81.600	D	147	D	20.500	
p- & m- Xylenes	179601-23-1	~	~	~	105	D	272	D	95.200	D	200	D	20.200	
p-Isopropyltoluene	99-87-6	~	~	~	2.560		3.340		5	U	1.350		0.820	
sec-Butylbenzene	135-98-8	~	~	~	5.220		6		5	U	1.650		0.920	
Styrene	100-42-5	100	~	580	0.500	U	6.260		5	U	0.500	U	0.500	U
tert-Butylbenzene	98-06-6	~	~	~	0.500	U	0.500	U	5	U	0.500	U	0.500	U
Tetrachloroethylene	127-18-4	5	88	1500	0.500	U	0.500	U	5	U	0.500	U	0.500	U
Tetrahydrofuran	109-99-9	~	~	~	4	U	4	U	40	U	4	U	4	U
Toluene	108-88-3	1000	4000000	23500	19.400		50		6.100	D	33.900		2.140	
trans-1,2-Dichloroethylene	156-60-5	100	~	~	0.500	U	0.500	U	5	U	0.500	U	0.500	U
trans-1,3-Dichloropropylene	10061-02-6	~	~	~	0.500	U	0.500	U	5	U	0.500	U	0.500	U
trans-1,4-dichloro-2-butene	110-57-6	~	~	~	0.500	U	0.500	U	5	U	0.500	U	0.500	U
Trichloroethylene	79-01-6	5	2340	219	0.500	U	0.500	U	5	U	0.500	U	0.500	U
Trichlorofluoromethane	75-69-4	~	~	~	0.500	U	0.500	U	5	U	0.500	U	0.500	U
Vinyl Chloride	75-01-4	2	15750	2	0.500	U	0.500	U	**5**	U	0.500	U	0.500	U
SVOA, 8270 LOW RCP MASTER											ug/L		ug/L	
Dilution Factor											1		1	
2-Methylnaphthalene	91-57-6	~	~	~	NT		NT		NT		7.840		5	U
SVOA, 8270 SIM RCP MASTER		ug/L	ug/L								ug/L		ug/L	
Dilution Factor											5		1	
Acenaphthene	83-32-9	~	~	~	NT		NT		NT		0.340		0.0500	U
Acenaphthylene	208-96-8	420	0.3	~	NT		NT		NT		0.160		0.0500	U
Anthracene	120-12-7	2000	1100000	~	NT		NT		NT		0.0500	U	0.0500	U
Benzo(a)anthracene	56-55-3	0.06	0.3	~	NT		NT		NT		0.0500	U	0.0500	U
Benzo(a)pyrene	50-32-8	0.2	0.3	~	NT		NT		NT		0.0500	U	0.0500	U
Benzo(b)fluoranthene	205-99-2	0.08	0.3	~	NT		NT		NT		0.0500	U	0.0500	U
Benzo(g,h,i)perylene	191-24-2	~	~	~	NT		NT		NT		0.0500	U	0.0500	U
Benzo(k)fluoranthene	207-08-9	0.5	0.3	~	NT		NT		NT		0.0500	U	0.0500	U
Chrysene	218-01-9	~	~	~	NT		NT		NT		0.0500	U	0.0500	U
Dibenzo(a,h)anthracene	53-70-3	~	~	~	NT		NT		NT		0.0500	U	0.0500	U
Fluoranthene	206-44-0	280	3700	~	NT		NT		NT		0.0500	U	0.0500	U
Fluorene	86-73-7	280	140000	~	NT		NT		NT		0.680		0.0500	U
Indeno(1,2,3-cd)pyrene	193-39-5	~	~	~	NT		NT		NT		0.0500	U	0.0500	U
Naphthalene	91-20-3	280	~	~	NT		NT		NT		10.600	BD	0.0600	
Phenanthrene	85-01-8	200	0.077	~	NT		NT		NT		**0.250**		0.0500	U
Pyrene	129-00-0	200	110000	~	NT		NT		NT		0.0500	U	0.0500	U
Extractable Total Petroleum Hydrocarbons (ETPH)		ug/L			ug/L		ug/L		ug/L		ug/L		ug/L	
Dilution Factor					1		1		1		1		1	
ETPH (Extractable Total Petroleum Hydrocarbons)	CT ETPH	250	~	~	**2,220**		**1,510**		**2,910**		**1,270**		**494**	

NOTES:
Any Regulatory Exceedences are color coded by Regulation

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

DISCLAIMER:

York Analytical Laboratories, Inc. is providing this information as a convenience to you. York makes no representations or warranties that these data are accurate, complete or represent the latest regulatory authority limits or analytes. York is not responsible for any errors or omissions in these specific regulations. Your use of these data constitute your understanding of these limitations and you agree to hold York harmless from any and all action that may arise from use of said information. As regulations change often, we encourage the user to review the regulatory limits and lists of interest to confirm these data.

Attachment A:
Laboratory Report
Monitoring Well Analyses

Technical Report

prepared for:

Turner Environmental, LLC
68 Ridge Hill Rd.
Oakdale CT, 06357
Attention: David Turner

Report Date: 09/28/2023
Client Project ID: TE 23-007 Region 18
York Project (SDG) No.: 23I1004

CT Cert. No. PH-0723 New Jersey Cert. No. CT005 and NY037 New York Cert. Nos. 10854 and 12058 PA Cert. No. 68-04440

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

Report Date: 09/28/2023
Client Project ID: TE 23-007 Region 18
York Project (SDG) No.: 23I1004

Turner Environmental, LLC
68 Ridge Hill Rd.
Oakdale CT, 06357
Attention: David Turner

Purpose and Results

This report contains the analytical data for the sample(s) identified on the attached chain-of-custody received in our laboratory on September 15, 2023 and listed below. The project was identified as your project: **TE 23-007 Region 18**.

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
23I1004-01	MW-1	Ground Water	09/12/2023	09/15/2023
23I1004-02	MW-2	Ground Water	09/12/2023	09/15/2023
23I1004-03	MW-3	Ground Water	09/12/2023	09/15/2023
23I1004-04	MW-4	Ground Water	09/12/2023	09/15/2023
23I1004-05	MW-5	Ground Water	09/13/2023	09/15/2023
23I1004-06	MW-6	Ground Water	09/13/2023	09/15/2023
23I1004-07	MW-7R	Ground Water	09/13/2023	09/15/2023
23I1004-08	MW-7D	Ground Water	09/13/2023	09/15/2023
23I1004-09	MW-7	Ground Water	09/13/2023	09/15/2023
23I1004-10	MW-8	Ground Water	09/13/2023	09/15/2023
23I1004-11	MW-9	Ground Water	09/14/2023	09/15/2023
23I1004-12	MW-15	Ground Water	09/14/2023	09/15/2023
23I1004-13	MW-16	Ground Water	09/14/2023	09/15/2023
23I1004-14	MW-10R	Ground Water	09/14/2023	09/15/2023
23I1004-15	MW-10	Ground Water	09/14/2023	09/15/2023
23I1004-16	MW-17	Ground Water	09/14/2023	09/15/2023
23I1004-17	MW-11	Ground Water	09/15/2023	09/15/2023
23I1004-18	MW-12	Ground Water	09/15/2023	09/15/2023
23I1004-19	MW-13	Ground Water	09/15/2023	09/15/2023
23I1004-20	MW-18	Ground Water	09/15/2023	09/15/2023
23I1004-21	Trip Blank	Ground Water	09/15/2023	09/15/2023

General Notes for York Project (SDG) No.: 23I1004

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

Approved By: 

Date: 09/28/2023

Cassie L Mosher
Laboratory Manager

Sample Information

Client Sample ID: **MW-1** **York Sample ID:** **23I1004-01**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23I1004	TE 23-007 Region 18	Ground Water	September 12, 2023 2:35 pm	09/15/2023

VOA, 8260 RCP LOW MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/L	0.500	1	EPA 8260C	09/20/2023 09:00	09/20/2023 16:20	SMA
71-55-6	1,1,1-Trichloroethane	ND		ug/L	0.500	1	EPA 8260C	09/20/2023 09:00	09/20/2023 16:20	SMA
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.500	1	EPA 8260C	09/20/2023 09:00	09/20/2023 16:20	SMA
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/L	0.500	1	EPA 8260C	09/20/2023 09:00	09/20/2023 16:20	SMA
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.500	1	EPA 8260C	09/20/2023 09:00	09/20/2023 16:20	SMA
75-34-3	1,1-Dichloroethane	ND		ug/L	0.500	1	EPA 8260C	09/20/2023 09:00	09/20/2023 16:20	SMA
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.500	1	EPA 8260C	09/20/2023 09:00	09/20/2023 16:20	SMA
563-58-6	1,1-Dichloropropylene	ND		ug/L	0.500	1	EPA 8260C	09/20/2023 09:00	09/20/2023 16:20	SMA
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	0.500	1	EPA 8260C	09/20/2023 09:00	09/20/2023 16:20	SMA
96-18-4	1,2,3-Trichloropropane	ND		ug/L	0.500	1	EPA 8260C	09/20/2023 09:00	09/20/2023 16:20	SMA
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.500	1	EPA 8260C	09/20/2023 09:00	09/20/2023 16:20	SMA
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	0.500	1	EPA 8260C	09/20/2023 09:00	09/20/2023 16:20	SMA
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.500	1	EPA 8260C	09/20/2023 09:00	09/20/2023 16:20	SMA
106-93-4	1,2-Dibromoethane	ND		ug/L	0.500	1	EPA 8260C	09/20/2023 09:00	09/20/2023 16:20	SMA
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.500	1	EPA 8260C	09/20/2023 09:00	09/20/2023 16:20	SMA
107-06-2	1,2-Dichloroethane	ND		ug/L	0.500	1	EPA 8260C	09/20/2023 09:00	09/20/2023 16:20	SMA
78-87-5	1,2-Dichloropropane	ND		ug/L	0.500	1	EPA 8260C	09/20/2023 09:00	09/20/2023 16:20	SMA
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	0.500	1	EPA 8260C	09/20/2023 09:00	09/20/2023 16:20	SMA
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.500	1	EPA 8260C	09/20/2023 09:00	09/20/2023 16:20	SMA
142-28-9	1,3-Dichloropropane	ND		ug/L	0.500	1	EPA 8260C	09/20/2023 09:00	09/20/2023 16:20	SMA
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.500	1	EPA 8260C	09/20/2023 09:00	09/20/2023 16:20	SMA
594-20-7	2,2-Dichloropropane	ND		ug/L	0.500	1	EPA 8260C	09/20/2023 09:00	09/20/2023 16:20	SMA
78-93-3	2-Butanone	ND	ICVE	ug/L	0.500	1	EPA 8260C	09/20/2023 09:00	09/20/2023 16:20	SMA
95-49-8	2-Chlorotoluene	ND		ug/L	0.500	1	EPA 8260C	09/20/2023 09:00	09/20/2023 16:20	SMA
591-78-6	2-Hexanone	ND		ug/L	0.500	1	EPA 8260C	09/20/2023 09:00	09/20/2023 16:20	SMA
106-43-4	4-Chlorotoluene	ND		ug/L	0.500	1	EPA 8260C	09/20/2023 09:00	09/20/2023 16:20	SMA
108-10-1	4-Methyl-2-pentanone	ND		ug/L	0.500	1	EPA 8260C	09/20/2023 09:00	09/20/2023 16:20	SMA
67-64-1	Acetone	ND		ug/L	2.00	1	EPA 8260C	09/20/2023 09:00	09/20/2023 16:20	SMA
107-13-1	Acrylonitrile	ND		ug/L	0.500	1	EPA 8260C	09/20/2023 09:00	09/20/2023 16:20	SMA
71-43-2	Benzene	ND		ug/L	0.500	1	EPA 8260C	09/20/2023 09:00	09/20/2023 16:20	SMA
108-86-1	Bromobenzene	ND		ug/L	0.500	1	EPA 8260C	09/20/2023 09:00	09/20/2023 16:20	SMA
74-97-5	Bromochloromethane	ND		ug/L	0.500	1	EPA 8260C	09/20/2023 09:00	09/20/2023 16:20	SMA
75-27-4	Bromodichloromethane	ND		ug/L	0.500	1	EPA 8260C	09/20/2023 09:00	09/20/2023 16:20	SMA
75-25-2	Bromoform	ND		ug/L	0.500	1	EPA 8260C	09/20/2023 09:00	09/20/2023 16:20	SMA
74-83-9	Bromomethane	ND	CCVE, QL-02	ug/L	0.500	1	EPA 8260C	09/20/2023 09:00	09/20/2023 16:20	SMA
75-15-0	Carbon disulfide	ND		ug/L	0.500	1	EPA 8260C	09/20/2023 09:00	09/20/2023 16:20	SMA

Sample Information

Client Sample ID: **MW-1** **York Sample ID:** **23I1004-01**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23I1004	TE 23-007 Region 18	Ground Water	September 12, 2023 2:35 pm	09/15/2023

VOA, 8260 RCP LOW MASTER

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

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
56-23-5	Carbon tetrachloride	ND		ug/L	0.500	1	EPA 8260C	09/20/2023 09:00	09/20/2023 16:20	SMA
108-90-7	Chlorobenzene	ND		ug/L	0.500	1	EPA 8260C	09/20/2023 09:00	09/20/2023 16:20	SMA
75-00-3	Chloroethane	ND		ug/L	0.500	1	EPA 8260C	09/20/2023 09:00	09/20/2023 16:20	SMA
67-66-3	Chloroform	ND		ug/L	0.500	1	EPA 8260C	09/20/2023 09:00	09/20/2023 16:20	SMA
74-87-3	Chloromethane	ND		ug/L	0.500	1	EPA 8260C	09/20/2023 09:00	09/20/2023 16:20	SMA
156-59-2	cis-1,2-Dichloroethylene	ND		ug/L	0.500	1	EPA 8260C	09/20/2023 09:00	09/20/2023 16:20	SMA
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.500	1	EPA 8260C	09/20/2023 09:00	09/20/2023 16:20	SMA
124-48-1	Dibromochloromethane	ND		ug/L	0.500	1	EPA 8260C	09/20/2023 09:00	09/20/2023 16:20	SMA
74-95-3	Dibromomethane	ND		ug/L	0.500	1	EPA 8260C	09/20/2023 09:00	09/20/2023 16:20	SMA
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.500	1	EPA 8260C	09/20/2023 09:00	09/20/2023 16:20	SMA
100-41-4	Ethyl Benzene	ND		ug/L	0.500	1	EPA 8260C	09/20/2023 09:00	09/20/2023 16:20	SMA
87-68-3	Hexachlorobutadiene	ND		ug/L	0.500	1	EPA 8260C	09/20/2023 09:00	09/20/2023 16:20	SMA
98-82-8	Isopropylbenzene	ND		ug/L	0.500	1	EPA 8260C	09/20/2023 09:00	09/20/2023 16:20	SMA
80-62-6	Methyl Methacrylate	ND		ug/L	0.500	1	EPA 8260C	09/20/2023 09:00	09/20/2023 16:20	SMA
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.500	1	EPA 8260C	09/20/2023 09:00	09/20/2023 16:20	SMA
75-09-2	Methylene chloride	ND		ug/L	2.00	1	EPA 8260C	09/20/2023 09:00	09/20/2023 16:20	SMA
91-20-3	Naphthalene	ND		ug/L	2.00	1	EPA 8260C	09/20/2023 09:00	09/20/2023 16:20	SMA
104-51-8	n-Butylbenzene	ND		ug/L	0.500	1	EPA 8260C	09/20/2023 09:00	09/20/2023 16:20	SMA
103-65-1	n-Propylbenzene	ND		ug/L	0.500	1	EPA 8260C	09/20/2023 09:00	09/20/2023 16:20	SMA
95-47-6	o-Xylene	ND		ug/L	0.500	1	EPA 8260C	09/20/2023 09:00	09/20/2023 16:20	SMA
179601-23-1	p- & m- Xylenes	ND		ug/L	1.00	1	EPA 8260C	09/20/2023 09:00	09/20/2023 16:20	SMA
99-87-6	p-Isopropyltoluene	ND		ug/L	0.500	1	EPA 8260C	09/20/2023 09:00	09/20/2023 16:20	SMA
135-98-8	sec-Butylbenzene	ND		ug/L	0.500	1	EPA 8260C	09/20/2023 09:00	09/20/2023 16:20	SMA
100-42-5	Styrene	ND		ug/L	0.500	1	EPA 8260C	09/20/2023 09:00	09/20/2023 16:20	SMA
98-06-6	tert-Butylbenzene	ND		ug/L	0.500	1	EPA 8260C	09/20/2023 09:00	09/20/2023 16:20	SMA
127-18-4	Tetrachloroethylene	ND	CCVE, ICVE, QL-02	ug/L	0.500	1	EPA 8260C	09/20/2023 09:00	09/20/2023 16:20	SMA
109-99-9	Tetrahydrofuran	ND		ug/L	4.00	1	EPA 8260C	09/20/2023 09:00	09/20/2023 16:20	SMA
108-88-3	Toluene	ND		ug/L	0.500	1	EPA 8260C	09/20/2023 09:00	09/20/2023 16:20	SMA
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.500	1	EPA 8260C	09/20/2023 09:00	09/20/2023 16:20	SMA
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.500	1	EPA 8260C	09/20/2023 09:00	09/20/2023 16:20	SMA
110-57-6	trans-1,4-dichloro-2-butene	ND		ug/L	0.500	1	EPA 8260C	09/20/2023 09:00	09/20/2023 16:20	SMA
79-01-6	Trichloroethylene	ND		ug/L	0.500	1	EPA 8260C	09/20/2023 09:00	09/20/2023 16:20	SMA
75-69-4	Trichlorofluoromethane	ND		ug/L	0.500	1	EPA 8260C	09/20/2023 09:00	09/20/2023 16:20	SMA
75-01-4	Vinyl Chloride	ND		ug/L	0.500	1	EPA 8260C	09/20/2023 09:00	09/20/2023 16:20	SMA

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: SURR: 1,2-Dichloroethane-d4*	*101 %*	*70-130*
2037-26-5	*Surrogate: SURR: Toluene-d8*	*99.8 %*	*70-130*

Sample Information

Client Sample ID: **MW-1** **York Sample ID:** **23I1004-01**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23I1004	TE 23-007 Region 18	Ground Water	September 12, 2023 2:35 pm	09/15/2023

VOA, 8260 RCP LOW MASTER

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

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
460-00-4	*Surrogate: SURR: p-Bromofluorobenzene*	*102 %*			*70-130*					

SVOA, 8270 LOW RCP MASTER

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

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
91-57-6	2-Methylnaphthalene	ND		ug/L	5.00	1	EPA 8270D	09/18/2023 08:56	09/19/2023 20:21	KH
	Surrogate Recoveries	**Result**			**Acceptance Range**					
4165-60-0	*Surrogate: SURR: Nitrobenzene-d5*	*38.4 %*			*30-130*					
321-60-8	*Surrogate: SURR: 2-Fluorobiphenyl*	*37.0 %*			*30-130*					
1718-51-0	*Surrogate: SURR: Terphenyl-d14*	*38.7 %*			*30-130*					

SVOA, 8270 SIM RCP MASTER

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

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
83-32-9	Acenaphthene	ND	ICVE	ug/L	0.0500	1	EPA 8270D SIM	09/18/2023 08:56	09/25/2023 14:48	KH
208-96-8	Acenaphthylene	ND	ICVE	ug/L	0.0500	1	EPA 8270D SIM	09/18/2023 08:56	09/25/2023 14:48	KH
120-12-7	Anthracene	ND	ICVE	ug/L	0.0500	1	EPA 8270D SIM	09/18/2023 08:56	09/25/2023 14:48	KH
56-55-3	Benzo(a)anthracene	ND	ICVE	ug/L	0.0500	1	EPA 8270D SIM	09/18/2023 08:56	09/25/2023 14:48	KH
50-32-8	Benzo(a)pyrene	ND	ICVE	ug/L	0.0500	1	EPA 8270D SIM	09/18/2023 08:56	09/25/2023 14:48	KH
205-99-2	Benzo(b)fluoranthene	ND	ICVE	ug/L	0.0500	1	EPA 8270D SIM	09/18/2023 08:56	09/25/2023 14:48	KH
191-24-2	Benzo(g,h,i)perylene	ND	ICVE	ug/L	0.0500	1	EPA 8270D SIM	09/18/2023 08:56	09/25/2023 14:48	KH
207-08-9	Benzo(k)fluoranthene	ND	ICVE	ug/L	0.0500	1	EPA 8270D SIM	09/18/2023 08:56	09/25/2023 14:48	KH
218-01-9	Chrysene	ND	ICVE	ug/L	0.0500	1	EPA 8270D SIM	09/18/2023 08:56	09/25/2023 14:48	KH
53-70-3	Dibenzo(a,h)anthracene	ND	ICVE	ug/L	0.0500	1	EPA 8270D SIM	09/18/2023 08:56	09/25/2023 14:48	KH
206-44-0	Fluoranthene	ND	ICVE	ug/L	0.0500	1	EPA 8270D SIM	09/18/2023 08:56	09/25/2023 14:48	KH
86-73-7	Fluorene	ND	ICVE	ug/L	0.0500	1	EPA 8270D SIM	09/18/2023 08:56	09/25/2023 14:48	KH
193-39-5	Indeno(1,2,3-cd)pyrene	ND	ICVE	ug/L	0.0500	1	EPA 8270D SIM	09/18/2023 08:56	09/25/2023 14:48	KH
91-20-3	Naphthalene	ND	ICVE	ug/L	0.0500	1	EPA 8270D SIM	09/18/2023 08:56	09/25/2023 14:48	KH
85-01-8	Phenanthrene	ND	ICVE	ug/L	0.0500	1	EPA 8270D SIM	09/18/2023 08:56	09/25/2023 14:48	KH
129-00-0	Pyrene	ND	ICVE	ug/L	0.0500	1	EPA 8270D SIM	09/18/2023 08:56	09/25/2023 14:48	KH

Extractable Total Petroleum Hydrocarbons (ETPH)

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

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
CT ETPH	ETPH (Extractable Total Petroleum Hydrocarbons)	ND		mg/L	0.150	1	CT DEP ETPH	09/18/2023 16:27	09/19/2023 11:42	GXB
	Surrogate Recoveries	**Result**			**Acceptance Range**					

Sample Information

Client Sample ID: **MW-1** **York Sample ID:** **23I1004-01**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23I1004	TE 23-007 Region 18	Ground Water	September 12, 2023 2:35 pm	09/15/2023

Extractable Total Petroleum Hydrocarbons (ETPH) **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
3386-33-2	*Surrogate: 1-Chlorooctadecane*	*65.6 %*			*30-140*					

Sample Information

Client Sample ID: **MW-2** **York Sample ID:** **23I1004-02**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23I1004	TE 23-007 Region 18	Ground Water	September 12, 2023 4:35 pm	09/15/2023

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

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/L	0.500	1	EPA 8260C	09/20/2023 09:00	09/20/2023 16:48	SMA
71-55-6	1,1,1-Trichloroethane	ND		ug/L	0.500	1	EPA 8260C	09/20/2023 09:00	09/20/2023 16:48	SMA
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.500	1	EPA 8260C	09/20/2023 09:00	09/20/2023 16:48	SMA
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/L	0.500	1	EPA 8260C	09/20/2023 09:00	09/20/2023 16:48	SMA
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.500	1	EPA 8260C	09/20/2023 09:00	09/20/2023 16:48	SMA
75-34-3	1,1-Dichloroethane	ND		ug/L	0.500	1	EPA 8260C	09/20/2023 09:00	09/20/2023 16:48	SMA
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.500	1	EPA 8260C	09/20/2023 09:00	09/20/2023 16:48	SMA
563-58-6	1,1-Dichloropropylene	ND		ug/L	0.500	1	EPA 8260C	09/20/2023 09:00	09/20/2023 16:48	SMA
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	0.500	1	EPA 8260C	09/20/2023 09:00	09/20/2023 16:48	SMA
96-18-4	1,2,3-Trichloropropane	ND		ug/L	0.500	1	EPA 8260C	09/20/2023 09:00	09/20/2023 16:48	SMA
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.500	1	EPA 8260C	09/20/2023 09:00	09/20/2023 16:48	SMA
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	0.500	1	EPA 8260C	09/20/2023 09:00	09/20/2023 16:48	SMA
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.500	1	EPA 8260C	09/20/2023 09:00	09/20/2023 16:48	SMA
106-93-4	1,2-Dibromoethane	ND		ug/L	0.500	1	EPA 8260C	09/20/2023 09:00	09/20/2023 16:48	SMA
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.500	1	EPA 8260C	09/20/2023 09:00	09/20/2023 16:48	SMA
107-06-2	1,2-Dichloroethane	ND		ug/L	0.500	1	EPA 8260C	09/20/2023 09:00	09/20/2023 16:48	SMA
78-87-5	1,2-Dichloropropane	ND		ug/L	0.500	1	EPA 8260C	09/20/2023 09:00	09/20/2023 16:48	SMA
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	0.500	1	EPA 8260C	09/20/2023 09:00	09/20/2023 16:48	SMA
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.500	1	EPA 8260C	09/20/2023 09:00	09/20/2023 16:48	SMA
142-28-9	1,3-Dichloropropane	ND		ug/L	0.500	1	EPA 8260C	09/20/2023 09:00	09/20/2023 16:48	SMA
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.500	1	EPA 8260C	09/20/2023 09:00	09/20/2023 16:48	SMA
594-20-7	2,2-Dichloropropane	ND		ug/L	0.500	1	EPA 8260C	09/20/2023 09:00	09/20/2023 16:48	SMA
78-93-3	2-Butanone	ND	ICVE	ug/L	0.500	1	EPA 8260C	09/20/2023 09:00	09/20/2023 16:48	SMA
95-49-8	2-Chlorotoluene	ND		ug/L	0.500	1	EPA 8260C	09/20/2023 09:00	09/20/2023 16:48	SMA

Sample Information

Client Sample ID: **MW-2** **York Sample ID:** **23I1004-02**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23I1004	TE 23-007 Region 18	Ground Water	September 12, 2023 4:35 pm	09/15/2023

VOA, 8260 RCP LOW MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
591-78-6	2-Hexanone	ND		ug/L	0.500	1	EPA 8260C	09/20/2023 09:00	09/20/2023 16:48	SMA
106-43-4	4-Chlorotoluene	ND		ug/L	0.500	1	EPA 8260C	09/20/2023 09:00	09/20/2023 16:48	SMA
108-10-1	4-Methyl-2-pentanone	ND		ug/L	0.500	1	EPA 8260C	09/20/2023 09:00	09/20/2023 16:48	SMA
67-64-1	Acetone	ND		ug/L	2.00	1	EPA 8260C	09/20/2023 09:00	09/20/2023 16:48	SMA
107-13-1	Acrylonitrile	ND		ug/L	0.500	1	EPA 8260C	09/20/2023 09:00	09/20/2023 16:48	SMA
71-43-2	Benzene	ND		ug/L	0.500	1	EPA 8260C	09/20/2023 09:00	09/20/2023 16:48	SMA
108-86-1	Bromobenzene	ND		ug/L	0.500	1	EPA 8260C	09/20/2023 09:00	09/20/2023 16:48	SMA
74-97-5	Bromochloromethane	ND		ug/L	0.500	1	EPA 8260C	09/20/2023 09:00	09/20/2023 16:48	SMA
75-27-4	Bromodichloromethane	ND		ug/L	0.500	1	EPA 8260C	09/20/2023 09:00	09/20/2023 16:48	SMA
75-25-2	Bromoform	ND		ug/L	0.500	1	EPA 8260C	09/20/2023 09:00	09/20/2023 16:48	SMA
74-83-9	Bromomethane	ND	CCVE, QL-02	ug/L	0.500	1	EPA 8260C	09/20/2023 09:00	09/20/2023 16:48	SMA
75-15-0	Carbon disulfide	ND		ug/L	0.500	1	EPA 8260C	09/20/2023 09:00	09/20/2023 16:48	SMA
56-23-5	Carbon tetrachloride	ND		ug/L	0.500	1	EPA 8260C	09/20/2023 09:00	09/20/2023 16:48	SMA
108-90-7	Chlorobenzene	ND		ug/L	0.500	1	EPA 8260C	09/20/2023 09:00	09/20/2023 16:48	SMA
75-00-3	Chloroethane	ND		ug/L	0.500	1	EPA 8260C	09/20/2023 09:00	09/20/2023 16:48	SMA
67-66-3	Chloroform	ND		ug/L	0.500	1	EPA 8260C	09/20/2023 09:00	09/20/2023 16:48	SMA
74-87-3	Chloromethane	ND		ug/L	0.500	1	EPA 8260C	09/20/2023 09:00	09/20/2023 16:48	SMA
156-59-2	cis-1,2-Dichloroethylene	ND		ug/L	0.500	1	EPA 8260C	09/20/2023 09:00	09/20/2023 16:48	SMA
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.500	1	EPA 8260C	09/20/2023 09:00	09/20/2023 16:48	SMA
124-48-1	Dibromochloromethane	ND		ug/L	0.500	1	EPA 8260C	09/20/2023 09:00	09/20/2023 16:48	SMA
74-95-3	Dibromomethane	ND		ug/L	0.500	1	EPA 8260C	09/20/2023 09:00	09/20/2023 16:48	SMA
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.500	1	EPA 8260C	09/20/2023 09:00	09/20/2023 16:48	SMA
100-41-4	Ethyl Benzene	ND		ug/L	0.500	1	EPA 8260C	09/20/2023 09:00	09/20/2023 16:48	SMA
87-68-3	Hexachlorobutadiene	ND		ug/L	0.500	1	EPA 8260C	09/20/2023 09:00	09/20/2023 16:48	SMA
98-82-8	Isopropylbenzene	ND		ug/L	0.500	1	EPA 8260C	09/20/2023 09:00	09/20/2023 16:48	SMA
80-62-6	Methyl Methacrylate	ND		ug/L	0.500	1	EPA 8260C	09/20/2023 09:00	09/20/2023 16:48	SMA
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.500	1	EPA 8260C	09/20/2023 09:00	09/20/2023 16:48	SMA
75-09-2	Methylene chloride	ND		ug/L	2.00	1	EPA 8260C	09/20/2023 09:00	09/20/2023 16:48	SMA
91-20-3	Naphthalene	ND		ug/L	2.00	1	EPA 8260C	09/20/2023 09:00	09/20/2023 16:48	SMA
104-51-8	n-Butylbenzene	ND		ug/L	0.500	1	EPA 8260C	09/20/2023 09:00	09/20/2023 16:48	SMA
103-65-1	n-Propylbenzene	ND		ug/L	0.500	1	EPA 8260C	09/20/2023 09:00	09/20/2023 16:48	SMA
95-47-6	o-Xylene	ND		ug/L	0.500	1	EPA 8260C	09/20/2023 09:00	09/20/2023 16:48	SMA
179601-23-1	p- & m- Xylenes	ND		ug/L	1.00	1	EPA 8260C	09/20/2023 09:00	09/20/2023 16:48	SMA
99-87-6	p-Isopropyltoluene	ND		ug/L	0.500	1	EPA 8260C	09/20/2023 09:00	09/20/2023 16:48	SMA
135-98-8	sec-Butylbenzene	ND		ug/L	0.500	1	EPA 8260C	09/20/2023 09:00	09/20/2023 16:48	SMA
100-42-5	Styrene	ND		ug/L	0.500	1	EPA 8260C	09/20/2023 09:00	09/20/2023 16:48	SMA
98-06-6	tert-Butylbenzene	ND		ug/L	0.500	1	EPA 8260C	09/20/2023 09:00	09/20/2023 16:48	SMA

Sample Information

Client Sample ID: **MW-2** **York Sample ID:** **23I1004-02**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23I1004	TE 23-007 Region 18	Ground Water	September 12, 2023 4:35 pm	09/15/2023

VOA, 8260 RCP LOW MASTER

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

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
127-18-4	Tetrachloroethylene	ND	CCVE, ICVE, QL-02	ug/L	0.500	1	EPA 8260C	09/20/2023 09:00	09/20/2023 16:48	SMA
109-99-9	Tetrahydrofuran	ND		ug/L	4.00	1	EPA 8260C	09/20/2023 09:00	09/20/2023 16:48	SMA
108-88-3	Toluene	ND		ug/L	0.500	1	EPA 8260C	09/20/2023 09:00	09/20/2023 16:48	SMA
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.500	1	EPA 8260C	09/20/2023 09:00	09/20/2023 16:48	SMA
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.500	1	EPA 8260C	09/20/2023 09:00	09/20/2023 16:48	SMA
110-57-6	trans-1,4-dichloro-2-butene	ND		ug/L	0.500	1	EPA 8260C	09/20/2023 09:00	09/20/2023 16:48	SMA
79-01-6	Trichloroethylene	ND		ug/L	0.500	1	EPA 8260C	09/20/2023 09:00	09/20/2023 16:48	SMA
75-69-4	Trichlorofluoromethane	ND		ug/L	0.500	1	EPA 8260C	09/20/2023 09:00	09/20/2023 16:48	SMA
75-01-4	Vinyl Chloride	ND		ug/L	0.500	1	EPA 8260C	09/20/2023 09:00	09/20/2023 16:48	SMA

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: SURR: 1,2-Dichloroethane-d4*	*100 %*	*70-130*
2037-26-5	*Surrogate: SURR: Toluene-d8*	*99.8 %*	*70-130*
460-00-4	*Surrogate: SURR: p-Bromofluorobenzene*	*101 %*	*70-130*

SVOA, 8270 LOW RCP MASTER

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

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
91-57-6	2-Methylnaphthalene	ND		ug/L	5.00	1	EPA 8270D	09/18/2023 08:56	09/19/2023 20:55	KH

	Surrogate Recoveries	Result	Acceptance Range
4165-60-0	*Surrogate: SURR: Nitrobenzene-d5*	*67.7 %*	*30-130*
321-60-8	*Surrogate: SURR: 2-Fluorobiphenyl*	*63.5 %*	*30-130*
1718-51-0	*Surrogate: SURR: Terphenyl-d14*	*56.4 %*	*30-130*

SVOA, 8270 SIM RCP MASTER

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

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
83-32-9	Acenaphthene	ND	ICVE	ug/L	0.0500	1	EPA 8270D SIM	09/18/2023 08:56	09/25/2023 15:18	KH
208-96-8	Acenaphthylene	ND	ICVE	ug/L	0.0500	1	EPA 8270D SIM	09/18/2023 08:56	09/25/2023 15:18	KH
120-12-7	Anthracene	ND	ICVE	ug/L	0.0500	1	EPA 8270D SIM	09/18/2023 08:56	09/25/2023 15:18	KH
56-55-3	Benzo(a)anthracene	ND	ICVE	ug/L	0.0500	1	EPA 8270D SIM	09/18/2023 08:56	09/25/2023 15:18	KH
50-32-8	Benzo(a)pyrene	ND	ICVE	ug/L	0.0500	1	EPA 8270D SIM	09/18/2023 08:56	09/25/2023 15:18	KH
205-99-2	Benzo(b)fluoranthene	ND	ICVE	ug/L	0.0500	1	EPA 8270D SIM	09/18/2023 08:56	09/25/2023 15:18	KH
191-24-2	Benzo(g,h,i)perylene	ND	ICVE	ug/L	0.0500	1	EPA 8270D SIM	09/18/2023 08:56	09/25/2023 15:18	KH
207-08-9	Benzo(k)fluoranthene	ND	ICVE	ug/L	0.0500	1	EPA 8270D SIM	09/18/2023 08:56	09/25/2023 15:18	KH
218-01-9	Chrysene	ND	ICVE	ug/L	0.0500	1	EPA 8270D SIM	09/18/2023 08:56	09/25/2023 15:18	KH
53-70-3	Dibenzo(a,h)anthracene	ND	ICVE	ug/L	0.0500	1	EPA 8270D SIM	09/18/2023 08:56	09/25/2023 15:18	KH

Sample Information

Client Sample ID: **MW-2** **York Sample ID:** **23I1004-02**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23I1004	TE 23-007 Region 18	Ground Water	September 12, 2023 4:35 pm	09/15/2023

SVOA, 8270 SIM RCP MASTER

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

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
206-44-0	Fluoranthene	ND	ICVE	ug/L	0.0500	1	EPA 8270D SIM	09/18/2023 08:56	09/25/2023 15:18	KH
86-73-7	Fluorene	ND	ICVE	ug/L	0.0500	1	EPA 8270D SIM	09/18/2023 08:56	09/25/2023 15:18	KH
193-39-5	Indeno(1,2,3-cd)pyrene	ND	ICVE	ug/L	0.0500	1	EPA 8270D SIM	09/18/2023 08:56	09/25/2023 15:18	KH
91-20-3	**Naphthalene**	**0.0700**	ICVE	ug/L	0.0500	1	EPA 8270D SIM	09/18/2023 08:56	09/25/2023 15:18	KH
85-01-8	Phenanthrene	ND	ICVE	ug/L	0.0500	1	EPA 8270D SIM	09/18/2023 08:56	09/25/2023 15:18	KH
129-00-0	Pyrene	ND	ICVE	ug/L	0.0500	1	EPA 8270D SIM	09/18/2023 08:56	09/25/2023 15:18	KH

Extractable Total Petroleum Hydrocarbons (ETPH)

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

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
CT ETPH	ETPH (Extractable Total Petroleum Hydrocarbons)	ND		mg/L	0.150	1	CT DEP ETPH	09/18/2023 16:27	09/19/2023 12:20	GXB
	Surrogate Recoveries	**Result**			**Acceptance Range**					
3386-33-2	*Surrogate: 1-Chlorooctadecane*	*70.1 %*			*30-140*					

Sample Information

Client Sample ID: **MW-3** **York Sample ID:** **23I1004-03**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23I1004	TE 23-007 Region 18	Ground Water	September 12, 2023 3:30 pm	09/15/2023

VOA, 8260 RCP LOW MASTER

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

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/L	0.500	1	EPA 8260C	09/20/2023 09:00	09/20/2023 17:16	SMA
71-55-6	1,1,1-Trichloroethane	ND		ug/L	0.500	1	EPA 8260C	09/20/2023 09:00	09/20/2023 17:16	SMA
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.500	1	EPA 8260C	09/20/2023 09:00	09/20/2023 17:16	SMA
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/L	0.500	1	EPA 8260C	09/20/2023 09:00	09/20/2023 17:16	SMA
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.500	1	EPA 8260C	09/20/2023 09:00	09/20/2023 17:16	SMA
75-34-3	1,1-Dichloroethane	ND		ug/L	0.500	1	EPA 8260C	09/20/2023 09:00	09/20/2023 17:16	SMA
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.500	1	EPA 8260C	09/20/2023 09:00	09/20/2023 17:16	SMA
563-58-6	1,1-Dichloropropylene	ND		ug/L	0.500	1	EPA 8260C	09/20/2023 09:00	09/20/2023 17:16	SMA
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	0.500	1	EPA 8260C	09/20/2023 09:00	09/20/2023 17:16	SMA
96-18-4	1,2,3-Trichloropropane	ND		ug/L	0.500	1	EPA 8260C	09/20/2023 09:00	09/20/2023 17:16	SMA
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.500	1	EPA 8260C	09/20/2023 09:00	09/20/2023 17:16	SMA

Sample Information

Client Sample ID: **MW-3** **York Sample ID:** **23I1004-03**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23I1004	TE 23-007 Region 18	Ground Water	September 12, 2023 3:30 pm	09/15/2023

VOA, 8260 RCP LOW MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	0.500	1	EPA 8260C	09/20/2023 09:00	09/20/2023 17:16	SMA
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.500	1	EPA 8260C	09/20/2023 09:00	09/20/2023 17:16	SMA
106-93-4	1,2-Dibromoethane	ND		ug/L	0.500	1	EPA 8260C	09/20/2023 09:00	09/20/2023 17:16	SMA
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.500	1	EPA 8260C	09/20/2023 09:00	09/20/2023 17:16	SMA
107-06-2	1,2-Dichloroethane	ND		ug/L	0.500	1	EPA 8260C	09/20/2023 09:00	09/20/2023 17:16	SMA
78-87-5	1,2-Dichloropropane	ND		ug/L	0.500	1	EPA 8260C	09/20/2023 09:00	09/20/2023 17:16	SMA
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	0.500	1	EPA 8260C	09/20/2023 09:00	09/20/2023 17:16	SMA
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.500	1	EPA 8260C	09/20/2023 09:00	09/20/2023 17:16	SMA
142-28-9	1,3-Dichloropropane	ND		ug/L	0.500	1	EPA 8260C	09/20/2023 09:00	09/20/2023 17:16	SMA
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.500	1	EPA 8260C	09/20/2023 09:00	09/20/2023 17:16	SMA
594-20-7	2,2-Dichloropropane	ND		ug/L	0.500	1	EPA 8260C	09/20/2023 09:00	09/20/2023 17:16	SMA
78-93-3	**2-Butanone**	**0.570**	ICVE	ug/L	0.500	1	EPA 8260C	09/20/2023 09:00	09/20/2023 17:16	SMA
95-49-8	2-Chlorotoluene	ND		ug/L	0.500	1	EPA 8260C	09/20/2023 09:00	09/20/2023 17:16	SMA
591-78-6	2-Hexanone	ND		ug/L	0.500	1	EPA 8260C	09/20/2023 09:00	09/20/2023 17:16	SMA
106-43-4	4-Chlorotoluene	ND		ug/L	0.500	1	EPA 8260C	09/20/2023 09:00	09/20/2023 17:16	SMA
108-10-1	4-Methyl-2-pentanone	ND		ug/L	0.500	1	EPA 8260C	09/20/2023 09:00	09/20/2023 17:16	SMA
67-64-1	Acetone	ND		ug/L	2.00	1	EPA 8260C	09/20/2023 09:00	09/20/2023 17:16	SMA
107-13-1	Acrylonitrile	ND		ug/L	0.500	1	EPA 8260C	09/20/2023 09:00	09/20/2023 17:16	SMA
71-43-2	Benzene	ND		ug/L	0.500	1	EPA 8260C	09/20/2023 09:00	09/20/2023 17:16	SMA
108-86-1	Bromobenzene	ND		ug/L	0.500	1	EPA 8260C	09/20/2023 09:00	09/20/2023 17:16	SMA
74-97-5	Bromochloromethane	ND		ug/L	0.500	1	EPA 8260C	09/20/2023 09:00	09/20/2023 17:16	SMA
75-27-4	Bromodichloromethane	ND		ug/L	0.500	1	EPA 8260C	09/20/2023 09:00	09/20/2023 17:16	SMA
75-25-2	Bromoform	ND		ug/L	0.500	1	EPA 8260C	09/20/2023 09:00	09/20/2023 17:16	SMA
74-83-9	Bromomethane	ND	CCVE, QL-02	ug/L	0.500	1	EPA 8260C	09/20/2023 09:00	09/20/2023 17:16	SMA
75-15-0	Carbon disulfide	ND		ug/L	0.500	1	EPA 8260C	09/20/2023 09:00	09/20/2023 17:16	SMA
56-23-5	Carbon tetrachloride	ND		ug/L	0.500	1	EPA 8260C	09/20/2023 09:00	09/20/2023 17:16	SMA
108-90-7	Chlorobenzene	ND		ug/L	0.500	1	EPA 8260C	09/20/2023 09:00	09/20/2023 17:16	SMA
75-00-3	Chloroethane	ND		ug/L	0.500	1	EPA 8260C	09/20/2023 09:00	09/20/2023 17:16	SMA
67-66-3	Chloroform	ND		ug/L	0.500	1	EPA 8260C	09/20/2023 09:00	09/20/2023 17:16	SMA
74-87-3	Chloromethane	ND		ug/L	0.500	1	EPA 8260C	09/20/2023 09:00	09/20/2023 17:16	SMA
156-59-2	cis-1,2-Dichloroethylene	ND		ug/L	0.500	1	EPA 8260C	09/20/2023 09:00	09/20/2023 17:16	SMA
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.500	1	EPA 8260C	09/20/2023 09:00	09/20/2023 17:16	SMA
124-48-1	Dibromochloromethane	ND		ug/L	0.500	1	EPA 8260C	09/20/2023 09:00	09/20/2023 17:16	SMA
74-95-3	Dibromomethane	ND		ug/L	0.500	1	EPA 8260C	09/20/2023 09:00	09/20/2023 17:16	SMA
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.500	1	EPA 8260C	09/20/2023 09:00	09/20/2023 17:16	SMA
100-41-4	Ethyl Benzene	ND		ug/L	0.500	1	EPA 8260C	09/20/2023 09:00	09/20/2023 17:16	SMA
87-68-3	Hexachlorobutadiene	ND		ug/L	0.500	1	EPA 8260C	09/20/2023 09:00	09/20/2023 17:16	SMA
98-82-8	Isopropylbenzene	ND		ug/L	0.500	1	EPA 8260C	09/20/2023 09:00	09/20/2023 17:16	SMA

Sample Information

Client Sample ID: **MW-3** **York Sample ID:** **23I1004-03**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23I1004	TE 23-007 Region 18	Ground Water	September 12, 2023 3:30 pm	09/15/2023

VOA, 8260 RCP LOW MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
80-62-6	Methyl Methacrylate	ND		ug/L	0.500	1	EPA 8260C	09/20/2023 09:00	09/20/2023 17:16	SMA
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.500	1	EPA 8260C	09/20/2023 09:00	09/20/2023 17:16	SMA
75-09-2	Methylene chloride	ND		ug/L	2.00	1	EPA 8260C	09/20/2023 09:00	09/20/2023 17:16	SMA
91-20-3	Naphthalene	ND		ug/L	2.00	1	EPA 8260C	09/20/2023 09:00	09/20/2023 17:16	SMA
104-51-8	n-Butylbenzene	ND		ug/L	0.500	1	EPA 8260C	09/20/2023 09:00	09/20/2023 17:16	SMA
103-65-1	n-Propylbenzene	ND		ug/L	0.500	1	EPA 8260C	09/20/2023 09:00	09/20/2023 17:16	SMA
95-47-6	o-Xylene	ND		ug/L	0.500	1	EPA 8260C	09/20/2023 09:00	09/20/2023 17:16	SMA
179601-23-1	p- & m- Xylenes	ND		ug/L	1.00	1	EPA 8260C	09/20/2023 09:00	09/20/2023 17:16	SMA
99-87-6	p-Isopropyltoluene	ND		ug/L	0.500	1	EPA 8260C	09/20/2023 09:00	09/20/2023 17:16	SMA
135-98-8	sec-Butylbenzene	ND		ug/L	0.500	1	EPA 8260C	09/20/2023 09:00	09/20/2023 17:16	SMA
100-42-5	Styrene	ND		ug/L	0.500	1	EPA 8260C	09/20/2023 09:00	09/20/2023 17:16	SMA
98-06-6	tert-Butylbenzene	ND		ug/L	0.500	1	EPA 8260C	09/20/2023 09:00	09/20/2023 17:16	SMA
127-18-4	Tetrachloroethylene	ND	CCVE, ICVE, QL-02	ug/L	0.500	1	EPA 8260C	09/20/2023 09:00	09/20/2023 17:16	SMA
109-99-9	Tetrahydrofuran	ND		ug/L	4.00	1	EPA 8260C	09/20/2023 09:00	09/20/2023 17:16	SMA
108-88-3	Toluene	ND		ug/L	0.500	1	EPA 8260C	09/20/2023 09:00	09/20/2023 17:16	SMA
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.500	1	EPA 8260C	09/20/2023 09:00	09/20/2023 17:16	SMA
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.500	1	EPA 8260C	09/20/2023 09:00	09/20/2023 17:16	SMA
110-57-6	trans-1,4-dichloro-2-butene	ND		ug/L	0.500	1	EPA 8260C	09/20/2023 09:00	09/20/2023 17:16	SMA
79-01-6	Trichloroethylene	ND		ug/L	0.500	1	EPA 8260C	09/20/2023 09:00	09/20/2023 17:16	SMA
75-69-4	Trichlorofluoromethane	ND		ug/L	0.500	1	EPA 8260C	09/20/2023 09:00	09/20/2023 17:16	SMA
75-01-4	Vinyl Chloride	ND		ug/L	0.500	1	EPA 8260C	09/20/2023 09:00	09/20/2023 17:16	SMA

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: SURR: 1,2-Dichloroethane-d4*	*102 %*	*70-130*
2037-26-5	*Surrogate: SURR: Toluene-d8*	*100 %*	*70-130*
460-00-4	*Surrogate: SURR: p-Bromofluorobenzene*	*102 %*	*70-130*

Sample Information

Client Sample ID: MW-3 **York Sample ID:** 23I1004-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23I1004	TE 23-007 Region 18	Ground Water	September 12, 2023 3:30 pm	09/15/2023

SVOA, 8270 LOW RCP MASTER

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

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
91-57-6	2-Methylnaphthalene	ND		ug/L	5.00	1	EPA 8270D	09/18/2023 08:56	09/19/2023 21:29	KH
	Surrogate Recoveries	**Result**			**Acceptance Range**					
4165-60-0	*Surrogate: SURR: Nitrobenzene-d5*	*63.0 %*			*30-130*					
321-60-8	*Surrogate: SURR: 2-Fluorobiphenyl*	*57.8 %*			*30-130*					
1718-51-0	*Surrogate: SURR: Terphenyl-d14*	*43.0 %*			*30-130*					

SVOA, 8270 SIM RCP MASTER

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

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
83-32-9	Acenaphthene	ND	ICVE	ug/L	0.0500	1	EPA 8270D SIM	09/18/2023 08:56	09/25/2023 15:49	KH
208-96-8	Acenaphthylene	ND	ICVE	ug/L	0.0500	1	EPA 8270D SIM	09/18/2023 08:56	09/25/2023 15:49	KH
120-12-7	Anthracene	ND	ICVE	ug/L	0.0500	1	EPA 8270D SIM	09/18/2023 08:56	09/25/2023 15:49	KH
56-55-3	Benzo(a)anthracene	ND	ICVE	ug/L	0.0500	1	EPA 8270D SIM	09/18/2023 08:56	09/25/2023 15:49	KH
50-32-8	Benzo(a)pyrene	ND	ICVE	ug/L	0.0500	1	EPA 8270D SIM	09/18/2023 08:56	09/25/2023 15:49	KH
205-99-2	Benzo(b)fluoranthene	ND	ICVE	ug/L	0.0500	1	EPA 8270D SIM	09/18/2023 08:56	09/25/2023 15:49	KH
191-24-2	Benzo(g,h,i)perylene	ND	ICVE	ug/L	0.0500	1	EPA 8270D SIM	09/18/2023 08:56	09/25/2023 15:49	KH
207-08-9	Benzo(k)fluoranthene	ND	ICVE	ug/L	0.0500	1	EPA 8270D SIM	09/18/2023 08:56	09/25/2023 15:49	KH
218-01-9	Chrysene	ND	ICVE	ug/L	0.0500	1	EPA 8270D SIM	09/18/2023 08:56	09/25/2023 15:49	KH
53-70-3	Dibenzo(a,h)anthracene	ND	ICVE	ug/L	0.0500	1	EPA 8270D SIM	09/18/2023 08:56	09/25/2023 15:49	KH
206-44-0	Fluoranthene	ND	ICVE	ug/L	0.0500	1	EPA 8270D SIM	09/18/2023 08:56	09/25/2023 15:49	KH
86-73-7	Fluorene	ND	ICVE	ug/L	0.0500	1	EPA 8270D SIM	09/18/2023 08:56	09/25/2023 15:49	KH
193-39-5	Indeno(1,2,3-cd)pyrene	ND	ICVE	ug/L	0.0500	1	EPA 8270D SIM	09/18/2023 08:56	09/25/2023 15:49	KH
91-20-3	**Naphthalene**	**0.0700**	ICVE	ug/L	0.0500	1	EPA 8270D SIM	09/18/2023 08:56	09/25/2023 15:49	KH
85-01-8	Phenanthrene	ND	ICVE	ug/L	0.0500	1	EPA 8270D SIM	09/18/2023 08:56	09/25/2023 15:49	KH
129-00-0	Pyrene	ND	ICVE	ug/L	0.0500	1	EPA 8270D SIM	09/18/2023 08:56	09/25/2023 15:49	KH

Extractable Total Petroleum Hydrocarbons (ETPH)

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

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
CT ETPH	ETPH (Extractable Total Petroleum Hydrocarbons)	ND		mg/L	0.150	1	CT DEP ETPH	09/18/2023 16:27	09/19/2023 12:58	GXB
	Surrogate Recoveries	**Result**			**Acceptance Range**					
3386-33-2	*Surrogate: 1-Chlorooctadecane*	*72.8 %*			*30-140*					

Sample Information

Client Sample ID: MW-4 **York Sample ID:** 23I1004-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23I1004	TE 23-007 Region 18	Ground Water	September 12, 2023 5:25 pm	09/15/2023

VOA, 8260 RCP LOW MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/L	0.500	1	EPA 8260C	09/20/2023 09:00	09/20/2023 17:44	SMA
71-55-6	1,1,1-Trichloroethane	ND		ug/L	0.500	1	EPA 8260C	09/20/2023 09:00	09/20/2023 17:44	SMA
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.500	1	EPA 8260C	09/20/2023 09:00	09/20/2023 17:44	SMA
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/L	0.500	1	EPA 8260C	09/20/2023 09:00	09/20/2023 17:44	SMA
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.500	1	EPA 8260C	09/20/2023 09:00	09/20/2023 17:44	SMA
75-34-3	1,1-Dichloroethane	ND		ug/L	0.500	1	EPA 8260C	09/20/2023 09:00	09/20/2023 17:44	SMA
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.500	1	EPA 8260C	09/20/2023 09:00	09/20/2023 17:44	SMA
563-58-6	1,1-Dichloropropylene	ND		ug/L	0.500	1	EPA 8260C	09/20/2023 09:00	09/20/2023 17:44	SMA
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	0.500	1	EPA 8260C	09/20/2023 09:00	09/20/2023 17:44	SMA
96-18-4	1,2,3-Trichloropropane	ND		ug/L	0.500	1	EPA 8260C	09/20/2023 09:00	09/20/2023 17:44	SMA
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.500	1	EPA 8260C	09/20/2023 09:00	09/20/2023 17:44	SMA
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	0.500	1	EPA 8260C	09/20/2023 09:00	09/20/2023 17:44	SMA
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.500	1	EPA 8260C	09/20/2023 09:00	09/20/2023 17:44	SMA
106-93-4	1,2-Dibromoethane	ND		ug/L	0.500	1	EPA 8260C	09/20/2023 09:00	09/20/2023 17:44	SMA
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.500	1	EPA 8260C	09/20/2023 09:00	09/20/2023 17:44	SMA
107-06-2	1,2-Dichloroethane	ND		ug/L	0.500	1	EPA 8260C	09/20/2023 09:00	09/20/2023 17:44	SMA
78-87-5	1,2-Dichloropropane	ND		ug/L	0.500	1	EPA 8260C	09/20/2023 09:00	09/20/2023 17:44	SMA
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	0.500	1	EPA 8260C	09/20/2023 09:00	09/20/2023 17:44	SMA
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.500	1	EPA 8260C	09/20/2023 09:00	09/20/2023 17:44	SMA
142-28-9	1,3-Dichloropropane	ND		ug/L	0.500	1	EPA 8260C	09/20/2023 09:00	09/20/2023 17:44	SMA
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.500	1	EPA 8260C	09/20/2023 09:00	09/20/2023 17:44	SMA
594-20-7	2,2-Dichloropropane	ND		ug/L	0.500	1	EPA 8260C	09/20/2023 09:00	09/20/2023 17:44	SMA
78-93-3	2-Butanone	ND	ICVE	ug/L	0.500	1	EPA 8260C	09/20/2023 09:00	09/20/2023 17:44	SMA
95-49-8	2-Chlorotoluene	ND		ug/L	0.500	1	EPA 8260C	09/20/2023 09:00	09/20/2023 17:44	SMA
591-78-6	2-Hexanone	ND		ug/L	0.500	1	EPA 8260C	09/20/2023 09:00	09/20/2023 17:44	SMA
106-43-4	4-Chlorotoluene	ND		ug/L	0.500	1	EPA 8260C	09/20/2023 09:00	09/20/2023 17:44	SMA
108-10-1	4-Methyl-2-pentanone	ND		ug/L	0.500	1	EPA 8260C	09/20/2023 09:00	09/20/2023 17:44	SMA
67-64-1	Acetone	ND		ug/L	2.00	1	EPA 8260C	09/20/2023 09:00	09/20/2023 17:44	SMA
107-13-1	Acrylonitrile	ND		ug/L	0.500	1	EPA 8260C	09/20/2023 09:00	09/20/2023 17:44	SMA
71-43-2	Benzene	ND		ug/L	0.500	1	EPA 8260C	09/20/2023 09:00	09/20/2023 17:44	SMA
108-86-1	Bromobenzene	ND		ug/L	0.500	1	EPA 8260C	09/20/2023 09:00	09/20/2023 17:44	SMA
74-97-5	Bromochloromethane	ND		ug/L	0.500	1	EPA 8260C	09/20/2023 09:00	09/20/2023 17:44	SMA
75-27-4	Bromodichloromethane	ND		ug/L	0.500	1	EPA 8260C	09/20/2023 09:00	09/20/2023 17:44	SMA
75-25-2	Bromoform	ND		ug/L	0.500	1	EPA 8260C	09/20/2023 09:00	09/20/2023 17:44	SMA
74-83-9	Bromomethane	ND	CCVE, QL-02	ug/L	0.500	1	EPA 8260C	09/20/2023 09:00	09/20/2023 17:44	SMA
75-15-0	Carbon disulfide	ND		ug/L	0.500	1	EPA 8260C	09/20/2023 09:00	09/20/2023 17:44	SMA

Sample Information

Client Sample ID: MW-4 **York Sample ID:** 23I1004-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23I1004	TE 23-007 Region 18	Ground Water	September 12, 2023 5:25 pm	09/15/2023

VOA, 8260 RCP LOW MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
56-23-5	Carbon tetrachloride	ND		ug/L	0.500	1	EPA 8260C	09/20/2023 09:00	09/20/2023 17:44	SMA
108-90-7	Chlorobenzene	ND		ug/L	0.500	1	EPA 8260C	09/20/2023 09:00	09/20/2023 17:44	SMA
75-00-3	Chloroethane	ND		ug/L	0.500	1	EPA 8260C	09/20/2023 09:00	09/20/2023 17:44	SMA
67-66-3	Chloroform	ND		ug/L	0.500	1	EPA 8260C	09/20/2023 09:00	09/20/2023 17:44	SMA
74-87-3	Chloromethane	ND		ug/L	0.500	1	EPA 8260C	09/20/2023 09:00	09/20/2023 17:44	SMA
156-59-2	cis-1,2-Dichloroethylene	ND		ug/L	0.500	1	EPA 8260C	09/20/2023 09:00	09/20/2023 17:44	SMA
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.500	1	EPA 8260C	09/20/2023 09:00	09/20/2023 17:44	SMA
124-48-1	Dibromochloromethane	ND		ug/L	0.500	1	EPA 8260C	09/20/2023 09:00	09/20/2023 17:44	SMA
74-95-3	Dibromomethane	ND		ug/L	0.500	1	EPA 8260C	09/20/2023 09:00	09/20/2023 17:44	SMA
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.500	1	EPA 8260C	09/20/2023 09:00	09/20/2023 17:44	SMA
100-41-4	Ethyl Benzene	ND		ug/L	0.500	1	EPA 8260C	09/20/2023 09:00	09/20/2023 17:44	SMA
87-68-3	Hexachlorobutadiene	ND		ug/L	0.500	1	EPA 8260C	09/20/2023 09:00	09/20/2023 17:44	SMA
98-82-8	Isopropylbenzene	ND		ug/L	0.500	1	EPA 8260C	09/20/2023 09:00	09/20/2023 17:44	SMA
80-62-6	Methyl Methacrylate	ND		ug/L	0.500	1	EPA 8260C	09/20/2023 09:00	09/20/2023 17:44	SMA
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.500	1	EPA 8260C	09/20/2023 09:00	09/20/2023 17:44	SMA
75-09-2	Methylene chloride	ND		ug/L	2.00	1	EPA 8260C	09/20/2023 09:00	09/20/2023 17:44	SMA
91-20-3	Naphthalene	ND		ug/L	2.00	1	EPA 8260C	09/20/2023 09:00	09/20/2023 17:44	SMA
104-51-8	n-Butylbenzene	ND		ug/L	0.500	1	EPA 8260C	09/20/2023 09:00	09/20/2023 17:44	SMA
103-65-1	n-Propylbenzene	ND		ug/L	0.500	1	EPA 8260C	09/20/2023 09:00	09/20/2023 17:44	SMA
95-47-6	o-Xylene	ND		ug/L	0.500	1	EPA 8260C	09/20/2023 09:00	09/20/2023 17:44	SMA
179601-23-1	p- & m- Xylenes	ND		ug/L	1.00	1	EPA 8260C	09/20/2023 09:00	09/20/2023 17:44	SMA
99-87-6	p-Isopropyltoluene	ND		ug/L	0.500	1	EPA 8260C	09/20/2023 09:00	09/20/2023 17:44	SMA
135-98-8	sec-Butylbenzene	ND		ug/L	0.500	1	EPA 8260C	09/20/2023 09:00	09/20/2023 17:44	SMA
100-42-5	Styrene	ND		ug/L	0.500	1	EPA 8260C	09/20/2023 09:00	09/20/2023 17:44	SMA
98-06-6	tert-Butylbenzene	ND		ug/L	0.500	1	EPA 8260C	09/20/2023 09:00	09/20/2023 17:44	SMA
127-18-4	Tetrachloroethylene	ND	CCVE, ICVE, QL-02	ug/L	0.500	1	EPA 8260C	09/20/2023 09:00	09/20/2023 17:44	SMA
109-99-9	Tetrahydrofuran	ND		ug/L	4.00	1	EPA 8260C	09/20/2023 09:00	09/20/2023 17:44	SMA
108-88-3	Toluene	ND		ug/L	0.500	1	EPA 8260C	09/20/2023 09:00	09/20/2023 17:44	SMA
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.500	1	EPA 8260C	09/20/2023 09:00	09/20/2023 17:44	SMA
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.500	1	EPA 8260C	09/20/2023 09:00	09/20/2023 17:44	SMA
110-57-6	trans-1,4-dichloro-2-butene	ND		ug/L	0.500	1	EPA 8260C	09/20/2023 09:00	09/20/2023 17:44	SMA
79-01-6	Trichloroethylene	ND		ug/L	0.500	1	EPA 8260C	09/20/2023 09:00	09/20/2023 17:44	SMA
75-69-4	Trichlorofluoromethane	ND		ug/L	0.500	1	EPA 8260C	09/20/2023 09:00	09/20/2023 17:44	SMA
75-01-4	Vinyl Chloride	ND		ug/L	0.500	1	EPA 8260C	09/20/2023 09:00	09/20/2023 17:44	SMA

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: SURR: 1,2-Dichloroethane-d4*	*101 %*	*70-130*
2037-26-5	*Surrogate: SURR: Toluene-d8*	*99.9 %*	*70-130*

Sample Information

Client Sample ID: MW-4 **York Sample ID:** 23I1004-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23I1004	TE 23-007 Region 18	Ground Water	September 12, 2023 5:25 pm	09/15/2023

VOA, 8260 RCP LOW MASTER

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

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
460-00-4	*Surrogate: SURR: p-Bromofluorobenzene*	*102 %*			*70-130*					

Extractable Total Petroleum Hydrocarbons (ETPH)

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

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
CT ETPH	ETPH (Extractable Total Petroleum Hydrocarbons)	ND		mg/L	0.150	1	CT DEP ETPH	09/18/2023 16:27	09/19/2023 13:36	GXB
	Surrogate Recoveries	**Result**			**Acceptance Range**					
3386-33-2	*Surrogate: 1-Chlorooctadecane*	*91.0 %*			*30-140*					

Sample Information

Client Sample ID: MW-5 **York Sample ID:** 23I1004-05

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23I1004	TE 23-007 Region 18	Ground Water	September 13, 2023 11:05 am	09/15/2023

VOA, 8260 RCP LOW MASTER

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

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/L	0.500	1	EPA 8260C	09/20/2023 09:00	09/20/2023 18:13	SMA
71-55-6	1,1,1-Trichloroethane	ND		ug/L	0.500	1	EPA 8260C	09/20/2023 09:00	09/20/2023 18:13	SMA
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.500	1	EPA 8260C	09/20/2023 09:00	09/20/2023 18:13	SMA
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/L	0.500	1	EPA 8260C	09/20/2023 09:00	09/20/2023 18:13	SMA
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.500	1	EPA 8260C	09/20/2023 09:00	09/20/2023 18:13	SMA
75-34-3	1,1-Dichloroethane	ND		ug/L	0.500	1	EPA 8260C	09/20/2023 09:00	09/20/2023 18:13	SMA
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.500	1	EPA 8260C	09/20/2023 09:00	09/20/2023 18:13	SMA
563-58-6	1,1-Dichloropropylene	ND		ug/L	0.500	1	EPA 8260C	09/20/2023 09:00	09/20/2023 18:13	SMA
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	0.500	1	EPA 8260C	09/20/2023 09:00	09/20/2023 18:13	SMA
96-18-4	1,2,3-Trichloropropane	ND		ug/L	0.500	1	EPA 8260C	09/20/2023 09:00	09/20/2023 18:13	SMA
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.500	1	EPA 8260C	09/20/2023 09:00	09/20/2023 18:13	SMA
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	0.500	1	EPA 8260C	09/20/2023 09:00	09/20/2023 18:13	SMA
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.500	1	EPA 8260C	09/20/2023 09:00	09/20/2023 18:13	SMA
106-93-4	1,2-Dibromoethane	ND		ug/L	0.500	1	EPA 8260C	09/20/2023 09:00	09/20/2023 18:13	SMA
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.500	1	EPA 8260C	09/20/2023 09:00	09/20/2023 18:13	SMA

Sample Information

Client Sample ID: MW-5 **York Sample ID:** 23I1004-05

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23I1004	TE 23-007 Region 18	Ground Water	September 13, 2023 11:05 am	09/15/2023

VOA, 8260 RCP LOW MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
107-06-2	1,2-Dichloroethane	ND		ug/L	0.500	1	EPA 8260C	09/20/2023 09:00	09/20/2023 18:13	SMA
78-87-5	1,2-Dichloropropane	ND		ug/L	0.500	1	EPA 8260C	09/20/2023 09:00	09/20/2023 18:13	SMA
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	0.500	1	EPA 8260C	09/20/2023 09:00	09/20/2023 18:13	SMA
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.500	1	EPA 8260C	09/20/2023 09:00	09/20/2023 18:13	SMA
142-28-9	1,3-Dichloropropane	ND		ug/L	0.500	1	EPA 8260C	09/20/2023 09:00	09/20/2023 18:13	SMA
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.500	1	EPA 8260C	09/20/2023 09:00	09/20/2023 18:13	SMA
594-20-7	2,2-Dichloropropane	ND		ug/L	0.500	1	EPA 8260C	09/20/2023 09:00	09/20/2023 18:13	SMA
78-93-3	2-Butanone	ND	ICVE	ug/L	0.500	1	EPA 8260C	09/20/2023 09:00	09/20/2023 18:13	SMA
95-49-8	2-Chlorotoluene	ND		ug/L	0.500	1	EPA 8260C	09/20/2023 09:00	09/20/2023 18:13	SMA
591-78-6	2-Hexanone	ND		ug/L	0.500	1	EPA 8260C	09/20/2023 09:00	09/20/2023 18:13	SMA
106-43-4	4-Chlorotoluene	ND		ug/L	0.500	1	EPA 8260C	09/20/2023 09:00	09/20/2023 18:13	SMA
108-10-1	4-Methyl-2-pentanone	ND		ug/L	0.500	1	EPA 8260C	09/20/2023 09:00	09/20/2023 18:13	SMA
67-64-1	Acetone	ND		ug/L	2.00	1	EPA 8260C	09/20/2023 09:00	09/20/2023 18:13	SMA
107-13-1	Acrylonitrile	ND		ug/L	0.500	1	EPA 8260C	09/20/2023 09:00	09/20/2023 18:13	SMA
71-43-2	Benzene	ND		ug/L	0.500	1	EPA 8260C	09/20/2023 09:00	09/20/2023 18:13	SMA
108-86-1	Bromobenzene	ND		ug/L	0.500	1	EPA 8260C	09/20/2023 09:00	09/20/2023 18:13	SMA
74-97-5	Bromochloromethane	ND		ug/L	0.500	1	EPA 8260C	09/20/2023 09:00	09/20/2023 18:13	SMA
75-27-4	Bromodichloromethane	ND		ug/L	0.500	1	EPA 8260C	09/20/2023 09:00	09/20/2023 18:13	SMA
75-25-2	Bromoform	ND		ug/L	0.500	1	EPA 8260C	09/20/2023 09:00	09/20/2023 18:13	SMA
74-83-9	Bromomethane	ND	QL-02, CCVE	ug/L	0.500	1	EPA 8260C	09/20/2023 09:00	09/20/2023 18:13	SMA
75-15-0	Carbon disulfide	ND		ug/L	0.500	1	EPA 8260C	09/20/2023 09:00	09/20/2023 18:13	SMA
56-23-5	Carbon tetrachloride	ND		ug/L	0.500	1	EPA 8260C	09/20/2023 09:00	09/20/2023 18:13	SMA
108-90-7	Chlorobenzene	ND		ug/L	0.500	1	EPA 8260C	09/20/2023 09:00	09/20/2023 18:13	SMA
75-00-3	Chloroethane	ND		ug/L	0.500	1	EPA 8260C	09/20/2023 09:00	09/20/2023 18:13	SMA
67-66-3	Chloroform	ND		ug/L	0.500	1	EPA 8260C	09/20/2023 09:00	09/20/2023 18:13	SMA
74-87-3	Chloromethane	ND		ug/L	0.500	1	EPA 8260C	09/20/2023 09:00	09/20/2023 18:13	SMA
156-59-2	cis-1,2-Dichloroethylene	ND		ug/L	0.500	1	EPA 8260C	09/20/2023 09:00	09/20/2023 18:13	SMA
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.500	1	EPA 8260C	09/20/2023 09:00	09/20/2023 18:13	SMA
124-48-1	Dibromochloromethane	ND		ug/L	0.500	1	EPA 8260C	09/20/2023 09:00	09/20/2023 18:13	SMA
74-95-3	Dibromomethane	ND		ug/L	0.500	1	EPA 8260C	09/20/2023 09:00	09/20/2023 18:13	SMA
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.500	1	EPA 8260C	09/20/2023 09:00	09/20/2023 18:13	SMA
100-41-4	Ethyl Benzene	ND		ug/L	0.500	1	EPA 8260C	09/20/2023 09:00	09/20/2023 18:13	SMA
87-68-3	Hexachlorobutadiene	ND		ug/L	0.500	1	EPA 8260C	09/20/2023 09:00	09/20/2023 18:13	SMA
98-82-8	Isopropylbenzene	ND		ug/L	0.500	1	EPA 8260C	09/20/2023 09:00	09/20/2023 18:13	SMA
80-62-6	Methyl Methacrylate	ND		ug/L	0.500	1	EPA 8260C	09/20/2023 09:00	09/20/2023 18:13	SMA
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.500	1	EPA 8260C	09/20/2023 09:00	09/20/2023 18:13	SMA
75-09-2	Methylene chloride	ND		ug/L	2.00	1	EPA 8260C	09/20/2023 09:00	09/20/2023 18:13	SMA
91-20-3	Naphthalene	ND		ug/L	2.00	1	EPA 8260C	09/20/2023 09:00	09/20/2023 18:13	SMA

Sample Information

Client Sample ID: **MW-5** **York Sample ID:** **23I1004-05**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23I1004	TE 23-007 Region 18	Ground Water	September 13, 2023 11:05 am	09/15/2023

VOA, 8260 RCP LOW MASTER

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

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
104-51-8	n-Butylbenzene	ND		ug/L	0.500	1	EPA 8260C	09/20/2023 09:00	09/20/2023 18:13	SMA
103-65-1	n-Propylbenzene	ND		ug/L	0.500	1	EPA 8260C	09/20/2023 09:00	09/20/2023 18:13	SMA
95-47-6	o-Xylene	ND		ug/L	0.500	1	EPA 8260C	09/20/2023 09:00	09/20/2023 18:13	SMA
179601-23-1	p- & m- Xylenes	ND		ug/L	1.00	1	EPA 8260C	09/20/2023 09:00	09/20/2023 18:13	SMA
99-87-6	p-Isopropyltoluene	ND		ug/L	0.500	1	EPA 8260C	09/20/2023 09:00	09/20/2023 18:13	SMA
135-98-8	sec-Butylbenzene	ND		ug/L	0.500	1	EPA 8260C	09/20/2023 09:00	09/20/2023 18:13	SMA
100-42-5	Styrene	ND		ug/L	0.500	1	EPA 8260C	09/20/2023 09:00	09/20/2023 18:13	SMA
98-06-6	tert-Butylbenzene	ND		ug/L	0.500	1	EPA 8260C	09/20/2023 09:00	09/20/2023 18:13	SMA
127-18-4	Tetrachloroethylene	ND	CCVE, ICVE, QL-02	ug/L	0.500	1	EPA 8260C	09/20/2023 09:00	09/20/2023 18:13	SMA
109-99-9	Tetrahydrofuran	ND		ug/L	4.00	1	EPA 8260C	09/20/2023 09:00	09/20/2023 18:13	SMA
108-88-3	Toluene	ND		ug/L	0.500	1	EPA 8260C	09/20/2023 09:00	09/20/2023 18:13	SMA
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.500	1	EPA 8260C	09/20/2023 09:00	09/20/2023 18:13	SMA
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.500	1	EPA 8260C	09/20/2023 09:00	09/20/2023 18:13	SMA
110-57-6	trans-1,4-dichloro-2-butene	ND		ug/L	0.500	1	EPA 8260C	09/20/2023 09:00	09/20/2023 18:13	SMA
79-01-6	Trichloroethylene	ND		ug/L	0.500	1	EPA 8260C	09/20/2023 09:00	09/20/2023 18:13	SMA
75-69-4	Trichlorofluoromethane	ND		ug/L	0.500	1	EPA 8260C	09/20/2023 09:00	09/20/2023 18:13	SMA
75-01-4	Vinyl Chloride	ND		ug/L	0.500	1	EPA 8260C	09/20/2023 09:00	09/20/2023 18:13	SMA

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: SURR: 1,2-Dichloroethane-d4*	*98.2 %*	*70-130*
2037-26-5	*Surrogate: SURR: Toluene-d8*	*101 %*	*70-130*
460-00-4	*Surrogate: SURR: p-Bromofluorobenzene*	*102 %*	*70-130*

SVOA, 8270 LOW RCP MASTER

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

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
91-57-6	2-Methylnaphthalene	ND		ug/L	5.00	1	EPA 8270D	09/20/2023 08:12	09/21/2023 14:59	KH

	Surrogate Recoveries	Result	Acceptance Range
4165-60-0	*Surrogate: SURR: Nitrobenzene-d5*	*80.2 %*	*30-130*
321-60-8	*Surrogate: SURR: 2-Fluorobiphenyl*	*74.4 %*	*30-130*
1718-51-0	*Surrogate: SURR: Terphenyl-d14*	*58.4 %*	*30-130*

SVOA, 8270 SIM RCP MASTER

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

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
83-32-9	Acenaphthene	ND		ug/L	0.0500	1	EPA 8270D SIM	09/20/2023 08:12	09/20/2023 16:19	KH
208-96-8	Acenaphthylene	ND		ug/L	0.0500	1	EPA 8270D SIM	09/20/2023 08:12	09/20/2023 16:19	KH

Sample Information

Client Sample ID: **MW-5** **York Sample ID:** **23I1004-05**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23I1004	TE 23-007 Region 18	Ground Water	September 13, 2023 11:05 am	09/15/2023

SVOA, 8270 SIM RCP MASTER

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

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
120-12-7	Anthracene	ND		ug/L	0.0500	1	EPA 8270D SIM	09/20/2023 08:12	09/20/2023 16:19	KH
56-55-3	Benzo(a)anthracene	ND		ug/L	0.0500	1	EPA 8270D SIM	09/20/2023 08:12	09/20/2023 16:19	KH
50-32-8	Benzo(a)pyrene	ND		ug/L	0.0500	1	EPA 8270D SIM	09/20/2023 08:12	09/20/2023 16:19	KH
205-99-2	Benzo(b)fluoranthene	ND		ug/L	0.0500	1	EPA 8270D SIM	09/20/2023 08:12	09/20/2023 16:19	KH
191-24-2	Benzo(g,h,i)perylene	ND		ug/L	0.0500	1	EPA 8270D SIM	09/20/2023 08:12	09/20/2023 16:19	KH
207-08-9	Benzo(k)fluoranthene	ND		ug/L	0.0500	1	EPA 8270D SIM	09/20/2023 08:12	09/20/2023 16:19	KH
218-01-9	Chrysene	ND		ug/L	0.0500	1	EPA 8270D SIM	09/20/2023 08:12	09/20/2023 16:19	KH
53-70-3	Dibenzo(a,h)anthracene	ND		ug/L	0.0500	1	EPA 8270D SIM	09/20/2023 08:12	09/20/2023 16:19	KH
206-44-0	Fluoranthene	ND		ug/L	0.0500	1	EPA 8270D SIM	09/20/2023 08:12	09/20/2023 16:19	KH
86-73-7	Fluorene	ND		ug/L	0.0500	1	EPA 8270D SIM	09/20/2023 08:12	09/20/2023 16:19	KH
193-39-5	Indeno(1,2,3-cd)pyrene	ND		ug/L	0.0500	1	EPA 8270D SIM	09/20/2023 08:12	09/20/2023 16:19	KH
91-20-3	Naphthalene	ND		ug/L	0.0500	1	EPA 8270D SIM	09/20/2023 08:12	09/20/2023 16:19	KH
85-01-8	Phenanthrene	ND		ug/L	0.0500	1	EPA 8270D SIM	09/20/2023 08:12	09/20/2023 16:19	KH
129-00-0	Pyrene	ND		ug/L	0.0500	1	EPA 8270D SIM	09/20/2023 08:12	09/20/2023 16:19	KH

Extractable Total Petroleum Hydrocarbons (ETPH)

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

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
CT ETPH	ETPH (Extractable Total Petroleum Hydrocarbons)	ND		mg/L	0.150	1	CT DEP ETPH	09/18/2023 16:27	09/19/2023 14:14	GXB
	Surrogate Recoveries	**Result**			**Acceptance Range**					
3386-33-2	*Surrogate: 1-Chlorooctadecane*	*80.9 %*			*30-140*					

Sample Information

Client Sample ID: **MW-6** **York Sample ID:** **23I1004-06**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23I1004	TE 23-007 Region 18	Ground Water	September 13, 2023 11:50 am	09/15/2023

VOA, 8260 RCP LOW MASTER

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

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/L	0.500	1	EPA 8260C	09/20/2023 09:00	09/20/2023 18:41	SMA
71-55-6	1,1,1-Trichloroethane	ND		ug/L	0.500	1	EPA 8260C	09/20/2023 09:00	09/20/2023 18:41	SMA
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.500	1	EPA 8260C	09/20/2023 09:00	09/20/2023 18:41	SMA

Sample Information

Client Sample ID: **MW-6** **York Sample ID:** **23I1004-06**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23I1004	TE 23-007 Region 18	Ground Water	September 13, 2023 11:50 am	09/15/2023

VOA, 8260 RCP LOW MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	RL	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	0.500	1	EPA 8260C	09/20/2023 09:00	09/20/2023 18:41	SMA
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.500	1	EPA 8260C	09/20/2023 09:00	09/20/2023 18:41	SMA
75-34-3	1,1-Dichloroethane	ND		ug/L	0.500	1	EPA 8260C	09/20/2023 09:00	09/20/2023 18:41	SMA
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.500	1	EPA 8260C	09/20/2023 09:00	09/20/2023 18:41	SMA
563-58-6	1,1-Dichloropropylene	ND		ug/L	0.500	1	EPA 8260C	09/20/2023 09:00	09/20/2023 18:41	SMA
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	0.500	1	EPA 8260C	09/20/2023 09:00	09/20/2023 18:41	SMA
96-18-4	1,2,3-Trichloropropane	ND		ug/L	0.500	1	EPA 8260C	09/20/2023 09:00	09/20/2023 18:41	SMA
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.500	1	EPA 8260C	09/20/2023 09:00	09/20/2023 18:41	SMA
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	0.500	1	EPA 8260C	09/20/2023 09:00	09/20/2023 18:41	SMA
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.500	1	EPA 8260C	09/20/2023 09:00	09/20/2023 18:41	SMA
106-93-4	1,2-Dibromoethane	ND		ug/L	0.500	1	EPA 8260C	09/20/2023 09:00	09/20/2023 18:41	SMA
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.500	1	EPA 8260C	09/20/2023 09:00	09/20/2023 18:41	SMA
107-06-2	1,2-Dichloroethane	ND		ug/L	0.500	1	EPA 8260C	09/20/2023 09:00	09/20/2023 18:41	SMA
78-87-5	1,2-Dichloropropane	ND		ug/L	0.500	1	EPA 8260C	09/20/2023 09:00	09/20/2023 18:41	SMA
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	0.500	1	EPA 8260C	09/20/2023 09:00	09/20/2023 18:41	SMA
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.500	1	EPA 8260C	09/20/2023 09:00	09/20/2023 18:41	SMA
142-28-9	1,3-Dichloropropane	ND		ug/L	0.500	1	EPA 8260C	09/20/2023 09:00	09/20/2023 18:41	SMA
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.500	1	EPA 8260C	09/20/2023 09:00	09/20/2023 18:41	SMA
594-20-7	2,2-Dichloropropane	ND		ug/L	0.500	1	EPA 8260C	09/20/2023 09:00	09/20/2023 18:41	SMA
78-93-3	2-Butanone	ND	ICVE	ug/L	0.500	1	EPA 8260C	09/20/2023 09:00	09/20/2023 18:41	SMA
95-49-8	2-Chlorotoluene	ND		ug/L	0.500	1	EPA 8260C	09/20/2023 09:00	09/20/2023 18:41	SMA
591-78-6	2-Hexanone	ND		ug/L	0.500	1	EPA 8260C	09/20/2023 09:00	09/20/2023 18:41	SMA
106-43-4	4-Chlorotoluene	ND		ug/L	0.500	1	EPA 8260C	09/20/2023 09:00	09/20/2023 18:41	SMA
108-10-1	4-Methyl-2-pentanone	ND		ug/L	0.500	1	EPA 8260C	09/20/2023 09:00	09/20/2023 18:41	SMA
67-64-1	Acetone	ND		ug/L	2.00	1	EPA 8260C	09/20/2023 09:00	09/20/2023 18:41	SMA
107-13-1	Acrylonitrile	ND		ug/L	0.500	1	EPA 8260C	09/20/2023 09:00	09/20/2023 18:41	SMA
71-43-2	Benzene	ND		ug/L	0.500	1	EPA 8260C	09/20/2023 09:00	09/20/2023 18:41	SMA
108-86-1	Bromobenzene	ND		ug/L	0.500	1	EPA 8260C	09/20/2023 09:00	09/20/2023 18:41	SMA
74-97-5	Bromochloromethane	ND		ug/L	0.500	1	EPA 8260C	09/20/2023 09:00	09/20/2023 18:41	SMA
75-27-4	Bromodichloromethane	ND		ug/L	0.500	1	EPA 8260C	09/20/2023 09:00	09/20/2023 18:41	SMA
75-25-2	Bromoform	ND		ug/L	0.500	1	EPA 8260C	09/20/2023 09:00	09/20/2023 18:41	SMA
74-83-9	Bromomethane	ND	CCVE, QL-02	ug/L	0.500	1	EPA 8260C	09/20/2023 09:00	09/20/2023 18:41	SMA
75-15-0	Carbon disulfide	ND		ug/L	0.500	1	EPA 8260C	09/20/2023 09:00	09/20/2023 18:41	SMA
56-23-5	Carbon tetrachloride	ND		ug/L	0.500	1	EPA 8260C	09/20/2023 09:00	09/20/2023 18:41	SMA
108-90-7	Chlorobenzene	ND		ug/L	0.500	1	EPA 8260C	09/20/2023 09:00	09/20/2023 18:41	SMA
75-00-3	Chloroethane	ND		ug/L	0.500	1	EPA 8260C	09/20/2023 09:00	09/20/2023 18:41	SMA
67-66-3	Chloroform	ND		ug/L	0.500	1	EPA 8260C	09/20/2023 09:00	09/20/2023 18:41	SMA

