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*: 10/30/2024 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

October 30, 2024

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 October

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
Octobber 2024 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: 10-30-24

Regional School District No. 18

Signature

Name (Print): Ian Neviaser

Date: October 30, 2024

October 30, 2024 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 August 1, 2022 oil spill at Lyme-Old Lyme Middle school. In October 2024, the primary tasks involved: operation of the *Pump and Treat* groundwater remediation system, off-site drinking water sampling, analyses of groundwater monitoring results from September sampling event, review of free product recovery data and treatment system discharge sampling.

The site location is shown in Figure 1 including the location of the monitoring well network and the underground stormwater retention galley which receives treated groundwater from the pump and treat system. Groundwater elevations and flow directions from the September 2024 groundwater sampling event are shown in Figure 2. In general, groundwater elevations were lower by approximately one to 1.5 feet lower than those reported from the June sampling round.

Off-site Drinking Water Wells

September testing of the nearby shallow drinking water wells were not available for our September update. Subsequently received, those results show that no contaminants were detected in the 60 Lyme Street or 61 Lyme Street drinking water wells. Laboratory reports of those samples are attached to this report.

Despite numerous attempts, we were unable to collect a sample of drinking water from [redacted] in October because the building was not occupied for the last two weeks of October. This well will be sampled again in November.

The drinking water at [redacted] was resampled on October 23, 2024. Results show no contaminants detected above laboratory detection limits. The laboratory report for this well is provided in the attachments.

Figure 3 shows the nearby drinking water wells, the monitoring well network and location of the plume based on the monitoring well sample results received to date.

Groundwater Pump and Treat System

As previously reported the pump and treat system was installed during the second week of September 2023 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 in the boiler room. The treatment system itself, including the oil/water separator, transfer pump, controls, bag filters and carbon vessels are located in a "conex box" located just outside the eastern wall of the boiler room.

The pump and treat system has now operated for just over one year and over 920,000 gallons of water have been collected and treated. The current pumping rate averages is approximately 1,500 to 2,000 +/- gallons per day.

Discharge samples collected in late September indicated non-compliance due to breakthrough of some petroleum related contaminants in the discharge. Elevated VOCs include 1,3,5-Trimethylbenzene 8.29 ug/L, 2-Butanone 18.2 ug/L, Acetone 29.6 ug/L, Benzene 9.40 ug/L, Ethyl Benzene 32.7 ug/L, Isopropylbenzene 10.2 ug/L, Naphthalene 77.2 ug/L, n-Butylbenzene 3.12 ug/L, n-Propylbenzene 29.1 ug/L, o-Xylene 2.87 ug/L, p- & m- Xylenes 58.4 ug/L, p-Isopropyltoluene 0.650 ug/L, sec-Butylbenzene 2.20 ug/L, Toluene 12.3 ug/L. TOTAL VOCS = >294 ug/L Limit = ,10 ug/L No PAHS were detected. ETPH (Extractable Total Petroleum Hydrocarbons) were detected at 0.207 mg/L – below the GWPC Limit of 0.25 mg/L and the general permit discharge limit of 5.0 mg/L.

We believe this was caused by the failure of an anti-siphon valve in the discharge line that allowed backflow and air entrainment into the carbon vessels. Air introduced agitated the carbon bed which we believe contributed to channeling through the carbon bed and short circuiting of flow that resulted in the detection of petroleum compounds in the discharge.

This valve was immediately cleaned and subsequently replaced in early October. Subsequent re-sampling shows the discharge is in compliance with the permit limits. A sample was collected on October 9, 2024 after system repair. No VOCs were detected in either the mid point or discharge sample and ETPH was also below the laboratory detection limits. Based on this most recent analyses in October, the treatment system discharge is back in compliance with the permit limits. Copies of the laboratory reports are provided in the attachments of this report.

The treatment system continues to pump from wells RW-11, RW-10 and RW-7 which includes the former holding tank area and boiler room where free product has been observed and where ETPH concentrations are the highest.

The treatment system draws groundwater using air operated pneumatic pumps. These pumps draw groundwater from 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 are currently set to extract water from 2 to 3 feet below the standing water table.

In October 2024, free product (FP) continues to be observed and recovered from several of the recovery wells. Oil absorbent "pigs" continue to be used to recover FP from the recovery wells. Oil is collected by wringing out these pigs approximately once per week and measuring the amounts of oil recovered. The amounts recovered since treatment system start up include:

October 2023: 2.5 L of FP, November 2023: 3.7 L, December 2023: 1.0 + L, January 2024: 1.2 L, February 2024: 3.25 L, March 2024: 4.9 L, April 2024: 9.0 L, May 2024: 5.8 L, June 2024: 4.5 L, July 1.0 L, August 2024: 2.0 L, September 2024: 2.8 L and October 2024 9.1 L.

Currently FP is being primarily observed and recovered from RW-8 and RW 10. The presence of FP in RW-8 is a relatively new development. Recovery from both RW-11 and RW-7 has diminished.

A graph of free product recovery and water table elevations is provided in the attachments, however there is not a strong correlation observed. We will continue to analyze this data for reasonable trends.

To date approximately 58+ L of free product has been removed from the recovery wells. We also estimate that over 2.0+ L of "dissolved" petroleum was removed from impacted groundwater pumped through the treatment system.

During the operational cycle recovery well drawdowns are approximately 1.5 feet. Water table rebound occurs relatively quickly in these wells- in the range of several minutes. Overall, the water table in the general vicinity of the pumping wells is lowered approximately 0.5 to 1.0 feet below ambient levels. Water tables continue to be highly influenced by precipitation events. In September, the water table continued to fall from the maximum encountered in the winter/spring months. In October, water table levels reached approximately 0.25 feet lower than September and are now at historic lows since monitoring was begun. Currently the water table remains at very low levels approximately two feet below levels found in June and during the winter.

Carbon replacement for the primary carbon vessel is scheduled for November.

Groundwater Monitoring

Quarterly groundwater monitoring was performed on all existing monitoring wells on September 21 and 22, 2024 using Low Flow Sampling Method. Twenty-two monitoring wells and two recovery wells were sampled and analyzed. These samples were submitted to York Analytical for analyses of VOCs by EPA Methos 8260, ETPH and PAHs. Results of these analyses are and historic monitoring data are summarized in Table 1. Water table elevations were obtained, and groundwater flow directions were used to create Figure 2 using September data.

Previous monitoring has detected groundwater contaminants in several areas. We will provide a brief summary for each area. In general, concentrations of petroleum related VOCs have decreased from previously reported levels.

Upgradient wells MW-1, MW-2, MW-3, MW-4

No VOCs or PAHs were detected in these wells during the September quarterly sampling round. These wells are up-gradient of the heating oil release area and downgradient of the discharge location for the treated wastewater from the remedial system. ETPH was detected at higher concentrations than in past monitoring. ETPH was detected at160 ug/L in MW-1, 173 ug/L in MW-2, 343 ug/L in MW-3 and 156 ug/L in MW-4. Based on recent detection of some contaminants in the discharge samples, it is suspected these ETPH detected in this area may be from the discharge. Concentrations are still much lower than untreated wastewater. In addition, based on the location of the discharge and recovery wells we believe that the groundwater in the discharge area will be recaptured in the recovery zone resulting in further reduction in contaminant concentrations in groundwater.

MW-7.

The contaminant plume from the oil release moves northwest under the school building and was detected in the area of MW-7. Various petroleum related VOCs were detected at concentration below their respective RSR criteria. ETPH was detected at 296 ug/L which exceeds RSR criteria for that substance. This concentration is approximately the same as previously detected in June. ETPH was detected in MW-7D at 207 ug/L and was below detection limit in MW-7D. ETPH in MW-7 was the only contaminant exceeding its RSR criteria.

MW-5, MW-6 and MW-8.

Peripheral wells to the MW-7 area on the west side of the school include MW-5, MW-6 and MW-8. No VOCs or PAHs were detected in those wells with ETPH detected at 207, 187 and 176 ug/L, respectively.

MW-10 and MW-10R.

Wells located to the west side of High School Road include MW-10 and MW-10R. In general, no significant VOCs or PAHs were detected and ETPH was reported at 196 and 201 ug/L respectively. These are lower than concentrations previously reported in this area and all are below their respective criteria. All VOCs are lower than previous monitoring rounds and were below laboratory detection limits in this round. Other wells in this area also have lower VOCs in general. The only concentration exceeding RSR limits was benzene in MW-17 at 1.62 ug/L. ETPH in that well was detected at 167 ug/L, below its respective criteria.

Offsite Wells: MW-12, MW-13, MW-18, MW-19 and MW-20.

Several off-site wells are located on the residential property to the west of the school. No VOCs or PAHs were detected in MW-12. MW-13, MW-18, MW-19 or MW-20. ETPH at 195 ug/L and 1, 2. 4 trimethylbenzene at 1.36 ug/L were detected in MW-13. ETPH was at the laboratory detection limits (150 ug/L) in the other off-site wells. No compounds exceeded their respective RSR criteria. In general, all contaminant concentrations in groundwater are lower than in previous monitoring rounds.

Respectfully submitted,

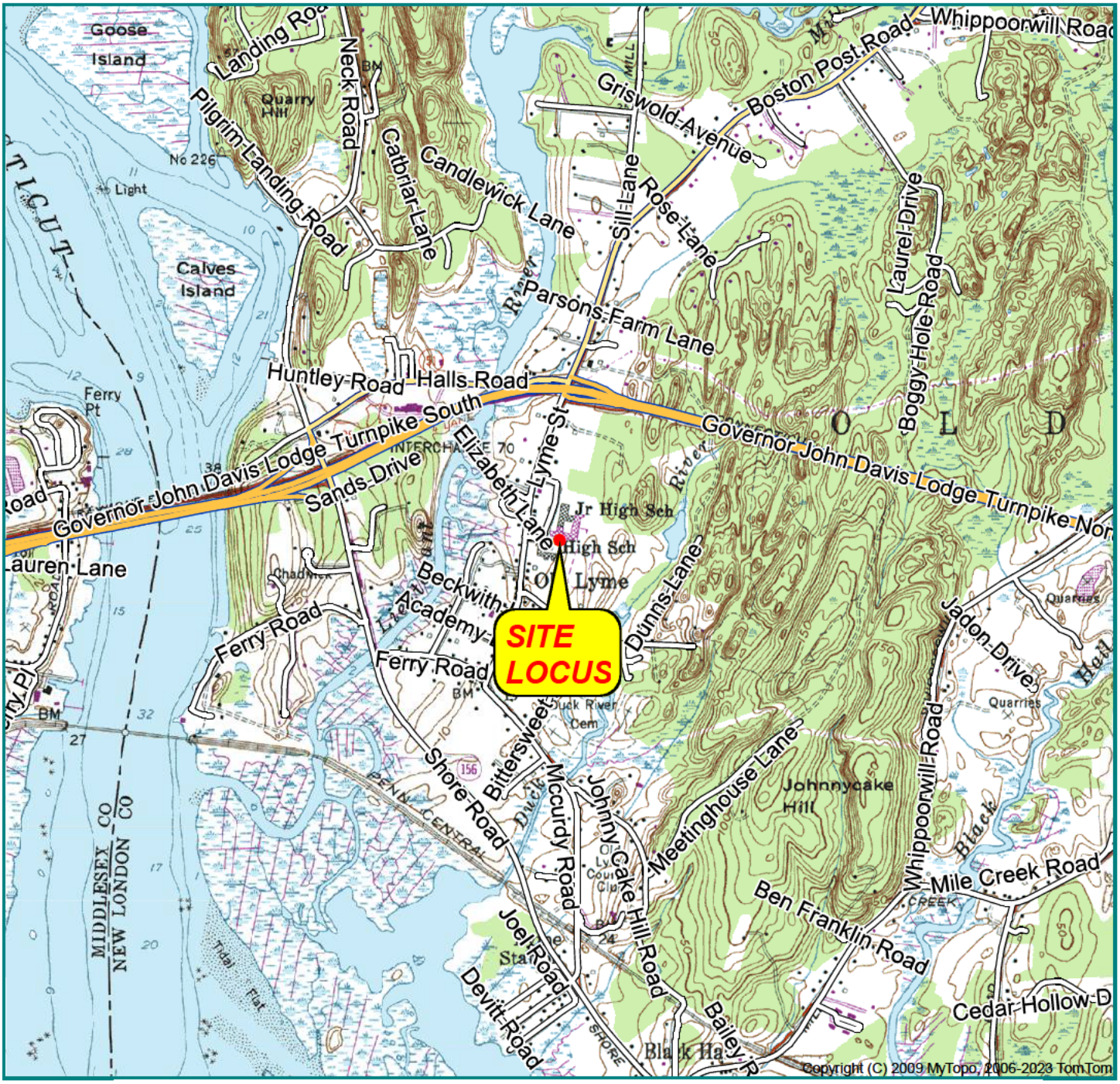
TURNER ENVIRONMENTAL, LLC



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 NE E SE S SW W NW

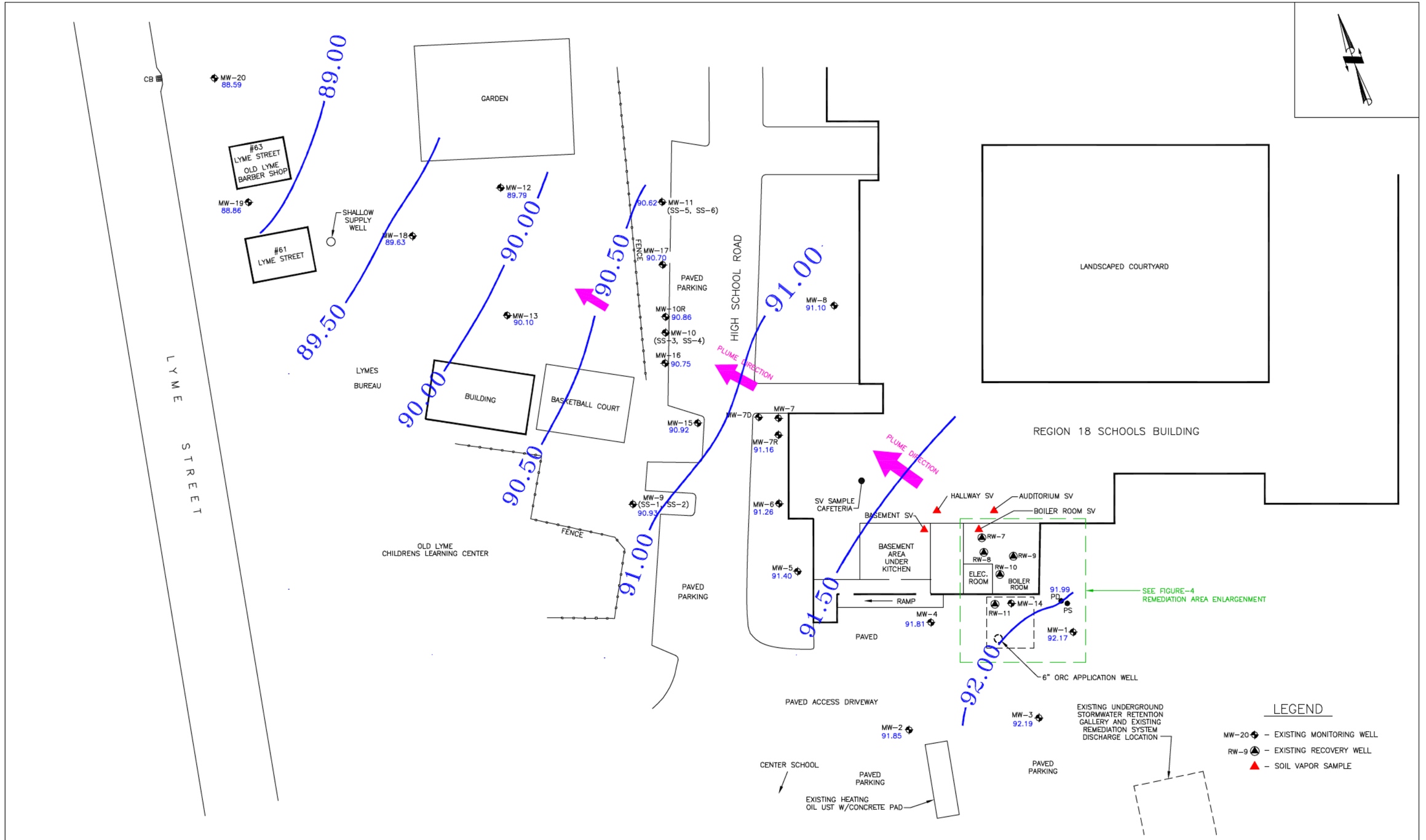
Site Coordinates:
041° 19' 04.35" N, 072° 19' 42.04" W

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

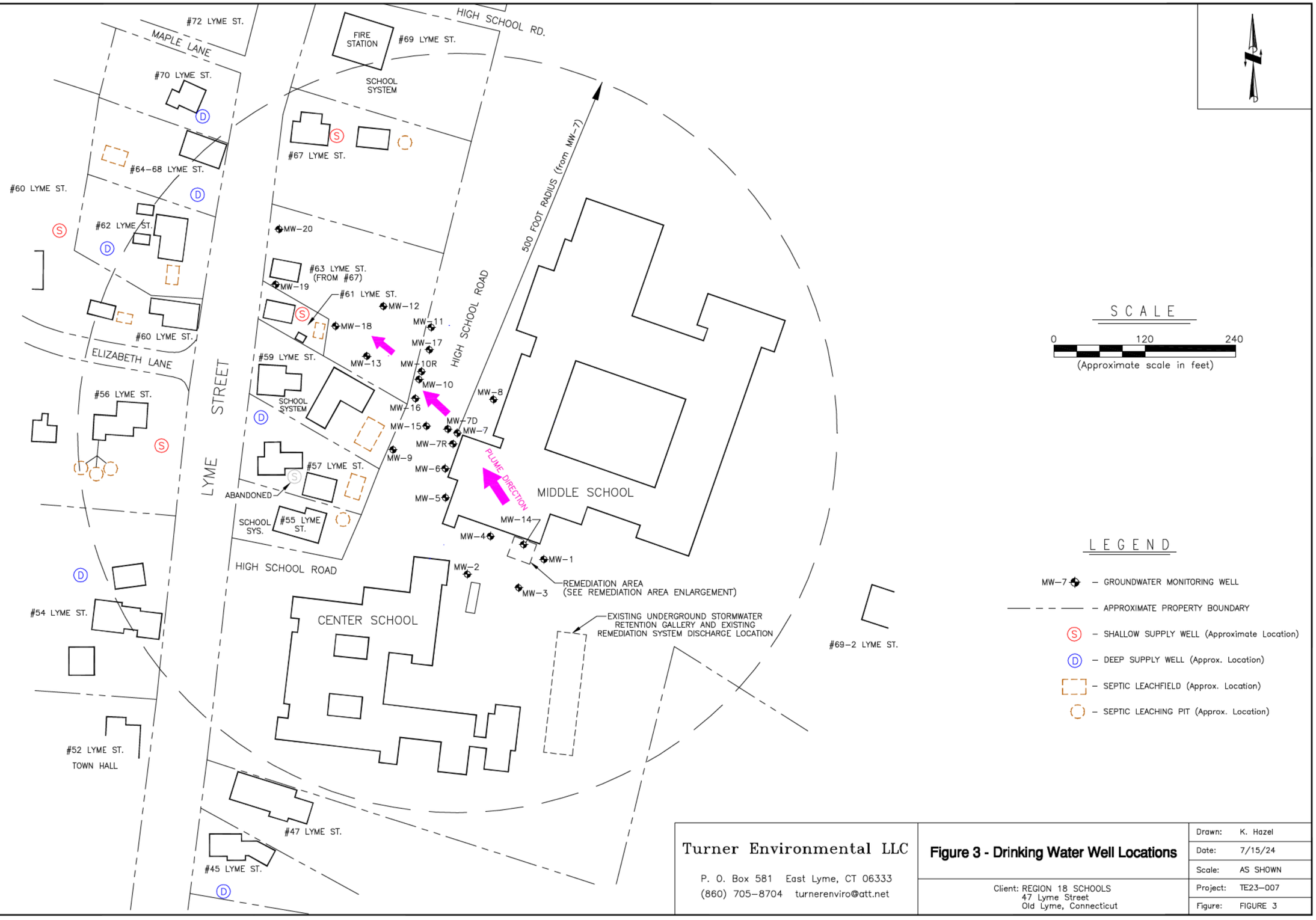


Turner Environmental LLC
P. O. Box 581 East Lyme, CT 06333
(860) 705-8704 turnerenviro@att.net

Figure 2 - Groundwater Contours (9/21/24 gauging data)

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

Drawn:	K. Hazel
Date:	9/29/24
Scale:	AS SHOWN
Project:	TE23-007
Figure:	FIGURE 2

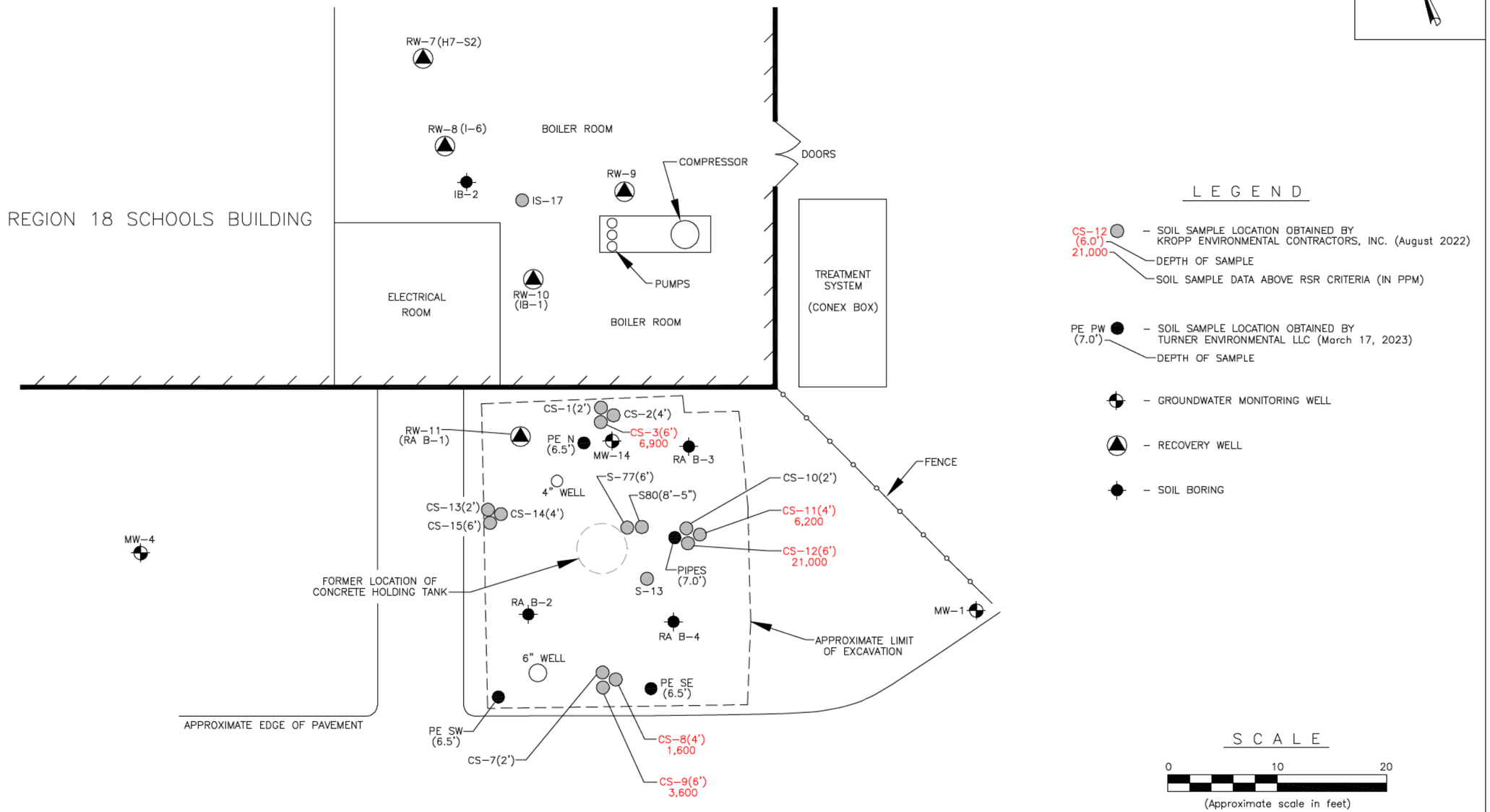


Turner Environmental LLC
P. O. Box 581 East Lyme, CT 06333
(860) 705-8704 turnerenviro@att.net

Figure 3 - Drinking Water Well Locations

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

Drawn:	K. Hazel
Date:	7/15/24
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)

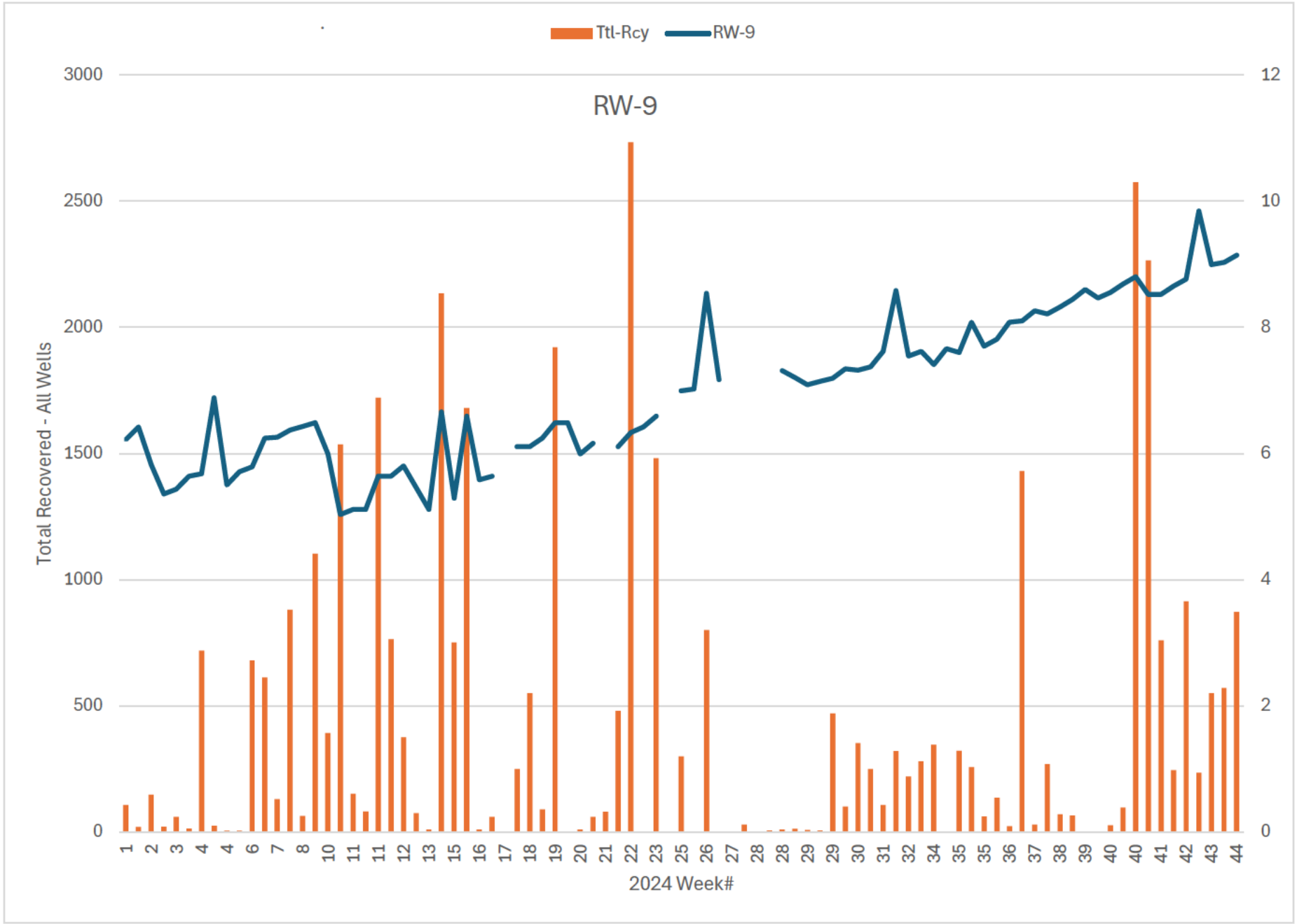
Turner Environmental LLC
P.O. Box 581 East Lyme, CT 06333
(860) 705-8704 turnerenviro@att.net