Sample Information

Client Sample ID: MW-6 **York Sample ID:** 23I1004-06

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23I1004	TE 23-007 Region 18	Ground Water	September 13, 2023 11:50 am	09/15/2023

VOA, 8260 RCP LOW MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
74-87-3	Chloromethane	ND		ug/L	0.500	1	EPA 8260C	09/20/2023 09:00	09/20/2023 18:41	SMA
156-59-2	cis-1,2-Dichloroethylene	ND		ug/L	0.500	1	EPA 8260C	09/20/2023 09:00	09/20/2023 18:41	SMA
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.500	1	EPA 8260C	09/20/2023 09:00	09/20/2023 18:41	SMA
124-48-1	Dibromochloromethane	ND		ug/L	0.500	1	EPA 8260C	09/20/2023 09:00	09/20/2023 18:41	SMA
74-95-3	Dibromomethane	ND		ug/L	0.500	1	EPA 8260C	09/20/2023 09:00	09/20/2023 18:41	SMA
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.500	1	EPA 8260C	09/20/2023 09:00	09/20/2023 18:41	SMA
100-41-4	Ethyl Benzene	ND		ug/L	0.500	1	EPA 8260C	09/20/2023 09:00	09/20/2023 18:41	SMA
87-68-3	Hexachlorobutadiene	ND		ug/L	0.500	1	EPA 8260C	09/20/2023 09:00	09/20/2023 18:41	SMA
98-82-8	Isopropylbenzene	ND		ug/L	0.500	1	EPA 8260C	09/20/2023 09:00	09/20/2023 18:41	SMA
80-62-6	Methyl Methacrylate	ND		ug/L	0.500	1	EPA 8260C	09/20/2023 09:00	09/20/2023 18:41	SMA
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.500	1	EPA 8260C	09/20/2023 09:00	09/20/2023 18:41	SMA
75-09-2	Methylene chloride	ND		ug/L	2.00	1	EPA 8260C	09/20/2023 09:00	09/20/2023 18:41	SMA
91-20-3	Naphthalene	ND		ug/L	2.00	1	EPA 8260C	09/20/2023 09:00	09/20/2023 18:41	SMA
104-51-8	n-Butylbenzene	ND		ug/L	0.500	1	EPA 8260C	09/20/2023 09:00	09/20/2023 18:41	SMA
103-65-1	n-Propylbenzene	ND		ug/L	0.500	1	EPA 8260C	09/20/2023 09:00	09/20/2023 18:41	SMA
95-47-6	o-Xylene	ND		ug/L	0.500	1	EPA 8260C	09/20/2023 09:00	09/20/2023 18:41	SMA
179601-23-1	p- & m- Xylenes	ND		ug/L	1.00	1	EPA 8260C	09/20/2023 09:00	09/20/2023 18:41	SMA
99-87-6	p-Isopropyltoluene	ND		ug/L	0.500	1	EPA 8260C	09/20/2023 09:00	09/20/2023 18:41	SMA
135-98-8	sec-Butylbenzene	ND		ug/L	0.500	1	EPA 8260C	09/20/2023 09:00	09/20/2023 18:41	SMA
100-42-5	Styrene	ND		ug/L	0.500	1	EPA 8260C	09/20/2023 09:00	09/20/2023 18:41	SMA
98-06-6	tert-Butylbenzene	ND		ug/L	0.500	1	EPA 8260C	09/20/2023 09:00	09/20/2023 18:41	SMA
127-18-4	Tetrachloroethylene	ND	CCVE, ICVE, QL-02	ug/L	0.500	1	EPA 8260C	09/20/2023 09:00	09/20/2023 18:41	SMA
109-99-9	Tetrahydrofuran	ND		ug/L	4.00	1	EPA 8260C	09/20/2023 09:00	09/20/2023 18:41	SMA
108-88-3	Toluene	ND		ug/L	0.500	1	EPA 8260C	09/20/2023 09:00	09/20/2023 18:41	SMA
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.500	1	EPA 8260C	09/20/2023 09:00	09/20/2023 18:41	SMA
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.500	1	EPA 8260C	09/20/2023 09:00	09/20/2023 18:41	SMA
110-57-6	trans-1,4-dichloro-2-butene	ND		ug/L	0.500	1	EPA 8260C	09/20/2023 09:00	09/20/2023 18:41	SMA
79-01-6	Trichloroethylene	ND		ug/L	0.500	1	EPA 8260C	09/20/2023 09:00	09/20/2023 18:41	SMA
75-69-4	Trichlorofluoromethane	ND		ug/L	0.500	1	EPA 8260C	09/20/2023 09:00	09/20/2023 18:41	SMA
75-01-4	Vinyl Chloride	ND		ug/L	0.500	1	EPA 8260C	09/20/2023 09:00	09/20/2023 18:41	SMA

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: SURR: 1,2-Dichloroethane-d4*	*101 %*	*70-130*
2037-26-5	*Surrogate: SURR: Toluene-d8*	*100 %*	*70-130*
460-00-4	*Surrogate: SURR: p-Bromofluorobenzene*	*101 %*	*70-130*

Sample Information

Client Sample ID: MW-6 **York Sample ID:** 23I1004-06

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23I1004	TE 23-007 Region 18	Ground Water	September 13, 2023 11:50 am	09/15/2023

SVOA, 8270 LOW RCP MASTER

Log-in Notes: **Sample Notes:** EXT-EM

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
91-57-6	2-Methylnaphthalene	ND		ug/L	5.00	1	EPA 8270D	09/20/2023 08:12	09/21/2023 15:34	KH
	Surrogate Recoveries	**Result**			**Acceptance Range**					
4165-60-0	*Surrogate: SURR: Nitrobenzene-d5*	*67.7 %*			*30-130*					
321-60-8	*Surrogate: SURR: 2-Fluorobiphenyl*	*64.9 %*			*30-130*					
1718-51-0	*Surrogate: SURR: Terphenyl-d14*	*60.4 %*			*30-130*					

SVOA, 8270 SIM RCP MASTER

Log-in Notes: **Sample Notes:** EXT-EM

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
83-32-9	Acenaphthene	ND		ug/L	0.0500	1	EPA 8270D SIM	09/20/2023 08:12	09/20/2023 16:50	KH
208-96-8	Acenaphthylene	ND		ug/L	0.0500	1	EPA 8270D SIM	09/20/2023 08:12	09/20/2023 16:50	KH
120-12-7	Anthracene	ND		ug/L	0.0500	1	EPA 8270D SIM	09/20/2023 08:12	09/20/2023 16:50	KH
56-55-3	Benzo(a)anthracene	ND		ug/L	0.0500	1	EPA 8270D SIM	09/20/2023 08:12	09/20/2023 16:50	KH
50-32-8	Benzo(a)pyrene	ND		ug/L	0.0500	1	EPA 8270D SIM	09/20/2023 08:12	09/20/2023 16:50	KH
205-99-2	Benzo(b)fluoranthene	ND		ug/L	0.0500	1	EPA 8270D SIM	09/20/2023 08:12	09/20/2023 16:50	KH
191-24-2	Benzo(g,h,i)perylene	ND		ug/L	0.0500	1	EPA 8270D SIM	09/20/2023 08:12	09/20/2023 16:50	KH
207-08-9	Benzo(k)fluoranthene	ND		ug/L	0.0500	1	EPA 8270D SIM	09/20/2023 08:12	09/20/2023 16:50	KH
218-01-9	Chrysene	ND		ug/L	0.0500	1	EPA 8270D SIM	09/20/2023 08:12	09/20/2023 16:50	KH
53-70-3	Dibenzo(a,h)anthracene	ND		ug/L	0.0500	1	EPA 8270D SIM	09/20/2023 08:12	09/20/2023 16:50	KH
206-44-0	Fluoranthene	ND		ug/L	0.0500	1	EPA 8270D SIM	09/20/2023 08:12	09/20/2023 16:50	KH
86-73-7	Fluorene	ND		ug/L	0.0500	1	EPA 8270D SIM	09/20/2023 08:12	09/20/2023 16:50	KH
193-39-5	Indeno(1,2,3-cd)pyrene	ND		ug/L	0.0500	1	EPA 8270D SIM	09/20/2023 08:12	09/20/2023 16:50	KH
91-20-3	Naphthalene	ND		ug/L	0.0500	1	EPA 8270D SIM	09/20/2023 08:12	09/20/2023 16:50	KH
85-01-8	Phenanthrene	ND		ug/L	0.0500	1	EPA 8270D SIM	09/20/2023 08:12	09/20/2023 16:50	KH
129-00-0	Pyrene	ND		ug/L	0.0500	1	EPA 8270D SIM	09/20/2023 08:12	09/20/2023 16:50	KH

Extractable Total Petroleum Hydrocarbons (ETPH)

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

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
CT ETPH	ETPH (Extractable Total Petroleum Hydrocarbons)	ND		mg/L	0.150	1	CT DEP ETPH	09/18/2023 16:27	09/19/2023 14:52	GXB
	Surrogate Recoveries	**Result**			**Acceptance Range**					
3386-33-2	*Surrogate: 1-Chlorooctadecane*	*74.1 %*			*30-140*					

Sample Information

Client Sample ID: **MW-7R** **York Sample ID:** **23I1004-07**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23I1004	TE 23-007 Region 18	Ground Water	September 13, 2023 2:50 pm	09/15/2023

VOA, 8260 RCP LOW MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/L	1.00	2	EPA 8260C	09/21/2023 09:00	09/21/2023 14:36	SMA
71-55-6	1,1,1-Trichloroethane	ND		ug/L	1.00	2	EPA 8260C	09/21/2023 09:00	09/21/2023 14:36	SMA
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	1.00	2	EPA 8260C	09/21/2023 09:00	09/21/2023 14:36	SMA
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/L	1.00	2	EPA 8260C	09/21/2023 09:00	09/21/2023 14:36	SMA
79-00-5	1,1,2-Trichloroethane	ND		ug/L	1.00	2	EPA 8260C	09/21/2023 09:00	09/21/2023 14:36	SMA
75-34-3	1,1-Dichloroethane	ND		ug/L	1.00	2	EPA 8260C	09/21/2023 09:00	09/21/2023 14:36	SMA
75-35-4	1,1-Dichloroethylene	ND		ug/L	1.00	2	EPA 8260C	09/21/2023 09:00	09/21/2023 14:36	SMA
563-58-6	1,1-Dichloropropylene	ND		ug/L	1.00	2	EPA 8260C	09/21/2023 09:00	09/21/2023 14:36	SMA
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	1.00	2	EPA 8260C	09/21/2023 09:00	09/21/2023 14:36	SMA
96-18-4	1,2,3-Trichloropropane	ND		ug/L	1.00	2	EPA 8260C	09/21/2023 09:00	09/21/2023 14:36	SMA
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	1.00	2	EPA 8260C	09/21/2023 09:00	09/21/2023 14:36	SMA
95-63-6	**1,2,4-Trimethylbenzene**	**103**		ug/L	1.00	2	EPA 8260C	09/21/2023 09:00	09/21/2023 14:36	SMA
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	1.00	2	EPA 8260C	09/21/2023 09:00	09/21/2023 14:36	SMA
106-93-4	1,2-Dibromoethane	ND		ug/L	1.00	2	EPA 8260C	09/21/2023 09:00	09/21/2023 14:36	SMA
95-50-1	1,2-Dichlorobenzene	ND		ug/L	1.00	2	EPA 8260C	09/21/2023 09:00	09/21/2023 14:36	SMA
107-06-2	1,2-Dichloroethane	ND		ug/L	1.00	2	EPA 8260C	09/21/2023 09:00	09/21/2023 14:36	SMA
78-87-5	1,2-Dichloropropane	ND		ug/L	1.00	2	EPA 8260C	09/21/2023 09:00	09/21/2023 14:36	SMA
108-67-8	**1,3,5-Trimethylbenzene**	**9.52**		ug/L	1.00	2	EPA 8260C	09/21/2023 09:00	09/21/2023 14:36	SMA
541-73-1	1,3-Dichlorobenzene	ND		ug/L	1.00	2	EPA 8260C	09/21/2023 09:00	09/21/2023 14:36	SMA
142-28-9	1,3-Dichloropropane	ND		ug/L	1.00	2	EPA 8260C	09/21/2023 09:00	09/21/2023 14:36	SMA
106-46-7	1,4-Dichlorobenzene	ND		ug/L	1.00	2	EPA 8260C	09/21/2023 09:00	09/21/2023 14:36	SMA
594-20-7	2,2-Dichloropropane	ND		ug/L	1.00	2	EPA 8260C	09/21/2023 09:00	09/21/2023 14:36	SMA
78-93-3	**2-Butanone**	**436**	ICVE	ug/L	25.0	50	EPA 8260C	09/22/2023 09:00	09/22/2023 11:46	SMA
95-49-8	2-Chlorotoluene	ND		ug/L	1.00	2	EPA 8260C	09/21/2023 09:00	09/21/2023 14:36	SMA
591-78-6	**2-Hexanone**	**1.46**		ug/L	1.00	2	EPA 8260C	09/21/2023 09:00	09/21/2023 14:36	SMA
106-43-4	4-Chlorotoluene	ND		ug/L	1.00	2	EPA 8260C	09/21/2023 09:00	09/21/2023 14:36	SMA
108-10-1	4-Methyl-2-pentanone	ND		ug/L	1.00	2	EPA 8260C	09/21/2023 09:00	09/21/2023 14:36	SMA
67-64-1	**Acetone**	**1890**	ICVE, QL-02	ug/L	100	50	EPA 8260C	09/22/2023 09:00	09/22/2023 11:46	SMA
107-13-1	Acrylonitrile	ND		ug/L	1.00	2	EPA 8260C	09/21/2023 09:00	09/21/2023 14:36	SMA
71-43-2	**Benzene**	**11.2**		ug/L	1.00	2	EPA 8260C	09/21/2023 09:00	09/21/2023 14:36	SMA
108-86-1	Bromobenzene	ND		ug/L	1.00	2	EPA 8260C	09/21/2023 09:00	09/21/2023 14:36	SMA
74-97-5	Bromochloromethane	ND		ug/L	1.00	2	EPA 8260C	09/21/2023 09:00	09/21/2023 14:36	SMA
75-27-4	Bromodichloromethane	ND		ug/L	1.00	2	EPA 8260C	09/21/2023 09:00	09/21/2023 14:36	SMA
75-25-2	Bromoform	ND		ug/L	1.00	2	EPA 8260C	09/21/2023 09:00	09/21/2023 14:36	SMA
74-83-9	Bromomethane	ND	CCVE, QL-02	ug/L	1.00	2	EPA 8260C	09/21/2023 09:00	09/21/2023 14:36	SMA
75-15-0	Carbon disulfide	ND		ug/L	1.00	2	EPA 8260C	09/21/2023 09:00	09/21/2023 14:36	SMA

Sample Information

Client Sample ID: **MW-7R** **York Sample ID:** **23I1004-07**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23I1004	TE 23-007 Region 18	Ground Water	September 13, 2023 2:50 pm	09/15/2023

VOA, 8260 RCP LOW MASTER

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

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
56-23-5	Carbon tetrachloride	ND		ug/L	1.00	2	EPA 8260C	09/21/2023 09:00	09/21/2023 14:36	SMA
108-90-7	Chlorobenzene	ND		ug/L	1.00	2	EPA 8260C	09/21/2023 09:00	09/21/2023 14:36	SMA
75-00-3	Chloroethane	ND		ug/L	1.00	2	EPA 8260C	09/21/2023 09:00	09/21/2023 14:36	SMA
67-66-3	Chloroform	ND		ug/L	1.00	2	EPA 8260C	09/21/2023 09:00	09/21/2023 14:36	SMA
74-87-3	Chloromethane	ND		ug/L	1.00	2	EPA 8260C	09/21/2023 09:00	09/21/2023 14:36	SMA
156-59-2	cis-1,2-Dichloroethylene	ND		ug/L	1.00	2	EPA 8260C	09/21/2023 09:00	09/21/2023 14:36	SMA
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	1.00	2	EPA 8260C	09/21/2023 09:00	09/21/2023 14:36	SMA
124-48-1	Dibromochloromethane	ND		ug/L	1.00	2	EPA 8260C	09/21/2023 09:00	09/21/2023 14:36	SMA
74-95-3	Dibromomethane	ND		ug/L	1.00	2	EPA 8260C	09/21/2023 09:00	09/21/2023 14:36	SMA
75-71-8	Dichlorodifluoromethane	ND		ug/L	1.00	2	EPA 8260C	09/21/2023 09:00	09/21/2023 14:36	SMA
100-41-4	**Ethyl Benzene**	**38.5**		ug/L	1.00	2	EPA 8260C	09/21/2023 09:00	09/21/2023 14:36	SMA
87-68-3	Hexachlorobutadiene	ND		ug/L	1.00	2	EPA 8260C	09/21/2023 09:00	09/21/2023 14:36	SMA
98-82-8	**Isopropylbenzene**	**6.88**		ug/L	1.00	2	EPA 8260C	09/21/2023 09:00	09/21/2023 14:36	SMA
80-62-6	Methyl Methacrylate	ND		ug/L	1.00	2	EPA 8260C	09/21/2023 09:00	09/21/2023 14:36	SMA
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	1.00	2	EPA 8260C	09/21/2023 09:00	09/21/2023 14:36	SMA
75-09-2	Methylene chloride	ND		ug/L	4.00	2	EPA 8260C	09/21/2023 09:00	09/21/2023 14:36	SMA
91-20-3	**Naphthalene**	**7.12**		ug/L	4.00	2	EPA 8260C	09/21/2023 09:00	09/21/2023 14:36	SMA
104-51-8	n-Butylbenzene	ND		ug/L	1.00	2	EPA 8260C	09/21/2023 09:00	09/21/2023 14:36	SMA
103-65-1	**n-Propylbenzene**	**9.44**		ug/L	1.00	2	EPA 8260C	09/21/2023 09:00	09/21/2023 14:36	SMA
95-47-6	**o-Xylene**	**24.8**		ug/L	1.00	2	EPA 8260C	09/21/2023 09:00	09/21/2023 14:36	SMA
179601-23-1	**p- & m- Xylenes**	**81.6**		ug/L	2.00	2	EPA 8260C	09/21/2023 09:00	09/21/2023 14:36	SMA
99-87-6	**p-Isopropyltoluene**	**1.08**		ug/L	1.00	2	EPA 8260C	09/21/2023 09:00	09/21/2023 14:36	SMA
135-98-8	**sec-Butylbenzene**	**2.34**		ug/L	1.00	2	EPA 8260C	09/21/2023 09:00	09/21/2023 14:36	SMA
100-42-5	Styrene	ND		ug/L	1.00	2	EPA 8260C	09/21/2023 09:00	09/21/2023 14:36	SMA
98-06-6	tert-Butylbenzene	ND		ug/L	1.00	2	EPA 8260C	09/21/2023 09:00	09/21/2023 14:36	SMA
127-18-4	Tetrachloroethylene	ND	CCVE, ICVE, QL-02	ug/L	1.00	2	EPA 8260C	09/21/2023 09:00	09/21/2023 14:36	SMA
109-99-9	Tetrahydrofuran	ND		ug/L	8.00	2	EPA 8260C	09/21/2023 09:00	09/21/2023 14:36	SMA
108-88-3	**Toluene**	**14.8**		ug/L	1.00	2	EPA 8260C	09/21/2023 09:00	09/21/2023 14:36	SMA
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	1.00	2	EPA 8260C	09/21/2023 09:00	09/21/2023 14:36	SMA
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	1.00	2	EPA 8260C	09/21/2023 09:00	09/21/2023 14:36	SMA
110-57-6	trans-1,4-dichloro-2-butene	ND		ug/L	1.00	2	EPA 8260C	09/21/2023 09:00	09/21/2023 14:36	SMA
79-01-6	Trichloroethylene	ND		ug/L	1.00	2	EPA 8260C	09/21/2023 09:00	09/21/2023 14:36	SMA
75-69-4	Trichlorofluoromethane	ND		ug/L	1.00	2	EPA 8260C	09/21/2023 09:00	09/21/2023 14:36	SMA
75-01-4	Vinyl Chloride	ND		ug/L	1.00	2	EPA 8260C	09/21/2023 09:00	09/21/2023 14:36	SMA

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: SURR: 1,2-Dichloroethane-d4*	*101 %*	*70-130*
2037-26-5	*Surrogate: SURR: Toluene-d8*	*99.2 %*	*70-130*
460-00-4	*Surrogate: SURR: p-Bromofluorobenzene*	*96.3 %*	*70-130*

Sample Information

Client Sample ID: **MW-7R** **York Sample ID:** **23I1004-07**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23I1004	TE 23-007 Region 18	Ground Water	September 13, 2023 2:50 pm	09/15/2023

SVOA, 8270 LOW RCP MASTER

Log-in Notes: **Sample Notes:** EXT-EM

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
91-57-6	2-Methylnaphthalene	ND		ug/L	5.00	1	EPA 8270D	09/20/2023 08:12	09/21/2023 16:09	KH
	Surrogate Recoveries	**Result**			**Acceptance Range**					
4165-60-0	*Surrogate: SURR: Nitrobenzene-d5*	*51.9 %*			*30-130*					
321-60-8	*Surrogate: SURR: 2-Fluorobiphenyl*	*53.9 %*			*30-130*					
1718-51-0	*Surrogate: SURR: Terphenyl-d14*	*47.6 %*			*30-130*					

SVOA, 8270 SIM RCP MASTER

Log-in Notes: **Sample Notes:** EXT-EM

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
83-32-9	**Acenaphthene**	**0.190**		ug/L	0.0500	1	EPA 8270D SIM	09/20/2023 08:12	09/20/2023 17:20	KH
208-96-8	Acenaphthylene	ND		ug/L	0.0500	1	EPA 8270D SIM	09/20/2023 08:12	09/20/2023 17:20	KH
120-12-7	Anthracene	ND		ug/L	0.0500	1	EPA 8270D SIM	09/20/2023 08:12	09/20/2023 17:20	KH
56-55-3	Benzo(a)anthracene	ND		ug/L	0.0500	1	EPA 8270D SIM	09/20/2023 08:12	09/20/2023 17:20	KH
50-32-8	Benzo(a)pyrene	ND		ug/L	0.0500	1	EPA 8270D SIM	09/20/2023 08:12	09/20/2023 17:20	KH
205-99-2	Benzo(b)fluoranthene	ND		ug/L	0.0500	1	EPA 8270D SIM	09/20/2023 08:12	09/20/2023 17:20	KH
191-24-2	Benzo(g,h,i)perylene	ND		ug/L	0.0500	1	EPA 8270D SIM	09/20/2023 08:12	09/20/2023 17:20	KH
207-08-9	Benzo(k)fluoranthene	ND		ug/L	0.0500	1	EPA 8270D SIM	09/20/2023 08:12	09/20/2023 17:20	KH
218-01-9	Chrysene	ND		ug/L	0.0500	1	EPA 8270D SIM	09/20/2023 08:12	09/20/2023 17:20	KH
53-70-3	Dibenzo(a,h)anthracene	ND		ug/L	0.0500	1	EPA 8270D SIM	09/20/2023 08:12	09/20/2023 17:20	KH
206-44-0	Fluoranthene	ND		ug/L	0.0500	1	EPA 8270D SIM	09/20/2023 08:12	09/20/2023 17:20	KH
86-73-7	**Fluorene**	**0.320**	B	ug/L	0.0500	1	EPA 8270D SIM	09/20/2023 08:12	09/20/2023 17:20	KH
193-39-5	Indeno(1,2,3-cd)pyrene	ND		ug/L	0.0500	1	EPA 8270D SIM	09/20/2023 08:12	09/20/2023 17:20	KH
91-20-3	**Naphthalene**	**3.60**		ug/L	0.0500	1	EPA 8270D SIM	09/20/2023 08:12	09/20/2023 17:20	KH
85-01-8	**Phenanthrene**	**0.140**		ug/L	0.0500	1	EPA 8270D SIM	09/20/2023 08:12	09/20/2023 17:20	KH
129-00-0	Pyrene	ND		ug/L	0.0500	1	EPA 8270D SIM	09/20/2023 08:12	09/20/2023 17:20	KH

Extractable Total Petroleum Hydrocarbons (ETPH)

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

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
CT ETPH	**ETPH (Extractable Total Petroleum Hydrocarbons)**	**1.50**		mg/L	0.150	1	CT DEP ETPH	09/18/2023 16:27	09/19/2023 15:31	GXB
	Surrogate Recoveries	**Result**			**Acceptance Range**					
3386-33-2	*Surrogate: 1-Chlorooctadecane*	*78.3 %*			*30-140*					

Sample Information

Client Sample ID: **MW-7D** **York Sample ID:** **23I1004-08**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23I1004	TE 23-007 Region 18	Ground Water	September 13, 2023 1:35 pm	09/15/2023

VOA, 8260 RCP LOW MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/L	0.500	1	EPA 8260C	09/21/2023 09:00	09/21/2023 15:04	SMA
71-55-6	1,1,1-Trichloroethane	ND		ug/L	0.500	1	EPA 8260C	09/21/2023 09:00	09/21/2023 15:04	SMA
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.500	1	EPA 8260C	09/21/2023 09:00	09/21/2023 15:04	SMA
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/L	0.500	1	EPA 8260C	09/21/2023 09:00	09/21/2023 15:04	SMA
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.500	1	EPA 8260C	09/21/2023 09:00	09/21/2023 15:04	SMA
75-34-3	1,1-Dichloroethane	ND		ug/L	0.500	1	EPA 8260C	09/21/2023 09:00	09/21/2023 15:04	SMA
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.500	1	EPA 8260C	09/21/2023 09:00	09/21/2023 15:04	SMA
563-58-6	1,1-Dichloropropylene	ND		ug/L	0.500	1	EPA 8260C	09/21/2023 09:00	09/21/2023 15:04	SMA
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	0.500	1	EPA 8260C	09/21/2023 09:00	09/21/2023 15:04	SMA
96-18-4	1,2,3-Trichloropropane	ND		ug/L	0.500	1	EPA 8260C	09/21/2023 09:00	09/21/2023 15:04	SMA
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.500	1	EPA 8260C	09/21/2023 09:00	09/21/2023 15:04	SMA
95-63-6	**1,2,4-Trimethylbenzene**	**23.4**		ug/L	0.500	1	EPA 8260C	09/21/2023 09:00	09/21/2023 15:04	SMA
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.500	1	EPA 8260C	09/21/2023 09:00	09/21/2023 15:04	SMA
106-93-4	1,2-Dibromoethane	ND		ug/L	0.500	1	EPA 8260C	09/21/2023 09:00	09/21/2023 15:04	SMA
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.500	1	EPA 8260C	09/21/2023 09:00	09/21/2023 15:04	SMA
107-06-2	1,2-Dichloroethane	ND		ug/L	0.500	1	EPA 8260C	09/21/2023 09:00	09/21/2023 15:04	SMA
78-87-5	1,2-Dichloropropane	ND		ug/L	0.500	1	EPA 8260C	09/21/2023 09:00	09/21/2023 15:04	SMA
108-67-8	**1,3,5-Trimethylbenzene**	**2.53**		ug/L	0.500	1	EPA 8260C	09/21/2023 09:00	09/21/2023 15:04	SMA
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.500	1	EPA 8260C	09/21/2023 09:00	09/21/2023 15:04	SMA
142-28-9	1,3-Dichloropropane	ND		ug/L	0.500	1	EPA 8260C	09/21/2023 09:00	09/21/2023 15:04	SMA
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.500	1	EPA 8260C	09/21/2023 09:00	09/21/2023 15:04	SMA
594-20-7	2,2-Dichloropropane	ND		ug/L	0.500	1	EPA 8260C	09/21/2023 09:00	09/21/2023 15:04	SMA
78-93-3	**2-Butanone**	**205**	ICVE	ug/L	12.5	25	EPA 8260C	09/22/2023 09:00	09/22/2023 12:15	SMA
95-49-8	2-Chlorotoluene	ND		ug/L	0.500	1	EPA 8260C	09/21/2023 09:00	09/21/2023 15:04	SMA
591-78-6	**2-Hexanone**	**0.780**		ug/L	0.500	1	EPA 8260C	09/21/2023 09:00	09/21/2023 15:04	SMA
106-43-4	4-Chlorotoluene	ND		ug/L	0.500	1	EPA 8260C	09/21/2023 09:00	09/21/2023 15:04	SMA
108-10-1	4-Methyl-2-pentanone	ND		ug/L	0.500	1	EPA 8260C	09/21/2023 09:00	09/21/2023 15:04	SMA
67-64-1	**Acetone**	**792**	ICVE, QL-02	ug/L	50.0	25	EPA 8260C	09/22/2023 09:00	09/22/2023 12:15	SMA
107-13-1	Acrylonitrile	ND		ug/L	0.500	1	EPA 8260C	09/21/2023 09:00	09/21/2023 15:04	SMA
71-43-2	**Benzene**	**3.98**		ug/L	0.500	1	EPA 8260C	09/21/2023 09:00	09/21/2023 15:04	SMA
108-86-1	Bromobenzene	ND		ug/L	0.500	1	EPA 8260C	09/21/2023 09:00	09/21/2023 15:04	SMA
74-97-5	Bromochloromethane	ND		ug/L	0.500	1	EPA 8260C	09/21/2023 09:00	09/21/2023 15:04	SMA
75-27-4	Bromodichloromethane	ND		ug/L	0.500	1	EPA 8260C	09/21/2023 09:00	09/21/2023 15:04	SMA
75-25-2	Bromoform	ND		ug/L	0.500	1	EPA 8260C	09/21/2023 09:00	09/21/2023 15:04	SMA
74-83-9	Bromomethane	ND	QL-02, CCVE	ug/L	0.500	1	EPA 8260C	09/21/2023 09:00	09/21/2023 15:04	SMA
75-15-0	Carbon disulfide	ND		ug/L	0.500	1	EPA 8260C	09/21/2023 09:00	09/21/2023 15:04	SMA

Sample Information

Client Sample ID: **MW-7D** **York Sample ID:** **23I1004-08**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23I1004	TE 23-007 Region 18	Ground Water	September 13, 2023 1:35 pm	09/15/2023

VOA, 8260 RCP LOW MASTER

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

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
56-23-5	Carbon tetrachloride	ND		ug/L	0.500	1	EPA 8260C	09/21/2023 09:00	09/21/2023 15:04	SMA
108-90-7	Chlorobenzene	ND		ug/L	0.500	1	EPA 8260C	09/21/2023 09:00	09/21/2023 15:04	SMA
75-00-3	Chloroethane	ND		ug/L	0.500	1	EPA 8260C	09/21/2023 09:00	09/21/2023 15:04	SMA
67-66-3	Chloroform	ND		ug/L	0.500	1	EPA 8260C	09/21/2023 09:00	09/21/2023 15:04	SMA
74-87-3	Chloromethane	ND		ug/L	0.500	1	EPA 8260C	09/21/2023 09:00	09/21/2023 15:04	SMA
156-59-2	cis-1,2-Dichloroethylene	ND		ug/L	0.500	1	EPA 8260C	09/21/2023 09:00	09/21/2023 15:04	SMA
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.500	1	EPA 8260C	09/21/2023 09:00	09/21/2023 15:04	SMA
124-48-1	Dibromochloromethane	ND		ug/L	0.500	1	EPA 8260C	09/21/2023 09:00	09/21/2023 15:04	SMA
74-95-3	Dibromomethane	ND		ug/L	0.500	1	EPA 8260C	09/21/2023 09:00	09/21/2023 15:04	SMA
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.500	1	EPA 8260C	09/21/2023 09:00	09/21/2023 15:04	SMA
100-41-4	**Ethyl Benzene**	**8.29**		ug/L	0.500	1	EPA 8260C	09/21/2023 09:00	09/21/2023 15:04	SMA
87-68-3	Hexachlorobutadiene	ND		ug/L	0.500	1	EPA 8260C	09/21/2023 09:00	09/21/2023 15:04	SMA
98-82-8	**Isopropylbenzene**	**1.76**		ug/L	0.500	1	EPA 8260C	09/21/2023 09:00	09/21/2023 15:04	SMA
80-62-6	Methyl Methacrylate	ND		ug/L	0.500	1	EPA 8260C	09/21/2023 09:00	09/21/2023 15:04	SMA
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.500	1	EPA 8260C	09/21/2023 09:00	09/21/2023 15:04	SMA
75-09-2	Methylene chloride	ND		ug/L	2.00	1	EPA 8260C	09/21/2023 09:00	09/21/2023 15:04	SMA
91-20-3	Naphthalene	ND		ug/L	2.00	1	EPA 8260C	09/21/2023 09:00	09/21/2023 15:04	SMA
104-51-8	n-Butylbenzene	ND		ug/L	0.500	1	EPA 8260C	09/21/2023 09:00	09/21/2023 15:04	SMA
103-65-1	**n-Propylbenzene**	**1.87**		ug/L	0.500	1	EPA 8260C	09/21/2023 09:00	09/21/2023 15:04	SMA
95-47-6	**o-Xylene**	**7.83**		ug/L	0.500	1	EPA 8260C	09/21/2023 09:00	09/21/2023 15:04	SMA
179601-23-1	**p- & m- Xylenes**	**21.4**		ug/L	1.00	1	EPA 8260C	09/21/2023 09:00	09/21/2023 15:04	SMA
99-87-6	p-Isopropyltoluene	ND		ug/L	0.500	1	EPA 8260C	09/21/2023 09:00	09/21/2023 15:04	SMA
135-98-8	**sec-Butylbenzene**	**0.570**		ug/L	0.500	1	EPA 8260C	09/21/2023 09:00	09/21/2023 15:04	SMA
100-42-5	Styrene	ND		ug/L	0.500	1	EPA 8260C	09/21/2023 09:00	09/21/2023 15:04	SMA
98-06-6	tert-Butylbenzene	ND		ug/L	0.500	1	EPA 8260C	09/21/2023 09:00	09/21/2023 15:04	SMA
127-18-4	Tetrachloroethylene	ND	QL-02, CCVE, ICVE	ug/L	0.500	1	EPA 8260C	09/21/2023 09:00	09/21/2023 15:04	SMA
109-99-9	Tetrahydrofuran	ND		ug/L	4.00	1	EPA 8260C	09/21/2023 09:00	09/21/2023 15:04	SMA
108-88-3	**Toluene**	**2.91**		ug/L	0.500	1	EPA 8260C	09/21/2023 09:00	09/21/2023 15:04	SMA
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.500	1	EPA 8260C	09/21/2023 09:00	09/21/2023 15:04	SMA
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.500	1	EPA 8260C	09/21/2023 09:00	09/21/2023 15:04	SMA
110-57-6	trans-1,4-dichloro-2-butene	ND		ug/L	0.500	1	EPA 8260C	09/21/2023 09:00	09/21/2023 15:04	SMA
79-01-6	Trichloroethylene	ND		ug/L	0.500	1	EPA 8260C	09/21/2023 09:00	09/21/2023 15:04	SMA
75-69-4	Trichlorofluoromethane	ND		ug/L	0.500	1	EPA 8260C	09/21/2023 09:00	09/21/2023 15:04	SMA
75-01-4	Vinyl Chloride	ND		ug/L	0.500	1	EPA 8260C	09/21/2023 09:00	09/21/2023 15:04	SMA

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: SURR: 1,2-Dichloroethane-d4*	*101 %*	*70-130*
2037-26-5	*Surrogate: SURR: Toluene-d8*	*99.4 %*	*70-130*
460-00-4	*Surrogate: SURR: p-Bromofluorobenzene*	*98.2 %*	*70-130*

Sample Information

Client Sample ID: MW-7D

York Sample ID: 23I1004-08

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23I1004	TE 23-007 Region 18	Ground Water	September 13, 2023 1:35 pm	09/15/2023

SVOA, 8270 LOW RCP MASTER

Log-in Notes:

Sample Notes: EXT-EM

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
91-57-6	2-Methylnaphthalene	ND		ug/L	5.00	1	EPA 8270D	09/20/2023 08:12	09/21/2023 16:44	KH
	Surrogate Recoveries	**Result**			**Acceptance Range**					
4165-60-0	*Surrogate: SURR: Nitrobenzene-d5*	*41.3 %*			*30-130*					
321-60-8	*Surrogate: SURR: 2-Fluorobiphenyl*	*37.9 %*			*30-130*					
1718-51-0	*Surrogate: SURR: Terphenyl-d14*	*29.8 %*	S-08		*30-130*					

SVOA, 8270 SIM RCP MASTER

Log-in Notes:

Sample Notes: EXT-EM

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
83-32-9	Acenaphthene	ND		ug/L	0.0500	1	EPA 8270D SIM	09/20/2023 08:12	09/20/2023 17:51	KH
208-96-8	Acenaphthylene	ND		ug/L	0.0500	1	EPA 8270D SIM	09/20/2023 08:12	09/20/2023 17:51	KH
120-12-7	Anthracene	ND		ug/L	0.0500	1	EPA 8270D SIM	09/20/2023 08:12	09/20/2023 17:51	KH
56-55-3	Benzo(a)anthracene	ND		ug/L	0.0500	1	EPA 8270D SIM	09/20/2023 08:12	09/20/2023 17:51	KH
50-32-8	Benzo(a)pyrene	ND		ug/L	0.0500	1	EPA 8270D SIM	09/20/2023 08:12	09/20/2023 17:51	KH
205-99-2	Benzo(b)fluoranthene	ND		ug/L	0.0500	1	EPA 8270D SIM	09/20/2023 08:12	09/20/2023 17:51	KH
191-24-2	Benzo(g,h,i)perylene	ND		ug/L	0.0500	1	EPA 8270D SIM	09/20/2023 08:12	09/20/2023 17:51	KH
207-08-9	Benzo(k)fluoranthene	ND		ug/L	0.0500	1	EPA 8270D SIM	09/20/2023 08:12	09/20/2023 17:51	KH
218-01-9	Chrysene	ND		ug/L	0.0500	1	EPA 8270D SIM	09/20/2023 08:12	09/20/2023 17:51	KH
53-70-3	Dibenzo(a,h)anthracene	ND		ug/L	0.0500	1	EPA 8270D SIM	09/20/2023 08:12	09/20/2023 17:51	KH
206-44-0	Fluoranthene	ND		ug/L	0.0500	1	EPA 8270D SIM	09/20/2023 08:12	09/20/2023 17:51	KH
86-73-7	Fluorene	ND		ug/L	0.0500	1	EPA 8270D SIM	09/20/2023 08:12	09/20/2023 17:51	KH
193-39-5	Indeno(1,2,3-cd)pyrene	ND		ug/L	0.0500	1	EPA 8270D SIM	09/20/2023 08:12	09/20/2023 17:51	KH
91-20-3	**Naphthalene**	**0.410**		ug/L	0.0500	1	EPA 8270D SIM	09/20/2023 08:12	09/20/2023 17:51	KH
85-01-8	Phenanthrene	ND		ug/L	0.0500	1	EPA 8270D SIM	09/20/2023 08:12	09/20/2023 17:51	KH
129-00-0	Pyrene	ND		ug/L	0.0500	1	EPA 8270D SIM	09/20/2023 08:12	09/20/2023 17:51	KH

Extractable Total Petroleum Hydrocarbons (ETPH)

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
CT ETPH	**ETPH (Extractable Total Petroleum Hydrocarbons)**	**0.539**		mg/L	0.150	1	CT DEP ETPH	09/18/2023 16:27	09/19/2023 16:47	GXB
	Surrogate Recoveries	**Result**			**Acceptance Range**					
3386-33-2	*Surrogate: 1-Chlorooctadecane*	*83.2 %*			*30-140*					

Sample Information

Client Sample ID: **MW-7** **York Sample ID:** **23I1004-09**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23I1004	TE 23-007 Region 18	Ground Water	September 13, 2023 3:55 pm	09/15/2023

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

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/L	0.500	1	EPA 8260C	09/21/2023 09:00	09/21/2023 15:33	SMA
71-55-6	1,1,1-Trichloroethane	ND		ug/L	0.500	1	EPA 8260C	09/21/2023 09:00	09/21/2023 15:33	SMA
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.500	1	EPA 8260C	09/21/2023 09:00	09/21/2023 15:33	SMA
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/L	0.500	1	EPA 8260C	09/21/2023 09:00	09/21/2023 15:33	SMA
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.500	1	EPA 8260C	09/21/2023 09:00	09/21/2023 15:33	SMA
75-34-3	1,1-Dichloroethane	ND		ug/L	0.500	1	EPA 8260C	09/21/2023 09:00	09/21/2023 15:33	SMA
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.500	1	EPA 8260C	09/21/2023 09:00	09/21/2023 15:33	SMA
563-58-6	1,1-Dichloropropylene	ND		ug/L	0.500	1	EPA 8260C	09/21/2023 09:00	09/21/2023 15:33	SMA
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	0.500	1	EPA 8260C	09/21/2023 09:00	09/21/2023 15:33	SMA
96-18-4	1,2,3-Trichloropropane	ND		ug/L	0.500	1	EPA 8260C	09/21/2023 09:00	09/21/2023 15:33	SMA
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.500	1	EPA 8260C	09/21/2023 09:00	09/21/2023 15:33	SMA
95-63-6	**1,2,4-Trimethylbenzene**	**75.2**		ug/L	0.500	1	EPA 8260C	09/21/2023 09:00	09/21/2023 15:33	SMA
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.500	1	EPA 8260C	09/21/2023 09:00	09/21/2023 15:33	SMA
106-93-4	1,2-Dibromoethane	ND		ug/L	0.500	1	EPA 8260C	09/21/2023 09:00	09/21/2023 15:33	SMA
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.500	1	EPA 8260C	09/21/2023 09:00	09/21/2023 15:33	SMA
107-06-2	1,2-Dichloroethane	ND		ug/L	0.500	1	EPA 8260C	09/21/2023 09:00	09/21/2023 15:33	SMA
78-87-5	1,2-Dichloropropane	ND		ug/L	0.500	1	EPA 8260C	09/21/2023 09:00	09/21/2023 15:33	SMA
108-67-8	**1,3,5-Trimethylbenzene**	**7.80**		ug/L	0.500	1	EPA 8260C	09/21/2023 09:00	09/21/2023 15:33	SMA
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.500	1	EPA 8260C	09/21/2023 09:00	09/21/2023 15:33	SMA
142-28-9	1,3-Dichloropropane	ND		ug/L	0.500	1	EPA 8260C	09/21/2023 09:00	09/21/2023 15:33	SMA
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.500	1	EPA 8260C	09/21/2023 09:00	09/21/2023 15:33	SMA
594-20-7	2,2-Dichloropropane	ND		ug/L	0.500	1	EPA 8260C	09/21/2023 09:00	09/21/2023 15:33	SMA
78-93-3	**2-Butanone**	**620**	ICVE	ug/L	12.5	25	EPA 8260C	09/22/2023 09:00	09/22/2023 12:43	SMA
95-49-8	2-Chlorotoluene	ND		ug/L	0.500	1	EPA 8260C	09/21/2023 09:00	09/21/2023 15:33	SMA
591-78-6	**2-Hexanone**	**2.38**		ug/L	0.500	1	EPA 8260C	09/21/2023 09:00	09/21/2023 15:33	SMA
106-43-4	4-Chlorotoluene	ND		ug/L	0.500	1	EPA 8260C	09/21/2023 09:00	09/21/2023 15:33	SMA
108-10-1	4-Methyl-2-pentanone	ND		ug/L	0.500	1	EPA 8260C	09/21/2023 09:00	09/21/2023 15:33	SMA
67-64-1	**Acetone**	**5420**	ICVE, QL-02	ug/L	200	100	EPA 8260C	09/22/2023 09:00	09/22/2023 13:12	SMA
107-13-1	Acrylonitrile	ND		ug/L	0.500	1	EPA 8260C	09/21/2023 09:00	09/21/2023 15:33	SMA
71-43-2	**Benzene**	**7.99**		ug/L	0.500	1	EPA 8260C	09/21/2023 09:00	09/21/2023 15:33	SMA
108-86-1	Bromobenzene	ND		ug/L	0.500	1	EPA 8260C	09/21/2023 09:00	09/21/2023 15:33	SMA
74-97-5	Bromochloromethane	ND		ug/L	0.500	1	EPA 8260C	09/21/2023 09:00	09/21/2023 15:33	SMA
75-27-4	Bromodichloromethane	ND		ug/L	0.500	1	EPA 8260C	09/21/2023 09:00	09/21/2023 15:33	SMA
75-25-2	Bromoform	ND		ug/L	0.500	1	EPA 8260C	09/21/2023 09:00	09/21/2023 15:33	SMA
74-83-9	Bromomethane	ND	CCVE, QL-02	ug/L	0.500	1	EPA 8260C	09/21/2023 09:00	09/21/2023 15:33	SMA
75-15-0	Carbon disulfide	ND		ug/L	0.500	1	EPA 8260C	09/21/2023 09:00	09/21/2023 15:33	SMA

Sample Information

Client Sample ID: **MW-7** **York Sample ID:** **23I1004-09**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23I1004	TE 23-007 Region 18	Ground Water	September 13, 2023 3:55 pm	09/15/2023

VOA, 8260 RCP LOW MASTER

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

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
56-23-5	Carbon tetrachloride	ND		ug/L	0.500	1	EPA 8260C	09/21/2023 09:00	09/21/2023 15:33	SMA
108-90-7	Chlorobenzene	ND		ug/L	0.500	1	EPA 8260C	09/21/2023 09:00	09/21/2023 15:33	SMA
75-00-3	Chloroethane	ND		ug/L	0.500	1	EPA 8260C	09/21/2023 09:00	09/21/2023 15:33	SMA
67-66-3	Chloroform	ND		ug/L	0.500	1	EPA 8260C	09/21/2023 09:00	09/21/2023 15:33	SMA
74-87-3	Chloromethane	ND		ug/L	0.500	1	EPA 8260C	09/21/2023 09:00	09/21/2023 15:33	SMA
156-59-2	cis-1,2-Dichloroethylene	ND		ug/L	0.500	1	EPA 8260C	09/21/2023 09:00	09/21/2023 15:33	SMA
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.500	1	EPA 8260C	09/21/2023 09:00	09/21/2023 15:33	SMA
124-48-1	Dibromochloromethane	ND		ug/L	0.500	1	EPA 8260C	09/21/2023 09:00	09/21/2023 15:33	SMA
74-95-3	Dibromomethane	ND		ug/L	0.500	1	EPA 8260C	09/21/2023 09:00	09/21/2023 15:33	SMA
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.500	1	EPA 8260C	09/21/2023 09:00	09/21/2023 15:33	SMA
100-41-4	**Ethyl Benzene**	**31.7**		ug/L	0.500	1	EPA 8260C	09/21/2023 09:00	09/21/2023 15:33	SMA
87-68-3	Hexachlorobutadiene	ND		ug/L	0.500	1	EPA 8260C	09/21/2023 09:00	09/21/2023 15:33	SMA
98-82-8	**Isopropylbenzene**	**5.01**		ug/L	0.500	1	EPA 8260C	09/21/2023 09:00	09/21/2023 15:33	SMA
80-62-6	Methyl Methacrylate	ND		ug/L	0.500	1	EPA 8260C	09/21/2023 09:00	09/21/2023 15:33	SMA
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.500	1	EPA 8260C	09/21/2023 09:00	09/21/2023 15:33	SMA
75-09-2	Methylene chloride	ND		ug/L	2.00	1	EPA 8260C	09/21/2023 09:00	09/21/2023 15:33	SMA
91-20-3	**Naphthalene**	**5.28**		ug/L	2.00	1	EPA 8260C	09/21/2023 09:00	09/21/2023 15:33	SMA
104-51-8	n-Butylbenzene	ND		ug/L	0.500	1	EPA 8260C	09/21/2023 09:00	09/21/2023 15:33	SMA
103-65-1	**n-Propylbenzene**	**7.49**		ug/L	0.500	1	EPA 8260C	09/21/2023 09:00	09/21/2023 15:33	SMA
95-47-6	**o-Xylene**	**24.0**		ug/L	0.500	1	EPA 8260C	09/21/2023 09:00	09/21/2023 15:33	SMA
179601-23-1	**p- & m- Xylenes**	**69.0**		ug/L	1.00	1	EPA 8260C	09/21/2023 09:00	09/21/2023 15:33	SMA
99-87-6	**p-Isopropyltoluene**	**0.870**		ug/L	0.500	1	EPA 8260C	09/21/2023 09:00	09/21/2023 15:33	SMA
135-98-8	**sec-Butylbenzene**	**1.59**		ug/L	0.500	1	EPA 8260C	09/21/2023 09:00	09/21/2023 15:33	SMA
100-42-5	Styrene	ND		ug/L	0.500	1	EPA 8260C	09/21/2023 09:00	09/21/2023 15:33	SMA
98-06-6	tert-Butylbenzene	ND		ug/L	0.500	1	EPA 8260C	09/21/2023 09:00	09/21/2023 15:33	SMA
127-18-4	Tetrachloroethylene	ND	CCVE, ICVE, QL-02	ug/L	0.500	1	EPA 8260C	09/21/2023 09:00	09/21/2023 15:33	SMA
109-99-9	Tetrahydrofuran	ND		ug/L	4.00	1	EPA 8260C	09/21/2023 09:00	09/21/2023 15:33	SMA
108-88-3	**Toluene**	**17.5**		ug/L	0.500	1	EPA 8260C	09/21/2023 09:00	09/21/2023 15:33	SMA
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.500	1	EPA 8260C	09/21/2023 09:00	09/21/2023 15:33	SMA
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.500	1	EPA 8260C	09/21/2023 09:00	09/21/2023 15:33	SMA
110-57-6	trans-1,4-dichloro-2-butene	ND		ug/L	0.500	1	EPA 8260C	09/21/2023 09:00	09/21/2023 15:33	SMA
79-01-6	Trichloroethylene	ND		ug/L	0.500	1	EPA 8260C	09/21/2023 09:00	09/21/2023 15:33	SMA
75-69-4	Trichlorofluoromethane	ND		ug/L	0.500	1	EPA 8260C	09/21/2023 09:00	09/21/2023 15:33	SMA
75-01-4	Vinyl Chloride	ND		ug/L	0.500	1	EPA 8260C	09/21/2023 09:00	09/21/2023 15:33	SMA

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: SURR: 1,2-Dichloroethane-d4*	*101 %*	*70-130*
2037-26-5	*Surrogate: SURR: Toluene-d8*	*101 %*	*70-130*
460-00-4	*Surrogate: SURR: p-Bromofluorobenzene*	*97.3 %*	*70-130*

Sample Information

Client Sample ID: MW-7 **York Sample ID:** 23I1004-09

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23I1004	TE 23-007 Region 18	Ground Water	September 13, 2023 3:55 pm	09/15/2023

SVOA, 8270 LOW RCP MASTER

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

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
91-57-6	2-Methylnaphthalene	ND		ug/L	5.00	1	EPA 8270D	09/20/2023 08:12	09/21/2023 17:20	KH
	Surrogate Recoveries	**Result**		**Acceptance Range**						
4165-60-0	*Surrogate: SURR: Nitrobenzene-d5*	*24.6 %*	S-08	*30-130*						
321-60-8	*Surrogate: SURR: 2-Fluorobiphenyl*	*49.9 %*		*30-130*						
1718-51-0	*Surrogate: SURR: Terphenyl-d14*	*45.6 %*		*30-130*						

SVOA, 8270 SIM RCP MASTER

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

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
83-32-9	Acenaphthene	ND		ug/L	0.0500	1	EPA 8270D SIM	09/20/2023 08:12	09/20/2023 18:21	KH
208-96-8	Acenaphthylene	ND		ug/L	0.0500	1	EPA 8270D SIM	09/20/2023 08:12	09/20/2023 18:21	KH
120-12-7	Anthracene	ND		ug/L	0.0500	1	EPA 8270D SIM	09/20/2023 08:12	09/20/2023 18:21	KH
56-55-3	Benzo(a)anthracene	ND		ug/L	0.0500	1	EPA 8270D SIM	09/20/2023 08:12	09/20/2023 18:21	KH
50-32-8	Benzo(a)pyrene	ND		ug/L	0.0500	1	EPA 8270D SIM	09/20/2023 08:12	09/20/2023 18:21	KH
205-99-2	Benzo(b)fluoranthene	ND		ug/L	0.0500	1	EPA 8270D SIM	09/20/2023 08:12	09/20/2023 18:21	KH
191-24-2	Benzo(g,h,i)perylene	ND		ug/L	0.0500	1	EPA 8270D SIM	09/20/2023 08:12	09/20/2023 18:21	KH
207-08-9	Benzo(k)fluoranthene	ND		ug/L	0.0500	1	EPA 8270D SIM	09/20/2023 08:12	09/20/2023 18:21	KH
218-01-9	Chrysene	ND		ug/L	0.0500	1	EPA 8270D SIM	09/20/2023 08:12	09/20/2023 18:21	KH
53-70-3	Dibenzo(a,h)anthracene	ND		ug/L	0.0500	1	EPA 8270D SIM	09/20/2023 08:12	09/20/2023 18:21	KH
206-44-0	Fluoranthene	ND		ug/L	0.0500	1	EPA 8270D SIM	09/20/2023 08:12	09/20/2023 18:21	KH
86-73-7	**Fluorene**	**0.260**	B	ug/L	0.0500	1	EPA 8270D SIM	09/20/2023 08:12	09/20/2023 18:21	KH
193-39-5	Indeno(1,2,3-cd)pyrene	ND		ug/L	0.0500	1	EPA 8270D SIM	09/20/2023 08:12	09/20/2023 18:21	KH
91-20-3	**Naphthalene**	**3.27**		ug/L	0.0500	1	EPA 8270D SIM	09/20/2023 08:12	09/20/2023 18:21	KH
85-01-8	**Phenanthrene**	**0.120**		ug/L	0.0500	1	EPA 8270D SIM	09/20/2023 08:12	09/20/2023 18:21	KH
129-00-0	Pyrene	ND		ug/L	0.0500	1	EPA 8270D SIM	09/20/2023 08:12	09/20/2023 18:21	KH

Extractable Total Petroleum Hydrocarbons (ETPH)

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

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
CT ETPH	**ETPH (Extractable Total Petroleum Hydrocarbons)**	**1.46**		mg/L	0.150	1	CT DEP ETPH	09/18/2023 16:27	09/19/2023 17:25	GXB
	Surrogate Recoveries	**Result**		**Acceptance Range**						
3386-33-2	*Surrogate: 1-Chlorooctadecane*	*79.9 %*		*30-140*						

Sample Information

Client Sample ID: **MW-8** **York Sample ID:** **23I1004-10**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23I1004	TE 23-007 Region 18	Ground Water	September 13, 2023 4:35 pm	09/15/2023

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

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/L	0.500	1	EPA 8260C	09/21/2023 09:00	09/21/2023 16:01	SMA
71-55-6	1,1,1-Trichloroethane	ND		ug/L	0.500	1	EPA 8260C	09/21/2023 09:00	09/21/2023 16:01	SMA
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.500	1	EPA 8260C	09/21/2023 09:00	09/21/2023 16:01	SMA
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/L	0.500	1	EPA 8260C	09/21/2023 09:00	09/21/2023 16:01	SMA
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.500	1	EPA 8260C	09/21/2023 09:00	09/21/2023 16:01	SMA
75-34-3	1,1-Dichloroethane	ND		ug/L	0.500	1	EPA 8260C	09/21/2023 09:00	09/21/2023 16:01	SMA
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.500	1	EPA 8260C	09/21/2023 09:00	09/21/2023 16:01	SMA
563-58-6	1,1-Dichloropropylene	ND		ug/L	0.500	1	EPA 8260C	09/21/2023 09:00	09/21/2023 16:01	SMA
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	0.500	1	EPA 8260C	09/21/2023 09:00	09/21/2023 16:01	SMA
96-18-4	1,2,3-Trichloropropane	ND		ug/L	0.500	1	EPA 8260C	09/21/2023 09:00	09/21/2023 16:01	SMA
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.500	1	EPA 8260C	09/21/2023 09:00	09/21/2023 16:01	SMA
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	0.500	1	EPA 8260C	09/21/2023 09:00	09/21/2023 16:01	SMA
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.500	1	EPA 8260C	09/21/2023 09:00	09/21/2023 16:01	SMA
106-93-4	1,2-Dibromoethane	ND		ug/L	0.500	1	EPA 8260C	09/21/2023 09:00	09/21/2023 16:01	SMA
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.500	1	EPA 8260C	09/21/2023 09:00	09/21/2023 16:01	SMA
107-06-2	1,2-Dichloroethane	ND		ug/L	0.500	1	EPA 8260C	09/21/2023 09:00	09/21/2023 16:01	SMA
78-87-5	1,2-Dichloropropane	ND		ug/L	0.500	1	EPA 8260C	09/21/2023 09:00	09/21/2023 16:01	SMA
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	0.500	1	EPA 8260C	09/21/2023 09:00	09/21/2023 16:01	SMA
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.500	1	EPA 8260C	09/21/2023 09:00	09/21/2023 16:01	SMA
142-28-9	1,3-Dichloropropane	ND		ug/L	0.500	1	EPA 8260C	09/21/2023 09:00	09/21/2023 16:01	SMA
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.500	1	EPA 8260C	09/21/2023 09:00	09/21/2023 16:01	SMA
594-20-7	2,2-Dichloropropane	ND		ug/L	0.500	1	EPA 8260C	09/21/2023 09:00	09/21/2023 16:01	SMA
78-93-3	2-Butanone	ND	ICVE	ug/L	0.500	1	EPA 8260C	09/21/2023 09:00	09/21/2023 16:01	SMA
95-49-8	2-Chlorotoluene	ND		ug/L	0.500	1	EPA 8260C	09/21/2023 09:00	09/21/2023 16:01	SMA
591-78-6	2-Hexanone	ND		ug/L	0.500	1	EPA 8260C	09/21/2023 09:00	09/21/2023 16:01	SMA
106-43-4	4-Chlorotoluene	ND		ug/L	0.500	1	EPA 8260C	09/21/2023 09:00	09/21/2023 16:01	SMA
108-10-1	4-Methyl-2-pentanone	ND		ug/L	0.500	1	EPA 8260C	09/21/2023 09:00	09/21/2023 16:01	SMA
67-64-1	**Acetone**	**3.68**	ICVE, QL-02	ug/L	2.00	1	EPA 8260C	09/21/2023 09:00	09/21/2023 16:01	SMA
107-13-1	Acrylonitrile	ND		ug/L	0.500	1	EPA 8260C	09/21/2023 09:00	09/21/2023 16:01	SMA
71-43-2	Benzene	ND		ug/L	0.500	1	EPA 8260C	09/21/2023 09:00	09/21/2023 16:01	SMA
108-86-1	Bromobenzene	ND		ug/L	0.500	1	EPA 8260C	09/21/2023 09:00	09/21/2023 16:01	SMA
74-97-5	Bromochloromethane	ND		ug/L	0.500	1	EPA 8260C	09/21/2023 09:00	09/21/2023 16:01	SMA
75-27-4	Bromodichloromethane	ND		ug/L	0.500	1	EPA 8260C	09/21/2023 09:00	09/21/2023 16:01	SMA
75-25-2	Bromoform	ND		ug/L	0.500	1	EPA 8260C	09/21/2023 09:00	09/21/2023 16:01	SMA
74-83-9	Bromomethane	ND	CCVE, QL-02	ug/L	0.500	1	EPA 8260C	09/21/2023 09:00	09/21/2023 16:01	SMA
75-15-0	Carbon disulfide	ND		ug/L	0.500	1	EPA 8260C	09/21/2023 09:00	09/21/2023 16:01	SMA

Sample Information

Client Sample ID: **MW-8** **York Sample ID:** **23I1004-10**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23I1004	TE 23-007 Region 18	Ground Water	September 13, 2023 4:35 pm	09/15/2023

VOA, 8260 RCP LOW MASTER

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

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
56-23-5	Carbon tetrachloride	ND		ug/L	0.500	1	EPA 8260C	09/21/2023 09:00	09/21/2023 16:01	SMA
108-90-7	Chlorobenzene	ND		ug/L	0.500	1	EPA 8260C	09/21/2023 09:00	09/21/2023 16:01	SMA
75-00-3	Chloroethane	ND		ug/L	0.500	1	EPA 8260C	09/21/2023 09:00	09/21/2023 16:01	SMA
67-66-3	Chloroform	ND		ug/L	0.500	1	EPA 8260C	09/21/2023 09:00	09/21/2023 16:01	SMA
74-87-3	Chloromethane	ND		ug/L	0.500	1	EPA 8260C	09/21/2023 09:00	09/21/2023 16:01	SMA
156-59-2	cis-1,2-Dichloroethylene	ND		ug/L	0.500	1	EPA 8260C	09/21/2023 09:00	09/21/2023 16:01	SMA
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.500	1	EPA 8260C	09/21/2023 09:00	09/21/2023 16:01	SMA
124-48-1	Dibromochloromethane	ND		ug/L	0.500	1	EPA 8260C	09/21/2023 09:00	09/21/2023 16:01	SMA
74-95-3	Dibromomethane	ND		ug/L	0.500	1	EPA 8260C	09/21/2023 09:00	09/21/2023 16:01	SMA
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.500	1	EPA 8260C	09/21/2023 09:00	09/21/2023 16:01	SMA
100-41-4	Ethyl Benzene	ND		ug/L	0.500	1	EPA 8260C	09/21/2023 09:00	09/21/2023 16:01	SMA
87-68-3	Hexachlorobutadiene	ND		ug/L	0.500	1	EPA 8260C	09/21/2023 09:00	09/21/2023 16:01	SMA
98-82-8	Isopropylbenzene	ND		ug/L	0.500	1	EPA 8260C	09/21/2023 09:00	09/21/2023 16:01	SMA
80-62-6	Methyl Methacrylate	ND		ug/L	0.500	1	EPA 8260C	09/21/2023 09:00	09/21/2023 16:01	SMA
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.500	1	EPA 8260C	09/21/2023 09:00	09/21/2023 16:01	SMA
75-09-2	Methylene chloride	ND		ug/L	2.00	1	EPA 8260C	09/21/2023 09:00	09/21/2023 16:01	SMA
91-20-3	Naphthalene	ND		ug/L	2.00	1	EPA 8260C	09/21/2023 09:00	09/21/2023 16:01	SMA
104-51-8	n-Butylbenzene	ND		ug/L	0.500	1	EPA 8260C	09/21/2023 09:00	09/21/2023 16:01	SMA
103-65-1	n-Propylbenzene	ND		ug/L	0.500	1	EPA 8260C	09/21/2023 09:00	09/21/2023 16:01	SMA
95-47-6	o-Xylene	ND		ug/L	0.500	1	EPA 8260C	09/21/2023 09:00	09/21/2023 16:01	SMA
179601-23-1	p- & m- Xylenes	ND		ug/L	1.00	1	EPA 8260C	09/21/2023 09:00	09/21/2023 16:01	SMA
99-87-6	p-Isopropyltoluene	ND		ug/L	0.500	1	EPA 8260C	09/21/2023 09:00	09/21/2023 16:01	SMA
135-98-8	sec-Butylbenzene	ND		ug/L	0.500	1	EPA 8260C	09/21/2023 09:00	09/21/2023 16:01	SMA
100-42-5	Styrene	ND		ug/L	0.500	1	EPA 8260C	09/21/2023 09:00	09/21/2023 16:01	SMA
98-06-6	tert-Butylbenzene	ND		ug/L	0.500	1	EPA 8260C	09/21/2023 09:00	09/21/2023 16:01	SMA
127-18-4	Tetrachloroethylene	ND	QL-02, CCVE, ICVE	ug/L	0.500	1	EPA 8260C	09/21/2023 09:00	09/21/2023 16:01	SMA
109-99-9	Tetrahydrofuran	ND		ug/L	4.00	1	EPA 8260C	09/21/2023 09:00	09/21/2023 16:01	SMA
108-88-3	Toluene	ND		ug/L	0.500	1	EPA 8260C	09/21/2023 09:00	09/21/2023 16:01	SMA
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.500	1	EPA 8260C	09/21/2023 09:00	09/21/2023 16:01	SMA
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.500	1	EPA 8260C	09/21/2023 09:00	09/21/2023 16:01	SMA
110-57-6	trans-1,4-dichloro-2-butene	ND		ug/L	0.500	1	EPA 8260C	09/21/2023 09:00	09/21/2023 16:01	SMA
79-01-6	Trichloroethylene	ND		ug/L	0.500	1	EPA 8260C	09/21/2023 09:00	09/21/2023 16:01	SMA
75-69-4	Trichlorofluoromethane	ND		ug/L	0.500	1	EPA 8260C	09/21/2023 09:00	09/21/2023 16:01	SMA
75-01-4	Vinyl Chloride	ND		ug/L	0.500	1	EPA 8260C	09/21/2023 09:00	09/21/2023 16:01	SMA

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: SURR: 1,2-Dichloroethane-d4*	*97.0 %*	*70-130*
2037-26-5	*Surrogate: SURR: Toluene-d8*	*99.9 %*	*70-130*

Sample Information

Client Sample ID: **MW-8** **York Sample ID:** **23I1004-10**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23I1004	TE 23-007 Region 18	Ground Water	September 13, 2023 4:35 pm	09/15/2023

VOA, 8260 RCP LOW MASTER

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

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
460-00-4	*Surrogate: SURR: p-Bromofluorobenzene*	*102 %*			*70-130*					

SVOA, 8270 LOW RCP MASTER

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

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
91-57-6	2-Methylnaphthalene	ND		ug/L	5.00	1	EPA 8270D	09/20/2023 08:12	09/21/2023 17:57	KH
	Surrogate Recoveries	**Result**			**Acceptance Range**					
4165-60-0	*Surrogate: SURR: Nitrobenzene-d5*	*65.7 %*			*30-130*					
321-60-8	*Surrogate: SURR: 2-Fluorobiphenyl*	*61.0 %*			*30-130*					
1718-51-0	*Surrogate: SURR: Terphenyl-d14*	*52.8 %*			*30-130*					

SVOA, 8270 SIM RCP MASTER

Log-in Notes: **Sample Notes:** **EXT-EM**

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
83-32-9	Acenaphthene	ND		ug/L	0.0500	1	EPA 8270D SIM	09/20/2023 08:12	09/20/2023 18:52	KH
208-96-8	Acenaphthylene	ND		ug/L	0.0500	1	EPA 8270D SIM	09/20/2023 08:12	09/20/2023 18:52	KH
120-12-7	Anthracene	ND		ug/L	0.0500	1	EPA 8270D SIM	09/20/2023 08:12	09/20/2023 18:52	KH
56-55-3	Benzo(a)anthracene	ND		ug/L	0.0500	1	EPA 8270D SIM	09/20/2023 08:12	09/20/2023 18:52	KH
50-32-8	Benzo(a)pyrene	ND		ug/L	0.0500	1	EPA 8270D SIM	09/20/2023 08:12	09/20/2023 18:52	KH
205-99-2	Benzo(b)fluoranthene	ND		ug/L	0.0500	1	EPA 8270D SIM	09/20/2023 08:12	09/20/2023 18:52	KH
191-24-2	Benzo(g,h,i)perylene	ND		ug/L	0.0500	1	EPA 8270D SIM	09/20/2023 08:12	09/20/2023 18:52	KH
207-08-9	Benzo(k)fluoranthene	ND		ug/L	0.0500	1	EPA 8270D SIM	09/20/2023 08:12	09/20/2023 18:52	KH
218-01-9	Chrysene	ND		ug/L	0.0500	1	EPA 8270D SIM	09/20/2023 08:12	09/20/2023 18:52	KH
53-70-3	Dibenzo(a,h)anthracene	ND		ug/L	0.0500	1	EPA 8270D SIM	09/20/2023 08:12	09/20/2023 18:52	KH
206-44-0	Fluoranthene	ND		ug/L	0.0500	1	EPA 8270D SIM	09/20/2023 08:12	09/20/2023 18:52	KH
86-73-7	Fluorene	ND		ug/L	0.0500	1	EPA 8270D SIM	09/20/2023 08:12	09/20/2023 18:52	KH
193-39-5	Indeno(1,2,3-cd)pyrene	ND		ug/L	0.0500	1	EPA 8270D SIM	09/20/2023 08:12	09/20/2023 18:52	KH
91-20-3	**Naphthalene**	**0.0900**		ug/L	0.0500	1	EPA 8270D SIM	09/20/2023 08:12	09/20/2023 18:52	KH
85-01-8	Phenanthrene	ND		ug/L	0.0500	1	EPA 8270D SIM	09/20/2023 08:12	09/20/2023 18:52	KH
129-00-0	Pyrene	ND		ug/L	0.0500	1	EPA 8270D SIM	09/20/2023 08:12	09/20/2023 18:52	KH

Extractable Total Petroleum Hydrocarbons (ETPH)

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

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
CT ETPH	ETPH (Extractable Total Petroleum Hydrocarbons)	ND		mg/L	0.150	1	CT DEP ETPH	09/18/2023 16:27	09/19/2023 18:03	GXB
	Surrogate Recoveries	**Result**			**Acceptance Range**					

Sample Information

Client Sample ID: **MW-8** **York Sample ID:** **23I1004-10**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23I1004	TE 23-007 Region 18	Ground Water	September 13, 2023 4:35 pm	09/15/2023

Extractable Total Petroleum Hydrocarbons (ETPH) **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
3386-33-2	*Surrogate: 1-Chlorooctadecane*	*87.4 %*			*30-140*					

Sample Information

Client Sample ID: **MW-9** **York Sample ID:** **23I1004-11**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23I1004	TE 23-007 Region 18	Ground Water	September 14, 2023 10:05 am	09/15/2023

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

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/L	0.500	1	EPA 8260C	09/21/2023 09:00	09/21/2023 16:29	SMA
71-55-6	1,1,1-Trichloroethane	ND		ug/L	0.500	1	EPA 8260C	09/21/2023 09:00	09/21/2023 16:29	SMA
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.500	1	EPA 8260C	09/21/2023 09:00	09/21/2023 16:29	SMA
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/L	0.500	1	EPA 8260C	09/21/2023 09:00	09/21/2023 16:29	SMA
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.500	1	EPA 8260C	09/21/2023 09:00	09/21/2023 16:29	SMA
75-34-3	1,1-Dichloroethane	ND		ug/L	0.500	1	EPA 8260C	09/21/2023 09:00	09/21/2023 16:29	SMA
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.500	1	EPA 8260C	09/21/2023 09:00	09/21/2023 16:29	SMA
563-58-6	1,1-Dichloropropylene	ND		ug/L	0.500	1	EPA 8260C	09/21/2023 09:00	09/21/2023 16:29	SMA
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	0.500	1	EPA 8260C	09/21/2023 09:00	09/21/2023 16:29	SMA
96-18-4	1,2,3-Trichloropropane	ND		ug/L	0.500	1	EPA 8260C	09/21/2023 09:00	09/21/2023 16:29	SMA
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.500	1	EPA 8260C	09/21/2023 09:00	09/21/2023 16:29	SMA
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	0.500	1	EPA 8260C	09/21/2023 09:00	09/21/2023 16:29	SMA
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.500	1	EPA 8260C	09/21/2023 09:00	09/21/2023 16:29	SMA
106-93-4	1,2-Dibromoethane	ND		ug/L	0.500	1	EPA 8260C	09/21/2023 09:00	09/21/2023 16:29	SMA
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.500	1	EPA 8260C	09/21/2023 09:00	09/21/2023 16:29	SMA
107-06-2	1,2-Dichloroethane	ND		ug/L	0.500	1	EPA 8260C	09/21/2023 09:00	09/21/2023 16:29	SMA
78-87-5	1,2-Dichloropropane	ND		ug/L	0.500	1	EPA 8260C	09/21/2023 09:00	09/21/2023 16:29	SMA
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	0.500	1	EPA 8260C	09/21/2023 09:00	09/21/2023 16:29	SMA
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.500	1	EPA 8260C	09/21/2023 09:00	09/21/2023 16:29	SMA
142-28-9	1,3-Dichloropropane	ND		ug/L	0.500	1	EPA 8260C	09/21/2023 09:00	09/21/2023 16:29	SMA
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.500	1	EPA 8260C	09/21/2023 09:00	09/21/2023 16:29	SMA
594-20-7	2,2-Dichloropropane	ND		ug/L	0.500	1	EPA 8260C	09/21/2023 09:00	09/21/2023 16:29	SMA
78-93-3	2-Butanone	ND	ICVE	ug/L	0.500	1	EPA 8260C	09/21/2023 09:00	09/21/2023 16:29	SMA
95-49-8	2-Chlorotoluene	ND		ug/L	0.500	1	EPA 8260C	09/21/2023 09:00	09/21/2023 16:29	SMA

Sample Information

Client Sample ID: **MW-9** **York Sample ID:** **23I1004-11**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23I1004	TE 23-007 Region 18	Ground Water	September 14, 2023 10:05 am	09/15/2023

VOA, 8260 RCP LOW MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
591-78-6	2-Hexanone	ND		ug/L	0.500	1	EPA 8260C	09/21/2023 09:00	09/21/2023 16:29	SMA
106-43-4	4-Chlorotoluene	ND		ug/L	0.500	1	EPA 8260C	09/21/2023 09:00	09/21/2023 16:29	SMA
108-10-1	4-Methyl-2-pentanone	ND		ug/L	0.500	1	EPA 8260C	09/21/2023 09:00	09/21/2023 16:29	SMA
67-64-1	Acetone	ND		ug/L	2.00	1	EPA 8260C	09/21/2023 09:00	09/21/2023 16:29	SMA
107-13-1	Acrylonitrile	ND		ug/L	0.500	1	EPA 8260C	09/21/2023 09:00	09/21/2023 16:29	SMA
71-43-2	Benzene	ND		ug/L	0.500	1	EPA 8260C	09/21/2023 09:00	09/21/2023 16:29	SMA
108-86-1	Bromobenzene	ND		ug/L	0.500	1	EPA 8260C	09/21/2023 09:00	09/21/2023 16:29	SMA
74-97-5	Bromochloromethane	ND		ug/L	0.500	1	EPA 8260C	09/21/2023 09:00	09/21/2023 16:29	SMA
75-27-4	Bromodichloromethane	ND		ug/L	0.500	1	EPA 8260C	09/21/2023 09:00	09/21/2023 16:29	SMA
75-25-2	Bromoform	ND		ug/L	0.500	1	EPA 8260C	09/21/2023 09:00	09/21/2023 16:29	SMA
74-83-9	Bromomethane	ND	CCVE, QL-02	ug/L	0.500	1	EPA 8260C	09/21/2023 09:00	09/21/2023 16:29	SMA
75-15-0	Carbon disulfide	ND		ug/L	0.500	1	EPA 8260C	09/21/2023 09:00	09/21/2023 16:29	SMA
56-23-5	Carbon tetrachloride	ND		ug/L	0.500	1	EPA 8260C	09/21/2023 09:00	09/21/2023 16:29	SMA
108-90-7	Chlorobenzene	ND		ug/L	0.500	1	EPA 8260C	09/21/2023 09:00	09/21/2023 16:29	SMA
75-00-3	Chloroethane	ND		ug/L	0.500	1	EPA 8260C	09/21/2023 09:00	09/21/2023 16:29	SMA
67-66-3	Chloroform	ND		ug/L	0.500	1	EPA 8260C	09/21/2023 09:00	09/21/2023 16:29	SMA
74-87-3	Chloromethane	ND		ug/L	0.500	1	EPA 8260C	09/21/2023 09:00	09/21/2023 16:29	SMA
156-59-2	cis-1,2-Dichloroethylene	ND		ug/L	0.500	1	EPA 8260C	09/21/2023 09:00	09/21/2023 16:29	SMA
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.500	1	EPA 8260C	09/21/2023 09:00	09/21/2023 16:29	SMA
124-48-1	Dibromochloromethane	ND		ug/L	0.500	1	EPA 8260C	09/21/2023 09:00	09/21/2023 16:29	SMA
74-95-3	Dibromomethane	ND		ug/L	0.500	1	EPA 8260C	09/21/2023 09:00	09/21/2023 16:29	SMA
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.500	1	EPA 8260C	09/21/2023 09:00	09/21/2023 16:29	SMA
100-41-4	Ethyl Benzene	ND		ug/L	0.500	1	EPA 8260C	09/21/2023 09:00	09/21/2023 16:29	SMA
87-68-3	Hexachlorobutadiene	ND		ug/L	0.500	1	EPA 8260C	09/21/2023 09:00	09/21/2023 16:29	SMA
98-82-8	Isopropylbenzene	ND		ug/L	0.500	1	EPA 8260C	09/21/2023 09:00	09/21/2023 16:29	SMA
80-62-6	Methyl Methacrylate	ND		ug/L	0.500	1	EPA 8260C	09/21/2023 09:00	09/21/2023 16:29	SMA
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.500	1	EPA 8260C	09/21/2023 09:00	09/21/2023 16:29	SMA
75-09-2	Methylene chloride	ND		ug/L	2.00	1	EPA 8260C	09/21/2023 09:00	09/21/2023 16:29	SMA
91-20-3	Naphthalene	ND		ug/L	2.00	1	EPA 8260C	09/21/2023 09:00	09/21/2023 16:29	SMA
104-51-8	n-Butylbenzene	ND		ug/L	0.500	1	EPA 8260C	09/21/2023 09:00	09/21/2023 16:29	SMA
103-65-1	n-Propylbenzene	ND		ug/L	0.500	1	EPA 8260C	09/21/2023 09:00	09/21/2023 16:29	SMA
95-47-6	o-Xylene	ND		ug/L	0.500	1	EPA 8260C	09/21/2023 09:00	09/21/2023 16:29	SMA
179601-23-1	p- & m- Xylenes	ND		ug/L	1.00	1	EPA 8260C	09/21/2023 09:00	09/21/2023 16:29	SMA
99-87-6	p-Isopropyltoluene	ND		ug/L	0.500	1	EPA 8260C	09/21/2023 09:00	09/21/2023 16:29	SMA
135-98-8	sec-Butylbenzene	ND		ug/L	0.500	1	EPA 8260C	09/21/2023 09:00	09/21/2023 16:29	SMA
100-42-5	Styrene	ND		ug/L	0.500	1	EPA 8260C	09/21/2023 09:00	09/21/2023 16:29	SMA
98-06-6	tert-Butylbenzene	ND		ug/L	0.500	1	EPA 8260C	09/21/2023 09:00	09/21/2023 16:29	SMA

Sample Information

Client Sample ID: MW-9 **York Sample ID:** 23I1004-11

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23I1004	TE 23-007 Region 18	Ground Water	September 14, 2023 10:05 am	09/15/2023

VOA, 8260 RCP LOW MASTER

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

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
127-18-4	Tetrachloroethylene	ND	CCVE, ICVE, QL-02	ug/L	0.500	1	EPA 8260C	09/21/2023 09:00	09/21/2023 16:29	SMA
109-99-9	Tetrahydrofuran	ND		ug/L	4.00	1	EPA 8260C	09/21/2023 09:00	09/21/2023 16:29	SMA
108-88-3	Toluene	ND		ug/L	0.500	1	EPA 8260C	09/21/2023 09:00	09/21/2023 16:29	SMA
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.500	1	EPA 8260C	09/21/2023 09:00	09/21/2023 16:29	SMA
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.500	1	EPA 8260C	09/21/2023 09:00	09/21/2023 16:29	SMA
110-57-6	trans-1,4-dichloro-2-butene	ND		ug/L	0.500	1	EPA 8260C	09/21/2023 09:00	09/21/2023 16:29	SMA
79-01-6	Trichloroethylene	ND		ug/L	0.500	1	EPA 8260C	09/21/2023 09:00	09/21/2023 16:29	SMA
75-69-4	Trichlorofluoromethane	ND		ug/L	0.500	1	EPA 8260C	09/21/2023 09:00	09/21/2023 16:29	SMA
75-01-4	Vinyl Chloride	ND		ug/L	0.500	1	EPA 8260C	09/21/2023 09:00	09/21/2023 16:29	SMA

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: SURR: 1,2-Dichloroethane-d4*	*100 %*	*70-130*
2037-26-5	*Surrogate: SURR: Toluene-d8*	*99.4 %*	*70-130*
460-00-4	*Surrogate: SURR: p-Bromofluorobenzene*	*101 %*	*70-130*

SVOA, 8270 LOW RCP MASTER

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

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
91-57-6	2-Methylnaphthalene	ND		ug/L	5.00	1	EPA 8270D	09/20/2023 08:00	09/23/2023 00:04	KH

	Surrogate Recoveries	Result	Acceptance Range
4165-60-0	*Surrogate: SURR: Nitrobenzene-d5*	*47.0 %*	*30-130*
321-60-8	*Surrogate: SURR: 2-Fluorobiphenyl*	*49.4 %*	*30-130*
1718-51-0	*Surrogate: SURR: Terphenyl-d14*	*34.5 %*	*30-130*