Figure 4
Remediation Area Enlargement

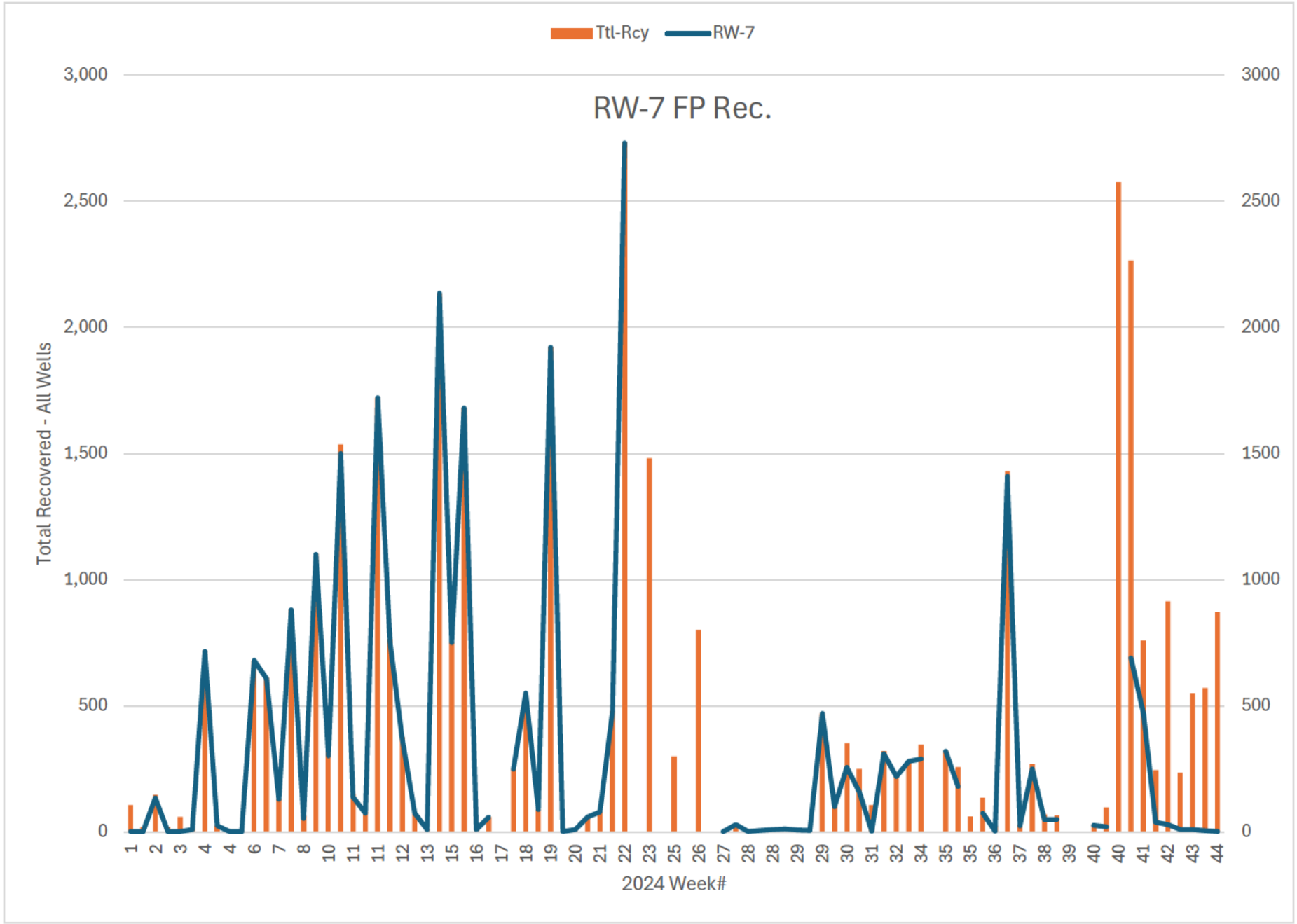
Address: 49 Lyme Street
Town of Old Lyme, New London County, Connecticut

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

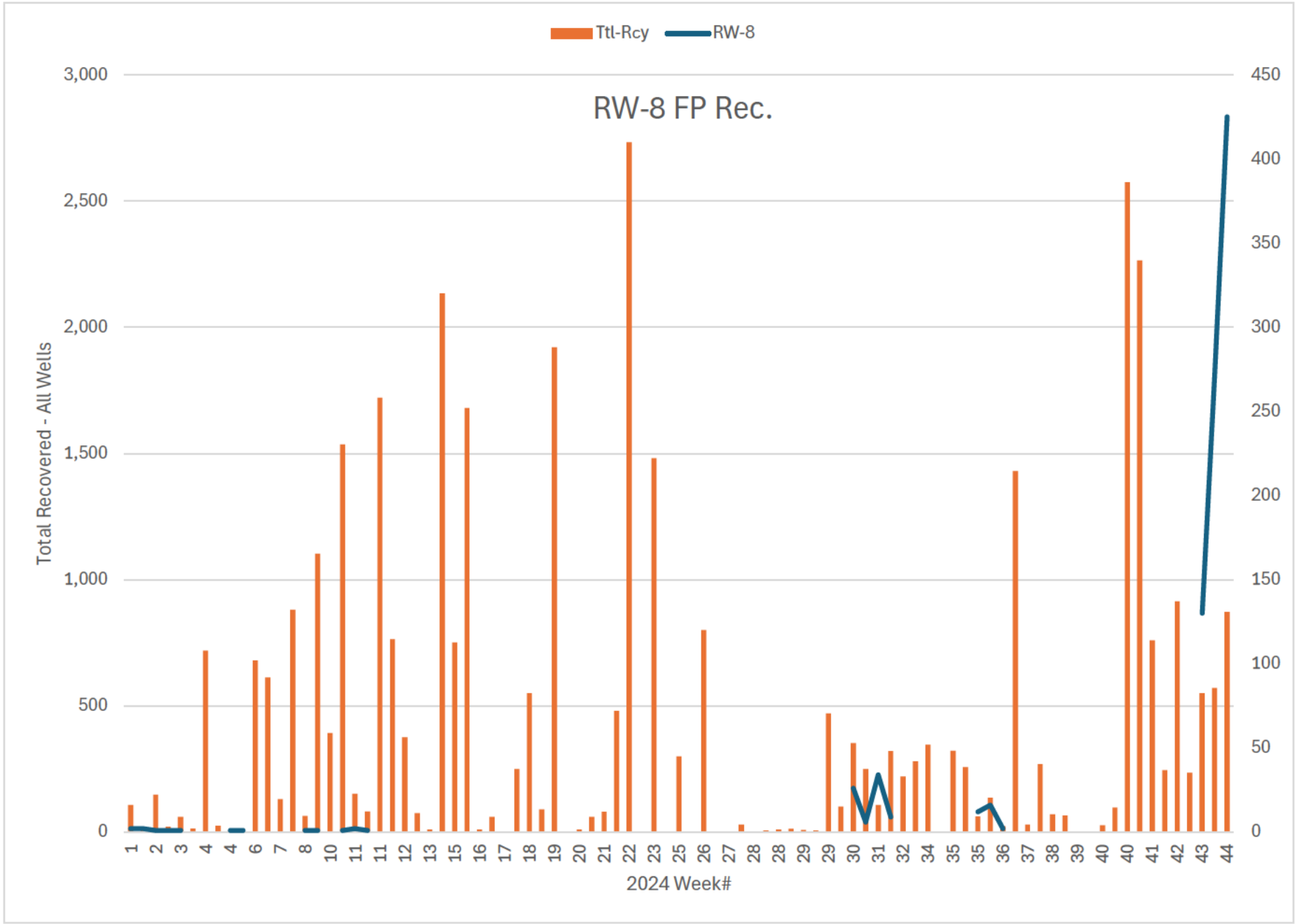
Graph depicts the Water TAble Elevation of RW-9 vs Total Free Product recovery .



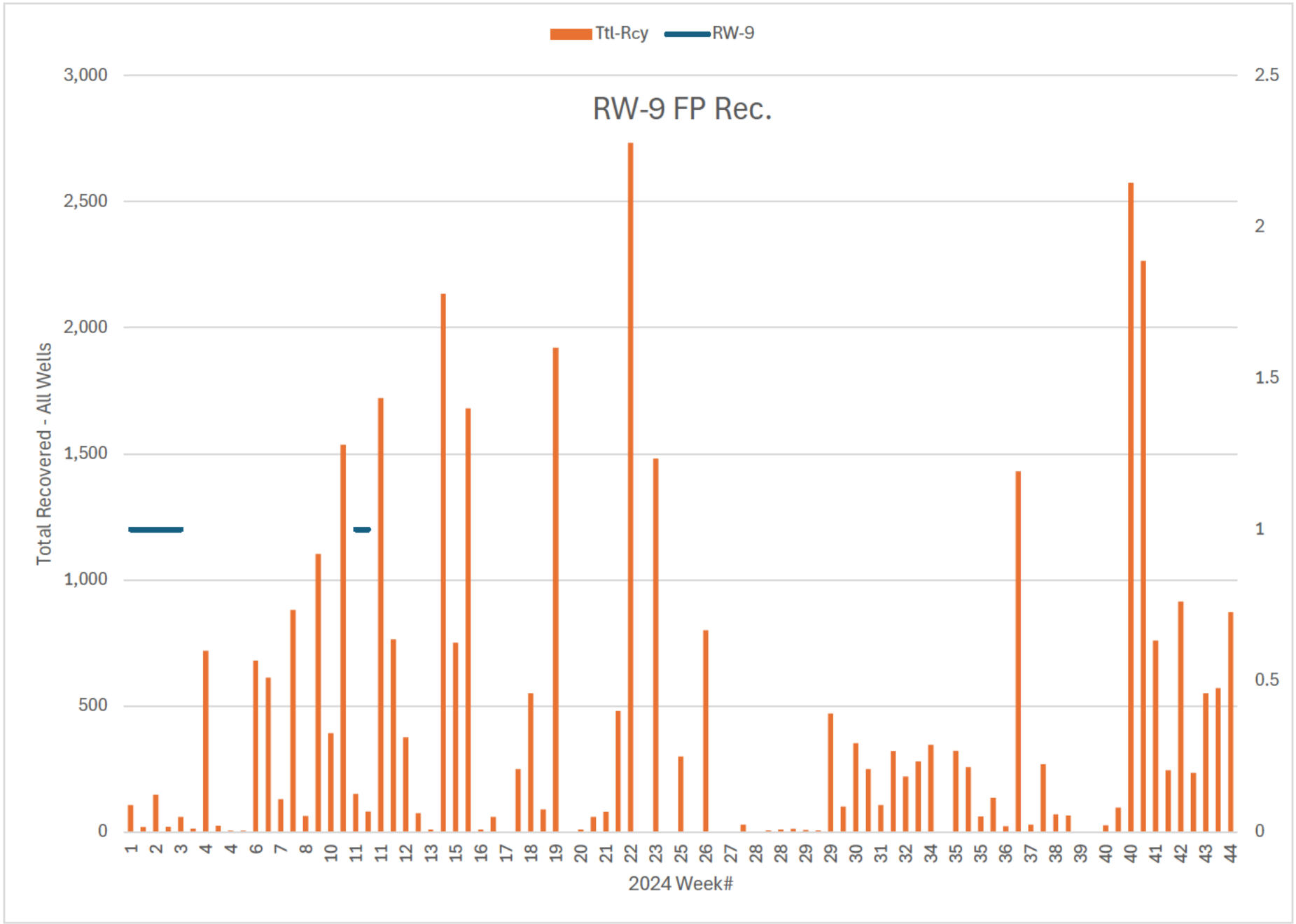
Graph depicts Total Free Product Recovery vs Free Product Recovery in RW-7



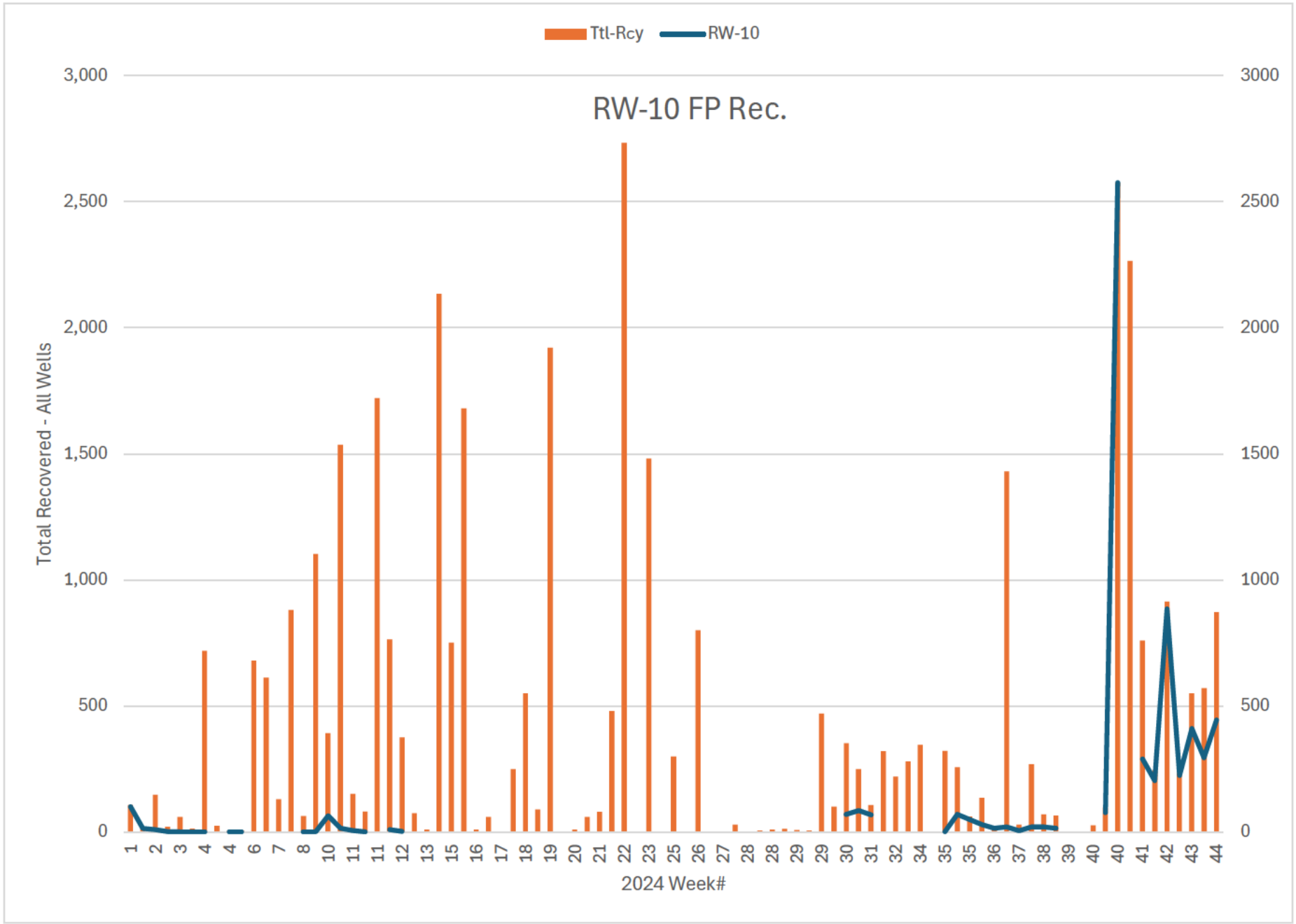
Graph depicts Total Free Product Recovery vs Free Product Recovery in RW-8



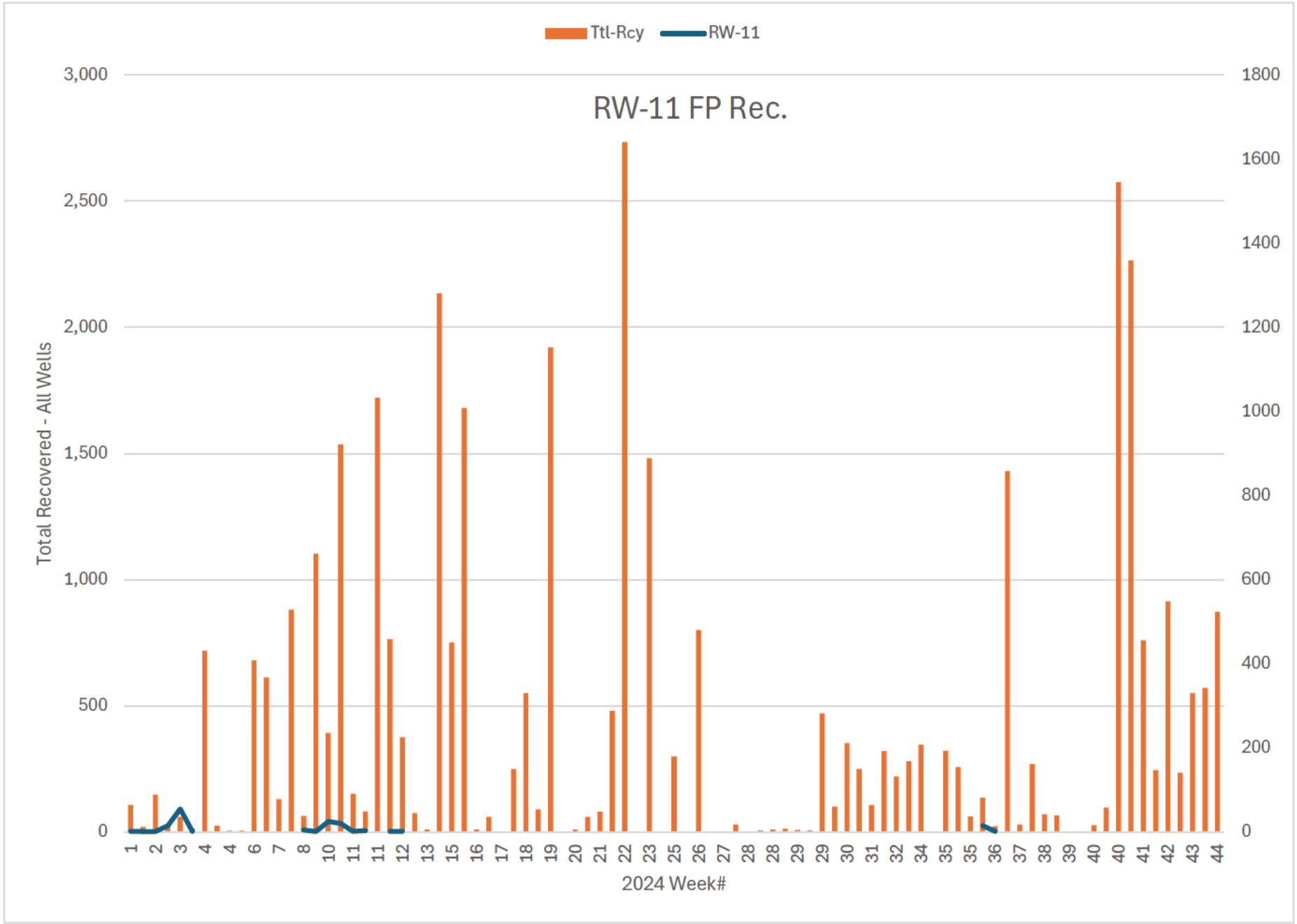
Graph depicts Total Free Product Recovery vs Free Product Recovery in RW-9



Graph depicts Total Free Product Recovery vs Free Product Recovery in RW-10



Graph depicts Total Free Product Recovery vs Free Product Recovery in RW-11



Tables

Table 2
Summary of Groundwater Analyses
Region 18 School

| Well Designation | Sample Date | Current 5x CCR Regulations | 1,1,1,2-Tetrachloroethane | 1,1,1-Trichloroethane | 1,1,2,2-Tetrachloroethane | 1,1,2-Trichloroethane (1,1,2-TCA) | 1,1-Dichloroethane | 1,1-Dichloroethene | 1,1-Dichloropropene | 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-Isopropyltoluene | 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 | Dichlorofluoromethane | Diethyl ether | Ethylbenzene | Hexachlorobutadiene | Isopropylbenzene | Methyl tert-butyl ether (MTBE) | Methylene chloride | Naphthalene | n-Butylbenzene | n-Propylbenzene | o-Xylene | p & m- Xylenes | 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 | Xylenes, Total | 4-Methyl-2-pentanone | Acetone | 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 | Dichlorofluoromethane | Ethylbenzene | Hexachlorobutadiene | Isopropylbenzene | Methyl tert-butyl ether (MTBE) | Methylene chloride | Naphthalene | n-Butylbenzene | n-Propylbenzene | o-Xylene | p & m- Xylenes | 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 | Xylenes, Total | 4-Methyl-2-pentanone | Acetone | 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 | Dichlorofluoromethane | Ethylbenzene | Hexachlorobutadiene | Isopropylbenzene | Methyl tert-butyl ether (MTBE) | Methylene chloride | Naphthalene | n-Butylbenzene | n-Propylbenzene | o-Xylene | p & m- Xylenes | 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 | Xylenes, Total | Acenaphthylene | Anthracene | Benzo(a)anthracene | Benzo(a)pyrene | Benzo(b)fluoranthene | Benzo(g,h,i)perylene | Benzo(k)fluoranthene | bis(2-ethylhexyl)phthalate | Chrysene | Dibenz(a,h)anthracene | Fluoranthene | Fluorene | Indeno(1,2,3-cd)pyrene | Naphthalene | Phenanthrene | Pyrene | 1,4-Dioxane |
|---|---|---

80 Lupes Drive
Stratford, CT 06615

Tel: (203) 377-9984
Fax: (203) 377-9952
e-mail: cet1@cetlabs.com

Client: Mr. David Turner
Turner Environmental, LLC
PO Box 581
East Lyme, CT 06333

Analytical Report
CET# 24I0625

Report Date:September 30, 2024
Project: Region 18 Schools, Old Lyme
Project Number: TE-23-007
PO Number: Region 18

Connecticut Laboratory Certificate: PH 0116
Massachusetts Laboratory Certificate: M-CT903
Rhode Island Laboratory Certificate: 199

New York NELAP Accreditation: 11982
Pennsylvania Certificate: 68-02927

Technical Report

prepared for:

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

Report Date: 10/09/2024
Client Project ID: TE23-007 Region 18
York Project (SDG) No.: 24I1423

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

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

Report Date: 10/09/2024
Client Project ID: TE23-007 Region 18
York Project (SDG) No.: 24I1423

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 24, 2024 and listed below. The project was identified as your project: **TE23-007 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
24I1423-01	MW-1	Ground Water	09/21/2024	09/24/2024
24I1423-02	MW-2	Ground Water	09/21/2024	09/24/2024
24I1423-03	MW-3	Ground Water	09/21/2024	09/24/2024
24I1423-04	MW-4	Ground Water	09/21/2024	09/24/2024
24I1423-05	MW-5	Ground Water	09/21/2024	09/24/2024
24I1423-06	MW-6	Ground Water	09/21/2024	09/24/2024
24I1423-07	MW-7	Ground Water	09/21/2024	09/24/2024
24I1423-08	MW-7R	Ground Water	09/21/2024	09/24/2024
24I1423-09	MW-7D	Ground Water	09/21/2024	09/24/2024
24I1423-10	MW-8	Ground Water	09/21/2024	09/24/2024
24I1423-11	MW-9	Ground Water	09/21/2024	09/24/2024
24I1423-12	MW-10	Ground Water	09/21/2024	09/24/2024
24I1423-13	MW-10R	Ground Water	09/21/2024	09/24/2024
24I1423-14	MW-11	Ground Water	09/21/2024	09/24/2024
24I1423-15	MW-12	Ground Water	09/21/2024	09/24/2024
24I1423-16	MW-13	Ground Water	09/21/2024	09/24/2024
24I1423-17	MW-15	Ground Water	09/21/2024	09/24/2024
24I1423-18	MW-16	Ground Water	09/21/2024	09/24/2024
24I1423-19	MW-17	Ground Water	09/21/2024	09/24/2024
24I1423-20	MW-18	Ground Water	09/21/2024	09/24/2024
24I1423-21	MW-19	Ground Water	09/21/2024	09/24/2024

York Sample ID	Client Sample ID	Matrix	Date Collected	Date Received
24I1423-22	MW-20	Ground Water	09/21/2024	09/24/2024
24I1423 23	RW 8	Ground Water	09/22/2024	09/24/2024
24I1423-24	RW-9	Ground Water	09/22/2024	09/24/2024

General Notes for York Project (SDG) No.: 24I1423

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

Approved By: Cassie L Mosher

Date: 10/09/2024

Cassie L Mosher
Laboratory Manager

Sample Information

Client Sample ID: MW-1 **York Sample ID:** 24I1423-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24I1423	TE23-007 Region 18	Ground Water	September 21, 2024 8:55 am	09/24/2024

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	09/27/2024 02:00	09/27/2024 14:01	FO
71-55-6	1,1,1-Trichloroethane	ND		ug/L	0.500	1	EPA 8260C	09/27/2024 02:00	09/27/2024 14:01	FO
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.500	1	EPA 8260C	09/27/2024 02:00	09/27/2024 14:01	FO
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/L	0.500	1	EPA 8260C	09/27/2024 02:00	09/27/2024 14:01	FO
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.500	1	EPA 8260C	09/27/2024 02:00	09/27/2024 14:01	FO
75-34-3	1,1-Dichloroethane	ND		ug/L	0.500	1	EPA 8260C	09/27/2024 02:00	09/27/2024 14:01	FO
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.500	1	EPA 8260C	09/27/2024 02:00	09/27/2024 14:01	FO
563-58-6	1,1-Dichloropropylene	ND		ug/L	0.500	1	EPA 8260C	09/27/2024 02:00	09/27/2024 14:01	FO
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	0.500	1	EPA 8260C	09/27/2024 02:00	09/27/2024 14:01	FO
96-18-4	1,2,3-Trichloropropane	ND		ug/L	0.500	1	EPA 8260C	09/27/2024 02:00	09/27/2024 14:01	FO
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.500	1	EPA 8260C	09/27/2024 02:00	09/27/2024 14:01	FO
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	0.500	1	EPA 8260C	09/27/2024 02:00	09/27/2024 14:01	FO
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.500	1	EPA 8260C	09/27/2024 02:00	09/27/2024 14:01	FO
106-93-4	1,2-Dibromoethane	ND		ug/L	0.500	1	EPA 8260C	09/27/2024 02:00	09/27/2024 14:01	FO
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.500	1	EPA 8260C	09/27/2024 02:00	09/27/2024 14:01	FO
107-06-2	1,2-Dichloroethane	ND		ug/L	0.500	1	EPA 8260C	09/27/2024 02:00	09/27/2024 14:01	FO
78-87-5	1,2-Dichloropropane	ND		ug/L	0.500	1	EPA 8260C	09/27/2024 02:00	09/27/2024 14:01	FO
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	0.500	1	EPA 8260C	09/27/2024 02:00	09/27/2024 14:01	FO
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.500	1	EPA 8260C	09/27/2024 02:00	09/27/2024 14:01	FO
142-28-9	1,3-Dichloropropane	ND		ug/L	0.500	1	EPA 8260C	09/27/2024 02:00	09/27/2024 14:01	FO
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.500	1	EPA 8260C	09/27/2024 02:00	09/27/2024 14:01	FO
594-20-7	2,2-Dichloropropane	ND		ug/L	0.500	1	EPA 8260C	09/27/2024 02:00	09/27/2024 14:01	FO
78-93-3	2-Butanone	ND		ug/L	0.500	1	EPA 8260C	09/27/2024 02:00	09/27/2024 14:01	FO
95-49-8	2-Chlorotoluene	ND		ug/L	0.500	1	EPA 8260C	09/27/2024 02:00	09/27/2024 14:01	FO
591-78-6	2-Hexanone	ND		ug/L	0.500	1	EPA 8260C	09/27/2024 02:00	09/27/2024 14:01	FO
106-43-4	4-Chlorotoluene	ND		ug/L	0.500	1	EPA 8260C	09/27/2024 02:00	09/27/2024 14:01	FO
108-10-1	4-Methyl-2-pentanone	ND		ug/L	0.500	1	EPA 8260C	09/27/2024 02:00	09/27/2024 14:01	FO
67-64-1	Acetone	ND		ug/L	2.00	1	EPA 8260C	09/27/2024 02:00	09/27/2024 14:01	FO
107-13-1	Acrylonitrile	ND		ug/L	0.500	1	EPA 8260C	09/27/2024 02:00	09/27/2024 14:01	FO
71-43-2	Benzene	ND		ug/L	0.500	1	EPA 8260C	09/27/2024 02:00	09/27/2024 14:01	FO
108-86-1	Bromobenzene	ND		ug/L	0.500	1	EPA 8260C	09/27/2024 02:00	09/27/2024 14:01	FO
74-97-5	Bromochloromethane	ND		ug/L	0.500	1	EPA 8260C	09/27/2024 02:00	09/27/2024 14:01	FO
75-27-4	Bromodichloromethane	ND		ug/L	0.500	1	EPA 8260C	09/27/2024 02:00	09/27/2024 14:01	FO
75-25-2	Bromoform	ND		ug/L	0.500	1	EPA 8260C	09/27/2024 02:00	09/27/2024 14:01	FO
74-83-9	Bromomethane	ND		ug/L	0.500	1	EPA 8260C	09/27/2024 02:00	09/27/2024 14:01	FO
75-15-0	Carbon disulfide	ND		ug/L	0.500	1	EPA 8260C	09/27/2024 02:00	09/27/2024 14:01	FO

Sample Information

Client Sample ID: MW-1 **York Sample ID:** 24I1423 01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24I1423	TE23-007 Region 18	Ground Water	September 21, 2024 8:55 am	09/24/2024

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	09/27/2024 02:00	09/27/2024 14:01	FO
108-90-7	Chlorobenzene	ND		ug/L	0.500	1	EPA 8260C	09/27/2024 02:00	09/27/2024 14:01	FO
75 00 3	Chloroethane	ND		ug/L	0 500	1	EPA 8260C	09/27/2024 02:00	09/27/2024 14:01	FO
67-66-3	Chloroform	ND		ug/L	0.500	1	EPA 8260C	09/27/2024 02:00	09/27/2024 14:01	FO
74-87-3	Chloromethane	ND		ug/L	0.500	1	EPA 8260C	09/27/2024 02:00	09/27/2024 14:01	FO
156-59-2	cis-1,2-Dichloroethylene	ND		ug/L	0.500	1	EPA 8260C	09/27/2024 02:00	09/27/2024 14:01	FO
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.500	1	EPA 8260C	09/27/2024 02:00	09/27/2024 14:01	FO
124-48-1	Dibromochloromethane	ND		ug/L	0.500	1	EPA 8260C	09/27/2024 02:00	09/27/2024 14:01	FO
74-95-3	Dibromomethane	ND		ug/L	0.500	1	EPA 8260C	09/27/2024 02:00	09/27/2024 14:01	FO
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.500	1	EPA 8260C	09/27/2024 02:00	09/27/2024 14:01	FO
100-41-4	Ethyl Benzene	ND		ug/L	0.500	1	EPA 8260C	09/27/2024 02:00	09/27/2024 14:01	FO
87-68-3	Hexachlorobutadiene	ND		ug/L	0.500	1	EPA 8260C	09/27/2024 02:00	09/27/2024 14:01	FO
98-82-8	Isopropylbenzene	ND		ug/L	0.500	1	EPA 8260C	09/27/2024 02:00	09/27/2024 14:01	FO
80-62-6	Methyl Methacrylate	ND		ug/L	0.500	1	EPA 8260C	09/27/2024 02:00	09/27/2024 14:01	FO
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.500	1	EPA 8260C	09/27/2024 02:00	09/27/2024 14:01	FO
75-09-2	Methylene chloride	ND		ug/L	2.00	1	EPA 8260C	09/27/2024 02:00	09/27/2024 14:01	FO
91-20-3	Naphthalene	ND		ug/L	2.00	1	EPA 8260C	09/27/2024 02:00	09/27/2024 14:01	FO
104-51-8	n-Butylbenzene	ND		ug/L	0.500	1	EPA 8260C	09/27/2024 02:00	09/27/2024 14:01	FO
103-65-1	n-Propylbenzene	ND		ug/L	0.500	1	EPA 8260C	09/27/2024 02:00	09/27/2024 14:01	FO
95-47-6	o-Xylene	ND		ug/L	0.500	1	EPA 8260C	09/27/2024 02:00	09/27/2024 14:01	FO
179601-23-1	p- & m- Xylenes	ND		ug/L	1.00	1	EPA 8260C	09/27/2024 02:00	09/27/2024 14:01	FO
99-87-6	p-Isopropyltoluene	ND		ug/L	0.500	1	EPA 8260C	09/27/2024 02:00	09/27/2024 14:01	FO
135-98-8	sec-Butylbenzene	ND		ug/L	0.500	1	EPA 8260C	09/27/2024 02:00	09/27/2024 14:01	FO
100-42-5	Styrene	ND		ug/L	0.500	1	EPA 8260C	09/27/2024 02:00	09/27/2024 14:01	FO
98-06-6	tert-Butylbenzene	ND		ug/L	0.500	1	EPA 8260C	09/27/2024 02:00	09/27/2024 14:01	FO
127-18-4	Tetrachloroethylene	ND	QL-02, CCVE, ICVE	ug/L	0.500	1	EPA 8260C	09/27/2024 02:00	09/27/2024 14:01	FO
109-99-9	Tetrahydrofuran	ND	QL-02	ug/L	4.00	1	EPA 8260C	09/27/2024 02:00	09/27/2024 14:01	FO
108-88-3	Toluene	ND		ug/L	0.500	1	EPA 8260C	09/27/2024 02:00	09/27/2024 14:01	FO
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.500	1	EPA 8260C	09/27/2024 02:00	09/27/2024 14:01	FO
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.500	1	EPA 8260C	09/27/2024 02:00	09/27/2024 14:01	FO
110-57-6	trans-1,4-dichloro-2-butene	ND		ug/L	0.500	1	EPA 8260C	09/27/2024 02:00	09/27/2024 14:01	FO
79-01-6	Trichloroethylene	ND		ug/L	0.500	1	EPA 8260C	09/27/2024 02:00	09/27/2024 14:01	FO
75-69-4	Trichlorofluoromethane	ND		ug/L	0.500	1	EPA 8260C	09/27/2024 02:00	09/27/2024 14:01	FO
75-01-4	Vinyl Chloride	ND		ug/L	0.500	1	EPA 8260C	09/27/2024 02:00	09/27/2024 14:01	FO

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: SURR: 1,2-Dichloroethane-d4*	*111 %*	*70-130*
2037-26-5	*Surrogate: SURR: Toluene-d8*	*102 %*	*70-130*

Sample Information

Client Sample ID: MW-1 **York Sample ID:** 24I1423 01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24I1423	TE23-007 Region 18	Ground Water	September 21, 2024 8:55 am	09/24/2024

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:**

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	09/27/2024 19:51	09/28/2024 16:48	LL
	Surrogate Recoveries	**Result**			**Acceptance Range**					
4165-60-0	*Surrogate: SURR: Nitrobenzene-d5*	*61.0 %*			*30-130*					
321-60-8	*Surrogate: SURR: 2-Fluorobiphenyl*	*64.3 %*			*30-130*					
1718-51-0	*Surrogate: SURR: Terphenyl-d14*	*67.3 %*			*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	09/27/2024 19:51	10/01/2024 12:04	LL
208-96-8	Acenaphthylene	ND		ug/L	0.0500	1	EPA 8270D SIM	09/27/2024 19:51	10/01/2024 12:04	LL
120 12 7	Anthracene	ND		ug/L	0 0500	1	EPA 8270D SIM	09/27/2024 19:51	10/01/2024 12:04	LL
56-55-3	Benzo(a)anthracene	ND		ug/L	0.0500	1	EPA 8270D SIM	09/27/2024 19:51	10/01/2024 12:04	LL
50 32 8	Benzo(a)pyrene	ND		ug/L	0 0500	1	EPA 8270D SIM	09/27/2024 19:51	10/01/2024 12:04	LL
205-99-2	Benzo(b)fluoranthene	ND		ug/L	0.0500	1	EPA 8270D SIM	09/27/2024 19:51	10/01/2024 12:04	LL
191 24 2	Benzo(g,h,i)perylene	ND		ug/L	0 0500	1	EPA 8270D SIM	09/27/2024 19:51	10/01/2024 12:04	LL
207-08-9	Benzo(k)fluoranthene	ND		ug/L	0.0500	1	EPA 8270D SIM	09/27/2024 19:51	10/01/2024 12:04	LL
218-01-9	Chrysene	ND		ug/L	0.0500	1	EPA 8270D SIM	09/27/2024 19:51	10/01/2024 12:04	LL
53-70-3	Dibenzo(a,h)anthracene	ND		ug/L	0.0500	1	EPA 8270D SIM	09/27/2024 19:51	10/01/2024 12:04	LL
206-44-0	Fluoranthene	ND		ug/L	0.0500	1	EPA 8270D SIM	09/27/2024 19:51	10/01/2024 12:04	LL
86-73-7	Fluorene	ND		ug/L	0.0500	1	EPA 8270D SIM	09/27/2024 19:51	10/01/2024 12:04	LL
193-39-5	Indeno(1,2,3-cd)pyrene	ND		ug/L	0.0500	1	EPA 8270D SIM	09/27/2024 19:51	10/01/2024 12:04	LL
91-20-3	Naphthalene	ND		ug/L	0.0500	1	EPA 8270D SIM	09/27/2024 19:51	10/01/2024 12:04	LL
85-01-8	Phenanthrene	ND		ug/L	0.0500	1	EPA 8270D SIM	09/27/2024 19:51	10/01/2024 12:04	LL
129-00-0	Pyrene	ND		ug/L	0.0500	1	EPA 8270D SIM	09/27/2024 19:51	10/01/2024 12:04	LL

Extractable Total Petroleum Hydrocarbons (ETPH)

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

Sample Prepared by Method: EPA SW846-3510C Low Level

CAS No.	Parameter	Result	Flag	Units	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
CT ETPH	**ETPH (Extractable Total Petroleum Hydrocarbons)**	**0.160**		mg/L	0.150	1	CT DEP ETPH	09/27/2024 08 34	09/28/2024 01 57	GXB
	Surrogate Recoveries	**Result**			**Acceptance Range**					

Sample Information

Client Sample ID: MW-1 **York Sample ID:** 24I1423-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24I1423	TE23-007 Region 18	Ground Water	September 21, 2024 8:55 am	09/24/2024

Extractable Total Petroleum Hydrocarbons (ETPH)

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA SW846-3510C Low Level

CAS No.	Parameter	Result	Flag	Units	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
3386-33-2	*Surrogate: 1-Chlorooctadecane*	*47.7 %*			*30-140*					

Sample Information

Client Sample ID: MW-2 **York Sample ID:** 24I1423-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24I1423	TE23-007 Region 18	Ground Water	September 21, 2024 9:50 am	09/24/2024

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	09/27/2024 02:00	09/27/2024 14:28	FO
71-55-6	1,1,1-Trichloroethane	ND		ug/L	0.500	1	EPA 8260C	09/27/2024 02:00	09/27/2024 14:28	FO
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.500	1	EPA 8260C	09/27/2024 02:00	09/27/2024 14:28	FO
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/L	0.500	1	EPA 8260C	09/27/2024 02:00	09/27/2024 14:28	FO
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.500	1	EPA 8260C	09/27/2024 02:00	09/27/2024 14:28	FO
75-34-3	1,1-Dichloroethane	ND		ug/L	0.500	1	EPA 8260C	09/27/2024 02:00	09/27/2024 14:28	FO
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.500	1	EPA 8260C	09/27/2024 02:00	09/27/2024 14:28	FO
563-58-6	1,1-Dichloropropylene	ND		ug/L	0.500	1	EPA 8260C	09/27/2024 02:00	09/27/2024 14:28	FO
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	0.500	1	EPA 8260C	09/27/2024 02:00	09/27/2024 14:28	FO
96-18-4	1,2,3-Trichloropropane	ND		ug/L	0.500	1	EPA 8260C	09/27/2024 02:00	09/27/2024 14:28	FO
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.500	1	EPA 8260C	09/27/2024 02:00	09/27/2024 14:28	FO
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	0.500	1	EPA 8260C	09/27/2024 02:00	09/27/2024 14:28	FO
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.500	1	EPA 8260C	09/27/2024 02:00	09/27/2024 14:28	FO
106-93-4	1,2-Dibromoethane	ND		ug/L	0.500	1	EPA 8260C	09/27/2024 02:00	09/27/2024 14:28	FO
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.500	1	EPA 8260C	09/27/2024 02:00	09/27/2024 14:28	FO
107-06-2	1,2-Dichloroethane	ND		ug/L	0.500	1	EPA 8260C	09/27/2024 02:00	09/27/2024 14:28	FO
78-87-5	1,2-Dichloropropane	ND		ug/L	0.500	1	EPA 8260C	09/27/2024 02:00	09/27/2024 14:28	FO
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	0.500	1	EPA 8260C	09/27/2024 02:00	09/27/2024 14:28	FO
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.500	1	EPA 8260C	09/27/2024 02:00	09/27/2024 14:28	FO
142-28-9	1,3-Dichloropropane	ND		ug/L	0.500	1	EPA 8260C	09/27/2024 02:00	09/27/2024 14:28	FO
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.500	1	EPA 8260C	09/27/2024 02:00	09/27/2024 14:28	FO
594-20-7	2,2-Dichloropropane	ND		ug/L	0.500	1	EPA 8260C	09/27/2024 02:00	09/27/2024 14:28	FO
78-93-3	2-Butanone	ND		ug/L	0.500	1	EPA 8260C	09/27/2024 02:00	09/27/2024 14:28	FO
95 49 8	2-Chlorotoluene	ND		ug/L	0 500	1	EPA 8260C	09/27/2024 02:00	09/27/2024 14:28	FO

Sample Information

Client Sample ID: MW-2 **York Sample ID:** 24I1423 02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24I1423	TE23-007 Region 18	Ground Water	September 21, 2024 9:50 am	09/24/2024

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	09/27/2024 02:00	09/27/2024 14:28	FO
106-43-4	4-Chlorotoluene	ND		ug/L	0.500	1	EPA 8260C	09/27/2024 02:00	09/27/2024 14:28	FO
108 10 1	4-Methyl-2-pentanone	ND		ug/L	0 500	1	EPA 8260C	09/27/2024 02:00	09/27/2024 14:28	FO
67-64-1	Acetone	ND		ug/L	2.00	1	EPA 8260C	09/27/2024 02:00	09/27/2024 14:28	FO
107-13-1	Acrylonitrile	ND		ug/L	0.500	1	EPA 8260C	09/27/2024 02:00	09/27/2024 14:28	FO
71-43-2	Benzene	ND		ug/L	0.500	1	EPA 8260C	09/27/2024 02:00	09/27/2024 14:28	FO
108-86-1	Bromobenzene	ND		ug/L	0.500	1	EPA 8260C	09/27/2024 02:00	09/27/2024 14:28	FO
74-97-5	Bromochloromethane	ND		ug/L	0.500	1	EPA 8260C	09/27/2024 02:00	09/27/2024 14:28	FO
75-27-4	Bromodichloromethane	ND		ug/L	0.500	1	EPA 8260C	09/27/2024 02:00	09/27/2024 14:28	FO
75-25-2	Bromoform	ND		ug/L	0.500	1	EPA 8260C	09/27/2024 02:00	09/27/2024 14:28	FO
74-83-9	Bromomethane	ND		ug/L	0.500	1	EPA 8260C	09/27/2024 02:00	09/27/2024 14:28	FO
75-15-0	Carbon disulfide	ND		ug/L	0.500	1	EPA 8260C	09/27/2024 02:00	09/27/2024 14:28	FO
56-23-5	Carbon tetrachloride	ND		ug/L	0.500	1	EPA 8260C	09/27/2024 02:00	09/27/2024 14:28	FO
108-90-7	Chlorobenzene	ND		ug/L	0.500	1	EPA 8260C	09/27/2024 02:00	09/27/2024 14:28	FO
75-00-3	Chloroethane	ND		ug/L	0.500	1	EPA 8260C	09/27/2024 02:00	09/27/2024 14:28	FO
67-66-3	Chloroform	ND		ug/L	0.500	1	EPA 8260C	09/27/2024 02:00	09/27/2024 14:28	FO
74-87-3	Chloromethane	ND		ug/L	0.500	1	EPA 8260C	09/27/2024 02:00	09/27/2024 14:28	FO
156-59-2	cis-1,2-Dichloroethylene	ND		ug/L	0.500	1	EPA 8260C	09/27/2024 02:00	09/27/2024 14:28	FO
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.500	1	EPA 8260C	09/27/2024 02:00	09/27/2024 14:28	FO
124-48-1	Dibromochloromethane	ND		ug/L	0.500	1	EPA 8260C	09/27/2024 02:00	09/27/2024 14:28	FO
74-95-3	Dibromomethane	ND		ug/L	0.500	1	EPA 8260C	09/27/2024 02:00	09/27/2024 14:28	FO
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.500	1	EPA 8260C	09/27/2024 02:00	09/27/2024 14:28	FO
100-41-4	Ethyl Benzene	ND		ug/L	0.500	1	EPA 8260C	09/27/2024 02:00	09/27/2024 14:28	FO
87-68-3	Hexachlorobutadiene	ND		ug/L	0.500	1	EPA 8260C	09/27/2024 02:00	09/27/2024 14:28	FO
98-82-8	Isopropylbenzene	ND		ug/L	0.500	1	EPA 8260C	09/27/2024 02:00	09/27/2024 14:28	FO
80-62-6	Methyl Methacrylate	ND		ug/L	0.500	1	EPA 8260C	09/27/2024 02:00	09/27/2024 14:28	FO
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.500	1	EPA 8260C	09/27/2024 02:00	09/27/2024 14:28	FO
75-09-2	Methylene chloride	ND		ug/L	2.00	1	EPA 8260C	09/27/2024 02:00	09/27/2024 14:28	FO
91-20-3	Naphthalene	ND		ug/L	2.00	1	EPA 8260C	09/27/2024 02:00	09/27/2024 14:28	FO
104-51-8	n-Butylbenzene	ND		ug/L	0.500	1	EPA 8260C	09/27/2024 02:00	09/27/2024 14:28	FO
103-65-1	n-Propylbenzene	ND		ug/L	0.500	1	EPA 8260C	09/27/2024 02:00	09/27/2024 14:28	FO
95-47-6	o-Xylene	ND		ug/L	0.500	1	EPA 8260C	09/27/2024 02:00	09/27/2024 14:28	FO
179601-23-1	p- & m- Xylenes	ND		ug/L	1.00	1	EPA 8260C	09/27/2024 02:00	09/27/2024 14:28	FO
99-87-6	p-Isopropyltoluene	ND		ug/L	0.500	1	EPA 8260C	09/27/2024 02:00	09/27/2024 14:28	FO
135-98-8	sec-Butylbenzene	ND		ug/L	0.500	1	EPA 8260C	09/27/2024 02:00	09/27/2024 14:28	FO
100-42-5	Styrene	ND		ug/L	0.500	1	EPA 8260C	09/27/2024 02:00	09/27/2024 14:28	FO
98-06-6	tert-Butylbenzene	ND		ug/L	0.500	1	EPA 8260C	09/27/2024 02:00	09/27/2024 14:28	FO

Sample Information

Client Sample ID: MW-2 **York Sample ID:** 24I1423 02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24I1423	TE23-007 Region 18	Ground Water	September 21, 2024 9:50 am	09/24/2024

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	09/27/2024 02:00	09/27/2024 14:28	FO
109-99-9	Tetrahydrofuran	ND	QL-02	ug/L	4.00	1	EPA 8260C	09/27/2024 02:00	09/27/2024 14:28	FO
108-88-3	Toluene	ND		ug/L	0.500	1	EPA 8260C	09/27/2024 02:00	09/27/2024 14:28	FO
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.500	1	EPA 8260C	09/27/2024 02:00	09/27/2024 14:28	FO
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.500	1	EPA 8260C	09/27/2024 02:00	09/27/2024 14:28	FO
110-57-6	trans-1,4-dichloro-2-butene	ND		ug/L	0.500	1	EPA 8260C	09/27/2024 02:00	09/27/2024 14:28	FO
79-01-6	Trichloroethylene	ND		ug/L	0.500	1	EPA 8260C	09/27/2024 02:00	09/27/2024 14:28	FO
75-69-4	Trichlorofluoromethane	ND		ug/L	0.500	1	EPA 8260C	09/27/2024 02:00	09/27/2024 14:28	FO
75-01-4	Vinyl Chloride	ND		ug/L	0.500	1	EPA 8260C	09/27/2024 02:00	09/27/2024 14:28	FO

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: SURR: 1,2-Dichloroethane-d4*	*107 %*	*70-130*
2037-26-5	*Surrogate: SURR: Toluene-d8*	*102 %*	*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	09/27/2024 19:51	09/28/2024 17:18	LL

	Surrogate Recoveries	Result	Acceptance Range
4165-60-0	*Surrogate: SURR: Nitrobenzene-d5*	*72.0 %*	*30-130*
321-60-8	*Surrogate: SURR: 2-Fluorobiphenyl*	*77.5 %*	*30-130*
1718-51-0	*Surrogate: SURR: Terphenyl-d14*	*56.5 %*	*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		ug/L	0.0500	1	EPA 8270D SIM	09/27/2024 19:51	10/01/2024 12:33	LL
208 96 8	Acenaphthylene	ND		ug/L	0 0500	1	EPA 8270D SIM	09/27/2024 19:51	10/01/2024 12:33	LL
120-12-7	Anthracene	ND		ug/L	0.0500	1	EPA 8270D SIM	09/27/2024 19:51	10/01/2024 12:33	LL
56 55 3	Benzo(a)anthracene	ND		ug/L	0 0500	1	EPA 8270D SIM	09/27/2024 19:51	10/01/2024 12:33	LL
50-32-8	Benzo(a)pyrene	ND		ug/L	0.0500	1	EPA 8270D SIM	09/27/2024 19:51	10/01/2024 12:33	LL
205 99 2	Benzo(b)fluoranthene	ND		ug/L	0 0500	1	EPA 8270D SIM	09/27/2024 19:51	10/01/2024 12:33	LL
191-24-2	Benzo(g,h,i)perylene	ND		ug/L	0.0500	1	EPA 8270D SIM	09/27/2024 19:51	10/01/2024 12:33	LL
207 08 9	Benzo(k)fluoranthene	ND		ug/L	0 0500	1	EPA 8270D SIM	09/27/2024 19:51	10/01/2024 12:33	LL
218-01-9	Chrysene	ND		ug/L	0.0500	1	EPA 8270D SIM	09/27/2024 19:51	10/01/2024 12:33	LL
53-70-3	Dibenzo(a,h)anthracene	ND		ug/L	0.0500	1	EPA 8270D SIM	09/27/2024 19:51	10/01/2024 12:33	LL

Sample Information

Client Sample ID: MW-2 **York Sample ID:** 24I1423-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24I1423	TE23-007 Region 18	Ground Water	September 21, 2024 9:50 am	09/24/2024

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		ug/L	0.0500	1	EPA 8270D SIM	09/27/2024 19:51	10/01/2024 12:33	LL
86-73-7	Fluorene	ND		ug/L	0.0500	1	EPA 8270D SIM	09/27/2024 19:51	10/01/2024 12:33	LL
193-39-5	Indeno(1,2,3-cd)pyrene	ND		ug/L	0.0500	1	EPA 8270D SIM	09/27/2024 19:51	10/01/2024 12:33	LL
91-20-3	Naphthalene	ND		ug/L	0.0500	1	EPA 8270D SIM	09/27/2024 19:51	10/01/2024 12:33	LL
85-01-8	Phenanthrene	ND		ug/L	0.0500	1	EPA 8270D SIM	09/27/2024 19:51	10/01/2024 12:33	LL
129-00-0	Pyrene	ND		ug/L	0.0500	1	EPA 8270D SIM	09/27/2024 19:51	10/01/2024 12:33	LL