SVOA, 8270 SIM RCP MASTER

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

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
83-32-9	Acenaphthene	ND	ICVE	ug/L	0.0500	1	EPA 8270D SIM	09/20/2023 08:00	09/22/2023 21:59	KH
208-96-8	Acenaphthylene	ND	ICVE	ug/L	0.0500	1	EPA 8270D SIM	09/20/2023 08:00	09/22/2023 21:59	KH
120-12-7	Anthracene	ND	ICVE	ug/L	0.0500	1	EPA 8270D SIM	09/20/2023 08:00	09/22/2023 21:59	KH
56-55-3	Benzo(a)anthracene	ND	ICVE	ug/L	0.0500	1	EPA 8270D SIM	09/20/2023 08:00	09/22/2023 21:59	KH
50-32-8	Benzo(a)pyrene	ND	ICVE	ug/L	0.0500	1	EPA 8270D SIM	09/20/2023 08:00	09/22/2023 21:59	KH
205-99-2	Benzo(b)fluoranthene	ND	ICVE	ug/L	0.0500	1	EPA 8270D SIM	09/20/2023 08:00	09/22/2023 21:59	KH
191-24-2	Benzo(g,h,i)perylene	ND	ICVE	ug/L	0.0500	1	EPA 8270D SIM	09/20/2023 08:00	09/22/2023 21:59	KH
207-08-9	Benzo(k)fluoranthene	ND	ICVE	ug/L	0.0500	1	EPA 8270D SIM	09/20/2023 08:00	09/22/2023 21:59	KH
218-01-9	Chrysene	ND	ICVE	ug/L	0.0500	1	EPA 8270D SIM	09/20/2023 08:00	09/22/2023 21:59	KH
53-70-3	Dibenzo(a,h)anthracene	ND	ICVE	ug/L	0.0500	1	EPA 8270D SIM	09/20/2023 08:00	09/22/2023 21:59	KH

Sample Information

Client Sample ID: MW-9 **York Sample ID:** 23I1004-11

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23I1004	TE 23-007 Region 18	Ground Water	September 14, 2023 10:05 am	09/15/2023

SVOA, 8270 SIM RCP MASTER

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

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
206-44-0	Fluoranthene	ND	ICVE	ug/L	0.0500	1	EPA 8270D SIM	09/20/2023 08:00	09/22/2023 21:59	KH
86-73-7	Fluorene	ND	ICVE	ug/L	0.0500	1	EPA 8270D SIM	09/20/2023 08:00	09/22/2023 21:59	KH
193-39-5	Indeno(1,2,3-cd)pyrene	ND	ICVE	ug/L	0.0500	1	EPA 8270D SIM	09/20/2023 08:00	09/22/2023 21:59	KH
91-20-3	Naphthalene	ND	ICVE	ug/L	0.0500	1	EPA 8270D SIM	09/20/2023 08:00	09/22/2023 21:59	KH
85-01-8	Phenanthrene	ND	ICVE	ug/L	0.0500	1	EPA 8270D SIM	09/20/2023 08:00	09/22/2023 21:59	KH
129-00-0	Pyrene	ND	ICVE	ug/L	0.0500	1	EPA 8270D SIM	09/20/2023 08:00	09/22/2023 21:59	KH

Extractable Total Petroleum Hydrocarbons (ETPH)

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

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
CT ETPH	**ETPH (Extractable Total Petroleum Hydrocarbons)**	**0.159**		mg/L	0.150	1	CT DEP ETPH	09/19/2023 15:49	09/21/2023 18:56	GXB
	Surrogate Recoveries	**Result**		**Acceptance Range**						
3386-33-2	*Surrogate: 1-Chlorooctadecane*	*61.2 %*		*30-140*						

Sample Information

Client Sample ID: MW-15 **York Sample ID:** 23I1004-12

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23I1004	TE 23-007 Region 18	Ground Water	September 14, 2023 10:55 am	09/15/2023

VOA, 8260 RCP LOW MASTER

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

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/L	0.500	1	EPA 8260C	09/21/2023 09:00	09/21/2023 16:57	SMA
71-55-6	1,1,1-Trichloroethane	ND		ug/L	0.500	1	EPA 8260C	09/21/2023 09:00	09/21/2023 16:57	SMA
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.500	1	EPA 8260C	09/21/2023 09:00	09/21/2023 16:57	SMA
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/L	0.500	1	EPA 8260C	09/21/2023 09:00	09/21/2023 16:57	SMA
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.500	1	EPA 8260C	09/21/2023 09:00	09/21/2023 16:57	SMA
75-34-3	1,1-Dichloroethane	ND		ug/L	0.500	1	EPA 8260C	09/21/2023 09:00	09/21/2023 16:57	SMA
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.500	1	EPA 8260C	09/21/2023 09:00	09/21/2023 16:57	SMA
563-58-6	1,1-Dichloropropylene	ND		ug/L	0.500	1	EPA 8260C	09/21/2023 09:00	09/21/2023 16:57	SMA
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	0.500	1	EPA 8260C	09/21/2023 09:00	09/21/2023 16:57	SMA
96-18-4	1,2,3-Trichloropropane	ND		ug/L	0.500	1	EPA 8260C	09/21/2023 09:00	09/21/2023 16:57	SMA
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.500	1	EPA 8260C	09/21/2023 09:00	09/21/2023 16:57	SMA

Sample Information

Client Sample ID: **MW-15** **York Sample ID:** **23I1004-12**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23I1004	TE 23-007 Region 18	Ground Water	September 14, 2023 10:55 am	09/15/2023

VOA, 8260 RCP LOW MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	0.500	1	EPA 8260C	09/21/2023 09:00	09/21/2023 16:57	SMA
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.500	1	EPA 8260C	09/21/2023 09:00	09/21/2023 16:57	SMA
106-93-4	1,2-Dibromoethane	ND		ug/L	0.500	1	EPA 8260C	09/21/2023 09:00	09/21/2023 16:57	SMA
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.500	1	EPA 8260C	09/21/2023 09:00	09/21/2023 16:57	SMA
107-06-2	1,2-Dichloroethane	ND		ug/L	0.500	1	EPA 8260C	09/21/2023 09:00	09/21/2023 16:57	SMA
78-87-5	1,2-Dichloropropane	ND		ug/L	0.500	1	EPA 8260C	09/21/2023 09:00	09/21/2023 16:57	SMA
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	0.500	1	EPA 8260C	09/21/2023 09:00	09/21/2023 16:57	SMA
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.500	1	EPA 8260C	09/21/2023 09:00	09/21/2023 16:57	SMA
142-28-9	1,3-Dichloropropane	ND		ug/L	0.500	1	EPA 8260C	09/21/2023 09:00	09/21/2023 16:57	SMA
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.500	1	EPA 8260C	09/21/2023 09:00	09/21/2023 16:57	SMA
594-20-7	2,2-Dichloropropane	ND		ug/L	0.500	1	EPA 8260C	09/21/2023 09:00	09/21/2023 16:57	SMA
78-93-3	2-Butanone	ND	ICVE	ug/L	0.500	1	EPA 8260C	09/21/2023 09:00	09/21/2023 16:57	SMA
95-49-8	2-Chlorotoluene	ND		ug/L	0.500	1	EPA 8260C	09/21/2023 09:00	09/21/2023 16:57	SMA
591-78-6	2-Hexanone	ND		ug/L	0.500	1	EPA 8260C	09/21/2023 09:00	09/21/2023 16:57	SMA
106-43-4	4-Chlorotoluene	ND		ug/L	0.500	1	EPA 8260C	09/21/2023 09:00	09/21/2023 16:57	SMA
108-10-1	4-Methyl-2-pentanone	ND		ug/L	0.500	1	EPA 8260C	09/21/2023 09:00	09/21/2023 16:57	SMA
67-64-1	Acetone	ND		ug/L	2.00	1	EPA 8260C	09/21/2023 09:00	09/21/2023 16:57	SMA
107-13-1	Acrylonitrile	ND		ug/L	0.500	1	EPA 8260C	09/21/2023 09:00	09/21/2023 16:57	SMA
71-43-2	Benzene	ND		ug/L	0.500	1	EPA 8260C	09/21/2023 09:00	09/21/2023 16:57	SMA
108-86-1	Bromobenzene	ND		ug/L	0.500	1	EPA 8260C	09/21/2023 09:00	09/21/2023 16:57	SMA
74-97-5	Bromochloromethane	ND		ug/L	0.500	1	EPA 8260C	09/21/2023 09:00	09/21/2023 16:57	SMA
75-27-4	Bromodichloromethane	ND		ug/L	0.500	1	EPA 8260C	09/21/2023 09:00	09/21/2023 16:57	SMA
75-25-2	Bromoform	ND		ug/L	0.500	1	EPA 8260C	09/21/2023 09:00	09/21/2023 16:57	SMA
74-83-9	Bromomethane	ND	CCVE, QL-02	ug/L	0.500	1	EPA 8260C	09/21/2023 09:00	09/21/2023 16:57	SMA
75-15-0	Carbon disulfide	ND		ug/L	0.500	1	EPA 8260C	09/21/2023 09:00	09/21/2023 16:57	SMA
56-23-5	Carbon tetrachloride	ND		ug/L	0.500	1	EPA 8260C	09/21/2023 09:00	09/21/2023 16:57	SMA
108-90-7	Chlorobenzene	ND		ug/L	0.500	1	EPA 8260C	09/21/2023 09:00	09/21/2023 16:57	SMA
75-00-3	Chloroethane	ND		ug/L	0.500	1	EPA 8260C	09/21/2023 09:00	09/21/2023 16:57	SMA
67-66-3	Chloroform	ND		ug/L	0.500	1	EPA 8260C	09/21/2023 09:00	09/21/2023 16:57	SMA
74-87-3	Chloromethane	ND		ug/L	0.500	1	EPA 8260C	09/21/2023 09:00	09/21/2023 16:57	SMA
156-59-2	cis-1,2-Dichloroethylene	ND		ug/L	0.500	1	EPA 8260C	09/21/2023 09:00	09/21/2023 16:57	SMA
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.500	1	EPA 8260C	09/21/2023 09:00	09/21/2023 16:57	SMA
124-48-1	Dibromochloromethane	ND		ug/L	0.500	1	EPA 8260C	09/21/2023 09:00	09/21/2023 16:57	SMA
74-95-3	Dibromomethane	ND		ug/L	0.500	1	EPA 8260C	09/21/2023 09:00	09/21/2023 16:57	SMA
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.500	1	EPA 8260C	09/21/2023 09:00	09/21/2023 16:57	SMA
100-41-4	Ethyl Benzene	ND		ug/L	0.500	1	EPA 8260C	09/21/2023 09:00	09/21/2023 16:57	SMA
87-68-3	Hexachlorobutadiene	ND		ug/L	0.500	1	EPA 8260C	09/21/2023 09:00	09/21/2023 16:57	SMA
98-82-8	Isopropylbenzene	ND		ug/L	0.500	1	EPA 8260C	09/21/2023 09:00	09/21/2023 16:57	SMA

Sample Information

Client Sample ID: **MW-15** **York Sample ID:** **23I1004-12**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23I1004	TE 23-007 Region 18	Ground Water	September 14, 2023 10:55 am	09/15/2023

VOA, 8260 RCP LOW MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
80-62-6	Methyl Methacrylate	ND		ug/L	0.500	1	EPA 8260C	09/21/2023 09:00	09/21/2023 16:57	SMA
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.500	1	EPA 8260C	09/21/2023 09:00	09/21/2023 16:57	SMA
75-09-2	Methylene chloride	ND		ug/L	2.00	1	EPA 8260C	09/21/2023 09:00	09/21/2023 16:57	SMA
91-20-3	Naphthalene	ND		ug/L	2.00	1	EPA 8260C	09/21/2023 09:00	09/21/2023 16:57	SMA
104-51-8	n-Butylbenzene	ND		ug/L	0.500	1	EPA 8260C	09/21/2023 09:00	09/21/2023 16:57	SMA
103-65-1	n-Propylbenzene	ND		ug/L	0.500	1	EPA 8260C	09/21/2023 09:00	09/21/2023 16:57	SMA
95-47-6	o-Xylene	ND		ug/L	0.500	1	EPA 8260C	09/21/2023 09:00	09/21/2023 16:57	SMA
179601-23-1	p- & m- Xylenes	ND		ug/L	1.00	1	EPA 8260C	09/21/2023 09:00	09/21/2023 16:57	SMA
99-87-6	p-Isopropyltoluene	ND		ug/L	0.500	1	EPA 8260C	09/21/2023 09:00	09/21/2023 16:57	SMA
135-98-8	sec-Butylbenzene	ND		ug/L	0.500	1	EPA 8260C	09/21/2023 09:00	09/21/2023 16:57	SMA
100-42-5	Styrene	ND		ug/L	0.500	1	EPA 8260C	09/21/2023 09:00	09/21/2023 16:57	SMA
98-06-6	tert-Butylbenzene	ND		ug/L	0.500	1	EPA 8260C	09/21/2023 09:00	09/21/2023 16:57	SMA
127-18-4	Tetrachloroethylene	ND	CCVE, ICVE, QL-02	ug/L	0.500	1	EPA 8260C	09/21/2023 09:00	09/21/2023 16:57	SMA
109-99-9	Tetrahydrofuran	ND		ug/L	4.00	1	EPA 8260C	09/21/2023 09:00	09/21/2023 16:57	SMA
108-88-3	Toluene	ND		ug/L	0.500	1	EPA 8260C	09/21/2023 09:00	09/21/2023 16:57	SMA
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.500	1	EPA 8260C	09/21/2023 09:00	09/21/2023 16:57	SMA
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.500	1	EPA 8260C	09/21/2023 09:00	09/21/2023 16:57	SMA
110-57-6	trans-1,4-dichloro-2-butene	ND		ug/L	0.500	1	EPA 8260C	09/21/2023 09:00	09/21/2023 16:57	SMA
79-01-6	Trichloroethylene	ND		ug/L	0.500	1	EPA 8260C	09/21/2023 09:00	09/21/2023 16:57	SMA
75-69-4	Trichlorofluoromethane	ND		ug/L	0.500	1	EPA 8260C	09/21/2023 09:00	09/21/2023 16:57	SMA
75-01-4	Vinyl Chloride	ND		ug/L	0.500	1	EPA 8260C	09/21/2023 09:00	09/21/2023 16:57	SMA

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: SURR: 1,2-Dichloroethane-d4*	*99.6 %*	*70-130*
2037-26-5	*Surrogate: SURR: Toluene-d8*	*99.8 %*	*70-130*
460-00-4	*Surrogate: SURR: p-Bromofluorobenzene*	*102 %*	*70-130*

Sample Information

Client Sample ID: **MW-15** **York Sample ID:** **23I1004-12**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23I1004	TE 23-007 Region 18	Ground Water	September 14, 2023 10:55 am	09/15/2023

SVOA, 8270 LOW RCP MASTER

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

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
91-57-6	2-Methylnaphthalene	ND		ug/L	5.00	1	EPA 8270D	09/20/2023 08:00	09/23/2023 00:35	KH
	Surrogate Recoveries	**Result**			**Acceptance Range**					
4165-60-0	*Surrogate: SURR: Nitrobenzene-d5*	*36.2 %*			*30-130*					
321-60-8	*Surrogate: SURR: 2-Fluorobiphenyl*	*40.1 %*			*30-130*					
1718-51-0	*Surrogate: SURR: Terphenyl-d14*	*14.5 %*	S-08		*30-130*					

SVOA, 8270 SIM RCP MASTER

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

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
83-32-9	Acenaphthene	ND	ICVE	ug/L	0.0500	1	EPA 8270D SIM	09/20/2023 08:00	09/22/2023 22:30	KH
208-96-8	Acenaphthylene	ND	ICVE	ug/L	0.0500	1	EPA 8270D SIM	09/20/2023 08:00	09/22/2023 22:30	KH
120-12-7	Anthracene	ND	ICVE	ug/L	0.0500	1	EPA 8270D SIM	09/20/2023 08:00	09/22/2023 22:30	KH
56-55-3	Benzo(a)anthracene	ND	ICVE	ug/L	0.0500	1	EPA 8270D SIM	09/20/2023 08:00	09/22/2023 22:30	KH
50-32-8	Benzo(a)pyrene	ND	ICVE	ug/L	0.0500	1	EPA 8270D SIM	09/20/2023 08:00	09/22/2023 22:30	KH
205-99-2	Benzo(b)fluoranthene	ND	ICVE	ug/L	0.0500	1	EPA 8270D SIM	09/20/2023 08:00	09/22/2023 22:30	KH
191-24-2	Benzo(g,h,i)perylene	ND	ICVE	ug/L	0.0500	1	EPA 8270D SIM	09/20/2023 08:00	09/22/2023 22:30	KH
207-08-9	Benzo(k)fluoranthene	ND	ICVE	ug/L	0.0500	1	EPA 8270D SIM	09/20/2023 08:00	09/22/2023 22:30	KH
218-01-9	Chrysene	ND	ICVE	ug/L	0.0500	1	EPA 8270D SIM	09/20/2023 08:00	09/22/2023 22:30	KH
53-70-3	Dibenzo(a,h)anthracene	ND	ICVE	ug/L	0.0500	1	EPA 8270D SIM	09/20/2023 08:00	09/22/2023 22:30	KH
206-44-0	Fluoranthene	ND	ICVE	ug/L	0.0500	1	EPA 8270D SIM	09/20/2023 08:00	09/22/2023 22:30	KH
86-73-7	Fluorene	ND	ICVE	ug/L	0.0500	1	EPA 8270D SIM	09/20/2023 08:00	09/22/2023 22:30	KH
193-39-5	Indeno(1,2,3-cd)pyrene	ND	ICVE	ug/L	0.0500	1	EPA 8270D SIM	09/20/2023 08:00	09/22/2023 22:30	KH
91-20-3	Naphthalene	ND	ICVE	ug/L	0.0500	1	EPA 8270D SIM	09/20/2023 08:00	09/22/2023 22:30	KH
85-01-8	Phenanthrene	ND	ICVE	ug/L	0.0500	1	EPA 8270D SIM	09/20/2023 08:00	09/22/2023 22:30	KH
129-00-0	Pyrene	ND	ICVE	ug/L	0.0500	1	EPA 8270D SIM	09/20/2023 08:00	09/22/2023 22:30	KH

Extractable Total Petroleum Hydrocarbons (ETPH)

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

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
CT ETPH	**ETPH (Extractable Total Petroleum Hydrocarbons)**	**0.155**		mg/L	0.150	1	CT DEP ETPH	09/19/2023 15:49	09/21/2023 19:34	GXB
	Surrogate Recoveries	**Result**			**Acceptance Range**					
3386-33-2	*Surrogate: 1-Chlorooctadecane*	*57.2 %*			*30-140*					

Sample Information

Client Sample ID: **MW-16** **York Sample ID:** **23I1004-13**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23I1004	TE 23-007 Region 18	Ground Water	September 14, 2023 11:55 am	09/15/2023

VOA, 8260 RCP LOW MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/L	0.500	1	EPA 8260C	09/21/2023 09:00	09/21/2023 17:26	SMA
71-55-6	1,1,1-Trichloroethane	ND		ug/L	0.500	1	EPA 8260C	09/21/2023 09:00	09/21/2023 17:26	SMA
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.500	1	EPA 8260C	09/21/2023 09:00	09/21/2023 17:26	SMA
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/L	0.500	1	EPA 8260C	09/21/2023 09:00	09/21/2023 17:26	SMA
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.500	1	EPA 8260C	09/21/2023 09:00	09/21/2023 17:26	SMA
75-34-3	1,1-Dichloroethane	ND		ug/L	0.500	1	EPA 8260C	09/21/2023 09:00	09/21/2023 17:26	SMA
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.500	1	EPA 8260C	09/21/2023 09:00	09/21/2023 17:26	SMA
563-58-6	1,1-Dichloropropylene	ND		ug/L	0.500	1	EPA 8260C	09/21/2023 09:00	09/21/2023 17:26	SMA
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	0.500	1	EPA 8260C	09/21/2023 09:00	09/21/2023 17:26	SMA
96-18-4	1,2,3-Trichloropropane	ND		ug/L	0.500	1	EPA 8260C	09/21/2023 09:00	09/21/2023 17:26	SMA
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.500	1	EPA 8260C	09/21/2023 09:00	09/21/2023 17:26	SMA
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	0.500	1	EPA 8260C	09/21/2023 09:00	09/21/2023 17:26	SMA
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.500	1	EPA 8260C	09/21/2023 09:00	09/21/2023 17:26	SMA
106-93-4	1,2-Dibromoethane	ND		ug/L	0.500	1	EPA 8260C	09/21/2023 09:00	09/21/2023 17:26	SMA
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.500	1	EPA 8260C	09/21/2023 09:00	09/21/2023 17:26	SMA
107-06-2	1,2-Dichloroethane	ND		ug/L	0.500	1	EPA 8260C	09/21/2023 09:00	09/21/2023 17:26	SMA
78-87-5	1,2-Dichloropropane	ND		ug/L	0.500	1	EPA 8260C	09/21/2023 09:00	09/21/2023 17:26	SMA
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	0.500	1	EPA 8260C	09/21/2023 09:00	09/21/2023 17:26	SMA
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.500	1	EPA 8260C	09/21/2023 09:00	09/21/2023 17:26	SMA
142-28-9	1,3-Dichloropropane	ND		ug/L	0.500	1	EPA 8260C	09/21/2023 09:00	09/21/2023 17:26	SMA
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.500	1	EPA 8260C	09/21/2023 09:00	09/21/2023 17:26	SMA
594-20-7	2,2-Dichloropropane	ND		ug/L	0.500	1	EPA 8260C	09/21/2023 09:00	09/21/2023 17:26	SMA
78-93-3	2-Butanone	ND	ICVE	ug/L	0.500	1	EPA 8260C	09/21/2023 09:00	09/21/2023 17:26	SMA
95-49-8	2-Chlorotoluene	ND		ug/L	0.500	1	EPA 8260C	09/21/2023 09:00	09/21/2023 17:26	SMA
591-78-6	2-Hexanone	ND		ug/L	0.500	1	EPA 8260C	09/21/2023 09:00	09/21/2023 17:26	SMA
106-43-4	4-Chlorotoluene	ND		ug/L	0.500	1	EPA 8260C	09/21/2023 09:00	09/21/2023 17:26	SMA
108-10-1	4-Methyl-2-pentanone	ND		ug/L	0.500	1	EPA 8260C	09/21/2023 09:00	09/21/2023 17:26	SMA
67-64-1	Acetone	ND		ug/L	2.00	1	EPA 8260C	09/21/2023 09:00	09/21/2023 17:26	SMA
107-13-1	Acrylonitrile	ND		ug/L	0.500	1	EPA 8260C	09/21/2023 09:00	09/21/2023 17:26	SMA
71-43-2	Benzene	ND		ug/L	0.500	1	EPA 8260C	09/21/2023 09:00	09/21/2023 17:26	SMA
108-86-1	Bromobenzene	ND		ug/L	0.500	1	EPA 8260C	09/21/2023 09:00	09/21/2023 17:26	SMA
74-97-5	Bromochloromethane	ND		ug/L	0.500	1	EPA 8260C	09/21/2023 09:00	09/21/2023 17:26	SMA
75-27-4	Bromodichloromethane	ND		ug/L	0.500	1	EPA 8260C	09/21/2023 09:00	09/21/2023 17:26	SMA
75-25-2	Bromoform	ND		ug/L	0.500	1	EPA 8260C	09/21/2023 09:00	09/21/2023 17:26	SMA
74-83-9	Bromomethane	ND	CCVE, QL-02	ug/L	0.500	1	EPA 8260C	09/21/2023 09:00	09/21/2023 17:26	SMA
75-15-0	Carbon disulfide	ND		ug/L	0.500	1	EPA 8260C	09/21/2023 09:00	09/21/2023 17:26	SMA

Sample Information

Client Sample ID: **MW-16** **York Sample ID:** **23I1004-13**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23I1004	TE 23-007 Region 18	Ground Water	September 14, 2023 11:55 am	09/15/2023

VOA, 8260 RCP LOW MASTER

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

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
56-23-5	Carbon tetrachloride	ND		ug/L	0.500	1	EPA 8260C	09/21/2023 09:00	09/21/2023 17:26	SMA
108-90-7	Chlorobenzene	ND		ug/L	0.500	1	EPA 8260C	09/21/2023 09:00	09/21/2023 17:26	SMA
75-00-3	Chloroethane	ND		ug/L	0.500	1	EPA 8260C	09/21/2023 09:00	09/21/2023 17:26	SMA
67-66-3	Chloroform	ND		ug/L	0.500	1	EPA 8260C	09/21/2023 09:00	09/21/2023 17:26	SMA
74-87-3	Chloromethane	ND		ug/L	0.500	1	EPA 8260C	09/21/2023 09:00	09/21/2023 17:26	SMA
156-59-2	cis-1,2-Dichloroethylene	ND		ug/L	0.500	1	EPA 8260C	09/21/2023 09:00	09/21/2023 17:26	SMA
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.500	1	EPA 8260C	09/21/2023 09:00	09/21/2023 17:26	SMA
124-48-1	Dibromochloromethane	ND		ug/L	0.500	1	EPA 8260C	09/21/2023 09:00	09/21/2023 17:26	SMA
74-95-3	Dibromomethane	ND		ug/L	0.500	1	EPA 8260C	09/21/2023 09:00	09/21/2023 17:26	SMA
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.500	1	EPA 8260C	09/21/2023 09:00	09/21/2023 17:26	SMA
100-41-4	Ethyl Benzene	ND		ug/L	0.500	1	EPA 8260C	09/21/2023 09:00	09/21/2023 17:26	SMA
87-68-3	Hexachlorobutadiene	ND		ug/L	0.500	1	EPA 8260C	09/21/2023 09:00	09/21/2023 17:26	SMA
98-82-8	Isopropylbenzene	ND		ug/L	0.500	1	EPA 8260C	09/21/2023 09:00	09/21/2023 17:26	SMA
80-62-6	Methyl Methacrylate	ND		ug/L	0.500	1	EPA 8260C	09/21/2023 09:00	09/21/2023 17:26	SMA
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.500	1	EPA 8260C	09/21/2023 09:00	09/21/2023 17:26	SMA
75-09-2	Methylene chloride	ND		ug/L	2.00	1	EPA 8260C	09/21/2023 09:00	09/21/2023 17:26	SMA
91-20-3	Naphthalene	ND		ug/L	2.00	1	EPA 8260C	09/21/2023 09:00	09/21/2023 17:26	SMA
104-51-8	n-Butylbenzene	ND		ug/L	0.500	1	EPA 8260C	09/21/2023 09:00	09/21/2023 17:26	SMA
103-65-1	n-Propylbenzene	ND		ug/L	0.500	1	EPA 8260C	09/21/2023 09:00	09/21/2023 17:26	SMA
95-47-6	o-Xylene	ND		ug/L	0.500	1	EPA 8260C	09/21/2023 09:00	09/21/2023 17:26	SMA
179601-23-1	p- & m- Xylenes	ND		ug/L	1.00	1	EPA 8260C	09/21/2023 09:00	09/21/2023 17:26	SMA
99-87-6	p-Isopropyltoluene	ND		ug/L	0.500	1	EPA 8260C	09/21/2023 09:00	09/21/2023 17:26	SMA
135-98-8	sec-Butylbenzene	ND		ug/L	0.500	1	EPA 8260C	09/21/2023 09:00	09/21/2023 17:26	SMA
100-42-5	Styrene	ND		ug/L	0.500	1	EPA 8260C	09/21/2023 09:00	09/21/2023 17:26	SMA
98-06-6	tert-Butylbenzene	ND		ug/L	0.500	1	EPA 8260C	09/21/2023 09:00	09/21/2023 17:26	SMA
127-18-4	Tetrachloroethylene	ND	CCVE, ICVE, QL-02	ug/L	0.500	1	EPA 8260C	09/21/2023 09:00	09/21/2023 17:26	SMA
109-99-9	Tetrahydrofuran	ND		ug/L	4.00	1	EPA 8260C	09/21/2023 09:00	09/21/2023 17:26	SMA
108-88-3	Toluene	ND		ug/L	0.500	1	EPA 8260C	09/21/2023 09:00	09/21/2023 17:26	SMA
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.500	1	EPA 8260C	09/21/2023 09:00	09/21/2023 17:26	SMA
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.500	1	EPA 8260C	09/21/2023 09:00	09/21/2023 17:26	SMA
110-57-6	trans-1,4-dichloro-2-butene	ND		ug/L	0.500	1	EPA 8260C	09/21/2023 09:00	09/21/2023 17:26	SMA
79-01-6	Trichloroethylene	ND		ug/L	0.500	1	EPA 8260C	09/21/2023 09:00	09/21/2023 17:26	SMA
75-69-4	Trichlorofluoromethane	ND		ug/L	0.500	1	EPA 8260C	09/21/2023 09:00	09/21/2023 17:26	SMA
75-01-4	Vinyl Chloride	ND		ug/L	0.500	1	EPA 8260C	09/21/2023 09:00	09/21/2023 17:26	SMA

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: SURR: 1,2-Dichloroethane-d4*	*99.0 %*	*70-130*
2037-26-5	*Surrogate: SURR: Toluene-d8*	*100 %*	*70-130*

Sample Information

Client Sample ID: **MW-16** **York Sample ID:** **23I1004-13**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23I1004	TE 23-007 Region 18	Ground Water	September 14, 2023 11:55 am	09/15/2023

VOA, 8260 RCP LOW MASTER

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

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
460-00-4	*Surrogate: SURR: p-Bromofluorobenzene*	*102 %*			*70-130*					

SVOA, 8270 LOW RCP MASTER

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

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
91-57-6	2-Methylnaphthalene	ND		ug/L	5.00	1	EPA 8270D	09/20/2023 08:00	09/23/2023 01:06	KH
	Surrogate Recoveries	**Result**			**Acceptance Range**					
4165-60-0	*Surrogate: SURR: Nitrobenzene-d5*	*45.9 %*			*30-130*					
321-60-8	*Surrogate: SURR: 2-Fluorobiphenyl*	*54.0 %*			*30-130*					
1718-51-0	*Surrogate: SURR: Terphenyl-d14*	*40.6 %*			*30-130*					

SVOA, 8270 SIM RCP MASTER

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

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
83-32-9	Acenaphthene	ND	ICVE	ug/L	0.0500	1	EPA 8270D SIM	09/20/2023 08:00	09/22/2023 23:01	KH
208-96-8	Acenaphthylene	ND	ICVE	ug/L	0.0500	1	EPA 8270D SIM	09/20/2023 08:00	09/22/2023 23:01	KH
120-12-7	Anthracene	ND	ICVE	ug/L	0.0500	1	EPA 8270D SIM	09/20/2023 08:00	09/22/2023 23:01	KH
56-55-3	Benzo(a)anthracene	ND	ICVE	ug/L	0.0500	1	EPA 8270D SIM	09/20/2023 08:00	09/22/2023 23:01	KH
50-32-8	Benzo(a)pyrene	ND	ICVE	ug/L	0.0500	1	EPA 8270D SIM	09/20/2023 08:00	09/22/2023 23:01	KH
205-99-2	Benzo(b)fluoranthene	ND	ICVE	ug/L	0.0500	1	EPA 8270D SIM	09/20/2023 08:00	09/22/2023 23:01	KH
191-24-2	Benzo(g,h,i)perylene	ND	ICVE	ug/L	0.0500	1	EPA 8270D SIM	09/20/2023 08:00	09/22/2023 23:01	KH
207-08-9	Benzo(k)fluoranthene	ND	ICVE	ug/L	0.0500	1	EPA 8270D SIM	09/20/2023 08:00	09/22/2023 23:01	KH
218-01-9	Chrysene	ND	ICVE	ug/L	0.0500	1	EPA 8270D SIM	09/20/2023 08:00	09/22/2023 23:01	KH
53-70-3	Dibenzo(a,h)anthracene	ND	ICVE	ug/L	0.0500	1	EPA 8270D SIM	09/20/2023 08:00	09/22/2023 23:01	KH
206-44-0	Fluoranthene	ND	ICVE	ug/L	0.0500	1	EPA 8270D SIM	09/20/2023 08:00	09/22/2023 23:01	KH
86-73-7	Fluorene	ND	ICVE	ug/L	0.0500	1	EPA 8270D SIM	09/20/2023 08:00	09/22/2023 23:01	KH
193-39-5	Indeno(1,2,3-cd)pyrene	ND	ICVE	ug/L	0.0500	1	EPA 8270D SIM	09/20/2023 08:00	09/22/2023 23:01	KH
91-20-3	Naphthalene	ND	ICVE	ug/L	0.0500	1	EPA 8270D SIM	09/20/2023 08:00	09/22/2023 23:01	KH
85-01-8	Phenanthrene	ND	ICVE	ug/L	0.0500	1	EPA 8270D SIM	09/20/2023 08:00	09/22/2023 23:01	KH
129-00-0	Pyrene	ND	ICVE	ug/L	0.0500	1	EPA 8270D SIM	09/20/2023 08:00	09/22/2023 23:01	KH

Extractable Total Petroleum Hydrocarbons (ETPH)

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

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
CT ETPH	**ETPH (Extractable Total Petroleum Hydrocarbons)**	**0.170**		mg/L	0.150	1	CT DEP ETPH	09/19/2023 15:49	09/21/2023 20:12	GXB
	Surrogate Recoveries	**Result**			**Acceptance Range**					

Sample Information

Client Sample ID: **MW-16** **York Sample ID:** **23I1004-13**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23I1004	TE 23-007 Region 18	Ground Water	September 14, 2023 11:55 am	09/15/2023

Extractable Total Petroleum Hydrocarbons (ETPH) **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
3386-33-2	*Surrogate: 1-Chlorooctadecane*	*82.7 %*			*30-140*					

Sample Information

Client Sample ID: **MW-10R** **York Sample ID:** **23I1004-14**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23I1004	TE 23-007 Region 18	Ground Water	September 14, 2023 12:35 pm	09/15/2023

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

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/L	2.50	5	EPA 8260C	09/21/2023 09:00	09/21/2023 17:54	SMA
71-55-6	1,1,1-Trichloroethane	ND		ug/L	2.50	5	EPA 8260C	09/21/2023 09:00	09/21/2023 17:54	SMA
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	2.50	5	EPA 8260C	09/21/2023 09:00	09/21/2023 17:54	SMA
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/L	2.50	5	EPA 8260C	09/21/2023 09:00	09/21/2023 17:54	SMA
79-00-5	1,1,2-Trichloroethane	ND		ug/L	2.50	5	EPA 8260C	09/21/2023 09:00	09/21/2023 17:54	SMA
75-34-3	1,1-Dichloroethane	ND		ug/L	2.50	5	EPA 8260C	09/21/2023 09:00	09/21/2023 17:54	SMA
75-35-4	1,1-Dichloroethylene	ND		ug/L	2.50	5	EPA 8260C	09/21/2023 09:00	09/21/2023 17:54	SMA
563-58-6	1,1-Dichloropropylene	ND		ug/L	2.50	5	EPA 8260C	09/21/2023 09:00	09/21/2023 17:54	SMA
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	2.50	5	EPA 8260C	09/21/2023 09:00	09/21/2023 17:54	SMA
96-18-4	1,2,3-Trichloropropane	ND		ug/L	2.50	5	EPA 8260C	09/21/2023 09:00	09/21/2023 17:54	SMA
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	2.50	5	EPA 8260C	09/21/2023 09:00	09/21/2023 17:54	SMA
95-63-6	**1,2,4-Trimethylbenzene**	**53.0**		ug/L	2.50	5	EPA 8260C	09/21/2023 09:00	09/21/2023 17:54	SMA
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	2.50	5	EPA 8260C	09/21/2023 09:00	09/21/2023 17:54	SMA
106-93-4	1,2-Dibromoethane	ND		ug/L	2.50	5	EPA 8260C	09/21/2023 09:00	09/21/2023 17:54	SMA
95-50-1	1,2-Dichlorobenzene	ND		ug/L	2.50	5	EPA 8260C	09/21/2023 09:00	09/21/2023 17:54	SMA
107-06-2	1,2-Dichloroethane	ND		ug/L	2.50	5	EPA 8260C	09/21/2023 09:00	09/21/2023 17:54	SMA
78-87-5	1,2-Dichloropropane	ND		ug/L	2.50	5	EPA 8260C	09/21/2023 09:00	09/21/2023 17:54	SMA
108-67-8	**1,3,5-Trimethylbenzene**	**7.75**		ug/L	2.50	5	EPA 8260C	09/21/2023 09:00	09/21/2023 17:54	SMA
541-73-1	1,3-Dichlorobenzene	ND		ug/L	2.50	5	EPA 8260C	09/21/2023 09:00	09/21/2023 17:54	SMA
142-28-9	1,3-Dichloropropane	ND		ug/L	2.50	5	EPA 8260C	09/21/2023 09:00	09/21/2023 17:54	SMA
106-46-7	1,4-Dichlorobenzene	ND		ug/L	2.50	5	EPA 8260C	09/21/2023 09:00	09/21/2023 17:54	SMA
594-20-7	2,2-Dichloropropane	ND		ug/L	2.50	5	EPA 8260C	09/21/2023 09:00	09/21/2023 17:54	SMA
78-93-3	**2-Butanone**	**1040**	ICVE	ug/L	25.0	50	EPA 8260C	09/22/2023 09:00	09/22/2023 13:40	SMA
95-49-8	2-Chlorotoluene	ND		ug/L	2.50	5	EPA 8260C	09/21/2023 09:00	09/21/2023 17:54	SMA
591-78-6	**2-Hexanone**	**3.50**		ug/L	2.50	5	EPA 8260C	09/21/2023 09:00	09/21/2023 17:54	SMA

Sample Information

Client Sample ID: **MW-10R** **York Sample ID:** **23I1004-14**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23I1004	TE 23-007 Region 18	Ground Water	September 14, 2023 12:35 pm	09/15/2023

VOA, 8260 RCP LOW MASTER

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

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
106-43-4	4-Chlorotoluene	ND		ug/L	2.50	5	EPA 8260C	09/21/2023 09:00	09/21/2023 17:54	SMA
108-10-1	4-Methyl-2-pentanone	ND		ug/L	2.50	5	EPA 8260C	09/21/2023 09:00	09/21/2023 17:54	SMA
67-64-1	**Acetone**	**634**	ICVE, QL-02	ug/L	100	50	EPA 8260C	09/22/2023 09:00	09/22/2023 13:40	SMA
107-13-1	Acrylonitrile	ND		ug/L	2.50	5	EPA 8260C	09/21/2023 09:00	09/21/2023 17:54	SMA
71-43-2	**Benzene**	**8.40**		ug/L	2.50	5	EPA 8260C	09/21/2023 09:00	09/21/2023 17:54	SMA
108-86-1	Bromobenzene	ND		ug/L	2.50	5	EPA 8260C	09/21/2023 09:00	09/21/2023 17:54	SMA
74-97-5	Bromochloromethane	ND		ug/L	2.50	5	EPA 8260C	09/21/2023 09:00	09/21/2023 17:54	SMA
75-27-4	Bromodichloromethane	ND		ug/L	2.50	5	EPA 8260C	09/21/2023 09:00	09/21/2023 17:54	SMA
75-25-2	Bromoform	ND		ug/L	2.50	5	EPA 8260C	09/21/2023 09:00	09/21/2023 17:54	SMA
74-83-9	Bromomethane	ND	CCVE, QL-02	ug/L	2.50	5	EPA 8260C	09/21/2023 09:00	09/21/2023 17:54	SMA
75-15-0	Carbon disulfide	ND		ug/L	2.50	5	EPA 8260C	09/21/2023 09:00	09/21/2023 17:54	SMA
56-23-5	Carbon tetrachloride	ND		ug/L	2.50	5	EPA 8260C	09/21/2023 09:00	09/21/2023 17:54	SMA
108-90-7	Chlorobenzene	ND		ug/L	2.50	5	EPA 8260C	09/21/2023 09:00	09/21/2023 17:54	SMA
75-00-3	Chloroethane	ND		ug/L	2.50	5	EPA 8260C	09/21/2023 09:00	09/21/2023 17:54	SMA
67-66-3	Chloroform	ND		ug/L	2.50	5	EPA 8260C	09/21/2023 09:00	09/21/2023 17:54	SMA
74-87-3	Chloromethane	ND		ug/L	2.50	5	EPA 8260C	09/21/2023 09:00	09/21/2023 17:54	SMA
156-59-2	cis-1,2-Dichloroethylene	ND		ug/L	2.50	5	EPA 8260C	09/21/2023 09:00	09/21/2023 17:54	SMA
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	2.50	5	EPA 8260C	09/21/2023 09:00	09/21/2023 17:54	SMA
124-48-1	Dibromochloromethane	ND		ug/L	2.50	5	EPA 8260C	09/21/2023 09:00	09/21/2023 17:54	SMA
74-95-3	Dibromomethane	ND		ug/L	2.50	5	EPA 8260C	09/21/2023 09:00	09/21/2023 17:54	SMA
75-71-8	Dichlorodifluoromethane	ND		ug/L	2.50	5	EPA 8260C	09/21/2023 09:00	09/21/2023 17:54	SMA
100-41-4	**Ethyl Benzene**	**24.4**		ug/L	2.50	5	EPA 8260C	09/21/2023 09:00	09/21/2023 17:54	SMA
87-68-3	Hexachlorobutadiene	ND		ug/L	2.50	5	EPA 8260C	09/21/2023 09:00	09/21/2023 17:54	SMA
98-82-8	**Isopropylbenzene**	**4.40**		ug/L	2.50	5	EPA 8260C	09/21/2023 09:00	09/21/2023 17:54	SMA
80-62-6	Methyl Methacrylate	ND		ug/L	2.50	5	EPA 8260C	09/21/2023 09:00	09/21/2023 17:54	SMA
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	2.50	5	EPA 8260C	09/21/2023 09:00	09/21/2023 17:54	SMA
75-09-2	Methylene chloride	ND		ug/L	10.0	5	EPA 8260C	09/21/2023 09:00	09/21/2023 17:54	SMA
91-20-3	Naphthalene	ND		ug/L	10.0	5	EPA 8260C	09/21/2023 09:00	09/21/2023 17:54	SMA
104-51-8	n-Butylbenzene	ND		ug/L	2.50	5	EPA 8260C	09/21/2023 09:00	09/21/2023 17:54	SMA
103-65-1	**n-Propylbenzene**	**5.95**		ug/L	2.50	5	EPA 8260C	09/21/2023 09:00	09/21/2023 17:54	SMA
95-47-6	**o-Xylene**	**19.8**		ug/L	2.50	5	EPA 8260C	09/21/2023 09:00	09/21/2023 17:54	SMA
179601-23-1	**p- & m- Xylenes**	**52.8**		ug/L	5.00	5	EPA 8260C	09/21/2023 09:00	09/21/2023 17:54	SMA
99-87-6	p-Isopropyltoluene	ND		ug/L	2.50	5	EPA 8260C	09/21/2023 09:00	09/21/2023 17:54	SMA
135-98-8	sec-Butylbenzene	ND		ug/L	2.50	5	EPA 8260C	09/21/2023 09:00	09/21/2023 17:54	SMA
100-42-5	Styrene	ND		ug/L	2.50	5	EPA 8260C	09/21/2023 09:00	09/21/2023 17:54	SMA
98-06-6	tert-Butylbenzene	ND		ug/L	2.50	5	EPA 8260C	09/21/2023 09:00	09/21/2023 17:54	SMA
127-18-4	Tetrachloroethylene	ND	CCVE, ICVE, QL-02	ug/L	2.50	5	EPA 8260C	09/21/2023 09:00	09/21/2023 17:54	SMA

Sample Information

Client Sample ID: **MW-10R** **York Sample ID:** **23I1004-14**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23I1004	TE 23-007 Region 18	Ground Water	September 14, 2023 12:35 pm	09/15/2023

VOA, 8260 RCP LOW MASTER

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

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
109-99-9	Tetrahydrofuran	ND		ug/L	20.0	5	EPA 8260C	09/21/2023 09:00	09/21/2023 17:54	SMA
108-88-3	**Toluene**	**3.35**		ug/L	2.50	5	EPA 8260C	09/21/2023 09:00	09/21/2023 17:54	SMA
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	2.50	5	EPA 8260C	09/21/2023 09:00	09/21/2023 17:54	SMA
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	2.50	5	EPA 8260C	09/21/2023 09:00	09/21/2023 17:54	SMA
110-57-6	trans-1,4-dichloro-2-butene	ND		ug/L	2.50	5	EPA 8260C	09/21/2023 09:00	09/21/2023 17:54	SMA
79-01-6	Trichloroethylene	ND		ug/L	2.50	5	EPA 8260C	09/21/2023 09:00	09/21/2023 17:54	SMA
75-69-4	Trichlorofluoromethane	ND		ug/L	2.50	5	EPA 8260C	09/21/2023 09:00	09/21/2023 17:54	SMA
75-01-4	Vinyl Chloride	ND		ug/L	2.50	5	EPA 8260C	09/21/2023 09:00	09/21/2023 17:54	SMA

	Surrogate Recoveries	Result		Acceptance Range
17060-07-0	*Surrogate: SURR: 1,2-Dichloroethane-d4*	*98.6 %*		*70-130*
2037-26-5	*Surrogate: SURR: Toluene-d8*	*100 %*		*70-130*
460-00-4	*Surrogate: SURR: p-Bromofluorobenzene*	*101 %*		*70-130*

SVOA, 8270 LOW RCP MASTER

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

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
91-57-6	2-Methylnaphthalene	ND		ug/L	5.00	1	EPA 8270D	09/20/2023 08:00	09/23/2023 01:37	KH

	Surrogate Recoveries	Result		Acceptance Range
4165-60-0	*Surrogate: SURR: Nitrobenzene-d5*	*11.9 %*	S-08	*30-130*
321-60-8	*Surrogate: SURR: 2-Fluorobiphenyl*	*60.4 %*		*30-130*
1718-51-0	*Surrogate: SURR: Terphenyl-d14*	*26.2 %*	S-08	*30-130*

SVOA, 8270 SIM RCP MASTER

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

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
83-32-9	**Acenaphthene**	**0.130**		ug/L	0.0500	1	EPA 8270D SIM	09/20/2023 08:00	09/22/2023 23:31	KH
208-96-8	**Acenaphthylene**	**0.0600**		ug/L	0.0500	1	EPA 8270D SIM	09/20/2023 08:00	09/22/2023 23:31	KH
120-12-7	Anthracene	ND		ug/L	0.0500	1	EPA 8270D SIM	09/20/2023 08:00	09/22/2023 23:31	KH
56-55-3	Benzo(a)anthracene	ND		ug/L	0.0500	1	EPA 8270D SIM	09/20/2023 08:00	09/22/2023 23:31	KH
50-32-8	Benzo(a)pyrene	ND		ug/L	0.0500	1	EPA 8270D SIM	09/20/2023 08:00	09/22/2023 23:31	KH
205-99-2	Benzo(b)fluoranthene	ND		ug/L	0.0500	1	EPA 8270D SIM	09/20/2023 08:00	09/22/2023 23:31	KH
191-24-2	Benzo(g,h,i)perylene	ND		ug/L	0.0500	1	EPA 8270D SIM	09/20/2023 08:00	09/22/2023 23:31	KH
207-08-9	Benzo(k)fluoranthene	ND		ug/L	0.0500	1	EPA 8270D SIM	09/20/2023 08:00	09/22/2023 23:31	KH
218-01-9	Chrysene	ND		ug/L	0.0500	1	EPA 8270D SIM	09/20/2023 08:00	09/22/2023 23:31	KH
53-70-3	Dibenzo(a,h)anthracene	ND		ug/L	0.0500	1	EPA 8270D SIM	09/20/2023 08:00	09/22/2023 23:31	KH
206-44-0	Fluoranthene	ND		ug/L	0.0500	1	EPA 8270D SIM	09/20/2023 08:00	09/22/2023 23:31	KH
86-73-7	**Fluorene**	**0.210**		ug/L	0.0500	1	EPA 8270D SIM	09/20/2023 08:00	09/22/2023 23:31	KH
193-39-5	Indeno(1,2,3-cd)pyrene	ND		ug/L	0.0500	1	EPA 8270D SIM	09/20/2023 08:00	09/22/2023 23:31	KH

Sample Information

Client Sample ID: **MW-10R** **York Sample ID:** **23I1004-14**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23I1004	TE 23-007 Region 18	Ground Water	September 14, 2023 12:35 pm	09/15/2023

SVOA, 8270 SIM RCP MASTER

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

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
91-20-3	**Naphthalene**	**3.01**		ug/L	0.0500	1	EPA 8270D SIM	09/20/2023 08:00	09/22/2023 23:31	KH
85-01-8	**Phenanthrene**	**0.0500**		ug/L	0.0500	1	EPA 8270D SIM	09/20/2023 08:00	09/22/2023 23:31	KH
129-00-0	Pyrene	ND		ug/L	0.0500	1	EPA 8270D SIM	09/20/2023 08:00	09/22/2023 23:31	KH

Extractable Total Petroleum Hydrocarbons (ETPH)

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

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
CT ETPH	**ETPH (Extractable Total Petroleum Hydrocarbons)**	**1.18**		mg/L	0.150	1	CT DEP ETPH	09/19/2023 15:49	09/21/2023 20:50	GXB
	Surrogate Recoveries	**Result**		**Acceptance Range**						
3386-33-2	*Surrogate: 1-Chlorooctadecane*	*70.8 %*		*30-140*						

Sample Information

Client Sample ID: **MW-10** **York Sample ID:** **23I1004-15**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23I1004	TE 23-007 Region 18	Ground Water	September 14, 2023 2:35 pm	09/15/2023

VOA, 8260 RCP LOW MASTER

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

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/L	0.500	1	EPA 8260C	09/21/2023 09:00	09/21/2023 18:22	SMA
71-55-6	1,1,1-Trichloroethane	ND		ug/L	0.500	1	EPA 8260C	09/21/2023 09:00	09/21/2023 18:22	SMA
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.500	1	EPA 8260C	09/21/2023 09:00	09/21/2023 18:22	SMA
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/L	0.500	1	EPA 8260C	09/21/2023 09:00	09/21/2023 18:22	SMA
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.500	1	EPA 8260C	09/21/2023 09:00	09/21/2023 18:22	SMA
75-34-3	1,1-Dichloroethane	ND		ug/L	0.500	1	EPA 8260C	09/21/2023 09:00	09/21/2023 18:22	SMA
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.500	1	EPA 8260C	09/21/2023 09:00	09/21/2023 18:22	SMA
563-58-6	1,1-Dichloropropylene	ND		ug/L	0.500	1	EPA 8260C	09/21/2023 09:00	09/21/2023 18:22	SMA
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	0.500	1	EPA 8260C	09/21/2023 09:00	09/21/2023 18:22	SMA
96-18-4	1,2,3-Trichloropropane	ND		ug/L	0.500	1	EPA 8260C	09/21/2023 09:00	09/21/2023 18:22	SMA
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.500	1	EPA 8260C	09/21/2023 09:00	09/21/2023 18:22	SMA
95-63-6	**1,2,4-Trimethylbenzene**	**65.7**		ug/L	0.500	1	EPA 8260C	09/21/2023 09:00	09/21/2023 18:22	SMA
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.500	1	EPA 8260C	09/21/2023 09:00	09/21/2023 18:22	SMA
106-93-4	1,2-Dibromoethane	ND		ug/L	0.500	1	EPA 8260C	09/21/2023 09:00	09/21/2023 18:22	SMA

Sample Information

Client Sample ID: **MW-10** **York Sample ID:** **23I1004-15**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23I1004	TE 23-007 Region 18	Ground Water	September 14, 2023 2:35 pm	09/15/2023

VOA, 8260 RCP LOW MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.500	1	EPA 8260C	09/21/2023 09:00	09/21/2023 18:22	SMA
107-06-2	1,2-Dichloroethane	ND		ug/L	0.500	1	EPA 8260C	09/21/2023 09:00	09/21/2023 18:22	SMA
78-87-5	1,2-Dichloropropane	ND		ug/L	0.500	1	EPA 8260C	09/21/2023 09:00	09/21/2023 18:22	SMA
108-67-8	**1,3,5-Trimethylbenzene**	**7.87**		ug/L	0.500	1	EPA 8260C	09/21/2023 09:00	09/21/2023 18:22	SMA
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.500	1	EPA 8260C	09/21/2023 09:00	09/21/2023 18:22	SMA
142-28-9	1,3-Dichloropropane	ND		ug/L	0.500	1	EPA 8260C	09/21/2023 09:00	09/21/2023 18:22	SMA
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.500	1	EPA 8260C	09/21/2023 09:00	09/21/2023 18:22	SMA
594-20-7	2,2-Dichloropropane	ND		ug/L	0.500	1	EPA 8260C	09/21/2023 09:00	09/21/2023 18:22	SMA
78-93-3	**2-Butanone**	**494**	ICVE	ug/L	12.5	25	EPA 8260C	09/22/2023 09:00	09/22/2023 14:08	SMA
95-49-8	2-Chlorotoluene	ND		ug/L	0.500	1	EPA 8260C	09/21/2023 09:00	09/21/2023 18:22	SMA
591-78-6	**2-Hexanone**	**1.89**		ug/L	0.500	1	EPA 8260C	09/21/2023 09:00	09/21/2023 18:22	SMA
106-43-4	4-Chlorotoluene	ND		ug/L	0.500	1	EPA 8260C	09/21/2023 09:00	09/21/2023 18:22	SMA
108-10-1	4-Methyl-2-pentanone	ND		ug/L	0.500	1	EPA 8260C	09/21/2023 09:00	09/21/2023 18:22	SMA
67-64-1	**Acetone**	**593**	ICVE, QL-02	ug/L	50.0	25	EPA 8260C	09/22/2023 09:00	09/22/2023 14:08	SMA
107-13-1	Acrylonitrile	ND		ug/L	0.500	1	EPA 8260C	09/21/2023 09:00	09/21/2023 18:22	SMA
71-43-2	**Benzene**	**11.1**		ug/L	0.500	1	EPA 8260C	09/21/2023 09:00	09/21/2023 18:22	SMA
108-86-1	Bromobenzene	ND		ug/L	0.500	1	EPA 8260C	09/21/2023 09:00	09/21/2023 18:22	SMA
74-97-5	Bromochloromethane	ND		ug/L	0.500	1	EPA 8260C	09/21/2023 09:00	09/21/2023 18:22	SMA
75-27-4	Bromodichloromethane	ND		ug/L	0.500	1	EPA 8260C	09/21/2023 09:00	09/21/2023 18:22	SMA
75-25-2	Bromoform	ND		ug/L	0.500	1	EPA 8260C	09/21/2023 09:00	09/21/2023 18:22	SMA
74-83-9	Bromomethane	ND	CCVE, QL-02	ug/L	0.500	1	EPA 8260C	09/21/2023 09:00	09/21/2023 18:22	SMA
75-15-0	Carbon disulfide	ND		ug/L	0.500	1	EPA 8260C	09/21/2023 09:00	09/21/2023 18:22	SMA
56-23-5	Carbon tetrachloride	ND		ug/L	0.500	1	EPA 8260C	09/21/2023 09:00	09/21/2023 18:22	SMA
108-90-7	Chlorobenzene	ND		ug/L	0.500	1	EPA 8260C	09/21/2023 09:00	09/21/2023 18:22	SMA
75-00-3	Chloroethane	ND		ug/L	0.500	1	EPA 8260C	09/21/2023 09:00	09/21/2023 18:22	SMA
67-66-3	Chloroform	ND		ug/L	0.500	1	EPA 8260C	09/21/2023 09:00	09/21/2023 18:22	SMA
74-87-3	Chloromethane	ND		ug/L	0.500	1	EPA 8260C	09/21/2023 09:00	09/21/2023 18:22	SMA
156-59-2	cis-1,2-Dichloroethylene	ND		ug/L	0.500	1	EPA 8260C	09/21/2023 09:00	09/21/2023 18:22	SMA
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.500	1	EPA 8260C	09/21/2023 09:00	09/21/2023 18:22	SMA
124-48-1	Dibromochloromethane	ND		ug/L	0.500	1	EPA 8260C	09/21/2023 09:00	09/21/2023 18:22	SMA
74-95-3	Dibromomethane	ND		ug/L	0.500	1	EPA 8260C	09/21/2023 09:00	09/21/2023 18:22	SMA
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.500	1	EPA 8260C	09/21/2023 09:00	09/21/2023 18:22	SMA
100-41-4	**Ethyl Benzene**	**21.2**		ug/L	0.500	1	EPA 8260C	09/21/2023 09:00	09/21/2023 18:22	SMA
87-68-3	Hexachlorobutadiene	ND		ug/L	0.500	1	EPA 8260C	09/21/2023 09:00	09/21/2023 18:22	SMA
98-82-8	**Isopropylbenzene**	**6.18**		ug/L	0.500	1	EPA 8260C	09/21/2023 09:00	09/21/2023 18:22	SMA
80-62-6	Methyl Methacrylate	ND		ug/L	0.500	1	EPA 8260C	09/21/2023 09:00	09/21/2023 18:22	SMA
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.500	1	EPA 8260C	09/21/2023 09:00	09/21/2023 18:22	SMA
75-09-2	Methylene chloride	ND		ug/L	2.00	1	EPA 8260C	09/21/2023 09:00	09/21/2023 18:22	SMA

Sample Information

Client Sample ID: **MW-10** **York Sample ID:** **23I1004-15**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23I1004	TE 23-007 Region 18	Ground Water	September 14, 2023 2:35 pm	09/15/2023

VOA, 8260 RCP LOW MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
91-20-3	**Naphthalene**	**3.27**		ug/L	2.00	1	EPA 8260C	09/21/2023 09:00	09/21/2023 18:22	SMA
104-51-8	n-Butylbenzene	ND		ug/L	0.500	1	EPA 8260C	09/21/2023 09:00	09/21/2023 18:22	SMA
103-65-1	**n-Propylbenzene**	**5.58**		ug/L	0.500	1	EPA 8260C	09/21/2023 09:00	09/21/2023 18:22	SMA
95-47-6	**o-Xylene**	**23.5**		ug/L	0.500	1	EPA 8260C	09/21/2023 09:00	09/21/2023 18:22	SMA
179601-23-1	**p- & m- Xylenes**	**56.3**		ug/L	1.00	1	EPA 8260C	09/21/2023 09:00	09/21/2023 18:22	SMA
99-87-6	**p-Isopropyltoluene**	**0.690**		ug/L	0.500	1	EPA 8260C	09/21/2023 09:00	09/21/2023 18:22	SMA
135-98-8	**sec-Butylbenzene**	**2.10**		ug/L	0.500	1	EPA 8260C	09/21/2023 09:00	09/21/2023 18:22	SMA
100-42-5	Styrene	ND		ug/L	0.500	1	EPA 8260C	09/21/2023 09:00	09/21/2023 18:22	SMA
98-06-6	tert-Butylbenzene	ND		ug/L	0.500	1	EPA 8260C	09/21/2023 09:00	09/21/2023 18:22	SMA
127-18-4	Tetrachloroethylene	ND	CCVE, ICVE, QL-02	ug/L	0.500	1	EPA 8260C	09/21/2023 09:00	09/21/2023 18:22	SMA
109-99-9	Tetrahydrofuran	ND		ug/L	4.00	1	EPA 8260C	09/21/2023 09:00	09/21/2023 18:22	SMA
108-88-3	**Toluene**	**6.18**		ug/L	0.500	1	EPA 8260C	09/21/2023 09:00	09/21/2023 18:22	SMA
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.500	1	EPA 8260C	09/21/2023 09:00	09/21/2023 18:22	SMA
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.500	1	EPA 8260C	09/21/2023 09:00	09/21/2023 18:22	SMA
110-57-6	trans-1,4-dichloro-2-butene	ND		ug/L	0.500	1	EPA 8260C	09/21/2023 09:00	09/21/2023 18:22	SMA
79-01-6	Trichloroethylene	ND		ug/L	0.500	1	EPA 8260C	09/21/2023 09:00	09/21/2023 18:22	SMA
75-69-4	Trichlorofluoromethane	ND		ug/L	0.500	1	EPA 8260C	09/21/2023 09:00	09/21/2023 18:22	SMA
75-01-4	Vinyl Chloride	ND		ug/L	0.500	1	EPA 8260C	09/21/2023 09:00	09/21/2023 18:22	SMA

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: SURR: 1,2-Dichloroethane-d4*	*101 %*	*70-130*
17060-07-0	*Surrogate: SURR: 1,2-Dichloroethane-d4*	*97.8 %*	*70-130*
2037-26-5	*Surrogate: SURR: Toluene-d8*	*99.7 %*	*70-130*
2037-26-5	*Surrogate: SURR: Toluene-d8*	*99.8 %*	*70-130*
460-00-4	*Surrogate: SURR: p-Bromofluorobenzene*	*101 %*	*70-130*
460-00-4	*Surrogate: SURR: p-Bromofluorobenzene*	*96.9 %*	*70-130*

Sample Information

Client Sample ID: **MW-10** **York Sample ID:** **23I1004-15**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23I1004	TE 23-007 Region 18	Ground Water	September 14, 2023 2:35 pm	09/15/2023

SVOA, 8270 LOW RCP MASTER

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

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
91-57-6	2-Methylnaphthalene	ND		ug/L	5.00	1	EPA 8270D	09/20/2023 08:00	09/23/2023 02:08	KH
	Surrogate Recoveries	**Result**			**Acceptance Range**					
4165-60-0	*Surrogate: SURR: Nitrobenzene-d5*	*45.6 %*			*30-130*					
321-60-8	*Surrogate: SURR: 2-Fluorobiphenyl*	*53.1 %*			*30-130*					
1718-51-0	*Surrogate: SURR: Terphenyl-d14*	*49.6 %*			*30-130*					

SVOA, 8270 SIM RCP MASTER

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

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
83-32-9	**Acenaphthene**	**0.160**	ICVE	ug/L	0.0500	1	EPA 8270D SIM	09/20/2023 08:00	09/23/2023 00:02	KH
208-96-8	**Acenaphthylene**	**0.120**	ICVE	ug/L	0.0500	1	EPA 8270D SIM	09/20/2023 08:00	09/23/2023 00:02	KH
120-12-7	Anthracene	ND	ICVE	ug/L	0.0500	1	EPA 8270D SIM	09/20/2023 08:00	09/23/2023 00:02	KH
56-55-3	Benzo(a)anthracene	ND	ICVE	ug/L	0.0500	1	EPA 8270D SIM	09/20/2023 08:00	09/23/2023 00:02	KH
50-32-8	Benzo(a)pyrene	ND	ICVE	ug/L	0.0500	1	EPA 8270D SIM	09/20/2023 08:00	09/23/2023 00:02	KH
205-99-2	Benzo(b)fluoranthene	ND	ICVE	ug/L	0.0500	1	EPA 8270D SIM	09/20/2023 08:00	09/23/2023 00:02	KH
191-24-2	Benzo(g,h,i)perylene	ND	ICVE	ug/L	0.0500	1	EPA 8270D SIM	09/20/2023 08:00	09/23/2023 00:02	KH
207-08-9	Benzo(k)fluoranthene	ND	ICVE	ug/L	0.0500	1	EPA 8270D SIM	09/20/2023 08:00	09/23/2023 00:02	KH
218-01-9	Chrysene	ND	ICVE	ug/L	0.0500	1	EPA 8270D SIM	09/20/2023 08:00	09/23/2023 00:02	KH
53-70-3	Dibenzo(a,h)anthracene	ND	ICVE	ug/L	0.0500	1	EPA 8270D SIM	09/20/2023 08:00	09/23/2023 00:02	KH
206-44-0	**Fluoranthene**	**0.140**	ICVE	ug/L	0.0500	1	EPA 8270D SIM	09/20/2023 08:00	09/23/2023 00:02	KH
86-73-7	**Fluorene**	**0.260**	ICVE	ug/L	0.0500	1	EPA 8270D SIM	09/20/2023 08:00	09/23/2023 00:02	KH
193-39-5	Indeno(1,2,3-cd)pyrene	ND	ICVE	ug/L	0.0500	1	EPA 8270D SIM	09/20/2023 08:00	09/23/2023 00:02	KH
91-20-3	**Naphthalene**	**1.74**	ICVE	ug/L	0.0500	1	EPA 8270D SIM	09/20/2023 08:00	09/23/2023 00:02	KH
85-01-8	**Phenanthrene**	**0.220**	ICVE	ug/L	0.0500	1	EPA 8270D SIM	09/20/2023 08:00	09/23/2023 00:02	KH
129-00-0	**Pyrene**	**0.0700**	ICVE	ug/L	0.0500	1	EPA 8270D SIM	09/20/2023 08:00	09/23/2023 00:02	KH

Extractable Total Petroleum Hydrocarbons (ETPH)

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

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
CT ETPH	**ETPH (Extractable Total Petroleum Hydrocarbons)**	**1.38**		mg/L	0.150	1	CT DEP ETPH	09/19/2023 15:49	09/21/2023 21:29	GXB
	Surrogate Recoveries	**Result**			**Acceptance Range**					
3386-33-2	*Surrogate: 1-Chlorooctadecane*	*77.4 %*			*30-140*					

Sample Information

Client Sample ID: **MW-17** **York Sample ID:** **23I1004-16**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23I1004	TE 23-007 Region 18	Ground Water	September 14, 2023 3:35 pm	09/15/2023

VOA, 8260 RCP LOW MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/L	0.500	1	EPA 8260C	09/21/2023 09:00	09/21/2023 18:50	SMA
71-55-6	1,1,1-Trichloroethane	ND		ug/L	0.500	1	EPA 8260C	09/21/2023 09:00	09/21/2023 18:50	SMA
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.500	1	EPA 8260C	09/21/2023 09:00	09/21/2023 18:50	SMA
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/L	0.500	1	EPA 8260C	09/21/2023 09:00	09/21/2023 18:50	SMA
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.500	1	EPA 8260C	09/21/2023 09:00	09/21/2023 18:50	SMA
75-34-3	1,1-Dichloroethane	ND		ug/L	0.500	1	EPA 8260C	09/21/2023 09:00	09/21/2023 18:50	SMA
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.500	1	EPA 8260C	09/21/2023 09:00	09/21/2023 18:50	SMA
563-58-6	1,1-Dichloropropylene	ND		ug/L	0.500	1	EPA 8260C	09/21/2023 09:00	09/21/2023 18:50	SMA
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	0.500	1	EPA 8260C	09/21/2023 09:00	09/21/2023 18:50	SMA
96-18-4	1,2,3-Trichloropropane	ND		ug/L	0.500	1	EPA 8260C	09/21/2023 09:00	09/21/2023 18:50	SMA
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.500	1	EPA 8260C	09/21/2023 09:00	09/21/2023 18:50	SMA
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	0.500	1	EPA 8260C	09/21/2023 09:00	09/21/2023 18:50	SMA
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.500	1	EPA 8260C	09/21/2023 09:00	09/21/2023 18:50	SMA
106-93-4	1,2-Dibromoethane	ND		ug/L	0.500	1	EPA 8260C	09/21/2023 09:00	09/21/2023 18:50	SMA
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.500	1	EPA 8260C	09/21/2023 09:00	09/21/2023 18:50	SMA
107-06-2	1,2-Dichloroethane	ND		ug/L	0.500	1	EPA 8260C	09/21/2023 09:00	09/21/2023 18:50	SMA
78-87-5	1,2-Dichloropropane	ND		ug/L	0.500	1	EPA 8260C	09/21/2023 09:00	09/21/2023 18:50	SMA
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	0.500	1	EPA 8260C	09/21/2023 09:00	09/21/2023 18:50	SMA
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.500	1	EPA 8260C	09/21/2023 09:00	09/21/2023 18:50	SMA
142-28-9	1,3-Dichloropropane	ND		ug/L	0.500	1	EPA 8260C	09/21/2023 09:00	09/21/2023 18:50	SMA
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.500	1	EPA 8260C	09/21/2023 09:00	09/21/2023 18:50	SMA
594-20-7	2,2-Dichloropropane	ND		ug/L	0.500	1	EPA 8260C	09/21/2023 09:00	09/21/2023 18:50	SMA
78-93-3	2-Butanone	ND	ICVE	ug/L	0.500	1	EPA 8260C	09/21/2023 09:00	09/21/2023 18:50	SMA
95-49-8	2-Chlorotoluene	ND		ug/L	0.500	1	EPA 8260C	09/21/2023 09:00	09/21/2023 18:50	SMA
591-78-6	2-Hexanone	ND		ug/L	0.500	1	EPA 8260C	09/21/2023 09:00	09/21/2023 18:50	SMA
106-43-4	4-Chlorotoluene	ND		ug/L	0.500	1	EPA 8260C	09/21/2023 09:00	09/21/2023 18:50	SMA
108-10-1	4-Methyl-2-pentanone	ND		ug/L	0.500	1	EPA 8260C	09/21/2023 09:00	09/21/2023 18:50	SMA
67-64-1	Acetone	ND		ug/L	2.00	1	EPA 8260C	09/21/2023 09:00	09/21/2023 18:50	SMA
107-13-1	Acrylonitrile	ND		ug/L	0.500	1	EPA 8260C	09/21/2023 09:00	09/21/2023 18:50	SMA
71-43-2	Benzene	ND		ug/L	0.500	1	EPA 8260C	09/21/2023 09:00	09/21/2023 18:50	SMA
108-86-1	Bromobenzene	ND		ug/L	0.500	1	EPA 8260C	09/21/2023 09:00	09/21/2023 18:50	SMA
74-97-5	Bromochloromethane	ND		ug/L	0.500	1	EPA 8260C	09/21/2023 09:00	09/21/2023 18:50	SMA
75-27-4	Bromodichloromethane	ND		ug/L	0.500	1	EPA 8260C	09/21/2023 09:00	09/21/2023 18:50	SMA
75-25-2	Bromoform	ND		ug/L	0.500	1	EPA 8260C	09/21/2023 09:00	09/21/2023 18:50	SMA
74-83-9	Bromomethane	ND	CCVE, QL-02	ug/L	0.500	1	EPA 8260C	09/21/2023 09:00	09/21/2023 18:50	SMA
75-15-0	Carbon disulfide	ND		ug/L	0.500	1	EPA 8260C	09/21/2023 09:00	09/21/2023 18:50	SMA

Sample Information

Client Sample ID: **MW-17** **York Sample ID:** **23I1004-16**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23I1004	TE 23-007 Region 18	Ground Water	September 14, 2023 3:35 pm	09/15/2023

VOA, 8260 RCP LOW MASTER

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

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
56-23-5	Carbon tetrachloride	ND		ug/L	0.500	1	EPA 8260C	09/21/2023 09:00	09/21/2023 18:50	SMA
108-90-7	Chlorobenzene	ND		ug/L	0.500	1	EPA 8260C	09/21/2023 09:00	09/21/2023 18:50	SMA
75-00-3	Chloroethane	ND		ug/L	0.500	1	EPA 8260C	09/21/2023 09:00	09/21/2023 18:50	SMA
67-66-3	Chloroform	ND		ug/L	0.500	1	EPA 8260C	09/21/2023 09:00	09/21/2023 18:50	SMA
74-87-3	Chloromethane	ND		ug/L	0.500	1	EPA 8260C	09/21/2023 09:00	09/21/2023 18:50	SMA
156-59-2	cis-1,2-Dichloroethylene	ND		ug/L	0.500	1	EPA 8260C	09/21/2023 09:00	09/21/2023 18:50	SMA
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.500	1	EPA 8260C	09/21/2023 09:00	09/21/2023 18:50	SMA
124-48-1	Dibromochloromethane	ND		ug/L	0.500	1	EPA 8260C	09/21/2023 09:00	09/21/2023 18:50	SMA
74-95-3	Dibromomethane	ND		ug/L	0.500	1	EPA 8260C	09/21/2023 09:00	09/21/2023 18:50	SMA
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.500	1	EPA 8260C	09/21/2023 09:00	09/21/2023 18:50	SMA
100-41-4	Ethyl Benzene	ND		ug/L	0.500	1	EPA 8260C	09/21/2023 09:00	09/21/2023 18:50	SMA
87-68-3	Hexachlorobutadiene	ND		ug/L	0.500	1	EPA 8260C	09/21/2023 09:00	09/21/2023 18:50	SMA
98-82-8	Isopropylbenzene	ND		ug/L	0.500	1	EPA 8260C	09/21/2023 09:00	09/21/2023 18:50	SMA
80-62-6	Methyl Methacrylate	ND		ug/L	0.500	1	EPA 8260C	09/21/2023 09:00	09/21/2023 18:50	SMA
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.500	1	EPA 8260C	09/21/2023 09:00	09/21/2023 18:50	SMA
75-09-2	Methylene chloride	ND		ug/L	2.00	1	EPA 8260C	09/21/2023 09:00	09/21/2023 18:50	SMA
91-20-3	Naphthalene	ND		ug/L	2.00	1	EPA 8260C	09/21/2023 09:00	09/21/2023 18:50	SMA
104-51-8	n-Butylbenzene	ND		ug/L	0.500	1	EPA 8260C	09/21/2023 09:00	09/21/2023 18:50	SMA
103-65-1	n-Propylbenzene	ND		ug/L	0.500	1	EPA 8260C	09/21/2023 09:00	09/21/2023 18:50	SMA
95-47-6	o-Xylene	ND		ug/L	0.500	1	EPA 8260C	09/21/2023 09:00	09/21/2023 18:50	SMA
179601-23-1	p- & m- Xylenes	ND		ug/L	1.00	1	EPA 8260C	09/21/2023 09:00	09/21/2023 18:50	SMA
99-87-6	p-Isopropyltoluene	ND		ug/L	0.500	1	EPA 8260C	09/21/2023 09:00	09/21/2023 18:50	SMA
135-98-8	sec-Butylbenzene	ND		ug/L	0.500	1	EPA 8260C	09/21/2023 09:00	09/21/2023 18:50	SMA
100-42-5	Styrene	ND		ug/L	0.500	1	EPA 8260C	09/21/2023 09:00	09/21/2023 18:50	SMA
98-06-6	tert-Butylbenzene	ND		ug/L	0.500	1	EPA 8260C	09/21/2023 09:00	09/21/2023 18:50	SMA
127-18-4	Tetrachloroethylene	ND	CCVE, ICVE, QL-02	ug/L	0.500	1	EPA 8260C	09/21/2023 09:00	09/21/2023 18:50	SMA
109-99-9	Tetrahydrofuran	ND		ug/L	4.00	1	EPA 8260C	09/21/2023 09:00	09/21/2023 18:50	SMA
108-88-3	Toluene	ND		ug/L	0.500	1	EPA 8260C	09/21/2023 09:00	09/21/2023 18:50	SMA
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.500	1	EPA 8260C	09/21/2023 09:00	09/21/2023 18:50	SMA
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.500	1	EPA 8260C	09/21/2023 09:00	09/21/2023 18:50	SMA
110-57-6	trans-1,4-dichloro-2-butene	ND		ug/L	0.500	1	EPA 8260C	09/21/2023 09:00	09/21/2023 18:50	SMA
79-01-6	Trichloroethylene	ND		ug/L	0.500	1	EPA 8260C	09/21/2023 09:00	09/21/2023 18:50	SMA
75-69-4	Trichlorofluoromethane	ND		ug/L	0.500	1	EPA 8260C	09/21/2023 09:00	09/21/2023 18:50	SMA
75-01-4	Vinyl Chloride	ND		ug/L	0.500	1	EPA 8260C	09/21/2023 09:00	09/21/2023 18:50	SMA

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: SURR: 1,2-Dichloroethane-d4*	*98.5 %*	*70-130*
2037-26-5	*Surrogate: SURR: Toluene-d8*	*99.8 %*	*70-130*

Sample Information

Client Sample ID: **MW-17** **York Sample ID:** **23I1004-16**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23I1004	TE 23-007 Region 18	Ground Water	September 14, 2023 3:35 pm	09/15/2023

VOA, 8260 RCP LOW MASTER

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

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
460-00-4	*Surrogate: SURR: p-Bromofluorobenzene*	*101 %*			*70-130*					

SVOA, 8270 LOW RCP MASTER

Log-in Notes: **Sample Notes:** **EXT-EM**

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
91-57-6	2-Methylnaphthalene	ND		ug/L	5.00	1	EPA 8270D	09/20/2023 08:00	09/23/2023 02:39	KH
	Surrogate Recoveries	**Result**			**Acceptance Range**					
4165-60-0	*Surrogate: SURR: Nitrobenzene-d5*	*51.3 %*			*30-130*					
321-60-8	*Surrogate: SURR: 2-Fluorobiphenyl*	*55.1 %*			*30-130*					
1718-51-0	*Surrogate: SURR: Terphenyl-d14*	*34.6 %*			*30-130*					

SVOA, 8270 SIM RCP MASTER

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

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
83-32-9	Acenaphthene	ND	ICVE	ug/L	0.0500	1	EPA 8270D SIM	09/20/2023 08:00	09/23/2023 00:32	KH
208-96-8	Acenaphthylene	ND	ICVE	ug/L	0.0500	1	EPA 8270D SIM	09/20/2023 08:00	09/23/2023 00:32	KH
120-12-7	Anthracene	ND	ICVE	ug/L	0.0500	1	EPA 8270D SIM	09/20/2023 08:00	09/23/2023 00:32	KH
56-55-3	Benzo(a)anthracene	ND	ICVE	ug/L	0.0500	1	EPA 8270D SIM	09/20/2023 08:00	09/23/2023 00:32	KH
50-32-8	Benzo(a)pyrene	ND	ICVE	ug/L	0.0500	1	EPA 8270D SIM	09/20/2023 08:00	09/23/2023 00:32	KH
205-99-2	Benzo(b)fluoranthene	ND	ICVE	ug/L	0.0500	1	EPA 8270D SIM	09/20/2023 08:00	09/23/2023 00:32	KH
191-24-2	Benzo(g,h,i)perylene	ND	ICVE	ug/L	0.0500	1	EPA 8270D SIM	09/20/2023 08:00	09/23/2023 00:32	KH
207-08-9	Benzo(k)fluoranthene	ND	ICVE	ug/L	0.0500	1	EPA 8270D SIM	09/20/2023 08:00	09/23/2023 00:32	KH
218-01-9	Chrysene	ND	ICVE	ug/L	0.0500	1	EPA 8270D SIM	09/20/2023 08:00	09/23/2023 00:32	KH
53-70-3	Dibenzo(a,h)anthracene	ND	ICVE	ug/L	0.0500	1	EPA 8270D SIM	09/20/2023 08:00	09/23/2023 00:32	KH
206-44-0	Fluoranthene	ND	ICVE	ug/L	0.0500	1	EPA 8270D SIM	09/20/2023 08:00	09/23/2023 00:32	KH
86-73-7	Fluorene	ND	ICVE	ug/L	0.0500	1	EPA 8270D SIM	09/20/2023 08:00	09/23/2023 00:32	KH
193-39-5	Indeno(1,2,3-cd)pyrene	ND	ICVE	ug/L	0.0500	1	EPA 8270D SIM	09/20/2023 08:00	09/23/2023 00:32	KH
91-20-3	Naphthalene	ND	ICVE	ug/L	0.0500	1	EPA 8270D SIM	09/20/2023 08:00	09/23/2023 00:32	KH
85-01-8	Phenanthrene	ND	ICVE	ug/L	0.0500	1	EPA 8270D SIM	09/20/2023 08:00	09/23/2023 00:32	KH
129-00-0	Pyrene	ND	ICVE	ug/L	0.0500	1	EPA 8270D SIM	09/20/2023 08:00	09/23/2023 00:32	KH

Extractable Total Petroleum Hydrocarbons (ETPH)

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

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
CT ETPH	**ETPH (Extractable Total Petroleum Hydrocarbons)**	**0.154**		mg/L	0.150	1	CT DEP ETPH	09/19/2023 15:49	09/21/2023 22:07	GXB
	Surrogate Recoveries	**Result**			**Acceptance Range**					

Sample Information

Client Sample ID: **MW-17** **York Sample ID:** **23I1004-16**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23I1004	TE 23-007 Region 18	Ground Water	September 14, 2023 3:35 pm	09/15/2023

Extractable Total Petroleum Hydrocarbons (ETPH) **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
3386-33-2	*Surrogate: 1-Chlorooctadecane*	*74.5 %*			*30-140*					

Sample Information

Client Sample ID: **MW-11** **York Sample ID:** **23I1004-17**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23I1004	TE 23-007 Region 18	Ground Water	September 15, 2023 9:25 am	09/15/2023

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

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/L	0.500	1	EPA 8260C	09/21/2023 09:00	09/21/2023 13:01	SMA
71-55-6	1,1,1-Trichloroethane	ND		ug/L	0.500	1	EPA 8260C	09/21/2023 09:00	09/21/2023 13:01	SMA
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.500	1	EPA 8260C	09/21/2023 09:00	09/21/2023 13:01	SMA
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/L	0.500	1	EPA 8260C	09/21/2023 09:00	09/21/2023 13:01	SMA
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.500	1	EPA 8260C	09/21/2023 09:00	09/21/2023 13:01	SMA
75-34-3	1,1-Dichloroethane	ND		ug/L	0.500	1	EPA 8260C	09/21/2023 09:00	09/21/2023 13:01	SMA
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.500	1	EPA 8260C	09/21/2023 09:00	09/21/2023 13:01	SMA
563-58-6	1,1-Dichloropropylene	ND		ug/L	0.500	1	EPA 8260C	09/21/2023 09:00	09/21/2023 13:01	SMA
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	0.500	1	EPA 8260C	09/21/2023 09:00	09/21/2023 13:01	SMA
96-18-4	1,2,3-Trichloropropane	ND		ug/L	0.500	1	EPA 8260C	09/21/2023 09:00	09/21/2023 13:01	SMA
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.500	1	EPA 8260C	09/21/2023 09:00	09/21/2023 13:01	SMA
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	0.500	1	EPA 8260C	09/21/2023 09:00	09/21/2023 13:01	SMA
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.500	1	EPA 8260C	09/21/2023 09:00	09/21/2023 13:01	SMA
106-93-4	1,2-Dibromoethane	ND		ug/L	0.500	1	EPA 8260C	09/21/2023 09:00	09/21/2023 13:01	SMA
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.500	1	EPA 8260C	09/21/2023 09:00	09/21/2023 13:01	SMA
107-06-2	1,2-Dichloroethane	ND		ug/L	0.500	1	EPA 8260C	09/21/2023 09:00	09/21/2023 13:01	SMA
78-87-5	1,2-Dichloropropane	ND		ug/L	0.500	1	EPA 8260C	09/21/2023 09:00	09/21/2023 13:01	SMA
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	0.500	1	EPA 8260C	09/21/2023 09:00	09/21/2023 13:01	SMA
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.500	1	EPA 8260C	09/21/2023 09:00	09/21/2023 13:01	SMA
142-28-9	1,3-Dichloropropane	ND		ug/L	0.500	1	EPA 8260C	09/21/2023 09:00	09/21/2023 13:01	SMA
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.500	1	EPA 8260C	09/21/2023 09:00	09/21/2023 13:01	SMA
594-20-7	2,2-Dichloropropane	ND		ug/L	0.500	1	EPA 8260C	09/21/2023 09:00	09/21/2023 13:01	SMA
78-93-3	2-Butanone	ND		ug/L	0.500	1	EPA 8260C	09/21/2023 09:00	09/21/2023 13:01	SMA
95-49-8	2-Chlorotoluene	ND		ug/L	0.500	1	EPA 8260C	09/21/2023 09:00	09/21/2023 13:01	SMA

Sample Information

Client Sample ID: **MW-11** **York Sample ID:** **23I1004-17**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23I1004	TE 23-007 Region 18	Ground Water	September 15, 2023 9:25 am	09/15/2023

VOA, 8260 RCP LOW MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
591-78-6	2-Hexanone	ND	ICVE	ug/L	0.500	1	EPA 8260C	09/21/2023 09:00	09/21/2023 13:01	SMA
106-43-4	4-Chlorotoluene	ND		ug/L	0.500	1	EPA 8260C	09/21/2023 09:00	09/21/2023 13:01	SMA
108-10-1	4-Methyl-2-pentanone	ND	ICVE, QL-02, CAL-E	ug/L	0.500	1	EPA 8260C	09/21/2023 09:00	09/21/2023 13:01	SMA
67-64-1	Acetone	ND	CAL-E	ug/L	2.00	1	EPA 8260C	09/21/2023 09:00	09/21/2023 13:01	SMA
107-13-1	Acrylonitrile	ND	CAL-E	ug/L	0.500	1	EPA 8260C	09/21/2023 09:00	09/21/2023 13:01	SMA
71-43-2	Benzene	ND		ug/L	0.500	1	EPA 8260C	09/21/2023 09:00	09/21/2023 13:01	SMA
108-86-1	Bromobenzene	ND		ug/L	0.500	1	EPA 8260C	09/21/2023 09:00	09/21/2023 13:01	SMA
74-97-5	Bromochloromethane	ND		ug/L	0.500	1	EPA 8260C	09/21/2023 09:00	09/21/2023 13:01	SMA
75-27-4	Bromodichloromethane	ND		ug/L	0.500	1	EPA 8260C	09/21/2023 09:00	09/21/2023 13:01	SMA
75-25-2	Bromoform	ND	CAL-E	ug/L	0.500	1	EPA 8260C	09/21/2023 09:00	09/21/2023 13:01	SMA
74-83-9	Bromomethane	ND	CCVE	ug/L	0.500	1	EPA 8260C	09/21/2023 09:00	09/21/2023 13:01	SMA
75-15-0	Carbon disulfide	ND		ug/L	0.500	1	EPA 8260C	09/21/2023 09:00	09/21/2023 13:01	SMA
56-23-5	Carbon tetrachloride	ND		ug/L	0.500	1	EPA 8260C	09/21/2023 09:00	09/21/2023 13:01	SMA
108-90-7	Chlorobenzene	ND		ug/L	0.500	1	EPA 8260C	09/21/2023 09:00	09/21/2023 13:01	SMA
75-00-3	Chloroethane	ND		ug/L	0.500	1	EPA 8260C	09/21/2023 09:00	09/21/2023 13:01	SMA
67-66-3	Chloroform	ND		ug/L	0.500	1	EPA 8260C	09/21/2023 09:00	09/21/2023 13:01	SMA
74-87-3	Chloromethane	ND		ug/L	0.500	1	EPA 8260C	09/21/2023 09:00	09/21/2023 13:01	SMA
156-59-2	cis-1,2-Dichloroethylene	ND		ug/L	0.500	1	EPA 8260C	09/21/2023 09:00	09/21/2023 13:01	SMA
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.500	1	EPA 8260C	09/21/2023 09:00	09/21/2023 13:01	SMA
124-48-1	Dibromochloromethane	ND		ug/L	0.500	1	EPA 8260C	09/21/2023 09:00	09/21/2023 13:01	SMA
74-95-3	Dibromomethane	ND		ug/L	0.500	1	EPA 8260C	09/21/2023 09:00	09/21/2023 13:01	SMA
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.500	1	EPA 8260C	09/21/2023 09:00	09/21/2023 13:01	SMA
100-41-4	Ethyl Benzene	ND		ug/L	0.500	1	EPA 8260C	09/21/2023 09:00	09/21/2023 13:01	SMA
87-68-3	Hexachlorobutadiene	ND		ug/L	0.500	1	EPA 8260C	09/21/2023 09:00	09/21/2023 13:01	SMA
98-82-8	Isopropylbenzene	ND		ug/L	0.500	1	EPA 8260C	09/21/2023 09:00	09/21/2023 13:01	SMA
80-62-6	Methyl Methacrylate	ND		ug/L	0.500	1	EPA 8260C	09/21/2023 09:00	09/21/2023 13:01	SMA
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.500	1	EPA 8260C	09/21/2023 09:00	09/21/2023 13:01	SMA
75-09-2	Methylene chloride	ND	CAL-E	ug/L	2.00	1	EPA 8260C	09/21/2023 09:00	09/21/2023 13:01	SMA
91-20-3	Naphthalene	ND		ug/L	2.00	1	EPA 8260C	09/21/2023 09:00	09/21/2023 13:01	SMA
104-51-8	n-Butylbenzene	ND		ug/L	0.500	1	EPA 8260C	09/21/2023 09:00	09/21/2023 13:01	SMA
103-65-1	n-Propylbenzene	ND		ug/L	0.500	1	EPA 8260C	09/21/2023 09:00	09/21/2023 13:01	SMA
95-47-6	o-Xylene	ND		ug/L	0.500	1	EPA 8260C	09/21/2023 09:00	09/21/2023 13:01	SMA
179601-23-1	p- & m- Xylenes	ND		ug/L	1.00	1	EPA 8260C	09/21/2023 09:00	09/21/2023 13:01	SMA
99-87-6	p-Isopropyltoluene	ND		ug/L	0.500	1	EPA 8260C	09/21/2023 09:00	09/21/2023 13:01	SMA
135-98-8	sec-Butylbenzene	ND		ug/L	0.500	1	EPA 8260C	09/21/2023 09:00	09/21/2023 13:01	SMA
100-42-5	Styrene	ND		ug/L	0.500	1	EPA 8260C	09/21/2023 09:00	09/21/2023 13:01	SMA
98-06-6	tert-Butylbenzene	ND		ug/L	0.500	1	EPA 8260C	09/21/2023 09:00	09/21/2023 13:01	SMA

Sample Information

Client Sample ID: MW-11 **York Sample ID:** 23I1004-17

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23I1004	TE 23-007 Region 18	Ground Water	September 15, 2023 9:25 am	09/15/2023

VOA, 8260 RCP LOW MASTER

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

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
127-18-4	Tetrachloroethylene	ND	ICVE, QL-02, CCVE	ug/L	0.500	1	EPA 8260C	09/21/2023 09:00	09/21/2023 13:01	SMA
109-99-9	Tetrahydrofuran	ND		ug/L	4.00	1	EPA 8260C	09/21/2023 09:00	09/21/2023 13:01	SMA
108-88-3	Toluene	ND		ug/L	0.500	1	EPA 8260C	09/21/2023 09:00	09/21/2023 13:01	SMA
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.500	1	EPA 8260C	09/21/2023 09:00	09/21/2023 13:01	SMA
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.500	1	EPA 8260C	09/21/2023 09:00	09/21/2023 13:01	SMA
110-57-6	trans-1,4-dichloro-2-butene	ND		ug/L	0.500	1	EPA 8260C	09/21/2023 09:00	09/21/2023 13:01	SMA
79-01-6	Trichloroethylene	ND		ug/L	0.500	1	EPA 8260C	09/21/2023 09:00	09/21/2023 13:01	SMA
75-69-4	Trichlorofluoromethane	ND		ug/L	0.500	1	EPA 8260C	09/21/2023 09:00	09/21/2023 13:01	SMA
75-01-4	Vinyl Chloride	ND		ug/L	0.500	1	EPA 8260C	09/21/2023 09:00	09/21/2023 13:01	SMA

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: SURR: 1,2-Dichloroethane-d4*	*106 %*	*70-130*
2037-26-5	*Surrogate: SURR: Toluene-d8*	*95.3 %*	*70-130*
460-00-4	*Surrogate: SURR: p-Bromofluorobenzene*	*93.0 %*	*70-130*

SVOA, 8270 LOW RCP MASTER

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

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
91-57-6	2-Methylnaphthalene	ND		ug/L	5.00	1	EPA 8270D	09/22/2023 07:53	09/22/2023 20:28	KH

	Surrogate Recoveries	Result	Acceptance Range
4165-60-0	*Surrogate: SURR: Nitrobenzene-d5*	*52.3 %*	*30-130*
321-60-8	*Surrogate: SURR: 2-Fluorobiphenyl*	*57.0 %*	*30-130*
1718-51-0	*Surrogate: SURR: Terphenyl-d14*	*31.6 %*	*30-130*

SVOA, 8270 SIM RCP MASTER

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

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
83-32-9	Acenaphthene	ND	ICVE	ug/L	0.0500	1	EPA 8270D SIM	09/22/2023 07:53	09/23/2023 01:03	KH
208-96-8	Acenaphthylene	ND	ICVE	ug/L	0.0500	1	EPA 8270D SIM	09/22/2023 07:53	09/23/2023 01:03	KH
120-12-7	Anthracene	ND	ICVE	ug/L	0.0500	1	EPA 8270D SIM	09/22/2023 07:53	09/23/2023 01:03	KH
56-55-3	Benzo(a)anthracene	ND	ICVE	ug/L	0.0500	1	EPA 8270D SIM	09/22/2023 07:53	09/23/2023 01:03	KH
50-32-8	Benzo(a)pyrene	ND	ICVE	ug/L	0.0500	1	EPA 8270D SIM	09/22/2023 07:53	09/23/2023 01:03	KH
205-99-2	Benzo(b)fluoranthene	ND	ICVE	ug/L	0.0500	1	EPA 8270D SIM	09/22/2023 07:53	09/23/2023 01:03	KH
191-24-2	Benzo(g,h,i)perylene	ND	ICVE	ug/L	0.0500	1	EPA 8270D SIM	09/22/2023 07:53	09/23/2023 01:03	KH
207-08-9	Benzo(k)fluoranthene	ND	ICVE	ug/L	0.0500	1	EPA 8270D SIM	09/22/2023 07:53	09/23/2023 01:03	KH
218-01-9	Chrysene	ND	ICVE	ug/L	0.0500	1	EPA 8270D SIM	09/22/2023 07:53	09/23/2023 01:03	KH
53-70-3	Dibenzo(a,h)anthracene	ND	ICVE	ug/L	0.0500	1	EPA 8270D SIM	09/22/2023 07:53	09/23/2023 01:03	KH

Sample Information

Client Sample ID: **MW-11** **York Sample ID:** **23I1004-17**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23I1004	TE 23-007 Region 18	Ground Water	September 15, 2023 9:25 am	09/15/2023

SVOA, 8270 SIM RCP MASTER

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

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
206-44-0	Fluoranthene	ND	ICVE	ug/L	0.0500	1	EPA 8270D SIM	09/22/2023 07:53	09/23/2023 01:03	KH
86-73-7	Fluorene	ND	ICVE	ug/L	0.0500	1	EPA 8270D SIM	09/22/2023 07:53	09/23/2023 01:03	KH
193-39-5	Indeno(1,2,3-cd)pyrene	ND	ICVE	ug/L	0.0500	1	EPA 8270D SIM	09/22/2023 07:53	09/23/2023 01:03	KH
91-20-3	Naphthalene	ND	ICVE	ug/L	0.0500	1	EPA 8270D SIM	09/22/2023 07:53	09/23/2023 01:03	KH
85-01-8	Phenanthrene	ND	ICVE	ug/L	0.0500	1	EPA 8270D SIM	09/22/2023 07:53	09/23/2023 01:03	KH
129-00-0	Pyrene	ND	ICVE	ug/L	0.0500	1	EPA 8270D SIM	09/22/2023 07:53	09/23/2023 01:03	KH

Extractable Total Petroleum Hydrocarbons (ETPH)

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

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
CT ETPH	ETPH (Extractable Total Petroleum Hydrocarbons)	ND		mg/L	0.150	1	CT DEP ETPH	09/22/2023 07:58	09/23/2023 13:13	GXB
	Surrogate Recoveries	**Result**			**Acceptance Range**					
3386-33-2	*Surrogate: 1-Chlorooctadecane*	*33.7 %*			*30-140*					

Sample Information

Client Sample ID: **MW-12** **York Sample ID:** **23I1004-18**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23I1004	TE 23-007 Region 18	Ground Water	September 15, 2023 10:15 am	09/15/2023

VOA, 8260 RCP LOW MASTER

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

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/L	0.500	1	EPA 8260C	09/21/2023 09:00	09/21/2023 13:27	SMA
71-55-6	1,1,1-Trichloroethane	ND		ug/L	0.500	1	EPA 8260C	09/21/2023 09:00	09/21/2023 13:27	SMA
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.500	1	EPA 8260C	09/21/2023 09:00	09/21/2023 13:27	SMA
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/L	0.500	1	EPA 8260C	09/21/2023 09:00	09/21/2023 13:27	SMA
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.500	1	EPA 8260C	09/21/2023 09:00	09/21/2023 13:27	SMA
75-34-3	1,1-Dichloroethane	ND		ug/L	0.500	1	EPA 8260C	09/21/2023 09:00	09/21/2023 13:27	SMA
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.500	1	EPA 8260C	09/21/2023 09:00	09/21/2023 13:27	SMA
563-58-6	1,1-Dichloropropylene	ND		ug/L	0.500	1	EPA 8260C	09/21/2023 09:00	09/21/2023 13:27	SMA
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	0.500	1	EPA 8260C	09/21/2023 09:00	09/21/2023 13:27	SMA
96-18-4	1,2,3-Trichloropropane	ND		ug/L	0.500	1	EPA 8260C	09/21/2023 09:00	09/21/2023 13:27	SMA

Sample Information

Client Sample ID: **MW-12** **York Sample ID:** **23I1004-18**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23I1004	TE 23-007 Region 18	Ground Water	September 15, 2023 10:15 am	09/15/2023

VOA, 8260 RCP LOW MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.500	1	EPA 8260C	09/21/2023 09:00	09/21/2023 13:27	SMA
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	0.500	1	EPA 8260C	09/21/2023 09:00	09/21/2023 13:27	SMA
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.500	1	EPA 8260C	09/21/2023 09:00	09/21/2023 13:27	SMA
106-93-4	1,2-Dibromoethane	ND		ug/L	0.500	1	EPA 8260C	09/21/2023 09:00	09/21/2023 13:27	SMA
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.500	1	EPA 8260C	09/21/2023 09:00	09/21/2023 13:27	SMA
107-06-2	1,2-Dichloroethane	ND		ug/L	0.500	1	EPA 8260C	09/21/2023 09:00	09/21/2023 13:27	SMA
78-87-5	1,2-Dichloropropane	ND		ug/L	0.500	1	EPA 8260C	09/21/2023 09:00	09/21/2023 13:27	SMA
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	0.500	1	EPA 8260C	09/21/2023 09:00	09/21/2023 13:27	SMA
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.500	1	EPA 8260C	09/21/2023 09:00	09/21/2023 13:27	SMA
142-28-9	1,3-Dichloropropane	ND		ug/L	0.500	1	EPA 8260C	09/21/2023 09:00	09/21/2023 13:27	SMA
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.500	1	EPA 8260C	09/21/2023 09:00	09/21/2023 13:27	SMA
594-20-7	2,2-Dichloropropane	ND		ug/L	0.500	1	EPA 8260C	09/21/2023 09:00	09/21/2023 13:27	SMA
78-93-3	2-Butanone	ND		ug/L	0.500	1	EPA 8260C	09/21/2023 09:00	09/21/2023 13:27	SMA
95-49-8	2-Chlorotoluene	ND		ug/L	0.500	1	EPA 8260C	09/21/2023 09:00	09/21/2023 13:27	SMA
591-78-6	2-Hexanone	ND	ICVE	ug/L	0.500	1	EPA 8260C	09/21/2023 09:00	09/21/2023 13:27	SMA
106-43-4	4-Chlorotoluene	ND		ug/L	0.500	1	EPA 8260C	09/21/2023 09:00	09/21/2023 13:27	SMA
108-10-1	4-Methyl-2-pentanone	ND	CAL-E, ICVE, QL-02	ug/L	0.500	1	EPA 8260C	09/21/2023 09:00	09/21/2023 13:27	SMA
67-64-1	Acetone	ND	CAL-E	ug/L	2.00	1	EPA 8260C	09/21/2023 09:00	09/21/2023 13:27	SMA
107-13-1	Acrylonitrile	ND	CAL-E	ug/L	0.500	1	EPA 8260C	09/21/2023 09:00	09/21/2023 13:27	SMA
71-43-2	Benzene	ND		ug/L	0.500	1	EPA 8260C	09/21/2023 09:00	09/21/2023 13:27	SMA
108-86-1	Bromobenzene	ND		ug/L	0.500	1	EPA 8260C	09/21/2023 09:00	09/21/2023 13:27	SMA
74-97-5	Bromochloromethane	ND		ug/L	0.500	1	EPA 8260C	09/21/2023 09:00	09/21/2023 13:27	SMA
75-27-4	Bromodichloromethane	ND		ug/L	0.500	1	EPA 8260C	09/21/2023 09:00	09/21/2023 13:27	SMA
75-25-2	Bromoform	ND	CAL-E	ug/L	0.500	1	EPA 8260C	09/21/2023 09:00	09/21/2023 13:27	SMA
74-83-9	Bromomethane	ND	CCVE	ug/L	0.500	1	EPA 8260C	09/21/2023 09:00	09/21/2023 13:27	SMA
75-15-0	Carbon disulfide	ND		ug/L	0.500	1	EPA 8260C	09/21/2023 09:00	09/21/2023 13:27	SMA
56-23-5	Carbon tetrachloride	ND		ug/L	0.500	1	EPA 8260C	09/21/2023 09:00	09/21/2023 13:27	SMA
108-90-7	Chlorobenzene	ND		ug/L	0.500	1	EPA 8260C	09/21/2023 09:00	09/21/2023 13:27	SMA
75-00-3	Chloroethane	ND		ug/L	0.500	1	EPA 8260C	09/21/2023 09:00	09/21/2023 13:27	SMA
67-66-3	Chloroform	ND		ug/L	0.500	1	EPA 8260C	09/21/2023 09:00	09/21/2023 13:27	SMA
74-87-3	Chloromethane	ND		ug/L	0.500	1	EPA 8260C	09/21/2023 09:00	09/21/2023 13:27	SMA
156-59-2	cis-1,2-Dichloroethylene	ND		ug/L	0.500	1	EPA 8260C	09/21/2023 09:00	09/21/2023 13:27	SMA
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.500	1	EPA 8260C	09/21/2023 09:00	09/21/2023 13:27	SMA
124-48-1	Dibromochloromethane	ND		ug/L	0.500	1	EPA 8260C	09/21/2023 09:00	09/21/2023 13:27	SMA
74-95-3	Dibromomethane	ND		ug/L	0.500	1	EPA 8260C	09/21/2023 09:00	09/21/2023 13:27	SMA
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.500	1	EPA 8260C	09/21/2023 09:00	09/21/2023 13:27	SMA
100-41-4	Ethyl Benzene	ND		ug/L	0.500	1	EPA 8260C	09/21/2023 09:00	09/21/2023 13:27	SMA

Sample Information

Client Sample ID: **MW-12** **York Sample ID:** **23I1004-18**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23I1004	TE 23-007 Region 18	Ground Water	September 15, 2023 10:15 am	09/15/2023

VOA, 8260 RCP LOW MASTER

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

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
87-68-3	Hexachlorobutadiene	ND		ug/L	0.500	1	EPA 8260C	09/21/2023 09:00	09/21/2023 13:27	SMA
98-82-8	Isopropylbenzene	ND		ug/L	0.500	1	EPA 8260C	09/21/2023 09:00	09/21/2023 13:27	SMA
80-62-6	Methyl Methacrylate	ND		ug/L	0.500	1	EPA 8260C	09/21/2023 09:00	09/21/2023 13:27	SMA
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.500	1	EPA 8260C	09/21/2023 09:00	09/21/2023 13:27	SMA
75-09-2	Methylene chloride	ND	CAL-E	ug/L	2.00	1	EPA 8260C	09/21/2023 09:00	09/21/2023 13:27	SMA
91-20-3	Naphthalene	ND		ug/L	2.00	1	EPA 8260C	09/21/2023 09:00	09/21/2023 13:27	SMA
104-51-8	n-Butylbenzene	ND		ug/L	0.500	1	EPA 8260C	09/21/2023 09:00	09/21/2023 13:27	SMA
103-65-1	n-Propylbenzene	ND		ug/L	0.500	1	EPA 8260C	09/21/2023 09:00	09/21/2023 13:27	SMA
95-47-6	o-Xylene	ND		ug/L	0.500	1	EPA 8260C	09/21/2023 09:00	09/21/2023 13:27	SMA
179601-23-1	p- & m- Xylenes	ND		ug/L	1.00	1	EPA 8260C	09/21/2023 09:00	09/21/2023 13:27	SMA
99-87-6	p-Isopropyltoluene	ND		ug/L	0.500	1	EPA 8260C	09/21/2023 09:00	09/21/2023 13:27	SMA
135-98-8	sec-Butylbenzene	ND		ug/L	0.500	1	EPA 8260C	09/21/2023 09:00	09/21/2023 13:27	SMA
100-42-5	Styrene	ND		ug/L	0.500	1	EPA 8260C	09/21/2023 09:00	09/21/2023 13:27	SMA
98-06-6	tert-Butylbenzene	ND		ug/L	0.500	1	EPA 8260C	09/21/2023 09:00	09/21/2023 13:27	SMA
127-18-4	Tetrachloroethylene	ND	CCVE, ICVE, QL-02	ug/L	0.500	1	EPA 8260C	09/21/2023 09:00	09/21/2023 13:27	SMA
109-99-9	Tetrahydrofuran	ND		ug/L	4.00	1	EPA 8260C	09/21/2023 09:00	09/21/2023 13:27	SMA
108-88-3	Toluene	ND		ug/L	0.500	1	EPA 8260C	09/21/2023 09:00	09/21/2023 13:27	SMA
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.500	1	EPA 8260C	09/21/2023 09:00	09/21/2023 13:27	SMA
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.500	1	EPA 8260C	09/21/2023 09:00	09/21/2023 13:27	SMA
110-57-6	trans-1,4-dichloro-2-butene	ND		ug/L	0.500	1	EPA 8260C	09/21/2023 09:00	09/21/2023 13:27	SMA
79-01-6	Trichloroethylene	ND		ug/L	0.500	1	EPA 8260C	09/21/2023 09:00	09/21/2023 13:27	SMA
75-69-4	Trichlorofluoromethane	ND		ug/L	0.500	1	EPA 8260C	09/21/2023 09:00	09/21/2023 13:27	SMA
75-01-4	Vinyl Chloride	ND		ug/L	0.500	1	EPA 8260C	09/21/2023 09:00	09/21/2023 13:27	SMA

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: SURR: 1,2-Dichloroethane-d4*	*113 %*	*70-130*
2037-26-5	*Surrogate: SURR: Toluene-d8*	*94.1 %*	*70-130*
460-00-4	*Surrogate: SURR: p-Bromofluorobenzene*	*92.3 %*	*70-130*

Sample Information

Client Sample ID: **MW-12** **York Sample ID:** **23I1004-18**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23I1004	TE 23-007 Region 18	Ground Water	September 15, 2023 10:15 am	09/15/2023

SVOA, 8270 LOW RCP MASTER

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

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
91-57-6	2-Methylnaphthalene	ND		ug/L	5.00	1	EPA 8270D	09/22/2023 07:53	09/22/2023 20:58	KH
	Surrogate Recoveries	**Result**			**Acceptance Range**					
4165-60-0	*Surrogate: SURR: Nitrobenzene-d5*	*52.6 %*			*30-130*					
321-60-8	*Surrogate: SURR: 2-Fluorobiphenyl*	*59.3 %*			*30-130*					
1718-51-0	*Surrogate: SURR: Terphenyl-d14*	*34.9 %*			*30-130*					

SVOA, 8270 SIM RCP MASTER

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

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
83-32-9	Acenaphthene	ND	ICVE	ug/L	0.0500	1	EPA 8270D SIM	09/22/2023 07:53	09/23/2023 01:34	KH
208-96-8	Acenaphthylene	ND	ICVE	ug/L	0.0500	1	EPA 8270D SIM	09/22/2023 07:53	09/23/2023 01:34	KH
120-12-7	Anthracene	ND	ICVE	ug/L	0.0500	1	EPA 8270D SIM	09/22/2023 07:53	09/23/2023 01:34	KH
56-55-3	Benzo(a)anthracene	ND	ICVE	ug/L	0.0500	1	EPA 8270D SIM	09/22/2023 07:53	09/23/2023 01:34	KH
50-32-8	Benzo(a)pyrene	ND	ICVE	ug/L	0.0500	1	EPA 8270D SIM	09/22/2023 07:53	09/23/2023 01:34	KH
205-99-2	Benzo(b)fluoranthene	ND	ICVE	ug/L	0.0500	1	EPA 8270D SIM	09/22/2023 07:53	09/23/2023 01:34	KH
191-24-2	Benzo(g,h,i)perylene	ND	ICVE	ug/L	0.0500	1	EPA 8270D SIM	09/22/2023 07:53	09/23/2023 01:34	KH
207-08-9	Benzo(k)fluoranthene	ND	ICVE	ug/L	0.0500	1	EPA 8270D SIM	09/22/2023 07:53	09/23/2023 01:34	KH
218-01-9	Chrysene	ND	ICVE	ug/L	0.0500	1	EPA 8270D SIM	09/22/2023 07:53	09/23/2023 01:34	KH
53-70-3	Dibenzo(a,h)anthracene	ND	ICVE	ug/L	0.0500	1	EPA 8270D SIM	09/22/2023 07:53	09/23/2023 01:34	KH
206-44-0	Fluoranthene	ND	ICVE	ug/L	0.0500	1	EPA 8270D SIM	09/22/2023 07:53	09/23/2023 01:34	KH
86-73-7	Fluorene	ND	ICVE	ug/L	0.0500	1	EPA 8270D SIM	09/22/2023 07:53	09/23/2023 01:34	KH
193-39-5	Indeno(1,2,3-cd)pyrene	ND	ICVE	ug/L	0.0500	1	EPA 8270D SIM	09/22/2023 07:53	09/23/2023 01:34	KH
91-20-3	**Naphthalene**	**0.0500**	ICVE	ug/L	0.0500	1	EPA 8270D SIM	09/22/2023 07:53	09/23/2023 01:34	KH
85-01-8	Phenanthrene	ND	ICVE	ug/L	0.0500	1	EPA 8270D SIM	09/22/2023 07:53	09/23/2023 01:34	KH
129-00-0	Pyrene	ND	ICVE	ug/L	0.0500	1	EPA 8270D SIM	09/22/2023 07:53	09/23/2023 01:34	KH

Extractable Total Petroleum Hydrocarbons (ETPH)

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

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
CT ETPH	ETPH (Extractable Total Petroleum Hydrocarbons)	ND		mg/L	0.150	1	CT DEP ETPH	09/22/2023 07:58	09/23/2023 11:56	GXB
	Surrogate Recoveries	**Result**			**Acceptance Range**					
3386-33-2	*Surrogate: 1-Chlorooctadecane*	*51.9 %*			*30-140*					

Sample Information

Client Sample ID: **MW-13** **York Sample ID:** **23I1004-19**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23I1004	TE 23-007 Region 18	Ground Water	September 15, 2023 10:50 am	09/15/2023

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

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/L	0.500	1	EPA 8260C	09/21/2023 09:00	09/21/2023 13:54	SMA
71-55-6	1,1,1-Trichloroethane	ND		ug/L	0.500	1	EPA 8260C	09/21/2023 09:00	09/21/2023 13:54	SMA
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.500	1	EPA 8260C	09/21/2023 09:00	09/21/2023 13:54	SMA
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/L	0.500	1	EPA 8260C	09/21/2023 09:00	09/21/2023 13:54	SMA
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.500	1	EPA 8260C	09/21/2023 09:00	09/21/2023 13:54	SMA
75-34-3	1,1-Dichloroethane	ND		ug/L	0.500	1	EPA 8260C	09/21/2023 09:00	09/21/2023 13:54	SMA
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.500	1	EPA 8260C	09/21/2023 09:00	09/21/2023 13:54	SMA
563-58-6	1,1-Dichloropropylene	ND		ug/L	0.500	1	EPA 8260C	09/21/2023 09:00	09/21/2023 13:54	SMA
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	0.500	1	EPA 8260C	09/21/2023 09:00	09/21/2023 13:54	SMA
96-18-4	1,2,3-Trichloropropane	ND		ug/L	0.500	1	EPA 8260C	09/21/2023 09:00	09/21/2023 13:54	SMA
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.500	1	EPA 8260C	09/21/2023 09:00	09/21/2023 13:54	SMA
95-63-6	**1,2,4-Trimethylbenzene**	**0.780**		ug/L	0.500	1	EPA 8260C	09/21/2023 09:00	09/21/2023 13:54	SMA
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.500	1	EPA 8260C	09/21/2023 09:00	09/21/2023 13:54	SMA
106-93-4	1,2-Dibromoethane	ND		ug/L	0.500	1	EPA 8260C	09/21/2023 09:00	09/21/2023 13:54	SMA
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.500	1	EPA 8260C	09/21/2023 09:00	09/21/2023 13:54	SMA
107-06-2	1,2-Dichloroethane	ND		ug/L	0.500	1	EPA 8260C	09/21/2023 09:00	09/21/2023 13:54	SMA
78-87-5	1,2-Dichloropropane	ND		ug/L	0.500	1	EPA 8260C	09/21/2023 09:00	09/21/2023 13:54	SMA
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	0.500	1	EPA 8260C	09/21/2023 09:00	09/21/2023 13:54	SMA
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.500	1	EPA 8260C	09/21/2023 09:00	09/21/2023 13:54	SMA
142-28-9	1,3-Dichloropropane	ND		ug/L	0.500	1	EPA 8260C	09/21/2023 09:00	09/21/2023 13:54	SMA
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.500	1	EPA 8260C	09/21/2023 09:00	09/21/2023 13:54	SMA
594-20-7	2,2-Dichloropropane	ND		ug/L	0.500	1	EPA 8260C	09/21/2023 09:00	09/21/2023 13:54	SMA
78-93-3	2-Butanone	ND		ug/L	0.500	1	EPA 8260C	09/21/2023 09:00	09/21/2023 13:54	SMA
95-49-8	2-Chlorotoluene	ND		ug/L	0.500	1	EPA 8260C	09/21/2023 09:00	09/21/2023 13:54	SMA
591-78-6	2-Hexanone	ND	ICVE	ug/L	0.500	1	EPA 8260C	09/21/2023 09:00	09/21/2023 13:54	SMA
106-43-4	4-Chlorotoluene	ND		ug/L	0.500	1	EPA 8260C	09/21/2023 09:00	09/21/2023 13:54	SMA
108-10-1	4-Methyl-2-pentanone	ND	QL-02, CAL-E, ICVE	ug/L	0.500	1	EPA 8260C	09/21/2023 09:00	09/21/2023 13:54	SMA
67-64-1	Acetone	ND	CAL-E	ug/L	2.00	1	EPA 8260C	09/21/2023 09:00	09/21/2023 13:54	SMA
107-13-1	Acrylonitrile	ND	CAL-E	ug/L	0.500	1	EPA 8260C	09/21/2023 09:00	09/21/2023 13:54	SMA
71-43-2	**Benzene**	**4.02**		ug/L	0.500	1	EPA 8260C	09/21/2023 09:00	09/21/2023 13:54	SMA
108-86-1	Bromobenzene	ND		ug/L	0.500	1	EPA 8260C	09/21/2023 09:00	09/21/2023 13:54	SMA
74-97-5	Bromochloromethane	ND		ug/L	0.500	1	EPA 8260C	09/21/2023 09:00	09/21/2023 13:54	SMA
75-27-4	Bromodichloromethane	ND		ug/L	0.500	1	EPA 8260C	09/21/2023 09:00	09/21/2023 13:54	SMA
75-25-2	Bromoform	ND	CAL-E	ug/L	0.500	1	EPA 8260C	09/21/2023 09:00	09/21/2023 13:54	SMA
74-83-9	Bromomethane	ND	CCVE	ug/L	0.500	1	EPA 8260C	09/21/2023 09:00	09/21/2023 13:54	SMA
75-15-0	Carbon disulfide	ND		ug/L	0.500	1	EPA 8260C	09/21/2023 09:00	09/21/2023 13:54	SMA

Sample Information

Client Sample ID: **MW-13** **York Sample ID:** **23I1004-19**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23I1004	TE 23-007 Region 18	Ground Water	September 15, 2023 10:50 am	09/15/2023

VOA, 8260 RCP LOW MASTER

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

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
56-23-5	Carbon tetrachloride	ND		ug/L	0.500	1	EPA 8260C	09/21/2023 09:00	09/21/2023 13:54	SMA
108-90-7	Chlorobenzene	ND		ug/L	0.500	1	EPA 8260C	09/21/2023 09:00	09/21/2023 13:54	SMA
75-00-3	Chloroethane	ND		ug/L	0.500	1	EPA 8260C	09/21/2023 09:00	09/21/2023 13:54	SMA
67-66-3	Chloroform	ND		ug/L	0.500	1	EPA 8260C	09/21/2023 09:00	09/21/2023 13:54	SMA
74-87-3	Chloromethane	ND		ug/L	0.500	1	EPA 8260C	09/21/2023 09:00	09/21/2023 13:54	SMA
156-59-2	cis-1,2-Dichloroethylene	ND		ug/L	0.500	1	EPA 8260C	09/21/2023 09:00	09/21/2023 13:54	SMA
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.500	1	EPA 8260C	09/21/2023 09:00	09/21/2023 13:54	SMA
124-48-1	Dibromochloromethane	ND		ug/L	0.500	1	EPA 8260C	09/21/2023 09:00	09/21/2023 13:54	SMA
74-95-3	Dibromomethane	ND		ug/L	0.500	1	EPA 8260C	09/21/2023 09:00	09/21/2023 13:54	SMA
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.500	1	EPA 8260C	09/21/2023 09:00	09/21/2023 13:54	SMA
100-41-4	**Ethyl Benzene**	**4.44**		ug/L	0.500	1	EPA 8260C	09/21/2023 09:00	09/21/2023 13:54	SMA
87-68-3	Hexachlorobutadiene	ND		ug/L	0.500	1	EPA 8260C	09/21/2023 09:00	09/21/2023 13:54	SMA
98-82-8	**Isopropylbenzene**	**0.790**		ug/L	0.500	1	EPA 8260C	09/21/2023 09:00	09/21/2023 13:54	SMA
80-62-6	Methyl Methacrylate	ND		ug/L	0.500	1	EPA 8260C	09/21/2023 09:00	09/21/2023 13:54	SMA
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.500	1	EPA 8260C	09/21/2023 09:00	09/21/2023 13:54	SMA
75-09-2	Methylene chloride	ND	CAL-E	ug/L	2.00	1	EPA 8260C	09/21/2023 09:00	09/21/2023 13:54	SMA
91-20-3	Naphthalene	ND		ug/L	2.00	1	EPA 8260C	09/21/2023 09:00	09/21/2023 13:54	SMA
104-51-8	n-Butylbenzene	ND		ug/L	0.500	1	EPA 8260C	09/21/2023 09:00	09/21/2023 13:54	SMA
103-65-1	**n-Propylbenzene**	**0.930**		ug/L	0.500	1	EPA 8260C	09/21/2023 09:00	09/21/2023 13:54	SMA
95-47-6	o-Xylene	ND		ug/L	0.500	1	EPA 8260C	09/21/2023 09:00	09/21/2023 13:54	SMA
179601-23-1	p- & m- Xylenes	ND		ug/L	1.00	1	EPA 8260C	09/21/2023 09:00	09/21/2023 13:54	SMA
99-87-6	p-Isopropyltoluene	ND		ug/L	0.500	1	EPA 8260C	09/21/2023 09:00	09/21/2023 13:54	SMA
135-98-8	**sec-Butylbenzene**	**0.550**		ug/L	0.500	1	EPA 8260C	09/21/2023 09:00	09/21/2023 13:54	SMA
100-42-5	Styrene	ND		ug/L	0.500	1	EPA 8260C	09/21/2023 09:00	09/21/2023 13:54	SMA
98-06-6	tert-Butylbenzene	ND		ug/L	0.500	1	EPA 8260C	09/21/2023 09:00	09/21/2023 13:54	SMA
127-18-4	Tetrachloroethylene	ND	QL-02, CCVE, ICVE	ug/L	0.500	1	EPA 8260C	09/21/2023 09:00	09/21/2023 13:54	SMA
109-99-9	Tetrahydrofuran	ND		ug/L	4.00	1	EPA 8260C	09/21/2023 09:00	09/21/2023 13:54	SMA
108-88-3	Toluene	ND		ug/L	0.500	1	EPA 8260C	09/21/2023 09:00	09/21/2023 13:54	SMA
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.500	1	EPA 8260C	09/21/2023 09:00	09/21/2023 13:54	SMA
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.500	1	EPA 8260C	09/21/2023 09:00	09/21/2023 13:54	SMA
110-57-6	trans-1,4-dichloro-2-butene	ND		ug/L	0.500	1	EPA 8260C	09/21/2023 09:00	09/21/2023 13:54	SMA
79-01-6	Trichloroethylene	ND		ug/L	0.500	1	EPA 8260C	09/21/2023 09:00	09/21/2023 13:54	SMA
75-69-4	Trichlorofluoromethane	ND		ug/L	0.500	1	EPA 8260C	09/21/2023 09:00	09/21/2023 13:54	SMA
75-01-4	Vinyl Chloride	ND		ug/L	0.500	1	EPA 8260C	09/21/2023 09:00	09/21/2023 13:54	SMA

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: SURR: 1,2-Dichloroethane-d4*	*109 %*	*70-130*
2037-26-5	*Surrogate: SURR: Toluene-d8*	*95.5 %*	*70-130*

Sample Information

Client Sample ID: **MW-13** **York Sample ID:** **23I1004-19**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23I1004	TE 23-007 Region 18	Ground Water	September 15, 2023 10:50 am	09/15/2023

VOA, 8260 RCP LOW MASTER

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

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
460-00-4	*Surrogate: SURR: p-Bromofluorobenzene*	*92.9 %*			*70-130*					

SVOA, 8270 LOW RCP MASTER

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

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
91-57-6	2-Methylnaphthalene	ND		ug/L	5.00	1	EPA 8270D	09/22/2023 07:53	09/22/2023 21:29	KH
	Surrogate Recoveries	**Result**			**Acceptance Range**					
4165-60-0	*Surrogate: SURR: Nitrobenzene-d5*	*58.5 %*			*30-130*					
321-60-8	*Surrogate: SURR: 2-Fluorobiphenyl*	*59.9 %*			*30-130*					
1718-51-0	*Surrogate: SURR: Terphenyl-d14*	*38.2 %*			*30-130*					

SVOA, 8270 SIM RCP MASTER

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

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
83-32-9	Acenaphthene	ND	ICVE	ug/L	0.0500	1	EPA 8270D SIM	09/22/2023 07:53	09/23/2023 02:04	KH
208-96-8	Acenaphthylene	ND	ICVE	ug/L	0.0500	1	EPA 8270D SIM	09/22/2023 07:53	09/23/2023 02:04	KH
120-12-7	Anthracene	ND	ICVE	ug/L	0.0500	1	EPA 8270D SIM	09/22/2023 07:53	09/23/2023 02:04	KH
56-55-3	Benzo(a)anthracene	ND	ICVE	ug/L	0.0500	1	EPA 8270D SIM	09/22/2023 07:53	09/23/2023 02:04	KH
50-32-8	Benzo(a)pyrene	ND	ICVE	ug/L	0.0500	1	EPA 8270D SIM	09/22/2023 07:53	09/23/2023 02:04	KH
205-99-2	Benzo(b)fluoranthene	ND	ICVE	ug/L	0.0500	1	EPA 8270D SIM	09/22/2023 07:53	09/23/2023 02:04	KH
191-24-2	Benzo(g,h,i)perylene	ND	ICVE	ug/L	0.0500	1	EPA 8270D SIM	09/22/2023 07:53	09/23/2023 02:04	KH
207-08-9	Benzo(k)fluoranthene	ND	ICVE	ug/L	0.0500	1	EPA 8270D SIM	09/22/2023 07:53	09/23/2023 02:04	KH
218-01-9	Chrysene	ND	ICVE	ug/L	0.0500	1	EPA 8270D SIM	09/22/2023 07:53	09/23/2023 02:04	KH
53-70-3	Dibenzo(a,h)anthracene	ND	ICVE	ug/L	0.0500	1	EPA 8270D SIM	09/22/2023 07:53	09/23/2023 02:04	KH
206-44-0	Fluoranthene	ND	ICVE	ug/L	0.0500	1	EPA 8270D SIM	09/22/2023 07:53	09/23/2023 02:04	KH
86-73-7	**Fluorene**	**0.0500**	ICVE	ug/L	0.0500	1	EPA 8270D SIM	09/22/2023 07:53	09/23/2023 02:04	KH
193-39-5	Indeno(1,2,3-cd)pyrene	ND	ICVE	ug/L	0.0500	1	EPA 8270D SIM	09/22/2023 07:53	09/23/2023 02:04	KH
91-20-3	**Naphthalene**	**0.500**	ICVE	ug/L	0.0500	1	EPA 8270D SIM	09/22/2023 07:53	09/23/2023 02:04	KH
85-01-8	Phenanthrene	ND	ICVE	ug/L	0.0500	1	EPA 8270D SIM	09/22/2023 07:53	09/23/2023 02:04	KH
129-00-0	Pyrene	ND	ICVE	ug/L	0.0500	1	EPA 8270D SIM	09/22/2023 07:53	09/23/2023 02:04	KH

Extractable Total Petroleum Hydrocarbons (ETPH)

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

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
CT ETPH	**ETPH (Extractable Total Petroleum Hydrocarbons)**	**0.320**		mg/L	0.150	1	CT DEP ETPH	09/22/2023 07:58	09/23/2023 12:34	GXB
	Surrogate Recoveries	**Result**			**Acceptance Range**					

Sample Information

Client Sample ID: **MW-13** **York Sample ID:** **23I1004-19**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23I1004	TE 23-007 Region 18	Ground Water	September 15, 2023 10:50 am	09/15/2023

Extractable Total Petroleum Hydrocarbons (ETPH) **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
3386-33-2	*Surrogate: 1-Chlorooctadecane*	*53.0 %*			*30-140*					

Sample Information

Client Sample ID: **MW-18** **York Sample ID:** **23I1004-20**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23I1004	TE 23-007 Region 18	Ground Water	September 15, 2023 11:45 am	09/15/2023

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

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/L	0.500	1	EPA 8260C	09/21/2023 09:00	09/21/2023 14:21	SMA
71-55-6	1,1,1-Trichloroethane	ND		ug/L	0.500	1	EPA 8260C	09/21/2023 09:00	09/21/2023 14:21	SMA
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.500	1	EPA 8260C	09/21/2023 09:00	09/21/2023 14:21	SMA
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/L	0.500	1	EPA 8260C	09/21/2023 09:00	09/21/2023 14:21	SMA
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.500	1	EPA 8260C	09/21/2023 09:00	09/21/2023 14:21	SMA
75-34-3	1,1-Dichloroethane	ND		ug/L	0.500	1	EPA 8260C	09/21/2023 09:00	09/21/2023 14:21	SMA
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.500	1	EPA 8260C	09/21/2023 09:00	09/21/2023 14:21	SMA
563-58-6	1,1-Dichloropropylene	ND		ug/L	0.500	1	EPA 8260C	09/21/2023 09:00	09/21/2023 14:21	SMA
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	0.500	1	EPA 8260C	09/21/2023 09:00	09/21/2023 14:21	SMA
96-18-4	1,2,3-Trichloropropane	ND		ug/L	0.500	1	EPA 8260C	09/21/2023 09:00	09/21/2023 14:21	SMA
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.500	1	EPA 8260C	09/21/2023 09:00	09/21/2023 14:21	SMA
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	0.500	1	EPA 8260C	09/21/2023 09:00	09/21/2023 14:21	SMA
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.500	1	EPA 8260C	09/21/2023 09:00	09/21/2023 14:21	SMA
106-93-4	1,2-Dibromoethane	ND		ug/L	0.500	1	EPA 8260C	09/21/2023 09:00	09/21/2023 14:21	SMA
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.500	1	EPA 8260C	09/21/2023 09:00	09/21/2023 14:21	SMA
107-06-2	1,2-Dichloroethane	ND		ug/L	0.500	1	EPA 8260C	09/21/2023 09:00	09/21/2023 14:21	SMA
78-87-5	1,2-Dichloropropane	ND		ug/L	0.500	1	EPA 8260C	09/21/2023 09:00	09/21/2023 14:21	SMA
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	0.500	1	EPA 8260C	09/21/2023 09:00	09/21/2023 14:21	SMA
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.500	1	EPA 8260C	09/21/2023 09:00	09/21/2023 14:21	SMA
142-28-9	1,3-Dichloropropane	ND		ug/L	0.500	1	EPA 8260C	09/21/2023 09:00	09/21/2023 14:21	SMA
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.500	1	EPA 8260C	09/21/2023 09:00	09/21/2023 14:21	SMA
594-20-7	2,2-Dichloropropane	ND		ug/L	0.500	1	EPA 8260C	09/21/2023 09:00	09/21/2023 14:21	SMA
78-93-3	2-Butanone	ND		ug/L	0.500	1	EPA 8260C	09/21/2023 09:00	09/21/2023 14:21	SMA
95-49-8	2-Chlorotoluene	ND		ug/L	0.500	1	EPA 8260C	09/21/2023 09:00	09/21/2023 14:21	SMA

Sample Information

Client Sample ID: **MW-18** **York Sample ID:** **23I1004-20**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23I1004	TE 23-007 Region 18	Ground Water	September 15, 2023 11:45 am	09/15/2023

VOA, 8260 RCP LOW MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
591-78-6	2-Hexanone	ND	ICVE	ug/L	0.500	1	EPA 8260C	09/21/2023 09:00	09/21/2023 14:21	SMA
106-43-4	4-Chlorotoluene	ND		ug/L	0.500	1	EPA 8260C	09/21/2023 09:00	09/21/2023 14:21	SMA
108-10-1	4-Methyl-2-pentanone	ND	ICVE, QL-02, CAL-E	ug/L	0.500	1	EPA 8260C	09/21/2023 09:00	09/21/2023 14:21	SMA
67-64-1	Acetone	ND	CAL-E	ug/L	2.00	1	EPA 8260C	09/21/2023 09:00	09/21/2023 14:21	SMA
107-13-1	Acrylonitrile	ND	CAL-E	ug/L	0.500	1	EPA 8260C	09/21/2023 09:00	09/21/2023 14:21	SMA
71-43-2	**Benzene**	**4.81**		ug/L	0.500	1	EPA 8260C	09/21/2023 09:00	09/21/2023 14:21	SMA
108-86-1	Bromobenzene	ND		ug/L	0.500	1	EPA 8260C	09/21/2023 09:00	09/21/2023 14:21	SMA
74-97-5	Bromochloromethane	ND		ug/L	0.500	1	EPA 8260C	09/21/2023 09:00	09/21/2023 14:21	SMA
75-27-4	Bromodichloromethane	ND		ug/L	0.500	1	EPA 8260C	09/21/2023 09:00	09/21/2023 14:21	SMA
75-25-2	Bromoform	ND	CAL-E	ug/L	0.500	1	EPA 8260C	09/21/2023 09:00	09/21/2023 14:21	SMA
74-83-9	Bromomethane	ND	CCVE	ug/L	0.500	1	EPA 8260C	09/21/2023 09:00	09/21/2023 14:21	SMA
75-15-0	Carbon disulfide	ND		ug/L	0.500	1	EPA 8260C	09/21/2023 09:00	09/21/2023 14:21	SMA
56-23-5	Carbon tetrachloride	ND		ug/L	0.500	1	EPA 8260C	09/21/2023 09:00	09/21/2023 14:21	SMA
108-90-7	Chlorobenzene	ND		ug/L	0.500	1	EPA 8260C	09/21/2023 09:00	09/21/2023 14:21	SMA
75-00-3	Chloroethane	ND		ug/L	0.500	1	EPA 8260C	09/21/2023 09:00	09/21/2023 14:21	SMA
67-66-3	Chloroform	ND		ug/L	0.500	1	EPA 8260C	09/21/2023 09:00	09/21/2023 14:21	SMA
74-87-3	Chloromethane	ND		ug/L	0.500	1	EPA 8260C	09/21/2023 09:00	09/21/2023 14:21	SMA
156-59-2	cis-1,2-Dichloroethylene	ND		ug/L	0.500	1	EPA 8260C	09/21/2023 09:00	09/21/2023 14:21	SMA
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.500	1	EPA 8260C	09/21/2023 09:00	09/21/2023 14:21	SMA
124-48-1	Dibromochloromethane	ND		ug/L	0.500	1	EPA 8260C	09/21/2023 09:00	09/21/2023 14:21	SMA
74-95-3	Dibromomethane	ND		ug/L	0.500	1	EPA 8260C	09/21/2023 09:00	09/21/2023 14:21	SMA
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.500	1	EPA 8260C	09/21/2023 09:00	09/21/2023 14:21	SMA
100-41-4	Ethyl Benzene	ND		ug/L	0.500	1	EPA 8260C	09/21/2023 09:00	09/21/2023 14:21	SMA
87-68-3	Hexachlorobutadiene	ND		ug/L	0.500	1	EPA 8260C	09/21/2023 09:00	09/21/2023 14:21	SMA
98-82-8	**Isopropylbenzene**	**1.38**		ug/L	0.500	1	EPA 8260C	09/21/2023 09:00	09/21/2023 14:21	SMA
80-62-6	Methyl Methacrylate	ND		ug/L	0.500	1	EPA 8260C	09/21/2023 09:00	09/21/2023 14:21	SMA
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.500	1	EPA 8260C	09/21/2023 09:00	09/21/2023 14:21	SMA
75-09-2	Methylene chloride	ND	CAL-E	ug/L	2.00	1	EPA 8260C	09/21/2023 09:00	09/21/2023 14:21	SMA
91-20-3	Naphthalene	ND		ug/L	2.00	1	EPA 8260C	09/21/2023 09:00	09/21/2023 14:21	SMA
104-51-8	n-Butylbenzene	ND		ug/L	0.500	1	EPA 8260C	09/21/2023 09:00	09/21/2023 14:21	SMA
103-65-1	n-Propylbenzene	ND		ug/L	0.500	1	EPA 8260C	09/21/2023 09:00	09/21/2023 14:21	SMA
95-47-6	**o-Xylene**	**0.900**		ug/L	0.500	1	EPA 8260C	09/21/2023 09:00	09/21/2023 14:21	SMA
179601-23-1	p- & m- Xylenes	ND		ug/L	1.00	1	EPA 8260C	09/21/2023 09:00	09/21/2023 14:21	SMA
99-87-6	p-Isopropyltoluene	ND		ug/L	0.500	1	EPA 8260C	09/21/2023 09:00	09/21/2023 14:21	SMA
135-98-8	**sec-Butylbenzene**	**0.830**		ug/L	0.500	1	EPA 8260C	09/21/2023 09:00	09/21/2023 14:21	SMA
100-42-5	Styrene	ND		ug/L	0.500	1	EPA 8260C	09/21/2023 09:00	09/21/2023 14:21	SMA
98-06-6	tert-Butylbenzene	ND		ug/L	0.500	1	EPA 8260C	09/21/2023 09:00	09/21/2023 14:21	SMA

Sample Information

Client Sample ID: **MW-18** **York Sample ID:** **23I1004-20**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23I1004	TE 23-007 Region 18	Ground Water	September 15, 2023 11:45 am	09/15/2023

VOA, 8260 RCP LOW MASTER

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

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
127-18-4	Tetrachloroethylene	ND	CCVE, ICVE, QL-02	ug/L	0.500	1	EPA 8260C	09/21/2023 09:00	09/21/2023 14:21	SMA
109-99-9	Tetrahydrofuran	ND		ug/L	4.00	1	EPA 8260C	09/21/2023 09:00	09/21/2023 14:21	SMA
108-88-3	Toluene	ND		ug/L	0.500	1	EPA 8260C	09/21/2023 09:00	09/21/2023 14:21	SMA
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.500	1	EPA 8260C	09/21/2023 09:00	09/21/2023 14:21	SMA
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.500	1	EPA 8260C	09/21/2023 09:00	09/21/2023 14:21	SMA
110-57-6	trans-1,4-dichloro-2-butene	ND		ug/L	0.500	1	EPA 8260C	09/21/2023 09:00	09/21/2023 14:21	SMA
79-01-6	Trichloroethylene	ND		ug/L	0.500	1	EPA 8260C	09/21/2023 09:00	09/21/2023 14:21	SMA
75-69-4	Trichlorofluoromethane	ND		ug/L	0.500	1	EPA 8260C	09/21/2023 09:00	09/21/2023 14:21	SMA
75-01-4	Vinyl Chloride	ND		ug/L	0.500	1	EPA 8260C	09/21/2023 09:00	09/21/2023 14:21	SMA

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: SURR: 1,2-Dichloroethane-d4*	*106 %*	*70-130*
2037-26-5	*Surrogate: SURR: Toluene-d8*	*95.9 %*	*70-130*
460-00-4	*Surrogate: SURR: p-Bromofluorobenzene*	*93.3 %*	*70-130*

Semi-Volatiles, CT RCP PAH List

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

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
91-57-6	2-Methylnaphthalene	ND		ug/L	5.00	1	EPA 8270D	09/22/2023 07:53	09/22/2023 22:00	KH
83-32-9	Acenaphthene	ND		ug/L	0.0500	1	EPA 8270D	09/22/2023 07:53	09/22/2023 22:00	KH
208-96-8	Acenaphthylene	ND		ug/L	0.0500	1	EPA 8270D	09/22/2023 07:53	09/22/2023 22:00	KH
120-12-7	Anthracene	ND		ug/L	0.0500	1	EPA 8270D	09/22/2023 07:53	09/22/2023 22:00	KH
56-55-3	Benzo(a)anthracene	ND		ug/L	0.0500	1	EPA 8270D	09/22/2023 07:53	09/22/2023 22:00	KH
50-32-8	Benzo(a)pyrene	ND		ug/L	0.0500	1	EPA 8270D	09/22/2023 07:53	09/22/2023 22:00	KH
205-99-2	Benzo(b)fluoranthene	ND		ug/L	0.0500	1	EPA 8270D	09/22/2023 07:53	09/22/2023 22:00	KH
191-24-2	Benzo(g,h,i)perylene	ND		ug/L	0.0500	1	EPA 8270D	09/22/2023 07:53	09/22/2023 22:00	KH
207-08-9	Benzo(k)fluoranthene	ND		ug/L	0.0500	1	EPA 8270D	09/22/2023 07:53	09/22/2023 22:00	KH
218-01-9	Chrysene	ND		ug/L	0.0500	1	EPA 8270D	09/22/2023 07:53	09/22/2023 22:00	KH
53-70-3	Dibenzo(a,h)anthracene	ND		ug/L	0.0500	1	EPA 8270D	09/22/2023 07:53	09/22/2023 22:00	KH
206-44-0	Fluoranthene	ND		ug/L	0.0500	1	EPA 8270D	09/22/2023 07:53	09/22/2023 22:00	KH
86-73-7	Fluorene	ND		ug/L	0.0500	1	EPA 8270D	09/22/2023 07:53	09/22/2023 22:00	KH
193-39-5	Indeno(1,2,3-cd)pyrene	ND		ug/L	0.0500	1	EPA 8270D	09/22/2023 07:53	09/22/2023 22:00	KH
91-20-3	Naphthalene	ND		ug/L	0.0500	1	EPA 8270D	09/22/2023 07:53	09/22/2023 22:00	KH
85-01-8	Phenanthrene	ND		ug/L	0.0500	1	EPA 8270D	09/22/2023 07:53	09/22/2023 22:00	KH
129-00-0	Pyrene	ND		ug/L	0.0500	1	EPA 8270D	09/22/2023 07:53	09/22/2023 22:00	KH

	Surrogate Recoveries	Result	Acceptance Range
4165-60-0	*Surrogate: SURR: Nitrobenzene-d5*	*53.2 %*	*30-130*

Sample Information

Client Sample ID: **MW-18** **York Sample ID:** **23I1004-20**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23I1004	TE 23-007 Region 18	Ground Water	September 15, 2023 11:45 am	09/15/2023

Semi-Volatiles, CT RCP PAH List

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

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
321-60-8	*Surrogate: SURR: 2-Fluorobiphenyl*	*55.1 %*			*30-130*					
1718-51-0	*Surrogate: SURR: Terphenyl-d14*	*36.1 %*			*30-130*					

SVOA, 8270 LOW RCP MASTER

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

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
91-57-6	2-Methylnaphthalene	ND		ug/L	5.00	1	EPA 8270D	09/22/2023 07:53	09/22/2023 22:00	KH
	Surrogate Recoveries	**Result**			**Acceptance Range**					
4165-60-0	*Surrogate: SURR: Nitrobenzene-d5*	*53.2 %*			*30-130*					
321-60-8	*Surrogate: SURR: 2-Fluorobiphenyl*	*55.1 %*			*30-130*					
1718-51-0	*Surrogate: SURR: Terphenyl-d14*	*36.1 %*			*30-130*					

SVOA, 8270 SIM RCP MASTER

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

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
83-32-9	Acenaphthene	ND	ICVE	ug/L	0.0500	1	EPA 8270D SIM	09/22/2023 07:53	09/23/2023 02:34	KH
208-96-8	Acenaphthylene	ND	ICVE	ug/L	0.0500	1	EPA 8270D SIM	09/22/2023 07:53	09/23/2023 02:34	KH
120-12-7	Anthracene	ND	ICVE	ug/L	0.0500	1	EPA 8270D SIM	09/22/2023 07:53	09/23/2023 02:34	KH
56-55-3	Benzo(a)anthracene	ND	ICVE	ug/L	0.0500	1	EPA 8270D SIM	09/22/2023 07:53	09/23/2023 02:34	KH
50-32-8	Benzo(a)pyrene	ND	ICVE	ug/L	0.0500	1	EPA 8270D SIM	09/22/2023 07:53	09/23/2023 02:34	KH
205-99-2	Benzo(b)fluoranthene	ND	ICVE	ug/L	0.0500	1	EPA 8270D SIM	09/22/2023 07:53	09/23/2023 02:34	KH
191-24-2	Benzo(g,h,i)perylene	ND	ICVE	ug/L	0.0500	1	EPA 8270D SIM	09/22/2023 07:53	09/23/2023 02:34	KH
207-08-9	Benzo(k)fluoranthene	ND	ICVE	ug/L	0.0500	1	EPA 8270D SIM	09/22/2023 07:53	09/23/2023 02:34	KH
218-01-9	Chrysene	ND	ICVE	ug/L	0.0500	1	EPA 8270D SIM	09/22/2023 07:53	09/23/2023 02:34	KH
53-70-3	Dibenzo(a,h)anthracene	ND	ICVE	ug/L	0.0500	1	EPA 8270D SIM	09/22/2023 07:53	09/23/2023 02:34	KH
206-44-0	Fluoranthene	ND	ICVE	ug/L	0.0500	1	EPA 8270D SIM	09/22/2023 07:53	09/23/2023 02:34	KH
86-73-7	Fluorene	ND	ICVE	ug/L	0.0500	1	EPA 8270D SIM	09/22/2023 07:53	09/23/2023 02:34	KH
193-39-5	Indeno(1,2,3-cd)pyrene	ND	ICVE	ug/L	0.0500	1	EPA 8270D SIM	09/22/2023 07:53	09/23/2023 02:34	KH
91-20-3	**Naphthalene**	**0.0600**	ICVE	ug/L	0.0500	1	EPA 8270D SIM	09/22/2023 07:53	09/23/2023 02:34	KH
85-01-8	Phenanthrene	ND	ICVE	ug/L	0.0500	1	EPA 8270D SIM	09/22/2023 07:53	09/23/2023 02:34	KH
129-00-0	Pyrene	ND	ICVE	ug/L	0.0500	1	EPA 8270D SIM	09/22/2023 07:53	09/23/2023 02:34	KH

Extractable Total Petroleum Hydrocarbons (ETPH)

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

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
CT ETPH	**ETPH (Extractable Total Petroleum Hydrocarbons)**	**0.536**		mg/L	0.150	1	CT DEP ETPH	09/18/2023 16:27	09/19/2023 18:42	GXB
	Surrogate Recoveries	**Result**			**Acceptance Range**					

Sample Information

Client Sample ID: **MW-18** **York Sample ID:** **23I1004-20**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23I1004	TE 23-007 Region 18	Ground Water	September 15, 2023 11:45 am	09/15/2023

Extractable Total Petroleum Hydrocarbons (ETPH) **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
3386-33-2	*Surrogate: 1-Chlorooctadecane*	*83.2 %*			*30-140*					

Sample Information

Client Sample ID: **Trip Blank** **York Sample ID:** **23I1004-21**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23I1004	TE 23-007 Region 18	Ground Water	September 15, 2023 12:00 am	09/15/2023

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

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/L	0.500	1	EPA 8260C	09/21/2023 09:00	09/21/2023 11:40	SMA
71-55-6	1,1,1-Trichloroethane	ND		ug/L	0.500	1	EPA 8260C	09/21/2023 09:00	09/21/2023 11:40	SMA
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.500	1	EPA 8260C	09/21/2023 09:00	09/21/2023 11:40	SMA
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/L	0.500	1	EPA 8260C	09/21/2023 09:00	09/21/2023 11:40	SMA
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.500	1	EPA 8260C	09/21/2023 09:00	09/21/2023 11:40	SMA
75-34-3	1,1-Dichloroethane	ND		ug/L	0.500	1	EPA 8260C	09/21/2023 09:00	09/21/2023 11:40	SMA
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.500	1	EPA 8260C	09/21/2023 09:00	09/21/2023 11:40	SMA
563-58-6	1,1-Dichloropropylene	ND		ug/L	0.500	1	EPA 8260C	09/21/2023 09:00	09/21/2023 11:40	SMA
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	0.500	1	EPA 8260C	09/21/2023 09:00	09/21/2023 11:40	SMA
96-18-4	1,2,3-Trichloropropane	ND		ug/L	0.500	1	EPA 8260C	09/21/2023 09:00	09/21/2023 11:40	SMA
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.500	1	EPA 8260C	09/21/2023 09:00	09/21/2023 11:40	SMA
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	0.500	1	EPA 8260C	09/21/2023 09:00	09/21/2023 11:40	SMA
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.500	1	EPA 8260C	09/21/2023 09:00	09/21/2023 11:40	SMA
106-93-4	1,2-Dibromoethane	ND		ug/L	0.500	1	EPA 8260C	09/21/2023 09:00	09/21/2023 11:40	SMA
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.500	1	EPA 8260C	09/21/2023 09:00	09/21/2023 11:40	SMA
107-06-2	1,2-Dichloroethane	ND		ug/L	0.500	1	EPA 8260C	09/21/2023 09:00	09/21/2023 11:40	SMA
78-87-5	1,2-Dichloropropane	ND		ug/L	0.500	1	EPA 8260C	09/21/2023 09:00	09/21/2023 11:40	SMA
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	0.500	1	EPA 8260C	09/21/2023 09:00	09/21/2023 11:40	SMA
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.500	1	EPA 8260C	09/21/2023 09:00	09/21/2023 11:40	SMA
142-28-9	1,3-Dichloropropane	ND		ug/L	0.500	1	EPA 8260C	09/21/2023 09:00	09/21/2023 11:40	SMA
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.500	1	EPA 8260C	09/21/2023 09:00	09/21/2023 11:40	SMA
594-20-7	2,2-Dichloropropane	ND		ug/L	0.500	1	EPA 8260C	09/21/2023 09:00	09/21/2023 11:40	SMA
78-93-3	2-Butanone	ND		ug/L	0.500	1	EPA 8260C	09/21/2023 09:00	09/21/2023 11:40	SMA
95-49-8	2-Chlorotoluene	ND		ug/L	0.500	1	EPA 8260C	09/21/2023 09:00	09/21/2023 11:40	SMA

Sample Information

Client Sample ID: **Trip Blank** **York Sample ID:** **23I1004-21**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23I1004	TE 23-007 Region 18	Ground Water	September 15, 2023 12:00 am	09/15/2023

VOA, 8260 RCP LOW MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
591-78-6	2-Hexanone	ND	ICVE	ug/L	0.500	1	EPA 8260C	09/21/2023 09:00	09/21/2023 11:40	SMA
106-43-4	4-Chlorotoluene	ND		ug/L	0.500	1	EPA 8260C	09/21/2023 09:00	09/21/2023 11:40	SMA
108-10-1	4-Methyl-2-pentanone	ND	ICVE, QL-02, CAL-E	ug/L	0.500	1	EPA 8260C	09/21/2023 09:00	09/21/2023 11:40	SMA
67-64-1	Acetone	ND	CAL-E	ug/L	2.00	1	EPA 8260C	09/21/2023 09:00	09/21/2023 11:40	SMA
107-13-1	Acrylonitrile	ND	CAL-E	ug/L	0.500	1	EPA 8260C	09/21/2023 09:00	09/21/2023 11:40	SMA
71-43-2	Benzene	ND		ug/L	0.500	1	EPA 8260C	09/21/2023 09:00	09/21/2023 11:40	SMA
108-86-1	Bromobenzene	ND		ug/L	0.500	1	EPA 8260C	09/21/2023 09:00	09/21/2023 11:40	SMA
74-97-5	Bromochloromethane	ND		ug/L	0.500	1	EPA 8260C	09/21/2023 09:00	09/21/2023 11:40	SMA
75-27-4	Bromodichloromethane	ND		ug/L	0.500	1	EPA 8260C	09/21/2023 09:00	09/21/2023 11:40	SMA
75-25-2	Bromoform	ND	CAL-E	ug/L	0.500	1	EPA 8260C	09/21/2023 09:00	09/21/2023 11:40	SMA
74-83-9	Bromomethane	ND	CCVE	ug/L	0.500	1	EPA 8260C	09/21/2023 09:00	09/21/2023 11:40	SMA
75-15-0	Carbon disulfide	ND		ug/L	0.500	1	EPA 8260C	09/21/2023 09:00	09/21/2023 11:40	SMA
56-23-5	Carbon tetrachloride	ND		ug/L	0.500	1	EPA 8260C	09/21/2023 09:00	09/21/2023 11:40	SMA
108-90-7	Chlorobenzene	ND		ug/L	0.500	1	EPA 8260C	09/21/2023 09:00	09/21/2023 11:40	SMA
75-00-3	Chloroethane	ND		ug/L	0.500	1	EPA 8260C	09/21/2023 09:00	09/21/2023 11:40	SMA
67-66-3	Chloroform	ND		ug/L	0.500	1	EPA 8260C	09/21/2023 09:00	09/21/2023 11:40	SMA
74-87-3	Chloromethane	ND		ug/L	0.500	1	EPA 8260C	09/21/2023 09:00	09/21/2023 11:40	SMA
156-59-2	cis-1,2-Dichloroethylene	ND		ug/L	0.500	1	EPA 8260C	09/21/2023 09:00	09/21/2023 11:40	SMA
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.500	1	EPA 8260C	09/21/2023 09:00	09/21/2023 11:40	SMA
124-48-1	Dibromochloromethane	ND		ug/L	0.500	1	EPA 8260C	09/21/2023 09:00	09/21/2023 11:40	SMA
74-95-3	Dibromomethane	ND		ug/L	0.500	1	EPA 8260C	09/21/2023 09:00	09/21/2023 11:40	SMA
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.500	1	EPA 8260C	09/21/2023 09:00	09/21/2023 11:40	SMA
100-41-4	Ethyl Benzene	ND		ug/L	0.500	1	EPA 8260C	09/21/2023 09:00	09/21/2023 11:40	SMA
87-68-3	Hexachlorobutadiene	ND		ug/L	0.500	1	EPA 8260C	09/21/2023 09:00	09/21/2023 11:40	SMA
98-82-8	Isopropylbenzene	ND		ug/L	0.500	1	EPA 8260C	09/21/2023 09:00	09/21/2023 11:40	SMA
80-62-6	Methyl Methacrylate	ND		ug/L	0.500	1	EPA 8260C	09/21/2023 09:00	09/21/2023 11:40	SMA
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.500	1	EPA 8260C	09/21/2023 09:00	09/21/2023 11:40	SMA
75-09-2	Methylene chloride	ND	CAL-E	ug/L	2.00	1	EPA 8260C	09/21/2023 09:00	09/21/2023 11:40	SMA
91-20-3	Naphthalene	ND		ug/L	2.00	1	EPA 8260C	09/21/2023 09:00	09/21/2023 11:40	SMA
104-51-8	n-Butylbenzene	ND		ug/L	0.500	1	EPA 8260C	09/21/2023 09:00	09/21/2023 11:40	SMA
103-65-1	n-Propylbenzene	ND		ug/L	0.500	1	EPA 8260C	09/21/2023 09:00	09/21/2023 11:40	SMA
95-47-6	o-Xylene	ND		ug/L	0.500	1	EPA 8260C	09/21/2023 09:00	09/21/2023 11:40	SMA
179601-23-1	p- & m- Xylenes	ND		ug/L	1.00	1	EPA 8260C	09/21/2023 09:00	09/21/2023 11:40	SMA
99-87-6	p-Isopropyltoluene	ND		ug/L	0.500	1	EPA 8260C	09/21/2023 09:00	09/21/2023 11:40	SMA
135-98-8	sec-Butylbenzene	ND		ug/L	0.500	1	EPA 8260C	09/21/2023 09:00	09/21/2023 11:40	SMA
100-42-5	Styrene	ND		ug/L	0.500	1	EPA 8260C	09/21/2023 09:00	09/21/2023 11:40	SMA
98-06-6	tert-Butylbenzene	ND		ug/L	0.500	1	EPA 8260C	09/21/2023 09:00	09/21/2023 11:40	SMA

Sample Information

Client Sample ID: **Trip Blank** **York Sample ID:** **23I1004-21**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23I1004	TE 23-007 Region 18	Ground Water	September 15, 2023 12:00 am	09/15/2023

VOA, 8260 RCP LOW MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
127-18-4	Tetrachloroethylene	ND	CCVE, ICVE, QL-02	ug/L	0.500	1	EPA 8260C	09/21/2023 09:00	09/21/2023 11:40	SMA
109-99-9	Tetrahydrofuran	ND		ug/L	4.00	1	EPA 8260C	09/21/2023 09:00	09/21/2023 11:40	SMA
108-88-3	Toluene	ND		ug/L	0.500	1	EPA 8260C	09/21/2023 09:00	09/21/2023 11:40	SMA
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.500	1	EPA 8260C	09/21/2023 09:00	09/21/2023 11:40	SMA
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.500	1	EPA 8260C	09/21/2023 09:00	09/21/2023 11:40	SMA
110-57-6	trans-1,4-dichloro-2-butene	ND		ug/L	0.500	1	EPA 8260C	09/21/2023 09:00	09/21/2023 11:40	SMA
79-01-6	Trichloroethylene	ND		ug/L	0.500	1	EPA 8260C	09/21/2023 09:00	09/21/2023 11:40	SMA
75-69-4	Trichlorofluoromethane	ND		ug/L	0.500	1	EPA 8260C	09/21/2023 09:00	09/21/2023 11:40	SMA
75-01-4	Vinyl Chloride	ND		ug/L	0.500	1	EPA 8260C	09/21/2023 09:00	09/21/2023 11:40	SMA

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: SURR: 1,2-Dichloroethane-d4*	*110 %*	*70-130*
2037-26-5	*Surrogate: SURR: Toluene-d8*	*97.1 %*	*70-130*
460-00-4	*Surrogate: SURR: p-Bromofluorobenzene*	*94.1 %*	*70-130*

REASONABLE CONFIDENCE PROTOCOL

LABORATORY ANALYSIS QA/QC CERTIFICATION FORM

Laboratory Name:	York Analytical Laboratories, Inc. - Strat	*Client:*	Turner Environmental, LLC
Project Location:	TE 23-007 Region 18	*Lab Project No.:*	**23I1004**
Laboratory Sample ID(s):	23I1004-01 - 23I1004-21	*Sampling Date(s):*	09/12/2023 - 09/15/2023
RCP Methods Used:	See Narrative and Method Reference Section of this Technical Report		

1	For each analytical method referenced in this laboratory report package, were all specified QA/QC performance criteria followed (including the requirement to explain any criteria falling outside of acceptable guidelines, as specified in the CT DEP RCPs)?	YES
1A	Were the method specified preservation and holding time requirements met?	YES
1B	VPH and EPH Methods only: Was the VPH or EPH method conducted without significant modifications (see Section 11.3 of respective RCP methods)?	NR
2	Were all samples received by the laboratory in a condition consistent with that described on the associated chain-of-custody document(s)?	YES
3	Were samples received at an appropriate temperature (< or = 6°C)?	YES
4	Were all QA/QC performance criteria specified in the CTDEP Reasonable Confidence Protocol documents achieved?	NO
5A	Were reporting limits specified or referenced on the chain-of-custody?	YES
5B	Were these reporting limits met?	NO
6	For each analytical method referenced in this laboratory report package, were results reported for all constituents identified in the method-specific analyte lists presented in the Reasonable Confidence Protocol documents?	NO
7	Are project-specific matrix spikes and laboratory duplicates included in this data set?	NO

Notes: For all questions to which the response was "No" (with the exception of question #7), additional information must be provided in an attached narrative. If the answer to questions #1, #1A, or #1B is "No", the data package does not meet the requirements for "Reasonable Confidence".
This form may not be altered and all questions must be answered.

I, the undersigned, attest under the pains and penalties of perjury that, to the best of my knowledge and belief and based upon my personal inquiry of those responsible for providing the information contained in this analytical report, such information is accurate and complete.

Authorized Signature: 

Position: Laboratory Manager

Printed Name: Cassie L. Mosher

Date: 09/28/2023

York Narrative- CTDEEP RCP Introduction

This Work Order Narrative includes the following items for full review of any quality issues encountered with samples and their analyses for the parameters requested:

1. Sample Receipt Information, including a Sample Summary which cross references your sample ID with York Analytical sample ID, identifying the matrix and Date/Time collected and received at York.
2. Analysis Methodologies employed for the work order
3. Any Sample Issues encountered such as Holding time exceedances, improper containers/preservation, or any related issue with sample integrity
4. Specific Analysis Findings in order: Volatiles, Semi-Volatiles, Pesticides/PCBs, Herbicides, other GC parameters, Metals, Mercury, Wet Chemistry.
5. Analysis Findings Include:

    - BIAS Summary Report-Multiple Lines of Evidence
    - Analyte qualifier summary
    - Samples and associated Calibration Curve(s)
    - Calibration Outliers Discussion/Tabular presentation and affected samples
    - Initial Calibration Verification (ICV) information
    - Batch QC Sample Performance (Blanks, Blank Spikes (BS), MS/MSD)
    - Internal Standard Performance
    - Surrogate Performance
    - Example Calculations

Work Order Narrative

York Analytical Work Order No.: 23I1004

Client : Turner Environmental, LLC

Client Project ID : TE 23-007 Region 18

Prepared for : David Turner

1.0) Introduction

This work order Narrative applies to the following samples submitted to our laboratory on: 09/15/2023 1:45 PM

21 sample(s) were received intact in a custody-sealed cooler(s) unless otherwise noted. Upon receipt, cooler temperature(s) was determined using a NIST traceable digital infrared thermometer. The cooler temperature was acceptable (<= 6 °C)
and documented as: **{1.4}°C**

Sample Summary

SampleName	Lab Number	Matrix	Date Collected	Date Received
MW-1	23I1004-01	Water	09/12/2023 2:35 PM	09/15/2023 1:45 PM
MW-2	23I1004-02	Water	09/12/2023 4:35 PM	09/15/2023 1:45 PM
MW-3	23I1004-03	Water	09/12/2023 3:30 PM	09/15/2023 1:45 PM
MW-4	23I1004-04	Water	09/12/2023 5:25 PM	09/15/2023 1:45 PM
MW-5	23I1004-05	Water	09/13/2023 11:05 AM	09/15/2023 1:45 PM
MW-6	23I1004-06	Water	09/13/2023 11:50 AM	09/15/2023 1:45 PM
MW-7R	23I1004-07	Water	09/13/2023 2:50 PM	09/15/2023 1:45 PM
MW-7D	23I1004-08	Water	09/13/2023 1:35 PM	09/15/2023 1:45 PM
MW-7	23I1004-09	Water	09/13/2023 3:55 PM	09/15/2023 1:45 PM
MW-8	23I1004-10	Water	09/13/2023 4:35 PM	09/15/2023 1:45 PM
MW-9	23I1004-11	Water	09/14/2023 10:05 AM	09/15/2023 1:45 PM
MW-15	23I1004-12	Water	09/14/2023 10:55 AM	09/15/2023 1:45 PM
MW-16	23I1004-13	Water	09/14/2023 11:55 AM	09/15/2023 1:45 PM
MW-10R	23I1004-14	Water	09/14/2023 12:35 PM	09/15/2023 1:45 PM
MW-10	23I1004-15	Water	09/14/2023 2:35 PM	09/15/2023 1:45 PM
MW-17	23I1004-16	Water	09/14/2023 3:35 PM	09/15/2023 1:45 PM
MW-11	23I1004-17	Water	09/15/2023 9:25 AM	09/15/2023 1:45 PM
MW-12	23I1004-18	Water	09/15/2023 10:15 AM	09/15/2023 1:45 PM
MW-13	23I1004-19	Water	09/15/2023 10:50 AM	09/15/2023 1:45 PM
MW-18	23I1004-20	Water	09/15/2023 11:45 AM	09/15/2023 1:45 PM
Trip Blank	23I1004-21	Water	09/15/2023 12:00 AM	09/15/2023 1:45 PM

WorkOrder Comments

The vials for sample MW-9 were incorrectly labeled MW-5.
The collection time on the vials matched the time on the COC for MW-9.

York Analytical Work Order Narrative

2.0 Methodology

Analysis Class	*Preparation Method*	*Analysis Methodology*
VOA	EPA 5030B	EPA 8260C
SVOA	EPA 3510C	EPA 8270D
SVOA	EPA 3545A	EPA 8270D
SVOA	EPA 3510C	EPA 8270D SIM
GC	EPA 3545A	CT DEP ETPH
GC	EPA SW846-3510C Low Level	CT DEP ETPH

Analyte List

Method	Analyte
CT DEP ETPH	ETPH (Extractable Total Petroleum Hydrocarbons)
EPA 8260C	1,1,1,2-Tetrachloroethane ; 1,1,1-Trichloroethane ; 1,1,2,2-Tetrachloroethane ; 1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113) ; 1,1,2-Trichloroethane ; 1,1-Dichloroethane ; 1,1-Dichloroethylene ; 1,1-Dichloropropylene ; 1,2,3-Trichlorobenzene ; 1,2,3-Trichloropropane ; 1,2,4-Trichlorobenzene ; 1,2,4-Trimethylbenzene ; 1,2-Dibromo-3-chloropropane ; 1,2-Dibromoethane ; 1,2-Dichlorobenzene ; 1,2-Dichloroethane ; 1,2-Dichloropropane ; 1,3,5-Trimethylbenzene ; 1,3-Dichlorobenzene ; 1,3-Dichloropropane ; 1,4-Dichlorobenzene ; 2,2-Dichloropropane ; 2-Butanone ; 2-Chlorotoluene ; 2-Hexanone ; 4-Chlorotoluene ; 4-Methyl-2-pentanone ; Acetone ; Acrylonitrile ; Benzene ; Bromobenzene ; Bromochloromethane ; Bromodichloromethane ; Bromoform ; Bromomethane ; Carbon disulfide ; Carbon tetrachloride ; Chlorobenzene ; Chloroethane ; Chloroform ; Chloromethane ; cis-1,2-Dichloroethylene ; cis-1,3-Dichloropropylene ; Dibromochloromethane ; Dibromomethane ; Dichlorodifluoromethane ; Ethyl Benzene ; Hexachlorobutadiene ; Isopropylbenzene ; Methyl Methacrylate ; Methyl tert-butyl ether (MTBE) ; Methylene chloride ; Naphthalene ; n-Butylbenzene ; n-Propylbenzene ; o-Xylene ; p- & m-Xylenes ; p-Isopropyltoluene ; sec-Butylbenzene ; Styrene ; tert-Butylbenzene ; Tetrachloroethylene ; Tetrahydrofuran ; Toluene ; trans-1,2-Dichloroethylene ; trans-1,3-Dichloropropylene ; trans-1,4-dichloro-2-butene ; Trichloroethylene ; Trichlorofluoromethane ; Vinyl Chloride
EPA 8270D	1,2,4,5-Tetrachlorobenzene ; 1,2,4-Trichlorobenzene ; 2,4,5-Trichlorophenol ; 2,4,6-Trichlorophenol ; 2,4-Dichlorophenol ; 2,4-Dimethylphenol ; 2,4-Dinitrophenol ; 2,4-Dinitrotoluene ; 2,6-Dinitrotoluene ; 2-Chloronaphthalene ; 2-Chlorophenol ; 2-Methylnaphthalene ; 2-Methylphenol ; 2-Nitroaniline ; 2-Nitrophenol ; 3- & 4-Methylphenols ; 3,3-Dichlorobenzidine ; 3-Nitroaniline ; 4,6-Dinitro-2-methylphenol ; 4-Bromophenyl phenyl ether ; 4-Chloro-3-methylphenol ; 4-Chloroaniline ; 4-Chlorophenyl phenyl ether ; 4-Nitroaniline ; 4-Nitrophenol ; Acenaphthene ; Acenaphthylene ; Aniline ; Anthracene ; Benzo(a)anthracene ; Benzo(a)pyrene ; Benzo(b)fluoranthene ; Benzo(g,h,i)perylene ; Benzo(k)fluoranthene ; Benzyl butyl phthalate ; Bis(2-chloroethoxy)methane ; Bis(2-chloroethyl)ether ; Bis(2-chloroisopropyl)ether ; Carbazole ; Chrysene ; Dibenzo(a,h)anthracene ; Dibenzofuran ; Diethyl phthalate ; Dimethyl phthalate ; Di-n-butyl phthalate ; Di-n-octyl phthalate ; Fluoranthene ; Fluorene ; Hexachlorocyclopentadiene ; Indeno(1,2,3-cd)pyrene ; Isophorone ; Naphthalene ; N-nitroso-di-n-propylamine ; N-Nitrosodiphenylamine ; Pentachloronitrobenzene ; Phenanthrene ; Phenol ; Pyrene ; Pyridine
EPA 8270D SIM	Acenaphthene ; Acenaphthylene ; Anthracene ; Benzo(a)anthracene ; Benzo(a)pyrene ; Benzo(b)fluoranthene ; Benzo(g,h,i)perylene ; Benzo(k)fluoranthene ; Chrysene ; Dibenzo(a,h)anthracene ; Fluoranthene ; Fluorene ; Indeno(1,2,3-cd)pyrene ; Naphthalene ; Phenanthrene ; Pyrene

3.0 Sample Issues

No issues were encountered with the samples submitted other than those detailed below.