Extractable Total Petroleum Hydrocarbons (ETPH)

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

Sample Prepared by Method: EPA SW846-3510C Low Level

CAS No.	Parameter	Result	Flag	Units	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
CT ETPH	**ETPH (Extractable Total Petroleum Hydrocarbons)**	**0.173**		mg/L	0.150	1	CT DEP ETPH	09/27/2024 08:34	09/28/2024 02:35	GXB

	Surrogate Recoveries	Result	Acceptance Range
3386-33-2	*Surrogate: 1-Chlorooctadecane*	*60.2 %*	*30-140*

Sample Information

Client Sample ID: MW-3 **York Sample ID:** 24I1423-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24I1423	TE23-007 Region 18	Ground Water	September 21, 2024 9:05 am	09/24/2024

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	09/27/2024 02:00	09/27/2024 14:55	FO
71-55-6	1,1,1-Trichloroethane	ND		ug/L	0.500	1	EPA 8260C	09/27/2024 02:00	09/27/2024 14:55	FO
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.500	1	EPA 8260C	09/27/2024 02:00	09/27/2024 14:55	FO
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/L	0.500	1	EPA 8260C	09/27/2024 02:00	09/27/2024 14:55	FO
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.500	1	EPA 8260C	09/27/2024 02:00	09/27/2024 14:55	FO
75-34-3	1,1-Dichloroethane	ND		ug/L	0.500	1	EPA 8260C	09/27/2024 02:00	09/27/2024 14:55	FO
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.500	1	EPA 8260C	09/27/2024 02:00	09/27/2024 14:55	FO
563-58-6	1,1-Dichloropropylene	ND		ug/L	0.500	1	EPA 8260C	09/27/2024 02:00	09/27/2024 14:55	FO
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	0.500	1	EPA 8260C	09/27/2024 02:00	09/27/2024 14:55	FO
96-18-4	1,2,3-Trichloropropane	ND		ug/L	0.500	1	EPA 8260C	09/27/2024 02:00	09/27/2024 14:55	FO
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.500	1	EPA 8260C	09/27/2024 02:00	09/27/2024 14:55	FO

Sample Information

Client Sample ID: MW-3 **York Sample ID:** 24I1423 03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24I1423	TE23-007 Region 18	Ground Water	September 21, 2024 9:05 am	09/24/2024

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	09/27/2024 02:00	09/27/2024 14:55	FO
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.500	1	EPA 8260C	09/27/2024 02:00	09/27/2024 14:55	FO
106 93 4	1,2-Dibromoethane	ND		ug/L	0 500	1	EPA 8260C	09/27/2024 02:00	09/27/2024 14:55	FO
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.500	1	EPA 8260C	09/27/2024 02:00	09/27/2024 14:55	FO
107-06-2	1,2-Dichloroethane	ND		ug/L	0.500	1	EPA 8260C	09/27/2024 02:00	09/27/2024 14:55	FO
78-87-5	1,2-Dichloropropane	ND		ug/L	0.500	1	EPA 8260C	09/27/2024 02:00	09/27/2024 14:55	FO
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	0.500	1	EPA 8260C	09/27/2024 02:00	09/27/2024 14:55	FO
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.500	1	EPA 8260C	09/27/2024 02:00	09/27/2024 14:55	FO
142-28-9	1,3-Dichloropropane	ND		ug/L	0.500	1	EPA 8260C	09/27/2024 02:00	09/27/2024 14:55	FO
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.500	1	EPA 8260C	09/27/2024 02:00	09/27/2024 14:55	FO
594-20-7	2,2-Dichloropropane	ND		ug/L	0.500	1	EPA 8260C	09/27/2024 02:00	09/27/2024 14:55	FO
78-93-3	2-Butanone	ND		ug/L	0.500	1	EPA 8260C	09/27/2024 02:00	09/27/2024 14:55	FO
95-49-8	2-Chlorotoluene	ND		ug/L	0.500	1	EPA 8260C	09/27/2024 02:00	09/27/2024 14:55	FO
591-78-6	2-Hexanone	ND		ug/L	0.500	1	EPA 8260C	09/27/2024 02:00	09/27/2024 14:55	FO
106-43-4	4-Chlorotoluene	ND		ug/L	0.500	1	EPA 8260C	09/27/2024 02:00	09/27/2024 14:55	FO
108-10-1	4-Methyl-2-pentanone	ND		ug/L	0.500	1	EPA 8260C	09/27/2024 02:00	09/27/2024 14:55	FO
67-64-1	Acetone	ND		ug/L	2.00	1	EPA 8260C	09/27/2024 02:00	09/27/2024 14:55	FO
107-13-1	Acrylonitrile	ND		ug/L	0.500	1	EPA 8260C	09/27/2024 02:00	09/27/2024 14:55	FO
71-43-2	Benzene	ND		ug/L	0.500	1	EPA 8260C	09/27/2024 02:00	09/27/2024 14:55	FO
108-86-1	Bromobenzene	ND		ug/L	0.500	1	EPA 8260C	09/27/2024 02:00	09/27/2024 14:55	FO
74-97-5	Bromochloromethane	ND		ug/L	0.500	1	EPA 8260C	09/27/2024 02:00	09/27/2024 14:55	FO
75-27-4	Bromodichloromethane	ND		ug/L	0.500	1	EPA 8260C	09/27/2024 02:00	09/27/2024 14:55	FO
75-25-2	Bromoform	ND		ug/L	0.500	1	EPA 8260C	09/27/2024 02:00	09/27/2024 14:55	FO
74-83-9	Bromomethane	ND		ug/L	0.500	1	EPA 8260C	09/27/2024 02:00	09/27/2024 14:55	FO
75-15-0	Carbon disulfide	ND		ug/L	0.500	1	EPA 8260C	09/27/2024 02:00	09/27/2024 14:55	FO
56-23-5	Carbon tetrachloride	ND		ug/L	0.500	1	EPA 8260C	09/27/2024 02:00	09/27/2024 14:55	FO
108-90-7	Chlorobenzene	ND		ug/L	0.500	1	EPA 8260C	09/27/2024 02:00	09/27/2024 14:55	FO
75-00-3	Chloroethane	ND		ug/L	0.500	1	EPA 8260C	09/27/2024 02:00	09/27/2024 14:55	FO
67-66-3	Chloroform	ND		ug/L	0.500	1	EPA 8260C	09/27/2024 02:00	09/27/2024 14:55	FO
74-87-3	Chloromethane	ND		ug/L	0.500	1	EPA 8260C	09/27/2024 02:00	09/27/2024 14:55	FO
156-59-2	cis-1,2-Dichloroethylene	ND		ug/L	0.500	1	EPA 8260C	09/27/2024 02:00	09/27/2024 14:55	FO
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.500	1	EPA 8260C	09/27/2024 02:00	09/27/2024 14:55	FO
124-48-1	Dibromochloromethane	ND		ug/L	0.500	1	EPA 8260C	09/27/2024 02:00	09/27/2024 14:55	FO
74-95-3	Dibromomethane	ND		ug/L	0.500	1	EPA 8260C	09/27/2024 02:00	09/27/2024 14:55	FO
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.500	1	EPA 8260C	09/27/2024 02:00	09/27/2024 14:55	FO
100-41-4	Ethyl Benzene	ND		ug/L	0.500	1	EPA 8260C	09/27/2024 02:00	09/27/2024 14:55	FO
87-68-3	Hexachlorobutadiene	ND		ug/L	0.500	1	EPA 8260C	09/27/2024 02:00	09/27/2024 14:55	FO
98-82-8	Isopropylbenzene	ND		ug/L	0.500	1	EPA 8260C	09/27/2024 02:00	09/27/2024 14:55	FO

Sample Information

Client Sample ID: MW-3 **York Sample ID:** 24I1423 03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24I1423	TE23-007 Region 18	Ground Water	September 21, 2024 9:05 am	09/24/2024

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	09/27/2024 02:00	09/27/2024 14:55	FO
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.500	1	EPA 8260C	09/27/2024 02:00	09/27/2024 14:55	FO
75 09 2	Methylene chloride	ND		ug/L	2 00	1	EPA 8260C	09/27/2024 02:00	09/27/2024 14:55	FO
91-20-3	Naphthalene	ND		ug/L	2.00	1	EPA 8260C	09/27/2024 02:00	09/27/2024 14:55	FO
104-51-8	n-Butylbenzene	ND		ug/L	0.500	1	EPA 8260C	09/27/2024 02:00	09/27/2024 14:55	FO
103-65-1	n-Propylbenzene	ND		ug/L	0.500	1	EPA 8260C	09/27/2024 02:00	09/27/2024 14:55	FO
95-47-6	o-Xylene	ND		ug/L	0.500	1	EPA 8260C	09/27/2024 02:00	09/27/2024 14:55	FO
179601-23-1	p- & m- Xylenes	ND		ug/L	1.00	1	EPA 8260C	09/27/2024 02:00	09/27/2024 14:55	FO
99-87-6	p-Isopropyltoluene	ND		ug/L	0.500	1	EPA 8260C	09/27/2024 02:00	09/27/2024 14:55	FO
135-98-8	sec-Butylbenzene	ND		ug/L	0.500	1	EPA 8260C	09/27/2024 02:00	09/27/2024 14:55	FO
100-42-5	Styrene	ND		ug/L	0.500	1	EPA 8260C	09/27/2024 02:00	09/27/2024 14:55	FO
98-06-6	tert-Butylbenzene	ND		ug/L	0.500	1	EPA 8260C	09/27/2024 02:00	09/27/2024 14:55	FO
127-18-4	Tetrachloroethylene	ND	CCVE, ICVE, QL-02	ug/L	0.500	1	EPA 8260C	09/27/2024 02:00	09/27/2024 14:55	FO
109-99-9	Tetrahydrofuran	ND	QL-02	ug/L	4.00	1	EPA 8260C	09/27/2024 02:00	09/27/2024 14:55	FO
108-88-3	Toluene	ND		ug/L	0.500	1	EPA 8260C	09/27/2024 02:00	09/27/2024 14:55	FO
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.500	1	EPA 8260C	09/27/2024 02:00	09/27/2024 14:55	FO
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.500	1	EPA 8260C	09/27/2024 02:00	09/27/2024 14:55	FO
110-57-6	trans-1,4-dichloro-2-butene	ND		ug/L	0.500	1	EPA 8260C	09/27/2024 02:00	09/27/2024 14:55	FO
79-01-6	Trichloroethylene	ND		ug/L	0.500	1	EPA 8260C	09/27/2024 02:00	09/27/2024 14:55	FO
75-69-4	Trichlorofluoromethane	ND		ug/L	0.500	1	EPA 8260C	09/27/2024 02:00	09/27/2024 14:55	FO
75-01-4	Vinyl Chloride	ND		ug/L	0.500	1	EPA 8260C	09/27/2024 02:00	09/27/2024 14:55	FO

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: SURR: 1,2-Dichloroethane-d4*	*108 %*	*70-130*
2037-26-5	*Surrogate: SURR: Toluene-d8*	*103 %*	*70-130*
460-00-4	*Surrogate: SURR: p-Bromofluorobenzene*	*101 %*	*70-130*

Sample Information

Client Sample ID: MW-3 **York Sample ID:** 24I1423-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24I1423	TE23-007 Region 18	Ground Water	September 21, 2024 9:05 am	09/24/2024

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	09/26/2024 09:31	09/27/2024 16:54	LL

	Surrogate Recoveries	Result	Acceptance Range
4165-60-0	*Surrogate: SURR: Nitrobenzene-d5*	*46.1 %*	*30-130*
321-60-8	*Surrogate: SURR: 2-Fluorobiphenyl*	*35.1 %*	*30-130*
1718-51-0	*Surrogate: SURR: Terphenyl-d14*	*34.0 %*	*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		ug/L	0.0500	1	EPA 8270D SIM	09/26/2024 09:31	09/30/2024 11:06	SS
208-96-8	Acenaphthylene	ND		ug/L	0.0500	1	EPA 8270D SIM	09/26/2024 09:31	09/30/2024 11:06	SS
120-12-7	Anthracene	ND		ug/L	0.0500	1	EPA 8270D SIM	09/26/2024 09:31	09/30/2024 11:06	SS
56-55-3	Benzo(a)anthracene	ND		ug/L	0.0500	1	EPA 8270D SIM	09/26/2024 09:31	09/30/2024 11:06	SS
50-32-8	Benzo(a)pyrene	ND		ug/L	0.0500	1	EPA 8270D SIM	09/26/2024 09:31	09/30/2024 11:06	SS
205-99-2	Benzo(b)fluoranthene	ND		ug/L	0.0500	1	EPA 8270D SIM	09/26/2024 09:31	09/30/2024 11:06	SS
191-24-2	Benzo(g,h,i)perylene	ND		ug/L	0.0500	1	EPA 8270D SIM	09/26/2024 09:31	09/30/2024 11:06	SS
207-08-9	Benzo(k)fluoranthene	ND		ug/L	0.0500	1	EPA 8270D SIM	09/26/2024 09:31	09/30/2024 11:06	SS
218-01-9	Chrysene	ND		ug/L	0.0500	1	EPA 8270D SIM	09/26/2024 09:31	09/30/2024 11:06	SS
53-70-3	Dibenzo(a,h)anthracene	ND		ug/L	0.0500	1	EPA 8270D SIM	09/26/2024 09:31	09/30/2024 11:06	SS
206-44-0	Fluoranthene	ND		ug/L	0.0500	1	EPA 8270D SIM	09/26/2024 09:31	09/30/2024 11:06	SS
86-73-7	Fluorene	ND		ug/L	0.0500	1	EPA 8270D SIM	09/26/2024 09:31	09/30/2024 11:06	SS
193-39-5	Indeno(1,2,3-cd)pyrene	ND		ug/L	0.0500	1	EPA 8270D SIM	09/26/2024 09:31	09/30/2024 11:06	SS
91-20-3	Naphthalene	ND		ug/L	0.0500	1	EPA 8270D SIM	09/26/2024 09:31	09/30/2024 11:06	SS
85-01-8	Phenanthrene	ND		ug/L	0.0500	1	EPA 8270D SIM	09/26/2024 09:31	09/30/2024 11:06	SS
129-00-0	Pyrene	ND		ug/L	0.0500	1	EPA 8270D SIM	09/26/2024 09:31	09/30/2024 11:06	SS

Extractable Total Petroleum Hydrocarbons (ETPH)

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

Sample Prepared by Method: EPA SW846-3510C Low Level

CAS No.	Parameter	Result	Flag	Units	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
CT ETPH	**ETPH (Extractable Total Petroleum Hydrocarbons)**	**0.343**		mg/L	0.150	1	CT DEP ETPH	09/27/2024 08:34	09/28/2024 03:13	GXB

	Surrogate Recoveries	Result	Acceptance Range
3386-33-2	*Surrogate: 1-Chlorooctadecane*	*61.1 %*	*30-140*

Sample Information

Client Sample ID: MW-4 **York Sample ID:** 24I1423 04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24I1423	TE23-007 Region 18	Ground Water	September 21, 2024 9:50 am	09/24/2024

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	09/27/2024 02:00	09/27/2024 15:22	FO
71-55-6	1,1,1-Trichloroethane	ND		ug/L	0.500	1	EPA 8260C	09/27/2024 02:00	09/27/2024 15:22	FO
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.500	1	EPA 8260C	09/27/2024 02:00	09/27/2024 15:22	FO
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/L	0.500	1	EPA 8260C	09/27/2024 02:00	09/27/2024 15:22	FO
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.500	1	EPA 8260C	09/27/2024 02:00	09/27/2024 15:22	FO
75-34-3	1,1-Dichloroethane	ND		ug/L	0.500	1	EPA 8260C	09/27/2024 02:00	09/27/2024 15:22	FO
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.500	1	EPA 8260C	09/27/2024 02:00	09/27/2024 15:22	FO
563-58-6	1,1-Dichloropropylene	ND		ug/L	0.500	1	EPA 8260C	09/27/2024 02:00	09/27/2024 15:22	FO
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	0.500	1	EPA 8260C	09/27/2024 02:00	09/27/2024 15:22	FO
96-18-4	1,2,3-Trichloropropane	ND		ug/L	0.500	1	EPA 8260C	09/27/2024 02:00	09/27/2024 15:22	FO
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.500	1	EPA 8260C	09/27/2024 02:00	09/27/2024 15:22	FO
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	0.500	1	EPA 8260C	09/27/2024 02:00	09/27/2024 15:22	FO
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.500	1	EPA 8260C	09/27/2024 02:00	09/27/2024 15:22	FO
106-93-4	1,2-Dibromoethane	ND		ug/L	0.500	1	EPA 8260C	09/27/2024 02:00	09/27/2024 15:22	FO
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.500	1	EPA 8260C	09/27/2024 02:00	09/27/2024 15:22	FO
107-06-2	1,2-Dichloroethane	ND		ug/L	0.500	1	EPA 8260C	09/27/2024 02:00	09/27/2024 15:22	FO
78-87-5	1,2-Dichloropropane	ND		ug/L	0.500	1	EPA 8260C	09/27/2024 02:00	09/27/2024 15:22	FO
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	0.500	1	EPA 8260C	09/27/2024 02:00	09/27/2024 15:22	FO
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.500	1	EPA 8260C	09/27/2024 02:00	09/27/2024 15:22	FO
142-28-9	1,3-Dichloropropane	ND		ug/L	0.500	1	EPA 8260C	09/27/2024 02:00	09/27/2024 15:22	FO
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.500	1	EPA 8260C	09/27/2024 02:00	09/27/2024 15:22	FO
594-20-7	2,2-Dichloropropane	ND		ug/L	0.500	1	EPA 8260C	09/27/2024 02:00	09/27/2024 15:22	FO
78-93-3	2-Butanone	ND		ug/L	0.500	1	EPA 8260C	09/27/2024 02:00	09/27/2024 15:22	FO
95-49-8	2-Chlorotoluene	ND		ug/L	0.500	1	EPA 8260C	09/27/2024 02:00	09/27/2024 15:22	FO
591-78-6	2-Hexanone	ND		ug/L	0.500	1	EPA 8260C	09/27/2024 02:00	09/27/2024 15:22	FO
106-43-4	4-Chlorotoluene	ND		ug/L	0.500	1	EPA 8260C	09/27/2024 02:00	09/27/2024 15:22	FO
108-10-1	4-Methyl-2-pentanone	ND		ug/L	0.500	1	EPA 8260C	09/27/2024 02:00	09/27/2024 15:22	FO
67-64-1	Acetone	ND		ug/L	2.00	1	EPA 8260C	09/27/2024 02:00	09/27/2024 15:22	FO
107-13-1	Acrylonitrile	ND		ug/L	0.500	1	EPA 8260C	09/27/2024 02:00	09/27/2024 15:22	FO
71-43-2	Benzene	ND		ug/L	0.500	1	EPA 8260C	09/27/2024 02:00	09/27/2024 15:22	FO
108-86-1	Bromobenzene	ND		ug/L	0.500	1	EPA 8260C	09/27/2024 02:00	09/27/2024 15:22	FO
74-97-5	Bromochloromethane	ND		ug/L	0.500	1	EPA 8260C	09/27/2024 02:00	09/27/2024 15:22	FO
75-27-4	Bromodichloromethane	ND		ug/L	0.500	1	EPA 8260C	09/27/2024 02:00	09/27/2024 15:22	FO
75-25-2	Bromoform	ND		ug/L	0.500	1	EPA 8260C	09/27/2024 02:00	09/27/2024 15:22	FO
74-83-9	Bromomethane	ND		ug/L	0.500	1	EPA 8260C	09/27/2024 02:00	09/27/2024 15:22	FO
75-15-0	Carbon disulfide	ND		ug/L	0.500	1	EPA 8260C	09/27/2024 02:00	09/27/2024 15:22	FO
56-23-5	Carbon tetrachloride	ND		ug/L	0.500	1	EPA 8260C	09/27/2024 02:00	09/27/2024 15:22	FO

Sample Information

Client Sample ID: MW-4 **York Sample ID:** 24I1423 04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24I1423	TE23-007 Region 18	Ground Water	September 21, 2024 9:50 am	09/24/2024

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
108 90 7	Chlorobenzene	ND		ug/L	0 500	1	EPA 8260C	09/27/2024 02:00	09/27/2024 15:22	FO
75-00-3	Chloroethane	ND		ug/L	0.500	1	EPA 8260C	09/27/2024 02:00	09/27/2024 15:22	FO
67 66 3	Chloroform	ND		ug/L	0 500	1	EPA 8260C	09/27/2024 02:00	09/27/2024 15:22	FO
74-87-3	Chloromethane	ND		ug/L	0.500	1	EPA 8260C	09/27/2024 02:00	09/27/2024 15:22	FO
156-59-2	cis-1,2-Dichloroethylene	ND		ug/L	0.500	1	EPA 8260C	09/27/2024 02:00	09/27/2024 15:22	FO
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.500	1	EPA 8260C	09/27/2024 02:00	09/27/2024 15:22	FO
124-48-1	Dibromochloromethane	ND		ug/L	0.500	1	EPA 8260C	09/27/2024 02:00	09/27/2024 15:22	FO
74-95-3	Dibromomethane	ND		ug/L	0.500	1	EPA 8260C	09/27/2024 02:00	09/27/2024 15:22	FO
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.500	1	EPA 8260C	09/27/2024 02:00	09/27/2024 15:22	FO
100-41-4	Ethyl Benzene	ND		ug/L	0.500	1	EPA 8260C	09/27/2024 02:00	09/27/2024 15:22	FO
87-68-3	Hexachlorobutadiene	ND		ug/L	0.500	1	EPA 8260C	09/27/2024 02:00	09/27/2024 15:22	FO
98-82-8	Isopropylbenzene	ND		ug/L	0.500	1	EPA 8260C	09/27/2024 02:00	09/27/2024 15:22	FO
80-62-6	Methyl Methacrylate	ND		ug/L	0.500	1	EPA 8260C	09/27/2024 02:00	09/27/2024 15:22	FO
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.500	1	EPA 8260C	09/27/2024 02:00	09/27/2024 15:22	FO
75-09-2	Methylene chloride	ND		ug/L	2.00	1	EPA 8260C	09/27/2024 02:00	09/27/2024 15:22	FO
91-20-3	Naphthalene	ND		ug/L	2.00	1	EPA 8260C	09/27/2024 02:00	09/27/2024 15:22	FO
104-51-8	n-Butylbenzene	ND		ug/L	0.500	1	EPA 8260C	09/27/2024 02:00	09/27/2024 15:22	FO
103-65-1	n-Propylbenzene	ND		ug/L	0.500	1	EPA 8260C	09/27/2024 02:00	09/27/2024 15:22	FO
95-47-6	o-Xylene	ND		ug/L	0.500	1	EPA 8260C	09/27/2024 02:00	09/27/2024 15:22	FO
179601-23-1	p- & m- Xylenes	ND		ug/L	1.00	1	EPA 8260C	09/27/2024 02:00	09/27/2024 15:22	FO
99-87-6	p-Isopropyltoluene	ND		ug/L	0.500	1	EPA 8260C	09/27/2024 02:00	09/27/2024 15:22	FO
135-98-8	sec-Butylbenzene	ND		ug/L	0.500	1	EPA 8260C	09/27/2024 02:00	09/27/2024 15:22	FO
100-42-5	Styrene	ND		ug/L	0.500	1	EPA 8260C	09/27/2024 02:00	09/27/2024 15:22	FO
98-06-6	tert-Butylbenzene	ND		ug/L	0.500	1	EPA 8260C	09/27/2024 02:00	09/27/2024 15:22	FO
127-18-4	Tetrachloroethylene	ND	CCVE, ICVE, QL-02	ug/L	0.500	1	EPA 8260C	09/27/2024 02:00	09/27/2024 15:22	FO
109-99-9	Tetrahydrofuran	ND	QL-02	ug/L	4.00	1	EPA 8260C	09/27/2024 02:00	09/27/2024 15:22	FO
108-88-3	Toluene	ND		ug/L	0.500	1	EPA 8260C	09/27/2024 02:00	09/27/2024 15:22	FO
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.500	1	EPA 8260C	09/27/2024 02:00	09/27/2024 15:22	FO
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.500	1	EPA 8260C	09/27/2024 02:00	09/27/2024 15:22	FO
110-57-6	trans-1,4-dichloro-2-butene	ND		ug/L	0.500	1	EPA 8260C	09/27/2024 02:00	09/27/2024 15:22	FO
79-01-6	Trichloroethylene	ND		ug/L	0.500	1	EPA 8260C	09/27/2024 02:00	09/27/2024 15:22	FO
75-69-4	Trichlorofluoromethane	ND		ug/L	0.500	1	EPA 8260C	09/27/2024 02:00	09/27/2024 15:22	FO
75-01-4	Vinyl Chloride	ND		ug/L	0.500	1	EPA 8260C	09/27/2024 02:00	09/27/2024 15:22	FO

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: SURR: 1,2-Dichloroethane-d4*	*106 %*	*70-130*
2037-26-5	*Surrogate: SURR: Toluene-d8*	*103 %*	*70-130*
460-00-4	*Surrogate: SURR: p-Bromofluorobenzene*	*104 %*	*70-130*

Sample Information

Client Sample ID: MW-4 **York Sample ID:** 24I1423-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24I1423	TE23-007 Region 18	Ground Water	September 21, 2024 9:50 am	09/24/2024

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	HT-PR	ug/L	5.00	1	EPA 8270D	09/30/2024 11:57	10/01/2024 12:49	LL