CT DEEP Reasonable Confidence Protocol

Sample Analyte Bias Based on QC Performance

	LabNumber	SampleID	Analyte	ICVSCV	CCV	BS/LCS	MS	MSD	MSDRPD
VOA	23I1004-03	MW-3	2-Butanone	Low					
VOA	23I1004-03	MW-3	2-Butanone	Low					
VOA	23I1004-10	MW-8	Acetone	high		high			
VOA	23I1004-10	MW-8	Acetone	high		high			

Qualifier Summary Report:

SampleID	Method	LabNumber	Matrix	Analyte	Qualifier
MW-1	EPA 8260C	23I1004-01	Water	2-Butanone	ICVE
MW-1	EPA 8260C	23I1004-01	Water	Bromomethane	CCVE
MW-1	EPA 8260C	23I1004-01	Water	Bromomethane	QL-02
MW-1	EPA 8260C	23I1004-01	Water	Tetrachloroethylene	CCVE
MW-1	EPA 8260C	23I1004-01	Water	Tetrachloroethylene	ICVE
MW-1	EPA 8260C	23I1004-01	Water	Tetrachloroethylene	QL-02
MW-2	EPA 8260C	23I1004-02	Water	2-Butanone	ICVE
MW-2	EPA 8260C	23I1004-02	Water	Bromomethane	CCVE
MW-2	EPA 8260C	23I1004-02	Water	Bromomethane	QL-02
MW-2	EPA 8260C	23I1004-02	Water	Tetrachloroethylene	CCVE
MW-2	EPA 8260C	23I1004-02	Water	Tetrachloroethylene	ICVE
MW-2	EPA 8260C	23I1004-02	Water	Tetrachloroethylene	QL-02
MW-3	EPA 8260C	23I1004-03	Water	2-Butanone	ICVE
MW-3	EPA 8260C	23I1004-03	Water	Bromomethane	QL-02
MW-3	EPA 8260C	23I1004-03	Water	Bromomethane	CCVE
MW-3	EPA 8260C	23I1004-03	Water	Tetrachloroethylene	CCVE
MW-3	EPA 8260C	23I1004-03	Water	Tetrachloroethylene	QL-02
MW-3	EPA 8260C	23I1004-03	Water	Tetrachloroethylene	ICVE
MW-4	EPA 8260C	23I1004-04	Water	2-Butanone	ICVE
MW-4	EPA 8260C	23I1004-04	Water	Bromomethane	QL-02
MW-4	EPA 8260C	23I1004-04	Water	Bromomethane	CCVE
MW-4	EPA 8260C	23I1004-04	Water	Tetrachloroethylene	QL-02
MW-4	EPA 8260C	23I1004-04	Water	Tetrachloroethylene	ICVE
MW-4	EPA 8260C	23I1004-04	Water	Tetrachloroethylene	CCVE
MW-5	EPA 8260C	23I1004-05	Water	2-Butanone	ICVE
MW-5	EPA 8260C	23I1004-05	Water	Bromomethane	CCVE
MW-5	EPA 8260C	23I1004-05	Water	Bromomethane	QL-02
MW-5	EPA 8260C	23I1004-05	Water	Tetrachloroethylene	QL-02
MW-5	EPA 8260C	23I1004-05	Water	Tetrachloroethylene	ICVE
MW-5	EPA 8260C	23I1004-05	Water	Tetrachloroethylene	CCVE
MW-6	EPA 8260C	23I1004-06	Water	2-Butanone	ICVE
MW-6	EPA 8260C	23I1004-06	Water	Bromomethane	QL-02
MW-6	EPA 8260C	23I1004-06	Water	Bromomethane	CCVE
MW-6	EPA 8260C	23I1004-06	Water	Tetrachloroethylene	CCVE
MW-6	EPA 8260C	23I1004-06	Water	Tetrachloroethylene	ICVE
MW-6	EPA 8260C	23I1004-06	Water	Tetrachloroethylene	QL-02
MW-7R	EPA 8260C	23I1004-07	Water	Bromomethane	QL-02
MW-7R	EPA 8260C	23I1004-07	Water	Bromomethane	CCVE
MW-7R	EPA 8260C	23I1004-07	Water	Tetrachloroethylene	CCVE
MW-7R	EPA 8260C	23I1004-07	Water	Tetrachloroethylene	ICVE
MW-7R	EPA 8260C	23I1004-07	Water	Tetrachloroethylene	QL-02
	EPA 8260C	23I1004-07RE1	Water	2-Butanone	ICVE
	EPA 8260C	23I1004-07RE1	Water	Acetone	ICVE
	EPA 8260C	23I1004-07RE1	Water	Acetone	QL-02

Qualifier Summary Report:

SampleID	Method	LabNumber	Matrix	Analyte	Qualifier
MW-7D	EPA 8260C	23I1004-08	Water	Bromomethane	QL-02
MW-7D	EPA 8260C	23I1004-08	Water	Bromomethane	CCVE
MW-7D	EPA 8260C	23I1004-08	Water	Tetrachloroethylene	QL-02
MW-7D	EPA 8260C	23I1004-08	Water	Tetrachloroethylene	ICVE
MW-7D	EPA 8260C	23I1004-08	Water	Tetrachloroethylene	CCVE
	EPA 8260C	23I1004-08RE1	Water	2-Butanone	ICVE
	EPA 8260C	23I1004-08RE1	Water	Acetone	QL-02
	EPA 8260C	23I1004-08RE1	Water	Acetone	ICVE
MW-7	EPA 8260C	23I1004-09	Water	Bromomethane	QL-02
MW-7	EPA 8260C	23I1004-09	Water	Bromomethane	CCVE
MW-7	EPA 8260C	23I1004-09	Water	Tetrachloroethylene	ICVE
MW-7	EPA 8260C	23I1004-09	Water	Tetrachloroethylene	QL-02
MW-7	EPA 8260C	23I1004-09	Water	Tetrachloroethylene	CCVE
	EPA 8260C	23I1004-09RE1	Water	2-Butanone	ICVE
	EPA 8260C	23I1004-09RE2	Water	Acetone	ICVE
	EPA 8260C	23I1004-09RE2	Water	Acetone	QL-02
MW-8	EPA 8260C	23I1004-10	Water	2-Butanone	ICVE
MW-8	EPA 8260C	23I1004-10	Water	Acetone	QL-02
MW-8	EPA 8260C	23I1004-10	Water	Acetone	ICVE
MW-8	EPA 8260C	23I1004-10	Water	Bromomethane	CCVE
MW-8	EPA 8260C	23I1004-10	Water	Bromomethane	QL-02
MW-8	EPA 8260C	23I1004-10	Water	Tetrachloroethylene	QL-02
MW-8	EPA 8260C	23I1004-10	Water	Tetrachloroethylene	CCVE
MW-8	EPA 8260C	23I1004-10	Water	Tetrachloroethylene	ICVE
MW-9	EPA 8260C	23I1004-11	Water	2-Butanone	ICVE
MW-9	EPA 8260C	23I1004-11	Water	Bromomethane	QL-02
MW-9	EPA 8260C	23I1004-11	Water	Bromomethane	CCVE
MW-9	EPA 8260C	23I1004-11	Water	Tetrachloroethylene	CCVE
MW-9	EPA 8260C	23I1004-11	Water	Tetrachloroethylene	ICVE
MW-9	EPA 8260C	23I1004-11	Water	Tetrachloroethylene	QL-02
MW-15	EPA 8260C	23I1004-12	Water	2-Butanone	ICVE
MW-15	EPA 8260C	23I1004-12	Water	Bromomethane	QL-02
MW-15	EPA 8260C	23I1004-12	Water	Bromomethane	CCVE
MW-15	EPA 8260C	23I1004-12	Water	Tetrachloroethylene	ICVE
MW-15	EPA 8260C	23I1004-12	Water	Tetrachloroethylene	QL-02
MW-15	EPA 8260C	23I1004-12	Water	Tetrachloroethylene	CCVE
MW-16	EPA 8260C	23I1004-13	Water	2-Butanone	ICVE
MW-16	EPA 8260C	23I1004-13	Water	Bromomethane	QL-02
MW-16	EPA 8260C	23I1004-13	Water	Bromomethane	CCVE
MW-16	EPA 8260C	23I1004-13	Water	Tetrachloroethylene	CCVE
MW-16	EPA 8260C	23I1004-13	Water	Tetrachloroethylene	QL-02
MW-16	EPA 8260C	23I1004-13	Water	Tetrachloroethylene	ICVE
MW-10R	EPA 8260C	23I1004-14	Water	Bromomethane	CCVE
MW-10R	EPA 8260C	23I1004-14	Water	Bromomethane	QL-02
MW-10R	EPA 8260C	23I1004-14	Water	Tetrachloroethylene	CCVE

Qualifier Summary Report:

SampleID	Method	LabNumber	Matrix	Analyte	Qualifier
MW-10R	EPA 8260C	23I1004-14	Water	Tetrachloroethylene	ICVE
MW-10R	EPA 8260C	23I1004-14	Water	Tetrachloroethylene	QL-02
	EPA 8260C	23I1004-14RE1	Water	2-Butanone	ICVE
	EPA 8260C	23I1004-14RE1	Water	Acetone	ICVE
	EPA 8260C	23I1004-14RE1	Water	Acetone	QL-02
MW-10	EPA 8260C	23I1004-15	Water	Bromomethane	QL-02
MW-10	EPA 8260C	23I1004-15	Water	Bromomethane	CCVE
MW-10	EPA 8260C	23I1004-15	Water	Tetrachloroethylene	CCVE
MW-10	EPA 8260C	23I1004-15	Water	Tetrachloroethylene	ICVE
MW-10	EPA 8260C	23I1004-15	Water	Tetrachloroethylene	QL-02
	EPA 8260C	23I1004-15RE1	Water	2-Butanone	ICVE
	EPA 8260C	23I1004-15RE1	Water	Acetone	QL-02
	EPA 8260C	23I1004-15RE1	Water	Acetone	ICVE
MW-17	EPA 8260C	23I1004-16	Water	2-Butanone	ICVE
MW-17	EPA 8260C	23I1004-16	Water	Bromomethane	CCVE
MW-17	EPA 8260C	23I1004-16	Water	Bromomethane	QL-02
MW-17	EPA 8260C	23I1004-16	Water	Tetrachloroethylene	ICVE
MW-17	EPA 8260C	23I1004-16	Water	Tetrachloroethylene	QL-02
MW-17	EPA 8260C	23I1004-16	Water	Tetrachloroethylene	CCVE
MW-11	EPA 8260C	23I1004-17	Water	2-Hexanone	ICVE
MW-11	EPA 8260C	23I1004-17	Water	4-Methyl-2-pentanone	ICVE
MW-11	EPA 8260C	23I1004-17	Water	4-Methyl-2-pentanone	QL-02
MW-11	EPA 8260C	23I1004-17	Water	4-Methyl-2-pentanone	CAL-E
MW-11	EPA 8260C	23I1004-17	Water	Acetone	CAL-E
MW-11	EPA 8260C	23I1004-17	Water	Acrylonitrile	CAL-E
MW-11	EPA 8260C	23I1004-17	Water	Bromoform	CAL-E
MW-11	EPA 8260C	23I1004-17	Water	Bromomethane	CCVE
MW-11	EPA 8260C	23I1004-17	Water	Methylene chloride	CAL-E
MW-11	EPA 8260C	23I1004-17	Water	Tetrachloroethylene	CCVE
MW-11	EPA 8260C	23I1004-17	Water	Tetrachloroethylene	QL-02
MW-11	EPA 8260C	23I1004-17	Water	Tetrachloroethylene	ICVE
MW-12	EPA 8260C	23I1004-18	Water	2-Hexanone	ICVE
MW-12	EPA 8260C	23I1004-18	Water	4-Methyl-2-pentanone	QL-02
MW-12	EPA 8260C	23I1004-18	Water	4-Methyl-2-pentanone	ICVE
MW-12	EPA 8260C	23I1004-18	Water	4-Methyl-2-pentanone	CAL-E
MW-12	EPA 8260C	23I1004-18	Water	Acetone	CAL-E
MW-12	EPA 8260C	23I1004-18	Water	Acrylonitrile	CAL-E
MW-12	EPA 8260C	23I1004-18	Water	Bromoform	CAL-E
MW-12	EPA 8260C	23I1004-18	Water	Bromomethane	CCVE
MW-12	EPA 8260C	23I1004-18	Water	Methylene chloride	CAL-E
MW-12	EPA 8260C	23I1004-18	Water	Tetrachloroethylene	ICVE
MW-12	EPA 8260C	23I1004-18	Water	Tetrachloroethylene	CCVE
MW-12	EPA 8260C	23I1004-18	Water	Tetrachloroethylene	QL-02
MW-13	EPA 8260C	23I1004-19	Water	2-Hexanone	ICVE
MW-13	EPA 8260C	23I1004-19	Water	4-Methyl-2-pentanone	QL-02

Qualifier Summary Report:

SampleID	Method	LabNumber	Matrix	Analyte	Qualifier
MW-13	EPA 8260C	23I1004-19	Water	4-Methyl-2-pentanone	CAL-E
MW-13	EPA 8260C	23I1004-19	Water	4-Methyl-2-pentanone	ICVE
MW-13	EPA 8260C	23I1004-19	Water	Acetone	CAL-E
MW-13	EPA 8260C	23I1004-19	Water	Acrylonitrile	CAL-E
MW-13	EPA 8260C	23I1004-19	Water	Bromoform	CAL-E
MW-13	EPA 8260C	23I1004-19	Water	Bromomethane	CCVE
MW-13	EPA 8260C	23I1004-19	Water	Methylene chloride	CAL-E
MW-13	EPA 8260C	23I1004-19	Water	Tetrachloroethylene	QL-02
MW-13	EPA 8260C	23I1004-19	Water	Tetrachloroethylene	CCVE
MW-13	EPA 8260C	23I1004-19	Water	Tetrachloroethylene	ICVE
MW-18	EPA 8260C	23I1004-20	Water	2-Hexanone	ICVE
MW-18	EPA 8260C	23I1004-20	Water	4-Methyl-2-pentanone	CAL-E
MW-18	EPA 8260C	23I1004-20	Water	4-Methyl-2-pentanone	ICVE
MW-18	EPA 8260C	23I1004-20	Water	4-Methyl-2-pentanone	QL-02
MW-18	EPA 8260C	23I1004-20	Water	Acetone	CAL-E
MW-18	EPA 8260C	23I1004-20	Water	Acrylonitrile	CAL-E
MW-18	EPA 8260C	23I1004-20	Water	Bromoform	CAL-E
MW-18	EPA 8260C	23I1004-20	Water	Bromomethane	CCVE
MW-18	EPA 8260C	23I1004-20	Water	Methylene chloride	CAL-E
MW-18	EPA 8260C	23I1004-20	Water	Tetrachloroethylene	QL-02
MW-18	EPA 8260C	23I1004-20	Water	Tetrachloroethylene	ICVE
MW-18	EPA 8260C	23I1004-20	Water	Tetrachloroethylene	CCVE
Trip Blank	EPA 8260C	23I1004-21	Water	2-Hexanone	ICVE
Trip Blank	EPA 8260C	23I1004-21	Water	4-Methyl-2-pentanone	CAL-E
Trip Blank	EPA 8260C	23I1004-21	Water	4-Methyl-2-pentanone	ICVE
Trip Blank	EPA 8260C	23I1004-21	Water	4-Methyl-2-pentanone	QL-02
Trip Blank	EPA 8260C	23I1004-21	Water	Acetone	CAL-E
Trip Blank	EPA 8260C	23I1004-21	Water	Acrylonitrile	CAL-E
Trip Blank	EPA 8260C	23I1004-21	Water	Bromoform	CAL-E
Trip Blank	EPA 8260C	23I1004-21	Water	Bromomethane	CCVE
Trip Blank	EPA 8260C	23I1004-21	Water	Methylene chloride	CAL-E
Trip Blank	EPA 8260C	23I1004-21	Water	Tetrachloroethylene	CCVE
Trip Blank	EPA 8260C	23I1004-21	Water	Tetrachloroethylene	ICVE
Trip Blank	EPA 8260C	23I1004-21	Water	Tetrachloroethylene	QL-02
	EPA 8260C	S3I0131-SCV1	Water	2-Hexanone	ICVE
	EPA 8260C	S3I0131-SCV1	Water	4-Methyl-2-pentanone	ICVE
	EPA 8260C	S3I0131-SCV1	Water	Acetone	ICVE20
	EPA 8260C	S3I0131-SCV1	Water	Acetone	ICVE
	EPA 8260C	S3I0131-SCV1	Water	Tetrachloroethylene	ICVE20
	EPA 8260C	S3I0131-SCV1	Water	Tetrachloroethylene	ICVE
	EPA 8260C	S3I1424-SCV1	Water	2-Butanone	ICVE20
	EPA 8260C	S3I1424-SCV1	Water	Acetone	ICVE20
	EPA 8260C	S3I1424-SCV1	Water	Acetone	ICVE
	EPA 8260C	S3I1424-SCV1	Water	Tetrachloroethylene	ICVE20
	EPA 8260C	S3I1424-SCV1	Water	Tetrachloroethylene	ICVE

Qualifier Summary Report:

SampleID	Method	LabNumber	Matrix	Analyte	Qualifier
MW-6	EPA 8270D	23I1004-06	Water		EXT-EM
MW-7R	EPA 8270D	23I1004-07	Water		EXT-EM
MW-7D	EPA 8270D	23I1004-08	Water		EXT-EM
MW-7D	EPA 8270D	23I1004-08	Water	SURR: Terphenyl-d14	S-08
MW-7	EPA 8270D	23I1004-09	Water	SURR: Nitrobenzene-d5	S-08
MW-15	EPA 8270D	23I1004-12	Water	SURR: Terphenyl-d14	S-08
MW-10R	EPA 8270D	23I1004-14	Water	SURR: Nitrobenzene-d5	S-08
MW-10R	EPA 8270D	23I1004-14	Water	SURR: Terphenyl-d14	S-08
MW-17	EPA 8270D	23I1004-16	Water		EXT-EM
MW-1	EPA 8270D SIM	23I1004-01	Water	Acenaphthene	ICVE
MW-1	EPA 8270D SIM	23I1004-01	Water	Acenaphthylene	ICVE
MW-1	EPA 8270D SIM	23I1004-01	Water	Anthracene	ICVE
MW-1	EPA 8270D SIM	23I1004-01	Water	Benzo(a)anthracene	ICVE
MW-1	EPA 8270D SIM	23I1004-01	Water	Benzo(a)pyrene	ICVE
MW-1	EPA 8270D SIM	23I1004-01	Water	Benzo(b)fluoranthene	ICVE
MW-1	EPA 8270D SIM	23I1004-01	Water	Benzo(g,h,i)perylene	ICVE
MW-1	EPA 8270D SIM	23I1004-01	Water	Benzo(k)fluoranthene	ICVE
MW-1	EPA 8270D SIM	23I1004-01	Water	Chrysene	ICVE
MW-1	EPA 8270D SIM	23I1004-01	Water	Dibenzo(a,h)anthracene	ICVE
MW-1	EPA 8270D SIM	23I1004-01	Water	Fluoranthene	ICVE
MW-1	EPA 8270D SIM	23I1004-01	Water	Fluorene	ICVE
MW-1	EPA 8270D SIM	23I1004-01	Water	Indeno(1,2,3-cd)pyrene	ICVE
MW-1	EPA 8270D SIM	23I1004-01	Water	Naphthalene	ICVE
MW-1	EPA 8270D SIM	23I1004-01	Water	Phenanthrene	ICVE
MW-1	EPA 8270D SIM	23I1004-01	Water	Pyrene	ICVE
MW-2	EPA 8270D SIM	23I1004-02	Water	Acenaphthene	ICVE
MW-2	EPA 8270D SIM	23I1004-02	Water	Acenaphthylene	ICVE
MW-2	EPA 8270D SIM	23I1004-02	Water	Anthracene	ICVE
MW-2	EPA 8270D SIM	23I1004-02	Water	Benzo(a)anthracene	ICVE
MW-2	EPA 8270D SIM	23I1004-02	Water	Benzo(a)pyrene	ICVE
MW-2	EPA 8270D SIM	23I1004-02	Water	Benzo(b)fluoranthene	ICVE
MW-2	EPA 8270D SIM	23I1004-02	Water	Benzo(g,h,i)perylene	ICVE
MW-2	EPA 8270D SIM	23I1004-02	Water	Benzo(k)fluoranthene	ICVE
MW-2	EPA 8270D SIM	23I1004-02	Water	Chrysene	ICVE
MW-2	EPA 8270D SIM	23I1004-02	Water	Dibenzo(a,h)anthracene	ICVE
MW-2	EPA 8270D SIM	23I1004-02	Water	Fluoranthene	ICVE
MW-2	EPA 8270D SIM	23I1004-02	Water	Fluorene	ICVE
MW-2	EPA 8270D SIM	23I1004-02	Water	Indeno(1,2,3-cd)pyrene	ICVE
MW-2	EPA 8270D SIM	23I1004-02	Water	Naphthalene	ICVE
MW-2	EPA 8270D SIM	23I1004-02	Water	Phenanthrene	ICVE
MW-2	EPA 8270D SIM	23I1004-02	Water	Pyrene	ICVE
MW-3	EPA 8270D SIM	23I1004-03	Water	Acenaphthene	ICVE
MW-3	EPA 8270D SIM	23I1004-03	Water	Acenaphthylene	ICVE
MW-3	EPA 8270D SIM	23I1004-03	Water	Anthracene	ICVE
MW-3	EPA 8270D SIM	23I1004-03	Water	Benzo(a)anthracene	ICVE

Qualifier Summary Report:

SampleID	Method	LabNumber	Matrix	Analyte	Qualifier
MW-3	EPA 8270D SIM	23I1004-03	Water	Benzo(a)pyrene	ICVE
MW-3	EPA 8270D SIM	23I1004-03	Water	Benzo(b)fluoranthene	ICVE
MW-3	EPA 8270D SIM	23I1004-03	Water	Benzo(g,h,i)perylene	ICVE
MW-3	EPA 8270D SIM	23I1004-03	Water	Benzo(k)fluoranthene	ICVE
MW-3	EPA 8270D SIM	23I1004-03	Water	Chrysene	ICVE
MW-3	EPA 8270D SIM	23I1004-03	Water	Dibenzo(a,h)anthracene	ICVE
MW-3	EPA 8270D SIM	23I1004-03	Water	Fluoranthene	ICVE
MW-3	EPA 8270D SIM	23I1004-03	Water	Fluorene	ICVE
MW-3	EPA 8270D SIM	23I1004-03	Water	Indeno(1,2,3-cd)pyrene	ICVE
MW-3	EPA 8270D SIM	23I1004-03	Water	Naphthalene	ICVE
MW-3	EPA 8270D SIM	23I1004-03	Water	Phenanthrene	ICVE
MW-3	EPA 8270D SIM	23I1004-03	Water	Pyrene	ICVE
MW-6	EPA 8270D SIM	23I1004-06	Water		EXT-EM
MW-7R	EPA 8270D SIM	23I1004-07	Water		EXT-EM
MW-7R	EPA 8270D SIM	23I1004-07	Water	Fluorene	B
MW-7D	EPA 8270D SIM	23I1004-08	Water		EXT-EM
MW-7	EPA 8270D SIM	23I1004-09	Water	Fluorene	B
MW-8	EPA 8270D SIM	23I1004-10	Water		EXT-EM
MW-9	EPA 8270D SIM	23I1004-11	Water	Acenaphthene	ICVE
MW-9	EPA 8270D SIM	23I1004-11	Water	Acenaphthylene	ICVE
MW-9	EPA 8270D SIM	23I1004-11	Water	Anthracene	ICVE
MW-9	EPA 8270D SIM	23I1004-11	Water	Benzo(a)anthracene	ICVE
MW-9	EPA 8270D SIM	23I1004-11	Water	Benzo(a)pyrene	ICVE
MW-9	EPA 8270D SIM	23I1004-11	Water	Benzo(b)fluoranthene	ICVE
MW-9	EPA 8270D SIM	23I1004-11	Water	Benzo(g,h,i)perylene	ICVE
MW-9	EPA 8270D SIM	23I1004-11	Water	Benzo(k)fluoranthene	ICVE
MW-9	EPA 8270D SIM	23I1004-11	Water	Chrysene	ICVE
MW-9	EPA 8270D SIM	23I1004-11	Water	Dibenzo(a,h)anthracene	ICVE
MW-9	EPA 8270D SIM	23I1004-11	Water	Fluoranthene	ICVE
MW-9	EPA 8270D SIM	23I1004-11	Water	Fluorene	ICVE
MW-9	EPA 8270D SIM	23I1004-11	Water	Indeno(1,2,3-cd)pyrene	ICVE
MW-9	EPA 8270D SIM	23I1004-11	Water	Naphthalene	ICVE
MW-9	EPA 8270D SIM	23I1004-11	Water	Phenanthrene	ICVE
MW-9	EPA 8270D SIM	23I1004-11	Water	Pyrene	ICVE
MW-15	EPA 8270D SIM	23I1004-12	Water	Acenaphthene	ICVE
MW-15	EPA 8270D SIM	23I1004-12	Water	Acenaphthylene	ICVE
MW-15	EPA 8270D SIM	23I1004-12	Water	Anthracene	ICVE
MW-15	EPA 8270D SIM	23I1004-12	Water	Benzo(a)anthracene	ICVE
MW-15	EPA 8270D SIM	23I1004-12	Water	Benzo(a)pyrene	ICVE
MW-15	EPA 8270D SIM	23I1004-12	Water	Benzo(b)fluoranthene	ICVE
MW-15	EPA 8270D SIM	23I1004-12	Water	Benzo(g,h,i)perylene	ICVE
MW-15	EPA 8270D SIM	23I1004-12	Water	Benzo(k)fluoranthene	ICVE
MW-15	EPA 8270D SIM	23I1004-12	Water	Chrysene	ICVE
MW-15	EPA 8270D SIM	23I1004-12	Water	Dibenzo(a,h)anthracene	ICVE
MW-15	EPA 8270D SIM	23I1004-12	Water	Fluoranthene	ICVE

Qualifier Summary Report:

SampleID	Method	LabNumber	Matrix	Analyte	Qualifier
MW-15	EPA 8270D SIM	23I1004-12	Water	Fluorene	ICVE
MW-15	EPA 8270D SIM	23I1004-12	Water	Indeno(1,2,3-cd)pyrene	ICVE
MW-15	EPA 8270D SIM	23I1004-12	Water	Naphthalene	ICVE
MW-15	EPA 8270D SIM	23I1004-12	Water	Phenanthrene	ICVE
MW-15	EPA 8270D SIM	23I1004-12	Water	Pyrene	ICVE
MW-16	EPA 8270D SIM	23I1004-13	Water	Acenaphthene	ICVE
MW-16	EPA 8270D SIM	23I1004-13	Water	Acenaphthylene	ICVE
MW-16	EPA 8270D SIM	23I1004-13	Water	Anthracene	ICVE
MW-16	EPA 8270D SIM	23I1004-13	Water	Benzo(a)anthracene	ICVE
MW-16	EPA 8270D SIM	23I1004-13	Water	Benzo(a)pyrene	ICVE
MW-16	EPA 8270D SIM	23I1004-13	Water	Benzo(b)fluoranthene	ICVE
MW-16	EPA 8270D SIM	23I1004-13	Water	Benzo(g,h,i)perylene	ICVE
MW-16	EPA 8270D SIM	23I1004-13	Water	Benzo(k)fluoranthene	ICVE
MW-16	EPA 8270D SIM	23I1004-13	Water	Chrysene	ICVE
MW-16	EPA 8270D SIM	23I1004-13	Water	Dibenzo(a,h)anthracene	ICVE
MW-16	EPA 8270D SIM	23I1004-13	Water	Fluoranthene	ICVE
MW-16	EPA 8270D SIM	23I1004-13	Water	Fluorene	ICVE
MW-16	EPA 8270D SIM	23I1004-13	Water	Indeno(1,2,3-cd)pyrene	ICVE
MW-16	EPA 8270D SIM	23I1004-13	Water	Naphthalene	ICVE
MW-16	EPA 8270D SIM	23I1004-13	Water	Phenanthrene	ICVE
MW-16	EPA 8270D SIM	23I1004-13	Water	Pyrene	ICVE
MW-10	EPA 8270D SIM	23I1004-15	Water	Acenaphthene	ICVE
MW-10	EPA 8270D SIM	23I1004-15	Water	Acenaphthylene	ICVE
MW-10	EPA 8270D SIM	23I1004-15	Water	Anthracene	ICVE
MW-10	EPA 8270D SIM	23I1004-15	Water	Benzo(a)anthracene	ICVE
MW-10	EPA 8270D SIM	23I1004-15	Water	Benzo(a)pyrene	ICVE
MW-10	EPA 8270D SIM	23I1004-15	Water	Benzo(b)fluoranthene	ICVE
MW-10	EPA 8270D SIM	23I1004-15	Water	Benzo(g,h,i)perylene	ICVE
MW-10	EPA 8270D SIM	23I1004-15	Water	Benzo(k)fluoranthene	ICVE
MW-10	EPA 8270D SIM	23I1004-15	Water	Chrysene	ICVE
MW-10	EPA 8270D SIM	23I1004-15	Water	Dibenzo(a,h)anthracene	ICVE
MW-10	EPA 8270D SIM	23I1004-15	Water	Fluoranthene	ICVE
MW-10	EPA 8270D SIM	23I1004-15	Water	Fluorene	ICVE
MW-10	EPA 8270D SIM	23I1004-15	Water	Indeno(1,2,3-cd)pyrene	ICVE
MW-10	EPA 8270D SIM	23I1004-15	Water	Naphthalene	ICVE
MW-10	EPA 8270D SIM	23I1004-15	Water	Phenanthrene	ICVE
MW-10	EPA 8270D SIM	23I1004-15	Water	Pyrene	ICVE
MW-17	EPA 8270D SIM	23I1004-16	Water	Acenaphthene	ICVE
MW-17	EPA 8270D SIM	23I1004-16	Water	Acenaphthylene	ICVE
MW-17	EPA 8270D SIM	23I1004-16	Water	Anthracene	ICVE
MW-17	EPA 8270D SIM	23I1004-16	Water	Benzo(a)anthracene	ICVE
MW-17	EPA 8270D SIM	23I1004-16	Water	Benzo(a)pyrene	ICVE
MW-17	EPA 8270D SIM	23I1004-16	Water	Benzo(b)fluoranthene	ICVE
MW-17	EPA 8270D SIM	23I1004-16	Water	Benzo(g,h,i)perylene	ICVE
MW-17	EPA 8270D SIM	23I1004-16	Water	Benzo(k)fluoranthene	ICVE

Qualifier Summary Report:

SampleID	Method	LabNumber	Matrix	Analyte	Qualifier
MW-17	EPA 8270D SIM	23I1004-16	Water	Chrysene	ICVE
MW-17	EPA 8270D SIM	23I1004-16	Water	Dibenzo(a,h)anthracene	ICVE
MW-17	EPA 8270D SIM	23I1004-16	Water	Fluoranthene	ICVE
MW-17	EPA 8270D SIM	23I1004-16	Water	Fluorene	ICVE
MW-17	EPA 8270D SIM	23I1004-16	Water	Indeno(1,2,3-cd)pyrene	ICVE
MW-17	EPA 8270D SIM	23I1004-16	Water	Naphthalene	ICVE
MW-17	EPA 8270D SIM	23I1004-16	Water	Phenanthrene	ICVE
MW-17	EPA 8270D SIM	23I1004-16	Water	Pyrene	ICVE
MW-11	EPA 8270D SIM	23I1004-17	Water	Acenaphthene	ICVE
MW-11	EPA 8270D SIM	23I1004-17	Water	Acenaphthylene	ICVE
MW-11	EPA 8270D SIM	23I1004-17	Water	Anthracene	ICVE
MW-11	EPA 8270D SIM	23I1004-17	Water	Benzo(a)anthracene	ICVE
MW-11	EPA 8270D SIM	23I1004-17	Water	Benzo(a)pyrene	ICVE
MW-11	EPA 8270D SIM	23I1004-17	Water	Benzo(b)fluoranthene	ICVE
MW-11	EPA 8270D SIM	23I1004-17	Water	Benzo(g,h,i)perylene	ICVE
MW-11	EPA 8270D SIM	23I1004-17	Water	Benzo(k)fluoranthene	ICVE
MW-11	EPA 8270D SIM	23I1004-17	Water	Chrysene	ICVE
MW-11	EPA 8270D SIM	23I1004-17	Water	Dibenzo(a,h)anthracene	ICVE
MW-11	EPA 8270D SIM	23I1004-17	Water	Fluoranthene	ICVE
MW-11	EPA 8270D SIM	23I1004-17	Water	Fluorene	ICVE
MW-11	EPA 8270D SIM	23I1004-17	Water	Indeno(1,2,3-cd)pyrene	ICVE
MW-11	EPA 8270D SIM	23I1004-17	Water	Naphthalene	ICVE
MW-11	EPA 8270D SIM	23I1004-17	Water	Phenanthrene	ICVE
MW-11	EPA 8270D SIM	23I1004-17	Water	Pyrene	ICVE
MW-12	EPA 8270D SIM	23I1004-18	Water	Acenaphthene	ICVE
MW-12	EPA 8270D SIM	23I1004-18	Water	Acenaphthylene	ICVE
MW-12	EPA 8270D SIM	23I1004-18	Water	Anthracene	ICVE
MW-12	EPA 8270D SIM	23I1004-18	Water	Benzo(a)anthracene	ICVE
MW-12	EPA 8270D SIM	23I1004-18	Water	Benzo(a)pyrene	ICVE
MW-12	EPA 8270D SIM	23I1004-18	Water	Benzo(b)fluoranthene	ICVE
MW-12	EPA 8270D SIM	23I1004-18	Water	Benzo(g,h,i)perylene	ICVE
MW-12	EPA 8270D SIM	23I1004-18	Water	Benzo(k)fluoranthene	ICVE
MW-12	EPA 8270D SIM	23I1004-18	Water	Chrysene	ICVE
MW-12	EPA 8270D SIM	23I1004-18	Water	Dibenzo(a,h)anthracene	ICVE
MW-12	EPA 8270D SIM	23I1004-18	Water	Fluoranthene	ICVE
MW-12	EPA 8270D SIM	23I1004-18	Water	Fluorene	ICVE
MW-12	EPA 8270D SIM	23I1004-18	Water	Indeno(1,2,3-cd)pyrene	ICVE
MW-12	EPA 8270D SIM	23I1004-18	Water	Naphthalene	ICVE
MW-12	EPA 8270D SIM	23I1004-18	Water	Phenanthrene	ICVE
MW-12	EPA 8270D SIM	23I1004-18	Water	Pyrene	ICVE
MW-13	EPA 8270D SIM	23I1004-19	Water	Acenaphthene	ICVE
MW-13	EPA 8270D SIM	23I1004-19	Water	Acenaphthylene	ICVE
MW-13	EPA 8270D SIM	23I1004-19	Water	Anthracene	ICVE
MW-13	EPA 8270D SIM	23I1004-19	Water	Benzo(a)anthracene	ICVE
MW-13	EPA 8270D SIM	23I1004-19	Water	Benzo(a)pyrene	ICVE

Qualifier Summary Report:

SampleID	Method	LabNumber	Matrix	Analyte	Qualifier
MW-13	EPA 8270D SIM	23I1004-19	Water	Benzo(b)fluoranthene	ICVE
MW-13	EPA 8270D SIM	23I1004-19	Water	Benzo(g,h,i)perylene	ICVE
MW-13	EPA 8270D SIM	23I1004-19	Water	Benzo(k)fluoranthene	ICVE
MW-13	EPA 8270D SIM	23I1004-19	Water	Chrysene	ICVE
MW-13	EPA 8270D SIM	23I1004-19	Water	Dibenzo(a,h)anthracene	ICVE
MW-13	EPA 8270D SIM	23I1004-19	Water	Fluoranthene	ICVE
MW-13	EPA 8270D SIM	23I1004-19	Water	Fluorene	ICVE
MW-13	EPA 8270D SIM	23I1004-19	Water	Indeno(1,2,3-cd)pyrene	ICVE
MW-13	EPA 8270D SIM	23I1004-19	Water	Naphthalene	ICVE
MW-13	EPA 8270D SIM	23I1004-19	Water	Phenanthrene	ICVE
MW-13	EPA 8270D SIM	23I1004-19	Water	Pyrene	ICVE
MW-18	EPA 8270D SIM	23I1004-20	Water	Acenaphthene	ICVE
MW-18	EPA 8270D SIM	23I1004-20	Water	Acenaphthylene	ICVE
MW-18	EPA 8270D SIM	23I1004-20	Water	Anthracene	ICVE
MW-18	EPA 8270D SIM	23I1004-20	Water	Benzo(a)anthracene	ICVE
MW-18	EPA 8270D SIM	23I1004-20	Water	Benzo(a)pyrene	ICVE
MW-18	EPA 8270D SIM	23I1004-20	Water	Benzo(b)fluoranthene	ICVE
MW-18	EPA 8270D SIM	23I1004-20	Water	Benzo(g,h,i)perylene	ICVE
MW-18	EPA 8270D SIM	23I1004-20	Water	Benzo(k)fluoranthene	ICVE
MW-18	EPA 8270D SIM	23I1004-20	Water	Chrysene	ICVE
MW-18	EPA 8270D SIM	23I1004-20	Water	Dibenzo(a,h)anthracene	ICVE
MW-18	EPA 8270D SIM	23I1004-20	Water	Fluoranthene	ICVE
MW-18	EPA 8270D SIM	23I1004-20	Water	Fluorene	ICVE
MW-18	EPA 8270D SIM	23I1004-20	Water	Indeno(1,2,3-cd)pyrene	ICVE
MW-18	EPA 8270D SIM	23I1004-20	Water	Naphthalene	ICVE
MW-18	EPA 8270D SIM	23I1004-20	Water	Phenanthrene	ICVE
MW-18	EPA 8270D SIM	23I1004-20	Water	Pyrene	ICVE
	EPA 8270D SIM	BI31208-BS2	Water	Fluorene	B
	EPA 8270D SIM	BI31208-BS2	Water	Pyrene	B

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Qualifier Definitions :	
B	Analyte is found in the associated analysis batch blank. For volatiles, methylene chloride and acetone are common lab contaminants.
CAL-E	The value reported is ESTIMATED. The value is estimated due to its behavior during initial calibration (average Rf>20%)
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).
EXT-EM	The sample exhibited emulsion formation during the extraction process. This may affect surrogate recoveries.
ICVE	The value reported is ESTIMATED. The value is estimated due to its behavior during initial calibration verification (recovery exceeded 30% of expected value).
ICVE20	The value reported is ESTIMATED. The value is estimated due to its behavior during initial calibration verification (recovery exceeded 20% of expected value).
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.
S-08	The recovery of this surrogate was outside of QC limits.

4.0 Analysis Issues

EPA 8260C

No problems were encountered with analysis of the samples, other than detailed below.

Initial Calibration : SI30004

Samples and QC analyzed using this calibration / sequence.

Calibration	Batch	Sequence	SampleName	LabNumber	Instrument	File ID
SI30004	S3I0131	S3I0131	Secondary Cal Check	S3I0131-SCV1	VOA No. 10	V10C020263.D
SI30004	S3I2224	S3I2224	Calibration Check	S3I2224-CCV1	VOA No. 10	V10C020611.D
SI30004	BI31341	S3I2224	LCS	BI31341-BS1	VOA No. 10	V10C020612.D
SI30004	BI31341	S3I2224	LCS Dup	BI31341-BSD1	VOA No. 10	V10C020613.D
SI30004	BI31341	S3I2224	Blank	BI31341-BLK1	VOA No. 10	V10C020615.D
SI30004	BI31341	S3I2224	Trip Blank	23I1004-21	VOA No. 10	V10C020616.D
SI30004	BI31341	S3I2224	MW-11	23I1004-17	VOA No. 10	V10C020619.D
SI30004	BI31341	S3I2224	MW-12	23I1004-18	VOA No. 10	V10C020620.D
SI30004	BI31341	S3I2224	MW-13	23I1004-19	VOA No. 10	V10C020621.D
SI30004	BI31341	S3I2224	MW-18	23I1004-20	VOA No. 10	V10C020622.D

Initial calibration for ***EPA 8260C*** ***exceeded method guidelines.***

Calibration	Intrument	Calibration Date	File ID
SI30004	VOA No. 10	8/31/2023 8:00:44 AM	V10C020250.D

Analyte	RSD%	RSDLim	<MinRRF	RRFLim	CorrCoeff	CCOut	SIM	CAL curve
1,2-Dibromo-3-chloropropane	**8.97**	15	**0.0490**	0.05				Avg
4-Methyl-2-pentanone	**15.31**	15						Avg
Acetone	**16.20**	15						Avg
Acrylonitrile	**15.54**	15						Avg
Bromoform	**19.96**	15						Avg
Methylene chloride	**17.25**	15						Avg
Tetrahydrofuran		15	**0.0393**	0.05				QR0

The following QC and or client samples were affected:

SampleName	LabNumber	SourceSample	File ID
Secondary Cal Check	S3I0131-SCV1		V10C020263.D
Calibration Check	S3I2224-CCV1		V10C020611.D
LCS	BI31341-BS1		V10C020612.D
LCS Dup	BI31341-BSD1		V10C020613.D

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EPA 8260C

Initial Calibration Verification-

The initial calibration verification for analytical method EPA 8260C
all target compounds recovered within method limits with the following exceptions:

Calibration ID	Lab Number	Analyte	True Value	Result	Recovery%	Limits
SI30004	S3I0131-SCV1	2-Hexanone	10.0	7.80	**78.0**	80 - 120
SI30004	S3I0131-SCV1	4-Methyl-2-pentanone	10.0	7.52	**75.2**	80 - 120
SI30004	S3I0131-SCV1	Acetone	10.0	16.4	**164**	80 - 120
SI30004	S3I0131-SCV1	Tetrachloroethylene	10.0	6.27	**62.7**	80 - 120

The following QC and or client samples were affected:

LabNumber	SampleName	File ID
S3I2224-CCV1	Calibration Check	V10C020611.D
BI31341-BS1	LCS	V10C020612.D
BI31341-BSD1	LCS Dup	V10C020613.D

Continuing Calibration Verification-

Calibration	Sequence	LabNumber	File ID	Date / Time
SI30004	S3I2224	S3I2224-CCV1	V10C020611.D	09/21/23 09:16

The continuing calibration verification exceeded method limits for the following analytes.

Calibration	LabNumber	Analyte	Units	Result	TrueVal	REC%	Limits		File ID
SI30004	S3I2224-CCV1	Bromomethane	ug/L	5.53	10.0	**55.3**	70	130	V10C020611.D
SI30004	S3I2224-CCV1	Tetrachloroethylene	ug/L	6.01	10.0	**60.1**	70	130	V10C020611.D

The following QC and or client samples were affected:

Calibration	Sequence	LabNumber	SampleName	Source Sample	File ID
SI30004	S3I2224	BI31341-BS1	LCS		V10C020612.D
SI30004	S3I2224	BI31341-BSD1	LCS Dup		V10C020613.D

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EPA 8260C

Batch QC

Method Blank- No reportable target compounds were detected in the method blank(s)

	Batch	Sequence	Instrument	Blank	FileID
VOA	BI31341	S3I2224	VOA No. 10	BI31341-BLK1	V10C020615.D

Laboratory Control Sample (LCS) or Standard Reference Material (SRM)-

Were run as batch QC for this project. Please refer to the Quality Control Data attached to this report for bias information.

Calibration	Sequence	LabNumber	SampleName	File ID
SI30004	S3I2224	BI31341-BS1	LCS	V10C020612.D
SI30004	S3I2224	BI31341-BSD1	LCS Dup	V10C020613.D

Sequence	SampleName	LabNumber	Analyte	DupRec%	Rec%	RPD%	REC Limits	RPD Limit
S3I2224	LCS	BI31341-BS1	4-Methyl-2-pentanone		**66.5**		70 - 130	
S3I2224	LCS	BI31341-BS1	Acetone		**160**		70 - 130	
S3I2224	LCS	BI31341-BS1	Tetrachloroethylene		**58.1**		70 - 130	
S3I2224	LCS Dup	BI31341-BSD1	Acetone	160	**191**	17.9	70 - 130	30
S3I2224	LCS Dup	BI31341-BSD1	Tetrachloroethylene	58.1	**55.4**	4.76	70 - 130	30

The following samples were affected:

Batch	LabNumber	SampleName	SourceSample
BI31420	23I1004-07RE1	MW-7R	
BI31420	23I1004-08RE1	MW-7D	
BI31420	23I1004-09RE2	MW-7	
BI31340	23I1004-10	MW-8	
BI31420	23I1004-14RE1	MW-10R	
BI31420	23I1004-15RE1	MW-10	

EPA 8260C

Dilutions:

	SpecificMethod	Batch	SampleName	LabNumber	Dilution
	EPA 8260C	BI31340	MW-7R	23I1004-07	2
	EPA 8260C	BI31420	MW-7R	23I1004-07RE1	50
	EPA 8260C	BI31420	MW-7D	23I1004-08RE1	25
	EPA 8260C	BI31420	MW-7	23I1004-09RE1	25
	EPA 8260C	BI31420	MW-7	23I1004-09RE2	100
	EPA 8260C	BI31340	MW-10R	23I1004-14	5
	EPA 8260C	BI31420	MW-10R	23I1004-14RE1	50
	EPA 8260C	BI31420	MW-10	23I1004-15RE1	25

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EPA 8260C

Internal Standards / Surrogates

Internal Standards Issues: No issues were encountered.

Surrogate Issues: No issues were encountered.

Analytical Comments

The following CT RCP list of compound Reporting Limits do not meet the current action levels defined in the State of Connecticut Remedial Standard Regulations (RSR) as amended June 27, 2013 for groundwater protection criteria (GWPC) due to method limitations: Ethylene Dibromide (EDB). If EDB is required to meet GWPC, the LEP must request EPA SW 846 method 8011.

The following CT RCP list of compound Reporting Limits do not meet the current action levels defined in the State of Connecticut Remedial Standard Regulations (RSR) as amended June 27, 2013 for groundwater protection criteria (GWPC) due to method limitations: Ethylene Dibromide (EDB). If EDB is required to meet GWPC, the LEP must request EPA SW 846 method 8011.

4.0 Analysis Issues

EPA 8260C

No problems were encountered with analysis of the samples, other than detailed below.

Initial Calibration : SI30021

Samples and QC analyzed using this calibration / sequence.

Calibration	Batch	Sequence	SampleName	LabNumber	Instrument	File ID
SI30021	S3I1424	S3I1424	Secondary Cal Check	S3I1424-SCV1	VOA No. 8	V840120.D
SI30021	S3I2023	S3I2023	Calibration Check	S3I2023-CCV1	VOA No. 8	V840211.D
SI30021	BI31231	S3I2023	LCS	BI31231-BS1	VOA No. 8	V840212.D
SI30021	BI31231	S3I2023	LCS Dup	BI31231-BSD1	VOA No. 8	V840213.D
SI30021	BI31231	S3I2023	Blank	BI31231-BLK1	VOA No. 8	V840215.D
SI30021	BI31231	S3I2023	MW-1	23I1004-01	VOA No. 8	V840226.D
SI30021	BI31231	S3I2023	MW-2	23I1004-02	VOA No. 8	V840227.D
SI30021	BI31231	S3I2023	MW-3	23I1004-03	VOA No. 8	V840228.D
SI30021	BI31231	S3I2023	MW-4	23I1004-04	VOA No. 8	V840229.D
SI30021	BI31231	S3I2023	MW-5	23I1004-05	VOA No. 8	V840230.D
SI30021	BI31231	S3I2023	MW-6	23I1004-06	VOA No. 8	V840231.D
SI30021	S3I2119	S3I2119	Calibration Check	S3I2119-CCV1	VOA No. 8	V840233.D
SI30021	BI31340	S3I2119	LCS	BI31340-BS1	VOA No. 8	V840234.D
SI30021	BI31340	S3I2119	LCS Dup	BI31340-BSD1	VOA No. 8	V840235.D
SI30021	BI31340	S3I2119	Blank	BI31340-BLK1	VOA No. 8	V840237.D
SI30021	BI31340	S3I2119	MW-7R	23I1004-07	VOA No. 8	V840244.D
SI30021	BI31340	S3I2119	MW-7D	23I1004-08	VOA No. 8	V840245.D
SI30021	BI31340	S3I2119	MW-7	23I1004-09	VOA No. 8	V840246.D
SI30021	BI31340	S3I2119	MW-8	23I1004-10	VOA No. 8	V840247.D
SI30021	BI31340	S3I2119	MW-9	23I1004-11	VOA No. 8	V840248.D
SI30021	BI31340	S3I2119	MW-15	23I1004-12	VOA No. 8	V840249.D
SI30021	BI31340	S3I2119	MW-16	23I1004-13	VOA No. 8	V840250.D
SI30021	BI31340	S3I2119	MW-10R	23I1004-14	VOA No. 8	V840251.D
SI30021	BI31340	S3I2119	MW-10	23I1004-15	VOA No. 8	V840252.D
SI30021	BI31340	S3I2119	MW-17	23I1004-16	VOA No. 8	V840253.D
SI30021	S3I2522	S3I2522	Calibration Check	S3I2522-CCV1	VOA No. 8	V840255.D
SI30021	BI31420	S3I2522	LCS	BI31420-BS1	VOA No. 8	V840256.D
SI30021	BI31420	S3I2522	LCS Dup	BI31420-BSD1	VOA No. 8	V840257.D
SI30021	BI31420	S3I2522	Blank	BI31420-BLK1	VOA No. 8	V840259.D
SI30021	BI31420	S3I2522	MW-7R	23I1004-07RE1	VOA No. 8	V840260.D
SI30021	BI31420	S3I2522	MW-7D	23I1004-08RE1	VOA No. 8	V840261.D
SI30021	BI31420	S3I2522	MW-7	23I1004-09RE1	VOA No. 8	V840262.D
SI30021	BI31420	S3I2522	MW-7	23I1004-09RE2	VOA No. 8	V840263.D
SI30021	BI31420	S3I2522	MW-10R	23I1004-14RE1	VOA No. 8	V840264.D
SI30021	BI31420	S3I2522	MW-10	23I1004-15RE1	VOA No. 8	V840265.D

4.0 Analysis Issues

Initial calibration for	*EPA 8260C*	*met method guidelines.*

York Analytical Work Order Narrative

EPA 8260C

Initial Calibration Verification-

The initial calibration verification for analytical method EPA 8260C
all target compounds recovered within method limits with the following exceptions:

Calibration ID	Lab Number	Analyte	True Value	Result	Recovery%	Limits
SI30021	S3I1424-SCV1	2-Butanone	10.0	7.81	**78.1**	80 - 120
SI30021	S3I1424-SCV1	Acetone	10.0	16.4	**164**	80 - 120
SI30021	S3I1424-SCV1	Tetrachloroethylene	10.0	5.04	**50.4**	80 - 120

The following QC and or client samples were affected:

LabNumber	SampleName	File ID
S3I2023-CCV1	Calibration Check	V840211.D
BI31231-BS1	LCS	V840212.D
BI31231-BSD1	LCS Dup	V840213.D
23I1004-03	MW-3	V840228.D
S3I2119-CCV1	Calibration Check	V840233.D
BI31340-BS1	LCS	V840234.D
BI31340-BSD1	LCS Dup	V840235.D
23I1004-07	MW-7R	V840244.D
23I1004-08	MW-7D	V840245.D
23I1004-09	MW-7	V840246.D
23I1004-10	MW-8	V840247.D
23I1004-14	MW-10R	V840251.D
23I1004-15	MW-10	V840252.D
S3I2522-CCV1	Calibration Check	V840255.D
BI31420-BS1	LCS	V840256.D
BI31420-BSD1	LCS Dup	V840257.D
23I1004-07RE1	MW-7R	V840260.D
23I1004-08RE1	MW-7D	V840261.D
23I1004-09RE1	MW-7	V840262.D
23I1004-09RE2	MW-7	V840263.D
23I1004-14RE1	MW-10R	V840264.D
23I1004-15RE1	MW-10	V840265.D

Continuing Calibration Verification-

Calibration	Sequence	LabNumber	File ID	Date / Time
SI30021	S3I2023	S3I2023-CCV1	V840211.D	09/20/23 09:09
SI30021	S3I2119	S3I2119-CCV1	V840233.D	09/21/23 09:15
SI30021	S3I2522	S3I2522-CCV1	V840255.D	09/22/23 09:15

The continuing calibration verification exceeded method limits for the following analytes.

Calibration	LabNumber	Analyte	Units	Result	TrueVal	REC%	Limits	File ID
SI30021	S3I2023-CCV1	Bromomethane	ug/L	3.86	10.0	**38.6**	70 130	V840211.D
SI30021	S3I2023-CCV1	Tetrachloroethylene	ug/L	6.15	10.0	**61.5**	70 130	V840211.D
SI30021	S3I2119-CCV1	Bromomethane	ug/L	4.50	10.0	**45**	70 130	V840233.D
SI30021	S3I2119-CCV1	Tetrachloroethylene	ug/L	6.06	10.0	**60.6**	70 130	V840233.D
SI30021	S3I2522-CCV1	Bromomethane	ug/L	4.96	10.0	**49.6**	70 130	V840255.D
SI30021	S3I2522-CCV1	Tetrachloroethylene	ug/L	6.28	10.0	**62.8**	70 130	V840255.D

The following QC and or client samples were affected:

Calibration	Sequence	LabNumber	SampleName	Source Sample	File ID
SI30021	S3I2023	BI31231-BS1	LCS		V840212.D

SI30021	S3I2023	BI31231-BSD1	LCS Dup	V840213.D
SI30021	S3I2119	BI31340-BS1	LCS	V840234.D
SI30021	S3I2119	BI31340-BSD1	LCS Dup	V840235.D
SI30021	S3I2522	BI31420-BS1	LCS	V840256.D
SI30021	S3I2522	BI31420-BSD1	LCS Dup	V840257.D

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EPA 8260C

Batch QC

Method Blank- No reportable target compounds were detected in the method blank(s)

	Batch	Sequence	Instrument	Blank	FileID
VOA	BI31231	S3I2023	VOA No. 8	BI31231-BLK1	V840215.D
VOA	BI31340	S3I2119	VOA No. 8	BI31340-BLK1	V840237.D
VOA	BI31420	S3I2522	VOA No. 8	BI31420-BLK1	V840259.D

Laboratory Control Sample (LCS) or Standard Reference Material (SRM)-

Were run as batch QC for this project. Please refer to the Quality Control Data attached to this report for bias information.

Calibration	Sequence	LabNumber	SampleName	File ID
SI30021	S3I2023	BI31231-BS1	LCS	V840212.D
SI30021	S3I2023	BI31231-BSD1	LCS Dup	V840213.D
SI30021	S3I2119	BI31340-BS1	LCS	V840234.D
SI30021	S3I2119	BI31340-BSD1	LCS Dup	V840235.D
SI30021	S3I2522	BI31420-BS1	LCS	V840256.D
SI30021	S3I2522	BI31420-BSD1	LCS Dup	V840257.D

Sequence	SampleName	LabNumber	Analyte	DupRec%	Rec%	RPD%	REC Limits	RPD Limit
S3I2023	LCS	BI31231-BS1	Acetone		**152**		70 - 130	
S3I2023	LCS	BI31231-BS1	Bromomethane		**56.8**		70 - 130	
S3I2023	LCS	BI31231-BS1	Tetrachloroethylene		**55.8**		70 - 130	
S3I2023	LCS Dup	BI31231-BSD1	Acetone	152	**165**	8.19	70 - 130	30
S3I2023	LCS Dup	BI31231-BSD1	Bromomethane	56.8	**65.2**	13.8	70 - 130	30
S3I2023	LCS Dup	BI31231-BSD1	Tetrachloroethylene	55.8	**54.9**	1.63	70 - 130	30
S3I2119	LCS	BI31340-BS1	Acetone		**148**		70 - 130	
S3I2119	LCS	BI31340-BS1	Bromomethane		**55.3**		70 - 130	
S3I2119	LCS	BI31340-BS1	Tetrachloroethylene		**53.1**		70 - 130	
S3I2119	LCS Dup	BI31340-BSD1	Acetone	148	**156**	4.87	70 - 130	30
S3I2119	LCS Dup	BI31340-BSD1	Bromomethane	55.3	**56.1**	1.44	70 - 130	30
S3I2119	LCS Dup	BI31340-BSD1	Tetrachloroethylene	53.1	**50.9**	4.23	70 - 130	30
S3I2522	LCS	BI31420-BS1	Acetone		**151**		70 - 130	
S3I2522	LCS	BI31420-BS1	Bromomethane		**60.6**		70 - 130	
S3I2522	LCS	BI31420-BS1	Tetrachloroethylene		**50.3**		70 - 130	
S3I2522	LCS Dup	BI31420-BSD1	Acetone	151	**166**	9.72	70 - 130	30
S3I2522	LCS Dup	BI31420-BSD1	Tetrachloroethylene	50.3	**52.6**	4.47	70 - 130	30

The following samples were affected:

Batch	LabNumber	SampleName	SourceSample
BI31420	23I1004-07RE1	MW-7R	
BI31420	23I1004-08RE1	MW-7D	
BI31420	23I1004-09RE2	MW-7	
BI31340	23I1004-10	MW-8	
BI31420	23I1004-14RE1	MW-10R	
BI31420	23I1004-15RE1	MW-10	

York Analytical Work Order Narrative

EPA 8260C

Dilutions:

SpecificMethod	Batch	SampleName	LabNumber	Dilution
EPA 8260C	BI31340	MW-7R	23I1004-07	2
EPA 8260C	BI31420	MW-7R	23I1004-07RE1	50
EPA 8260C	BI31420	MW-7D	23I1004-08RE1	25
EPA 8260C	BI31420	MW-7	23I1004-09RE1	25
EPA 8260C	BI31420	MW-7	23I1004-09RE2	100
EPA 8260C	BI31340	MW-10R	23I1004-14	5
EPA 8260C	BI31420	MW-10R	23I1004-14RE1	50
EPA 8260C	BI31420	MW-10	23I1004-15RE1	25

EPA 8260C

Internal Standards / Surrogates

Internal Standards Issues: No issues were encountered.

Surrogate Issues: No issues were encountered.

4.0 Analysis Issues

EPA 8270D

No problems were encountered with analysis of the samples, other than detailed below.

Initial Calibration : SH30037

Samples and QC analyzed using this calibration / sequence.

Calibration	Batch	Sequence	SampleName	LabNumber	Instrument	File ID
SH30037	S3H2131	S3H2131	Secondary Cal Check	S3H2131-SCV1	BNA #3	SV3016897.D
SH30037	S3I2044	S3I2044	Calibration Check	S3I2044-CCV1	BNA #3	SV3017520.D
SH30037	BI31208	S3I2044	Blank	BI31208-BLK1	BNA #3	SV3017527.D
SH30037	BI31208	S3I2044	LCS	BI31208-BS1	BNA #3	SV3017528.D
SH30037	BI31208	S3I2044	LCS Dup	BI31208-BSD1	BNA #3	SV3017529.D
SH30037	S3I2106	S3I2106	Calibration Check	S3I2106-CCV1	BNA #3	SV3017501.D
SH30037	BI31046	S3I2106	Blank	BI31046-BLK1	BNA #3	SV3017502.D
SH30037	BI31046	S3I2106	MW-1	23I1004-01	BNA #3	SV3017509.D
SH30037	BI31046	S3I2106	MW-2	23I1004-02	BNA #3	SV3017510.D
SH30037	BI31046	S3I2106	MW-3	23I1004-03	BNA #3	SV3017511.D
SH30037	S3I2129	S3I2129	Calibration Check	S3I2129-CCV1	BNA #3	SV3017551.D
SH30037	BI31208	S3I2129	MW-5	23I1004-05	BNA #3	SV3017554.D
SH30037	BI31208	S3I2129	MW-6	23I1004-06	BNA #3	SV3017555.D
SH30037	BI31208	S3I2129	MW-7R	23I1004-07	BNA #3	SV3017556.D
SH30037	BI31208	S3I2129	MW-7D	23I1004-08	BNA #3	SV3017557.D
SH30037	BI31208	S3I2129	MW-7	23I1004-09	BNA #3	SV3017558.D
SH30037	BI31208	S3I2129	MW-8	23I1004-10	BNA #3	SV3017559.D
SH30037	S3I2238	S3I2238	Calibration Check	S3I2238-CCV1	BNA #3	SV3017570.D
SH30037	BI31336	S3I2238	Blank	BI31336-BLK1	BNA #3	SV3017571.D
SH30037	BI31336	S3I2238	LCS	BI31336-BS1	BNA #3	SV3017572.D
SH30037	BI31336	S3I2238	LCS Dup	BI31336-BSD1	BNA #3	SV3017573.D

Initial calibration for EPA 8270D exceeded method guidelines.

Calibration	Intrument	Calibration Date	File ID
SH30037	BNA #3	8/18/2023 12:11:09 AM	SV3016888.D

Analyte	RSD%	RSDLim	<MinRRF	RRFLim	CorrCoeff	CCOut	SIM	CAL curve
2,4-Dinitrophenol	**18.17**	15						Avg
4,6-Dinitro-2-methylphenol	**20.58**	15						Avg

The following QC and or client samples were affected:

SampleName	LabNumber	SourceSample	File ID
Calibration Check	S3I2129-CCV1		SV3017551.D
Calibration Check	S3I2238-CCV1		SV3017570.D

York Analytical Work Order Narrative

EPA 8270D

Initial Calibration Verification-

The initial calibration verification for analytical method EPA 8270D
all target compounds recovered within method limits with the following exceptions:

Continuing Calibration Verification-

Calibration	Sequence	LabNumber	File ID	Date / Time
SH30037	S3I2044	S3I2044-CCV1	SV3017520.D	09/20/23 10:04
SH30037	S3I2106	S3I2106-CCV1	SV3017501.D	09/19/23 15:46
SH30037	S3I2129	S3I2129-CCV1	SV3017551.D	09/21/23 13:21
SH30037	S3I2238	S3I2238-CCV1	SV3017570.D	09/22/23 09:43

The continuing calibration verification exceeded method limits for the following analytes.

Calibration	LabNumber	Analyte	Units	Result	TrueVal	REC%	Limits		File ID
SH30037	S3I2129-CCV1	2,4-Dinitrophenol	ug/mL	70.1	30.0	**234**	70	130	SV3017551.D
SH30037	S3I2129-CCV1	2,4-Dinitrotoluene	ug/mL	41.3	30.0	**138**	70	130	SV3017551.D
SH30037	S3I2129-CCV1	2,6-Dinitrotoluene	ug/mL	41.0	30.0	**137**	70	130	SV3017551.D
SH30037	S3I2129-CCV1	2-Nitrophenol	ug/mL	38.3	30.0	**128**	80	120	SV3017551.D
SH30037	S3I2129-CCV1	4,6-Dinitro-2-methylphenol	ug/mL	62.8	30.0	**209**	70	130	SV3017551.D
SH30037	S3I2238-CCV1	2,4-Dinitrophenol	ug/mL	61.6	30.0	**205**	70	130	SV3017570.D
SH30037	S3I2238-CCV1	2,4-Dinitrotoluene	ug/mL	42.7	30.0	**142**	70	130	SV3017570.D
SH30037	S3I2238-CCV1	2,6-Dinitrotoluene	ug/mL	41.4	30.0	**138**	70	130	SV3017570.D
SH30037	S3I2238-CCV1	2-Nitrophenol	ug/mL	37.4	30.0	**125**	80	120	SV3017570.D
SH30037	S3I2238-CCV1	4,6-Dinitro-2-methylphenol	ug/mL	57.5	30.0	**192**	70	130	SV3017570.D
SH30037	S3I2238-CCV1	4-Nitrophenol	ug/mL	40.5	30.0	**135**	70	130	SV3017570.D

The following QC and or client samples were affected:

EPA 8270D

Batch QC

Method Blank- No reportable target compounds were detected in the method blank(s)

	Batch	Sequence	Instrument	Blank	FileID
SVOA	BI31046	S3I2106	BNA #3	BI31046-BLK1	SV3017502.D
SVOA	BI31208	S3I2044	BNA #3	BI31208-BLK1	SV3017527.D
SVOA	BI31336	S3I2238	BNA #3	BI31336-BLK1	SV3017571.D

Laboratory Control Sample (LCS) or Standard Reference Material (SRM)-

Were run as batch QC for this project. Please refer to the Quality Control Data attached to this report for bias information.

Calibration	Sequence	LabNumber	SampleName	File ID
SH30037	S3I2044	BI31208-BS1	LCS	SV3017528.D
SH30037	S3I2044	BI31208-BSD1	LCS Dup	SV3017529.D
SH30037	S3I2238	BI31336-BS1	LCS	SV3017572.D
SH30037	S3I2238	BI31336-BSD1	LCS Dup	SV3017573.D

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EPA 8270D

Dilutions: No sample dilutions were required.

EPA 8270D

Internal Standards / Surrogates

Internal Standards Issues: No issues were encountered.

Surrogate Issues:

Calibration	SampleName	LabNumber	Analyte	Rec %	Limits
SH30037	MW-7D	23I1004-08	SURR: Terphenyl-d14	**29.8**	30 - 130
SH30037	MW-7	23I1004-09	SURR: Nitrobenzene-d5	**24.6**	30 - 130

4.0 Analysis Issues

EPA 8270D SIM SIM Analysis

No problems were encountered with analysis of the samples, other than detailed below.

Initial Calibration : SH30044

Samples and QC analyzed using this calibration / sequence.

Calibration	Batch	Sequence	SampleName	LabNumber	Instrument	File ID
SH30044	S3H2523	S3H2523	Secondary Cal Check	S3H2523-SCV1	BNA #5	SV5A4154.D
SH30044	S3I2042	S3I2042	Calibration Check	S3I2042-CCV1	BNA #5	SV5A4477.D
SH30044	BI31046	S3I2042	LCS	BI31046-BS2	BNA #5	SV5A4478.D
SH30044	BI31208	S3I2042	Blank	BI31208-BLK2	BNA #5	SV5A4480.D
SH30044	BI31208	S3I2042	LCS	BI31208-BS2	BNA #5	SV5A4481.D
SH30044	BI31208	S3I2042	MW-5	23I1004-05	BNA #5	SV5A4485.D
SH30044	BI31208	S3I2042	MW-6	23I1004-06	BNA #5	SV5A4486.D
SH30044	BI31208	S3I2042	MW-7R	23I1004-07	BNA #5	SV5A4487.D
SH30044	BI31208	S3I2042	MW-7D	23I1004-08	BNA #5	SV5A4488.D
SH30044	BI31208	S3I2042	MW-7	23I1004-09	BNA #5	SV5A4489.D
SH30044	BI31208	S3I2042	MW-8	23I1004-10	BNA #5	SV5A4490.D
SH30044	S3I2243	S3I2243	Calibration Check	S3I2243-CCV1	BNA #5	SV5A4501.D
SH30044	BI31336	S3I2243	Blank	BI31336-BLK2	BNA #5	SV5A4502.D
SH30044	BI31336	S3I2243	LCS	BI31336-BS2	BNA #5	SV5A4503.D
SH30044	BI31396	S3I2243	Blank	BI31396-BLK2	BNA #5	SV5A4510.D
SH30044	BI31396	S3I2243	LCS	BI31396-BS2	BNA #5	SV5A4511.D
SH30044	S3I2518	S3I2518	Calibration Check	S3I2518-CCV1	BNA #5	SV5A4517.D
SH30044	BI31336	S3I2518	MW-9	23I1004-11	BNA #5	SV5A4521.D
SH30044	BI31336	S3I2518	MW-15	23I1004-12	BNA #5	SV5A4522.D
SH30044	BI31336	S3I2518	MW-16	23I1004-13	BNA #5	SV5A4523.D
SH30044	BI31336	S3I2518	MW-10R	23I1004-14	BNA #5	SV5A4524.D
SH30044	BI31336	S3I2518	MW-10	23I1004-15	BNA #5	SV5A4525.D
SH30044	BI31336	S3I2518	MW-17	23I1004-16	BNA #5	SV5A4526.D
SH30044	BI31396	S3I2518	MW-11	23I1004-17	BNA #5	SV5A4527.D
SH30044	BI31396	S3I2518	MW-12	23I1004-18	BNA #5	SV5A4528.D
SH30044	BI31396	S3I2518	MW-13	23I1004-19	BNA #5	SV5A4529.D
SH30044	BI31396	S3I2518	MW-18	23I1004-20	BNA #5	SV5A4530.D
SH30044	S3I2609	S3I2609	Calibration Check	S3I2609-CCV1	BNA #5	SV5A4560.D
SH30044	BI31046	S3I2609	MW-1	23I1004-01	BNA #5	SV5A4569.D
SH30044	BI31046	S3I2609	MW-2	23I1004-02	BNA #5	SV5A4570.D
SH30044	BI31046	S3I2609	MW-3	23I1004-03	BNA #5	SV5A4571.D

Initial calibration for EPA 8270D SIM met method guidelines.

York Analytical Work Order Narrative

EPA 8270D SI

Initial Calibration Verification-

The initial calibration verification for analytical method EPA 8270D SIM
all target compounds recovered within method limits with the following exceptions:

Continuing Calibration Verification-

Calibration	Sequence	LabNumber	File ID	Date / Time
SH30044	S3I2042	S3I2042-CCV1	SV5A4477.D	09/20/23 10:22
SH30044	S3I2243	S3I2243-CCV1	SV5A4501.D	09/22/23 09:34
SH30044	S3I2518	S3I2518-CCV1	SV5A4517.D	09/22/23 19:56
SH30044	S3I2609	S3I2609-CCV1	SV5A4560.D	09/25/23 09:57

The continuing calibration verification recovered within method limits.

EPA 8270D SIM SIM Analysis

Batch QC

Method Blank-

	Batch	Sequence	Instrument	Blank	FileID
SVOA	BI31208	S3I2042	BNA #5	BI31208-BLK2	SV5A4480.D
SVOA	BI31336	S3I2243	BNA #5	BI31336-BLK2	SV5A4502.D
SVOA	BI31396	S3I2243	BNA #5	BI31396-BLK2	SV5A4510.D

Sequence	SampleName	LabNumber	Matrix	Analyte	Result	MRL	RptUnits
S3I2042	Blank	BI31208-BLK2	Water	Fluorene	0.260	0.0500	ug/L
S3I2042	Blank	BI31208-BLK2	Water	Pyrene	0.0600	0.0500	ug/L

The following QC and or client samples had positive(s) in associated blanks:

Batch	LabNumber	SampleName	File ID
BI31208	23I1004-07	MW-7R	SV5A4487.D
BI31208	23I1004-09	MW-7	SV5A4489.D
BI31208	BI31208-BS2	LCS	SV5A4481.D

Laboratory Control Sample (LCS) or Standard Reference Material (SRM)-

Were run as batch QC for this project. Please refer to the Quality Control Data attached to this report for bias information.

Calibration	Sequence	LabNumber	SampleName	File ID
SH30044	S3I2042	BI31046-BS2	LCS	SV5A4478.D
SH30044	S3I2042	BI31208-BS2	LCS	SV5A4481.D
SH30044	S3I2243	BI31336-BS2	LCS	SV5A4503.D
SH30044	S3I2243	BI31396-BS2	LCS	SV5A4511.D

EPA 8270D SIM SIM Analysis

Dilutions: No sample dilutions were required.

EPA 8270D SIM SIM Analysis

Internal Standards / Surrogates

Internal Standards Issues: No issues were encountered.

4.0 Analysis Issues

EPA 8270D SIM Analysis

No problems were encountered with analysis of the samples, other than detailed below.

Initial Calibration : SH30046

Samples and QC analyzed using this calibration / sequence.

Calibration	Batch	Sequence	SampleName	LabNumber	Instrument	File ID
SH30046	S3H2531	S3H2531	Secondary Cal Check	S3H2531-SCV1	BNA #7	E70349918.D
SH30046	S3I2231	S3I2231	Calibration Check	S3I2231-CCV1	BNA #7	E70350623.D
SH30046	BI31396	S3I2231	Blank	BI31396-BLK1	BNA #7	E70350630.D
SH30046	BI31396	S3I2231	LCS	BI31396-BS1	BNA #7	E70350631.D
SH30046	BI31396	S3I2231	LCS Dup	BI31396-BSD1	BNA #7	E70350632.D

Initial calibration for EPA 8270D met method guidelines.

EPA 8270D

Initial Calibration Verification-

The initial calibration verification for analytical method EPA 8270D
all target compounds recovered within method limits with the following exceptions:

Continuing Calibration Verification-

Calibration	Sequence	LabNumber	File ID	Date / Time
SH30046	S3I2231	S3I2231-CCV1	E70350623.D	09/22/23 09:30

The continuing calibration verification recovered within method limits.

York Analytical Work Order Narrative

EPA 8270D SIM Analysis

Batch QC

Method Blank- No reportable target compounds were detected in the method blank(s)

	Batch	Sequence	Instrument	Blank	FileID
SVOA	BI31396	S3I2231	BNA #7	BI31396-BLK1	E70350630.D

Laboratory Control Sample (LCS) or Standard Reference Material (SRM)-

Were run as batch QC for this project. Please refer to the Quality Control Data attached to this report for bias information.

Calibration	Sequence	LabNumber	SampleName	File ID
SH30046	S3I2231	BI31396-BS1	LCS	E70350631.D
SH30046	S3I2231	BI31396-BSD1	LCS Dup	E70350632.D

Sequence	SampleName	LabNumber	Analyte	DupRec%	Rec%	RPD%	REC Limits	RPD Limit
S3I2231	LCS	BI31396-BS1	Benzo(g,h,i)perylene		**38.6**		40 - 140	
S3I2231	LCS Dup	BI31396-BSD1	Naphthalene	57.4	**45.9**	22.2	40 - 140	20

EPA 8270D SIM Analysis

Dilutions: No sample dilutions were required.

EPA 8270D SIM Analysis

Internal Standards / Surrogates

Internal Standards Issues: No issues were encountered.

Surrogate Issues: No issues were encountered.

4.0 Analysis Issues

EPA 8270D

No problems were encountered with analysis of the samples, other than detailed below.

Initial Calibration : SH30046

Samples and QC analyzed using this calibration / sequence.

Calibration	Batch	Sequence	SampleName	LabNumber	Instrument	File ID
SH30046	S3H2531	S3H2531	Secondary Cal Check	S3H2531-SCV1	BNA #7	E70349918.D
SH30046	S3I2231	S3I2231	Calibration Check	S3I2231-CCV1	BNA #7	E70350623.D
SH30046	BI31396	S3I2231	Blank	BI31396-BLK1	BNA #7	E70350630.D
SH30046	BI31396	S3I2231	LCS	BI31396-BS1	BNA #7	E70350631.D
SH30046	BI31396	S3I2231	LCS Dup	BI31396-BSD1	BNA #7	E70350632.D

Initial calibration for EPA 8270D met method guidelines.

EPA 8270D

Initial Calibration Verification-

The initial calibration verification for analytical method EPA 8270D
all target compounds recovered within method limits with the following exceptions:

Continuing Calibration Verification-

Calibration	Sequence	LabNumber	File ID	Date / Time
SH30046	S3I2231	S3I2231-CCV1	E70350623.D	09/22/23 09:30

The continuing calibration verification recovered within method limits.

EPA 8270D

Batch QC

Method Blank- No reportable target compounds were detected in the method blank(s)

	Batch	Sequence	Instrument	Blank	FileID
SVOA	BI31396	S3I2231	BNA #7	BI31396-BLK1	E70350630.D

Laboratory Control Sample (LCS) or Standard Reference Material (SRM)-

Were run as batch QC for this project. Please refer to the Quality Control Data attached to this report for bias information.

Calibration	Sequence	LabNumber	SampleName	File ID
SH30046	S3I2231	BI31396-BS1	LCS	E70350631.D
SH30046	S3I2231	BI31396-BSD1	LCS Dup	E70350632.D

York Analytical Work Order Narrative

EPA 8270D

Dilutions: No sample dilutions were required.

EPA 8270D

Internal Standards / Surrogates

Internal Standards Issues: No issues were encountered.

Surrogate Issues: No issues were encountered.

4.0 Analysis Issues

EPA 8270D SIM Analysis

No problems were encountered with analysis of the samples, other than detailed below.

Initial Calibration : SH30056

Samples and QC analyzed using this calibration / sequence.

Calibration	Batch	Sequence	SampleName	LabNumber	Instrument	File ID
SH30056	S3H3123	S3H3123	Secondary Cal Check	S3H3123-SCV1	BNA#6	SV648256.D
SH30056	S3I2532	S3I2532	Calibration Check	S3I2532-CCV1	BNA#6	SV648628.D
SH30056	BI31396	S3I2532	MW-18	23I1004-20	BNA#6	SV648632.D

Initial calibration for EPA 8270D met method guidelines.

EPA 8270D

Initial Calibration Verification-

The initial calibration verification for analytical method EPA 8270D
all target compounds recovered within method limits with the following exceptions:

Continuing Calibration Verification-

Calibration	Sequence	LabNumber	File ID	Date / Time
SH30056	S3I2532	S3I2532-CCV1	SV648628.D	09/22/23 19:57

The continuing calibration verification recovered within method limits.

EPA 8270D SIM Analysis

Batch QC

Method Blank- No reportable target compounds were detected in the method blank(s)

Laboratory Control Sample (LCS) or Standard Reference Material (SRM)-

Were run as batch QC for this project. Please refer to the Quality Control Data attached to this report for bias information.

EPA 8270D SIM Analysis

Dilutions: No sample dilutions were required.

York Analytical Work Order Narrative

EPA 8270D SIM Analysis

Internal Standards / Surrogates

Internal Standards Issues: No issues were encountered.

Surrogate Issues: No issues were encountered.

4.0 Analysis Issues

EPA 8270D

No problems were encountered with analysis of the samples, other than detailed below.

Initial Calibration : SH30056

Samples and QC analyzed using this calibration / sequence.

Calibration	Batch	Sequence	SampleName	LabNumber	Instrument	File ID
SH30056	S3H3123	S3H3123	Secondary Cal Check	S3H3123-SCV1	BNA#6	SV648256.D
SH30056	S3I2532	S3I2532	Calibration Check	S3I2532-CCV1	BNA#6	SV648628.D
SH30056	BI31396	S3I2532	MW-11	23I1004-17	BNA#6	SV648629.D
SH30056	BI31396	S3I2532	MW-12	23I1004-18	BNA#6	SV648630.D
SH30056	BI31396	S3I2532	MW-13	23I1004-19	BNA#6	SV648631.D
SH30056	BI31396	S3I2532	MW-18	23I1004-20	BNA#6	SV648632.D
SH30056	BI31336	S3I2532	MW-9	23I1004-11	BNA#6	SV648636.D
SH30056	BI31336	S3I2532	MW-15	23I1004-12	BNA#6	SV648637.D
SH30056	BI31336	S3I2532	MW-16	23I1004-13	BNA#6	SV648638.D
SH30056	BI31336	S3I2532	MW-10R	23I1004-14	BNA#6	SV648639.D
SH30056	BI31336	S3I2532	MW-10	23I1004-15	BNA#6	SV648640.D
SH30056	BI31336	S3I2532	MW-17	23I1004-16	BNA#6	SV648641.D

Initial calibration for ***EPA 8270D*** ***exceeded method guidelines.***

Calibration	Intrument	Calibration Date	File ID
SH30056	BNA#6	8/31/2023 3:29:40 PM	SV648247.D

Analyte	RSD%	RSDLim	<MinRRF	RRFLim	CorrCoeff	CCOut	SIM	CAL curve
2,4-Dinitrophenol	**21.21**	15						Avg
2,4-Dinitrotoluene	**156.16**	15						Avg
4,6-Dinitro-2-methylphenol	**25.78**	15						Avg
4-Nitrophenol	**44.45**	15						Avg
Bis(2-chloroethoxy)methane	**38.74**	15						Avg
Phenol	**170.59**	15						Avg

The following QC and or client samples were affected:

SampleName	LabNumber	SourceSample	File ID
Calibration Check	S3I2532-CCV1		SV648628.D

York Analytical Work Order Narrative

EPA 8270D

Initial Calibration Verification-

The initial calibration verification for analytical method EPA 8270D
all target compounds recovered within method limits with the following exceptions:

Continuing Calibration Verification-

Calibration	Sequence	LabNumber	File ID	Date / Time
SH30056	S3I2532	S3I2532-CCV1	SV648628.D	09/22/23 19:57

The continuing calibration verification exceeded method limits for the following analytes.

Calibration	LabNumber	Analyte	Units	Result	TrueVal	REC%	Limits		File ID
SH30056	S3I2532-CCV1	2,4-Dinitrophenol	ug/mL	69.7	30.0	**232**	70	130	SV648628.D
SH30056	S3I2532-CCV1	2,6-Dinitrotoluene	ug/mL	44.8	30.0	**149**	70	130	SV648628.D
SH30056	S3I2532-CCV1	2-Nitrophenol	ug/mL	38.4	30.0	**128**	80	120	SV648628.D
SH30056	S3I2532-CCV1	3,3-Dichlorobenzidine	ug/mL	58.8	30.0	**196**	70	130	SV648628.D
SH30056	S3I2532-CCV1	4,6-Dinitro-2-methylphenol	ug/mL	63.5	30.0	**212**	70	130	SV648628.D

The following QC and or client samples were affected:

EPA 8270D

Batch QC

Method Blank- No reportable target compounds were detected in the method blank(s)

Laboratory Control Sample (LCS) or Standard Reference Material (SRM)-

Were run as batch QC for this project. Please refer to the Quality Control Data attached to this report for bias information.

EPA 8270D

Dilutions: No sample dilutions were required.