	Surrogate Recoveries	Result		Acceptance Range
4165-60-0	*Surrogate: SURR: Nitrobenzene-d5*	*66.2 %*	HT-PR	*30-130*
321-60-8	*Surrogate: SURR: 2-Fluorobiphenyl*	*51.9 %*	HT-PR	*30-130*
1718-51-0	*Surrogate: SURR: Terphenyl-d14*	*57.4 %*	HT-PR	*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	HT-PR	ug/L	0.0500	1	EPA 8270D SIM	09/30/2024 11:57	10/02/2024 11:54	SS
208-96-8	Acenaphthylene	ND	HT-PR	ug/L	0.0500	1	EPA 8270D SIM	09/30/2024 11:57	10/02/2024 11:54	SS
120-12-7	Anthracene	ND	HT-PR	ug/L	0.0500	1	EPA 8270D SIM	09/30/2024 11:57	10/02/2024 11:54	SS
56-55-3	Benzo(a)anthracene	ND	HT-PR	ug/L	0.0500	1	EPA 8270D SIM	09/30/2024 11:57	10/02/2024 11:54	SS
50-32-8	Benzo(a)pyrene	ND	HT-PR	ug/L	0.0500	1	EPA 8270D SIM	09/30/2024 11:57	10/02/2024 11:54	SS
205-99-2	Benzo(b)fluoranthene	ND	HT-PR	ug/L	0.0500	1	EPA 8270D SIM	09/30/2024 11:57	10/02/2024 11:54	SS
191-24-2	Benzo(g,h,i)perylene	ND	HT-PR	ug/L	0.0500	1	EPA 8270D SIM	09/30/2024 11:57	10/02/2024 11:54	SS
207-08-9	Benzo(k)fluoranthene	ND	HT-PR	ug/L	0.0500	1	EPA 8270D SIM	09/30/2024 11:57	10/02/2024 11:54	SS
218-01-9	Chrysene	ND	HT-PR	ug/L	0.0500	1	EPA 8270D SIM	09/30/2024 11:57	10/02/2024 11:54	SS
53-70-3	Dibenzo(a,h)anthracene	ND	HT-PR	ug/L	0.0500	1	EPA 8270D SIM	09/30/2024 11:57	10/02/2024 11:54	SS
206-44-0	Fluoranthene	ND	HT-PR	ug/L	0.0500	1	EPA 8270D SIM	09/30/2024 11:57	10/02/2024 11:54	SS
86-73-7	Fluorene	ND	HT-PR	ug/L	0.0500	1	EPA 8270D SIM	09/30/2024 11:57	10/02/2024 11:54	SS
193-39-5	Indeno(1,2,3-cd)pyrene	ND	HT-PR	ug/L	0.0500	1	EPA 8270D SIM	09/30/2024 11:57	10/02/2024 11:54	SS
91-20-3	Naphthalene	ND	HT-PR	ug/L	0.0500	1	EPA 8270D SIM	09/30/2024 11:57	10/02/2024 11:54	SS
85-01-8	Phenanthrene	ND	HT-PR	ug/L	0.0500	1	EPA 8270D SIM	09/30/2024 11:57	10/02/2024 11:54	SS
129-00-0	Pyrene	ND	HT-PR	ug/L	0.0500	1	EPA 8270D SIM	09/30/2024 11:57	10/02/2024 11:54	SS

Extractable Total Petroleum Hydrocarbons (ETPH)

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

Sample Prepared by Method: EPA SW846-3510C Low Level

CAS No.	Parameter	Result	Flag	Units	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
CT ETPH	**ETPH (Extractable Total Petroleum Hydrocarbons)**	**0.156**		mg/L	0.150	1	CT DEP ETPH	09/26/2024 08:21	09/26/2024 14:51	GXB

	Surrogate Recoveries	Result		Acceptance Range
3386-33-2	*Surrogate: 1-Chlorooctadecane*	*40.5 %*		*30-140*

Sample Information

Client Sample ID: MW-5 **York Sample ID:** 24I1423 05

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24I1423	TE23-007 Region 18	Ground Water	September 21, 2024 10:45 am	09/24/2024

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	09/27/2024 02:00	09/27/2024 17:34	FO
71-55-6	1,1,1-Trichloroethane	ND		ug/L	0.500	1	EPA 8260C	09/27/2024 02:00	09/27/2024 17:34	FO
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.500	1	EPA 8260C	09/27/2024 02:00	09/27/2024 17:34	FO
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/L	0.500	1	EPA 8260C	09/27/2024 02:00	09/27/2024 17:34	FO
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.500	1	EPA 8260C	09/27/2024 02:00	09/27/2024 17:34	FO
75-34-3	1,1-Dichloroethane	ND		ug/L	0.500	1	EPA 8260C	09/27/2024 02:00	09/27/2024 17:34	FO
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.500	1	EPA 8260C	09/27/2024 02:00	09/27/2024 17:34	FO
563-58-6	1,1-Dichloropropylene	ND		ug/L	0.500	1	EPA 8260C	09/27/2024 02:00	09/27/2024 17:34	FO
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	0.500	1	EPA 8260C	09/27/2024 02:00	09/27/2024 17:34	FO
96-18-4	1,2,3-Trichloropropane	ND		ug/L	0.500	1	EPA 8260C	09/27/2024 02:00	09/27/2024 17:34	FO
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.500	1	EPA 8260C	09/27/2024 02:00	09/27/2024 17:34	FO
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	0.500	1	EPA 8260C	09/27/2024 02:00	09/27/2024 17:34	FO
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.500	1	EPA 8260C	09/27/2024 02:00	09/27/2024 17:34	FO
106-93-4	1,2-Dibromoethane	ND		ug/L	0.500	1	EPA 8260C	09/27/2024 02:00	09/27/2024 17:34	FO
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.500	1	EPA 8260C	09/27/2024 02:00	09/27/2024 17:34	FO
107-06-2	1,2-Dichloroethane	ND		ug/L	0.500	1	EPA 8260C	09/27/2024 02:00	09/27/2024 17:34	FO
78-87-5	1,2-Dichloropropane	ND		ug/L	0.500	1	EPA 8260C	09/27/2024 02:00	09/27/2024 17:34	FO
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	0.500	1	EPA 8260C	09/27/2024 02:00	09/27/2024 17:34	FO
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.500	1	EPA 8260C	09/27/2024 02:00	09/27/2024 17:34	FO
142-28-9	1,3-Dichloropropane	ND		ug/L	0.500	1	EPA 8260C	09/27/2024 02:00	09/27/2024 17:34	FO
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.500	1	EPA 8260C	09/27/2024 02:00	09/27/2024 17:34	FO
594-20-7	2,2-Dichloropropane	ND		ug/L	0.500	1	EPA 8260C	09/27/2024 02:00	09/27/2024 17:34	FO
78-93-3	2-Butanone	ND		ug/L	0.500	1	EPA 8260C	09/27/2024 02:00	09/27/2024 17:34	FO
95-49-8	2-Chlorotoluene	ND		ug/L	0.500	1	EPA 8260C	09/27/2024 02:00	09/27/2024 17:34	FO
591-78-6	2-Hexanone	ND		ug/L	0.500	1	EPA 8260C	09/27/2024 02:00	09/27/2024 17:34	FO
106-43-4	4-Chlorotoluene	ND		ug/L	0.500	1	EPA 8260C	09/27/2024 02:00	09/27/2024 17:34	FO
108-10-1	4-Methyl-2-pentanone	ND		ug/L	0.500	1	EPA 8260C	09/27/2024 02:00	09/27/2024 17:34	FO
67-64-1	Acetone	ND		ug/L	2.00	1	EPA 8260C	09/27/2024 02:00	09/27/2024 17:34	FO
107-13-1	Acrylonitrile	ND		ug/L	0.500	1	EPA 8260C	09/27/2024 02:00	09/27/2024 17:34	FO
71-43-2	Benzene	ND		ug/L	0.500	1	EPA 8260C	09/27/2024 02:00	09/27/2024 17:34	FO
108-86-1	Bromobenzene	ND		ug/L	0.500	1	EPA 8260C	09/27/2024 02:00	09/27/2024 17:34	FO
74-97-5	Bromochloromethane	ND		ug/L	0.500	1	EPA 8260C	09/27/2024 02:00	09/27/2024 17:34	FO
75-27-4	Bromodichloromethane	ND		ug/L	0.500	1	EPA 8260C	09/27/2024 02:00	09/27/2024 17:34	FO
75-25-2	Bromoform	ND		ug/L	0.500	1	EPA 8260C	09/27/2024 02:00	09/27/2024 17:34	FO
74-83-9	Bromomethane	ND		ug/L	0.500	1	EPA 8260C	09/27/2024 02:00	09/27/2024 17:34	FO
75-15-0	Carbon disulfide	ND		ug/L	0.500	1	EPA 8260C	09/27/2024 02:00	09/27/2024 17:34	FO
56-23-5	Carbon tetrachloride	ND		ug/L	0.500	1	EPA 8260C	09/27/2024 02:00	09/27/2024 17:34	FO

Sample Information

Client Sample ID: MW-5 **York Sample ID:** 24I1423 05

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24I1423	TE23-007 Region 18	Ground Water	September 21, 2024 10:45 am	09/24/2024

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
108 90 7	Chlorobenzene	ND		ug/L	0 500	1	EPA 8260C	09/27/2024 02:00	09/27/2024 17:34	FO
75-00-3	Chloroethane	ND		ug/L	0.500	1	EPA 8260C	09/27/2024 02:00	09/27/2024 17:34	FO
67 66 3	Chloroform	ND		ug/L	0 500	1	EPA 8260C	09/27/2024 02:00	09/27/2024 17:34	FO
74-87-3	Chloromethane	ND		ug/L	0.500	1	EPA 8260C	09/27/2024 02:00	09/27/2024 17:34	FO
156-59-2	cis-1,2-Dichloroethylene	ND		ug/L	0.500	1	EPA 8260C	09/27/2024 02:00	09/27/2024 17:34	FO
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.500	1	EPA 8260C	09/27/2024 02:00	09/27/2024 17:34	FO
124-48-1	Dibromochloromethane	ND		ug/L	0.500	1	EPA 8260C	09/27/2024 02:00	09/27/2024 17:34	FO
74-95-3	Dibromomethane	ND		ug/L	0.500	1	EPA 8260C	09/27/2024 02:00	09/27/2024 17:34	FO
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.500	1	EPA 8260C	09/27/2024 02:00	09/27/2024 17:34	FO
100-41-4	Ethyl Benzene	ND		ug/L	0.500	1	EPA 8260C	09/27/2024 02:00	09/27/2024 17:34	FO
87-68-3	Hexachlorobutadiene	ND		ug/L	0.500	1	EPA 8260C	09/27/2024 02:00	09/27/2024 17:34	FO
98-82-8	Isopropylbenzene	ND		ug/L	0.500	1	EPA 8260C	09/27/2024 02:00	09/27/2024 17:34	FO
80-62-6	Methyl Methacrylate	ND		ug/L	0.500	1	EPA 8260C	09/27/2024 02:00	09/27/2024 17:34	FO
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.500	1	EPA 8260C	09/27/2024 02:00	09/27/2024 17:34	FO
75-09-2	Methylene chloride	ND		ug/L	2.00	1	EPA 8260C	09/27/2024 02:00	09/27/2024 17:34	FO
91-20-3	Naphthalene	ND		ug/L	2.00	1	EPA 8260C	09/27/2024 02:00	09/27/2024 17:34	FO
104-51-8	n-Butylbenzene	ND		ug/L	0.500	1	EPA 8260C	09/27/2024 02:00	09/27/2024 17:34	FO
103-65-1	n-Propylbenzene	ND		ug/L	0.500	1	EPA 8260C	09/27/2024 02:00	09/27/2024 17:34	FO
95-47-6	o-Xylene	ND		ug/L	0.500	1	EPA 8260C	09/27/2024 02:00	09/27/2024 17:34	FO
179601-23-1	p- & m- Xylenes	ND		ug/L	1.00	1	EPA 8260C	09/27/2024 02:00	09/27/2024 17:34	FO
99-87-6	p-Isopropyltoluene	ND		ug/L	0.500	1	EPA 8260C	09/27/2024 02:00	09/27/2024 17:34	FO
135-98-8	sec-Butylbenzene	ND		ug/L	0.500	1	EPA 8260C	09/27/2024 02:00	09/27/2024 17:34	FO
100-42-5	Styrene	ND		ug/L	0.500	1	EPA 8260C	09/27/2024 02:00	09/27/2024 17:34	FO
98-06-6	tert-Butylbenzene	ND		ug/L	0.500	1	EPA 8260C	09/27/2024 02:00	09/27/2024 17:34	FO
127-18-4	Tetrachloroethylene	ND	CCVE, ICVE, QL-02	ug/L	0.500	1	EPA 8260C	09/27/2024 02:00	09/27/2024 17:34	FO
109-99-9	Tetrahydrofuran	ND	QL-02	ug/L	4.00	1	EPA 8260C	09/27/2024 02:00	09/27/2024 17:34	FO
108-88-3	Toluene	ND		ug/L	0.500	1	EPA 8260C	09/27/2024 02:00	09/27/2024 17:34	FO
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.500	1	EPA 8260C	09/27/2024 02:00	09/27/2024 17:34	FO
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.500	1	EPA 8260C	09/27/2024 02:00	09/27/2024 17:34	FO
110-57-6	trans-1,4-dichloro-2-butene	ND		ug/L	0.500	1	EPA 8260C	09/27/2024 02:00	09/27/2024 17:34	FO
79-01-6	Trichloroethylene	ND		ug/L	0.500	1	EPA 8260C	09/27/2024 02:00	09/27/2024 17:34	FO
75-69-4	Trichlorofluoromethane	ND		ug/L	0.500	1	EPA 8260C	09/27/2024 02:00	09/27/2024 17:34	FO
75-01-4	Vinyl Chloride	ND		ug/L	0.500	1	EPA 8260C	09/27/2024 02:00	09/27/2024 17:34	FO

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: SURR: 1,2-Dichloroethane-d4*	*102 %*	*70-130*
2037-26-5	*Surrogate: SURR: Toluene-d8*	*103 %*	*70-130*
460-00-4	*Surrogate: SURR: p-Bromofluorobenzene*	*98.5 %*	*70-130*

Sample Information

Client Sample ID: MW-5 **York Sample ID:** 24I1423-05

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24I1423	TE23-007 Region 18	Ground Water	September 21, 2024 10:45 am	09/24/2024

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	09/26/2024 09:31	09/27/2024 12:13	LL

	Surrogate Recoveries	Result	Acceptance Range
4165-60-0	*Surrogate: SURR: Nitrobenzene-d5*	*61.7 %*	*30-130*
321-60-8	*Surrogate: SURR: 2-Fluorobiphenyl*	*44.1 %*	*30-130*
1718-51-0	*Surrogate: SURR: Terphenyl-d14*	*40.4 %*	*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	09/26/2024 09:31	09/30/2024 12:04	SS
208-96-8	Acenaphthylene	ND		ug/L	0.0500	1	EPA 8270D SIM	09/26/2024 09:31	09/30/2024 12:04	SS
120-12-7	Anthracene	ND		ug/L	0.0500	1	EPA 8270D SIM	09/26/2024 09:31	09/30/2024 12:04	SS
56-55-3	Benzo(a)anthracene	ND		ug/L	0.0500	1	EPA 8270D SIM	09/26/2024 09:31	09/30/2024 12:04	SS
50-32-8	Benzo(a)pyrene	ND		ug/L	0.0500	1	EPA 8270D SIM	09/26/2024 09:31	09/30/2024 12:04	SS
205-99-2	Benzo(b)fluoranthene	ND		ug/L	0.0500	1	EPA 8270D SIM	09/26/2024 09:31	09/30/2024 12:04	SS
191-24-2	Benzo(g,h,i)perylene	ND		ug/L	0.0500	1	EPA 8270D SIM	09/26/2024 09:31	09/30/2024 12:04	SS
207-08-9	Benzo(k)fluoranthene	ND		ug/L	0.0500	1	EPA 8270D SIM	09/26/2024 09:31	09/30/2024 12:04	SS
218-01-9	Chrysene	ND		ug/L	0.0500	1	EPA 8270D SIM	09/26/2024 09:31	09/30/2024 12:04	SS
53-70-3	Dibenzo(a,h)anthracene	ND		ug/L	0.0500	1	EPA 8270D SIM	09/26/2024 09:31	09/30/2024 12:04	SS
206-44-0	Fluoranthene	ND		ug/L	0.0500	1	EPA 8270D SIM	09/26/2024 09:31	09/30/2024 12:04	SS
86-73-7	Fluorene	ND		ug/L	0.0500	1	EPA 8270D SIM	09/26/2024 09:31	09/30/2024 12:04	SS
193-39-5	Indeno(1,2,3-cd)pyrene	ND		ug/L	0.0500	1	EPA 8270D SIM	09/26/2024 09:31	09/30/2024 12:04	SS
91-20-3	Naphthalene	ND		ug/L	0.0500	1	EPA 8270D SIM	09/26/2024 09:31	09/30/2024 12:04	SS
85-01-8	Phenanthrene	ND		ug/L	0.0500	1	EPA 8270D SIM	09/26/2024 09:31	09/30/2024 12:04	SS
129-00-0	Pyrene	ND		ug/L	0.0500	1	EPA 8270D SIM	09/26/2024 09:31	09/30/2024 12:04	SS

Extractable Total Petroleum Hydrocarbons (ETPH)

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

Sample Prepared by Method: EPA SW846-3510C Low Level

CAS No.	Parameter	Result	Flag	Units	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
CT ETPH	**ETPH (Extractable Total Petroleum Hydrocarbons)**	**0.207**		mg/L	0.150	1	CT DEP ETPH	09/26/2024 08:21	09/26/2024 15:30	GXB

	Surrogate Recoveries	Result	Acceptance Range
3386-33-2	*Surrogate: 1-Chlorooctadecane*	*54.9 %*	*30-140*

Sample Information

Client Sample ID: MW-6 **York Sample ID:** 24I1423 06

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24I1423	TE23-007 Region 18	Ground Water	September 21, 2024 10:50 am	09/24/2024

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	09/27/2024 02:00	09/27/2024 18:01	FO
71-55-6	1,1,1-Trichloroethane	ND		ug/L	0.500	1	EPA 8260C	09/27/2024 02:00	09/27/2024 18:01	FO
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.500	1	EPA 8260C	09/27/2024 02:00	09/27/2024 18:01	FO
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/L	0.500	1	EPA 8260C	09/27/2024 02:00	09/27/2024 18:01	FO
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.500	1	EPA 8260C	09/27/2024 02:00	09/27/2024 18:01	FO
75-34-3	1,1-Dichloroethane	ND		ug/L	0.500	1	EPA 8260C	09/27/2024 02:00	09/27/2024 18:01	FO
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.500	1	EPA 8260C	09/27/2024 02:00	09/27/2024 18:01	FO
563-58-6	1,1-Dichloropropylene	ND		ug/L	0.500	1	EPA 8260C	09/27/2024 02:00	09/27/2024 18:01	FO
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	0.500	1	EPA 8260C	09/27/2024 02:00	09/27/2024 18:01	FO
96-18-4	1,2,3-Trichloropropane	ND		ug/L	0.500	1	EPA 8260C	09/27/2024 02:00	09/27/2024 18:01	FO
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.500	1	EPA 8260C	09/27/2024 02:00	09/27/2024 18:01	FO
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	0.500	1	EPA 8260C	09/27/2024 02:00	09/27/2024 18:01	FO
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.500	1	EPA 8260C	09/27/2024 02:00	09/27/2024 18:01	FO
106-93-4	1,2-Dibromoethane	ND		ug/L	0.500	1	EPA 8260C	09/27/2024 02:00	09/27/2024 18:01	FO
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.500	1	EPA 8260C	09/27/2024 02:00	09/27/2024 18:01	FO
107-06-2	1,2-Dichloroethane	ND		ug/L	0.500	1	EPA 8260C	09/27/2024 02:00	09/27/2024 18:01	FO
78-87-5	1,2-Dichloropropane	ND		ug/L	0.500	1	EPA 8260C	09/27/2024 02:00	09/27/2024 18:01	FO
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	0.500	1	EPA 8260C	09/27/2024 02:00	09/27/2024 18:01	FO
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.500	1	EPA 8260C	09/27/2024 02:00	09/27/2024 18:01	FO
142-28-9	1,3-Dichloropropane	ND		ug/L	0.500	1	EPA 8260C	09/27/2024 02:00	09/27/2024 18:01	FO
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.500	1	EPA 8260C	09/27/2024 02:00	09/27/2024 18:01	FO
594-20-7	2,2-Dichloropropane	ND		ug/L	0.500	1	EPA 8260C	09/27/2024 02:00	09/27/2024 18:01	FO
78-93-3	2-Butanone	ND		ug/L	0.500	1	EPA 8260C	09/27/2024 02:00	09/27/2024 18:01	FO
95-49-8	2-Chlorotoluene	ND		ug/L	0.500	1	EPA 8260C	09/27/2024 02:00	09/27/2024 18:01	FO
591-78-6	2-Hexanone	ND		ug/L	0.500	1	EPA 8260C	09/27/2024 02:00	09/27/2024 18:01	FO
106-43-4	4-Chlorotoluene	ND		ug/L	0.500	1	EPA 8260C	09/27/2024 02:00	09/27/2024 18:01	FO
108-10-1	4-Methyl-2-pentanone	ND		ug/L	0.500	1	EPA 8260C	09/27/2024 02:00	09/27/2024 18:01	FO
67-64-1	Acetone	ND		ug/L	2.00	1	EPA 8260C	09/27/2024 02:00	09/27/2024 18:01	FO
107-13-1	Acrylonitrile	ND		ug/L	0.500	1	EPA 8260C	09/27/2024 02:00	09/27/2024 18:01	FO
71-43-2	Benzene	ND		ug/L	0.500	1	EPA 8260C	09/27/2024 02:00	09/27/2024 18:01	FO
108-86-1	Bromobenzene	ND		ug/L	0.500	1	EPA 8260C	09/27/2024 02:00	09/27/2024 18:01	FO
74-97-5	Bromochloromethane	ND		ug/L	0.500	1	EPA 8260C	09/27/2024 02:00	09/27/2024 18:01	FO
75-27-4	Bromodichloromethane	ND		ug/L	0.500	1	EPA 8260C	09/27/2024 02:00	09/27/2024 18:01	FO
75-25-2	Bromoform	ND		ug/L	0.500	1	EPA 8260C	09/27/2024 02:00	09/27/2024 18:01	FO
74-83-9	Bromomethane	ND		ug/L	0.500	1	EPA 8260C	09/27/2024 02:00	09/27/2024 18:01	FO
75-15-0	Carbon disulfide	ND		ug/L	0.500	1	EPA 8260C	09/27/2024 02:00	09/27/2024 18:01	FO
56-23-5	Carbon tetrachloride	ND		ug/L	0.500	1	EPA 8260C	09/27/2024 02:00	09/27/2024 18:01	FO

Sample Information

Client Sample ID: MW-6 **York Sample ID:** 24I1423 06

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24I1423	TE23-007 Region 18	Ground Water	September 21, 2024 10:50 am	09/24/2024

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
108 90 7	Chlorobenzene	ND		ug/L	0 500	1	EPA 8260C	09/27/2024 02:00	09/27/2024 18:01	FO
75-00-3	Chloroethane	ND		ug/L	0.500	1	EPA 8260C	09/27/2024 02:00	09/27/2024 18:01	FO
67 66 3	Chloroform	ND		ug/L	0 500	1	EPA 8260C	09/27/2024 02:00	09/27/2024 18:01	FO
74-87-3	Chloromethane	ND		ug/L	0.500	1	EPA 8260C	09/27/2024 02:00	09/27/2024 18:01	FO
156-59-2	cis-1,2-Dichloroethylene	ND		ug/L	0.500	1	EPA 8260C	09/27/2024 02:00	09/27/2024 18:01	FO
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.500	1	EPA 8260C	09/27/2024 02:00	09/27/2024 18:01	FO
124-48-1	Dibromochloromethane	ND		ug/L	0.500	1	EPA 8260C	09/27/2024 02:00	09/27/2024 18:01	FO
74-95-3	Dibromomethane	ND		ug/L	0.500	1	EPA 8260C	09/27/2024 02:00	09/27/2024 18:01	FO
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.500	1	EPA 8260C	09/27/2024 02:00	09/27/2024 18:01	FO
100-41-4	Ethyl Benzene	ND		ug/L	0.500	1	EPA 8260C	09/27/2024 02:00	09/27/2024 18:01	FO
87-68-3	Hexachlorobutadiene	ND		ug/L	0.500	1	EPA 8260C	09/27/2024 02:00	09/27/2024 18:01	FO
98-82-8	Isopropylbenzene	ND		ug/L	0.500	1	EPA 8260C	09/27/2024 02:00	09/27/2024 18:01	FO
80-62-6	Methyl Methacrylate	ND		ug/L	0.500	1	EPA 8260C	09/27/2024 02:00	09/27/2024 18:01	FO
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.500	1	EPA 8260C	09/27/2024 02:00	09/27/2024 18:01	FO
75-09-2	Methylene chloride	ND		ug/L	2.00	1	EPA 8260C	09/27/2024 02:00	09/27/2024 18:01	FO
91-20-3	Naphthalene	ND		ug/L	2.00	1	EPA 8260C	09/27/2024 02:00	09/27/2024 18:01	FO
104-51-8	n-Butylbenzene	ND		ug/L	0.500	1	EPA 8260C	09/27/2024 02:00	09/27/2024 18:01	FO
103-65-1	n-Propylbenzene	ND		ug/L	0.500	1	EPA 8260C	09/27/2024 02:00	09/27/2024 18:01	FO
95-47-6	o-Xylene	ND		ug/L	0.500	1	EPA 8260C	09/27/2024 02:00	09/27/2024 18:01	FO
179601-23-1	p- & m- Xylenes	ND		ug/L	1.00	1	EPA 8260C	09/27/2024 02:00	09/27/2024 18:01	FO
99-87-6	p-Isopropyltoluene	ND		ug/L	0.500	1	EPA 8260C	09/27/2024 02:00	09/27/2024 18:01	FO
135-98-8	sec-Butylbenzene	ND		ug/L	0.500	1	EPA 8260C	09/27/2024 02:00	09/27/2024 18:01	FO
100-42-5	Styrene	ND		ug/L	0.500	1	EPA 8260C	09/27/2024 02:00	09/27/2024 18:01	FO
98-06-6	tert-Butylbenzene	ND		ug/L	0.500	1	EPA 8260C	09/27/2024 02:00	09/27/2024 18:01	FO
127-18-4	Tetrachloroethylene	ND	CCVE, ICVE, QL-02	ug/L	0.500	1	EPA 8260C	09/27/2024 02:00	09/27/2024 18:01	FO
109-99-9	Tetrahydrofuran	ND	QL-02	ug/L	4.00	1	EPA 8260C	09/27/2024 02:00	09/27/2024 18:01	FO
108-88-3	Toluene	ND		ug/L	0.500	1	EPA 8260C	09/27/2024 02:00	09/27/2024 18:01	FO
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.500	1	EPA 8260C	09/27/2024 02:00	09/27/2024 18:01	FO
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.500	1	EPA 8260C	09/27/2024 02:00	09/27/2024 18:01	FO
110-57-6	trans-1,4-dichloro-2-butene	ND		ug/L	0.500	1	EPA 8260C	09/27/2024 02:00	09/27/2024 18:01	FO
79-01-6	Trichloroethylene	ND		ug/L	0.500	1	EPA 8260C	09/27/2024 02:00	09/27/2024 18:01	FO
75-69-4	Trichlorofluoromethane	ND		ug/L	0.500	1	EPA 8260C	09/27/2024 02:00	09/27/2024 18:01	FO
75-01-4	Vinyl Chloride	ND		ug/L	0.500	1	EPA 8260C	09/27/2024 02:00	09/27/2024 18:01	FO