EPA 8270D

Internal Standards / Surrogates

Internal Standards Issues: No issues were encountered.
Surrogate Issues:

Calibration	SampleName	LabNumber	Analyte	Rec %	Limits
SH30056	MW-15	23I1004-12	SURR: Terphenyl-d14	**14.5**	30 - 130
SH30056	MW-10R	23I1004-14	SURR: Nitrobenzene-d5	**11.9**	30 - 130
SH30056	MW-10R	23I1004-14	SURR: Terphenyl-d14	**26.2**	30 - 130

4.0 Analysis Issues

CT DEP ETPH

No problems were encountered with analysis of the samples, other than detailed below.

Initial Calibration : SH30007

Samples and QC analyzed using this calibration / sequence.

Calibration	Batch	Sequence	SampleName	LabNumber	Instrument	File ID
SH30007	S3I2038	S3I2038	Calibration Check	S3I2038-CCV1	HP FID 3	G8007783.D
SH30007	BI31091	S3I2038	Blank	BI31091-BLK1	HP FID 3	G8007784.D
SH30007	BI31091	S3I2038	LCS	BI31091-BS1	HP FID 3	G8007785.D
SH30007	BI31091	S3I2038	LCS Dup	BI31091-BSD1	HP FID 3	G8007786.D
SH30007	BI31091	S3I2038	MW-1	23I1004-01	HP FID 3	G8007787.D
SH30007	BI31091	S3I2038	MW-2	23I1004-02	HP FID 3	G8007788.D
SH30007	BI31091	S3I2038	MW-3	23I1004-03	HP FID 3	G8007789.D
SH30007	BI31091	S3I2038	MW-4	23I1004-04	HP FID 3	G8007790.D
SH30007	BI31091	S3I2038	MW-5	23I1004-05	HP FID 3	G8007791.D
SH30007	BI31091	S3I2038	MW-6	23I1004-06	HP FID 3	G8007792.D
SH30007	BI31091	S3I2038	MW-7R	23I1004-07	HP FID 3	G8007793.D
SH30007	S3I2038	S3I2038	Calibration Check	S3I2038-CCV2	HP FID 3	G8007794.D
SH30007	BI31091	S3I2038	MW-7D	23I1004-08	HP FID 3	G8007795.D
SH30007	BI31091	S3I2038	MW-7	23I1004-09	HP FID 3	G8007796.D
SH30007	BI31091	S3I2038	MW-8	23I1004-10	HP FID 3	G8007797.D
SH30007	BI31091	S3I2038	MW-18	23I1004-20	HP FID 3	G8007798.D
SH30007	S3I2038	S3I2038	Calibration Check	S3I2038-CCV3	HP FID 3	G8007803.D
SH30007	S3I2038	S3I2038	Calibration Check	S3I2038-CCV4	HP FID 3	G8007810.D
SH30007	S3I2038	S3I2038	Calibration Check	S3I2038-CCV5	HP FID 3	G8007819.D
SH30007	S3I2038	S3I2038	Calibration Check	S3I2038-CCV6	HP FID 3	G8007824.D
SH30007	S3I2139	S3I2139	Calibration Check	S3I2139-CCV1	HP FID 3	G8007829.D
SH30007	BI31174	S3I2139	Blank	BI31174-BLK1	HP FID 3	G8007830.D
SH30007	BI31174	S3I2139	LCS	BI31174-BS1	HP FID 3	G8007831.D
SH30007	BI31174	S3I2139	LCS Dup	BI31174-BSD1	HP FID 3	G8007832.D
SH30007	S3I2139	S3I2139	Calibration Check	S3I2139-CCV2	HP FID 3	G8007841.D
SH30007	BI31174	S3I2139	MRL Check	BI31174-MRL1	HP FID 3	G8007842.D
SH30007	BI31174	S3I2139	MRL Check	BI31174-MRL2	HP FID 3	G8007843.D
SH30007	BI31174	S3I2139	MRL Check	BI31174-MRL3	HP FID 3	G8007844.D
SH30007	BI31174	S3I2139	MW-9	23I1004-11	HP FID 3	G8007845.D
SH30007	BI31174	S3I2139	MW-15	23I1004-12	HP FID 3	G8007846.D
SH30007	BI31174	S3I2139	MW-16	23I1004-13	HP FID 3	G8007847.D
SH30007	BI31174	S3I2139	MW-10R	23I1004-14	HP FID 3	G8007848.D
SH30007	BI31174	S3I2139	MW-10	23I1004-15	HP FID 3	G8007849.D
SH30007	BI31174	S3I2139	MW-17	23I1004-16	HP FID 3	G8007850.D
SH30007	S3I2139	S3I2139	Calibration Check	S3I2139-CCV3	HP FID 3	G8007851.D
SH30007	S3I2139	S3I2139	Calibration Check	S3I2139-CCV4	HP FID 3	G8007862.D
SH30007	S3I2139	S3I2139	Calibration Check	S3I2139-CCV5	HP FID 3	G8007871.D
SH30007	S3I2139	S3I2139	Calibration Check	S3I2139-CCV6	HP FID 3	G8007878.D
SH30007	S3I2139	S3I2139	Calibration Check	S3I2139-CCV7	HP FID 3	G8007888.D

4.0 Analysis Issues

SH30007	S3I2139	S3I2139	Calibration Check	S3I2139-CCV8	HP FID 3	G8007893.D
SH30007	S3I2304	S3I2304	Calibration Check	S3I2304-CCV1	HP FID 3	G8007895.D
SH30007	BI31399	S3I2304	Blank	BI31399-BLK1	HP FID 3	G8007896.D
SH30007	BI31399	S3I2304	LCS	BI31399-BS1	HP FID 3	G8007897.D
SH30007	BI31399	S3I2304	LCS Dup	BI31399-BSD1	HP FID 3	G8007898.D
SH30007	BI31399	S3I2304	MW-12	23I1004-18	HP FID 3	G8007900.D
SH30007	BI31399	S3I2304	MW-13	23I1004-19	HP FID 3	G8007901.D
SH30007	BI31399	S3I2304	MW-11	23I1004-17	HP FID 3	G8007902.D
SH30007	S3I2304	S3I2304	Calibration Check	S3I2304-CCV2	HP FID 3	G8007903.D
SH30007	S3I2304	S3I2304	Calibration Check	S3I2304-CCV3	HP FID 3	G8007914.D
SH30007	S3I2304	S3I2304	Calibration Check	S3I2304-CCV4	HP FID 3	G8007922.D

Initial calibration for CT DEP ETPH met method guidelines.

CT DEP ETPH

Initial Calibration Verification-

The initial calibration verification for analytical method CT DEP ETPH
all target compounds recovered within method limits with the following exceptions:

Continuing Calibration Verification-

Calibration	Sequence	LabNumber	File ID	Date / Time
SH30007	S3I2038	S3I2038-CCV1	G8007783.D	09/19/23 09:09
SH30007	S3I2038	S3I2038-CCV2	G8007794.D	09/19/23 16:09
SH30007	S3I2038	S3I2038-CCV3	G8007803.D	09/19/23 21:53
SH30007	S3I2038	S3I2038-CCV4	G8007810.D	09/20/23 08:06
SH30007	S3I2038	S3I2038-CCV5	G8007819.D	09/20/23 13:50
SH30007	S3I2038	S3I2038-CCV6	G8007824.D	09/20/23 17:01
SH30007	S3I2139	S3I2139-CCV1	G8007829.D	09/21/23 08:44
SH30007	S3I2139	S3I2139-CCV2	G8007841.D	09/21/23 16:23
SH30007	S3I2139	S3I2139-CCV3	G8007851.D	09/21/23 22:45
SH30007	S3I2139	S3I2139-CCV4	G8007862.D	09/22/23 05:44
SH30007	S3I2139	S3I2139-CCV5	G8007871.D	09/22/23 11:27
SH30007	S3I2139	S3I2139-CCV6	G8007878.D	09/22/23 14:56
SH30007	S3I2139	S3I2139-CCV7	G8007888.D	09/22/23 21:41
SH30007	S3I2139	S3I2139-CCV8	G8007893.D	09/23/23 00:52
SH30007	S3I2304	S3I2304-CCV1	G8007895.D	09/23/23 08:45
SH30007	S3I2304	S3I2304-CCV2	G8007903.D	09/23/23 13:51
SH30007	S3I2304	S3I2304-CCV3	G8007914.D	09/23/23 20:51
SH30007	S3I2304	S3I2304-CCV4	G8007922.D	09/24/23 01:56

The continuing calibration verification recovered within method limits.

York Analytical Work Order Narrative

CT DEP ETPH

Batch QC

Method Blank- No reportable target compounds were detected in the method blank(s)

	Batch	Sequence	Instrument	Blank	FileID
GC	BI31091	S3I2038	HP FID 3	BI31091-BLK1	G8007784.D
GC	BI31174	S3I2139	HP FID 3	BI31174-BLK1	G8007830.D
GC	BI31399	S3I2304	HP FID 3	BI31399-BLK1	G8007896.D

Laboratory Control Sample (LCS) or Standard Reference Material (SRM)-

Were run as batch QC for this project. Please refer to the Quality Control Data attached to this report for bias information.

Calibration	Sequence	LabNumber	SampleName	File ID
SH30007	S3I2038	BI31091-BS1	LCS	G8007785.D
SH30007	S3I2038	BI31091-BSD1	LCS Dup	G8007786.D
SH30007	S3I2139	BI31174-BS1	LCS	G8007831.D
SH30007	S3I2139	BI31174-BSD1	LCS Dup	G8007832.D
SH30007	S3I2304	BI31399-BS1	LCS	G8007897.D
SH30007	S3I2304	BI31399-BSD1	LCS Dup	G8007898.D

CT DEP ETPH

Dilutions: No sample dilutions were required.

CT DEP ETPH

Internal Standards / Surrogates

Surrogate Issues: No issues were encountered.

York Analytical Laboratories, Inc.

Formulae Used for Sample Calculations

1. Volatiles in Air-ppbv

Cx (ppbv) = Compound concentration, ppbv (parts per billion by volume)

$$Cx = \frac{(Ax)(Cis)(DF)}{(Ais)(RRF)}$$

2. Volatiles in Air-ug/m³

Cx (ug/m³)= Compound concentration in ug/m³

$$Cx\ (ug/m^3) = \frac{(ppbv \times Molecular\ wt.)}{(24.040)}$$

3. Volatile Organics (water and soil), ug/L or ug/kg

Soils/Waters

$$Cx = \frac{(Ax)(IS)(DF)}{(Ais)(RRF)(V)(\%\ solids)}$$

Medium Level Soils

$$Cx = \frac{(Ax)(IS)(VT)(1000)(DF)}{(Ais)(RRF)(VA)(V)(\%\ solids)}$$

4. Semi-Volatiles (waters and soils)

$$Cx = \frac{(Ax)(IS)(VE)(DF)}{(Ais)(RRF)(Volume\ injected,\ uL)(V)(\%\ solids)}$$

5. Pesticides/PCB (waters and soils), DRO, CTETPH

$$Cx = \frac{(Ax)(VE)(DF)}{(CF)(Volume\ injected,\ uL)(V)(\%\ solids)}$$

WHERE:
Cx = concentration of analyte as ug/L or ug/kg
Ax = Area of the characteristic ion for the compound to be measured, counts.
Ais = Area of the characteristic ion for the specific internal standard, counts.
IS = Concentration of the internal standard spiking mixture, ng
RRF = Mean relative response factor from the initial calibration.
DF = Dilution factor calculated as described in section 2. If no dilution is performed, DF= 1
V = Volume for liquids in mL, weight for soils/solids in grams.
VA = volume of MeOH aliquot for medium level soils
VE = final volume of concentrated extract
VT = volume of MeOH for volatiles medium level soils
CF = calibration factor for external calibration used in GC pest/pcb
Cis = Concentration of the internal standard spiking mixture, ppbv

Analytical Batch Summary

Batch ID: BI31046 **Preparation Method:** EPA 3510C **Prepared By:** JM

YORK Sample ID	Client Sample ID	Preparation Date
23I1004-01	MW-1	09/18/23
23I1004-01	MW-1	09/18/23
23I1004-02	MW-2	09/18/23
23I1004-02	MW-2	09/18/23
23I1004-03	MW-3	09/18/23
23I1004-03	MW-3	09/18/23
BI31046-BLK1	Blank	09/18/23
BI31046-BS2	LCS	09/18/23

Batch ID: BI31091 **Preparation Method:** EPA 3510C **Prepared By:** JG

YORK Sample ID	Client Sample ID	Preparation Date
23I1004-01	MW-1	09/18/23
23I1004-02	MW-2	09/18/23
23I1004-03	MW-3	09/18/23
23I1004-04	MW-4	09/18/23
23I1004-05	MW-5	09/18/23
23I1004-06	MW-6	09/18/23
23I1004-07	MW-7R	09/18/23
23I1004-08	MW-7D	09/18/23
23I1004-09	MW-7	09/18/23
23I1004-10	MW-8	09/18/23
23I1004-20	MW-18	09/18/23
BI31091-BLK1	Blank	09/18/23
BI31091-BS1	LCS	09/18/23
BI31091-BSD1	LCS Dup	09/18/23

Batch ID: BI31174 **Preparation Method:** EPA 3510C **Prepared By:** SS

YORK Sample ID	Client Sample ID	Preparation Date
23I1004-11	MW-9	09/19/23
23I1004-12	MW-15	09/19/23
23I1004-13	MW-16	09/19/23
23I1004-14	MW-10R	09/19/23
23I1004-15	MW-10	09/19/23
23I1004-16	MW-17	09/19/23
BI31174-BLK1	Blank	09/19/23
BI31174-BS1	LCS	09/19/23
BI31174-BSD1	LCS Dup	09/19/23
BI31174-MRL1	MRL Check	09/19/23
BI31174-MRL2	MRL Check	09/19/23
BI31174-MRL3	MRL Check	09/19/23

Batch ID: BI31208 **Preparation Method:** EPA 3510C **Prepared By:** JM

YORK Sample ID	Client Sample ID	Preparation Date
23I1004-05	MW-5	09/20/23
23I1004-06	MW-6	09/20/23
23I1004-07	MW-7R	09/20/23
23I1004-08	MW-7D	09/20/23
23I1004-09	MW-7	09/20/23
23I1004-10	MW-8	09/20/23
BI31208-BLK1	Blank	09/20/23
BI31208-BLK2	Blank	09/20/23
BI31208-BS1	LCS	09/20/23
BI31208-BS2	LCS	09/20/23
BI31208-BSD1	LCS Dup	09/20/23

Batch ID: BI31231 **Preparation Method:** EPA 5030B **Prepared By:** SMA

YORK Sample ID	Client Sample ID	Preparation Date
23I1004-01	MW-1	09/20/23
23I1004-02	MW-2	09/20/23
23I1004-03	MW-3	09/20/23
23I1004-04	MW-4	09/20/23
23I1004-05	MW-5	09/20/23
23I1004-06	MW-6	09/20/23
BI31231-BLK1	Blank	09/20/23
BI31231-BS1	LCS	09/20/23
BI31231-BSD1	LCS Dup	09/20/23

Batch ID: BI31336 **Preparation Method:** EPA 3510C **Prepared By:** SS

YORK Sample ID	Client Sample ID	Preparation Date
23I1004-11	MW-9	09/20/23
23I1004-12	MW-15	09/20/23
23I1004-13	MW-16	09/20/23
23I1004-14	MW-10R	09/20/23
23I1004-15	MW-10	09/20/23
23I1004-16	MW-17	09/20/23
BI31336-BLK1	Blank	09/20/23
BI31336-BLK2	Blank	09/20/23
BI31336-BS1	LCS	09/20/23
BI31336-BS2	LCS	09/20/23
BI31336-BSD1	LCS Dup	09/20/23

Batch ID: BI31340 **Preparation Method:** EPA 5030B **Prepared By:** SMA

YORK Sample ID	Client Sample ID	Preparation Date
23I1004-07	MW-7R	09/21/23
23I1004-08	MW-7D	09/21/23
23I1004-09	MW-7	09/21/23
23I1004-10	MW-8	09/21/23

23I1004-11	MW-9	09/21/23
23I1004-12	MW-15	09/21/23
23I1004-13	MW-16	09/21/23
23I1004-14	MW-10R	09/21/23
23I1004-15	MW-10	09/21/23
23I1004-16	MW-17	09/21/23
BI31340-BLK1	Blank	09/21/23
BI31340-BS1	LCS	09/21/23
BI31340-BSD1	LCS Dup	09/21/23

Batch ID: BI31341 **Preparation Method:** EPA 5030B **Prepared By:** SMA

YORK Sample ID	Client Sample ID	Preparation Date
23I1004-17	MW-11	09/21/23
23I1004-18	MW-12	09/21/23
23I1004-19	MW-13	09/21/23
23I1004-20	MW-18	09/21/23
23I1004-21	Trip Blank	09/21/23
BI31341-BLK1	Blank	09/21/23
BI31341-BS1	LCS	09/21/23
BI31341-BSD1	LCS Dup	09/21/23

Batch ID: BI31396 **Preparation Method:** EPA 3510C **Prepared By:** JM

YORK Sample ID	Client Sample ID	Preparation Date
23I1004-17	MW-11	09/22/23
23I1004-18	MW-12	09/22/23
23I1004-19	MW-13	09/22/23
23I1004-20	MW-18	09/22/23
BI31396-BLK1	Blank	09/22/23
BI31396-BLK2	Blank	09/22/23
BI31396-BS1	LCS	09/22/23
BI31396-BS2	LCS	09/22/23
BI31396-BSD1	LCS Dup	09/22/23

Batch ID: BI31399 **Preparation Method:** EPA 3510C **Prepared By:** SCC

YORK Sample ID	Client Sample ID	Preparation Date
23I1004-17	MW-11	09/22/23
23I1004-18	MW-12	09/22/23
23I1004-19	MW-13	09/22/23
BI31399-BLK1	Blank	09/22/23
BI31399-BS1	LCS	09/22/23
BI31399-BSD1	LCS Dup	09/22/23

Batch ID: BI31420 **Preparation Method:** EPA 5030B **Prepared By:** SMA

YORK Sample ID	Client Sample ID	Preparation Date
23I1004-07RE1	MW-7R	09/22/23

23I1004-08RE1	MW-7D	09/22/23
23I1004-09RE1	MW-7	09/22/23
23I1004-09RE2	MW-7	09/22/23
23I1004-14RE1	MW-10R	09/22/23
23I1004-15RE1	MW-10	09/22/23
BI31420-BLK1	Blank	09/22/23
BI31420-BS1	LCS	09/22/23
BI31420-BSD1	LCS Dup	09/22/23

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BI31231 - EPA 5030B											
Blank (BI31231-BLK1)									Prepared & Analyzed: 09/20/2023		
1,1,1,2-Tetrachloroethane	ND	0.500	ug/L								
1,1,1-Trichloroethane	ND	0.500	"								
1,1,2,2-Tetrachloroethane	ND	0.500	"								
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	0.500	"								
1,1,2-Trichloroethane	ND	0.500	"								
1,1-Dichloroethane	ND	0.500	"								
1,1-Dichloroethylene	ND	0.500	"								
1,1-Dichloropropylene	ND	0.500	"								
1,2,3-Trichlorobenzene	ND	0.500	"								
1,2,3-Trichloropropane	ND	0.500	"								
1,2,4-Trichlorobenzene	ND	0.500	"								
1,2,4-Trimethylbenzene	ND	0.500	"								
1,2-Dibromo-3-chloropropane	ND	0.500	"								
1,2-Dibromoethane	ND	0.500	"								
1,2-Dichlorobenzene	ND	0.500	"								
1,2-Dichloroethane	ND	0.500	"								
1,2-Dichloropropane	ND	0.500	"								
1,3,5-Trimethylbenzene	ND	0.500	"								
1,3-Dichlorobenzene	ND	0.500	"								
1,3-Dichloropropane	ND	0.500	"								
1,4-Dichlorobenzene	ND	0.500	"								
2,2-Dichloropropane	ND	0.500	"								
2-Butanone	ND	0.500	"								
2-Chlorotoluene	ND	0.500	"								
2-Hexanone	ND	0.500	"								
4-Chlorotoluene	ND	0.500	"								
4-Methyl-2-pentanone	ND	0.500	"								
Acetone	ND	2.00	"								
Acrylonitrile	ND	0.500	"								
Benzene	ND	0.500	"								
Bromobenzene	ND	0.500	"								
Bromochloromethane	ND	0.500	"								
Bromodichloromethane	ND	0.500	"								
Bromoform	ND	0.500	"								
Bromomethane	ND	0.500	"								
Carbon disulfide	ND	0.500	"								
Carbon tetrachloride	ND	0.500	"								
Chlorobenzene	ND	0.500	"								
Chloroethane	ND	0.500	"								
Chloroform	ND	0.500	"								
Chloromethane	ND	0.500	"								
cis-1,2-Dichloroethylene	ND	0.500	"								
cis-1,3-Dichloropropylene	ND	0.500	"								
Dibromochloromethane	ND	0.500	"								
Dibromomethane	ND	0.500	"								
Dichlorodifluoromethane	ND	0.500	"								
Ethyl Benzene	ND	0.500	"								
Hexachlorobutadiene	ND	0.500	"								
Isopropylbenzene	ND	0.500	"								
Methyl Methacrylate	ND	0.500	"								

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BI31231 - EPA 5030B											
Blank (BI31231-BLK1)									Prepared & Analyzed: 09/20/2023		
Methyl tert-butyl ether (MTBE)	ND	0.500	ug/L								
Methylene chloride	ND	2.00	"								
Naphthalene	ND	2.00	"								
n-Butylbenzene	ND	0.500	"								
n-Propylbenzene	ND	0.500	"								
o-Xylene	ND	0.500	"								
p- & m- Xylenes	ND	1.00	"								
p-Isopropyltoluene	ND	0.500	"								
sec-Butylbenzene	ND	0.500	"								
Styrene	ND	0.500	"								
tert-Butylbenzene	ND	0.500	"								
Tetrachloroethylene	ND	0.500	"								
Tetrahydrofuran	ND	4.00	"								
Toluene	ND	0.500	"								
trans-1,2-Dichloroethylene	ND	0.500	"								
trans-1,3-Dichloropropylene	ND	0.500	"								
trans-1,4-dichloro-2-butene	ND	0.500	"								
Trichloroethylene	ND	0.500	"								
Trichlorofluoromethane	ND	0.500	"								
Vinyl Chloride	ND	0.500	"								
Surrogate: SURR: 1,2-Dichloroethane-d4	*9.91*		*"*	*10.0*		*99.1*	*70-130*				
Surrogate: SURR: Toluene-d8	*10.1*		*"*	*10.0*		*101*	*70-130*				
Surrogate: SURR: p-Bromofluorobenzene	*10.2*		*"*	*10.0*		*102*	*70-130*				
LCS (BI31231-BS1)									Prepared & Analyzed: 09/20/2023		
1,1,1,2-Tetrachloroethane	10.1		ug/L	10.0		101	70-130				
1,1,1-Trichloroethane	10.5		"	10.0		105	70-130				
1,1,2,2-Tetrachloroethane	11.0		"	10.0		110	70-130				
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	11.1		"	10.0		111	70-130				
1,1,2-Trichloroethane	9.91		"	10.0		99.1	70-130				
1,1-Dichloroethane	9.52		"	10.0		95.2	70-130				
1,1-Dichloroethylene	10.4		"	10.0		104	70-130				
1,1-Dichloropropylene	9.86		"	10.0		98.6	70-130				
1,2,3-Trichlorobenzene	9.38		"	10.0		93.8	70-130				
1,2,3-Trichloropropane	10.3		"	10.0		103	70-130				
1,2,4-Trichlorobenzene	9.54		"	10.0		95.4	70-130				
1,2,4-Trimethylbenzene	9.89		"	10.0		98.9	70-130				
1,2-Dibromo-3-chloropropane	8.46		"	10.0		84.6	70-130				
1,2-Dibromoethane	10.2		"	10.0		102	70-130				
1,2-Dichlorobenzene	10.0		"	10.0		100	70-130				
1,2-Dichloroethane	9.73		"	10.0		97.3	70-130				
1,2-Dichloropropane	9.87		"	10.0		98.7	70-130				
1,3,5-Trimethylbenzene	9.74		"	10.0		97.4	70-130				
1,3-Dichlorobenzene	9.92		"	10.0		99.2	70-130				
1,3-Dichloropropane	9.80		"	10.0		98.0	70-130				
1,4-Dichlorobenzene	9.87		"	10.0		98.7	70-130				
2,2-Dichloropropane	11.2		"	10.0		112	70-130				
2-Butanone	8.19		"	10.0		81.9	70-130				
2-Chlorotoluene	9.93		"	10.0		99.3	70-130				
2-Hexanone	8.39		"	10.0		83.9	70-130				
4-Chlorotoluene	10.0		"	10.0		100	70-130				

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BI31231 - EPA 5030B											
LCS (BI31231-BS1)								Prepared & Analyzed: 09/20/2023			
4-Methyl-2-pentanone	9.05		ug/L	10.0		90.5	70-130				
Acetone	15.2		"	10.0		152	70-130	High Bias			
Acrylonitrile	9.90		"	10.0		99.0	70-130				
Benzene	10.2		"	10.0		102	70-130				
Bromobenzene	9.70		"	10.0		97.0	70-130				
Bromochloromethane	9.73		"	10.0		97.3	70-130				
Bromodichloromethane	9.90		"	10.0		99.0	70-130				
Bromoform	8.73		"	10.0		87.3	70-130				
Bromomethane	5.68		"	10.0		56.8	70-130	Low Bias			
Carbon disulfide	11.2		"	10.0		112	70-130				
Carbon tetrachloride	10.7		"	10.0		107	70-130				
Chlorobenzene	10.5		"	10.0		105	70-130				
Chloroethane	10.5		"	10.0		105	70-130				
Chloroform	9.88		"	10.0		98.8	70-130				
Chloromethane	9.49		"	10.0		94.9	70-130				
cis-1,2-Dichloroethylene	9.85		"	10.0		98.5	70-130				
cis-1,3-Dichloropropylene	9.81		"	10.0		98.1	70-130				
Dibromochloromethane	8.90		"	10.0		89.0	70-130				
Dibromomethane	9.85		"	10.0		98.5	70-130				
Dichlorodifluoromethane	11.5		"	10.0		115	70-130				
Ethyl Benzene	10.1		"	10.0		101	70-130				
Hexachlorobutadiene	9.61		"	10.0		96.1	70-130				
Isopropylbenzene	10.3		"	10.0		103	70-130				
Methyl Methacrylate	8.41		"	10.0		84.1	70-130				
Methyl tert-butyl ether (MTBE)	9.58		"	10.0		95.8	70-130				
Methylene chloride	9.70		"	10.0		97.0	70-130				
Naphthalene	9.83		"	10.0		98.3	70-130				
n-Butylbenzene	8.05		"	10.0		80.5	70-130				
n-Propylbenzene	10.1		"	10.0		101	70-130				
o-Xylene	9.90		"	10.0		99.0	70-130				
p- & m- Xylenes	20.5		"	20.0		103	70-130				
p-Isopropyltoluene	9.95		"	10.0		99.5	70-130				
sec-Butylbenzene	10.0		"	10.0		100	70-130				
Styrene	10.2		"	10.0		102	70-130				
tert-Butylbenzene	9.99		"	10.0		99.9	70-130				
Tetrachloroethylene	5.58		"	10.0		55.8	70-130	Low Bias			
Tetrahydrofuran	8.74		"	10.0		87.4	70-130				
Toluene	10.0		"	10.0		100	70-130				
trans-1,2-Dichloroethylene	10.0		"	10.0		100	70-130				
trans-1,3-Dichloropropylene	9.71		"	10.0		97.1	70-130				
trans-1,4-dichloro-2-butene	9.46		"	10.0		94.6	70-130				
Trichloroethylene	9.46		"	10.0		94.6	70-130				
Trichlorofluoromethane	11.4		"	10.0		114	70-130				
Vinyl Chloride	10.4		"	10.0		104	70-130				
Surrogate: SURR: 1,2-Dichloroethane-d4	*9.71*		*"*	*10.0*		*97.1*	*70-130*				
Surrogate: SURR: Toluene-d8	*9.95*		*"*	*10.0*		*99.5*	*70-130*				
Surrogate: SURR: p-Bromofluorobenzene	*9.80*		*"*	*10.0*		*98.0*	*70-130*				

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BI31231 - EPA 5030B											
LCS Dup (BI31231-BSD1)								Prepared & Analyzed: 09/20/2023			
1,1,1,2-Tetrachloroethane	10.2		ug/L	10.0		102	70-130		1.28	30	
1,1,1-Trichloroethane	10.3		"	10.0		103	70-130		1.25	30	
1,1,2,2-Tetrachloroethane	11.5		"	10.0		115	70-130		3.91	30	
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	10.8		"	10.0		108	70-130		2.84	30	
1,1,2-Trichloroethane	10.2		"	10.0		102	70-130		2.69	30	
1,1-Dichloroethane	9.55		"	10.0		95.5	70-130		0.315	30	
1,1-Dichloroethylene	10.2		"	10.0		102	70-130		1.85	30	
1,1-Dichloropropylene	9.63		"	10.0		96.3	70-130		2.36	30	
1,2,3-Trichlorobenzene	10.1		"	10.0		101	70-130		7.19	30	
1,2,3-Trichloropropane	10.7		"	10.0		107	70-130		3.82	30	
1,2,4-Trichlorobenzene	10.0		"	10.0		100	70-130		5.11	30	
1,2,4-Trimethylbenzene	9.88		"	10.0		98.8	70-130		0.101	30	
1,2-Dibromo-3-chloropropane	9.26		"	10.0		92.6	70-130		9.03	30	
1,2-Dibromoethane	10.7		"	10.0		107	70-130		4.90	30	
1,2-Dichlorobenzene	10.2		"	10.0		102	70-130		1.58	30	
1,2-Dichloroethane	10.2		"	10.0		102	70-130		4.23	30	
1,2-Dichloropropane	10.0		"	10.0		100	70-130		1.41	30	
1,3,5-Trimethylbenzene	9.67		"	10.0		96.7	70-130		0.721	30	
1,3-Dichlorobenzene	9.97		"	10.0		99.7	70-130		0.503	30	
1,3-Dichloropropane	10.2		"	10.0		102	70-130		4.29	30	
1,4-Dichlorobenzene	9.91		"	10.0		99.1	70-130		0.404	30	
2,2-Dichloropropane	10.9		"	10.0		109	70-130		2.90	30	
2-Butanone	8.73		"	10.0		87.3	70-130		6.38	30	
2-Chlorotoluene	9.87		"	10.0		98.7	70-130		0.606	30	
2-Hexanone	8.98		"	10.0		89.8	70-130		6.79	30	
4-Chlorotoluene	9.95		"	10.0		99.5	70-130		0.801	30	
4-Methyl-2-pentanone	9.74		"	10.0		97.4	70-130		7.34	30	
Acetone	16.5		"	10.0		165	70-130	High Bias	8.19	30	
Acrylonitrile	10.4		"	10.0		104	70-130		4.54	30	
Benzene	10.2		"	10.0		102	70-130		0.0976	30	
Bromobenzene	9.68		"	10.0		96.8	70-130		0.206	30	
Bromochloromethane	10.0		"	10.0		100	70-130		2.74	30	
Bromodichloromethane	10.0		"	10.0		100	70-130		1.40	30	
Bromoform	9.30		"	10.0		93.0	70-130		6.32	30	
Bromomethane	6.52		"	10.0		65.2	70-130	Low Bias	13.8	30	
Carbon disulfide	10.9		"	10.0		109	70-130		2.80	30	
Carbon tetrachloride	10.4		"	10.0		104	70-130		3.03	30	
Chlorobenzene	10.6		"	10.0		106	70-130		1.04	30	
Chloroethane	10.6		"	10.0		106	70-130		0.379	30	
Chloroform	10.0		"	10.0		100	70-130		1.41	30	
Chloromethane	9.67		"	10.0		96.7	70-130		1.88	30	
cis-1,2-Dichloroethylene	9.89		"	10.0		98.9	70-130		0.405	30	
cis-1,3-Dichloropropylene	9.96		"	10.0		99.6	70-130		1.52	30	
Dibromochloromethane	9.22		"	10.0		92.2	70-130		3.53	30	
Dibromomethane	10.3		"	10.0		103	70-130		4.17	30	
Dichlorodifluoromethane	11.2		"	10.0		112	70-130		2.90	30	
Ethyl Benzene	10.1		"	10.0		101	70-130		0.199	30	
Hexachlorobutadiene	9.77		"	10.0		97.7	70-130		1.65	30	
Isopropylbenzene	10.1		"	10.0		101	70-130		1.57	30	
Methyl Methacrylate	8.93		"	10.0		89.3	70-130		6.00	30	
Methyl tert-butyl ether (MTBE)	10.1		"	10.0		101	70-130		5.19	30	

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BI31231 - EPA 5030B											
LCS Dup (BI31231-BSD1)								Prepared & Analyzed: 09/20/2023			
Methylene chloride	10.1		ug/L	10.0		101	70-130		3.64	30	
Naphthalene	10.7		"	10.0		107	70-130		8.20	30	
n-Butylbenzene	10.0		"	10.0		100	70-130		21.6	30	
n-Propylbenzene	9.99		"	10.0		99.9	70-130		0.798	30	
o-Xylene	9.99		"	10.0		99.9	70-130		0.905	30	
p- & m- Xylenes	20.6		"	20.0		103	70-130		0.583	30	
p-Isopropyltoluene	9.99		"	10.0		99.9	70-130		0.401	30	
sec-Butylbenzene	10.0		"	10.0		100	70-130		0.300	30	
Styrene	10.4		"	10.0		104	70-130		1.56	30	
tert-Butylbenzene	9.96		"	10.0		99.6	70-130		0.301	30	
Tetrachloroethylene	5.49		"	10.0		54.9	70-130	Low Bias	1.63	30	
Tetrahydrofuran	9.62		"	10.0		96.2	70-130		9.59	30	
Toluene	10.0		"	10.0		100	70-130		0.399	30	
trans-1,2-Dichloroethylene	9.93		"	10.0		99.3	70-130		1.00	30	
trans-1,3-Dichloropropylene	10.1		"	10.0		101	70-130		3.54	30	
trans-1,4-dichloro-2-butene	9.48		"	10.0		94.8	70-130		0.211	30	
Trichloroethylene	9.33		"	10.0		93.3	70-130		1.38	30	
Trichlorofluoromethane	11.1		"	10.0		111	70-130		1.96	30	
Vinyl Chloride	10.3		"	10.0		103	70-130		1.45	30	
Surrogate: SURR: 1,2-Dichloroethane-d4	*10.0*		*"*	*10.0*		*100*	*70-130*				
Surrogate: SURR: Toluene-d8	*9.97*		*"*	*10.0*		*99.7*	*70-130*				
Surrogate: SURR: p-Bromofluorobenzene	*9.63*		*"*	*10.0*		*96.3*	*70-130*				
Batch BI31340 - EPA 5030B											
Blank (BI31340-BLK1)								Prepared & Analyzed: 09/21/2023			
1,1,1,2-Tetrachloroethane	ND	0.500	ug/L								
1,1,1-Trichloroethane	ND	0.500	"								
1,1,2,2-Tetrachloroethane	ND	0.500	"								
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	0.500	"								
1,1,2-Trichloroethane	ND	0.500	"								
1,1-Dichloroethane	ND	0.500	"								
1,1-Dichloroethylene	ND	0.500	"								
1,1-Dichloropropylene	ND	0.500	"								
1,2,3-Trichlorobenzene	ND	0.500	"								
1,2,3-Trichloropropane	ND	0.500	"								
1,2,4-Trichlorobenzene	ND	0.500	"								
1,2,4-Trimethylbenzene	ND	0.500	"								
1,2-Dibromo-3-chloropropane	ND	0.500	"								
1,2-Dibromoethane	ND	0.500	"								
1,2-Dichlorobenzene	ND	0.500	"								
1,2-Dichloroethane	ND	0.500	"								
1,2-Dichloropropane	ND	0.500	"								
1,3,5-Trimethylbenzene	ND	0.500	"								
1,3-Dichlorobenzene	ND	0.500	"								
1,3-Dichloropropane	ND	0.500	"								
1,4-Dichlorobenzene	ND	0.500	"								
2,2-Dichloropropane	ND	0.500	"								
2-Butanone	ND	0.500	"								
2-Chlorotoluene	ND	0.500	"								
2-Hexanone	ND	0.500	"								

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BI31340 - EPA 5030B											
Blank (BI31340-BLK1)											
4-Chlorotoluene	ND	0.500	ug/L								
4-Methyl-2-pentanone	ND	0.500	"								
Acetone	ND	2.00	"								
Acrylonitrile	ND	0.500	"								
Benzene	ND	0.500	"								
Bromobenzene	ND	0.500	"								
Bromochloromethane	ND	0.500	"								
Bromodichloromethane	ND	0.500	"								
Bromoform	ND	0.500	"								
Bromomethane	ND	0.500	"								
Carbon disulfide	ND	0.500	"								
Carbon tetrachloride	ND	0.500	"								
Chlorobenzene	ND	0.500	"								
Chloroethane	ND	0.500	"								
Chloroform	ND	0.500	"								
Chloromethane	ND	0.500	"								
cis-1,2-Dichloroethylene	ND	0.500	"								
cis-1,3-Dichloropropylene	ND	0.500	"								
Dibromochloromethane	ND	0.500	"								
Dibromomethane	ND	0.500	"								
Dichlorodifluoromethane	ND	0.500	"								
Ethyl Benzene	ND	0.500	"								
Hexachlorobutadiene	ND	0.500	"								
Isopropylbenzene	ND	0.500	"								
Methyl Methacrylate	ND	0.500	"								
Methyl tert-butyl ether (MTBE)	ND	0.500	"								
Methylene chloride	ND	2.00	"								
Naphthalene	ND	2.00	"								
n-Butylbenzene	ND	0.500	"								
n-Propylbenzene	ND	0.500	"								
o-Xylene	ND	0.500	"								
p- & m- Xylenes	ND	1.00	"								
p-Isopropyltoluene	ND	0.500	"								
sec-Butylbenzene	ND	0.500	"								
Styrene	ND	0.500	"								
tert-Butylbenzene	ND	0.500	"								
Tetrachloroethylene	ND	0.500	"								
Tetrahydrofuran	ND	4.00	"								
Toluene	ND	0.500	"								
trans-1,2-Dichloroethylene	ND	0.500	"								
trans-1,3-Dichloropropylene	ND	0.500	"								
trans-1,4-dichloro-2-butene	ND	0.500	"								
Trichloroethylene	ND	0.500	"								
Trichlorofluoromethane	ND	0.500	"								
Vinyl Chloride	ND	0.500	"								
Surrogate: SURR: 1,2-Dichloroethane-d4	*9.98*		*"*	*10.0*		*99.8*	*70-130*				
Surrogate: SURR: Toluene-d8	*10.0*		*"*	*10.0*		*100*	*70-130*				
Surrogate: SURR: p-Bromofluorobenzene	*10.1*		*"*	*10.0*		*101*	*70-130*				

Prepared & Analyzed: 09/21/2023

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BI31340 - EPA 5030B											
LCS (BI31340-BS1)								Prepared & Analyzed: 09/21/2023			
1,1,1,2-Tetrachloroethane	9.47		ug/L	10.0		94.7	70-130				
1,1,1-Trichloroethane	9.89		"	10.0		98.9	70-130				
1,1,2,2-Tetrachloroethane	10.4		"	10.0		104	70-130				
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	10.4		"	10.0		104	70-130				
1,1,2-Trichloroethane	9.32		"	10.0		93.2	70-130				
1,1-Dichloroethane	9.12		"	10.0		91.2	70-130				
1,1-Dichloroethylene	9.86		"	10.0		98.6	70-130				
1,1-Dichloropropylene	9.40		"	10.0		94.0	70-130				
1,2,3-Trichlorobenzene	8.69		"	10.0		86.9	70-130				
1,2,3-Trichloropropane	9.52		"	10.0		95.2	70-130				
1,2,4-Trichlorobenzene	8.83		"	10.0		88.3	70-130				
1,2,4-Trimethylbenzene	9.38		"	10.0		93.8	70-130				
1,2-Dibromo-3-chloropropane	8.02		"	10.0		80.2	70-130				
1,2-Dibromoethane	9.52		"	10.0		95.2	70-130				
1,2-Dichlorobenzene	9.44		"	10.0		94.4	70-130				
1,2-Dichloroethane	9.26		"	10.0		92.6	70-130				
1,2-Dichloropropane	9.44		"	10.0		94.4	70-130				
1,3,5-Trimethylbenzene	9.18		"	10.0		91.8	70-130				
1,3-Dichlorobenzene	9.28		"	10.0		92.8	70-130				
1,3-Dichloropropane	9.29		"	10.0		92.9	70-130				
1,4-Dichlorobenzene	9.27		"	10.0		92.7	70-130				
2,2-Dichloropropane	10.6		"	10.0		106	70-130				
2-Butanone	8.08		"	10.0		80.8	70-130				
2-Chlorotoluene	9.34		"	10.0		93.4	70-130				
2-Hexanone	8.15		"	10.0		81.5	70-130				
4-Chlorotoluene	9.46		"	10.0		94.6	70-130				
4-Methyl-2-pentanone	8.78		"	10.0		87.8	70-130				
Acetone	14.8		"	10.0		148	70-130	High Bias			
Acrylonitrile	9.59		"	10.0		95.9	70-130				
Benzene	9.80		"	10.0		98.0	70-130				
Bromobenzene	9.18		"	10.0		91.8	70-130				
Bromochloromethane	9.44		"	10.0		94.4	70-130				
Bromodichloromethane	9.31		"	10.0		93.1	70-130				
Bromoform	8.13		"	10.0		81.3	70-130				
Bromomethane	5.53		"	10.0		55.3	70-130	Low Bias			
Carbon disulfide	10.6		"	10.0		106	70-130				
Carbon tetrachloride	10.2		"	10.0		102	70-130				
Chlorobenzene	9.96		"	10.0		99.6	70-130				
Chloroethane	10.0		"	10.0		100	70-130				
Chloroform	9.49		"	10.0		94.9	70-130				
Chloromethane	9.19		"	10.0		91.9	70-130				
cis-1,2-Dichloroethylene	9.45		"	10.0		94.5	70-130				
cis-1,3-Dichloropropylene	9.21		"	10.0		92.1	70-130				
Dibromochloromethane	8.34		"	10.0		83.4	70-130				
Dibromomethane	9.24		"	10.0		92.4	70-130				
Dichlorodifluoromethane	10.8		"	10.0		108	70-130				
Ethyl Benzene	9.52		"	10.0		95.2	70-130				
Hexachlorobutadiene	9.07		"	10.0		90.7	70-130				
Isopropylbenzene	9.68		"	10.0		96.8	70-130				
Methyl Methacrylate	8.02		"	10.0		80.2	70-130				
Methyl tert-butyl ether (MTBE)	9.39		"	10.0		93.9	70-130				

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BI31340 - EPA 5030B											
LCS (BI31340-BS1)								Prepared & Analyzed: 09/21/2023			
Methylene chloride	9.13		ug/L	10.0		91.3	70-130				
Naphthalene	9.14		"	10.0		91.4	70-130				
n-Butylbenzene	9.26		"	10.0		92.6	70-130				
n-Propylbenzene	9.49		"	10.0		94.9	70-130				
o-Xylene	9.37		"	10.0		93.7	70-130				
p- & m- Xylenes	19.5		"	20.0		97.4	70-130				
p-Isopropyltoluene	9.29		"	10.0		92.9	70-130				
sec-Butylbenzene	9.38		"	10.0		93.8	70-130				
Styrene	9.62		"	10.0		96.2	70-130				
tert-Butylbenzene	9.37		"	10.0		93.7	70-130				
Tetrachloroethylene	5.31		"	10.0		53.1	70-130	Low Bias			
Tetrahydrofuran	8.44		"	10.0		84.4	70-130				
Toluene	9.53		"	10.0		95.3	70-130				
trans-1,2-Dichloroethylene	9.60		"	10.0		96.0	70-130				
trans-1,3-Dichloropropylene	9.10		"	10.0		91.0	70-130				
trans-1,4-dichloro-2-butene	8.96		"	10.0		89.6	70-130				
Trichloroethylene	8.93		"	10.0		89.3	70-130				
Trichlorofluoromethane	10.6		"	10.0		106	70-130				
Vinyl Chloride	9.91		"	10.0		99.1	70-130				
Surrogate: SURR: 1,2-Dichloroethane-d4	*9.75*		*"*	*10.0*		*97.5*	*70-130*				
Surrogate: SURR: Toluene-d8	*9.96*		*"*	*10.0*		*99.6*	*70-130*				
Surrogate: SURR: p-Bromofluorobenzene	*9.80*		*"*	*10.0*		*98.0*	*70-130*				
LCS Dup (BI31340-BSD1)								Prepared & Analyzed: 09/21/2023			
1,1,1,2-Tetrachloroethane	9.50		ug/L	10.0		95.0	70-130		0.316	30	
1,1,1-Trichloroethane	9.31		"	10.0		93.1	70-130		6.04	30	
1,1,2,2-Tetrachloroethane	10.7		"	10.0		107	70-130		2.46	30	
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	9.93		"	10.0		99.3	70-130		4.72	30	
1,1,2-Trichloroethane	9.56		"	10.0		95.6	70-130		2.54	30	
1,1-Dichloroethane	8.77		"	10.0		87.7	70-130		3.91	30	
1,1-Dichloroethylene	9.22		"	10.0		92.2	70-130		6.71	30	
1,1-Dichloropropylene	8.82		"	10.0		88.2	70-130		6.37	30	
1,2,3-Trichlorobenzene	9.21		"	10.0		92.1	70-130		5.81	30	
1,2,3-Trichloropropane	9.77		"	10.0		97.7	70-130		2.59	30	
1,2,4-Trichlorobenzene	9.08		"	10.0		90.8	70-130		2.79	30	
1,2,4-Trimethylbenzene	9.19		"	10.0		91.9	70-130		2.05	30	
1,2-Dibromo-3-chloropropane	8.52		"	10.0		85.2	70-130		6.05	30	
1,2-Dibromoethane	9.86		"	10.0		98.6	70-130		3.51	30	
1,2-Dichlorobenzene	9.39		"	10.0		93.9	70-130		0.531	30	
1,2-Dichloroethane	9.32		"	10.0		93.2	70-130		0.646	30	
1,2-Dichloropropane	9.28		"	10.0		92.8	70-130		1.71	30	
1,3,5-Trimethylbenzene	8.96		"	10.0		89.6	70-130		2.43	30	
1,3-Dichlorobenzene	9.16		"	10.0		91.6	70-130		1.30	30	
1,3-Dichloropropane	9.49		"	10.0		94.9	70-130		2.13	30	
1,4-Dichlorobenzene	9.14		"	10.0		91.4	70-130		1.41	30	
2,2-Dichloropropane	9.89		"	10.0		98.9	70-130		6.65	30	
2-Butanone	8.05		"	10.0		80.5	70-130		0.372	30	
2-Chlorotoluene	9.13		"	10.0		91.3	70-130		2.27	30	
2-Hexanone	8.61		"	10.0		86.1	70-130		5.49	30	
4-Chlorotoluene	9.19		"	10.0		91.9	70-130		2.90	30	
4-Methyl-2-pentanone	9.34		"	10.0		93.4	70-130		6.18	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 BI31340 - EPA 5030B											
LCS Dup (BI31340-BSD1)								Prepared & Analyzed: 09/21/2023			
Acetone	15.6		ug/L	10.0		156	70-130	High Bias	4.87	30	
Acrylonitrile	10.0		"	10.0		100	70-130		4.39	30	
Benzene	9.40		"	10.0		94.0	70-130		4.17	30	
Bromobenzene	8.95		"	10.0		89.5	70-130		2.54	30	
Bromochloromethane	9.24		"	10.0		92.4	70-130		2.14	30	
Bromodichloromethane	9.34		"	10.0		93.4	70-130		0.322	30	
Bromoform	8.49		"	10.0		84.9	70-130		4.33	30	
Bromomethane	5.61		"	10.0		56.1	70-130	Low Bias	1.44	30	
Carbon disulfide	9.84		"	10.0		98.4	70-130		7.91	30	
Carbon tetrachloride	9.54		"	10.0		95.4	70-130		6.20	30	
Chlorobenzene	9.82		"	10.0		98.2	70-130		1.42	30	
Chloroethane	9.64		"	10.0		96.4	70-130		3.87	30	
Chloroform	9.19		"	10.0		91.9	70-130		3.21	30	
Chloromethane	8.49		"	10.0		84.9	70-130		7.92	30	
cis-1,2-Dichloroethylene	9.10		"	10.0		91.0	70-130		3.77	30	
cis-1,3-Dichloropropylene	9.31		"	10.0		93.1	70-130		1.08	30	
Dibromochloromethane	8.51		"	10.0		85.1	70-130		2.02	30	
Dibromomethane	9.47		"	10.0		94.7	70-130		2.46	30	
Dichlorodifluoromethane	9.92		"	10.0		99.2	70-130		8.12	30	
Ethyl Benzene	9.31		"	10.0		93.1	70-130		2.23	30	
Hexachlorobutadiene	8.93		"	10.0		89.3	70-130		1.56	30	
Isopropylbenzene	9.32		"	10.0		93.2	70-130		3.79	30	
Methyl Methacrylate	8.35		"	10.0		83.5	70-130		4.03	30	
Methyl tert-butyl ether (MTBE)	9.57		"	10.0		95.7	70-130		1.90	30	
Methylene chloride	8.99		"	10.0		89.9	70-130		1.55	30	
Naphthalene	9.84		"	10.0		98.4	70-130		7.38	30	
n-Butylbenzene	9.20		"	10.0		92.0	70-130		0.650	30	
n-Propylbenzene	9.24		"	10.0		92.4	70-130		2.67	30	
o-Xylene	9.29		"	10.0		92.9	70-130		0.857	30	
p- & m- Xylenes	19.1		"	20.0		95.4	70-130		2.02	30	
p-Isopropyltoluene	9.18		"	10.0		91.8	70-130		1.19	30	
sec-Butylbenzene	9.22		"	10.0		92.2	70-130		1.72	30	
Styrene	9.59		"	10.0		95.9	70-130		0.312	30	
tert-Butylbenzene	9.16		"	10.0		91.6	70-130		2.27	30	
Tetrachloroethylene	5.09		"	10.0		50.9	70-130	Low Bias	4.23	30	
Tetrahydrofuran	8.99		"	10.0		89.9	70-130		6.31	30	
Toluene	9.29		"	10.0		92.9	70-130		2.55	30	
trans-1,2-Dichloroethylene	8.99		"	10.0		89.9	70-130		6.56	30	
trans-1,3-Dichloropropylene	9.29		"	10.0		92.9	70-130		2.07	30	
trans-1,4-dichloro-2-butene	8.75		"	10.0		87.5	70-130		2.37	30	
Trichloroethylene	8.69		"	10.0		86.9	70-130		2.72	30	
Trichlorofluoromethane	10.0		"	10.0		100	70-130		6.10	30	
Vinyl Chloride	9.27		"	10.0		92.7	70-130		6.67	30	
Surrogate: SURR: 1,2-Dichloroethane-d4	*9.92*		*"*	*10.0*		*99.2*	*70-130*				
Surrogate: SURR: Toluene-d8	*10.0*		*"*	*10.0*		*100*	*70-130*				
Surrogate: SURR: p-Bromofluorobenzene	*9.70*		*"*	*10.0*		*97.0*	*70-130*				

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BI31341 - EPA 5030B											
Blank (BI31341-BLK1)									Prepared & Analyzed: 09/21/2023		
1,1,1,2-Tetrachloroethane	ND	0.500	ug/L								
1,1,1-Trichloroethane	ND	0.500	"								
1,1,2,2-Tetrachloroethane	ND	0.500	"								
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	0.500	"								
1,1,2-Trichloroethane	ND	0.500	"								
1,1-Dichloroethane	ND	0.500	"								
1,1-Dichloroethylene	ND	0.500	"								
1,1-Dichloropropylene	ND	0.500	"								
1,2,3-Trichlorobenzene	ND	0.500	"								
1,2,3-Trichloropropane	ND	0.500	"								
1,2,4-Trichlorobenzene	ND	0.500	"								
1,2,4-Trimethylbenzene	ND	0.500	"								
1,2-Dibromo-3-chloropropane	ND	0.500	"								
1,2-Dibromoethane	ND	0.500	"								
1,2-Dichlorobenzene	ND	0.500	"								
1,2-Dichloroethane	ND	0.500	"								
1,2-Dichloropropane	ND	0.500	"								
1,3,5-Trimethylbenzene	ND	0.500	"								
1,3-Dichlorobenzene	ND	0.500	"								
1,3-Dichloropropane	ND	0.500	"								
1,4-Dichlorobenzene	ND	0.500	"								
2,2-Dichloropropane	ND	0.500	"								
2-Butanone	ND	0.500	"								
2-Chlorotoluene	ND	0.500	"								
2-Hexanone	ND	0.500	"								
4-Chlorotoluene	ND	0.500	"								
4-Methyl-2-pentanone	ND	0.500	"								
Acetone	ND	2.00	"								
Acrylonitrile	ND	0.500	"								
Benzene	ND	0.500	"								
Bromobenzene	ND	0.500	"								
Bromochloromethane	ND	0.500	"								
Bromodichloromethane	ND	0.500	"								
Bromoform	ND	0.500	"								
Bromomethane	ND	0.500	"								
Carbon disulfide	ND	0.500	"								
Carbon tetrachloride	ND	0.500	"								
Chlorobenzene	ND	0.500	"								
Chloroethane	ND	0.500	"								
Chloroform	ND	0.500	"								
Chloromethane	ND	0.500	"								
cis-1,2-Dichloroethylene	ND	0.500	"								
cis-1,3-Dichloropropylene	ND	0.500	"								
Dibromochloromethane	ND	0.500	"								
Dibromomethane	ND	0.500	"								
Dichlorodifluoromethane	ND	0.500	"								
Ethyl Benzene	ND	0.500	"								
Hexachlorobutadiene	ND	0.500	"								
Isopropylbenzene	ND	0.500	"								
Methyl Methacrylate	ND	0.500	"								
Methyl tert-butyl ether (MTBE)	ND	0.500	"								

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BI31341 - EPA 5030B											
Blank (BI31341-BLK1)								Prepared & Analyzed: 09/21/2023			
Methylene chloride	ND	2.00	ug/L								
Naphthalene	ND	2.00	"								
n-Butylbenzene	ND	0.500	"								
n-Propylbenzene	ND	0.500	"								
o-Xylene	ND	0.500	"								
p- & m- Xylenes	ND	1.00	"								
p-Isopropyltoluene	ND	0.500	"								
sec-Butylbenzene	ND	0.500	"								
Styrene	ND	0.500	"								
tert-Butylbenzene	ND	0.500	"								
Tetrachloroethylene	ND	0.500	"								
Tetrahydrofuran	ND	4.00	"								
Toluene	ND	0.500	"								
trans-1,2-Dichloroethylene	ND	0.500	"								
trans-1,3-Dichloropropylene	ND	0.500	"								
trans-1,4-dichloro-2-butene	ND	0.500	"								
Trichloroethylene	ND	0.500	"								
Trichlorofluoromethane	ND	0.500	"								
Vinyl Chloride	ND	0.500	"								
Surrogate: SURR: 1,2-Dichloroethane-d4	*10.6*		*"*	*10.0*		*106*	*70-130*				
Surrogate: SURR: Toluene-d8	*9.43*		*"*	*10.0*		*94.3*	*70-130*				
Surrogate: SURR: p-Bromofluorobenzene	*9.46*		*"*	*10.0*		*94.6*	*70-130*				
LCS (BI31341-BS1)								Prepared & Analyzed: 09/21/2023			
1,1,1,2-Tetrachloroethane	9.36		ug/L	10.0		93.6	70-130				
1,1,1-Trichloroethane	9.89		"	10.0		98.9	70-130				
1,1,2,2-Tetrachloroethane	8.75		"	10.0		87.5	70-130				
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	10.3		"	10.0		103	70-130				
1,1,2-Trichloroethane	8.81		"	10.0		88.1	70-130				
1,1-Dichloroethane	8.92		"	10.0		89.2	70-130				
1,1-Dichloroethylene	9.60		"	10.0		96.0	70-130				
1,1-Dichloropropylene	9.54		"	10.0		95.4	70-130				
1,2,3-Trichlorobenzene	10.6		"	10.0		106	70-130				
1,2,3-Trichloropropane	8.41		"	10.0		84.1	70-130				
1,2,4-Trichlorobenzene	10.3		"	10.0		103	70-130				
1,2,4-Trimethylbenzene	8.83		"	10.0		88.3	70-130				
1,2-Dibromo-3-chloropropane	8.39		"	10.0		83.9	70-130				
1,2-Dibromoethane	9.28		"	10.0		92.8	70-130				
1,2-Dichlorobenzene	8.78		"	10.0		87.8	70-130				
1,2-Dichloroethane	9.62		"	10.0		96.2	70-130				
1,2-Dichloropropane	9.09		"	10.0		90.9	70-130				
1,3,5-Trimethylbenzene	8.59		"	10.0		85.9	70-130				
1,3-Dichlorobenzene	8.79		"	10.0		87.9	70-130				
1,3-Dichloropropane	9.37		"	10.0		93.7	70-130				
1,4-Dichlorobenzene	8.72		"	10.0		87.2	70-130				
2,2-Dichloropropane	10.1		"	10.0		101	70-130				
2-Butanone	9.27		"	10.0		92.7	70-130				
2-Chlorotoluene	8.68		"	10.0		86.8	70-130				
2-Hexanone	7.54		"	10.0		75.4	70-130				
4-Chlorotoluene	8.71		"	10.0		87.1	70-130				
4-Methyl-2-pentanone	6.65		"	10.0		66.5	70-130	Low Bias			

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 BI31341 - EPA 5030B											
LCS (BI31341-BS1)								Prepared & Analyzed: 09/21/2023			
Acetone	16.0		ug/L	10.0		160	70-130	High Bias			
Acrylonitrile	9.41		"	10.0		94.1	70-130				
Benzene	9.37		"	10.0		93.7	70-130				
Bromobenzene	8.47		"	10.0		84.7	70-130				
Bromochloromethane	9.43		"	10.0		94.3	70-130				
Bromodichloromethane	9.31		"	10.0		93.1	70-130				
Bromoform	9.71		"	10.0		97.1	70-130				
Bromomethane	7.28		"	10.0		72.8	70-130				
Carbon disulfide	9.91		"	10.0		99.1	70-130				
Carbon tetrachloride	10.2		"	10.0		102	70-130				
Chlorobenzene	9.49		"	10.0		94.9	70-130				
Chloroethane	9.20		"	10.0		92.0	70-130				
Chloroform	9.51		"	10.0		95.1	70-130				
Chloromethane	8.87		"	10.0		88.7	70-130				
cis-1,2-Dichloroethylene	9.37		"	10.0		93.7	70-130				
cis-1,3-Dichloropropylene	8.99		"	10.0		89.9	70-130				
Dibromochloromethane	9.46		"	10.0		94.6	70-130				
Dibromomethane	8.99		"	10.0		89.9	70-130				
Dichlorodifluoromethane	10.4		"	10.0		104	70-130				
Ethyl Benzene	9.01		"	10.0		90.1	70-130				
Hexachlorobutadiene	10.3		"	10.0		103	70-130				
Isopropylbenzene	8.77		"	10.0		87.7	70-130				
Methyl Methacrylate	8.52		"	10.0		85.2	70-130				
Methyl tert-butyl ether (MTBE)	9.59		"	10.0		95.9	70-130				
Methylene chloride	8.32		"	10.0		83.2	70-130				
Naphthalene	10.4		"	10.0		104	70-130				
n-Butylbenzene	9.05		"	10.0		90.5	70-130				
n-Propylbenzene	8.72		"	10.0		87.2	70-130				
o-Xylene	9.10		"	10.0		91.0	70-130				
p- & m- Xylenes	18.5		"	20.0		92.6	70-130				
p-Isopropyltoluene	9.01		"	10.0		90.1	70-130				
sec-Butylbenzene	8.96		"	10.0		89.6	70-130				
Styrene	9.43		"	10.0		94.3	70-130				
tert-Butylbenzene	8.59		"	10.0		85.9	70-130				
Tetrachloroethylene	5.81		"	10.0		58.1	70-130	Low Bias			
Tetrahydrofuran	9.14		"	10.0		91.4	70-130				
Toluene	8.99		"	10.0		89.9	70-130				
trans-1,2-Dichloroethylene	9.35		"	10.0		93.5	70-130				
trans-1,3-Dichloropropylene	9.10		"	10.0		91.0	70-130				
trans-1,4-dichloro-2-butene	9.77		"	10.0		97.7	70-130				
Trichloroethylene	9.08		"	10.0		90.8	70-130				
Trichlorofluoromethane	10.2		"	10.0		102	70-130				
Vinyl Chloride	9.39		"	10.0		93.9	70-130				
Surrogate: SURR: 1,2-Dichloroethane-d4	*10.2*		*"*	*10.0*		*102*	*70-130*				
Surrogate: SURR: Toluene-d8	*9.76*		*"*	*10.0*		*97.6*	*70-130*				
Surrogate: SURR: p-Bromofluorobenzene	*9.34*		*"*	*10.0*		*93.4*	*70-130*				

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BI31341 - EPA 5030B											
LCS Dup (BI31341-BSD1)								Prepared & Analyzed: 09/21/2023			
1,1,1,2-Tetrachloroethane	9.33		ug/L	10.0		93.3	70-130		0.321	30	
1,1,1-Trichloroethane	9.50		"	10.0		95.0	70-130		4.02	30	
1,1,2,2-Tetrachloroethane	9.24		"	10.0		92.4	70-130		5.45	30	
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	9.87		"	10.0		98.7	70-130		4.36	30	
1,1,2-Trichloroethane	9.22		"	10.0		92.2	70-130		4.55	30	
1,1-Dichloroethane	8.70		"	10.0		87.0	70-130		2.50	30	
1,1-Dichloroethylene	9.17		"	10.0		91.7	70-130		4.58	30	
1,1-Dichloropropylene	9.05		"	10.0		90.5	70-130		5.27	30	
1,2,3-Trichlorobenzene	12.1		"	10.0		121	70-130		13.8	30	
1,2,3-Trichloropropane	9.03		"	10.0		90.3	70-130		7.11	30	
1,2,4-Trichlorobenzene	10.5		"	10.0		105	70-130		2.22	30	
1,2,4-Trimethylbenzene	8.52		"	10.0		85.2	70-130		3.57	30	
1,2-Dibromo-3-chloropropane	9.47		"	10.0		94.7	70-130		12.1	30	
1,2-Dibromoethane	9.58		"	10.0		95.8	70-130		3.18	30	
1,2-Dichlorobenzene	9.02		"	10.0		90.2	70-130		2.70	30	
1,2-Dichloroethane	9.82		"	10.0		98.2	70-130		2.06	30	
1,2-Dichloropropane	9.04		"	10.0		90.4	70-130		0.552	30	
1,3,5-Trimethylbenzene	8.31		"	10.0		83.1	70-130		3.31	30	
1,3-Dichlorobenzene	8.67		"	10.0		86.7	70-130		1.37	30	
1,3-Dichloropropane	9.49		"	10.0		94.9	70-130		1.27	30	
1,4-Dichlorobenzene	8.67		"	10.0		86.7	70-130		0.575	30	
2,2-Dichloropropane	9.88		"	10.0		98.8	70-130		1.90	30	
2-Butanone	9.73		"	10.0		97.3	70-130		4.84	30	
2-Chlorotoluene	8.39		"	10.0		83.9	70-130		3.40	30	
2-Hexanone	8.32		"	10.0		83.2	70-130		9.84	30	
4-Chlorotoluene	8.52		"	10.0		85.2	70-130		2.21	30	
4-Methyl-2-pentanone	7.26		"	10.0		72.6	70-130		8.77	30	
Acetone	19.1		"	10.0		191	70-130	High Bias	17.9	30	
Acrylonitrile	9.60		"	10.0		96.0	70-130		2.00	30	
Benzene	9.26		"	10.0		92.6	70-130		1.18	30	
Bromobenzene	8.42		"	10.0		84.2	70-130		0.592	30	
Bromochloromethane	9.30		"	10.0		93.0	70-130		1.39	30	
Bromodichloromethane	9.37		"	10.0		93.7	70-130		0.642	30	
Bromoform	10.0		"	10.0		100	70-130		3.04	30	
Bromomethane	7.06		"	10.0		70.6	70-130		3.07	30	
Carbon disulfide	9.49		"	10.0		94.9	70-130		4.33	30	
Carbon tetrachloride	9.80		"	10.0		98.0	70-130		3.80	30	
Chlorobenzene	9.37		"	10.0		93.7	70-130		1.27	30	
Chloroethane	9.06		"	10.0		90.6	70-130		1.53	30	
Chloroform	9.39		"	10.0		93.9	70-130		1.27	30	
Chloromethane	8.62		"	10.0		86.2	70-130		2.86	30	
cis-1,2-Dichloroethylene	9.12		"	10.0		91.2	70-130		2.70	30	
cis-1,3-Dichloropropylene	8.91		"	10.0		89.1	70-130		0.894	30	
Dibromochloromethane	9.77		"	10.0		97.7	70-130		3.22	30	
Dibromomethane	9.25		"	10.0		92.5	70-130		2.85	30	
Dichlorodifluoromethane	10.0		"	10.0		100	70-130		3.91	30	
Ethyl Benzene	8.75		"	10.0		87.5	70-130		2.93	30	
Hexachlorobutadiene	9.97		"	10.0		99.7	70-130		3.16	30	
Isopropylbenzene	8.41		"	10.0		84.1	70-130		4.19	30	
Methyl Methacrylate	9.09		"	10.0		90.9	70-130		6.47	30	
Methyl tert-butyl ether (MTBE)	10.1		"	10.0		101	70-130		5.58	30	

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BI31341 - EPA 5030B											
LCS Dup (BI31341-BSD1)								Prepared & Analyzed: 09/21/2023			
Methylene chloride	8.38		ug/L	10.0		83.8	70-130		0.719	30	
Naphthalene	11.4		"	10.0		114	70-130		9.53	30	
n-Butylbenzene	8.76		"	10.0		87.6	70-130		3.26	30	
n-Propylbenzene	8.35		"	10.0		83.5	70-130		4.34	30	
o-Xylene	8.85		"	10.0		88.5	70-130		2.79	30	
p- & m- Xylenes	17.8		"	20.0		89.2	70-130		3.68	30	
p-Isopropyltoluene	8.76		"	10.0		87.6	70-130		2.81	30	
sec-Butylbenzene	8.59		"	10.0		85.9	70-130		4.22	30	
Styrene	9.27		"	10.0		92.7	70-130		1.71	30	
tert-Butylbenzene	8.29		"	10.0		82.9	70-130		3.55	30	
Tetrachloroethylene	5.54		"	10.0		55.4	70-130	Low Bias	4.76	30	
Tetrahydrofuran	9.57		"	10.0		95.7	70-130		4.60	30	
Toluene	8.71		"	10.0		87.1	70-130		3.16	30	
trans-1,2-Dichloroethylene	9.01		"	10.0		90.1	70-130		3.70	30	
trans-1,3-Dichloropropylene	9.32		"	10.0		93.2	70-130		2.39	30	
trans-1,4-dichloro-2-butene	10.2		"	10.0		102	70-130		4.50	30	
Trichloroethylene	8.79		"	10.0		87.9	70-130		3.25	30	
Trichlorofluoromethane	9.80		"	10.0		98.0	70-130		4.29	30	
Vinyl Chloride	9.04		"	10.0		90.4	70-130		3.80	30	
Surrogate: SURR: 1,2-Dichloroethane-d4	*10.3*		*"*	*10.0*		*103*	*70-130*				
Surrogate: SURR: Toluene-d8	*9.55*		*"*	*10.0*		*95.5*	*70-130*				
Surrogate: SURR: p-Bromofluorobenzene	*9.34*		*"*	*10.0*		*93.4*	*70-130*				
Batch BI31420 - EPA 5030B											
Blank (BI31420-BLK1)								Prepared & Analyzed: 09/22/2023			
1,1,1,2-Tetrachloroethane	ND	0.500	ug/L								
1,1,1-Trichloroethane	ND	0.500	"								
1,1,2,2-Tetrachloroethane	ND	0.500	"								
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	0.500	"								
1,1,2-Trichloroethane	ND	0.500	"								
1,1-Dichloroethane	ND	0.500	"								
1,1-Dichloroethylene	ND	0.500	"								
1,1-Dichloropropylene	ND	0.500	"								
1,2,3-Trichlorobenzene	ND	0.500	"								
1,2,3-Trichloropropane	ND	0.500	"								
1,2,4-Trichlorobenzene	ND	0.500	"								
1,2,4-Trimethylbenzene	ND	0.500	"								
1,2-Dibromo-3-chloropropane	ND	0.500	"								
1,2-Dibromoethane	ND	0.500	"								
1,2-Dichlorobenzene	ND	0.500	"								
1,2-Dichloroethane	ND	0.500	"								
1,2-Dichloropropane	ND	0.500	"								
1,3,5-Trimethylbenzene	ND	0.500	"								
1,3-Dichlorobenzene	ND	0.500	"								
1,3-Dichloropropane	ND	0.500	"								
1,4-Dichlorobenzene	ND	0.500	"								
2,2-Dichloropropane	ND	0.500	"								
2-Butanone	ND	0.500	"								
2-Chlorotoluene	ND	0.500	"								
2-Hexanone	ND	0.500	"								

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 BI31420 - EPA 5030B											
Blank (BI31420-BLK1)											Prepared & Analyzed: 09/22/2023
4-Chlorotoluene	ND	0.500	ug/L								
4-Methyl-2-pentanone	ND	0.500	"								
Acetone	ND	2.00	"								
Acrylonitrile	ND	0.500	"								
Benzene	ND	0.500	"								
Bromobenzene	ND	0.500	"								
Bromochloromethane	ND	0.500	"								
Bromodichloromethane	ND	0.500	"								
Bromoform	ND	0.500	"								
Bromomethane	ND	0.500	"								
Carbon disulfide	ND	0.500	"								
Carbon tetrachloride	ND	0.500	"								
Chlorobenzene	ND	0.500	"								
Chloroethane	ND	0.500	"								
Chloroform	ND	0.500	"								
Chloromethane	ND	0.500	"								
cis-1,2-Dichloroethylene	ND	0.500	"								
cis-1,3-Dichloropropylene	ND	0.500	"								
Dibromochloromethane	ND	0.500	"								
Dibromomethane	ND	0.500	"								
Dichlorodifluoromethane	ND	0.500	"								
Ethyl Benzene	ND	0.500	"								
Hexachlorobutadiene	ND	0.500	"								
Isopropylbenzene	ND	0.500	"								
Methyl Methacrylate	ND	0.500	"								
Methyl tert-butyl ether (MTBE)	ND	0.500	"								
Methylene chloride	ND	2.00	"								
Naphthalene	ND	2.00	"								
n-Butylbenzene	ND	0.500	"								
n-Propylbenzene	ND	0.500	"								
o-Xylene	ND	0.500	"								
p- & m- Xylenes	ND	1.00	"								
p-Isopropyltoluene	ND	0.500	"								
sec-Butylbenzene	ND	0.500	"								
Styrene	ND	0.500	"								
tert-Butylbenzene	ND	0.500	"								
Tetrachloroethylene	ND	0.500	"								
Tetrahydrofuran	ND	4.00	"								
Toluene	ND	0.500	"								
trans-1,2-Dichloroethylene	ND	0.500	"								
trans-1,3-Dichloropropylene	ND	0.500	"								
trans-1,4-dichloro-2-butene	ND	0.500	"								
Trichloroethylene	ND	0.500	"								
Trichlorofluoromethane	ND	0.500	"								
Vinyl Chloride	ND	0.500	"								
Surrogate: SURR: 1,2-Dichloroethane-d4	*9.77*		*"*	*10.0*		*97.7*	*70-130*				
Surrogate: SURR: Toluene-d8	*10.0*		*"*	*10.0*		*100*	*70-130*				
Surrogate: SURR: p-Bromofluorobenzene	*10.2*		*"*	*10.0*		*102*	*70-130*				

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BI31420 - EPA 5030B											
LCS (BI31420-BS1)								Prepared & Analyzed: 09/22/2023			
1,1,1,2-Tetrachloroethane	9.70		ug/L	10.0		97.0	70-130				
1,1,1-Trichloroethane	9.39		"	10.0		93.9	70-130				
1,1,2,2-Tetrachloroethane	10.8		"	10.0		108	70-130				
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	9.12		"	10.0		91.2	70-130				
1,1,2-Trichloroethane	9.57		"	10.0		95.7	70-130				
1,1-Dichloroethane	9.02		"	10.0		90.2	70-130				
1,1-Dichloroethylene	9.12		"	10.0		91.2	70-130				
1,1-Dichloropropylene	8.83		"	10.0		88.3	70-130				
1,2,3-Trichlorobenzene	8.84		"	10.0		88.4	70-130				
1,2,3-Trichloropropane	9.88		"	10.0		98.8	70-130				
1,2,4-Trichlorobenzene	9.02		"	10.0		90.2	70-130				
1,2,4-Trimethylbenzene	9.43		"	10.0		94.3	70-130				
1,2-Dibromo-3-chloropropane	8.25		"	10.0		82.5	70-130				
1,2-Dibromoethane	9.82		"	10.0		98.2	70-130				
1,2-Dichlorobenzene	9.63		"	10.0		96.3	70-130				
1,2-Dichloroethane	9.34		"	10.0		93.4	70-130				
1,2-Dichloropropane	9.56		"	10.0		95.6	70-130				
1,3,5-Trimethylbenzene	9.12		"	10.0		91.2	70-130				
1,3-Dichlorobenzene	9.46		"	10.0		94.6	70-130				
1,3-Dichloropropane	9.55		"	10.0		95.5	70-130				
1,4-Dichlorobenzene	9.45		"	10.0		94.5	70-130				
2,2-Dichloropropane	10.1		"	10.0		101	70-130				
2-Butanone	7.95		"	10.0		79.5	70-130				
2-Chlorotoluene	9.39		"	10.0		93.9	70-130				
2-Hexanone	8.41		"	10.0		84.1	70-130				
4-Chlorotoluene	9.59		"	10.0		95.9	70-130				
4-Methyl-2-pentanone	9.14		"	10.0		91.4	70-130				
Acetone	15.1		"	10.0		151	70-130	High Bias			
Acrylonitrile	9.68		"	10.0		96.8	70-130				
Benzene	9.71		"	10.0		97.1	70-130				
Bromobenzene	9.37		"	10.0		93.7	70-130				
Bromochloromethane	9.64		"	10.0		96.4	70-130				
Bromodichloromethane	9.53		"	10.0		95.3	70-130				
Bromoform	8.49		"	10.0		84.9	70-130				
Bromomethane	6.06		"	10.0		60.6	70-130	Low Bias			
Carbon disulfide	9.81		"	10.0		98.1	70-130				
Carbon tetrachloride	9.41		"	10.0		94.1	70-130				
Chlorobenzene	10.1		"	10.0		101	70-130				
Chloroethane	9.33		"	10.0		93.3	70-130				
Chloroform	9.47		"	10.0		94.7	70-130				
Chloromethane	8.89		"	10.0		88.9	70-130				
cis-1,2-Dichloroethylene	9.38		"	10.0		93.8	70-130				
cis-1,3-Dichloropropylene	9.52		"	10.0		95.2	70-130				
Dibromochloromethane	8.53		"	10.0		85.3	70-130				
Dibromomethane	9.47		"	10.0		94.7	70-130				
Dichlorodifluoromethane	8.39		"	10.0		83.9	70-130				
Ethyl Benzene	9.42		"	10.0		94.2	70-130				
Hexachlorobutadiene	8.60		"	10.0		86.0	70-130				
Isopropylbenzene	9.46		"	10.0		94.6	70-130				
Methyl Methacrylate	8.28		"	10.0		82.8	70-130				
Methyl tert-butyl ether (MTBE)	9.60		"	10.0		96.0	70-130				

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BI31420 - EPA 5030B											
LCS (BI31420-BS1)								Prepared & Analyzed: 09/22/2023			
Methylene chloride	9.48		ug/L	10.0		94.8	70-130				
Naphthalene	9.34		"	10.0		93.4	70-130				
n-Butylbenzene	8.79		"	10.0		87.9	70-130				
n-Propylbenzene	9.27		"	10.0		92.7	70-130				
o-Xylene	9.44		"	10.0		94.4	70-130				
p- & m- Xylenes	19.2		"	20.0		96.2	70-130				
p-Isopropyltoluene	9.00		"	10.0		90.0	70-130				
sec-Butylbenzene	8.89		"	10.0		88.9	70-130				
Styrene	9.80		"	10.0		98.0	70-130				
tert-Butylbenzene	9.13		"	10.0		91.3	70-130				
Tetrachloroethylene	5.03		"	10.0		50.3	70-130	Low Bias			
Tetrahydrofuran	8.78		"	10.0		87.8	70-130				
Toluene	9.48		"	10.0		94.8	70-130				
trans-1,2-Dichloroethylene	9.30		"	10.0		93.0	70-130				
trans-1,3-Dichloropropylene	9.45		"	10.0		94.5	70-130				
trans-1,4-dichloro-2-butene	9.05		"	10.0		90.5	70-130				
Trichloroethylene	8.83		"	10.0		88.3	70-130				
Trichlorofluoromethane	9.24		"	10.0		92.4	70-130				
Vinyl Chloride	8.76		"	10.0		87.6	70-130				
Surrogate: SURR: 1,2-Dichloroethane-d4	*9.68*		*"*	*10.0*		*96.8*	*70-130*				
Surrogate: SURR: Toluene-d8	*9.98*		*"*	*10.0*		*99.8*	*70-130*				
Surrogate: SURR: p-Bromofluorobenzene	*9.89*		*"*	*10.0*		*98.9*	*70-130*				
LCS Dup (BI31420-BSD1)								Prepared & Analyzed: 09/22/2023			
1,1,1,2-Tetrachloroethane	10.1		ug/L	10.0		101	70-130		3.84	30	
1,1,1-Trichloroethane	9.84		"	10.0		98.4	70-130		4.68	30	
1,1,2,2-Tetrachloroethane	11.2		"	10.0		112	70-130		3.63	30	
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	9.65		"	10.0		96.5	70-130		5.65	30	
1,1,2-Trichloroethane	10.0		"	10.0		100	70-130		4.59	30	
1,1-Dichloroethane	9.56		"	10.0		95.6	70-130		5.81	30	
1,1-Dichloroethylene	9.55		"	10.0		95.5	70-130		4.61	30	
1,1-Dichloropropylene	9.25		"	10.0		92.5	70-130		4.65	30	
1,2,3-Trichlorobenzene	9.66		"	10.0		96.6	70-130		8.86	30	
1,2,3-Trichloropropane	10.4		"	10.0		104	70-130		4.74	30	
1,2,4-Trichlorobenzene	9.67		"	10.0		96.7	70-130		6.96	30	
1,2,4-Trimethylbenzene	9.77		"	10.0		97.7	70-130		3.54	30	
1,2-Dibromo-3-chloropropane	8.78		"	10.0		87.8	70-130		6.22	30	
1,2-Dibromoethane	10.3		"	10.0		103	70-130		5.16	30	
1,2-Dichlorobenzene	10.0		"	10.0		100	70-130		3.87	30	
1,2-Dichloroethane	9.99		"	10.0		99.9	70-130		6.73	30	
1,2-Dichloropropane	9.94		"	10.0		99.4	70-130		3.90	30	
1,3,5-Trimethylbenzene	9.52		"	10.0		95.2	70-130		4.29	30	
1,3-Dichlorobenzene	9.81		"	10.0		98.1	70-130		3.63	30	
1,3-Dichloropropane	10.0		"	10.0		100	70-130		4.70	30	
1,4-Dichlorobenzene	9.76		"	10.0		97.6	70-130		3.23	30	
2,2-Dichloropropane	10.5		"	10.0		105	70-130		4.26	30	
2-Butanone	8.69		"	10.0		86.9	70-130		8.89	30	
2-Chlorotoluene	9.76		"	10.0		97.6	70-130		3.86	30	
2-Hexanone	8.98		"	10.0		89.8	70-130		6.56	30	
4-Chlorotoluene	9.91		"	10.0		99.1	70-130		3.28	30	
4-Methyl-2-pentanone	9.78		"	10.0		97.8	70-130		6.77	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 BI31420 - EPA 5030B											
LCS Dup (BI31420-BSD1)								Prepared & Analyzed: 09/22/2023			
Acetone	16.6		ug/L	10.0		166	70-130	High Bias	9.72	30	
Acrylonitrile	10.6		"	10.0		106	70-130		9.26	30	
Benzene	10.2		"	10.0		102	70-130		5.22	30	
Bromobenzene	9.62		"	10.0		96.2	70-130		2.63	30	
Bromochloromethane	10.1		"	10.0		101	70-130		4.56	30	
Bromodichloromethane	9.95		"	10.0		99.5	70-130		4.31	30	
Bromoform	9.03		"	10.0		90.3	70-130		6.16	30	
Bromomethane	7.40		"	10.0		74.0	70-130		19.9	30	
Carbon disulfide	10.2		"	10.0		102	70-130		4.19	30	
Carbon tetrachloride	9.83		"	10.0		98.3	70-130		4.37	30	
Chlorobenzene	10.5		"	10.0		105	70-130		4.09	30	
Chloroethane	9.91		"	10.0		99.1	70-130		6.03	30	
Chloroform	10.0		"	10.0		100	70-130		5.84	30	
Chloromethane	9.14		"	10.0		91.4	70-130		2.77	30	
cis-1,2-Dichloroethylene	9.88		"	10.0		98.8	70-130		5.19	30	
cis-1,3-Dichloropropylene	9.87		"	10.0		98.7	70-130		3.61	30	
Dibromochloromethane	9.05		"	10.0		90.5	70-130		5.92	30	
Dibromomethane	9.97		"	10.0		99.7	70-130		5.14	30	
Dichlorodifluoromethane	8.82		"	10.0		88.2	70-130		5.00	30	
Ethyl Benzene	9.88		"	10.0		98.8	70-130		4.77	30	
Hexachlorobutadiene	9.20		"	10.0		92.0	70-130		6.74	30	
Isopropylbenzene	9.85		"	10.0		98.5	70-130		4.04	30	
Methyl Methacrylate	8.73		"	10.0		87.3	70-130		5.29	30	
Methyl tert-butyl ether (MTBE)	10.3		"	10.0		103	70-130		7.04	30	
Methylene chloride	9.95		"	10.0		99.5	70-130		4.84	30	
Naphthalene	10.1		"	10.0		101	70-130		8.21	30	
n-Butylbenzene	9.58		"	10.0		95.8	70-130		8.60	30	
n-Propylbenzene	9.72		"	10.0		97.2	70-130		4.74	30	
o-Xylene	9.90		"	10.0		99.0	70-130		4.76	30	
p- & m- Xylenes	20.3		"	20.0		101	70-130		5.31	30	
p-Isopropyltoluene	9.69		"	10.0		96.9	70-130		7.38	30	
sec-Butylbenzene	9.59		"	10.0		95.9	70-130		7.58	30	
Styrene	10.4		"	10.0		104	70-130		5.75	30	
tert-Butylbenzene	9.68		"	10.0		96.8	70-130		5.85	30	
Tetrachloroethylene	5.26		"	10.0		52.6	70-130	Low Bias	4.47	30	
Tetrahydrofuran	9.36		"	10.0		93.6	70-130		6.39	30	
Toluene	9.88		"	10.0		98.8	70-130		4.13	30	
trans-1,2-Dichloroethylene	9.74		"	10.0		97.4	70-130		4.62	30	
trans-1,3-Dichloropropylene	9.86		"	10.0		98.6	70-130		4.25	30	
trans-1,4-dichloro-2-butene	9.44		"	10.0		94.4	70-130		4.22	30	
Trichloroethylene	9.07		"	10.0		90.7	70-130		2.68	30	
Trichlorofluoromethane	9.78		"	10.0		97.8	70-130		5.68	30	
Vinyl Chloride	9.32		"	10.0		93.2	70-130		6.19	30	
Surrogate: SURR: 1,2-Dichloroethane-d4	*10.0*		*"*	*10.0*		*100*	*70-130*				
Surrogate: SURR: Toluene-d8	*9.88*		*"*	*10.0*		*98.8*	*70-130*				
Surrogate: SURR: p-Bromofluorobenzene	*9.73*		*"*	*10.0*		*97.3*	*70-130*				

Semivolatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BI31046 - EPA 3510C											
Blank (BI31046-BLK1)											Prepared: 09/18/2023 Analyzed: 09/19/2023
2-Methylnaphthalene	ND	5.00	ug/L								
Surrogate: SURR: Nitrobenzene-d5	*15.6*		*"*	*25.0*		*62.2*	*30-130*				
Surrogate: SURR: 2-Fluorobiphenyl	*14.6*		*"*	*25.0*		*58.5*	*30-130*				
Surrogate: SURR: Terphenyl-d14	*19.6*		*"*	*25.0*		*78.3*	*30-130*				
LCS (BI31046-BS2)											Prepared: 09/18/2023 Analyzed: 09/20/2023
Acenaphthene	0.800	0.0500	ug/L	1.00		80.0	40-140				
Acenaphthylene	0.940	0.0500	"	1.00		94.0	40-140				
Anthracene	0.820	0.0500	"	1.00		82.0	40-140				
Benzo(a)anthracene	1.10	0.0500	"	1.00		110	40-140				
Benzo(a)pyrene	0.860	0.0500	"	1.00		86.0	40-140				
Benzo(b)fluoranthene	1.15	0.0500	"	1.00		115	40-140				
Benzo(g,h,i)perylene	1.12	0.0500	"	1.00		112	40-140				
Benzo(k)fluoranthene	1.11	0.0500	"	1.00		111	40-140				
Chrysene	1.10	0.0500	"	1.00		110	40-140				
Dibenzo(a,h)anthracene	1.06	0.0500	"	1.00		106	40-140				
Fluoranthene	1.12	0.0500	"	1.00		112	40-140				
Fluorene	1.04	0.0500	"	1.00		104	40-140				
Indeno(1,2,3-cd)pyrene	1.12	0.0500	"	1.00		112	40-140				
Naphthalene	0.760	0.0500	"	1.00		76.0	40-140				
Phenanthrene	0.960	0.0500	"	1.00		96.0	40-140				
Pyrene	1.01	0.0500	"	1.00		101	40-140				
Batch BI31208 - EPA 3510C											
Blank (BI31208-BLK1)											Prepared & Analyzed: 09/20/2023
2-Methylnaphthalene	ND	5.00	ug/L								
Surrogate: SURR: Nitrobenzene-d5	*16.0*		*"*	*25.0*		*64.2*	*30-130*				
Surrogate: SURR: 2-Fluorobiphenyl	*15.0*		*"*	*25.0*		*59.9*	*30-130*				
Surrogate: SURR: Terphenyl-d14	*18.7*		*"*	*25.0*		*74.8*	*30-130*				

Semivolatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BI31208 - EPA 3510C											
Blank (BI31208-BLK2)											Prepared & Analyzed: 09/20/2023
Acenaphthene	ND	0.0500	ug/L								
Acenaphthylene	ND	0.0500	"								
Anthracene	ND	0.0500	"								
Benzo(a)anthracene	ND	0.0500	"								
Benzo(a)pyrene	ND	0.0500	"								
Benzo(b)fluoranthene	ND	0.0500	"								
Benzo(g,h,i)perylene	ND	0.0500	"								
Benzo(k)fluoranthene	ND	0.0500	"								
Chrysene	ND	0.0500	"								
Dibenzo(a,h)anthracene	ND	0.0500	"								
Fluoranthene	ND	0.0500	"								
Fluorene	0.260	0.0500	"								
Indeno(1,2,3-cd)pyrene	ND	0.0500	"								
Naphthalene	ND	0.0500	"								
Phenanthrene	ND	0.0500	"								
Pyrene	0.0600	0.0500	"								
LCS (BI31208-BS1)											Prepared & Analyzed: 09/20/2023
2-Methylnaphthalene	14.5	5.00	ug/L	25.0		58.0	40-140				
Surrogate: SURR: Nitrobenzene-d5	*16.1*		*"*	*25.0*		*64.6*	*30-130*				
Surrogate: SURR: 2-Fluorobiphenyl	*14.1*		*"*	*25.0*		*56.6*	*30-130*				
Surrogate: SURR: Terphenyl-d14	*17.3*		*"*	*25.0*		*69.3*	*30-130*				
LCS (BI31208-BS2)											Prepared & Analyzed: 09/20/2023
Acenaphthene	0.620	0.0500	ug/L	1.00		62.0	40-140				
Acenaphthylene	0.740	0.0500	"	1.00		74.0	40-140				
Anthracene	0.600	0.0500	"	1.00		60.0	40-140				
Benzo(a)anthracene	0.770	0.0500	"	1.00		77.0	40-140				
Benzo(a)pyrene	0.650	0.0500	"	1.00		65.0	40-140				
Benzo(b)fluoranthene	0.780	0.0500	"	1.00		78.0	40-140				
Benzo(g,h,i)perylene	0.810	0.0500	"	1.00		81.0	40-140				
Benzo(k)fluoranthene	0.780	0.0500	"	1.00		78.0	40-140				
Chrysene	0.760	0.0500	"	1.00		76.0	40-140				
Dibenzo(a,h)anthracene	0.770	0.0500	"	1.00		77.0	40-140				
Fluoranthene	0.780	0.0500	"	1.00		78.0	40-140				
Fluorene	0.780	0.0500	"	1.00		78.0	40-140				
Indeno(1,2,3-cd)pyrene	0.800	0.0500	"	1.00		80.0	40-140				
Naphthalene	0.640	0.0500	"	1.00		64.0	40-140				
Phenanthrene	0.690	0.0500	"	1.00		69.0	40-140				
Pyrene	0.720	0.0500	"	1.00		72.0	40-140				

Semivolatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BI31208 - EPA 3510C											
LCS Dup (BI31208-BSD1)								Prepared & Analyzed: 09/20/2023			
2-Methylnaphthalene	12.4	5.00	ug/L	25.0		49.6	40-140		15.5	20	
Surrogate: SURR: Nitrobenzene-d5	*14.2*		*"*	*25.0*		*56.9*	*30-130*				
Surrogate: SURR: 2-Fluorobiphenyl	*12.7*		*"*	*25.0*		*51.0*	*30-130*				
Surrogate: SURR: Terphenyl-d14	*16.1*		*"*	*25.0*		*64.5*	*30-130*				
Batch BI31336 - EPA 3510C											
Blank (BI31336-BLK1)								Prepared: 09/20/2023 Analyzed: 09/22/2023			
2-Methylnaphthalene	ND	5.00	ug/L								
Surrogate: SURR: Nitrobenzene-d5	*14.4*		*"*	*25.0*		*57.7*	*30-130*				
Surrogate: SURR: 2-Fluorobiphenyl	*13.3*		*"*	*25.0*		*53.2*	*30-130*				
Surrogate: SURR: Terphenyl-d14	*15.6*		*"*	*25.0*		*62.6*	*30-130*				
Blank (BI31336-BLK2)								Prepared: 09/20/2023 Analyzed: 09/22/2023			
Acenaphthene	ND	0.0500	ug/L								
Acenaphthylene	ND	0.0500	"								
Anthracene	ND	0.0500	"								
Benzo(a)anthracene	ND	0.0500	"								
Benzo(a)pyrene	ND	0.0500	"								
Benzo(b)fluoranthene	ND	0.0500	"								
Benzo(g,h,i)perylene	ND	0.0500	"								
Benzo(k)fluoranthene	ND	0.0500	"								
Chrysene	ND	0.0500	"								
Dibenzo(a,h)anthracene	ND	0.0500	"								
Fluoranthene	ND	0.0500	"								
Fluorene	ND	0.0500	"								
Indeno(1,2,3-cd)pyrene	ND	0.0500	"								
Naphthalene	ND	0.0500	"								
Phenanthrene	ND	0.0500	"								
Pyrene	ND	0.0500	"								

Semivolatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BI31336 - EPA 3510C											
LCS (BI31336-BS1)								Prepared: 09/20/2023 Analyzed: 09/22/2023			
2-Methylnaphthalene	14.2	5.00	ug/L	25.0		56.8	40-140				
Surrogate: SURR: Nitrobenzene-d5	*15.5*		*"*	*25.0*		*61.9*	*30-130*				
Surrogate: SURR: 2-Fluorobiphenyl	*13.2*		*"*	*25.0*		*52.9*	*30-130*				
Surrogate: SURR: Terphenyl-d14	*14.0*		*"*	*25.0*		*56.2*	*30-130*				
LCS (BI31336-BS2)								Prepared: 09/20/2023 Analyzed: 09/22/2023			
Acenaphthene	0.540	0.0500	ug/L	1.00		54.0	40-140				
Acenaphthylene	0.620	0.0500	"	1.00		62.0	40-140				
Anthracene	0.570	0.0500	"	1.00		57.0	40-140				
Benzo(a)anthracene	0.630	0.0500	"	1.00		63.0	40-140				
Benzo(a)pyrene	0.550	0.0500	"	1.00		55.0	40-140				
Benzo(b)fluoranthene	0.610	0.0500	"	1.00		61.0	40-140				
Benzo(g,h,i)perylene	0.520	0.0500	"	1.00		52.0	40-140				
Benzo(k)fluoranthene	0.640	0.0500	"	1.00		64.0	40-140				
Chrysene	0.640	0.0500	"	1.00		64.0	40-140				
Dibenzo(a,h)anthracene	0.600	0.0500	"	1.00		60.0	40-140				
Fluoranthene	0.700	0.0500	"	1.00		70.0	40-140				
Fluorene	0.670	0.0500	"	1.00		67.0	40-140				
Indeno(1,2,3-cd)pyrene	0.600	0.0500	"	1.00		60.0	40-140				
Naphthalene	0.570	0.0500	"	1.00		57.0	40-140				
Phenanthrene	0.570	0.0500	"	1.00		57.0	40-140				
Pyrene	0.480	0.0500	"	1.00		48.0	40-140				
LCS Dup (BI31336-BSD1)								Prepared: 09/20/2023 Analyzed: 09/22/2023			
2-Methylnaphthalene	14.3	5.00	ug/L	25.0		57.2	40-140		0.632	20	
Surrogate: SURR: Nitrobenzene-d5	*18.9*		*"*	*25.0*		*75.7*	*30-130*				
Surrogate: SURR: 2-Fluorobiphenyl	*16.0*		*"*	*25.0*		*64.0*	*30-130*				
Surrogate: SURR: Terphenyl-d14	*17.5*		*"*	*25.0*		*70.2*	*30-130*				

Semivolatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BI31396 - EPA 3510C											
Blank (BI31396-BLK1)									Prepared & Analyzed: 09/22/2023		
2-Methylnaphthalene	ND	5.00	ug/L								
2-Methylnaphthalene	ND	5.00	"								
Acenaphthene	ND	0.0500	"								
Acenaphthylene	ND	0.0500	"								
Anthracene	ND	0.0500	"								
Benzo(a)anthracene	ND	0.0500	"								
Benzo(a)pyrene	ND	0.0500	"								
Benzo(b)fluoranthene	ND	0.0500	"								
Benzo(g,h,i)perylene	ND	0.0500	"								
Benzo(k)fluoranthene	ND	0.0500	"								
Chrysene	ND	0.0500	"								
Dibenzo(a,h)anthracene	ND	0.0500	"								
Fluoranthene	ND	0.0500	"								
Fluorene	ND	0.0500	"								
Indeno(1,2,3-cd)pyrene	ND	0.0500	"								
Naphthalene	ND	0.0500	"								
Phenanthrene	ND	0.0500	"								
Pyrene	ND	0.0500	"								
Surrogate: SURR: Nitrobenzene-d5	*14.5*		*"*	*25.0*		*57.8*	*30-130*				
Surrogate: SURR: Nitrobenzene-d5	*14.5*		*"*	*25.0*		*57.8*	*30-130*				
Surrogate: SURR: 2-Fluorobiphenyl	*12.6*		*"*	*25.0*		*50.4*	*30-130*				
Surrogate: SURR: 2-Fluorobiphenyl	*12.6*		*"*	*25.0*		*50.4*	*30-130*				
Surrogate: SURR: Terphenyl-d14	*16.1*		*"*	*25.0*		*64.4*	*30-130*				
Surrogate: SURR: Terphenyl-d14	*16.1*		*"*	*25.0*		*64.4*	*30-130*				
Blank (BI31396-BLK2)									Prepared & Analyzed: 09/22/2023		
Acenaphthene	ND	0.0500	ug/L								
Acenaphthylene	ND	0.0500	"								
Anthracene	ND	0.0500	"								
Benzo(a)anthracene	ND	0.0500	"								
Benzo(a)pyrene	ND	0.0500	"								
Benzo(b)fluoranthene	ND	0.0500	"								
Benzo(g,h,i)perylene	ND	0.0500	"								
Benzo(k)fluoranthene	ND	0.0500	"								
Chrysene	ND	0.0500	"								
Dibenzo(a,h)anthracene	ND	0.0500	"								
Fluoranthene	ND	0.0500	"								
Fluorene	ND	0.0500	"								
Indeno(1,2,3-cd)pyrene	ND	0.0500	"								
Naphthalene	ND	0.0500	"								
Phenanthrene	ND	0.0500	"								
Pyrene	ND	0.0500	"								

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BI31396 - EPA 3510C											
LCS (BI31396-BS1)								Prepared & Analyzed: 09/22/2023			
2-Methylnaphthalene	14.2	5.00	ug/L	25.0		57.0	40-140				
2-Methylnaphthalene	14.2	5.00	"	25.0		57.0	40-140				
Acenaphthene	14.7	0.0500	"	25.0		58.9	40-140				
Acenaphthylene	13.8	0.0500	"	25.0		55.3	40-140				
Anthracene	16.4	0.0500	"	25.0		65.8	40-140				
Benzo(a)anthracene	16.6	0.0500	"	25.0		66.3	40-140				
Benzo(a)pyrene	13.2	0.0500	"	25.0		52.8	40-140				
Benzo(b)fluoranthene	14.3	0.0500	"	25.0		57.2	40-140				
Benzo(g,h,i)perylene	9.66	0.0500	"	25.0		38.6	40-140	Low Bias			
Benzo(k)fluoranthene	14.4	0.0500	"	25.0		57.8	40-140				
Chrysene	15.9	0.0500	"	25.0		63.5	40-140				
Dibenzo(a,h)anthracene	11.9	0.0500	"	25.0		47.5	40-140				
Fluoranthene	17.5	0.0500	"	25.0		69.8	40-140				
Fluorene	14.9	0.0500	"	25.0		59.5	40-140				
Indeno(1,2,3-cd)pyrene	11.2	0.0500	"	25.0		44.7	40-140				
Naphthalene	14.3	0.0500	"	25.0		57.4	40-140				
Phenanthrene	15.6	0.0500	"	25.0		62.6	40-140				
Pyrene	17.8	0.0500	"	25.0		71.2	40-140				
Surrogate: SURR: Nitrobenzene-d5	*16.5*		*"*	*25.0*		*66.0*	*30-130*				
Surrogate: SURR: Nitrobenzene-d5	*16.5*		*"*	*25.0*		*66.0*	*30-130*				
Surrogate: SURR: 2-Fluorobiphenyl	*14.1*		*"*	*25.0*		*56.6*	*30-130*				
Surrogate: SURR: 2-Fluorobiphenyl	*14.1*		*"*	*25.0*		*56.6*	*30-130*				
Surrogate: SURR: Terphenyl-d14	*17.3*		*"*	*25.0*		*69.0*	*30-130*				
Surrogate: SURR: Terphenyl-d14	*17.3*		*"*	*25.0*		*69.0*	*30-130*				
LCS (BI31396-BS2)								Prepared & Analyzed: 09/22/2023			
Acenaphthene	0.600	0.0500	ug/L	1.00		60.0	40-140				
Acenaphthylene	0.710	0.0500	"	1.00		71.0	40-140				
Anthracene	0.680	0.0500	"	1.00		68.0	40-140				
Benzo(a)anthracene	0.790	0.0500	"	1.00		79.0	40-140				
Benzo(a)pyrene	0.680	0.0500	"	1.00		68.0	40-140				
Benzo(b)fluoranthene	0.790	0.0500	"	1.00		79.0	40-140				
Benzo(g,h,i)perylene	0.550	0.0500	"	1.00		55.0	40-140				
Benzo(k)fluoranthene	0.770	0.0500	"	1.00		77.0	40-140				
Chrysene	0.780	0.0500	"	1.00		78.0	40-140				
Dibenzo(a,h)anthracene	0.680	0.0500	"	1.00		68.0	40-140				
Fluoranthene	0.870	0.0500	"	1.00		87.0	40-140				
Fluorene	0.760	0.0500	"	1.00		76.0	40-140				
Indeno(1,2,3-cd)pyrene	0.660	0.0500	"	1.00		66.0	40-140				
Naphthalene	0.640	0.0500	"	1.00		64.0	40-140				
Phenanthrene	0.680	0.0500	"	1.00		68.0	40-140				
Pyrene	0.580	0.0500	"	1.00		58.0	40-140				

Semivolatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BI31396 - EPA 3510C											
LCS Dup (BI31396-BSD1)								Prepared & Analyzed: 09/22/2023			
2-Methylnaphthalene	11.7	5.00	ug/L	25.0		46.6	40-140		20.0	20	
2-Methylnaphthalene	11.7	5.00	"	25.0		46.6	40-140		20.0	20	
Acenaphthene	13.2	0.0500	"	25.0		52.9	40-140		10.7	20	
Acenaphthylene	12.2	0.0500	"	25.0		48.8	40-140		12.5	20	
Anthracene	15.6	0.0500	"	25.0		62.4	40-140		5.31	20	
Benzo(a)anthracene	16.0	0.0500	"	25.0		64.1	40-140		3.44	20	
Benzo(a)pyrene	14.2	0.0500	"	25.0		56.6	40-140		6.95	20	
Benzo(b)fluoranthene	14.5	0.0500	"	25.0		58.1	40-140		1.46	20	
Benzo(g,h,i)perylene	11.7	0.0500	"	25.0		46.9	40-140		19.3	20	
Benzo(k)fluoranthene	15.2	0.0500	"	25.0		60.8	40-140		5.13	20	
Chrysene	15.2	0.0500	"	25.0		60.6	40-140		4.58	20	
Dibenzo(a,h)anthracene	13.6	0.0500	"	25.0		54.6	40-140		13.9	20	
Fluoranthene	16.1	0.0500	"	25.0		64.4	40-140		8.04	20	
Fluorene	13.6	0.0500	"	25.0		54.4	40-140		8.92	20	
Indeno(1,2,3-cd)pyrene	13.3	0.0500	"	25.0		53.1	40-140		17.1	20	
Naphthalene	11.5	0.0500	"	25.0		45.9	40-140		22.2	20	Non-dir.
Phenanthrene	14.9	0.0500	"	25.0		59.6	40-140		4.98	20	
Pyrene	16.1	0.0500	"	25.0		64.4	40-140		9.97	20	
Surrogate: SURR: Nitrobenzene-d5	*14.3*		*"*	*25.0*		*57.2*	*30-130*				
Surrogate: SURR: Nitrobenzene-d5	*14.3*		*"*	*25.0*		*57.2*	*30-130*				
Surrogate: SURR: 2-Fluorobiphenyl	*12.8*		*"*	*25.0*		*51.3*	*30-130*				
Surrogate: SURR: 2-Fluorobiphenyl	*12.8*		*"*	*25.0*		*51.3*	*30-130*				
Surrogate: SURR: Terphenyl-d14	*15.8*		*"*	*25.0*		*63.4*	*30-130*				
Surrogate: SURR: Terphenyl-d14	*15.8*		*"*	*25.0*		*63.4*	*30-130*				

Gas Chromatography/Flame Ionization Detector - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BI31091 - EPA 3510C											
Blank (BI31091-BLK1)									Prepared: 09/18/2023 Analyzed: 09/19/2023		
ETPH (Extractable Total Petroleum Hydrocarbons)	ND	0.150	mg/L								
Surrogate: 1-Chlorooctadecane	*0.0596*		*"*	*0.100*		*59.6*	*30-140*				
LCS (BI31091-BS1)									Prepared: 09/18/2023 Analyzed: 09/19/2023		
ETPH (Extractable Total Petroleum Hydrocarbons)	0.705	0.150	mg/L	0.750		94.0	60-120				
Surrogate: 1-Chlorooctadecane	*0.0698*		*"*	*0.100*		*69.8*	*30-140*				
LCS Dup (BI31091-BSD1)									Prepared: 09/18/2023 Analyzed: 09/19/2023		
ETPH (Extractable Total Petroleum Hydrocarbons)	0.773	0.150	mg/L	0.750		103	60-120		9.21	30	
Surrogate: 1-Chlorooctadecane	*0.0745*		*"*	*0.100*		*74.5*	*30-140*				
Batch BI31174 - EPA 3510C											
Blank (BI31174-BLK1)									Prepared: 09/19/2023 Analyzed: 09/21/2023		
ETPH (Extractable Total Petroleum Hydrocarbons)	ND	0.150	mg/L								
Surrogate: 1-Chlorooctadecane	*0.0312*		*"*	*0.100*		*31.2*	*30-140*				
LCS (BI31174-BS1)									Prepared: 09/19/2023 Analyzed: 09/21/2023		
ETPH (Extractable Total Petroleum Hydrocarbons)	0.593	0.150	mg/L	0.750		79.1	60-120				
Surrogate: 1-Chlorooctadecane	*0.0402*		*"*	*0.100*		*40.2*	*30-140*				
LCS Dup (BI31174-BSD1)									Prepared: 09/19/2023 Analyzed: 09/21/2023		
ETPH (Extractable Total Petroleum Hydrocarbons)	0.620	0.150	mg/L	0.750		82.7	60-120		4.46	30	
Surrogate: 1-Chlorooctadecane	*0.0368*		*"*	*0.100*		*36.8*	*30-140*				
Batch BI31399 - EPA 3510C											
Blank (BI31399-BLK1)									Prepared: 09/22/2023 Analyzed: 09/23/2023		
ETPH (Extractable Total Petroleum Hydrocarbons)	ND	0.150	mg/L								
Surrogate: 1-Chlorooctadecane	*0.0558*		*"*	*0.100*		*55.8*	*30-140*				

Gas Chromatography/Flame Ionization Detector - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BI31399 - EPA 3510C											
LCS (BI31399-BS1)									Prepared: 09/22/2023 Analyzed: 09/23/2023		
ETPH (Extractable Total Petroleum Hydrocarbons)	0.655	0.150	mg/L	0.750		87.3	60-120				
Surrogate: 1-Chlorooctadecane	*0.0700*		*"*	*0.100*		*70.0*	*30-140*				
LCS Dup (BI31399-BSD1)									Prepared: 09/22/2023 Analyzed: 09/23/2023		
ETPH (Extractable Total Petroleum Hydrocarbons)	0.738	0.150	mg/L	0.750		98.4	60-120		11.9	30	
Surrogate: 1-Chlorooctadecane	*0.0684*		*"*	*0.100*		*68.4*	*30-140*				

Volatile Analysis Sample Containers

Lab ID	Client Sample ID	Volatile Sample Container
23I1004-01	MW-1	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C
23I1004-02	MW-2	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C
23I1004-03	MW-3	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C
23I1004-04	MW-4	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C
23I1004-05	MW-5	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C
23I1004-06	MW-6	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C
23I1004-07	MW-7R	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C
23I1004-08	MW-7D	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C
23I1004-09	MW-7	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C
23I1004-10	MW-8	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C
23I1004-11	MW-9	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C
23I1004-12	MW-15	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C
23I1004-13	MW-16	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C
23I1004-14	MW-10R	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C
23I1004-15	MW-10	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C
23I1004-16	MW-17	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C
23I1004-17	MW-11	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C
23I1004-18	MW-12	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C
23I1004-19	MW-13	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C
23I1004-20	MW-18	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C
23I1004-21	Trip Blank	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C

Sample and Data Qualifiers Relating to This Work Order

S-08	The recovery of this surrogate was outside of QC limits.
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.
ICVE20	The value reported is ESTIMATED. The value is estimated due to its behavior during initial calibration verification (recovery exceeded 20% of expected value).
ICVE	The value reported is ESTIMATED. The value is estimated due to its behavior during initial calibration verification (recovery exceeded 30% of expected value).
EXT-EM	The sample exhibited emulsion formation during the extraction process. This may affect surrogate recoveries.
CCVE	The value reported is ESTIMATED. The value is estimated due to its behavior during continuing calibration verification (>20% Difference for average Rf or >20% Drift for quadratic fit).
CAL-E	The value reported is ESTIMATED. The value is estimated due to its behavior during initial calibration (average Rf>20%)
B	Analyte is found in the associated analysis batch blank. For volatiles, methylene chloride and acetone are common lab contaminants.

Definitions and Other Explanations

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

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

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

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

Certification for pH is no longer offered by NYDOH ELAP.

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

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

Corrective Action: The vials for sample MW-9 were incorrectly labeled MW-5.
The collection time on the vials matched the time on the COC for MW-9.

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. 23I1004

YOUR Information	Report To:	Invoice To:
Company: Turner Environmental	Company: Same	Company: Same
Address:	Address:	Address:
Phone.:	Phone.:	Phone.:
Contact:	Contact:	Contact:
E-mail:	E-mail:	E-mail:

YOUR Project Number: TE 23-007

YOUR Project Name: Region 8

YOUR PO#: Region 8

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.

David T. Turner

Samples Collected by: (print AND sign your name)

Matrix Codes

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

Samples From

New York
New Jersey
Connecticut X
Pennsylvania
Other:

Report / EDD Type (circle selections)

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

YORK Reg. Comp.

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

Sample Identification		Sample Matrix	Date/Time Sampled	Analyses Requested	Container Type	No.
MW-1	1	GW	9/12 14:35	VOCs 8260, PAHs 8270, ETPH	Amb VOA	5
MW-2	2		9/12 16:35			
MW-3	3		9/12 15:30			
MW-4	4		9/12 17:25			
MW-5	5		9/13 11:05			
MW-6	6		9/13 11:50			
MW-7R	7		9/13 14:50			
MW-7 D	8		9/13 13:35			
MW-7	9		9/13 15:55			
MW-8	10		9/13 16:35			

Comments:

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

Preservation: (check all that apply)

HCl X | MeOH | HNO3 | H2SO4 | NaOH
ZnAc | Ascorbic Acid | Other: COOL

Special Instruction

Field Filtered
Lab to Filter

1. Samples Relinquished by / Company	Date/Time	1. Samples Received by / Company	Date/Time	2. Samples Relinquished by / Company	Date/Time
David T. Turner	9/15/23 13:46				
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
				[illegible]	9/15/23 1345 / 1.4 Degrees C

Field Chain-of-Custody Record

YORK ANALYTICAL LABORATORIES INC

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

YORK Project No. 23I1004

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

YOUR Information	Report To:	Invoice To:
Company: Turner Environmental	Company:	Company:
Address:	Address:	Address:
Phone.:	Phone.:	Phone.:
Contact:	Contact:	Contact:
E-mail:	E-mail:	E-mail:

YOUR Project Number: TE 23-007

YOUR Project Name: Region 8

YOUR PO#: Region 8

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.

David T. Turner

Samples Collected by: (print AND sign your name)

Matrix Codes

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

Samples From

New York
New Jersey
Connecticut X
Pennsylvania
Other:

Report / EDD Type (circle selections)

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

YORK Reg. Comp.

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

Sample Identification		Sample Matrix	Date/Time Sampled	Analyses Requested	Container Type	No.
MW-9	11	GW	9/14 10:05	VOCs 8260, PFAs 8270 ETBE	Am VOA	5
MW-15	12		10:55			
MW-16	13		11:55			
MW-10R	14		12:35			
MW-10	15		14:35			
MW-17	16		15:30			
MW-11	17		9/15 9:25			
MW-12	18		10:10			
MW-13	19		10:50			
MW-18	20		11:40			

Comments:

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

Preservation: (check all that apply)

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

Special Instruction

Field Filtered
Lab to Filter

1. Samples Relinquished by / Company	Date/Time	1. Samples Received by / Company	Date/Time	2. Samples Relinquished by / Company	Date/Time
	9/15/23 13:45				
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
					9/15/23 1345 1.4 Degrees C

Attachment B:
Laboratory Report
Recovery Well Analyses

Technical Report

prepared for:

Turner Environmental, LLC
68 Ridge Hill Rd.
Oakdale CT, 06357
Attention: David Turner

Report Date: 09/27/2023
Client Project ID: TE 23-007 Region 18
York Project (SDG) No.: 23I1172

Report Date: 09/27/2023
Client Project ID: TE 23-007 Region 18
York Project (SDG) No.: 23I1172

Turner Environmental, LLC
68 Ridge Hill Rd.
Oakdale CT, 06357
Attention: David Turner

Purpose and Results

This report contains the analytical data for the sample(s) identified on the attached chain-of-custody received in our laboratory on September 19, 2023 and listed below. The project was identified as your project: **TE 23-007 Region 18**.

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
23I1172-01	RW-7	Ground Water	09/18/2023	09/19/2023
23I1172-02	RW-8	Ground Water	09/18/2023	09/19/2023
23I1172-03	RW-9	Ground Water	09/18/2023	09/19/2023
23I1172-04	RW-10	Ground Water	09/18/2023	09/19/2023
23I1172-05	RW-11	Ground Water	09/19/2023	09/19/2023

General Notes for York Project (SDG) No.: 23I1172

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

Approved By: 

Date: 09/27/2023

Cassie L. Mosher
Laboratory Manager

Sample Information

Client Sample ID: RW-7 **York Sample ID:** 23I1172-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23I1172	TE 23-007 Region 18	Ground Water	September 18, 2023 9:30 am	09/19/2023

Volatile Organics, CT RCP List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/L	0.500	1	EPA 8260C	09/22/2023 09:00	09/22/2023 17:26	SMA
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
71-55-6	1,1,1-Trichloroethane	ND		ug/L	0.500	1	EPA 8260C	09/22/2023 09:00	09/22/2023 17:26	SMA
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.500	1	EPA 8260C	09/22/2023 09:00	09/22/2023 17:26	SMA
							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	0.500	1	EPA 8260C	09/22/2023 09:00	09/22/2023 17:26	SMA
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.500	1	EPA 8260C	09/22/2023 09:00	09/22/2023 17:26	SMA
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-34-3	1,1-Dichloroethane	ND		ug/L	0.500	1	EPA 8260C	09/22/2023 09:00	09/22/2023 17:26	SMA
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.500	1	EPA 8260C	09/22/2023 09:00	09/22/2023 17:26	SMA
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
563-58-6	1,1-Dichloropropylene	ND		ug/L	0.500	1	EPA 8260C	09/22/2023 09:00	09/22/2023 17:26	SMA
							Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005		
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	0.500	1	EPA 8260C	09/22/2023 09:00	09/22/2023 17:26	SMA
							Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
96-18-4	1,2,3-Trichloropropane	ND		ug/L	0.500	1	EPA 8260C	09/22/2023 09:00	09/22/2023 17:26	SMA
							Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.500	1	EPA 8260C	09/22/2023 09:00	09/22/2023 17:26	SMA
							Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
95-63-6	**1,2,4-Trimethylbenzene**	**141**		ug/L	2.50	5	EPA 8260C	09/25/2023 09:00	09/25/2023 11:45	SMA
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-C		
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.500	1	EPA 8260C	09/22/2023 09:00	09/22/2023 17:26	SMA
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
106-93-4	1,2-Dibromoethane	ND		ug/L	0.500	1	EPA 8260C	09/22/2023 09:00	09/22/2023 17:26	SMA
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.500	1	EPA 8260C	09/22/2023 09:00	09/22/2023 17:26	SMA
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
107-06-2	1,2-Dichloroethane	ND		ug/L	0.500	1	EPA 8260C	09/22/2023 09:00	09/22/2023 17:26	SMA
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
78-87-5	1,2-Dichloropropane	ND		ug/L	0.500	1	EPA 8260C	09/22/2023 09:00	09/22/2023 17:26	SMA
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-67-8	**1,3,5-Trimethylbenzene**	**20.0**		ug/L	0.500	1	EPA 8260C	09/22/2023 09:00	09/22/2023 17:26	SMA
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-C		
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.500	1	EPA 8260C	09/22/2023 09:00	09/22/2023 17:26	SMA
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
142-28-9	1,3-Dichloropropane	ND		ug/L	0.500	1	EPA 8260C	09/22/2023 09:00	09/22/2023 17:26	SMA
							Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.500	1	EPA 8260C	09/22/2023 09:00	09/22/2023 17:26	SMA
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
594-20-7	2,2-Dichloropropane	ND		ug/L	0.500	1	EPA 8260C	09/22/2023 09:00	09/22/2023 17:26	SMA
							Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		

Sample Information

Client Sample ID: RW-7 **York Sample ID:** 23I1172-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23I1172	TE 23-007 Region 18	Ground Water	September 18, 2023 9:30 am	09/19/2023

Volatile Organics, CT RCP List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
78-93-3	**2-Butanone**	**10.9**	ICVE	ug/L	0.500	1	EPA 8260C	09/22/2023 09:00	09/22/2023 17:26	SMA
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-C		
95-49-8	2-Chlorotoluene	ND		ug/L	0.500	1	EPA 8260C	09/22/2023 09:00	09/22/2023 17:26	SMA
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
591-78-6	**2-Hexanone**	**1.33**		ug/L	0.500	1	EPA 8260C	09/22/2023 09:00	09/22/2023 17:26	SMA
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-C		
106-43-4	4-Chlorotoluene	ND		ug/L	0.500	1	EPA 8260C	09/22/2023 09:00	09/22/2023 17:26	SMA
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-10-1	4-Methyl-2-pentanone	ND		ug/L	0.500	1	EPA 8260C	09/22/2023 09:00	09/22/2023 17:26	SMA
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
67-64-1	Acetone	ND		ug/L	2.00	1	EPA 8260C	09/22/2023 09:00	09/22/2023 17:26	SMA
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
107-13-1	Acrylonitrile	ND		ug/L	0.500	1	EPA 8260C	09/22/2023 09:00	09/22/2023 17:26	SMA
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
71-43-2	**Benzene**	**12.1**		ug/L	0.500	1	EPA 8260C	09/22/2023 09:00	09/22/2023 17:26	SMA
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-C		
108-86-1	Bromobenzene	ND		ug/L	0.500	1	EPA 8260C	09/22/2023 09:00	09/22/2023 17:26	SMA
							Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
74-97-5	Bromochloromethane	ND		ug/L	0.500	1	EPA 8260C	09/22/2023 09:00	09/22/2023 17:26	SMA
							Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
75-27-4	Bromodichloromethane	ND		ug/L	0.500	1	EPA 8260C	09/22/2023 09:00	09/22/2023 17:26	SMA
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-25-2	Bromoform	ND		ug/L	0.500	1	EPA 8260C	09/22/2023 09:00	09/22/2023 17:26	SMA
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
74-83-9	Bromomethane	ND	CCVE, QL-02	ug/L	0.500	1	EPA 8260C	09/22/2023 09:00	09/22/2023 17:26	SMA
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-15-0	Carbon disulfide	ND		ug/L	0.500	1	EPA 8260C	09/22/2023 09:00	09/22/2023 17:26	SMA
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
56-23-5	Carbon tetrachloride	ND		ug/L	0.500	1	EPA 8260C	09/22/2023 09:00	09/22/2023 17:26	SMA
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-90-7	Chlorobenzene	ND		ug/L	0.500	1	EPA 8260C	09/22/2023 09:00	09/22/2023 17:26	SMA
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-00-3	Chloroethane	ND		ug/L	0.500	1	EPA 8260C	09/22/2023 09:00	09/22/2023 17:26	SMA
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
67-66-3	Chloroform	ND		ug/L	0.500	1	EPA 8260C	09/22/2023 09:00	09/22/2023 17:26	SMA
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
74-87-3	Chloromethane	ND		ug/L	0.500	1	EPA 8260C	09/22/2023 09:00	09/22/2023 17:26	SMA
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
156-59-2	cis-1,2-Dichloroethylene	ND		ug/L	0.500	1	EPA 8260C	09/22/2023 09:00	09/22/2023 17:26	SMA
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.500	1	EPA 8260C	09/22/2023 09:00	09/22/2023 17:26	SMA
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
124-48-1	Dibromochloromethane	ND		ug/L	0.500	1	EPA 8260C	09/22/2023 09:00	09/22/2023 17:26	SMA
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
74-95-3	Dibromomethane	ND		ug/L	0.500	1	EPA 8260C	09/22/2023 09:00	09/22/2023 17:26	SMA
							Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		

Sample Information

Client Sample ID: RW-7 **York Sample ID:** 23I1172-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23I1172	TE 23-007 Region 18	Ground Water	September 18, 2023 9:30 am	09/19/2023

Volatile Organics, CT RCP List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.500	1	EPA 8260C Certifications:	09/22/2023 09:00	09/22/2023 17:26 NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	SMA
100-41-4	**Ethyl Benzene**	**58.4**		ug/L	0.500	1	EPA 8260C Certifications:	09/22/2023 09:00	09/22/2023 17:26 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-C	SMA
87-68-3	Hexachlorobutadiene	ND		ug/L	0.500	1	EPA 8260C Certifications:	09/22/2023 09:00	09/22/2023 17:26 NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	SMA
98-82-8	**Isopropylbenzene**	**15.4**		ug/L	0.500	1	EPA 8260C Certifications:	09/22/2023 09:00	09/22/2023 17:26 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-C	SMA
80-62-6	Methyl Methacrylate	ND		ug/L	0.500	1	EPA 8260C Certifications:	09/22/2023 09:00	09/22/2023 17:26 NELAC-NY10854,NELAC-NY12058,NJDEP-CT005	SMA
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.500	1	EPA 8260C Certifications:	09/22/2023 09:00	09/22/2023 17:26 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	SMA
75-09-2	Methylene chloride	ND		ug/L	2.00	1	EPA 8260C Certifications:	09/22/2023 09:00	09/22/2023 17:26 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	SMA
91-20-3	**Naphthalene**	**29.3**		ug/L	2.00	1	EPA 8260C Certifications:	09/22/2023 09:00	09/22/2023 17:26 NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	SMA
104-51-8	**n-Butylbenzene**	**3.13**		ug/L	0.500	1	EPA 8260C Certifications:	09/22/2023 09:00	09/22/2023 17:26 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-C	SMA
103-65-1	**n-Propylbenzene**	**18.6**		ug/L	0.500	1	EPA 8260C Certifications:	09/22/2023 09:00	09/22/2023 17:26 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-C	SMA
95-47-6	**o-Xylene**	**116**		ug/L	2.50	5	EPA 8260C Certifications:	09/25/2023 09:00	09/25/2023 11:45 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP-68	SMA
179601-23-1	**p- & m- Xylenes**	**105**		ug/L	5.00	5	EPA 8260C Certifications:	09/25/2023 09:00	09/25/2023 11:45 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP-68	SMA
99-87-6	**p-Isopropyltoluene**	**2.56**		ug/L	0.500	1	EPA 8260C Certifications:	09/22/2023 09:00	09/22/2023 17:26 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-C	SMA
135-98-8	**sec-Butylbenzene**	**5.22**		ug/L	0.500	1	EPA 8260C Certifications:	09/22/2023 09:00	09/22/2023 17:26 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-C	SMA
100-42-5	Styrene	ND		ug/L	0.500	1	EPA 8260C Certifications:	09/22/2023 09:00	09/22/2023 17:26 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	SMA
98-06-6	tert-Butylbenzene	ND		ug/L	0.500	1	EPA 8260C Certifications:	09/22/2023 09:00	09/22/2023 17:26 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	SMA
127-18-4	Tetrachloroethylene	ND	CCVE, ICVE, QL-02	ug/L	0.500	1	EPA 8260C Certifications:	09/22/2023 09:00	09/22/2023 17:26 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	SMA
109-99-9	Tetrahydrofuran	ND		ug/L	4.00	1	EPA 8260C Certifications:	09/22/2023 09:00	09/22/2023 17:26	SMA
108-88-3	**Toluene**	**19.4**		ug/L	0.500	1	EPA 8260C Certifications:	09/22/2023 09:00	09/22/2023 17:26 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-C	SMA
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.500	1	EPA 8260C Certifications:	09/22/2023 09:00	09/22/2023 17:26 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	SMA
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.500	1	EPA 8260C Certifications:	09/22/2023 09:00	09/22/2023 17:26 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	SMA
110-57-6	trans-1,4-dichloro-2-butene	ND		ug/L	0.500	1	EPA 8260C Certifications:	09/22/2023 09:00	09/22/2023 17:26 NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	SMA

Sample Information

Client Sample ID: RW-7 **York Sample ID:** 23I1172-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23I1172	TE 23-007 Region 18	Ground Water	September 18, 2023 9:30 am	09/19/2023

Volatile Organics, CT RCP List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
79-01-6	Trichloroethylene	ND		ug/L	0.500	1	EPA 8260C	09/22/2023 09:00	09/22/2023 17:26	SMA
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-69-4	Trichlorofluoromethane	ND		ug/L	0.500	1	EPA 8260C	09/22/2023 09:00	09/22/2023 17:26	SMA
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-01-4	Vinyl Chloride	ND		ug/L	0.500	1	EPA 8260C	09/22/2023 09:00	09/22/2023 17:26	SMA
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: SURR: 1,2-Dichloroethane-d4*	*101 %*	*70-130*
2037-26-5	*Surrogate: SURR: Toluene-d8*	*98.5 %*	*70-130*
460-00-4	*Surrogate: SURR: p-Bromofluorobenzene*	*94.5 %*	*70-130*

Extractable Total Petroleum Hydrocarbons (ETPH)

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
CT ETPH	**ETPH (Extractable Total Petroleum Hydrocarbons)**	**2.22**		mg/L	0.150	1	CT DEP ETPH	09/22/2023 07:58	09/23/2023 23:23	GXB
							Certifications:	CTDOH-PH-0723		

	Surrogate Recoveries	Result	Acceptance Range
3386-33-2	*Surrogate: 1-Chlorooctadecane*	*55.0 %*	*30-140*

Sample Information

Client Sample ID: RW-8 **York Sample ID:** 23I1172-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23I1172	TE 23-007 Region 18	Ground Water	September 18, 2023 10:00 am	09/19/2023

Volatile Organics, CT RCP List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/L	0.500	1	EPA 8260C	09/22/2023 09:00	09/22/2023 17:54	SMA
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
71-55-6	1,1,1-Trichloroethane	ND		ug/L	0.500	1	EPA 8260C	09/22/2023 09:00	09/22/2023 17:54	SMA
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.500	1	EPA 8260C	09/22/2023 09:00	09/22/2023 17:54	SMA
							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	0.500	1	EPA 8260C	09/22/2023 09:00	09/22/2023 17:54	SMA
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		

Sample Information

Client Sample ID: **RW-8** **York Sample ID:** **23I1172-02**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23I1172	TE 23-007 Region 18	Ground Water	September 18, 2023 10:00 am	09/19/2023

Volatile Organics, CT RCP List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.500	1	EPA 8260C Certifications:	09/22/2023 09:00	09/22/2023 17:54	SMA CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
75-34-3	1,1-Dichloroethane	ND		ug/L	0.500	1	EPA 8260C Certifications:	09/22/2023 09:00	09/22/2023 17:54	SMA CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.500	1	EPA 8260C Certifications:	09/22/2023 09:00	09/22/2023 17:54	SMA CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
563-58-6	1,1-Dichloropropylene	ND		ug/L	0.500	1	EPA 8260C Certifications:	09/22/2023 09:00	09/22/2023 17:54	SMA NELAC-NY10854,NELAC-NY12058,NJDEP-CT005
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	0.500	1	EPA 8260C Certifications:	09/22/2023 09:00	09/22/2023 17:54	SMA NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04
96-18-4	1,2,3-Trichloropropane	ND		ug/L	0.500	1	EPA 8260C Certifications:	09/22/2023 09:00	09/22/2023 17:54	SMA NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.500	1	EPA 8260C Certifications:	09/22/2023 09:00	09/22/2023 17:54	SMA NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04
95-63-6	**1,2,4-Trimethylbenzene**	**192**		ug/L	5.00	10	EPA 8260C Certifications:	09/25/2023 09:00	09/25/2023 12:13	SMA CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-C
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.500	1	EPA 8260C Certifications:	09/22/2023 09:00	09/22/2023 17:54	SMA CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
106-93-4	1,2-Dibromoethane	ND		ug/L	0.500	1	EPA 8260C Certifications:	09/22/2023 09:00	09/22/2023 17:54	SMA CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.500	1	EPA 8260C Certifications:	09/22/2023 09:00	09/22/2023 17:54	SMA CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
107-06-2	1,2-Dichloroethane	ND		ug/L	0.500	1	EPA 8260C Certifications:	09/22/2023 09:00	09/22/2023 17:54	SMA CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
78-87-5	1,2-Dichloropropane	ND		ug/L	0.500	1	EPA 8260C Certifications:	09/22/2023 09:00	09/22/2023 17:54	SMA CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
108-67-8	**1,3,5-Trimethylbenzene**	**54.1**		ug/L	0.500	1	EPA 8260C Certifications:	09/22/2023 09:00	09/22/2023 17:54	SMA CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-C
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.500	1	EPA 8260C Certifications:	09/22/2023 09:00	09/22/2023 17:54	SMA CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
142-28-9	1,3-Dichloropropane	ND		ug/L	0.500	1	EPA 8260C Certifications:	09/22/2023 09:00	09/22/2023 17:54	SMA NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.500	1	EPA 8260C Certifications:	09/22/2023 09:00	09/22/2023 17:54	SMA CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
594-20-7	2,2-Dichloropropane	ND		ug/L	0.500	1	EPA 8260C Certifications:	09/22/2023 09:00	09/22/2023 17:54	SMA NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04
78-93-3	2-Butanone	ND	ICVE	ug/L	0.500	1	EPA 8260C Certifications:	09/22/2023 09:00	09/22/2023 17:54	SMA CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
95-49-8	2-Chlorotoluene	ND		ug/L	0.500	1	EPA 8260C Certifications:	09/22/2023 09:00	09/22/2023 17:54	SMA CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
591-78-6	2-Hexanone	ND		ug/L	0.500	1	EPA 8260C Certifications:	09/22/2023 09:00	09/22/2023 17:54	SMA CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
106-43-4	4-Chlorotoluene	ND		ug/L	0.500	1	EPA 8260C Certifications:	09/22/2023 09:00	09/22/2023 17:54	SMA CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
108-10-1	4-Methyl-2-pentanone	ND		ug/L	0.500	1	EPA 8260C Certifications:	09/22/2023 09:00	09/22/2023 17:54	SMA CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT

Sample Information

Client Sample ID: **RW-8** **York Sample ID:** **23I1172-02**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23I1172	TE 23-007 Region 18	Ground Water	September 18, 2023 10:00 am	09/19/2023

Volatile Organics, CT RCP List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
67-64-1	Acetone	ND		ug/L	2.00	1	EPA 8260C Certifications:	09/22/2023 09:00	09/22/2023 17:54	SMA CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
107-13-1	Acrylonitrile	ND		ug/L	0.500	1	EPA 8260C Certifications:	09/22/2023 09:00	09/22/2023 17:54	SMA CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
71-43-2	**Benzene**	**12.5**		ug/L	0.500	1	EPA 8260C Certifications:	09/22/2023 09:00	09/22/2023 17:54	SMA CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
108-86-1	Bromobenzene	ND		ug/L	0.500	1	EPA 8260C Certifications:	09/22/2023 09:00	09/22/2023 17:54	SMA NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04
74-97-5	Bromochloromethane	ND		ug/L	0.500	1	EPA 8260C Certifications:	09/22/2023 09:00	09/22/2023 17:54	SMA NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04
75-27-4	Bromodichloromethane	ND		ug/L	0.500	1	EPA 8260C Certifications:	09/22/2023 09:00	09/22/2023 17:54	SMA CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
75-25-2	Bromoform	ND		ug/L	0.500	1	EPA 8260C Certifications:	09/22/2023 09:00	09/22/2023 17:54	SMA CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
74-83-9	Bromomethane	ND	CCVE, QL-02	ug/L	0.500	1	EPA 8260C Certifications:	09/22/2023 09:00	09/22/2023 17:54	SMA CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
75-15-0	Carbon disulfide	ND		ug/L	0.500	1	EPA 8260C Certifications:	09/22/2023 09:00	09/22/2023 17:54	SMA CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
56-23-5	Carbon tetrachloride	ND		ug/L	0.500	1	EPA 8260C Certifications:	09/22/2023 09:00	09/22/2023 17:54	SMA CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
108-90-7	Chlorobenzene	ND		ug/L	0.500	1	EPA 8260C Certifications:	09/22/2023 09:00	09/22/2023 17:54	SMA CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
75-00-3	Chloroethane	ND		ug/L	0.500	1	EPA 8260C Certifications:	09/22/2023 09:00	09/22/2023 17:54	SMA CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
67-66-3	Chloroform	ND		ug/L	0.500	1	EPA 8260C Certifications:	09/22/2023 09:00	09/22/2023 17:54	SMA CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
74-87-3	Chloromethane	ND		ug/L	0.500	1	EPA 8260C Certifications:	09/22/2023 09:00	09/22/2023 17:54	SMA CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
156-59-2	cis-1,2-Dichloroethylene	ND		ug/L	0.500	1	EPA 8260C Certifications:	09/22/2023 09:00	09/22/2023 17:54	SMA CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.500	1	EPA 8260C Certifications:	09/22/2023 09:00	09/22/2023 17:54	SMA CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
124-48-1	Dibromochloromethane	ND		ug/L	0.500	1	EPA 8260C Certifications:	09/22/2023 09:00	09/22/2023 17:54	SMA CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
74-95-3	Dibromomethane	ND		ug/L	0.500	1	EPA 8260C Certifications:	09/22/2023 09:00	09/22/2023 17:54	SMA NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.500	1	EPA 8260C Certifications:	09/22/2023 09:00	09/22/2023 17:54	SMA NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04
100-41-4	**Ethyl Benzene**	**73.2**		ug/L	5.00	10	EPA 8260C Certifications:	09/25/2023 09:00	09/25/2023 12:13	SMA CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
87-68-3	Hexachlorobutadiene	ND		ug/L	0.500	1	EPA 8260C Certifications:	09/22/2023 09:00	09/22/2023 17:54	SMA NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04
98-82-8	**Isopropylbenzene**	**17.0**		ug/L	0.500	1	EPA 8260C Certifications:	09/22/2023 09:00	09/22/2023 17:54	SMA CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
80-62-6	Methyl Methacrylate	ND		ug/L	0.500	1	EPA 8260C Certifications:	09/22/2023 09:00	09/22/2023 17:54	SMA NELAC-NY10854,NELAC-NY12058,NJDEP-CT005

Sample Information

Client Sample ID: RW-8 **York Sample ID:** 23I1172-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23I1172	TE 23-007 Region 18	Ground Water	September 18, 2023 10:00 am	09/19/2023

Volatile Organics, CT RCP List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.500	1	EPA 8260C	09/22/2023 09:00	09/22/2023 17:54	SMA
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-09-2	Methylene chloride	ND		ug/L	2.00	1	EPA 8260C	09/22/2023 09:00	09/22/2023 17:54	SMA
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
91-20-3	**Naphthalene**	**37.6**		ug/L	2.00	1	EPA 8260C	09/22/2023 09:00	09/22/2023 17:54	SMA
							Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
104-51-8	**n-Butylbenzene**	**8.96**		ug/L	0.500	1	EPA 8260C	09/22/2023 09:00	09/22/2023 17:54	SMA
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
103-65-1	**n-Propylbenzene**	**24.0**		ug/L	0.500	1	EPA 8260C	09/22/2023 09:00	09/22/2023 17:54	SMA
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
95-47-6	**o-Xylene**	**168**		ug/L	5.00	10	EPA 8260C	09/25/2023 09:00	09/25/2023 12:13	SMA
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP-68		
179601-23-1	**p- & m- Xylenes**	**272**		ug/L	10.0	10	EPA 8260C	09/25/2023 09:00	09/25/2023 12:13	SMA
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP-68		
99-87-6	**p-Isopropyltoluene**	**3.34**		ug/L	0.500	1	EPA 8260C	09/22/2023 09:00	09/22/2023 17:54	SMA
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
135-98-8	**sec-Butylbenzene**	**6.00**		ug/L	0.500	1	EPA 8260C	09/22/2023 09:00	09/22/2023 17:54	SMA
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
100-42-5	**Styrene**	**6.26**		ug/L	0.500	1	EPA 8260C	09/22/2023 09:00	09/22/2023 17:54	SMA
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
98-06-6	tert-Butylbenzene	ND		ug/L	0.500	1	EPA 8260C	09/22/2023 09:00	09/22/2023 17:54	SMA
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
127-18-4	Tetrachloroethylene	ND	CCVE, ICVE, QL-02	ug/L	0.500	1	EPA 8260C	09/22/2023 09:00	09/22/2023 17:54	SMA
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
109-99-9	Tetrahydrofuran	ND		ug/L	4.00	1	EPA 8260C	09/22/2023 09:00	09/22/2023 17:54	SMA
							Certifications:			
108-88-3	**Toluene**	**50.0**		ug/L	0.500	1	EPA 8260C	09/22/2023 09:00	09/22/2023 17:54	SMA
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.500	1	EPA 8260C	09/22/2023 09:00	09/22/2023 17:54	SMA
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.500	1	EPA 8260C	09/22/2023 09:00	09/22/2023 17:54	SMA
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
110-57-6	trans-1,4-dichloro-2-butene	ND		ug/L	0.500	1	EPA 8260C	09/22/2023 09:00	09/22/2023 17:54	SMA
							Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
79-01-6	Trichloroethylene	ND		ug/L	0.500	1	EPA 8260C	09/22/2023 09:00	09/22/2023 17:54	SMA
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-69-4	Trichlorofluoromethane	ND		ug/L	0.500	1	EPA 8260C	09/22/2023 09:00	09/22/2023 17:54	SMA
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-01-4	Vinyl Chloride	ND		ug/L	0.500	1	EPA 8260C	09/22/2023 09:00	09/22/2023 17:54	SMA
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: SURR: 1,2-Dichloroethane-d4*	*103 %*	*70-130*
2037-26-5	*Surrogate: SURR: Toluene-d8*	*98.5 %*	*70-130*

Sample Information

Client Sample ID: RW-8 **York Sample ID:** 23I1172-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23I1172	TE 23-007 Region 18	Ground Water	September 18, 2023 10:00 am	09/19/2023

Volatile Organics, CT RCP List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
460-00-4	*Surrogate: SURR: p-Bromofluorobenzene*	*96.4 %*			*70-130*					

Extractable Total Petroleum Hydrocarbons (ETPH)

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
CT ETPH	**ETPH (Extractable Total Petroleum Hydrocarbons)**	**1.51**		mg/L	0.150	1	CT DEP ETPH Certifications: CTDOH-PH-0723	09/22/2023 07:58	09/24/2023 00:02	GXB

	Surrogate Recoveries	Result	Acceptance Range
3386-33-2	*Surrogate: 1-Chlorooctadecane*	*48.2 %*	*30-140*

Sample Information

Client Sample ID: RW-9 **York Sample ID:** 23I1172-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23I1172	TE 23-007 Region 18	Ground Water	September 18, 2023 10:30 am	09/19/2023

Volatile Organics, CT RCP List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/L	5.00	10	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	09/22/2023 09:00	09/22/2023 18:23	SMA
71-55-6	1,1,1-Trichloroethane	ND		ug/L	5.00	10	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	09/22/2023 09:00	09/22/2023 18:23	SMA
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	5.00	10	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	09/22/2023 09:00	09/22/2023 18:23	SMA
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/L	5.00	10	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	09/22/2023 09:00	09/22/2023 18:23	SMA
79-00-5	1,1,2-Trichloroethane	ND		ug/L	5.00	10	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	09/22/2023 09:00	09/22/2023 18:23	SMA
75-34-3	1,1-Dichloroethane	ND		ug/L	5.00	10	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	09/22/2023 09:00	09/22/2023 18:23	SMA
75-35-4	1,1-Dichloroethylene	ND		ug/L	5.00	10	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	09/22/2023 09:00	09/22/2023 18:23	SMA
563-58-6	1,1-Dichloropropylene	ND		ug/L	5.00	10	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP-CT005	09/22/2023 09:00	09/22/2023 18:23	SMA
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	5.00	10	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	09/22/2023 09:00	09/22/2023 18:23	SMA

Sample Information

Client Sample ID: **RW-9** **York Sample ID:** **23I1172-03**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23I1172	TE 23-007 Region 18	Ground Water	September 18, 2023 10:30 am	09/19/2023

Volatile Organics, CT RCP List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
96-18-4	1,2,3-Trichloropropane	ND		ug/L	5.00	10	EPA 8260C	09/22/2023 09:00	09/22/2023 18:23	SMA
							Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	5.00	10	EPA 8260C	09/22/2023 09:00	09/22/2023 18:23	SMA
							Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
95-63-6	**1,2,4-Trimethylbenzene**	**112**		ug/L	5.00	10	EPA 8260C	09/22/2023 09:00	09/22/2023 18:23	SMA
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-C		
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	5.00	10	EPA 8260C	09/22/2023 09:00	09/22/2023 18:23	SMA
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
106-93-4	1,2-Dibromoethane	ND		ug/L	5.00	10	EPA 8260C	09/22/2023 09:00	09/22/2023 18:23	SMA
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
95-50-1	1,2-Dichlorobenzene	ND		ug/L	5.00	10	EPA 8260C	09/22/2023 09:00	09/22/2023 18:23	SMA
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
107-06-2	1,2-Dichloroethane	ND		ug/L	5.00	10	EPA 8260C	09/22/2023 09:00	09/22/2023 18:23	SMA
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
78-87-5	1,2-Dichloropropane	ND		ug/L	5.00	10	EPA 8260C	09/22/2023 09:00	09/22/2023 18:23	SMA
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-67-8	**1,3,5-Trimethylbenzene**	**24.1**		ug/L	5.00	10	EPA 8260C	09/22/2023 09:00	09/22/2023 18:23	SMA
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-C		
541-73-1	1,3-Dichlorobenzene	ND		ug/L	5.00	10	EPA 8260C	09/22/2023 09:00	09/22/2023 18:23	SMA
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
142-28-9	1,3-Dichloropropane	ND		ug/L	5.00	10	EPA 8260C	09/22/2023 09:00	09/22/2023 18:23	SMA
							Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
106-46-7	1,4-Dichlorobenzene	ND		ug/L	5.00	10	EPA 8260C	09/22/2023 09:00	09/22/2023 18:23	SMA
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
594-20-7	2,2-Dichloropropane	ND		ug/L	5.00	10	EPA 8260C	09/22/2023 09:00	09/22/2023 18:23	SMA
							Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
78-93-3	2-Butanone	ND	ICVE	ug/L	5.00	10	EPA 8260C	09/22/2023 09:00	09/22/2023 18:23	SMA
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
95-49-8	2-Chlorotoluene	ND		ug/L	5.00	10	EPA 8260C	09/22/2023 09:00	09/22/2023 18:23	SMA
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
591-78-6	2-Hexanone	ND		ug/L	5.00	10	EPA 8260C	09/22/2023 09:00	09/22/2023 18:23	SMA
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
106-43-4	4-Chlorotoluene	ND		ug/L	5.00	10	EPA 8260C	09/22/2023 09:00	09/22/2023 18:23	SMA
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-10-1	4-Methyl-2-pentanone	ND		ug/L	5.00	10	EPA 8260C	09/22/2023 09:00	09/22/2023 18:23	SMA
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
67-64-1	Acetone	ND		ug/L	20.0	10	EPA 8260C	09/22/2023 09:00	09/22/2023 18:23	SMA
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
107-13-1	Acrylonitrile	ND		ug/L	5.00	10	EPA 8260C	09/22/2023 09:00	09/22/2023 18:23	SMA
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
71-43-2	Benzene	ND		ug/L	5.00	10	EPA 8260C	09/22/2023 09:00	09/22/2023 18:23	SMA
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-86-1	Bromobenzene	ND		ug/L	5.00	10	EPA 8260C	09/22/2023 09:00	09/22/2023 18:23	SMA
							Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
74-97-5	Bromochloromethane	ND		ug/L	5.00	10	EPA 8260C	09/22/2023 09:00	09/22/2023 18:23	SMA
							Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		

Sample Information

Client Sample ID: **RW-9** **York Sample ID:** **23I1172-03**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23I1172	TE 23-007 Region 18	Ground Water	September 18, 2023 10:30 am	09/19/2023

Volatile Organics, CT RCP List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
75-27-4	Bromodichloromethane	ND		ug/L	5.00	10	EPA 8260C	09/22/2023 09:00	09/22/2023 18:23	SMA
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-25-2	Bromoform	ND		ug/L	5.00	10	EPA 8260C	09/22/2023 09:00	09/22/2023 18:23	SMA
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
74-83-9	Bromomethane	ND	CCVE, QL-02	ug/L	5.00	10	EPA 8260C	09/22/2023 09:00	09/22/2023 18:23	SMA
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-15-0	Carbon disulfide	ND		ug/L	5.00	10	EPA 8260C	09/22/2023 09:00	09/22/2023 18:23	SMA
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
56-23-5	Carbon tetrachloride	ND		ug/L	5.00	10	EPA 8260C	09/22/2023 09:00	09/22/2023 18:23	SMA
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-90-7	Chlorobenzene	ND		ug/L	5.00	10	EPA 8260C	09/22/2023 09:00	09/22/2023 18:23	SMA
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-00-3	Chloroethane	ND		ug/L	5.00	10	EPA 8260C	09/22/2023 09:00	09/22/2023 18:23	SMA
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
67-66-3	Chloroform	ND		ug/L	5.00	10	EPA 8260C	09/22/2023 09:00	09/22/2023 18:23	SMA
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
74-87-3	Chloromethane	ND		ug/L	5.00	10	EPA 8260C	09/22/2023 09:00	09/22/2023 18:23	SMA
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
156-59-2	cis-1,2-Dichloroethylene	ND		ug/L	5.00	10	EPA 8260C	09/22/2023 09:00	09/22/2023 18:23	SMA
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	5.00	10	EPA 8260C	09/22/2023 09:00	09/22/2023 18:23	SMA
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
124-48-1	Dibromochloromethane	ND		ug/L	5.00	10	EPA 8260C	09/22/2023 09:00	09/22/2023 18:23	SMA
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
74-95-3	Dibromomethane	ND		ug/L	5.00	10	EPA 8260C	09/22/2023 09:00	09/22/2023 18:23	SMA
							Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
75-71-8	Dichlorodifluoromethane	ND		ug/L	5.00	10	EPA 8260C	09/22/2023 09:00	09/22/2023 18:23	SMA
							Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
100-41-4	**Ethyl Benzene**	**20.9**		ug/L	5.00	10	EPA 8260C	09/22/2023 09:00	09/22/2023 18:23	SMA
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-C		
87-68-3	Hexachlorobutadiene	ND		ug/L	5.00	10	EPA 8260C	09/22/2023 09:00	09/22/2023 18:23	SMA
							Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
98-82-8	Isopropylbenzene	ND		ug/L	5.00	10	EPA 8260C	09/22/2023 09:00	09/22/2023 18:23	SMA
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
80-62-6	Methyl Methacrylate	ND		ug/L	5.00	10	EPA 8260C	09/22/2023 09:00	09/22/2023 18:23	SMA
							Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005		
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	5.00	10	EPA 8260C	09/22/2023 09:00	09/22/2023 18:23	SMA
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-09-2	Methylene chloride	ND		ug/L	20.0	10	EPA 8260C	09/22/2023 09:00	09/22/2023 18:23	SMA
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
91-20-3	**Naphthalene**	**44.4**		ug/L	20.0	10	EPA 8260C	09/22/2023 09:00	09/22/2023 18:23	SMA
							Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-0		
104-51-8	n-Butylbenzene	ND		ug/L	5.00	10	EPA 8260C	09/22/2023 09:00	09/22/2023 18:23	SMA
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
103-65-1	**n-Propylbenzene**	**8.00**		ug/L	5.00	10	EPA 8260C	09/22/2023 09:00	09/22/2023 18:23	SMA
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-C		

Sample Information

Client Sample ID: **RW-9** **York Sample ID:** **23I1172-03**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23I1172	TE 23-007 Region 18	Ground Water	September 18, 2023 10:30 am	09/19/2023

Volatile Organics, CT RCP List

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

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
95-47-6	**o-Xylene**	**81.6**		ug/L	5.00	10	EPA 8260C	09/22/2023 09:00	09/22/2023 18:23	SMA
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP-68		
179601-23-1	**p- & m- Xylenes**	**95.2**		ug/L	10.0	10	EPA 8260C	09/22/2023 09:00	09/22/2023 18:23	SMA
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP-68		
99-87-6	p-Isopropyltoluene	ND		ug/L	5.00	10	EPA 8260C	09/22/2023 09:00	09/22/2023 18:23	SMA
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
135-98-8	sec-Butylbenzene	ND		ug/L	5.00	10	EPA 8260C	09/22/2023 09:00	09/22/2023 18:23	SMA
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
100-42-5	Styrene	ND		ug/L	5.00	10	EPA 8260C	09/22/2023 09:00	09/22/2023 18:23	SMA
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
98-06-6	tert-Butylbenzene	ND		ug/L	5.00	10	EPA 8260C	09/22/2023 09:00	09/22/2023 18:23	SMA
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
127-18-4	Tetrachloroethylene	ND	CCVE, ICVE, QL-02	ug/L	5.00	10	EPA 8260C	09/22/2023 09:00	09/22/2023 18:23	SMA
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
109-99-9	Tetrahydrofuran	ND		ug/L	40.0	10	EPA 8260C	09/22/2023 09:00	09/22/2023 18:23	SMA
							Certifications:			
108-88-3	**Toluene**	**6.10**		ug/L	5.00	10	EPA 8260C	09/22/2023 09:00	09/22/2023 18:23	SMA
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-C		
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	5.00	10	EPA 8260C	09/22/2023 09:00	09/22/2023 18:23	SMA
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	5.00	10	EPA 8260C	09/22/2023 09:00	09/22/2023 18:23	SMA
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
110-57-6	trans-1,4-dichloro-2-butene	ND		ug/L	5.00	10	EPA 8260C	09/22/2023 09:00	09/22/2023 18:23	SMA
							Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
79-01-6	Trichloroethylene	ND		ug/L	5.00	10	EPA 8260C	09/22/2023 09:00	09/22/2023 18:23	SMA
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-69-4	Trichlorofluoromethane	ND		ug/L	5.00	10	EPA 8260C	09/22/2023 09:00	09/22/2023 18:23	SMA
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-01-4	Vinyl Chloride	ND		ug/L	5.00	10	EPA 8260C	09/22/2023 09:00	09/22/2023 18:23	SMA
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		

Surrogate Recoveries		Result	Acceptance Range
17060-07-0	*Surrogate: SURR: 1,2-Dichloroethane-d4*	*99.9 %*	*70-130*
2037-26-5	*Surrogate: SURR: Toluene-d8*	*98.9 %*	*70-130*
460-00-4	*Surrogate: SURR: p-Bromofluorobenzene*	*99.8 %*	*70-130*

Extractable Total Petroleum Hydrocarbons (ETPH)

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

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
CT ETPH	**ETPH (Extractable Total Petroleum Hydrocarbons)**	**2.91**		mg/L	0.150	1	CT DEP ETPH	09/22/2023 07:58	09/24/2023 00:40	GXB
							Certifications:	CTDOH-PH-0723		

Surrogate Recoveries	Result	Acceptance Range

Sample Information

Client Sample ID: RW-9 **York Sample ID:** 23I1172-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23I1172	TE 23-007 Region 18	Ground Water	September 18, 2023 10:30 am	09/19/2023

Extractable Total Petroleum Hydrocarbons (ETPH)

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
3386-33-2	*Surrogate: 1-Chlorooctadecane*	*59.1 %*			*30-140*					

Sample Information

Client Sample ID: RW-10 **York Sample ID:** 23I1172-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23I1172	TE 23-007 Region 18	Ground Water	September 18, 2023 11:00 am	09/19/2023

Volatile Organics, CT RCP List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/L	0.500	1	EPA 8260C	09/22/2023 12:30	09/22/2023 22:35	SMA
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
71-55-6	1,1,1-Trichloroethane	ND		ug/L	0.500	1	EPA 8260C	09/22/2023 12:30	09/22/2023 22:35	SMA
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.500	1	EPA 8260C	09/22/2023 12:30	09/22/2023 22:35	SMA
							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	0.500	1	EPA 8260C	09/22/2023 12:30	09/22/2023 22:35	SMA
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.500	1	EPA 8260C	09/22/2023 12:30	09/22/2023 22:35	SMA
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-34-3	1,1-Dichloroethane	ND		ug/L	0.500	1	EPA 8260C	09/22/2023 12:30	09/22/2023 22:35	SMA
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.500	1	EPA 8260C	09/22/2023 12:30	09/22/2023 22:35	SMA
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
563-58-6	1,1-Dichloropropylene	ND		ug/L	0.500	1	EPA 8260C	09/22/2023 12:30	09/22/2023 22:35	SMA
							Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005		
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	0.500	1	EPA 8260C	09/22/2023 12:30	09/22/2023 22:35	SMA
							Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
96-18-4	1,2,3-Trichloropropane	ND		ug/L	0.500	1	EPA 8260C	09/22/2023 12:30	09/22/2023 22:35	SMA
							Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.500	1	EPA 8260C	09/22/2023 12:30	09/22/2023 22:35	SMA
							Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
95-63-6	**1,2,4-Trimethylbenzene**	**141**		ug/L	2.50	5	EPA 8260C	09/25/2023 09:00	09/25/2023 12:41	SMA
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-C		
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.500	1	EPA 8260C	09/22/2023 12:30	09/22/2023 22:35	SMA
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
106-93-4	1,2-Dibromoethane	ND		ug/L	0.500	1	EPA 8260C	09/22/2023 12:30	09/22/2023 22:35	SMA
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.500	1	EPA 8260C	09/22/2023 12:30	09/22/2023 22:35	SMA
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		

Sample Information

Client Sample ID: RW-10 **York Sample ID:** 23I1172-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23I1172	TE 23-007 Region 18	Ground Water	September 18, 2023 11:00 am	09/19/2023

Volatile Organics, CT RCP List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
107-06-2	1,2-Dichloroethane	ND		ug/L	0.500	1	EPA 8260C	09/22/2023 12:30	09/22/2023 22:35	SMA
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
78-87-5	1,2-Dichloropropane	ND		ug/L	0.500	1	EPA 8260C	09/22/2023 12:30	09/22/2023 22:35	SMA
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-67-8	**1,3,5-Trimethylbenzene**	**24.0**		ug/L	0.500	1	EPA 8260C	09/22/2023 12:30	09/22/2023 22:35	SMA
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.500	1	EPA 8260C	09/22/2023 12:30	09/22/2023 22:35	SMA
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
142-28-9	1,3-Dichloropropane	ND		ug/L	0.500	1	EPA 8260C	09/22/2023 12:30	09/22/2023 22:35	SMA
							Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.500	1	EPA 8260C	09/22/2023 12:30	09/22/2023 22:35	SMA
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
594-20-7	2,2-Dichloropropane	ND		ug/L	0.500	1	EPA 8260C	09/22/2023 12:30	09/22/2023 22:35	SMA
							Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
78-93-3	**2-Butanone**	**2.46**	ICVE	ug/L	0.500	1	EPA 8260C	09/22/2023 12:30	09/22/2023 22:35	SMA
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
95-49-8	2-Chlorotoluene	ND		ug/L	0.500	1	EPA 8260C	09/22/2023 12:30	09/22/2023 22:35	SMA
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
591-78-6	**2-Hexanone**	**0.640**		ug/L	0.500	1	EPA 8260C	09/22/2023 12:30	09/22/2023 22:35	SMA
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
106-43-4	4-Chlorotoluene	ND		ug/L	0.500	1	EPA 8260C	09/22/2023 12:30	09/22/2023 22:35	SMA
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-10-1	4-Methyl-2-pentanone	ND		ug/L	0.500	1	EPA 8260C	09/22/2023 12:30	09/22/2023 22:35	SMA
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
67-64-1	Acetone	ND		ug/L	2.00	1	EPA 8260C	09/22/2023 12:30	09/22/2023 22:35	SMA
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
107-13-1	Acrylonitrile	ND		ug/L	0.500	1	EPA 8260C	09/22/2023 12:30	09/22/2023 22:35	SMA
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
71-43-2	**Benzene**	**16.7**		ug/L	0.500	1	EPA 8260C	09/22/2023 12:30	09/22/2023 22:35	SMA
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-86-1	Bromobenzene	ND		ug/L	0.500	1	EPA 8260C	09/22/2023 12:30	09/22/2023 22:35	SMA
							Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
74-97-5	Bromochloromethane	ND		ug/L	0.500	1	EPA 8260C	09/22/2023 12:30	09/22/2023 22:35	SMA
							Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
75-27-4	Bromodichloromethane	ND		ug/L	0.500	1	EPA 8260C	09/22/2023 12:30	09/22/2023 22:35	SMA
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-25-2	Bromoform	ND		ug/L	0.500	1	EPA 8260C	09/22/2023 12:30	09/22/2023 22:35	SMA
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
74-83-9	Bromomethane	ND	CCVE	ug/L	0.500	1	EPA 8260C	09/22/2023 12:30	09/22/2023 22:35	SMA
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-15-0	Carbon disulfide	ND		ug/L	0.500	1	EPA 8260C	09/22/2023 12:30	09/22/2023 22:35	SMA
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
56-23-5	Carbon tetrachloride	ND		ug/L	0.500	1	EPA 8260C	09/22/2023 12:30	09/22/2023 22:35	SMA
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-90-7	Chlorobenzene	ND		ug/L	0.500	1	EPA 8260C	09/22/2023 12:30	09/22/2023 22:35	SMA
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		

Sample Information

Client Sample ID: **RW-10** **York Sample ID:** **23I1172-04**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23I1172	TE 23-007 Region 18	Ground Water	September 18, 2023 11:00 am	09/19/2023

Volatile Organics, CT RCP List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
75-00-3	Chloroethane	ND		ug/L	0.500	1	EPA 8260C	09/22/2023 12:30	09/22/2023 22:35	SMA
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
67-66-3	Chloroform	ND		ug/L	0.500	1	EPA 8260C	09/22/2023 12:30	09/22/2023 22:35	SMA
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
74-87-3	Chloromethane	ND		ug/L	0.500	1	EPA 8260C	09/22/2023 12:30	09/22/2023 22:35	SMA
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
156-59-2	cis-1,2-Dichloroethylene	ND		ug/L	0.500	1	EPA 8260C	09/22/2023 12:30	09/22/2023 22:35	SMA
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.500	1	EPA 8260C	09/22/2023 12:30	09/22/2023 22:35	SMA
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
124-48-1	Dibromochloromethane	ND		ug/L	0.500	1	EPA 8260C	09/22/2023 12:30	09/22/2023 22:35	SMA
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
74-95-3	Dibromomethane	ND		ug/L	0.500	1	EPA 8260C	09/22/2023 12:30	09/22/2023 22:35	SMA
							Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.500	1	EPA 8260C	09/22/2023 12:30	09/22/2023 22:35	SMA
							Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
100-41-4	**Ethyl Benzene**	**34.8**		ug/L	0.500	1	EPA 8260C	09/22/2023 12:30	09/22/2023 22:35	SMA
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-C		
87-68-3	Hexachlorobutadiene	ND		ug/L	0.500	1	EPA 8260C	09/22/2023 12:30	09/22/2023 22:35	SMA
							Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
98-82-8	**Isopropylbenzene**	**5.60**		ug/L	0.500	1	EPA 8260C	09/22/2023 12:30	09/22/2023 22:35	SMA
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-C		
80-62-6	Methyl Methacrylate	ND		ug/L	0.500	1	EPA 8260C	09/22/2023 12:30	09/22/2023 22:35	SMA
							Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005		
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.500	1	EPA 8260C	09/22/2023 12:30	09/22/2023 22:35	SMA
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-09-2	Methylene chloride	ND		ug/L	2.00	1	EPA 8260C	09/22/2023 12:30	09/22/2023 22:35	SMA
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
91-20-3	**Naphthalene**	**15.9**		ug/L	2.00	1	EPA 8260C	09/22/2023 12:30	09/22/2023 22:35	SMA
							Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
104-51-8	**n-Butylbenzene**	**1.57**		ug/L	0.500	1	EPA 8260C	09/22/2023 12:30	09/22/2023 22:35	SMA
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-C		
103-65-1	**n-Propylbenzene**	**7.32**		ug/L	0.500	1	EPA 8260C	09/22/2023 12:30	09/22/2023 22:35	SMA
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-C		
95-47-6	**o-Xylene**	**147**		ug/L	2.50	5	EPA 8260C	09/25/2023 09:00	09/25/2023 12:41	SMA
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP-68		
179601-23-1	**p- & m- Xylenes**	**200**		ug/L	5.00	5	EPA 8260C	09/25/2023 09:00	09/25/2023 12:41	SMA
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP-68		
99-87-6	**p-Isopropyltoluene**	**1.35**		ug/L	0.500	1	EPA 8260C	09/22/2023 12:30	09/22/2023 22:35	SMA
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-C		
135-98-8	**sec-Butylbenzene**	**1.65**		ug/L	0.500	1	EPA 8260C	09/22/2023 12:30	09/22/2023 22:35	SMA
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-C		
100-42-5	Styrene	ND		ug/L	0.500	1	EPA 8260C	09/22/2023 12:30	09/22/2023 22:35	SMA
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
98-06-6	tert-Butylbenzene	ND		ug/L	0.500	1	EPA 8260C	09/22/2023 12:30	09/22/2023 22:35	SMA
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		

Sample Information

Client Sample ID: **RW-10** **York Sample ID:** **23I1172-04**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23I1172	TE 23-007 Region 18	Ground Water	September 18, 2023 11:00 am	09/19/2023

Volatile Organics, CT RCP List

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

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
127-18-4	Tetrachloroethylene	ND	ICVE, QL-02	ug/L	0.500	1	EPA 8260C	09/22/2023 12:30	09/22/2023 22:35	SMA
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
109-99-9	Tetrahydrofuran	ND		ug/L	4.00	1	EPA 8260C	09/22/2023 12:30	09/22/2023 22:35	SMA
							Certifications:			
108-88-3	**Toluene**	**33.9**		ug/L	0.500	1	EPA 8260C	09/22/2023 12:30	09/22/2023 22:35	SMA
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-C		
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.500	1	EPA 8260C	09/22/2023 12:30	09/22/2023 22:35	SMA
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.500	1	EPA 8260C	09/22/2023 12:30	09/22/2023 22:35	SMA
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
110-57-6	trans-1,4-dichloro-2-butene	ND		ug/L	0.500	1	EPA 8260C	09/22/2023 12:30	09/22/2023 22:35	SMA
							Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
79-01-6	Trichloroethylene	ND		ug/L	0.500	1	EPA 8260C	09/22/2023 12:30	09/22/2023 22:35	SMA
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-69-4	Trichlorofluoromethane	ND		ug/L	0.500	1	EPA 8260C	09/22/2023 12:30	09/22/2023 22:35	SMA
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-01-4	Vinyl Chloride	ND		ug/L	2.50	5	EPA 8260C	09/25/2023 09:00	09/25/2023 12:41	SMA
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-01-4	Vinyl Chloride	ND		ug/L	0.500	1	EPA 8260C	09/22/2023 12:30	09/22/2023 22:35	SMA
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: SURR: 1,2-Dichloroethane-d4*	*101 %*	*70-130*
17060-07-0	*Surrogate: SURR: 1,2-Dichloroethane-d4*	*98.7 %*	*70-130*
2037-26-5	*Surrogate: SURR: Toluene-d8*	*97.5 %*	*70-130*
2037-26-5	*Surrogate: SURR: Toluene-d8*	*98.3 %*	*70-130*
460-00-4	*Surrogate: SURR: p-Bromofluorobenzene*	*97.6 %*	*70-130*
460-00-4	*Surrogate: SURR: p-Bromofluorobenzene*	*97.1 %*	*70-130*

Semi-Volatiles, CT RCP Scan PAH List

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

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
91-57-6	**2-Methylnaphthalene**	**7.84**		ug/L	5.00	1	EPA 8270D	09/22/2023 14:03	09/24/2023 16:04	KH
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005		

	Surrogate Recoveries	Result	Acceptance Range
4165-60-0	*Surrogate: SURR: Nitrobenzene-d5*	*68.7 %*	*30-130*
321-60-8	*Surrogate: SURR: 2-Fluorobiphenyl*	*63.0 %*	*30-130*
1718-51-0	*Surrogate: SURR: Terphenyl-d14*	*57.6 %*	*30-130*

Semi-volatiles, CT RCP PAH List

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

Sample Information

Client Sample ID: **RW-10**

York Sample ID: **23I1172-04**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23I1172	TE 23-007 Region 18	Ground Water	September 18, 2023 11:00 am	09/19/2023