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: SURR: 1,2-Dichloroethane-d4*	*101 %*	*70-130*
2037-26-5	*Surrogate: SURR: Toluene-d8*	*106 %*	*70-130*
460-00-4	*Surrogate: SURR: p-Bromofluorobenzene*	*105 %*	*70-130*

Sample Information

Client Sample ID: MW-6 **York Sample ID:** 24I1423-06

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24I1423	TE23-007 Region 18	Ground Water	September 21, 2024 10:50 am	09/24/2024

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	09/26/2024 09:31	09/27/2024 12:48	LL
	Surrogate Recoveries	**Result**			**Acceptance Range**					
4165-60-0	*Surrogate: SURR: Nitrobenzene-d5*	*44.4 %*			*30-130*					
321-60-8	*Surrogate: SURR: 2-Fluorobiphenyl*	*31.9 %*			*30-130*					
1718-51-0	*Surrogate: SURR: Terphenyl-d14*	*27.3 %*	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		ug/L	0.0500	1	EPA 8270D SIM	09/26/2024 09:31	09/30/2024 12:34	SS
208-96-8	Acenaphthylene	ND		ug/L	0.0500	1	EPA 8270D SIM	09/26/2024 09:31	09/30/2024 12:34	SS
120-12-7	Anthracene	ND		ug/L	0.0500	1	EPA 8270D SIM	09/26/2024 09:31	09/30/2024 12:34	SS
56-55-3	Benzo(a)anthracene	ND		ug/L	0.0500	1	EPA 8270D SIM	09/26/2024 09:31	09/30/2024 12:34	SS
50-32-8	Benzo(a)pyrene	ND		ug/L	0.0500	1	EPA 8270D SIM	09/26/2024 09:31	09/30/2024 12:34	SS
205-99-2	Benzo(b)fluoranthene	ND		ug/L	0.0500	1	EPA 8270D SIM	09/26/2024 09:31	09/30/2024 12:34	SS
191-24-2	Benzo(g,h,i)perylene	ND		ug/L	0.0500	1	EPA 8270D SIM	09/26/2024 09:31	09/30/2024 12:34	SS
207-08-9	Benzo(k)fluoranthene	ND		ug/L	0.0500	1	EPA 8270D SIM	09/26/2024 09:31	09/30/2024 12:34	SS
218-01-9	Chrysene	ND		ug/L	0.0500	1	EPA 8270D SIM	09/26/2024 09:31	09/30/2024 12:34	SS
53-70-3	Dibenzo(a,h)anthracene	ND		ug/L	0.0500	1	EPA 8270D SIM	09/26/2024 09:31	09/30/2024 12:34	SS
206-44-0	Fluoranthene	ND		ug/L	0.0500	1	EPA 8270D SIM	09/26/2024 09:31	09/30/2024 12:34	SS
86-73-7	Fluorene	ND		ug/L	0.0500	1	EPA 8270D SIM	09/26/2024 09:31	09/30/2024 12:34	SS
193-39-5	Indeno(1,2,3-cd)pyrene	ND		ug/L	0.0500	1	EPA 8270D SIM	09/26/2024 09:31	09/30/2024 12:34	SS
91-20-3	Naphthalene	ND		ug/L	0.0500	1	EPA 8270D SIM	09/26/2024 09:31	09/30/2024 12:34	SS
85-01-8	Phenanthrene	ND		ug/L	0.0500	1	EPA 8270D SIM	09/26/2024 09:31	09/30/2024 12:34	SS
129-00-0	Pyrene	ND		ug/L	0.0500	1	EPA 8270D SIM	09/26/2024 09:31	09/30/2024 12:34	SS

Extractable Total Petroleum Hydrocarbons (ETPH)

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

Sample Prepared by Method: EPA SW846-3510C Low Level

CAS No.	Parameter	Result	Flag	Units	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
CT ETPH	**ETPH (Extractable Total Petroleum Hydrocarbons)**	**0.187**		mg/L	0.150	1	CT DEP ETPH	09/26/2024 08:21	09/26/2024 16:08	GXB
	Surrogate Recoveries	**Result**			**Acceptance Range**					
3386-33-2	*Surrogate: 1-Chlorooctadecane*	*56.2 %*			*30-140*					

Sample Information

Client Sample ID: MW-7 **York Sample ID:** 24I1423 07

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24I1423	TE23-007 Region 18	Ground Water	September 21, 2024 11:30 am	09/24/2024

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	09/27/2024 02:00	09/27/2024 18:27	FO
71-55-6	1,1,1-Trichloroethane	ND		ug/L	0.500	1	EPA 8260C	09/27/2024 02:00	09/27/2024 18:27	FO
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.500	1	EPA 8260C	09/27/2024 02:00	09/27/2024 18:27	FO
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/L	0.500	1	EPA 8260C	09/27/2024 02:00	09/27/2024 18:27	FO
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.500	1	EPA 8260C	09/27/2024 02:00	09/27/2024 18:27	FO
75-34-3	1,1-Dichloroethane	ND		ug/L	0.500	1	EPA 8260C	09/27/2024 02:00	09/27/2024 18:27	FO
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.500	1	EPA 8260C	09/27/2024 02:00	09/27/2024 18:27	FO
563-58-6	1,1-Dichloropropylene	ND		ug/L	0.500	1	EPA 8260C	09/27/2024 02:00	09/27/2024 18:27	FO
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	0.500	1	EPA 8260C	09/27/2024 02:00	09/27/2024 18:27	FO
96-18-4	1,2,3-Trichloropropane	ND		ug/L	0.500	1	EPA 8260C	09/27/2024 02:00	09/27/2024 18:27	FO
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.500	1	EPA 8260C	09/27/2024 02:00	09/27/2024 18:27	FO
95-63-6	**1,2,4-Trimethylbenzene**	**35.6**		ug/L	0.500	1	EPA 8260C	09/27/2024 02:00	09/27/2024 18:27	FO
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.500	1	EPA 8260C	09/27/2024 02:00	09/27/2024 18:27	FO
106-93-4	1,2-Dibromoethane	ND		ug/L	0.500	1	EPA 8260C	09/27/2024 02:00	09/27/2024 18:27	FO
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.500	1	EPA 8260C	09/27/2024 02:00	09/27/2024 18:27	FO
107-06-2	1,2-Dichloroethane	ND		ug/L	0.500	1	EPA 8260C	09/27/2024 02:00	09/27/2024 18:27	FO
78-87-5	1,2-Dichloropropane	ND		ug/L	0.500	1	EPA 8260C	09/27/2024 02:00	09/27/2024 18:27	FO
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	0.500	1	EPA 8260C	09/27/2024 02:00	09/27/2024 18:27	FO
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.500	1	EPA 8260C	09/27/2024 02:00	09/27/2024 18:27	FO
142-28-9	1,3-Dichloropropane	ND		ug/L	0.500	1	EPA 8260C	09/27/2024 02:00	09/27/2024 18:27	FO
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.500	1	EPA 8260C	09/27/2024 02:00	09/27/2024 18:27	FO
594-20-7	2,2-Dichloropropane	ND		ug/L	0.500	1	EPA 8260C	09/27/2024 02:00	09/27/2024 18:27	FO
78-93-3	2-Butanone	ND		ug/L	0.500	1	EPA 8260C	09/27/2024 02:00	09/27/2024 18:27	FO
95-49-8	2-Chlorotoluene	ND		ug/L	0.500	1	EPA 8260C	09/27/2024 02:00	09/27/2024 18:27	FO
591-78-6	2-Hexanone	ND		ug/L	0.500	1	EPA 8260C	09/27/2024 02:00	09/27/2024 18:27	FO
106-43-4	4-Chlorotoluene	ND		ug/L	0.500	1	EPA 8260C	09/27/2024 02:00	09/27/2024 18:27	FO
108-10-1	4-Methyl-2-pentanone	ND		ug/L	0.500	1	EPA 8260C	09/27/2024 02:00	09/27/2024 18:27	FO
67-64-1	Acetone	ND		ug/L	2.00	1	EPA 8260C	09/27/2024 02:00	09/27/2024 18:27	FO
107-13-1	Acrylonitrile	ND		ug/L	0.500	1	EPA 8260C	09/27/2024 02:00	09/27/2024 18:27	FO
71-43-2	Benzene	ND		ug/L	0.500	1	EPA 8260C	09/27/2024 02:00	09/27/2024 18:27	FO
108-86-1	Bromobenzene	ND		ug/L	0.500	1	EPA 8260C	09/27/2024 02:00	09/27/2024 18:27	FO
74-97-5	Bromochloromethane	ND		ug/L	0.500	1	EPA 8260C	09/27/2024 02:00	09/27/2024 18:27	FO
75-27-4	Bromodichloromethane	ND		ug/L	0.500	1	EPA 8260C	09/27/2024 02:00	09/27/2024 18:27	FO
75-25-2	Bromoform	ND		ug/L	0.500	1	EPA 8260C	09/27/2024 02:00	09/27/2024 18:27	FO
74-83-9	Bromomethane	ND		ug/L	0.500	1	EPA 8260C	09/27/2024 02:00	09/27/2024 18:27	FO
75-15-0	Carbon disulfide	ND		ug/L	0.500	1	EPA 8260C	09/27/2024 02:00	09/27/2024 18:27	FO
56-23-5	Carbon tetrachloride	ND		ug/L	0.500	1	EPA 8260C	09/27/2024 02:00	09/27/2024 18:27	FO

Sample Information

Client Sample ID: MW-7 **York Sample ID:** 24I1423 07

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24I1423	TE23-007 Region 18	Ground Water	September 21, 2024 11:30 am	09/24/2024

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
108 90 7	Chlorobenzene	ND		ug/L	0 500	1	EPA 8260C	09/27/2024 02:00	09/27/2024 18:27	FO
75-00-3	Chloroethane	ND		ug/L	0.500	1	EPA 8260C	09/27/2024 02:00	09/27/2024 18:27	FO
67 66 3	Chloroform	ND		ug/L	0 500	1	EPA 8260C	09/27/2024 02:00	09/27/2024 18:27	FO
74-87-3	Chloromethane	ND		ug/L	0.500	1	EPA 8260C	09/27/2024 02:00	09/27/2024 18:27	FO
156-59-2	cis-1,2-Dichloroethylene	ND		ug/L	0.500	1	EPA 8260C	09/27/2024 02:00	09/27/2024 18:27	FO
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.500	1	EPA 8260C	09/27/2024 02:00	09/27/2024 18:27	FO
124-48-1	Dibromochloromethane	ND		ug/L	0.500	1	EPA 8260C	09/27/2024 02:00	09/27/2024 18:27	FO
74-95-3	Dibromomethane	ND		ug/L	0.500	1	EPA 8260C	09/27/2024 02:00	09/27/2024 18:27	FO
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.500	1	EPA 8260C	09/27/2024 02:00	09/27/2024 18:27	FO
100-41-4	**Ethyl Benzene**	**15.5**		ug/L	0.500	1	EPA 8260C	09/27/2024 02:00	09/27/2024 18:27	FO
87-68-3	Hexachlorobutadiene	ND		ug/L	0.500	1	EPA 8260C	09/27/2024 02:00	09/27/2024 18:27	FO
98-82-8	**Isopropylbenzene**	**3.16**		ug/L	0.500	1	EPA 8260C	09/27/2024 02:00	09/27/2024 18:27	FO
80-62-6	Methyl Methacrylate	ND		ug/L	0.500	1	EPA 8260C	09/27/2024 02:00	09/27/2024 18:27	FO
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.500	1	EPA 8260C	09/27/2024 02:00	09/27/2024 18:27	FO
75-09-2	Methylene chloride	ND		ug/L	2.00	1	EPA 8260C	09/27/2024 02:00	09/27/2024 18:27	FO
91-20-3	Naphthalene	ND		ug/L	2.00	1	EPA 8260C	09/27/2024 02:00	09/27/2024 18:27	FO
104-51-8	**n-Butylbenzene**	**0.570**		ug/L	0.500	1	EPA 8260C	09/27/2024 02:00	09/27/2024 18:27	FO
103-65-1	**n-Propylbenzene**	**4.81**	ICVE20	ug/L	0.500	1	EPA 8260C	09/27/2024 02:00	09/27/2024 18:27	FO
95-47-6	o-Xylene	ND		ug/L	0.500	1	EPA 8260C	09/27/2024 02:00	09/27/2024 18:27	FO
179601-23-1	p- & m- Xylenes	ND		ug/L	1.00	1	EPA 8260C	09/27/2024 02:00	09/27/2024 18:27	FO
99-87-6	p-Isopropyltoluene	ND		ug/L	0.500	1	EPA 8260C	09/27/2024 02:00	09/27/2024 18:27	FO
135-98-8	**sec-Butylbenzene**	**1.17**		ug/L	0.500	1	EPA 8260C	09/27/2024 02:00	09/27/2024 18:27	FO
100-42-5	Styrene	ND		ug/L	0.500	1	EPA 8260C	09/27/2024 02:00	09/27/2024 18:27	FO
98-06-6	tert-Butylbenzene	ND		ug/L	0.500	1	EPA 8260C	09/27/2024 02:00	09/27/2024 18:27	FO
127-18-4	Tetrachloroethylene	ND	QL-02, CCVE, ICVE	ug/L	0.500	1	EPA 8260C	09/27/2024 02:00	09/27/2024 18:27	FO
109-99-9	Tetrahydrofuran	ND	QL-02	ug/L	4.00	1	EPA 8260C	09/27/2024 02:00	09/27/2024 18:27	FO
108-88-3	Toluene	ND		ug/L	0.500	1	EPA 8260C	09/27/2024 02:00	09/27/2024 18:27	FO
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.500	1	EPA 8260C	09/27/2024 02:00	09/27/2024 18:27	FO
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.500	1	EPA 8260C	09/27/2024 02:00	09/27/2024 18:27	FO
110-57-6	trans-1,4-dichloro-2-butene	ND		ug/L	0.500	1	EPA 8260C	09/27/2024 02:00	09/27/2024 18:27	FO
79-01-6	Trichloroethylene	ND		ug/L	0.500	1	EPA 8260C	09/27/2024 02:00	09/27/2024 18:27	FO
75-69-4	Trichlorofluoromethane	ND		ug/L	0.500	1	EPA 8260C	09/27/2024 02:00	09/27/2024 18:27	FO
75-01-4	Vinyl Chloride	ND		ug/L	0.500	1	EPA 8260C	09/27/2024 02:00	09/27/2024 18:27	FO

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: SURR: 1,2-Dichloroethane-d4*	*103 %*	*70-130*
2037-26-5	*Surrogate: SURR: Toluene-d8*	*105 %*	*70-130*
460-00-4	*Surrogate: SURR: p-Bromofluorobenzene*	*106 %*	*70-130*

Sample Information

Client Sample ID: MW-7 **York Sample ID:** 24I1423-07

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24I1423	TE23-007 Region 18	Ground Water	September 21, 2024 11:30 am	09/24/2024

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	09/26/2024 09:31	09/27/2024 13:23	LL
	Surrogate Recoveries	**Result**			**Acceptance Range**					
4165-60-0	*Surrogate: SURR: Nitrobenzene-d5*	*80.7 %*			*30-130*					
321-60-8	*Surrogate: SURR: 2-Fluorobiphenyl*	*57.8 %*			*30-130*					
1718-51-0	*Surrogate: SURR: Terphenyl-d14*	*52.1 %*			*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	09/26/2024 09:31	09/30/2024 11:35	SS
208-96-8	Acenaphthylene	ND		ug/L	0.0500	1	EPA 8270D SIM	09/26/2024 09:31	09/30/2024 11:35	SS
120-12-7	Anthracene	ND		ug/L	0.0500	1	EPA 8270D SIM	09/26/2024 09:31	09/30/2024 11:35	SS
56-55-3	Benzo(a)anthracene	ND		ug/L	0.0500	1	EPA 8270D SIM	09/26/2024 09:31	09/30/2024 11:35	SS
50-32-8	Benzo(a)pyrene	ND		ug/L	0.0500	1	EPA 8270D SIM	09/26/2024 09:31	09/30/2024 11:35	SS
205-99-2	Benzo(b)fluoranthene	ND		ug/L	0.0500	1	EPA 8270D SIM	09/26/2024 09:31	09/30/2024 11:35	SS
191-24-2	Benzo(g,h,i)perylene	ND		ug/L	0.0500	1	EPA 8270D SIM	09/26/2024 09:31	09/30/2024 11:35	SS
207-08-9	Benzo(k)fluoranthene	ND		ug/L	0.0500	1	EPA 8270D SIM	09/26/2024 09:31	09/30/2024 11:35	SS
218-01-9	Chrysene	ND		ug/L	0.0500	1	EPA 8270D SIM	09/26/2024 09:31	09/30/2024 11:35	SS
53-70-3	Dibenzo(a,h)anthracene	ND		ug/L	0.0500	1	EPA 8270D SIM	09/26/2024 09:31	09/30/2024 11:35	SS
206-44-0	Fluoranthene	ND		ug/L	0.0500	1	EPA 8270D SIM	09/26/2024 09:31	09/30/2024 11:35	SS
86-73-7	Fluorene	ND		ug/L	0.0500	1	EPA 8270D SIM	09/26/2024 09:31	09/30/2024 11:35	SS
193-39-5	Indeno(1,2,3-cd)pyrene	ND		ug/L	0.0500	1	EPA 8270D SIM	09/26/2024 09:31	09/30/2024 11:35	SS
91-20-3	Naphthalene	ND		ug/L	0.0500	1	EPA 8270D SIM	09/26/2024 09:31	09/30/2024 11:35	SS
85-01-8	Phenanthrene	ND		ug/L	0.0500	1	EPA 8270D SIM	09/26/2024 09:31	09/30/2024 11:35	SS
129-00-0	Pyrene	ND		ug/L	0.0500	1	EPA 8270D SIM	09/26/2024 09:31	09/30/2024 11:35	SS

Extractable Total Petroleum Hydrocarbons (ETPH)

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

Sample Prepared by Method: EPA SW846-3510C Low Level

CAS No.	Parameter	Result	Flag	Units	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
CT ETPH	**ETPH (Extractable Total Petroleum Hydrocarbons)**	**0.296**		mg/L	0.150	1	CT DEP ETPH	09/26/2024 08:21	09/26/2024 16:46	GXB
	Surrogate Recoveries	**Result**			**Acceptance Range**					
3386-33-2	*Surrogate: 1-Chlorooctadecane*	*60.5 %*			*30-140*					

Sample Information

Client Sample ID: MW-7R

York Sample ID: 24I1423 08

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24I1423	TE23-007 Region 18	Ground Water	September 21, 2024 12:25 pm	09/24/2024

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	09/27/2024 02:00	09/27/2024 18:54	FO
71-55-6	1,1,1-Trichloroethane	ND		ug/L	0.500	1	EPA 8260C	09/27/2024 02:00	09/27/2024 18:54	FO
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.500	1	EPA 8260C	09/27/2024 02:00	09/27/2024 18:54	FO
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/L	0.500	1	EPA 8260C	09/27/2024 02:00	09/27/2024 18:54	FO
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.500	1	EPA 8260C	09/27/2024 02:00	09/27/2024 18:54	FO
75-34-3	1,1-Dichloroethane	ND		ug/L	0.500	1	EPA 8260C	09/27/2024 02:00	09/27/2024 18:54	FO
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.500	1	EPA 8260C	09/27/2024 02:00	09/27/2024 18:54	FO
563-58-6	1,1-Dichloropropylene	ND		ug/L	0.500	1	EPA 8260C	09/27/2024 02:00	09/27/2024 18:54	FO
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	0.500	1	EPA 8260C	09/27/2024 02:00	09/27/2024 18:54	FO
96-18-4	1,2,3-Trichloropropane	ND		ug/L	0.500	1	EPA 8260C	09/27/2024 02:00	09/27/2024 18:54	FO
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.500	1	EPA 8260C	09/27/2024 02:00	09/27/2024 18:54	FO
95-63-6	**1,2,4-Trimethylbenzene**	**10.6**		ug/L	0.500	1	EPA 8260C	09/27/2024 02:00	09/27/2024 18:54	FO
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.500	1	EPA 8260C	09/27/2024 02:00	09/27/2024 18:54	FO
106-93-4	1,2-Dibromoethane	ND		ug/L	0.500	1	EPA 8260C	09/27/2024 02:00	09/27/2024 18:54	FO
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.500	1	EPA 8260C	09/27/2024 02:00	09/27/2024 18:54	FO
107-06-2	1,2-Dichloroethane	ND		ug/L	0.500	1	EPA 8260C	09/27/2024 02:00	09/27/2024 18:54	FO
78-87-5	1,2-Dichloropropane	ND		ug/L	0.500	1	EPA 8260C	09/27/2024 02:00	09/27/2024 18:54	FO
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	0.500	1	EPA 8260C	09/27/2024 02:00	09/27/2024 18:54	FO
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.500	1	EPA 8260C	09/27/2024 02:00	09/27/2024 18:54	FO
142-28-9	1,3-Dichloropropane	ND		ug/L	0.500	1	EPA 8260C	09/27/2024 02:00	09/27/2024 18:54	FO
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.500	1	EPA 8260C	09/27/2024 02:00	09/27/2024 18:54	FO
594-20-7	2,2-Dichloropropane	ND		ug/L	0.500	1	EPA 8260C	09/27/2024 02:00	09/27/2024 18:54	FO
78-93-3	2-Butanone	ND		ug/L	0.500	1	EPA 8260C	09/27/2024 02:00	09/27/2024 18:54	FO
95-49-8	2-Chlorotoluene	ND		ug/L	0.500	1	EPA 8260C	09/27/2024 02:00	09/27/2024 18:54	FO
591-78-6	2-Hexanone	ND		ug/L	0.500	1	EPA 8260C	09/27/2024 02:00	09/27/2024 18:54	FO
106-43-4	4-Chlorotoluene	ND		ug/L	0.500	1	EPA 8260C	09/27/2024 02:00	09/27/2024 18:54	FO
108-10-1	4-Methyl-2-pentanone	ND		ug/L	0.500	1	EPA 8260C	09/27/2024 02:00	09/27/2024 18:54	FO
67-64-1	Acetone	ND		ug/L	2.00	1	EPA 8260C	09/27/2024 02:00	09/27/2024 18:54	FO
107-13-1	Acrylonitrile	ND		ug/L	0.500	1	EPA 8260C	09/27/2024 02:00	09/27/2024 18:54	FO
71-43-2	Benzene	ND		ug/L	0.500	1	EPA 8260C	09/27/2024 02:00	09/27/2024 18:54	FO
108-86-1	Bromobenzene	ND		ug/L	0.500	1	EPA 8260C	09/27/2024 02:00	09/27/2024 18:54	FO
74-97-5	Bromochloromethane	ND		ug/L	0.500	1	EPA 8260C	09/27/2024 02:00	09/27/2024 18:54	FO
75-27-4	Bromodichloromethane	ND		ug/L	0.500	1	EPA 8260C	09/27/2024 02:00	09/27/2024 18:54	FO
75-25-2	Bromoform	ND		ug/L	0.500	1	EPA 8260C	09/27/2024 02:00	09/27/2024 18:54	FO
74-83-9	Bromomethane	ND		ug/L	0.500	1	EPA 8260C	09/27/2024 02:00	09/27/2024 18:54	FO
75-15-0	Carbon disulfide	ND		ug/L	0.500	1	EPA 8260C	09/27/2024 02:00	09/27/2024 18:54	FO
56-23-5	Carbon tetrachloride	ND		ug/L	0.500	1	EPA 8260C	09/27/2024 02:00	09/27/2024 18:54	FO

Sample Information

Client Sample ID: MW-7R

York Sample ID: 24I1423 08

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24I1423	TE23-007 Region 18	Ground Water	September 21, 2024 12:25 pm	09/24/2024

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
108 90 7	Chlorobenzene	ND		ug/L	0 500	1	EPA 8260C	09/27/2024 02:00	09/27/2024 18:54	FO
75-00-3	Chloroethane	ND		ug/L	0.500	1	EPA 8260C	09/27/2024 02:00	09/27/2024 18:54	FO
67 66 3	Chloroform	ND		ug/L	0 500	1	EPA 8260C	09/27/2024 02:00	09/27/2024 18:54	FO
74-87-3	Chloromethane	ND		ug/L	0.500	1	EPA 8260C	09/27/2024 02:00	09/27/2024 18:54	FO
156-59-2	cis-1,2-Dichloroethylene	ND		ug/L	0.500	1	EPA 8260C	09/27/2024 02:00	09/27/2024 18:54	FO
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.500	1	EPA 8260C	09/27/2024 02:00	09/27/2024 18:54	FO
124-48-1	Dibromochloromethane	ND		ug/L	0.500	1	EPA 8260C	09/27/2024 02:00	09/27/2024 18:54	FO
74-95-3	Dibromomethane	ND		ug/L	0.500	1	EPA 8260C	09/27/2024 02:00	09/27/2024 18:54	FO
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.500	1	EPA 8260C	09/27/2024 02:00	09/27/2024 18:54	FO
100-41-4	**Ethyl Benzene**	**3.79**		ug/L	0.500	1	EPA 8260C	09/27/2024 02:00	09/27/2024 18:54	FO
87-68-3	Hexachlorobutadiene	ND		ug/L	0.500	1	EPA 8260C	09/27/2024 02:00	09/27/2024 18:54	FO
98-82-8	**Isopropylbenzene**	**1.00**		ug/L	0.500	1	EPA 8260C	09/27/2024 02:00	09/27/2024 18:54	FO
80-62-6	Methyl Methacrylate	ND		ug/L	0.500	1	EPA 8260C	09/27/2024 02:00	09/27/2024 18:54	FO
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.500	1	EPA 8260C	09/27/2024 02:00	09/27/2024 18:54	FO
75-09-2	Methylene chloride	ND		ug/L	2.00	1	EPA 8260C	09/27/2024 02:00	09/27/2024 18:54	FO
91-20-3	Naphthalene	ND		ug/L	2.00	1	EPA 8260C	09/27/2024 02:00	09/27/2024 18:54	FO
104-51-8	n-Butylbenzene	ND		ug/L	0.500	1	EPA 8260C	09/27/2024 02:00	09/27/2024 18:54	FO
103-65-1	**n-Propylbenzene**	**1.13**	ICVE20	ug/L	0.500	1	EPA 8260C	09/27/2024 02:00	09/27/2024 18:54	FO
95-47-6	o-Xylene	ND		ug/L	0.500	1	EPA 8260C	09/27/2024 02:00	09/27/2024 18:54	FO
179601-23-1	p- & m- Xylenes	ND		ug/L	1.00	1	EPA 8260C	09/27/2024 02:00	09/27/2024 18:54	FO
99-87-6	p-Isopropyltoluene	ND		ug/L	0.500	1	EPA 8260C	09/27/2024 02:00	09/27/2024 18:54	FO
135-98-8	sec-Butylbenzene	ND		ug/L	0.500	1	EPA 8260C	09/27/2024 02:00	09/27/2024 18:54	FO
100-42-5	Styrene	ND		ug/L	0.500	1	EPA 8260C	09/27/2024 02:00	09/27/2024 18:54	FO
98-06-6	tert-Butylbenzene	ND		ug/L	0.500	1	EPA 8260C	09/27/2024 02:00	09/27/2024 18:54	FO
127-18-4	Tetrachloroethylene	ND	CCVE, ICVE, QL-02	ug/L	0.500	1	EPA 8260C	09/27/2024 02:00	09/27/2024 18:54	FO
109-99-9	Tetrahydrofuran	ND	QL-02	ug/L	4.00	1	EPA 8260C	09/27/2024 02:00	09/27/2024 18:54	FO
108-88-3	Toluene	ND		ug/L	0.500	1	EPA 8260C	09/27/2024 02:00	09/27/2024 18:54	FO
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.500	1	EPA 8260C	09/27/2024 02:00	09/27/2024 18:54	FO
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.500	1	EPA 8260C	09/27/2024 02:00	09/27/2024 18:54	FO
110-57-6	trans-1,4-dichloro-2-butene	ND		ug/L	0.500	1	EPA 8260C	09/27/2024 02:00	09/27/2024 18:54	FO
79-01-6	Trichloroethylene	ND		ug/L	0.500	1	EPA 8260C	09/27/2024 02:00	09/27/2024 18:54	FO
75-69-4	Trichlorofluoromethane	ND		ug/L	0.500	1	EPA 8260C	09/27/2024 02:00	09/27/2024 18:54	FO
75-01-4	Vinyl Chloride	ND		ug/L	0.500	1	EPA 8260C	09/27/2024 02:00	09/27/2024 18:54	FO