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
83-32-9	**Acenaphthene**	**0.340**	ICVE	ug/L	0.0500	1	EPA 8270D SIM	09/22/2023 14:03	09/24/2023 18:00	KH
							Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005			
208-96-8	**Acenaphthylene**	**0.160**	ICVE	ug/L	0.0500	1	EPA 8270D SIM	09/22/2023 14:03	09/24/2023 18:00	KH
							Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005			
120-12-7	Anthracene	ND	ICVE	ug/L	0.0500	1	EPA 8270D SIM	09/22/2023 14:03	09/24/2023 18:00	KH
							Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005			
56-55-3	Benzo(a)anthracene	ND	ICVE	ug/L	0.0500	1	EPA 8270D SIM	09/22/2023 14:03	09/24/2023 18:00	KH
							Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005			
50-32-8	Benzo(a)pyrene	ND	ICVE	ug/L	0.0500	1	EPA 8270D SIM	09/22/2023 14:03	09/24/2023 18:00	KH
							Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005			
205-99-2	Benzo(b)fluoranthene	ND	ICVE	ug/L	0.0500	1	EPA 8270D SIM	09/22/2023 14:03	09/24/2023 18:00	KH
							Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005			
191-24-2	Benzo(g,h,i)perylene	ND	ICVE	ug/L	0.0500	1	EPA 8270D SIM	09/22/2023 14:03	09/24/2023 18:00	KH
							Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005			
207-08-9	Benzo(k)fluoranthene	ND	ICVE	ug/L	0.0500	1	EPA 8270D SIM	09/22/2023 14:03	09/24/2023 18:00	KH
							Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005			
218-01-9	Chrysene	ND	ICVE	ug/L	0.0500	1	EPA 8270D SIM	09/22/2023 14:03	09/24/2023 18:00	KH
							Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005			
53-70-3	Dibenzo(a,h)anthracene	ND	ICVE	ug/L	0.0500	1	EPA 8270D SIM	09/22/2023 14:03	09/24/2023 18:00	KH
							Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005			
206-44-0	Fluoranthene	ND	ICVE	ug/L	0.0500	1	EPA 8270D SIM	09/22/2023 14:03	09/24/2023 18:00	KH
							Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005			
86-73-7	**Fluorene**	**0.680**	ICVE	ug/L	0.0500	1	EPA 8270D SIM	09/22/2023 14:03	09/24/2023 18:00	KH
							Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005			
193-39-5	Indeno(1,2,3-cd)pyrene	ND	ICVE	ug/L	0.0500	1	EPA 8270D SIM	09/22/2023 14:03	09/24/2023 18:00	KH
							Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005			
91-20-3	**Naphthalene**	**10.6**	B, ICVE	ug/L	0.250	5	EPA 8270D SIM	09/22/2023 14:03	09/25/2023 17:21	KH
							Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005			
85-01-8	**Phenanthrene**	**0.250**	ICVE	ug/L	0.0500	1	EPA 8270D SIM	09/22/2023 14:03	09/24/2023 18:00	KH
							Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005			
129-00-0	Pyrene	ND	ICVE	ug/L	0.0500	1	EPA 8270D SIM	09/22/2023 14:03	09/24/2023 18:00	KH
							Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005			

Extractable Total Petroleum Hydrocarbons (ETPH)

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
CT ETPH	**ETPH (Extractable Total Petroleum Hydrocarbons)**	**1.27**		mg/L	0.150	1	CT DEP ETPH	09/22/2023 07:58	09/24/2023 01:18	GXB
							Certifications: CTDOH-PH-0723			

	Surrogate Recoveries	Result	Acceptance Range
3386-33-2	*Surrogate: 1-Chlorooctadecane*	*48.0 %*	*30-140*

Sample Information

Client Sample ID: **RW-11** **York Sample ID:** **23I1172-05**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23I1172	TE 23-007 Region 18	Ground Water	September 19, 2023 12:00 am	09/19/2023

Volatile Organics, CT RCP List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/L	0.500	1	EPA 8260C	09/22/2023 12:30	09/22/2023 23:03	SMA
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
71-55-6	1,1,1-Trichloroethane	ND		ug/L	0.500	1	EPA 8260C	09/22/2023 12:30	09/22/2023 23:03	SMA
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.500	1	EPA 8260C	09/22/2023 12:30	09/22/2023 23:03	SMA
							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	0.500	1	EPA 8260C	09/22/2023 12:30	09/22/2023 23:03	SMA
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.500	1	EPA 8260C	09/22/2023 12:30	09/22/2023 23:03	SMA
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-34-3	1,1-Dichloroethane	ND		ug/L	0.500	1	EPA 8260C	09/22/2023 12:30	09/22/2023 23:03	SMA
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.500	1	EPA 8260C	09/22/2023 12:30	09/22/2023 23:03	SMA
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
563-58-6	1,1-Dichloropropylene	ND		ug/L	0.500	1	EPA 8260C	09/22/2023 12:30	09/22/2023 23:03	SMA
							Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005		
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	0.500	1	EPA 8260C	09/22/2023 12:30	09/22/2023 23:03	SMA
							Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
96-18-4	1,2,3-Trichloropropane	ND		ug/L	0.500	1	EPA 8260C	09/22/2023 12:30	09/22/2023 23:03	SMA
							Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.500	1	EPA 8260C	09/22/2023 12:30	09/22/2023 23:03	SMA
							Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
95-63-6	**1,2,4-Trimethylbenzene**	**23.6**		ug/L	0.500	1	EPA 8260C	09/22/2023 12:30	09/22/2023 23:03	SMA
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-C		
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.500	1	EPA 8260C	09/22/2023 12:30	09/22/2023 23:03	SMA
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
106-93-4	1,2-Dibromoethane	ND		ug/L	0.500	1	EPA 8260C	09/22/2023 12:30	09/22/2023 23:03	SMA
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.500	1	EPA 8260C	09/22/2023 12:30	09/22/2023 23:03	SMA
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
107-06-2	1,2-Dichloroethane	ND		ug/L	0.500	1	EPA 8260C	09/22/2023 12:30	09/22/2023 23:03	SMA
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
78-87-5	1,2-Dichloropropane	ND		ug/L	0.500	1	EPA 8260C	09/22/2023 12:30	09/22/2023 23:03	SMA
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-67-8	**1,3,5-Trimethylbenzene**	**6.49**		ug/L	0.500	1	EPA 8260C	09/22/2023 12:30	09/22/2023 23:03	SMA
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-C		
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.500	1	EPA 8260C	09/22/2023 12:30	09/22/2023 23:03	SMA
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
142-28-9	1,3-Dichloropropane	ND		ug/L	0.500	1	EPA 8260C	09/22/2023 12:30	09/22/2023 23:03	SMA
							Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.500	1	EPA 8260C	09/22/2023 12:30	09/22/2023 23:03	SMA
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
594-20-7	2,2-Dichloropropane	ND		ug/L	0.500	1	EPA 8260C	09/22/2023 12:30	09/22/2023 23:03	SMA
							Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
78-93-3	2-Butanone	ND	ICVE	ug/L	0.500	1	EPA 8260C	09/22/2023 12:30	09/22/2023 23:03	SMA
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		

Sample Information

Client Sample ID: RW-11 **York Sample ID:** 23I1172-05

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23I1172	TE 23-007 Region 18	Ground Water	September 19, 2023 12:00 am	09/19/2023

Volatile Organics, CT RCP List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
95-49-8	2-Chlorotoluene	ND		ug/L	0.500	1	EPA 8260C	09/22/2023 12:30	09/22/2023 23:03	SMA
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
591-78-6	2-Hexanone	ND		ug/L	0.500	1	EPA 8260C	09/22/2023 12:30	09/22/2023 23:03	SMA
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
106-43-4	4-Chlorotoluene	ND		ug/L	0.500	1	EPA 8260C	09/22/2023 12:30	09/22/2023 23:03	SMA
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-10-1	4-Methyl-2-pentanone	ND		ug/L	0.500	1	EPA 8260C	09/22/2023 12:30	09/22/2023 23:03	SMA
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
67-64-1	Acetone	ND		ug/L	2.00	1	EPA 8260C	09/22/2023 12:30	09/22/2023 23:03	SMA
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
107-13-1	Acrylonitrile	ND		ug/L	0.500	1	EPA 8260C	09/22/2023 12:30	09/22/2023 23:03	SMA
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
71-43-2	Benzene	ND		ug/L	0.500	1	EPA 8260C	09/22/2023 12:30	09/22/2023 23:03	SMA
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-86-1	Bromobenzene	ND		ug/L	0.500	1	EPA 8260C	09/22/2023 12:30	09/22/2023 23:03	SMA
							Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
74-97-5	Bromochloromethane	ND		ug/L	0.500	1	EPA 8260C	09/22/2023 12:30	09/22/2023 23:03	SMA
							Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
75-27-4	Bromodichloromethane	ND		ug/L	0.500	1	EPA 8260C	09/22/2023 12:30	09/22/2023 23:03	SMA
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-25-2	Bromoform	ND		ug/L	0.500	1	EPA 8260C	09/22/2023 12:30	09/22/2023 23:03	SMA
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
74-83-9	Bromomethane	ND	CCVE	ug/L	0.500	1	EPA 8260C	09/22/2023 12:30	09/22/2023 23:03	SMA
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-15-0	Carbon disulfide	ND		ug/L	0.500	1	EPA 8260C	09/22/2023 12:30	09/22/2023 23:03	SMA
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
56-23-5	Carbon tetrachloride	ND		ug/L	0.500	1	EPA 8260C	09/22/2023 12:30	09/22/2023 23:03	SMA
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-90-7	Chlorobenzene	ND		ug/L	0.500	1	EPA 8260C	09/22/2023 12:30	09/22/2023 23:03	SMA
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-00-3	Chloroethane	ND		ug/L	0.500	1	EPA 8260C	09/22/2023 12:30	09/22/2023 23:03	SMA
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
67-66-3	Chloroform	ND		ug/L	0.500	1	EPA 8260C	09/22/2023 12:30	09/22/2023 23:03	SMA
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
74-87-3	Chloromethane	ND		ug/L	0.500	1	EPA 8260C	09/22/2023 12:30	09/22/2023 23:03	SMA
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
156-59-2	cis-1,2-Dichloroethylene	ND		ug/L	0.500	1	EPA 8260C	09/22/2023 12:30	09/22/2023 23:03	SMA
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.500	1	EPA 8260C	09/22/2023 12:30	09/22/2023 23:03	SMA
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
124-48-1	Dibromochloromethane	ND		ug/L	0.500	1	EPA 8260C	09/22/2023 12:30	09/22/2023 23:03	SMA
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
74-95-3	Dibromomethane	ND		ug/L	0.500	1	EPA 8260C	09/22/2023 12:30	09/22/2023 23:03	SMA
							Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.500	1	EPA 8260C	09/22/2023 12:30	09/22/2023 23:03	SMA
							Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		

Sample Information

Client Sample ID: **RW-11** **York Sample ID:** **23I1172-05**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23I1172	TE 23-007 Region 18	Ground Water	September 19, 2023 12:00 am	09/19/2023

Volatile Organics, CT RCP List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
100-41-4	**Ethyl Benzene**	**3.92**		ug/L	0.500	1	EPA 8260C	09/22/2023 12:30	09/22/2023 23:03	SMA
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-C		
87-68-3	Hexachlorobutadiene	ND		ug/L	0.500	1	EPA 8260C	09/22/2023 12:30	09/22/2023 23:03	SMA
							Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
98-82-8	**Isopropylbenzene**	**1.58**		ug/L	0.500	1	EPA 8260C	09/22/2023 12:30	09/22/2023 23:03	SMA
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-C		
80-62-6	Methyl Methacrylate	ND		ug/L	0.500	1	EPA 8260C	09/22/2023 12:30	09/22/2023 23:03	SMA
							Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005		
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.500	1	EPA 8260C	09/22/2023 12:30	09/22/2023 23:03	SMA
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-09-2	Methylene chloride	ND		ug/L	2.00	1	EPA 8260C	09/22/2023 12:30	09/22/2023 23:03	SMA
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
91-20-3	**Naphthalene**	**3.41**		ug/L	2.00	1	EPA 8260C	09/22/2023 12:30	09/22/2023 23:03	SMA
							Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-0		
104-51-8	**n-Butylbenzene**	**9.43**		ug/L	0.500	1	EPA 8260C	09/22/2023 12:30	09/22/2023 23:03	SMA
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-C		
103-65-1	**n-Propylbenzene**	**1.94**		ug/L	0.500	1	EPA 8260C	09/22/2023 12:30	09/22/2023 23:03	SMA
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-C		
95-47-6	**o-Xylene**	**20.5**		ug/L	0.500	1	EPA 8260C	09/22/2023 12:30	09/22/2023 23:03	SMA
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP-68		
179601-23-1	**p- & m- Xylenes**	**20.2**		ug/L	1.00	1	EPA 8260C	09/22/2023 12:30	09/22/2023 23:03	SMA
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP-68		
99-87-6	**p-Isopropyltoluene**	**0.820**		ug/L	0.500	1	EPA 8260C	09/22/2023 12:30	09/22/2023 23:03	SMA
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-C		
135-98-8	**sec-Butylbenzene**	**0.920**		ug/L	0.500	1	EPA 8260C	09/22/2023 12:30	09/22/2023 23:03	SMA
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-C		
100-42-5	Styrene	ND		ug/L	0.500	1	EPA 8260C	09/22/2023 12:30	09/22/2023 23:03	SMA
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
98-06-6	tert-Butylbenzene	ND		ug/L	0.500	1	EPA 8260C	09/22/2023 12:30	09/22/2023 23:03	SMA
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
127-18-4	Tetrachloroethylene	ND	ICVE, QL-02	ug/L	0.500	1	EPA 8260C	09/22/2023 12:30	09/22/2023 23:03	SMA
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
109-99-9	Tetrahydrofuran	ND		ug/L	4.00	1	EPA 8260C	09/22/2023 12:30	09/22/2023 23:03	SMA
							Certifications:			
108-88-3	**Toluene**	**2.14**		ug/L	0.500	1	EPA 8260C	09/22/2023 12:30	09/22/2023 23:03	SMA
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-C		
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.500	1	EPA 8260C	09/22/2023 12:30	09/22/2023 23:03	SMA
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.500	1	EPA 8260C	09/22/2023 12:30	09/22/2023 23:03	SMA
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
110-57-6	trans-1,4-dichloro-2-butene	ND		ug/L	0.500	1	EPA 8260C	09/22/2023 12:30	09/22/2023 23:03	SMA
							Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
79-01-6	Trichloroethylene	ND		ug/L	0.500	1	EPA 8260C	09/22/2023 12:30	09/22/2023 23:03	SMA
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-69-4	Trichlorofluoromethane	ND		ug/L	0.500	1	EPA 8260C	09/22/2023 12:30	09/22/2023 23:03	SMA
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		

Sample Information

Client Sample ID: RW-11 **York Sample ID:** 23I1172-05

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23I1172	TE 23-007 Region 18	Ground Water	September 19, 2023 12:00 am	09/19/2023

Volatile Organics, CT RCP List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
75-01-4	Vinyl Chloride	ND		ug/L	0.500	1	EPA 8260C Certifications:	09/22/2023 12:30 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	09/22/2023 23:03	SMA

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: SURR: 1,2-Dichloroethane-d4*	*99.3 %*	*70-130*
2037-26-5	*Surrogate: SURR: Toluene-d8*	*98.6 %*	*70-130*
460-00-4	*Surrogate: SURR: p-Bromofluorobenzene*	*99.0 %*	*70-130*

Semi-Volatiles, CT RCP Scan PAH List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
91-57-6	2-Methylnaphthalene	ND		ug/L	5.00	1	EPA 8270D Certifications:	09/23/2023 14:21 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005	09/25/2023 20:04	KH

	Surrogate Recoveries	Result	Acceptance Range
4165-60-0	*Surrogate: SURR: Nitrobenzene-d5*	*54.6 %*	*30-130*
321-60-8	*Surrogate: SURR: 2-Fluorobiphenyl*	*51.3 %*	*30-130*
1718-51-0	*Surrogate: SURR: Terphenyl-d14*	*37.6 %*	*30-130*

Semi-volatiles, CT RCP PAH List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
83-32-9	Acenaphthene	ND	ICVE	ug/L	0.0500	1	EPA 8270D SIM Certifications:	09/23/2023 14:21 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005	09/25/2023 20:07	KH
208-96-8	Acenaphthylene	ND	ICVE	ug/L	0.0500	1	EPA 8270D SIM Certifications:	09/23/2023 14:21 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005	09/25/2023 20:07	KH
120-12-7	Anthracene	ND	ICVE	ug/L	0.0500	1	EPA 8270D SIM Certifications:	09/23/2023 14:21 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005	09/25/2023 20:07	KH
56-55-3	Benzo(a)anthracene	ND	ICVE	ug/L	0.0500	1	EPA 8270D SIM Certifications:	09/23/2023 14:21 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005	09/25/2023 20:07	KH
50-32-8	Benzo(a)pyrene	ND	ICVE	ug/L	0.0500	1	EPA 8270D SIM Certifications:	09/23/2023 14:21 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005	09/25/2023 20:07	KH
205-99-2	Benzo(b)fluoranthene	ND	ICVE	ug/L	0.0500	1	EPA 8270D SIM Certifications:	09/23/2023 14:21 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005	09/25/2023 20:07	KH
191-24-2	Benzo(g,h,i)perylene	ND	ICVE	ug/L	0.0500	1	EPA 8270D SIM Certifications:	09/23/2023 14:21 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005	09/25/2023 20:07	KH
207-08-9	Benzo(k)fluoranthene	ND	ICVE	ug/L	0.0500	1	EPA 8270D SIM Certifications:	09/23/2023 14:21 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005	09/25/2023 20:07	KH
218-01-9	Chrysene	ND	ICVE	ug/L	0.0500	1	EPA 8270D SIM Certifications:	09/23/2023 14:21 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005	09/25/2023 20:07	KH
53-70-3	Dibenzo(a,h)anthracene	ND	ICVE	ug/L	0.0500	1	EPA 8270D SIM Certifications:	09/23/2023 14:21 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005	09/25/2023 20:07	KH

Sample Information

Client Sample ID: RW-11 **York Sample ID:** 23I1172-05

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23I1172	TE 23-007 Region 18	Ground Water	September 19, 2023 12:00 am	09/19/2023

Semi-volatiles, CT RCP PAH List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
206-44-0	Fluoranthene	ND	ICVE	ug/L	0.0500	1	EPA 8270D SIM Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005	09/23/2023 14:21	09/25/2023 20:07	KH
86-73-7	Fluorene	ND	ICVE	ug/L	0.0500	1	EPA 8270D SIM Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005	09/23/2023 14:21	09/25/2023 20:07	KH
193-39-5	Indeno(1,2,3-cd)pyrene	ND	ICVE	ug/L	0.0500	1	EPA 8270D SIM Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005	09/23/2023 14:21	09/25/2023 20:07	KH
91-20-3	**Naphthalene**	**0.0600**	ICVE	ug/L	0.0500	1	EPA 8270D SIM Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005	09/23/2023 14:21	09/25/2023 20:07	KH
85-01-8	Phenanthrene	ND	ICVE	ug/L	0.0500	1	EPA 8270D SIM Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005	09/23/2023 14:21	09/25/2023 20:07	KH
129-00-0	Pyrene	ND	ICVE	ug/L	0.0500	1	EPA 8270D SIM Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005	09/23/2023 14:21	09/25/2023 20:07	KH

Extractable Total Petroleum Hydrocarbons (ETPH)

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
CT ETPH	**ETPH (Extractable Total Petroleum Hydrocarbons)**	**0.494**		mg/L	0.150	1	CT DEP ETPH Certifications: CTDOH-PH-0723	09/26/2023 08:43	09/26/2023 17:26	GXB

Surrogate Recoveries	Result	Acceptance Range
3386-33-2 *Surrogate: 1-Chlorooctadecane*	*58.4 %*	*30-140*

Analytical Batch Summary

Batch ID: BI31399 **Preparation Method:** EPA 3510C **Prepared By:** SCC

YORK Sample ID	Client Sample ID	Preparation Date
23I1172-01	RW-7	09/22/23
23I1172-02	RW-8	09/22/23
23I1172-03	RW-9	09/22/23
23I1172-04	RW-10	09/22/23
BI31399-BLK1	Blank	09/22/23
BI31399-BS1	LCS	09/22/23
BI31399-BSD1	LCS Dup	09/22/23

Batch ID: BI31420 **Preparation Method:** EPA 5030B **Prepared By:** SMA

YORK Sample ID	Client Sample ID	Preparation Date
23I1172-01	RW-7	09/22/23
23I1172-02	RW-8	09/22/23
23I1172-03	RW-9	09/22/23
BI31420-BLK1	Blank	09/22/23
BI31420-BS1	LCS	09/22/23
BI31420-BSD1	LCS Dup	09/22/23

Batch ID: BI31442 **Preparation Method:** EPA 3510C **Prepared By:** JG

YORK Sample ID	Client Sample ID	Preparation Date
23I1172-04	RW-10	09/22/23
23I1172-04RE1	RW-10	09/22/23
BI31442-BLK1	Blank	09/22/23
BI31442-BLK2	Blank	09/22/23
BI31442-BS1	LCS	09/22/23
BI31442-BS2	LCS	09/22/23
BI31442-BSD1	LCS Dup	09/22/23

Batch ID: BI31446 **Preparation Method:** EPA 5030B **Prepared By:** SMA

YORK Sample ID	Client Sample ID	Preparation Date
23I1172-04	RW-10	09/22/23
23I1172-05	RW-11	09/22/23
BI31446-BLK1	Blank	09/22/23
BI31446-BS1	LCS	09/22/23
BI31446-BSD1	LCS Dup	09/22/23

Batch ID: BI31491 **Preparation Method:** EPA 3510C **Prepared By:** JM

YORK Sample ID	Client Sample ID	Preparation Date
23I1172-05	RW-11	09/23/23
BI31491-BLK2	Blank	09/23/23

BI31491-BS2	LCS	09/23/23

Batch ID: BI31535 **Preparation Method:** EPA 5030B **Prepared By:** SMA

YORK Sample ID	Client Sample ID	Preparation Date
23I1172-01RE1	RW-7	09/25/23
23I1172-02RE1	RW-8	09/25/23
23I1172-04RE1	RW-10	09/25/23
BI31535-BLK1	Blank	09/25/23
BI31535-BS1	LCS	09/25/23
BI31535-BSD1	LCS Dup	09/25/23

Batch ID: BI31611 **Preparation Method:** EPA 3510C **Prepared By:** JM

YORK Sample ID	Client Sample ID	Preparation Date
23I1172-05	RW-11	09/26/23
BI31611-BLK1	Blank	09/26/23
BI31611-BS1	LCS	09/26/23
BI31611-BSD1	LCS Dup	09/26/23

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BI31420 - EPA 5030B											
Blank (BI31420-BLK1)											Prepared & Analyzed: 09/22/2023
1,1,1,2-Tetrachloroethane	ND	0.500	ug/L								
1,1,1-Trichloroethane	ND	0.500	"								
1,1,2,2-Tetrachloroethane	ND	0.500	"								
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	0.500	"								
1,1,2-Trichloroethane	ND	0.500	"								
1,1-Dichloroethane	ND	0.500	"								
1,1-Dichloroethylene	ND	0.500	"								
1,1-Dichloropropylene	ND	0.500	"								
1,2,3-Trichlorobenzene	ND	0.500	"								
1,2,3-Trichloropropane	ND	0.500	"								
1,2,4-Trichlorobenzene	ND	0.500	"								
1,2,4-Trimethylbenzene	ND	0.500	"								
1,2-Dibromo-3-chloropropane	ND	0.500	"								
1,2-Dibromoethane	ND	0.500	"								
1,2-Dichlorobenzene	ND	0.500	"								
1,2-Dichloroethane	ND	0.500	"								
1,2-Dichloropropane	ND	0.500	"								
1,3,5-Trimethylbenzene	ND	0.500	"								
1,3-Dichlorobenzene	ND	0.500	"								
1,3-Dichloropropane	ND	0.500	"								
1,4-Dichlorobenzene	ND	0.500	"								
2,2-Dichloropropane	ND	0.500	"								
2-Butanone	ND	0.500	"								
2-Chlorotoluene	ND	0.500	"								
2-Hexanone	ND	0.500	"								
4-Chlorotoluene	ND	0.500	"								
4-Methyl-2-pentanone	ND	0.500	"								
Acetone	ND	2.00	"								
Acrylonitrile	ND	0.500	"								
Benzene	ND	0.500	"								
Bromobenzene	ND	0.500	"								
Bromochloromethane	ND	0.500	"								
Bromodichloromethane	ND	0.500	"								
Bromoform	ND	0.500	"								
Bromomethane	ND	0.500	"								
Carbon disulfide	ND	0.500	"								
Carbon tetrachloride	ND	0.500	"								
Chlorobenzene	ND	0.500	"								
Chloroethane	ND	0.500	"								
Chloroform	ND	0.500	"								
Chloromethane	ND	0.500	"								
cis-1,2-Dichloroethylene	ND	0.500	"								
cis-1,3-Dichloropropylene	ND	0.500	"								
Dibromochloromethane	ND	0.500	"								
Dibromomethane	ND	0.500	"								
Dichlorodifluoromethane	ND	0.500	"								
Ethyl Benzene	ND	0.500	"								
Hexachlorobutadiene	ND	0.500	"								
Isopropylbenzene	ND	0.500	"								

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BI31420 - EPA 5030B											
Blank (BI31420-BLK1)									Prepared & Analyzed: 09/22/2023		
Methyl Methacrylate	ND	0.500	ug/L								
Methyl tert-butyl ether (MTBE)	ND	0.500	"								
Methylene chloride	ND	2.00	"								
Naphthalene	ND	2.00	"								
n-Butylbenzene	ND	0.500	"								
n-Propylbenzene	ND	0.500	"								
o-Xylene	ND	0.500	"								
p- & m- Xylenes	ND	1.00	"								
p-Isopropyltoluene	ND	0.500	"								
sec-Butylbenzene	ND	0.500	"								
Styrene	ND	0.500	"								
tert-Butylbenzene	ND	0.500	"								
Tetrachloroethylene	ND	0.500	"								
Tetrahydrofuran	ND	4.00	"								
Toluene	ND	0.500	"								
trans-1,2-Dichloroethylene	ND	0.500	"								
trans-1,3-Dichloropropylene	ND	0.500	"								
trans-1,4-dichloro-2-butene	ND	0.500	"								
Trichloroethylene	ND	0.500	"								
Trichlorofluoromethane	ND	0.500	"								
Vinyl Chloride	ND	0.500	"								
Surrogate: SURR: 1,2-Dichloroethane-d4	*9.77*		*"*	*10.0*		*97.7*	*70-130*				
Surrogate: SURR: Toluene-d8	*10.0*		*"*	*10.0*		*100*	*70-130*				
Surrogate: SURR: p-Bromofluorobenzene	*10.2*		*"*	*10.0*		*102*	*70-130*				
LCS (BI31420-BS1)									Prepared & Analyzed: 09/22/2023		
1,1,1,2-Tetrachloroethane	9.70		ug/L	10.0		97.0	70-130				
1,1,1-Trichloroethane	9.39		"	10.0		93.9	70-130				
1,1,2,2-Tetrachloroethane	10.8		"	10.0		108	70-130				
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	9.12		"	10.0		91.2	70-130				
1,1,2-Trichloroethane	9.57		"	10.0		95.7	70-130				
1,1-Dichloroethane	9.02		"	10.0		90.2	70-130				
1,1-Dichloroethylene	9.12		"	10.0		91.2	70-130				
1,1-Dichloropropylene	8.83		"	10.0		88.3	70-130				
1,2,3-Trichlorobenzene	8.84		"	10.0		88.4	70-130				
1,2,3-Trichloropropane	9.88		"	10.0		98.8	70-130				
1,2,4-Trichlorobenzene	9.02		"	10.0		90.2	70-130				
1,2,4-Trimethylbenzene	9.43		"	10.0		94.3	70-130				
1,2-Dibromo-3-chloropropane	8.25		"	10.0		82.5	70-130				
1,2-Dibromoethane	9.82		"	10.0		98.2	70-130				
1,2-Dichlorobenzene	9.63		"	10.0		96.3	70-130				
1,2-Dichloroethane	9.34		"	10.0		93.4	70-130				
1,2-Dichloropropane	9.56		"	10.0		95.6	70-130				
1,3,5-Trimethylbenzene	9.12		"	10.0		91.2	70-130				
1,3-Dichlorobenzene	9.46		"	10.0		94.6	70-130				
1,3-Dichloropropane	9.55		"	10.0		95.5	70-130				
1,4-Dichlorobenzene	9.45		"	10.0		94.5	70-130				
2,2-Dichloropropane	10.1		"	10.0		101	70-130				
2-Butanone	7.95		"	10.0		79.5	70-130				
2-Chlorotoluene	9.39		"	10.0		93.9	70-130				

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BI31420 - EPA 5030B											
LCS (BI31420-BS1)								Prepared & Analyzed: 09/22/2023			
2-Hexanone	8.41		ug/L	10.0		84.1	70-130				
4-Chlorotoluene	9.59		"	10.0		95.9	70-130				
4-Methyl-2-pentanone	9.14		"	10.0		91.4	70-130				
Acetone	15.1		"	10.0		151	70-130	High Bias			
Acrylonitrile	9.68		"	10.0		96.8	70-130				
Benzene	9.71		"	10.0		97.1	70-130				
Bromobenzene	9.37		"	10.0		93.7	70-130				
Bromochloromethane	9.64		"	10.0		96.4	70-130				
Bromodichloromethane	9.53		"	10.0		95.3	70-130				
Bromoform	8.49		"	10.0		84.9	70-130				
Bromomethane	6.06		"	10.0		60.6	70-130	Low Bias			
Carbon disulfide	9.81		"	10.0		98.1	70-130				
Carbon tetrachloride	9.41		"	10.0		94.1	70-130				
Chlorobenzene	10.1		"	10.0		101	70-130				
Chloroethane	9.33		"	10.0		93.3	70-130				
Chloroform	9.47		"	10.0		94.7	70-130				
Chloromethane	8.89		"	10.0		88.9	70-130				
cis-1,2-Dichloroethylene	9.38		"	10.0		93.8	70-130				
cis-1,3-Dichloropropylene	9.52		"	10.0		95.2	70-130				
Dibromochloromethane	8.53		"	10.0		85.3	70-130				
Dibromomethane	9.47		"	10.0		94.7	70-130				
Dichlorodifluoromethane	8.39		"	10.0		83.9	70-130				
Ethyl Benzene	9.42		"	10.0		94.2	70-130				
Hexachlorobutadiene	8.60		"	10.0		86.0	70-130				
Isopropylbenzene	9.46		"	10.0		94.6	70-130				
Methyl Methacrylate	8.28		"	10.0		82.8	70-130				
Methyl tert-butyl ether (MTBE)	9.60		"	10.0		96.0	70-130				
Methylene chloride	9.48		"	10.0		94.8	70-130				
Naphthalene	9.34		"	10.0		93.4	70-130				
n-Butylbenzene	8.79		"	10.0		87.9	70-130				
n-Propylbenzene	9.27		"	10.0		92.7	70-130				
o-Xylene	9.44		"	10.0		94.4	70-130				
p- & m- Xylenes	19.2		"	20.0		96.2	70-130				
p-Isopropyltoluene	9.00		"	10.0		90.0	70-130				
sec-Butylbenzene	8.89		"	10.0		88.9	70-130				
Styrene	9.80		"	10.0		98.0	70-130				
tert-Butylbenzene	9.13		"	10.0		91.3	70-130				
Tetrachloroethylene	5.03		"	10.0		50.3	70-130	Low Bias			
Tetrahydrofuran	8.78		"	10.0		87.8	70-130				
Toluene	9.48		"	10.0		94.8	70-130				
trans-1,2-Dichloroethylene	9.30		"	10.0		93.0	70-130				
trans-1,3-Dichloropropylene	9.45		"	10.0		94.5	70-130				
trans-1,4-dichloro-2-butene	9.05		"	10.0		90.5	70-130				
Trichloroethylene	8.83		"	10.0		88.3	70-130				
Trichlorofluoromethane	9.24		"	10.0		92.4	70-130				
Vinyl Chloride	8.76		"	10.0		87.6	70-130				
Surrogate: SURR: 1,2-Dichloroethane-d4	*9.68*		*"*	*10.0*		*96.8*	*70-130*				
Surrogate: SURR: Toluene-d8	*9.98*		*"*	*10.0*		*99.8*	*70-130*				
Surrogate: SURR: p-Bromofluorobenzene	*9.89*		*"*	*10.0*		*98.9*	*70-130*				

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BI31420 - EPA 5030B											
LCS Dup (BI31420-BSD1)								Prepared & Analyzed: 09/22/2023			
1,1,1,2-Tetrachloroethane	10.1		ug/L	10.0		101	70-130		3.84	30	
1,1,1-Trichloroethane	9.84		"	10.0		98.4	70-130		4.68	30	
1,1,2,2-Tetrachloroethane	11.2		"	10.0		112	70-130		3.63	30	
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	9.65		"	10.0		96.5	70-130		5.65	30	
1,1,2-Trichloroethane	10.0		"	10.0		100	70-130		4.59	30	
1,1-Dichloroethane	9.56		"	10.0		95.6	70-130		5.81	30	
1,1-Dichloroethylene	9.55		"	10.0		95.5	70-130		4.61	30	
1,1-Dichloropropylene	9.25		"	10.0		92.5	70-130		4.65	30	
1,2,3-Trichlorobenzene	9.66		"	10.0		96.6	70-130		8.86	30	
1,2,3-Trichloropropane	10.4		"	10.0		104	70-130		4.74	30	
1,2,4-Trichlorobenzene	9.67		"	10.0		96.7	70-130		6.96	30	
1,2,4-Trimethylbenzene	9.77		"	10.0		97.7	70-130		3.54	30	
1,2-Dibromo-3-chloropropane	8.78		"	10.0		87.8	70-130		6.22	30	
1,2-Dibromoethane	10.3		"	10.0		103	70-130		5.16	30	
1,2-Dichlorobenzene	10.0		"	10.0		100	70-130		3.87	30	
1,2-Dichloroethane	9.99		"	10.0		99.9	70-130		6.73	30	
1,2-Dichloropropane	9.94		"	10.0		99.4	70-130		3.90	30	
1,3,5-Trimethylbenzene	9.52		"	10.0		95.2	70-130		4.29	30	
1,3-Dichlorobenzene	9.81		"	10.0		98.1	70-130		3.63	30	
1,3-Dichloropropane	10.0		"	10.0		100	70-130		4.70	30	
1,4-Dichlorobenzene	9.76		"	10.0		97.6	70-130		3.23	30	
2,2-Dichloropropane	10.5		"	10.0		105	70-130		4.26	30	
2-Butanone	8.69		"	10.0		86.9	70-130		8.89	30	
2-Chlorotoluene	9.76		"	10.0		97.6	70-130		3.86	30	
2-Hexanone	8.98		"	10.0		89.8	70-130		6.56	30	
4-Chlorotoluene	9.91		"	10.0		99.1	70-130		3.28	30	
4-Methyl-2-pentanone	9.78		"	10.0		97.8	70-130		6.77	30	
Acetone	16.6		"	10.0		166	70-130	High Bias	9.72	30	
Acrylonitrile	10.6		"	10.0		106	70-130		9.26	30	
Benzene	10.2		"	10.0		102	70-130		5.22	30	
Bromobenzene	9.62		"	10.0		96.2	70-130		2.63	30	
Bromochloromethane	10.1		"	10.0		101	70-130		4.56	30	
Bromodichloromethane	9.95		"	10.0		99.5	70-130		4.31	30	
Bromoform	9.03		"	10.0		90.3	70-130		6.16	30	
Bromomethane	7.40		"	10.0		74.0	70-130		19.9	30	
Carbon disulfide	10.2		"	10.0		102	70-130		4.19	30	
Carbon tetrachloride	9.83		"	10.0		98.3	70-130		4.37	30	
Chlorobenzene	10.5		"	10.0		105	70-130		4.09	30	
Chloroethane	9.91		"	10.0		99.1	70-130		6.03	30	
Chloroform	10.0		"	10.0		100	70-130		5.84	30	
Chloromethane	9.14		"	10.0		91.4	70-130		2.77	30	
cis-1,2-Dichloroethylene	9.88		"	10.0		98.8	70-130		5.19	30	
cis-1,3-Dichloropropylene	9.87		"	10.0		98.7	70-130		3.61	30	
Dibromochloromethane	9.05		"	10.0		90.5	70-130		5.92	30	
Dibromomethane	9.97		"	10.0		99.7	70-130		5.14	30	
Dichlorodifluoromethane	8.82		"	10.0		88.2	70-130		5.00	30	
Ethyl Benzene	9.88		"	10.0		98.8	70-130		4.77	30	
Hexachlorobutadiene	9.20		"	10.0		92.0	70-130		6.74	30	
Isopropylbenzene	9.85		"	10.0		98.5	70-130		4.04	30	
Methyl Methacrylate	8.73		"	10.0		87.3	70-130		5.29	30	

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BI31420 - EPA 5030B											
LCS Dup (BI31420-BSD1)								Prepared & Analyzed: 09/22/2023			
Methyl tert-butyl ether (MTBE)	10.3		ug/L	10.0		103	70-130		7.04	30	
Methylene chloride	9.95		"	10.0		99.5	70-130		4.84	30	
Naphthalene	10.1		"	10.0		101	70-130		8.21	30	
n-Butylbenzene	9.58		"	10.0		95.8	70-130		8.60	30	
n-Propylbenzene	9.72		"	10.0		97.2	70-130		4.74	30	
o-Xylene	9.90		"	10.0		99.0	70-130		4.76	30	
p- & m- Xylenes	20.3		"	20.0		101	70-130		5.31	30	
p-Isopropyltoluene	9.69		"	10.0		96.9	70-130		7.38	30	
sec-Butylbenzene	9.59		"	10.0		95.9	70-130		7.58	30	
Styrene	10.4		"	10.0		104	70-130		5.75	30	
tert-Butylbenzene	9.68		"	10.0		96.8	70-130		5.85	30	
Tetrachloroethylene	5.26		"	10.0		52.6	70-130	Low Bias	4.47	30	
Tetrahydrofuran	9.36		"	10.0		93.6	70-130		6.39	30	
Toluene	9.88		"	10.0		98.8	70-130		4.13	30	
trans-1,2-Dichloroethylene	9.74		"	10.0		97.4	70-130		4.62	30	
trans-1,3-Dichloropropylene	9.86		"	10.0		98.6	70-130		4.25	30	
trans-1,4-dichloro-2-butene	9.44		"	10.0		94.4	70-130		4.22	30	
Trichloroethylene	9.07		"	10.0		90.7	70-130		2.68	30	
Trichlorofluoromethane	9.78		"	10.0		97.8	70-130		5.68	30	
Vinyl Chloride	9.32		"	10.0		93.2	70-130		6.19	30	
Surrogate: SURR: 1,2-Dichloroethane-d4	*10.0*		*"*	*10.0*		*100*	*70-130*				
Surrogate: SURR: Toluene-d8	*9.88*		*"*	*10.0*		*98.8*	*70-130*				
Surrogate: SURR: p-Bromofluorobenzene	*9.73*		*"*	*10.0*		*97.3*	*70-130*				
Batch BI31446 - EPA 5030B											
Blank (BI31446-BLK1)								Prepared & Analyzed: 09/22/2023			
1,1,1,2-Tetrachloroethane	ND	0.500	ug/L								
1,1,1-Trichloroethane	ND	0.500	"								
1,1,2,2-Tetrachloroethane	ND	0.500	"								
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	0.500	"								
1,1,2-Trichloroethane	ND	0.500	"								
1,1-Dichloroethane	ND	0.500	"								
1,1-Dichloroethylene	ND	0.500	"								
1,1-Dichloropropylene	ND	0.500	"								
1,2,3-Trichlorobenzene	ND	0.500	"								
1,2,3-Trichloropropane	ND	0.500	"								
1,2,4-Trichlorobenzene	ND	0.500	"								
1,2,4-Trimethylbenzene	ND	0.500	"								
1,2-Dibromo-3-chloropropane	ND	0.500	"								
1,2-Dibromoethane	ND	0.500	"								
1,2-Dichlorobenzene	ND	0.500	"								
1,2-Dichloroethane	ND	0.500	"								
1,2-Dichloropropane	ND	0.500	"								
1,3,5-Trimethylbenzene	ND	0.500	"								
1,3-Dichlorobenzene	ND	0.500	"								
1,3-Dichloropropane	ND	0.500	"								
1,4-Dichlorobenzene	ND	0.500	"								
2,2-Dichloropropane	ND	0.500	"								
2-Butanone	ND	0.500	"								
2-Chlorotoluene	ND	0.500	"								

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BI31446 - EPA 5030B											
Blank (BI31446-BLK1)									Prepared & Analyzed: 09/22/2023		
2-Hexanone	ND	0.500	ug/L								
4-Chlorotoluene	ND	0.500	"								
4-Methyl-2-pentanone	ND	0.500	"								
Acetone	ND	2.00	"								
Acrylonitrile	ND	0.500	"								
Benzene	ND	0.500	"								
Bromobenzene	ND	0.500	"								
Bromochloromethane	ND	0.500	"								
Bromodichloromethane	ND	0.500	"								
Bromoform	ND	0.500	"								
Bromomethane	ND	0.500	"								
Carbon disulfide	ND	0.500	"								
Carbon tetrachloride	ND	0.500	"								
Chlorobenzene	ND	0.500	"								
Chloroethane	ND	0.500	"								
Chloroform	ND	0.500	"								
Chloromethane	ND	0.500	"								
cis-1,2-Dichloroethylene	ND	0.500	"								
cis-1,3-Dichloropropylene	ND	0.500	"								
Dibromochloromethane	ND	0.500	"								
Dibromomethane	ND	0.500	"								
Dichlorodifluoromethane	ND	0.500	"								
Ethyl Benzene	ND	0.500	"								
Hexachlorobutadiene	ND	0.500	"								
Isopropylbenzene	ND	0.500	"								
Methyl Methacrylate	ND	0.500	"								
Methyl tert-butyl ether (MTBE)	ND	0.500	"								
Methylene chloride	ND	2.00	"								
Naphthalene	ND	2.00	"								
n-Butylbenzene	ND	0.500	"								
n-Propylbenzene	ND	0.500	"								
o-Xylene	ND	0.500	"								
p- & m- Xylenes	ND	1.00	"								
p-Isopropyltoluene	ND	0.500	"								
sec-Butylbenzene	ND	0.500	"								
Styrene	ND	0.500	"								
tert-Butylbenzene	ND	0.500	"								
Tetrachloroethylene	ND	0.500	"								
Tetrahydrofuran	ND	4.00	"								
Toluene	ND	0.500	"								
trans-1,2-Dichloroethylene	ND	0.500	"								
trans-1,3-Dichloropropylene	ND	0.500	"								
trans-1,4-dichloro-2-butene	ND	0.500	"								
Trichloroethylene	ND	0.500	"								
Trichlorofluoromethane	ND	0.500	"								
Vinyl Chloride	ND	0.500	"								
Surrogate: SURR: 1,2-Dichloroethane-d4	*9.73*		"	*10.0*		*97.3*	*70-130*				
Surrogate: SURR: Toluene-d8	*10.0*		"	*10.0*		*100*	*70-130*				
Surrogate: SURR: p-Bromofluorobenzene	*10.2*		"	*10.0*		*102*	*70-130*				

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BI31446 - EPA 5030B											
LCS (BI31446-BS1)								Prepared & Analyzed: 09/22/2023			
1,1,1,2-Tetrachloroethane	9.41		ug/L	10.0		94.1	70-130				
1,1,1-Trichloroethane	9.84		"	10.0		98.4	70-130				
1,1,2,2-Tetrachloroethane	10.6		"	10.0		106	70-130				
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	10.2		"	10.0		102	70-130				
1,1,2-Trichloroethane	9.43		"	10.0		94.3	70-130				
1,1-Dichloroethane	9.15		"	10.0		91.5	70-130				
1,1-Dichloroethylene	9.67		"	10.0		96.7	70-130				
1,1-Dichloropropylene	9.34		"	10.0		93.4	70-130				
1,2,3-Trichlorobenzene	8.62		"	10.0		86.2	70-130				
1,2,3-Trichloropropane	9.69		"	10.0		96.9	70-130				
1,2,4-Trichlorobenzene	8.61		"	10.0		86.1	70-130				
1,2,4-Trimethylbenzene	9.13		"	10.0		91.3	70-130				
1,2-Dibromo-3-chloropropane	8.19		"	10.0		81.9	70-130				
1,2-Dibromoethane	9.72		"	10.0		97.2	70-130				
1,2-Dichlorobenzene	9.28		"	10.0		92.8	70-130				
1,2-Dichloroethane	9.45		"	10.0		94.5	70-130				
1,2-Dichloropropane	9.42		"	10.0		94.2	70-130				
1,3,5-Trimethylbenzene	8.97		"	10.0		89.7	70-130				
1,3-Dichlorobenzene	9.09		"	10.0		90.9	70-130				
1,3-Dichloropropane	9.42		"	10.0		94.2	70-130				
1,4-Dichlorobenzene	9.05		"	10.0		90.5	70-130				
2,2-Dichloropropane	9.18		"	10.0		91.8	70-130				
2-Butanone	8.16		"	10.0		81.6	70-130				
2-Chlorotoluene	9.18		"	10.0		91.8	70-130				
2-Hexanone	8.48		"	10.0		84.8	70-130				
4-Chlorotoluene	9.25		"	10.0		92.5	70-130				
4-Methyl-2-pentanone	9.24		"	10.0		92.4	70-130				
Acetone	15.9		"	10.0		159	70-130	High Bias			
Acrylonitrile	9.89		"	10.0		98.9	70-130				
Benzene	9.77		"	10.0		97.7	70-130				
Bromobenzene	9.13		"	10.0		91.3	70-130				
Bromochloromethane	9.68		"	10.0		96.8	70-130				
Bromodichloromethane	9.21		"	10.0		92.1	70-130				
Bromoform	8.16		"	10.0		81.6	70-130				
Bromomethane	7.53		"	10.0		75.3	70-130				
Carbon disulfide	10.2		"	10.0		102	70-130				
Carbon tetrachloride	9.87		"	10.0		98.7	70-130				
Chlorobenzene	9.85		"	10.0		98.5	70-130				
Chloroethane	9.33		"	10.0		93.3	70-130				
Chloroform	9.49		"	10.0		94.9	70-130				
Chloromethane	8.99		"	10.0		89.9	70-130				
cis-1,2-Dichloroethylene	9.25		"	10.0		92.5	70-130				
cis-1,3-Dichloropropylene	9.13		"	10.0		91.3	70-130				
Dibromochloromethane	8.34		"	10.0		83.4	70-130				
Dibromomethane	9.40		"	10.0		94.0	70-130				
Dichlorodifluoromethane	8.95		"	10.0		89.5	70-130				
Ethyl Benzene	9.44		"	10.0		94.4	70-130				
Hexachlorobutadiene	8.51		"	10.0		85.1	70-130				
Isopropylbenzene	9.48		"	10.0		94.8	70-130				
Methyl Methacrylate	8.20		"	10.0		82.0	70-130				

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BI31446 - EPA 5030B											
LCS (BI31446-BS1)								Prepared & Analyzed: 09/22/2023			
Methyl tert-butyl ether (MTBE)	9.62		ug/L	10.0		96.2	70-130				
Methylene chloride	12.4		"	10.0		124	70-130				
Naphthalene	9.26		"	10.0		92.6	70-130				
n-Butylbenzene	8.88		"	10.0		88.8	70-130				
n-Propylbenzene	9.27		"	10.0		92.7	70-130				
o-Xylene	9.38		"	10.0		93.8	70-130				
p- & m- Xylenes	19.2		"	20.0		96.2	70-130				
p-Isopropyltoluene	9.02		"	10.0		90.2	70-130				
sec-Butylbenzene	9.14		"	10.0		91.4	70-130				
Styrene	9.64		"	10.0		96.4	70-130				
tert-Butylbenzene	9.17		"	10.0		91.7	70-130				
Tetrachloroethylene	5.11		"	10.0		51.1	70-130	Low Bias			
Tetrahydrofuran	8.63		"	10.0		86.3	70-130				
Toluene	9.45		"	10.0		94.5	70-130				
trans-1,2-Dichloroethylene	9.56		"	10.0		95.6	70-130				
trans-1,3-Dichloropropylene	8.97		"	10.0		89.7	70-130				
trans-1,4-dichloro-2-butene	8.86		"	10.0		88.6	70-130				
Trichloroethylene	8.83		"	10.0		88.3	70-130				
Trichlorofluoromethane	9.94		"	10.0		99.4	70-130				
Vinyl Chloride	9.39		"	10.0		93.9	70-130				
Surrogate: SURR: 1,2-Dichloroethane-d4	*9.95*		*"*	*10.0*		*99.5*	*70-130*				
Surrogate: SURR: Toluene-d8	*9.90*		*"*	*10.0*		*99.0*	*70-130*				
Surrogate: SURR: p-Bromofluorobenzene	*9.83*		*"*	*10.0*		*98.3*	*70-130*				
LCS Dup (BI31446-BSD1)								Prepared & Analyzed: 09/22/2023			
1,1,1,2-Tetrachloroethane	9.46		ug/L	10.0		94.6	70-130		0.530	30	
1,1,1-Trichloroethane	9.67		"	10.0		96.7	70-130		1.74	30	
1,1,2,2-Tetrachloroethane	10.7		"	10.0		107	70-130		1.31	30	
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	9.91		"	10.0		99.1	70-130		3.18	30	
1,1,2-Trichloroethane	9.37		"	10.0		93.7	70-130		0.638	30	
1,1-Dichloroethane	9.08		"	10.0		90.8	70-130		0.768	30	
1,1-Dichloroethylene	9.55		"	10.0		95.5	70-130		1.25	30	
1,1-Dichloropropylene	9.16		"	10.0		91.6	70-130		1.95	30	
1,2,3-Trichlorobenzene	8.54		"	10.0		85.4	70-130		0.932	30	
1,2,3-Trichloropropane	9.80		"	10.0		98.0	70-130		1.13	30	
1,2,4-Trichlorobenzene	8.75		"	10.0		87.5	70-130		1.61	30	
1,2,4-Trimethylbenzene	9.42		"	10.0		94.2	70-130		3.13	30	
1,2-Dibromo-3-chloropropane	7.94		"	10.0		79.4	70-130		3.10	30	
1,2-Dibromoethane	9.68		"	10.0		96.8	70-130		0.412	30	
1,2-Dichlorobenzene	9.43		"	10.0		94.3	70-130		1.60	30	
1,2-Dichloroethane	9.37		"	10.0		93.7	70-130		0.850	30	
1,2-Dichloropropane	9.41		"	10.0		94.1	70-130		0.106	30	
1,3,5-Trimethylbenzene	9.19		"	10.0		91.9	70-130		2.42	30	
1,3-Dichlorobenzene	9.32		"	10.0		93.2	70-130		2.50	30	
1,3-Dichloropropane	9.33		"	10.0		93.3	70-130		0.960	30	
1,4-Dichlorobenzene	9.30		"	10.0		93.0	70-130		2.72	30	
2,2-Dichloropropane	8.90		"	10.0		89.0	70-130		3.10	30	
2-Butanone	7.79		"	10.0		77.9	70-130		4.64	30	
2-Chlorotoluene	9.44		"	10.0		94.4	70-130		2.79	30	
2-Hexanone	8.37		"	10.0		83.7	70-130		1.31	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 BI31446 - EPA 5030B											
LCS Dup (BI31446-BSD1)								Prepared & Analyzed: 09/22/2023			
4-Chlorotoluene	9.57		ug/L	10.0		95.7	70-130		3.40	30	
4-Methyl-2-pentanone	9.14		"	10.0		91.4	70-130		1.09	30	
Acetone	15.3		"	10.0		153	70-130	High Bias	3.53	30	
Acrylonitrile	9.70		"	10.0		97.0	70-130		1.94	30	
Benzene	9.68		"	10.0		96.8	70-130		0.925	30	
Bromobenzene	9.35		"	10.0		93.5	70-130		2.38	30	
Bromochloromethane	9.59		"	10.0		95.9	70-130		0.934	30	
Bromodichloromethane	9.27		"	10.0		92.7	70-130		0.649	30	
Bromoform	8.14		"	10.0		81.4	70-130		0.245	30	
Bromomethane	8.04		"	10.0		80.4	70-130		6.55	30	
Carbon disulfide	10.0		"	10.0		100	70-130		1.39	30	
Carbon tetrachloride	9.85		"	10.0		98.5	70-130		0.203	30	
Chlorobenzene	9.90		"	10.0		99.0	70-130		0.506	30	
Chloroethane	9.22		"	10.0		92.2	70-130		1.19	30	
Chloroform	9.41		"	10.0		94.1	70-130		0.847	30	
Chloromethane	8.98		"	10.0		89.8	70-130		0.111	30	
cis-1,2-Dichloroethylene	9.23		"	10.0		92.3	70-130		0.216	30	
cis-1,3-Dichloropropylene	9.06		"	10.0		90.6	70-130		0.770	30	
Dibromochloromethane	8.32		"	10.0		83.2	70-130		0.240	30	
Dibromomethane	9.36		"	10.0		93.6	70-130		0.426	30	
Dichlorodifluoromethane	8.98		"	10.0		89.8	70-130		0.335	30	
Ethyl Benzene	9.48		"	10.0		94.8	70-130		0.423	30	
Hexachlorobutadiene	8.69		"	10.0		86.9	70-130		2.09	30	
Isopropylbenzene	9.76		"	10.0		97.6	70-130		2.91	30	
Methyl Methacrylate	8.07		"	10.0		80.7	70-130		1.60	30	
Methyl tert-butyl ether (MTBE)	9.46		"	10.0		94.6	70-130		1.68	30	
Methylene chloride	13.3		"	10.0		133	70-130	High Bias	7.30	30	
Naphthalene	9.21		"	10.0		92.1	70-130		0.541	30	
n-Butylbenzene	9.03		"	10.0		90.3	70-130		1.68	30	
n-Propylbenzene	9.53		"	10.0		95.3	70-130		2.77	30	
o-Xylene	9.38		"	10.0		93.8	70-130		0.00	30	
p- & m- Xylenes	19.3		"	20.0		96.6	70-130		0.363	30	
p-Isopropyltoluene	9.17		"	10.0		91.7	70-130		1.65	30	
sec-Butylbenzene	9.31		"	10.0		93.1	70-130		1.84	30	
Styrene	9.60		"	10.0		96.0	70-130		0.416	30	
tert-Butylbenzene	9.41		"	10.0		94.1	70-130		2.58	30	
Tetrachloroethylene	5.13		"	10.0		51.3	70-130	Low Bias	0.391	30	
Tetrahydrofuran	8.55		"	10.0		85.5	70-130		0.931	30	
Toluene	9.50		"	10.0		95.0	70-130		0.528	30	
trans-1,2-Dichloroethylene	9.34		"	10.0		93.4	70-130		2.33	30	
trans-1,3-Dichloropropylene	8.99		"	10.0		89.9	70-130		0.223	30	
trans-1,4-dichloro-2-butene	8.99		"	10.0		89.9	70-130		1.46	30	
Trichloroethylene	8.84		"	10.0		88.4	70-130		0.113	30	
Trichlorofluoromethane	9.76		"	10.0		97.6	70-130		1.83	30	
Vinyl Chloride	9.18		"	10.0		91.8	70-130		2.26	30	
Surrogate: SURR: 1,2-Dichloroethane-d4	*9.58*		*"*	*10.0*		*95.8*	*70-130*				
Surrogate: SURR: Toluene-d8	*9.97*		*"*	*10.0*		*99.7*	*70-130*				
Surrogate: SURR: p-Bromofluorobenzene	*10.0*		*"*	*10.0*		*100*	*70-130*				

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BI31535 - EPA 5030B											
Blank (BI31535-BLK1)									Prepared & Analyzed: 09/25/2023		
1,1,1,2-Tetrachloroethane	ND	0.500	ug/L								
1,1,1-Trichloroethane	ND	0.500	"								
1,1,2,2-Tetrachloroethane	ND	0.500	"								
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	0.500	"								
1,1,2-Trichloroethane	ND	0.500	"								
1,1-Dichloroethane	ND	0.500	"								
1,1-Dichloroethylene	ND	0.500	"								
1,1-Dichloropropylene	ND	0.500	"								
1,2,3-Trichlorobenzene	ND	0.500	"								
1,2,3-Trichloropropane	ND	0.500	"								
1,2,4-Trichlorobenzene	ND	0.500	"								
1,2,4-Trimethylbenzene	ND	0.500	"								
1,2-Dibromo-3-chloropropane	ND	0.500	"								
1,2-Dibromoethane	ND	0.500	"								
1,2-Dichlorobenzene	ND	0.500	"								
1,2-Dichloroethane	ND	0.500	"								
1,2-Dichloropropane	ND	0.500	"								
1,3,5-Trimethylbenzene	ND	0.500	"								
1,3-Dichlorobenzene	ND	0.500	"								
1,3-Dichloropropane	ND	0.500	"								
1,4-Dichlorobenzene	ND	0.500	"								
2,2-Dichloropropane	ND	0.500	"								
2-Butanone	ND	0.500	"								
2-Chlorotoluene	ND	0.500	"								
2-Hexanone	ND	0.500	"								
4-Chlorotoluene	ND	0.500	"								
4-Methyl-2-pentanone	ND	0.500	"								
Acetone	ND	2.00	"								
Acrylonitrile	ND	0.500	"								
Benzene	ND	0.500	"								
Bromobenzene	ND	0.500	"								
Bromochloromethane	ND	0.500	"								
Bromodichloromethane	ND	0.500	"								
Bromoform	ND	0.500	"								
Bromomethane	ND	0.500	"								
Carbon disulfide	ND	0.500	"								
Carbon tetrachloride	ND	0.500	"								
Chlorobenzene	ND	0.500	"								
Chloroethane	ND	0.500	"								
Chloroform	ND	0.500	"								
Chloromethane	ND	0.500	"								
cis-1,2-Dichloroethylene	ND	0.500	"								
cis-1,3-Dichloropropylene	ND	0.500	"								
Dibromochloromethane	ND	0.500	"								
Dibromomethane	ND	0.500	"								
Dichlorodifluoromethane	ND	0.500	"								
Ethyl Benzene	ND	0.500	"								
Hexachlorobutadiene	ND	0.500	"								
Isopropylbenzene	ND	0.500	"								
Methyl Methacrylate	ND	0.500	"								

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BI31535 - EPA 5030B											
Blank (BI31535-BLK1)								Prepared & Analyzed: 09/25/2023			
Methyl tert-butyl ether (MTBE)	ND	0.500	ug/L								
Methylene chloride	ND	2.00	"								
Naphthalene	ND	2.00	"								
n-Butylbenzene	ND	0.500	"								
n-Propylbenzene	ND	0.500	"								
o-Xylene	ND	0.500	"								
p- & m- Xylenes	ND	1.00	"								
p-Isopropyltoluene	ND	0.500	"								
sec-Butylbenzene	ND	0.500	"								
Styrene	ND	0.500	"								
tert-Butylbenzene	ND	0.500	"								
Tetrachloroethylene	ND	0.500	"								
Tetrahydrofuran	ND	4.00	"								
Toluene	ND	0.500	"								
trans-1,2-Dichloroethylene	ND	0.500	"								
trans-1,3-Dichloropropylene	ND	0.500	"								
trans-1,4-dichloro-2-butene	ND	0.500	"								
Trichloroethylene	ND	0.500	"								
Trichlorofluoromethane	ND	0.500	"								
Vinyl Chloride	ND	0.500	"								
Surrogate: SURR: 1,2-Dichloroethane-d4	*9.78*		*"*	*10.0*		*97.8*	*70-130*				
Surrogate: SURR: Toluene-d8	*9.95*		*"*	*10.0*		*99.5*	*70-130*				
Surrogate: SURR: p-Bromofluorobenzene	*10.0*		*"*	*10.0*		*100*	*70-130*				
LCS (BI31535-BS1)								Prepared & Analyzed: 09/25/2023			
1,1,1,2-Tetrachloroethane	9.62		ug/L	10.0		96.2	70-130				
1,1,1-Trichloroethane	10.1		"	10.0		101	70-130				
1,1,2,2-Tetrachloroethane	10.4		"	10.0		104	70-130				
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	10.8		"	10.0		108	70-130				
1,1,2-Trichloroethane	9.33		"	10.0		93.3	70-130				
1,1-Dichloroethane	9.28		"	10.0		92.8	70-130				
1,1-Dichloroethylene	10.0		"	10.0		100	70-130				
1,1-Dichloropropylene	9.65		"	10.0		96.5	70-130				
1,2,3-Trichlorobenzene	8.81		"	10.0		88.1	70-130				
1,2,3-Trichloropropane	9.66		"	10.0		96.6	70-130				
1,2,4-Trichlorobenzene	8.96		"	10.0		89.6	70-130				
1,2,4-Trimethylbenzene	9.36		"	10.0		93.6	70-130				
1,2-Dibromo-3-chloropropane	8.17		"	10.0		81.7	70-130				
1,2-Dibromoethane	9.60		"	10.0		96.0	70-130				
1,2-Dichlorobenzene	9.43		"	10.0		94.3	70-130				
1,2-Dichloroethane	9.45		"	10.0		94.5	70-130				
1,2-Dichloropropane	9.40		"	10.0		94.0	70-130				
1,3,5-Trimethylbenzene	9.15		"	10.0		91.5	70-130				
1,3-Dichlorobenzene	9.33		"	10.0		93.3	70-130				
1,3-Dichloropropane	9.31		"	10.0		93.1	70-130				
1,4-Dichlorobenzene	9.25		"	10.0		92.5	70-130				
2,2-Dichloropropane	10.9		"	10.0		109	70-130				
2-Butanone	7.94		"	10.0		79.4	70-130				
2-Chlorotoluene	9.36		"	10.0		93.6	70-130				
2-Hexanone	7.96		"	10.0		79.6	70-130				

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BI31535 - EPA 5030B											
LCS (BI31535-BS1)								Prepared & Analyzed: 09/25/2023			
4-Chlorotoluene	9.48		ug/L	10.0		94.8	70-130				
4-Methyl-2-pentanone	8.81		"	10.0		88.1	70-130				
Acetone	14.9		"	10.0		149	70-130	High Bias			
Acrylonitrile	9.57		"	10.0		95.7	70-130				
Benzene	9.93		"	10.0		99.3	70-130				
Bromobenzene	9.17		"	10.0		91.7	70-130				
Bromochloromethane	9.61		"	10.0		96.1	70-130				
Bromodichloromethane	9.37		"	10.0		93.7	70-130				
Bromoform	8.45		"	10.0		84.5	70-130				
Bromomethane	6.65		"	10.0		66.5	70-130	Low Bias			
Carbon disulfide	10.7		"	10.0		107	70-130				
Carbon tetrachloride	10.4		"	10.0		104	70-130				
Chlorobenzene	10.0		"	10.0		100	70-130				
Chloroethane	10.0		"	10.0		100	70-130				
Chloroform	9.67		"	10.0		96.7	70-130				
Chloromethane	10.6		"	10.0		106	70-130				
cis-1,2-Dichloroethylene	9.60		"	10.0		96.0	70-130				
cis-1,3-Dichloropropylene	9.32		"	10.0		93.2	70-130				
Dibromochloromethane	8.43		"	10.0		84.3	70-130				
Dibromomethane	9.32		"	10.0		93.2	70-130				
Dichlorodifluoromethane	11.4		"	10.0		114	70-130				
Ethyl Benzene	9.57		"	10.0		95.7	70-130				
Hexachlorobutadiene	9.21		"	10.0		92.1	70-130				
Isopropylbenzene	9.69		"	10.0		96.9	70-130				
Methyl Methacrylate	7.92		"	10.0		79.2	70-130				
Methyl tert-butyl ether (MTBE)	9.67		"	10.0		96.7	70-130				
Methylene chloride	9.19		"	10.0		91.9	70-130				
Naphthalene	9.11		"	10.0		91.1	70-130				
n-Butylbenzene	9.11		"	10.0		91.1	70-130				
n-Propylbenzene	9.51		"	10.0		95.1	70-130				
o-Xylene	9.43		"	10.0		94.3	70-130				
p- & m- Xylenes	19.5		"	20.0		97.7	70-130				
p-Isopropyltoluene	9.31		"	10.0		93.1	70-130				
sec-Butylbenzene	9.26		"	10.0		92.6	70-130				
Styrene	9.72		"	10.0		97.2	70-130				
tert-Butylbenzene	9.37		"	10.0		93.7	70-130				
Tetrachloroethylene	5.33		"	10.0		53.3	70-130	Low Bias			
Tetrahydrofuran	8.37		"	10.0		83.7	70-130				
Toluene	9.62		"	10.0		96.2	70-130				
trans-1,2-Dichloroethylene	9.82		"	10.0		98.2	70-130				
trans-1,3-Dichloropropylene	9.28		"	10.0		92.8	70-130				
trans-1,4-dichloro-2-butene	8.94		"	10.0		89.4	70-130				
Trichloroethylene	9.05		"	10.0		90.5	70-130				
Trichlorofluoromethane	10.8		"	10.0		108	70-130				
Vinyl Chloride	10.2		"	10.0		102	70-130				
Surrogate: SURR: 1,2-Dichloroethane-d4	*9.67*		*"*	*10.0*		*96.7*	*70-130*				
Surrogate: SURR: Toluene-d8	*9.88*		*"*	*10.0*		*98.8*	*70-130*				
Surrogate: SURR: p-Bromofluorobenzene	*9.87*		*"*	*10.0*		*98.7*	*70-130*				

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BI31535 - EPA 5030B											
LCS Dup (BI31535-BSD1)								Prepared & Analyzed: 09/25/2023			
1,1,1,2-Tetrachloroethane	9.53		ug/L	10.0		95.3	70-130		0.940	30	
1,1,1-Trichloroethane	9.72		"	10.0		97.2	70-130		4.23	30	
1,1,2,2-Tetrachloroethane	10.6		"	10.0		106	70-130		1.81	30	
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	9.99		"	10.0		99.9	70-130		7.33	30	
1,1,2-Trichloroethane	9.50		"	10.0		95.0	70-130		1.81	30	
1,1-Dichloroethane	9.00		"	10.0		90.0	70-130		3.06	30	
1,1-Dichloroethylene	9.46		"	10.0		94.6	70-130		5.75	30	
1,1-Dichloropropylene	9.11		"	10.0		91.1	70-130		5.76	30	
1,2,3-Trichlorobenzene	9.14		"	10.0		91.4	70-130		3.68	30	
1,2,3-Trichloropropane	9.89		"	10.0		98.9	70-130		2.35	30	
1,2,4-Trichlorobenzene	9.00		"	10.0		90.0	70-130		0.445	30	
1,2,4-Trimethylbenzene	9.09		"	10.0		90.9	70-130		2.93	30	
1,2-Dibromo-3-chloropropane	8.54		"	10.0		85.4	70-130		4.43	30	
1,2-Dibromoethane	9.85		"	10.0		98.5	70-130		2.57	30	
1,2-Dichlorobenzene	9.29		"	10.0		92.9	70-130		1.50	30	
1,2-Dichloroethane	9.61		"	10.0		96.1	70-130		1.68	30	
1,2-Dichloropropane	9.25		"	10.0		92.5	70-130		1.61	30	
1,3,5-Trimethylbenzene	8.84		"	10.0		88.4	70-130		3.45	30	
1,3-Dichlorobenzene	9.08		"	10.0		90.8	70-130		2.72	30	
1,3-Dichloropropane	9.45		"	10.0		94.5	70-130		1.49	30	
1,4-Dichlorobenzene	9.08		"	10.0		90.8	70-130		1.85	30	
2,2-Dichloropropane	10.2		"	10.0		102	70-130		6.34	30	
2-Butanone	8.25		"	10.0		82.5	70-130		3.83	30	
2-Chlorotoluene	8.99		"	10.0		89.9	70-130		4.03	30	
2-Hexanone	8.57		"	10.0		85.7	70-130		7.38	30	
4-Chlorotoluene	9.11		"	10.0		91.1	70-130		3.98	30	
4-Methyl-2-pentanone	9.33		"	10.0		93.3	70-130		5.73	30	
Acetone	16.1		"	10.0		161	70-130	High Bias	7.49	30	
Acrylonitrile	10.1		"	10.0		101	70-130		5.69	30	
Benzene	9.68		"	10.0		96.8	70-130		2.55	30	
Bromobenzene	8.93		"	10.0		89.3	70-130		2.65	30	
Bromochloromethane	9.58		"	10.0		95.8	70-130		0.313	30	
Bromodichloromethane	9.26		"	10.0		92.6	70-130		1.18	30	
Bromoform	8.73		"	10.0		87.3	70-130		3.26	30	
Bromomethane	7.13		"	10.0		71.3	70-130		6.97	30	
Carbon disulfide	10.0		"	10.0		100	70-130		6.67	30	
Carbon tetrachloride	9.94		"	10.0		99.4	70-130		5.00	30	
Chlorobenzene	9.81		"	10.0		98.1	70-130		2.22	30	
Chloroethane	9.55		"	10.0		95.5	70-130		4.70	30	
Chloroform	9.43		"	10.0		94.3	70-130		2.51	30	
Chloromethane	9.70		"	10.0		97.0	70-130		8.87	30	
cis-1,2-Dichloroethylene	9.31		"	10.0		93.1	70-130		3.07	30	
cis-1,3-Dichloropropylene	9.30		"	10.0		93.0	70-130		0.215	30	
Dibromochloromethane	8.58		"	10.0		85.8	70-130		1.76	30	
Dibromomethane	9.48		"	10.0		94.8	70-130		1.70	30	
Dichlorodifluoromethane	10.6		"	10.0		106	70-130		7.28	30	
Ethyl Benzene	9.27		"	10.0		92.7	70-130		3.18	30	
Hexachlorobutadiene	8.85		"	10.0		88.5	70-130		3.99	30	
Isopropylbenzene	9.29		"	10.0		92.9	70-130		4.21	30	
Methyl Methacrylate	8.29		"	10.0		82.9	70-130		4.57	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 BI31535 - EPA 5030B											
LCS Dup (BI31535-BSD1)								Prepared & Analyzed: 09/25/2023			
Methyl tert-butyl ether (MTBE)	9.92		ug/L	10.0		99.2	70-130		2.55	30	
Methylene chloride	9.10		"	10.0		91.0	70-130		0.984	30	
Naphthalene	9.62		"	10.0		96.2	70-130		5.45	30	
n-Butylbenzene	8.96		"	10.0		89.6	70-130		1.66	30	
n-Propylbenzene	9.13		"	10.0		91.3	70-130		4.08	30	
o-Xylene	9.24		"	10.0		92.4	70-130		2.04	30	
p- & m- Xylenes	19.0		"	20.0		95.2	70-130		2.54	30	
p-Isopropyltoluene	9.00		"	10.0		90.0	70-130		3.39	30	
sec-Butylbenzene	9.03		"	10.0		90.3	70-130		2.52	30	
Styrene	9.59		"	10.0		95.9	70-130		1.35	30	
tert-Butylbenzene	9.13		"	10.0		91.3	70-130		2.59	30	
Tetrachloroethylene	5.06		"	10.0		50.6	70-130	Low Bias	5.20	30	
Tetrahydrofuran	9.36		"	10.0		93.6	70-130		11.2	30	
Toluene	9.31		"	10.0		93.1	70-130		3.28	30	
trans-1,2-Dichloroethylene	9.32		"	10.0		93.2	70-130		5.22	30	
trans-1,3-Dichloropropylene	9.33		"	10.0		93.3	70-130		0.537	30	
trans-1,4-dichloro-2-butene	8.66		"	10.0		86.6	70-130		3.18	30	
Trichloroethylene	8.65		"	10.0		86.5	70-130		4.52	30	
Trichlorofluoromethane	10.1		"	10.0		101	70-130		6.78	30	
Vinyl Chloride	9.48		"	10.0		94.8	70-130		6.92	30	
Surrogate: SURR: 1,2-Dichloroethane-d4	*9.94*		*"*	*10.0*		*99.4*	*70-130*				
Surrogate: SURR: Toluene-d8	*9.79*		*"*	*10.0*		*97.9*	*70-130*				
Surrogate: SURR: p-Bromofluorobenzene	*9.69*		*"*	*10.0*		*96.9*	*70-130*				

Semivolatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BI31442 - EPA 3510C											
Blank (BI31442-BLK1)											Prepared: 09/22/2023 Analyzed: 09/24/2023
2-Methylnaphthalene	ND	5.00	ug/L								
Surrogate: SURR: Nitrobenzene-d5	*10.0*		*"*	*25.0*		*40.0*	*30-130*				
Surrogate: SURR: 2-Fluorobiphenyl	*8.67*		*"*	*25.0*		*34.7*	*30-130*				
Surrogate: SURR: Terphenyl-d14	*9.97*		*"*	*25.0*		*39.9*	*30-130*				
Blank (BI31442-BLK2)											Prepared: 09/22/2023 Analyzed: 09/24/2023
Acenaphthene	ND	0.0500	ug/L								
Acenaphthylene	ND	0.0500	"								
Anthracene	ND	0.0500	"								
Benzo(a)anthracene	ND	0.0500	"								
Benzo(a)pyrene	ND	0.0500	"								
Benzo(b)fluoranthene	ND	0.0500	"								
Benzo(g,h,i)perylene	ND	0.0500	"								
Benzo(k)fluoranthene	ND	0.0500	"								
Chrysene	ND	0.0500	"								
Dibenzo(a,h)anthracene	ND	0.0500	"								
Fluoranthene	ND	0.0500	"								
Fluorene	ND	0.0500	"								
Indeno(1,2,3-cd)pyrene	ND	0.0500	"								
Naphthalene	0.0800	0.0500	"								
Phenanthrene	ND	0.0500	"								
Pyrene	ND	0.0500	"								
LCS (BI31442-BS1)											Prepared: 09/22/2023 Analyzed: 09/24/2023
2-Methylnaphthalene	11.2	5.00	ug/L	25.0		44.6	40-140				
Surrogate: SURR: Nitrobenzene-d5	*13.0*		*"*	*25.0*		*52.2*	*30-130*				
Surrogate: SURR: 2-Fluorobiphenyl	*10.7*		*"*	*25.0*		*42.8*	*30-130*				
Surrogate: SURR: Terphenyl-d14	*12.3*		*"*	*25.0*		*49.2*	*30-130*				

Semivolatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BI31442 - EPA 3510C											
LCS (BI31442-BS2)								Prepared: 09/22/2023 Analyzed: 09/24/2023			
Acenaphthene	0.520	0.0500	ug/L	1.00		52.0	40-140				
Acenaphthylene	0.590	0.0500	"	1.00		59.0	40-140				
Anthracene	0.570	0.0500	"	1.00		57.0	40-140				
Benzo(a)anthracene	0.750	0.0500	"	1.00		75.0	40-140				
Benzo(a)pyrene	0.650	0.0500	"	1.00		65.0	40-140				
Benzo(b)fluoranthene	0.750	0.0500	"	1.00		75.0	40-140				
Benzo(g,h,i)perylene	0.740	0.0500	"	1.00		74.0	40-140				
Benzo(k)fluoranthene	0.770	0.0500	"	1.00		77.0	40-140				
Chrysene	0.750	0.0500	"	1.00		75.0	40-140				
Dibenzo(a,h)anthracene	0.740	0.0500	"	1.00		74.0	40-140				
Fluoranthene	0.750	0.0500	"	1.00		75.0	40-140				
Fluorene	0.650	0.0500	"	1.00		65.0	40-140				
Indeno(1,2,3-cd)pyrene	0.760	0.0500	"	1.00		76.0	40-140				
Naphthalene	0.550	0.0500	"	1.00		55.0	40-140				
Phenanthrene	0.580	0.0500	"	1.00		58.0	40-140				
Pyrene	0.570	0.0500	"	1.00		57.0	40-140				
LCS Dup (BI31442-BSD1)								Prepared: 09/22/2023 Analyzed: 09/24/2023			
2-Methylnaphthalene	17.2	5.00	ug/L	25.0		68.8	40-140		42.7	20	Non-dir.
Surrogate: SURR: Nitrobenzene-d5	*18.7*		*"*	*25.0*		*74.9*	*30-130*				
Surrogate: SURR: 2-Fluorobiphenyl	*15.9*		*"*	*25.0*		*63.8*	*30-130*				
Surrogate: SURR: Terphenyl-d14	*17.2*		*"*	*25.0*		*69.0*	*30-130*				
Batch BI31491 - EPA 3510C											
Blank (BI31491-BLK2)								Prepared: 09/23/2023 Analyzed: 09/25/2023			
Acenaphthene	ND	0.0500	ug/L								
Acenaphthylene	ND	0.0500	"								
Anthracene	ND	0.0500	"								
Benzo(a)anthracene	ND	0.0500	"								
Benzo(a)pyrene	ND	0.0500	"								
Benzo(b)fluoranthene	ND	0.0500	"								
Benzo(g,h,i)perylene	ND	0.0500	"								
Benzo(k)fluoranthene	ND	0.0500	"								
Chrysene	ND	0.0500	"								
Dibenzo(a,h)anthracene	ND	0.0500	"								
Fluoranthene	ND	0.0500	"								
Fluorene	ND	0.0500	"								
Indeno(1,2,3-cd)pyrene	ND	0.0500	"								
Naphthalene	ND	0.0500	"								
Phenanthrene	ND	0.0500	"								
Pyrene	ND	0.0500	"								

Semivolatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BI31491 - EPA 3510C											
LCS (BI31491-BS2)									Prepared: 09/23/2023 Analyzed: 09/25/2023		
Acenaphthene	0.550	0.0500	ug/L	1.00		55.0	40-140				
Acenaphthylene	0.630	0.0500	"	1.00		63.0	40-140				
Anthracene	0.620	0.0500	"	1.00		62.0	40-140				
Benzo(a)anthracene	0.690	0.0500	"	1.00		69.0	40-140				
Benzo(a)pyrene	0.600	0.0500	"	1.00		60.0	40-140				
Benzo(b)fluoranthene	0.710	0.0500	"	1.00		71.0	40-140				
Benzo(g,h,i)perylene	0.600	0.0500	"	1.00		60.0	40-140				
Benzo(k)fluoranthene	0.690	0.0500	"	1.00		69.0	40-140				
Chrysene	0.680	0.0500	"	1.00		68.0	40-140				
Dibenzo(a,h)anthracene	0.700	0.0500	"	1.00		70.0	40-140				
Fluoranthene	0.770	0.0500	"	1.00		77.0	40-140				
Fluorene	0.700	0.0500	"	1.00		70.0	40-140				
Indeno(1,2,3-cd)pyrene	0.690	0.0500	"	1.00		69.0	40-140				
Naphthalene	0.580	0.0500	"	1.00		58.0	40-140				
Phenanthrene	0.620	0.0500	"	1.00		62.0	40-140				
Pyrene	0.550	0.0500	"	1.00		55.0	40-140				

Gas Chromatography/Flame Ionization Detector - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BI31399 - EPA 3510C											
Blank (BI31399-BLK1)								Prepared: 09/22/2023 Analyzed: 09/23/2023			
ETPH (Extractable Total Petroleum Hydrocarbons)	ND	0.150	mg/L								
Surrogate: 1-Chlorooctadecane	*0.0558*		*"*	*0.100*		*55.8*	*30-140*				
LCS (BI31399-BS1)								Prepared: 09/22/2023 Analyzed: 09/23/2023			
ETPH (Extractable Total Petroleum Hydrocarbons)	0.655	0.150	mg/L	0.750		87.3	60-120				
Surrogate: 1-Chlorooctadecane	*0.0700*		*"*	*0.100*		*70.0*	*30-140*				
LCS Dup (BI31399-BSD1)								Prepared: 09/22/2023 Analyzed: 09/23/2023			
ETPH (Extractable Total Petroleum Hydrocarbons)	0.738	0.150	mg/L	0.750		98.4	60-120		11.9	30	
Surrogate: 1-Chlorooctadecane	*0.0684*		*"*	*0.100*		*68.4*	*30-140*				
Batch BI31611 - EPA 3510C											
Blank (BI31611-BLK1)								Prepared & Analyzed: 09/26/2023			
ETPH (Extractable Total Petroleum Hydrocarbons)	ND	0.150	mg/L								
Surrogate: 1-Chlorooctadecane	*0.0679*		*"*	*0.100*		*67.9*	*30-140*				
LCS (BI31611-BS1)								Prepared & Analyzed: 09/26/2023			
ETPH (Extractable Total Petroleum Hydrocarbons)	0.696	0.150	mg/L	0.750		92.8	60-120				
Surrogate: 1-Chlorooctadecane	*0.0732*		*"*	*0.100*		*73.2*	*30-140*				
LCS Dup (BI31611-BSD1)								Prepared & Analyzed: 09/26/2023			
ETPH (Extractable Total Petroleum Hydrocarbons)	0.697	0.150	mg/L	0.750		92.9	60-120		0.130	30	
Surrogate: 1-Chlorooctadecane	*0.0710*		*"*	*0.100*		*71.0*	*30-140*				

Volatile Analysis Sample Containers

Lab ID	Client Sample ID	Volatile Sample Container
23I1172-01	RW-7	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C
23I1172-02	RW-8	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C
23I1172-03	RW-9	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C
23I1172-04	RW-10	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C
23I1172-05	RW-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.
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.

YORK Project No. 72 (2)
23I1140

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

YOUR Information	Report To:	Invoice To:	YOUR Project Number	Turn-Around Time
Company: Turner Environmental	Company:	Company:		RUSH - Next Day
Address: P.O. Box 581 East Lyme CT	Address: Same	Address: Same	YOUR Project Name	RUSH - Two Day
Phone.: 860 705 8704	Phone.:	Phone.:		RUSH - Three Day
Contact: R. Turner	Contact:	Contact:		RUSH - Four Day
E-mail: turnerenviro@attnet	E-mail:	E-mail:	YOUR PO#:	RUSH - Five Day
				Standard (6-9 Day)
				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.

David T. Turner

Samples Collected by: (print AND sign your name)

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

Samples From: New York ☐; 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.
RW-7	GW	9/18/23 9130	VOCs 8260 FETPH	1 Liter VOA	4
RW-8		10:00			4
RW-9		10:30			4
RW-10		11:00	PAHs		5
RW-11		11:30	PAHs		5

Comments: Recovery well samples - H16H FETPH NO2 Fuel Oil

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

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

Special Instruction: Field Filtered ☐; Lab to Filter ☐

Samples Relinquished by / Company	Date/Time	Samples Received by / Company	Date/Time	Samples Relinquished by / Company	Date/Time
Turner	9/19/23 8:45	1.	9/19/23 12:20	2.	9/19/23 1605
Samples Received by / Company	Date/Time	3. Samples Relinquished by / Company	Date/Time	3. Samples Received by / Company	Date/Time
Samples Relinquished by / Company	Date/Time	4. Samples Received by / Company	Date/Time	Samples Received in LAB by	Date/Time / Temperature
					9/19/23 1605 2.2 Degrees C