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: SURR: 1,2-Dichloroethane-d4*	*104 %*	*70-130*
2037-26-5	*Surrogate: SURR: Toluene-d8*	*104 %*	*70-130*
460-00-4	*Surrogate: SURR: p-Bromofluorobenzene*	*105 %*	*70-130*

Sample Information

Client Sample ID: MW-7R

York Sample ID: 24I1423-08

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24I1423	TE23-007 Region 18	Ground Water	September 21, 2024 12:25 pm	09/24/2024

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	09/26/2024 09:31	09/27/2024 13:58	LL

	Surrogate Recoveries	Result	Acceptance Range
4165-60-0	*Surrogate: SURR: Nitrobenzene-d5*	*75.2 %*	*30-130*
321-60-8	*Surrogate: SURR: 2-Fluorobiphenyl*	*53.8 %*	*30-130*
1718-51-0	*Surrogate: SURR: Terphenyl-d14*	*45.7 %*	*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		ug/L	0.0500	1	EPA 8270D SIM	09/26/2024 09:31	09/30/2024 13:33	SS
208-96-8	Acenaphthylene	ND		ug/L	0.0500	1	EPA 8270D SIM	09/26/2024 09:31	09/30/2024 13:33	SS
120-12-7	Anthracene	ND		ug/L	0.0500	1	EPA 8270D SIM	09/26/2024 09:31	09/30/2024 13:33	SS
56-55-3	Benzo(a)anthracene	ND		ug/L	0.0500	1	EPA 8270D SIM	09/26/2024 09:31	09/30/2024 13:33	SS
50-32-8	Benzo(a)pyrene	ND		ug/L	0.0500	1	EPA 8270D SIM	09/26/2024 09:31	09/30/2024 13:33	SS
205-99-2	Benzo(b)fluoranthene	ND		ug/L	0.0500	1	EPA 8270D SIM	09/26/2024 09:31	09/30/2024 13:33	SS
191-24-2	Benzo(g,h,i)perylene	ND		ug/L	0.0500	1	EPA 8270D SIM	09/26/2024 09:31	09/30/2024 13:33	SS
207-08-9	Benzo(k)fluoranthene	ND		ug/L	0.0500	1	EPA 8270D SIM	09/26/2024 09:31	09/30/2024 13:33	SS
218-01-9	Chrysene	ND		ug/L	0.0500	1	EPA 8270D SIM	09/26/2024 09:31	09/30/2024 13:33	SS
53-70-3	Dibenzo(a,h)anthracene	ND		ug/L	0.0500	1	EPA 8270D SIM	09/26/2024 09:31	09/30/2024 13:33	SS
206-44-0	Fluoranthene	ND		ug/L	0.0500	1	EPA 8270D SIM	09/26/2024 09:31	09/30/2024 13:33	SS
86-73-7	Fluorene	ND		ug/L	0.0500	1	EPA 8270D SIM	09/26/2024 09:31	09/30/2024 13:33	SS
193-39-5	Indeno(1,2,3-cd)pyrene	ND		ug/L	0.0500	1	EPA 8270D SIM	09/26/2024 09:31	09/30/2024 13:33	SS
91-20-3	**Naphthalene**	**0.160**	B	ug/L	0.0500	1	EPA 8270D SIM	09/26/2024 09:31	09/30/2024 13:33	SS
85-01-8	Phenanthrene	ND		ug/L	0.0500	1	EPA 8270D SIM	09/26/2024 09:31	09/30/2024 13:33	SS
129-00-0	Pyrene	ND		ug/L	0.0500	1	EPA 8270D SIM	09/26/2024 09:31	09/30/2024 13:33	SS

Extractable Total Petroleum Hydrocarbons (ETPH)

Log-in Notes:

Sample Notes:

Sample Prepared by Method EPA SW846 3510C Low Level

CAS No.	Parameter	Result	Flag	Units	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
CT ETPH	**ETPH (Extractable Total Petroleum Hydrocarbons)**	**0.207**		mg/L	0.150	1	CT DEP ETPH	09/26/2024 08:21	09/26/2024 17:25	GXB

	Surrogate Recoveries	Result	Acceptance Range
3386-33-2	*Surrogate: 1-Chlorooctadecane*	*45.2 %*	*30-140*

Sample Information

Client Sample ID: MW-7D

York Sample ID: 24I1423 09

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24I1423	TE23-007 Region 18	Ground Water	September 21, 2024 1:10 pm	09/24/2024

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	09/27/2024 02:00	09/27/2024 19:21	FO
71-55-6	1,1,1-Trichloroethane	ND		ug/L	0.500	1	EPA 8260C	09/27/2024 02:00	09/27/2024 19:21	FO
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.500	1	EPA 8260C	09/27/2024 02:00	09/27/2024 19:21	FO
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/L	0.500	1	EPA 8260C	09/27/2024 02:00	09/27/2024 19:21	FO
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.500	1	EPA 8260C	09/27/2024 02:00	09/27/2024 19:21	FO
75-34-3	1,1-Dichloroethane	ND		ug/L	0.500	1	EPA 8260C	09/27/2024 02:00	09/27/2024 19:21	FO
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.500	1	EPA 8260C	09/27/2024 02:00	09/27/2024 19:21	FO
563-58-6	1,1-Dichloropropylene	ND		ug/L	0.500	1	EPA 8260C	09/27/2024 02:00	09/27/2024 19:21	FO
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	0.500	1	EPA 8260C	09/27/2024 02:00	09/27/2024 19:21	FO
96-18-4	1,2,3-Trichloropropane	ND		ug/L	0.500	1	EPA 8260C	09/27/2024 02:00	09/27/2024 19:21	FO
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.500	1	EPA 8260C	09/27/2024 02:00	09/27/2024 19:21	FO
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	0.500	1	EPA 8260C	09/27/2024 02:00	09/27/2024 19:21	FO
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.500	1	EPA 8260C	09/27/2024 02:00	09/27/2024 19:21	FO
106-93-4	1,2-Dibromoethane	ND		ug/L	0.500	1	EPA 8260C	09/27/2024 02:00	09/27/2024 19:21	FO
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.500	1	EPA 8260C	09/27/2024 02:00	09/27/2024 19:21	FO
107-06-2	1,2-Dichloroethane	ND		ug/L	0.500	1	EPA 8260C	09/27/2024 02:00	09/27/2024 19:21	FO
78-87-5	1,2-Dichloropropane	ND		ug/L	0.500	1	EPA 8260C	09/27/2024 02:00	09/27/2024 19:21	FO
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	0.500	1	EPA 8260C	09/27/2024 02:00	09/27/2024 19:21	FO
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.500	1	EPA 8260C	09/27/2024 02:00	09/27/2024 19:21	FO
142-28-9	1,3-Dichloropropane	ND		ug/L	0.500	1	EPA 8260C	09/27/2024 02:00	09/27/2024 19:21	FO
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.500	1	EPA 8260C	09/27/2024 02:00	09/27/2024 19:21	FO
594-20-7	2,2-Dichloropropane	ND		ug/L	0.500	1	EPA 8260C	09/27/2024 02:00	09/27/2024 19:21	FO
78-93-3	2-Butanone	ND		ug/L	0.500	1	EPA 8260C	09/27/2024 02:00	09/27/2024 19:21	FO
95-49-8	2-Chlorotoluene	ND		ug/L	0.500	1	EPA 8260C	09/27/2024 02:00	09/27/2024 19:21	FO
591-78-6	2-Hexanone	ND		ug/L	0.500	1	EPA 8260C	09/27/2024 02:00	09/27/2024 19:21	FO
106-43-4	4-Chlorotoluene	ND		ug/L	0.500	1	EPA 8260C	09/27/2024 02:00	09/27/2024 19:21	FO
108-10-1	4-Methyl-2-pentanone	ND		ug/L	0.500	1	EPA 8260C	09/27/2024 02:00	09/27/2024 19:21	FO
67-64-1	Acetone	ND		ug/L	2.00	1	EPA 8260C	09/27/2024 02:00	09/27/2024 19:21	FO
107-13-1	Acrylonitrile	ND		ug/L	0.500	1	EPA 8260C	09/27/2024 02:00	09/27/2024 19:21	FO
71-43-2	Benzene	ND		ug/L	0.500	1	EPA 8260C	09/27/2024 02:00	09/27/2024 19:21	FO
108-86-1	Bromobenzene	ND		ug/L	0.500	1	EPA 8260C	09/27/2024 02:00	09/27/2024 19:21	FO
74-97-5	Bromochloromethane	ND		ug/L	0.500	1	EPA 8260C	09/27/2024 02:00	09/27/2024 19:21	FO
75-27-4	Bromodichloromethane	ND		ug/L	0.500	1	EPA 8260C	09/27/2024 02:00	09/27/2024 19:21	FO
75-25-2	Bromoform	ND		ug/L	0.500	1	EPA 8260C	09/27/2024 02:00	09/27/2024 19:21	FO
74-83-9	Bromomethane	ND		ug/L	0.500	1	EPA 8260C	09/27/2024 02:00	09/27/2024 19:21	FO
75-15-0	Carbon disulfide	ND		ug/L	0.500	1	EPA 8260C	09/27/2024 02:00	09/27/2024 19:21	FO
56-23-5	Carbon tetrachloride	ND		ug/L	0.500	1	EPA 8260C	09/27/2024 02:00	09/27/2024 19:21	FO

Sample Information

Client Sample ID: MW-7D

York Sample ID: 24I1423 09

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24I1423	TE23-007 Region 18	Ground Water	September 21, 2024 1:10 pm	09/24/2024

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
108 90 7	Chlorobenzene	ND		ug/L	0 500	1	EPA 8260C	09/27/2024 02:00	09/27/2024 19:21	FO
75-00-3	Chloroethane	ND		ug/L	0.500	1	EPA 8260C	09/27/2024 02:00	09/27/2024 19:21	FO
67 66 3	Chloroform	ND		ug/L	0 500	1	EPA 8260C	09/27/2024 02:00	09/27/2024 19:21	FO
74-87-3	Chloromethane	ND		ug/L	0.500	1	EPA 8260C	09/27/2024 02:00	09/27/2024 19:21	FO
156-59-2	cis-1,2-Dichloroethylene	ND		ug/L	0.500	1	EPA 8260C	09/27/2024 02:00	09/27/2024 19:21	FO
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.500	1	EPA 8260C	09/27/2024 02:00	09/27/2024 19:21	FO
124-48-1	Dibromochloromethane	ND		ug/L	0.500	1	EPA 8260C	09/27/2024 02:00	09/27/2024 19:21	FO
74-95-3	Dibromomethane	ND		ug/L	0.500	1	EPA 8260C	09/27/2024 02:00	09/27/2024 19:21	FO
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.500	1	EPA 8260C	09/27/2024 02:00	09/27/2024 19:21	FO
100-41-4	Ethyl Benzene	ND		ug/L	0.500	1	EPA 8260C	09/27/2024 02:00	09/27/2024 19:21	FO
87-68-3	Hexachlorobutadiene	ND		ug/L	0.500	1	EPA 8260C	09/27/2024 02:00	09/27/2024 19:21	FO
98-82-8	Isopropylbenzene	ND		ug/L	0.500	1	EPA 8260C	09/27/2024 02:00	09/27/2024 19:21	FO
80-62-6	Methyl Methacrylate	ND		ug/L	0.500	1	EPA 8260C	09/27/2024 02:00	09/27/2024 19:21	FO
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.500	1	EPA 8260C	09/27/2024 02:00	09/27/2024 19:21	FO
75-09-2	Methylene chloride	ND		ug/L	2.00	1	EPA 8260C	09/27/2024 02:00	09/27/2024 19:21	FO
91-20-3	Naphthalene	ND		ug/L	2.00	1	EPA 8260C	09/27/2024 02:00	09/27/2024 19:21	FO
104-51-8	n-Butylbenzene	ND		ug/L	0.500	1	EPA 8260C	09/27/2024 02:00	09/27/2024 19:21	FO
103-65-1	n-Propylbenzene	ND		ug/L	0.500	1	EPA 8260C	09/27/2024 02:00	09/27/2024 19:21	FO
95-47-6	o-Xylene	ND		ug/L	0.500	1	EPA 8260C	09/27/2024 02:00	09/27/2024 19:21	FO
179601-23-1	p- & m- Xylenes	ND		ug/L	1.00	1	EPA 8260C	09/27/2024 02:00	09/27/2024 19:21	FO
99-87-6	p-Isopropyltoluene	ND		ug/L	0.500	1	EPA 8260C	09/27/2024 02:00	09/27/2024 19:21	FO
135-98-8	sec-Butylbenzene	ND		ug/L	0.500	1	EPA 8260C	09/27/2024 02:00	09/27/2024 19:21	FO
100-42-5	Styrene	ND		ug/L	0.500	1	EPA 8260C	09/27/2024 02:00	09/27/2024 19:21	FO
98-06-6	tert-Butylbenzene	ND		ug/L	0.500	1	EPA 8260C	09/27/2024 02:00	09/27/2024 19:21	FO
127-18-4	Tetrachloroethylene	ND	CCVE, ICVE, QL-02	ug/L	0.500	1	EPA 8260C	09/27/2024 02:00	09/27/2024 19:21	FO
109-99-9	Tetrahydrofuran	ND	QL-02	ug/L	4.00	1	EPA 8260C	09/27/2024 02:00	09/27/2024 19:21	FO
108-88-3	Toluene	ND		ug/L	0.500	1	EPA 8260C	09/27/2024 02:00	09/27/2024 19:21	FO
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.500	1	EPA 8260C	09/27/2024 02:00	09/27/2024 19:21	FO
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.500	1	EPA 8260C	09/27/2024 02:00	09/27/2024 19:21	FO
110-57-6	trans-1,4-dichloro-2-butene	ND		ug/L	0.500	1	EPA 8260C	09/27/2024 02:00	09/27/2024 19:21	FO
79-01-6	Trichloroethylene	ND		ug/L	0.500	1	EPA 8260C	09/27/2024 02:00	09/27/2024 19:21	FO
75-69-4	Trichlorofluoromethane	ND		ug/L	0.500	1	EPA 8260C	09/27/2024 02:00	09/27/2024 19:21	FO
75-01-4	Vinyl Chloride	ND		ug/L	0.500	1	EPA 8260C	09/27/2024 02:00	09/27/2024 19:21	FO

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: SURR: 1,2-Dichloroethane-d4*	*100 %*	*70-130*
2037-26-5	*Surrogate: SURR: Toluene-d8*	*105 %*	*70-130*
460-00-4	*Surrogate: SURR: p-Bromofluorobenzene*	*106 %*	*70-130*

Sample Information

Client Sample ID: MW-7D

York Sample ID: 24I1423-09

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24I1423	TE23-007 Region 18	Ground Water	September 21, 2024 1:10 pm	09/24/2024

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	09/26/2024 09:31	09/27/2024 14:34	LL

	Surrogate Recoveries	Result	Acceptance Range
4165-60-0	*Surrogate: SURR: Nitrobenzene-d5*	*97.9 %*	*30-130*
321-60-8	*Surrogate: SURR: 2-Fluorobiphenyl*	*67.4 %*	*30-130*
1718-51-0	*Surrogate: SURR: Terphenyl-d14*	*55.3 %*	*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	09/26/2024 09:31	09/30/2024 14:02	SS
208-96-8	Acenaphthylene	ND		ug/L	0.0500	1	EPA 8270D SIM	09/26/2024 09:31	09/30/2024 14:02	SS
120-12-7	Anthracene	ND		ug/L	0.0500	1	EPA 8270D SIM	09/26/2024 09:31	09/30/2024 14:02	SS
56-55-3	Benzo(a)anthracene	ND		ug/L	0.0500	1	EPA 8270D SIM	09/26/2024 09:31	09/30/2024 14:02	SS
50-32-8	Benzo(a)pyrene	ND		ug/L	0.0500	1	EPA 8270D SIM	09/26/2024 09:31	09/30/2024 14:02	SS
205-99-2	Benzo(b)fluoranthene	ND		ug/L	0.0500	1	EPA 8270D SIM	09/26/2024 09:31	09/30/2024 14:02	SS
191-24-2	Benzo(g,h,i)perylene	ND		ug/L	0.0500	1	EPA 8270D SIM	09/26/2024 09:31	09/30/2024 14:02	SS
207-08-9	Benzo(k)fluoranthene	ND		ug/L	0.0500	1	EPA 8270D SIM	09/26/2024 09:31	09/30/2024 14:02	SS
218-01-9	Chrysene	ND		ug/L	0.0500	1	EPA 8270D SIM	09/26/2024 09:31	09/30/2024 14:02	SS
53-70-3	Dibenzo(a,h)anthracene	ND		ug/L	0.0500	1	EPA 8270D SIM	09/26/2024 09:31	09/30/2024 14:02	SS
206-44-0	Fluoranthene	ND		ug/L	0.0500	1	EPA 8270D SIM	09/26/2024 09:31	09/30/2024 14:02	SS
86-73-7	Fluorene	ND		ug/L	0.0500	1	EPA 8270D SIM	09/26/2024 09:31	09/30/2024 14:02	SS
193-39-5	Indeno(1,2,3-cd)pyrene	ND		ug/L	0.0500	1	EPA 8270D SIM	09/26/2024 09:31	09/30/2024 14:02	SS
91-20-3	Naphthalene	ND		ug/L	0.0500	1	EPA 8270D SIM	09/26/2024 09:31	09/30/2024 14:02	SS
85-01-8	Phenanthrene	ND		ug/L	0.0500	1	EPA 8270D SIM	09/26/2024 09:31	09/30/2024 14:02	SS
129-00-0	Pyrene	ND		ug/L	0.0500	1	EPA 8270D SIM	09/26/2024 09:31	09/30/2024 14:02	SS

Extractable Total Petroleum Hydrocarbons (ETPH)

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA SW846-3510C Low Level

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	09/26/2024 08:21	09/26/2024 18:03	GXB

	Surrogate Recoveries	Result	Acceptance Range
3386-33-2	*Surrogate: 1-Chlorooctadecane*	*30.1 %*	*30-140*

Sample Information

Client Sample ID: MW-8 **York Sample ID:** 24I1423 10

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24I1423	TE23-007 Region 18	Ground Water	September 21, 2024 2:15 pm	09/24/2024

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	09/27/2024 02:00	09/27/2024 19:47	FO
71-55-6	1,1,1-Trichloroethane	ND		ug/L	0.500	1	EPA 8260C	09/27/2024 02:00	09/27/2024 19:47	FO
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.500	1	EPA 8260C	09/27/2024 02:00	09/27/2024 19:47	FO
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/L	0.500	1	EPA 8260C	09/27/2024 02:00	09/27/2024 19:47	FO
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.500	1	EPA 8260C	09/27/2024 02:00	09/27/2024 19:47	FO
75-34-3	1,1-Dichloroethane	ND		ug/L	0.500	1	EPA 8260C	09/27/2024 02:00	09/27/2024 19:47	FO
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.500	1	EPA 8260C	09/27/2024 02:00	09/27/2024 19:47	FO
563-58-6	1,1-Dichloropropylene	ND		ug/L	0.500	1	EPA 8260C	09/27/2024 02:00	09/27/2024 19:47	FO
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	0.500	1	EPA 8260C	09/27/2024 02:00	09/27/2024 19:47	FO
96-18-4	1,2,3-Trichloropropane	ND		ug/L	0.500	1	EPA 8260C	09/27/2024 02:00	09/27/2024 19:47	FO
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.500	1	EPA 8260C	09/27/2024 02:00	09/27/2024 19:47	FO
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	0.500	1	EPA 8260C	09/27/2024 02:00	09/27/2024 19:47	FO
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.500	1	EPA 8260C	09/27/2024 02:00	09/27/2024 19:47	FO
106-93-4	1,2-Dibromoethane	ND		ug/L	0.500	1	EPA 8260C	09/27/2024 02:00	09/27/2024 19:47	FO
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.500	1	EPA 8260C	09/27/2024 02:00	09/27/2024 19:47	FO
107-06-2	1,2-Dichloroethane	ND		ug/L	0.500	1	EPA 8260C	09/27/2024 02:00	09/27/2024 19:47	FO
78-87-5	1,2-Dichloropropane	ND		ug/L	0.500	1	EPA 8260C	09/27/2024 02:00	09/27/2024 19:47	FO
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	0.500	1	EPA 8260C	09/27/2024 02:00	09/27/2024 19:47	FO
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.500	1	EPA 8260C	09/27/2024 02:00	09/27/2024 19:47	FO
142-28-9	1,3-Dichloropropane	ND		ug/L	0.500	1	EPA 8260C	09/27/2024 02:00	09/27/2024 19:47	FO
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.500	1	EPA 8260C	09/27/2024 02:00	09/27/2024 19:47	FO
594-20-7	2,2-Dichloropropane	ND		ug/L	0.500	1	EPA 8260C	09/27/2024 02:00	09/27/2024 19:47	FO
78-93-3	2-Butanone	ND		ug/L	0.500	1	EPA 8260C	09/27/2024 02:00	09/27/2024 19:47	FO
95-49-8	2-Chlorotoluene	ND		ug/L	0.500	1	EPA 8260C	09/27/2024 02:00	09/27/2024 19:47	FO
591-78-6	2-Hexanone	ND		ug/L	0.500	1	EPA 8260C	09/27/2024 02:00	09/27/2024 19:47	FO
106-43-4	4-Chlorotoluene	ND		ug/L	0.500	1	EPA 8260C	09/27/2024 02:00	09/27/2024 19:47	FO
108-10-1	4-Methyl-2-pentanone	ND		ug/L	0.500	1	EPA 8260C	09/27/2024 02:00	09/27/2024 19:47	FO
67-64-1	Acetone	ND		ug/L	2.00	1	EPA 8260C	09/27/2024 02:00	09/27/2024 19:47	FO
107-13-1	Acrylonitrile	ND		ug/L	0.500	1	EPA 8260C	09/27/2024 02:00	09/27/2024 19:47	FO
71-43-2	Benzene	ND		ug/L	0.500	1	EPA 8260C	09/27/2024 02:00	09/27/2024 19:47	FO
108-86-1	Bromobenzene	ND		ug/L	0.500	1	EPA 8260C	09/27/2024 02:00	09/27/2024 19:47	FO
74-97-5	Bromochloromethane	ND		ug/L	0.500	1	EPA 8260C	09/27/2024 02:00	09/27/2024 19:47	FO
75-27-4	Bromodichloromethane	ND		ug/L	0.500	1	EPA 8260C	09/27/2024 02:00	09/27/2024 19:47	FO
75-25-2	Bromoform	ND		ug/L	0.500	1	EPA 8260C	09/27/2024 02:00	09/27/2024 19:47	FO
74-83-9	Bromomethane	ND		ug/L	0.500	1	EPA 8260C	09/27/2024 02:00	09/27/2024 19:47	FO
75-15-0	Carbon disulfide	ND		ug/L	0.500	1	EPA 8260C	09/27/2024 02:00	09/27/2024 19:47	FO
56-23-5	Carbon tetrachloride	ND		ug/L	0.500	1	EPA 8260C	09/27/2024 02:00	09/27/2024 19:47	FO

Sample Information

Client Sample ID: MW-8 **York Sample ID:** 24I1423 10

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24I1423	TE23-007 Region 18	Ground Water	September 21, 2024 2:15 pm	09/24/2024

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
108 90 7	Chlorobenzene	ND		ug/L	0 500	1	EPA 8260C	09/27/2024 02:00	09/27/2024 19:47	FO
75-00-3	Chloroethane	ND		ug/L	0.500	1	EPA 8260C	09/27/2024 02:00	09/27/2024 19:47	FO
67 66 3	Chloroform	ND		ug/L	0 500	1	EPA 8260C	09/27/2024 02:00	09/27/2024 19:47	FO
74-87-3	Chloromethane	ND		ug/L	0.500	1	EPA 8260C	09/27/2024 02:00	09/27/2024 19:47	FO
156-59-2	cis-1,2-Dichloroethylene	ND		ug/L	0.500	1	EPA 8260C	09/27/2024 02:00	09/27/2024 19:47	FO
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.500	1	EPA 8260C	09/27/2024 02:00	09/27/2024 19:47	FO
124-48-1	Dibromochloromethane	ND		ug/L	0.500	1	EPA 8260C	09/27/2024 02:00	09/27/2024 19:47	FO
74-95-3	Dibromomethane	ND		ug/L	0.500	1	EPA 8260C	09/27/2024 02:00	09/27/2024 19:47	FO
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.500	1	EPA 8260C	09/27/2024 02:00	09/27/2024 19:47	FO
100-41-4	Ethyl Benzene	ND		ug/L	0.500	1	EPA 8260C	09/27/2024 02:00	09/27/2024 19:47	FO
87-68-3	Hexachlorobutadiene	ND		ug/L	0.500	1	EPA 8260C	09/27/2024 02:00	09/27/2024 19:47	FO
98-82-8	Isopropylbenzene	ND		ug/L	0.500	1	EPA 8260C	09/27/2024 02:00	09/27/2024 19:47	FO
80-62-6	Methyl Methacrylate	ND		ug/L	0.500	1	EPA 8260C	09/27/2024 02:00	09/27/2024 19:47	FO
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.500	1	EPA 8260C	09/27/2024 02:00	09/27/2024 19:47	FO
75-09-2	Methylene chloride	ND		ug/L	2.00	1	EPA 8260C	09/27/2024 02:00	09/27/2024 19:47	FO
91-20-3	Naphthalene	ND		ug/L	2.00	1	EPA 8260C	09/27/2024 02:00	09/27/2024 19:47	FO
104-51-8	n-Butylbenzene	ND		ug/L	0.500	1	EPA 8260C	09/27/2024 02:00	09/27/2024 19:47	FO
103-65-1	n-Propylbenzene	ND		ug/L	0.500	1	EPA 8260C	09/27/2024 02:00	09/27/2024 19:47	FO
95-47-6	o-Xylene	ND		ug/L	0.500	1	EPA 8260C	09/27/2024 02:00	09/27/2024 19:47	FO
179601-23-1	p- & m- Xylenes	ND		ug/L	1.00	1	EPA 8260C	09/27/2024 02:00	09/27/2024 19:47	FO
99-87-6	p-Isopropyltoluene	ND		ug/L	0.500	1	EPA 8260C	09/27/2024 02:00	09/27/2024 19:47	FO
135-98-8	sec-Butylbenzene	ND		ug/L	0.500	1	EPA 8260C	09/27/2024 02:00	09/27/2024 19:47	FO
100-42-5	Styrene	ND		ug/L	0.500	1	EPA 8260C	09/27/2024 02:00	09/27/2024 19:47	FO
98-06-6	tert-Butylbenzene	ND		ug/L	0.500	1	EPA 8260C	09/27/2024 02:00	09/27/2024 19:47	FO
127-18-4	Tetrachloroethylene	ND	CCVE, ICVE, QL-02	ug/L	0.500	1	EPA 8260C	09/27/2024 02:00	09/27/2024 19:47	FO
109-99-9	Tetrahydrofuran	ND	QL-02	ug/L	4.00	1	EPA 8260C	09/27/2024 02:00	09/27/2024 19:47	FO
108-88-3	Toluene	ND		ug/L	0.500	1	EPA 8260C	09/27/2024 02:00	09/27/2024 19:47	FO
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.500	1	EPA 8260C	09/27/2024 02:00	09/27/2024 19:47	FO
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.500	1	EPA 8260C	09/27/2024 02:00	09/27/2024 19:47	FO
110-57-6	trans-1,4-dichloro-2-butene	ND		ug/L	0.500	1	EPA 8260C	09/27/2024 02:00	09/27/2024 19:47	FO
79-01-6	Trichloroethylene	ND		ug/L	0.500	1	EPA 8260C	09/27/2024 02:00	09/27/2024 19:47	FO
75-69-4	Trichlorofluoromethane	ND		ug/L	0.500	1	EPA 8260C	09/27/2024 02:00	09/27/2024 19:47	FO
75-01-4	Vinyl Chloride	ND		ug/L	0.500	1	EPA 8260C	09/27/2024 02:00	09/27/2024 19:47	FO

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: SURR: 1,2-Dichloroethane-d4*	*97.7 %*	*70-130*
2037-26-5	*Surrogate: SURR: Toluene-d8*	*105 %*	*70-130*
460-00-4	*Surrogate: SURR: p-Bromofluorobenzene*	*107 %*	*70-130*

Sample Information

Client Sample ID: MW-8 **York Sample ID:** 24I1423-10

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24I1423	TE23-007 Region 18	Ground Water	September 21, 2024 2:15 pm	09/24/2024

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	09/26/2024 09:31	09/27/2024 15:09	LL

	Surrogate Recoveries	Result	Acceptance Range
4165-60-0	*Surrogate: SURR: Nitrobenzene-d5*	*71.7 %*	*30-130*
321-60-8	*Surrogate: SURR: 2-Fluorobiphenyl*	*53.0 %*	*30-130*
1718-51-0	*Surrogate: SURR: Terphenyl-d14*	*50.8 %*	*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	09/26/2024 09:31	09/30/2024 14:31	SS
208-96-8	Acenaphthylene	ND		ug/L	0.0500	1	EPA 8270D SIM	09/26/2024 09:31	09/30/2024 14:31	SS
120-12-7	Anthracene	ND		ug/L	0.0500	1	EPA 8270D SIM	09/26/2024 09:31	09/30/2024 14:31	SS
56-55-3	Benzo(a)anthracene	ND		ug/L	0.0500	1	EPA 8270D SIM	09/26/2024 09:31	09/30/2024 14:31	SS
50-32-8	Benzo(a)pyrene	ND		ug/L	0.0500	1	EPA 8270D SIM	09/26/2024 09:31	09/30/2024 14:31	SS
205-99-2	Benzo(b)fluoranthene	ND		ug/L	0.0500	1	EPA 8270D SIM	09/26/2024 09:31	09/30/2024 14:31	SS
191-24-2	Benzo(g,h,i)perylene	ND		ug/L	0.0500	1	EPA 8270D SIM	09/26/2024 09:31	09/30/2024 14:31	SS
207-08-9	Benzo(k)fluoranthene	ND		ug/L	0.0500	1	EPA 8270D SIM	09/26/2024 09:31	09/30/2024 14:31	SS
218-01-9	Chrysene	ND		ug/L	0.0500	1	EPA 8270D SIM	09/26/2024 09:31	09/30/2024 14:31	SS
53-70-3	Dibenzo(a,h)anthracene	ND		ug/L	0.0500	1	EPA 8270D SIM	09/26/2024 09:31	09/30/2024 14:31	SS
206-44-0	Fluoranthene	ND		ug/L	0.0500	1	EPA 8270D SIM	09/26/2024 09:31	09/30/2024 14:31	SS
86-73-7	Fluorene	ND		ug/L	0.0500	1	EPA 8270D SIM	09/26/2024 09:31	09/30/2024 14:31	SS
193-39-5	Indeno(1,2,3-cd)pyrene	ND		ug/L	0.0500	1	EPA 8270D SIM	09/26/2024 09:31	09/30/2024 14:31	SS
91-20-3	Naphthalene	ND		ug/L	0.0500	1	EPA 8270D SIM	09/26/2024 09:31	09/30/2024 14:31	SS
85-01-8	Phenanthrene	ND		ug/L	0.0500	1	EPA 8270D SIM	09/26/2024 09:31	09/30/2024 14:31	SS
129-00-0	Pyrene	ND		ug/L	0.0500	1	EPA 8270D SIM	09/26/2024 09:31	09/30/2024 14:31	SS

Extractable Total Petroleum Hydrocarbons (ETPH)

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

Sample Prepared by Method: EPA SW846-3510C Low Level

CAS No.	Parameter	Result	Flag	Units	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
CT ETPH	**ETPH (Extractable Total Petroleum Hydrocarbons)**	**0.176**		mg/L	0.150	1	CT DEP ETPH	09/26/2024 08:21	09/26/2024 18:41	GXB

	Surrogate Recoveries	Result	Acceptance Range
3386-33-2	*Surrogate: 1-Chlorooctadecane*	*55.8 %*	*30-140*

Sample Information

Client Sample ID: MW-9 **York Sample ID:** 24I1423 11

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24I1423	TE23-007 Region 18	Ground Water	September 21, 2024 11:35 am	09/24/2024

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	09/27/2024 02:00	09/27/2024 20:14	FO
71-55-6	1,1,1-Trichloroethane	ND		ug/L	0.500	1	EPA 8260C	09/27/2024 02:00	09/27/2024 20:14	FO
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.500	1	EPA 8260C	09/27/2024 02:00	09/27/2024 20:14	FO
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/L	0.500	1	EPA 8260C	09/27/2024 02:00	09/27/2024 20:14	FO
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.500	1	EPA 8260C	09/27/2024 02:00	09/27/2024 20:14	FO
75-34-3	1,1-Dichloroethane	ND		ug/L	0.500	1	EPA 8260C	09/27/2024 02:00	09/27/2024 20:14	FO
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.500	1	EPA 8260C	09/27/2024 02:00	09/27/2024 20:14	FO
563-58-6	1,1-Dichloropropylene	ND		ug/L	0.500	1	EPA 8260C	09/27/2024 02:00	09/27/2024 20:14	FO
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	0.500	1	EPA 8260C	09/27/2024 02:00	09/27/2024 20:14	FO
96-18-4	1,2,3-Trichloropropane	ND		ug/L	0.500	1	EPA 8260C	09/27/2024 02:00	09/27/2024 20:14	FO
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.500	1	EPA 8260C	09/27/2024 02:00	09/27/2024 20:14	FO
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	0.500	1	EPA 8260C	09/27/2024 02:00	09/27/2024 20:14	FO
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.500	1	EPA 8260C	09/27/2024 02:00	09/27/2024 20:14	FO
106-93-4	1,2-Dibromoethane	ND		ug/L	0.500	1	EPA 8260C	09/27/2024 02:00	09/27/2024 20:14	FO
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.500	1	EPA 8260C	09/27/2024 02:00	09/27/2024 20:14	FO
107-06-2	1,2-Dichloroethane	ND		ug/L	0.500	1	EPA 8260C	09/27/2024 02:00	09/27/2024 20:14	FO
78-87-5	1,2-Dichloropropane	ND		ug/L	0.500	1	EPA 8260C	09/27/2024 02:00	09/27/2024 20:14	FO
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	0.500	1	EPA 8260C	09/27/2024 02:00	09/27/2024 20:14	FO
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.500	1	EPA 8260C	09/27/2024 02:00	09/27/2024 20:14	FO
142-28-9	1,3-Dichloropropane	ND		ug/L	0.500	1	EPA 8260C	09/27/2024 02:00	09/27/2024 20:14	FO
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.500	1	EPA 8260C	09/27/2024 02:00	09/27/2024 20:14	FO
594-20-7	2,2-Dichloropropane	ND		ug/L	0.500	1	EPA 8260C	09/27/2024 02:00	09/27/2024 20:14	FO
78-93-3	2-Butanone	ND		ug/L	0.500	1	EPA 8260C	09/27/2024 02:00	09/27/2024 20:14	FO
95-49-8	2-Chlorotoluene	ND		ug/L	0.500	1	EPA 8260C	09/27/2024 02:00	09/27/2024 20:14	FO
591-78-6	2-Hexanone	ND		ug/L	0.500	1	EPA 8260C	09/27/2024 02:00	09/27/2024 20:14	FO
106-43-4	4-Chlorotoluene	ND		ug/L	0.500	1	EPA 8260C	09/27/2024 02:00	09/27/2024 20:14	FO
108-10-1	4-Methyl-2-pentanone	ND		ug/L	0.500	1	EPA 8260C	09/27/2024 02:00	09/27/2024 20:14	FO
67-64-1	Acetone	ND		ug/L	2.00	1	EPA 8260C	09/27/2024 02:00	09/27/2024 20:14	FO
107-13-1	Acrylonitrile	ND		ug/L	0.500	1	EPA 8260C	09/27/2024 02:00	09/27/2024 20:14	FO
71-43-2	Benzene	ND		ug/L	0.500	1	EPA 8260C	09/27/2024 02:00	09/27/2024 20:14	FO
108-86-1	Bromobenzene	ND		ug/L	0.500	1	EPA 8260C	09/27/2024 02:00	09/27/2024 20:14	FO
74-97-5	Bromochloromethane	ND		ug/L	0.500	1	EPA 8260C	09/27/2024 02:00	09/27/2024 20:14	FO
75-27-4	Bromodichloromethane	ND		ug/L	0.500	1	EPA 8260C	09/27/2024 02:00	09/27/2024 20:14	FO
75-25-2	Bromoform	ND		ug/L	0.500	1	EPA 8260C	09/27/2024 02:00	09/27/2024 20:14	FO
74-83-9	Bromomethane	ND		ug/L	0.500	1	EPA 8260C	09/27/2024 02:00	09/27/2024 20:14	FO
75-15-0	Carbon disulfide	ND		ug/L	0.500	1	EPA 8260C	09/27/2024 02:00	09/27/2024 20:14	FO
56-23-5	Carbon tetrachloride	ND		ug/L	0.500	1	EPA 8260C	09/27/2024 02:00	09/27/2024 20:14	FO

Sample Information

Client Sample ID: MW-9 **York Sample ID:** 24I1423 11

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24I1423	TE23-007 Region 18	Ground Water	September 21, 2024 11:35 am	09/24/2024

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
108 90 7	Chlorobenzene	ND		ug/L	0 500	1	EPA 8260C	09/27/2024 02:00	09/27/2024 20:14	FO
75-00-3	Chloroethane	ND		ug/L	0.500	1	EPA 8260C	09/27/2024 02:00	09/27/2024 20:14	FO
67 66 3	Chloroform	ND		ug/L	0 500	1	EPA 8260C	09/27/2024 02:00	09/27/2024 20:14	FO
74-87-3	Chloromethane	ND		ug/L	0.500	1	EPA 8260C	09/27/2024 02:00	09/27/2024 20:14	FO
156-59-2	cis-1,2-Dichloroethylene	ND		ug/L	0.500	1	EPA 8260C	09/27/2024 02:00	09/27/2024 20:14	FO
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.500	1	EPA 8260C	09/27/2024 02:00	09/27/2024 20:14	FO
124-48-1	Dibromochloromethane	ND		ug/L	0.500	1	EPA 8260C	09/27/2024 02:00	09/27/2024 20:14	FO
74-95-3	Dibromomethane	ND		ug/L	0.500	1	EPA 8260C	09/27/2024 02:00	09/27/2024 20:14	FO
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.500	1	EPA 8260C	09/27/2024 02:00	09/27/2024 20:14	FO
100-41-4	Ethyl Benzene	ND		ug/L	0.500	1	EPA 8260C	09/27/2024 02:00	09/27/2024 20:14	FO
87-68-3	Hexachlorobutadiene	ND		ug/L	0.500	1	EPA 8260C	09/27/2024 02:00	09/27/2024 20:14	FO
98-82-8	Isopropylbenzene	ND		ug/L	0.500	1	EPA 8260C	09/27/2024 02:00	09/27/2024 20:14	FO
80-62-6	Methyl Methacrylate	ND		ug/L	0.500	1	EPA 8260C	09/27/2024 02:00	09/27/2024 20:14	FO
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.500	1	EPA 8260C	09/27/2024 02:00	09/27/2024 20:14	FO
75-09-2	Methylene chloride	ND		ug/L	2.00	1	EPA 8260C	09/27/2024 02:00	09/27/2024 20:14	FO
91-20-3	Naphthalene	ND		ug/L	2.00	1	EPA 8260C	09/27/2024 02:00	09/27/2024 20:14	FO
104-51-8	n-Butylbenzene	ND		ug/L	0.500	1	EPA 8260C	09/27/2024 02:00	09/27/2024 20:14	FO
103-65-1	n-Propylbenzene	ND		ug/L	0.500	1	EPA 8260C	09/27/2024 02:00	09/27/2024 20:14	FO
95-47-6	o-Xylene	ND		ug/L	0.500	1	EPA 8260C	09/27/2024 02:00	09/27/2024 20:14	FO
179601-23-1	p- & m- Xylenes	ND		ug/L	1.00	1	EPA 8260C	09/27/2024 02:00	09/27/2024 20:14	FO
99-87-6	p-Isopropyltoluene	ND		ug/L	0.500	1	EPA 8260C	09/27/2024 02:00	09/27/2024 20:14	FO
135-98-8	sec-Butylbenzene	ND		ug/L	0.500	1	EPA 8260C	09/27/2024 02:00	09/27/2024 20:14	FO
100-42-5	Styrene	ND		ug/L	0.500	1	EPA 8260C	09/27/2024 02:00	09/27/2024 20:14	FO
98-06-6	tert-Butylbenzene	ND		ug/L	0.500	1	EPA 8260C	09/27/2024 02:00	09/27/2024 20:14	FO
127-18-4	Tetrachloroethylene	ND	CCVE, ICVE, QL-02	ug/L	0.500	1	EPA 8260C	09/27/2024 02:00	09/27/2024 20:14	FO
109-99-9	Tetrahydrofuran	ND	QL-02	ug/L	4.00	1	EPA 8260C	09/27/2024 02:00	09/27/2024 20:14	FO
108-88-3	Toluene	ND		ug/L	0.500	1	EPA 8260C	09/27/2024 02:00	09/27/2024 20:14	FO
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.500	1	EPA 8260C	09/27/2024 02:00	09/27/2024 20:14	FO
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.500	1	EPA 8260C	09/27/2024 02:00	09/27/2024 20:14	FO
110-57-6	trans-1,4-dichloro-2-butene	ND		ug/L	0.500	1	EPA 8260C	09/27/2024 02:00	09/27/2024 20:14	FO
79-01-6	Trichloroethylene	ND		ug/L	0.500	1	EPA 8260C	09/27/2024 02:00	09/27/2024 20:14	FO
75-69-4	Trichlorofluoromethane	ND		ug/L	0.500	1	EPA 8260C	09/27/2024 02:00	09/27/2024 20:14	FO
75-01-4	Vinyl Chloride	ND		ug/L	0.500	1	EPA 8260C	09/27/2024 02:00	09/27/2024 20:14	FO

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: SURR: 1,2-Dichloroethane-d4*	*102 %*	*70-130*
2037-26-5	*Surrogate: SURR: Toluene-d8*	*104 %*	*70-130*
460-00-4	*Surrogate: SURR: p-Bromofluorobenzene*	*105 %*	*70-130*

Sample Information

Client Sample ID: MW-9 **York Sample ID:** 24I1423-11

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24I1423	TE23-007 Region 18	Ground Water	September 21, 2024 11:35 am	09/24/2024

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	09/26/2024 09:31	09/27/2024 15:43	LL
	Surrogate Recoveries	**Result**			**Acceptance Range**					
4165-60-0	*Surrogate: SURR: Nitrobenzene-d5*	*36.1 %*			*30-130*					
321-60-8	*Surrogate: SURR: 2-Fluorobiphenyl*	*25.8 %*	S-08		*30-130*					
1718-51-0	*Surrogate: SURR: Terphenyl-d14*	*37.8 %*			*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	09/26/2024 09:31	09/30/2024 15:00	SS
208-96-8	Acenaphthylene	ND		ug/L	0.0500	1	EPA 8270D SIM	09/26/2024 09:31	09/30/2024 15:00	SS
120-12-7	Anthracene	ND		ug/L	0.0500	1	EPA 8270D SIM	09/26/2024 09:31	09/30/2024 15:00	SS
56-55-3	Benzo(a)anthracene	ND		ug/L	0.0500	1	EPA 8270D SIM	09/26/2024 09:31	09/30/2024 15:00	SS
50-32-8	Benzo(a)pyrene	ND		ug/L	0.0500	1	EPA 8270D SIM	09/26/2024 09:31	09/30/2024 15:00	SS
205-99-2	Benzo(b)fluoranthene	ND		ug/L	0.0500	1	EPA 8270D SIM	09/26/2024 09:31	09/30/2024 15:00	SS
191-24-2	Benzo(g,h,i)perylene	ND		ug/L	0.0500	1	EPA 8270D SIM	09/26/2024 09:31	09/30/2024 15:00	SS
207-08-9	Benzo(k)fluoranthene	ND		ug/L	0.0500	1	EPA 8270D SIM	09/26/2024 09:31	09/30/2024 15:00	SS
218-01-9	Chrysene	ND		ug/L	0.0500	1	EPA 8270D SIM	09/26/2024 09:31	09/30/2024 15:00	SS
53-70-3	Dibenzo(a,h)anthracene	ND		ug/L	0.0500	1	EPA 8270D SIM	09/26/2024 09:31	09/30/2024 15:00	SS
206-44-0	Fluoranthene	ND		ug/L	0.0500	1	EPA 8270D SIM	09/26/2024 09:31	09/30/2024 15:00	SS
86-73-7	Fluorene	ND		ug/L	0.0500	1	EPA 8270D SIM	09/26/2024 09:31	09/30/2024 15:00	SS
193-39-5	Indeno(1,2,3-cd)pyrene	ND		ug/L	0.0500	1	EPA 8270D SIM	09/26/2024 09:31	09/30/2024 15:00	SS
91-20-3	Naphthalene	ND		ug/L	0.0500	1	EPA 8270D SIM	09/26/2024 09:31	09/30/2024 15:00	SS
85-01-8	Phenanthrene	ND		ug/L	0.0500	1	EPA 8270D SIM	09/26/2024 09:31	09/30/2024 15:00	SS
129-00-0	Pyrene	ND		ug/L	0.0500	1	EPA 8270D SIM	09/26/2024 09:31	09/30/2024 15:00	SS

Extractable Total Petroleum Hydrocarbons (ETPH)

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

Sample Prepared by Method: EPA SW846-3510C Low Level

CAS No.	Parameter	Result	Flag	Units	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
CT ETPH	**ETPH (Extractable Total Petroleum Hydrocarbons)**	**0.195**		mg/L	0.150	1	CT DEP ETPH	09/26/2024 08:21	09/26/2024 19:19	GXB
	Surrogate Recoveries	**Result**			**Acceptance Range**					
3386-33-2	*Surrogate: 1-Chlorooctadecane*	*57.9 %*			*30-140*					

Sample Information

Client Sample ID: MW-10 **York Sample ID:** 24I1423 12

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24I1423	TE23-007 Region 18	Ground Water	September 21, 2024 2:05 pm	09/24/2024

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	09/27/2024 02:00	09/27/2024 20:40	FO
71-55-6	1,1,1-Trichloroethane	ND		ug/L	0.500	1	EPA 8260C	09/27/2024 02:00	09/27/2024 20:40	FO
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.500	1	EPA 8260C	09/27/2024 02:00	09/27/2024 20:40	FO
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/L	0.500	1	EPA 8260C	09/27/2024 02:00	09/27/2024 20:40	FO
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.500	1	EPA 8260C	09/27/2024 02:00	09/27/2024 20:40	FO
75-34-3	1,1-Dichloroethane	ND		ug/L	0.500	1	EPA 8260C	09/27/2024 02:00	09/27/2024 20:40	FO
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.500	1	EPA 8260C	09/27/2024 02:00	09/27/2024 20:40	FO
563-58-6	1,1-Dichloropropylene	ND		ug/L	0.500	1	EPA 8260C	09/27/2024 02:00	09/27/2024 20:40	FO
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	0.500	1	EPA 8260C	09/27/2024 02:00	09/27/2024 20:40	FO
96-18-4	1,2,3-Trichloropropane	ND		ug/L	0.500	1	EPA 8260C	09/27/2024 02:00	09/27/2024 20:40	FO
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.500	1	EPA 8260C	09/27/2024 02:00	09/27/2024 20:40	FO
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	0.500	1	EPA 8260C	09/27/2024 02:00	09/27/2024 20:40	FO
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.500	1	EPA 8260C	09/27/2024 02:00	09/27/2024 20:40	FO
106-93-4	1,2-Dibromoethane	ND		ug/L	0.500	1	EPA 8260C	09/27/2024 02:00	09/27/2024 20:40	FO
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.500	1	EPA 8260C	09/27/2024 02:00	09/27/2024 20:40	FO
107-06-2	1,2-Dichloroethane	ND		ug/L	0.500	1	EPA 8260C	09/27/2024 02:00	09/27/2024 20:40	FO
78-87-5	1,2-Dichloropropane	ND		ug/L	0.500	1	EPA 8260C	09/27/2024 02:00	09/27/2024 20:40	FO
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	0.500	1	EPA 8260C	09/27/2024 02:00	09/27/2024 20:40	FO
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.500	1	EPA 8260C	09/27/2024 02:00	09/27/2024 20:40	FO
142-28-9	1,3-Dichloropropane	ND		ug/L	0.500	1	EPA 8260C	09/27/2024 02:00	09/27/2024 20:40	FO
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.500	1	EPA 8260C	09/27/2024 02:00	09/27/2024 20:40	FO
594-20-7	2,2-Dichloropropane	ND		ug/L	0.500	1	EPA 8260C	09/27/2024 02:00	09/27/2024 20:40	FO
78-93-3	2-Butanone	ND		ug/L	0.500	1	EPA 8260C	09/27/2024 02:00	09/27/2024 20:40	FO
95-49-8	2-Chlorotoluene	ND		ug/L	0.500	1	EPA 8260C	09/27/2024 02:00	09/27/2024 20:40	FO
591-78-6	2-Hexanone	ND		ug/L	0.500	1	EPA 8260C	09/27/2024 02:00	09/27/2024 20:40	FO
106-43-4	4-Chlorotoluene	ND		ug/L	0.500	1	EPA 8260C	09/27/2024 02:00	09/27/2024 20:40	FO
108-10-1	4-Methyl-2-pentanone	ND		ug/L	0.500	1	EPA 8260C	09/27/2024 02:00	09/27/2024 20:40	FO
67-64-1	Acetone	ND		ug/L	2.00	1	EPA 8260C	09/27/2024 02:00	09/27/2024 20:40	FO
107-13-1	Acrylonitrile	ND		ug/L	0.500	1	EPA 8260C	09/27/2024 02:00	09/27/2024 20:40	FO
71-43-2	Benzene	ND		ug/L	0.500	1	EPA 8260C	09/27/2024 02:00	09/27/2024 20:40	FO
108-86-1	Bromobenzene	ND		ug/L	0.500	1	EPA 8260C	09/27/2024 02:00	09/27/2024 20:40	FO
74-97-5	Bromochloromethane	ND		ug/L	0.500	1	EPA 8260C	09/27/2024 02:00	09/27/2024 20:40	FO
75-27-4	Bromodichloromethane	ND		ug/L	0.500	1	EPA 8260C	09/27/2024 02:00	09/27/2024 20:40	FO
75-25-2	Bromoform	ND		ug/L	0.500	1	EPA 8260C	09/27/2024 02:00	09/27/2024 20:40	FO
74-83-9	Bromomethane	ND		ug/L	0.500	1	EPA 8260C	09/27/2024 02:00	09/27/2024 20:40	FO
75-15-0	Carbon disulfide	ND		ug/L	0.500	1	EPA 8260C	09/27/2024 02:00	09/27/2024 20:40	FO
56-23-5	Carbon tetrachloride	ND		ug/L	0.500	1	EPA 8260C	09/27/2024 02:00	09/27/2024 20:40	FO

Sample Information

Client Sample ID: MW-10 **York Sample ID:** 24I1423 12

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24I1423	TE23-007 Region 18	Ground Water	September 21, 2024 2:05 pm	09/24/2024

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
108 90 7	Chlorobenzene	ND		ug/L	0 500	1	EPA 8260C	09/27/2024 02:00	09/27/2024 20:40	FO
75-00-3	Chloroethane	ND		ug/L	0.500	1	EPA 8260C	09/27/2024 02:00	09/27/2024 20:40	FO
67 66 3	Chloroform	ND		ug/L	0 500	1	EPA 8260C	09/27/2024 02:00	09/27/2024 20:40	FO
74-87-3	Chloromethane	ND		ug/L	0.500	1	EPA 8260C	09/27/2024 02:00	09/27/2024 20:40	FO
156-59-2	cis-1,2-Dichloroethylene	ND		ug/L	0.500	1	EPA 8260C	09/27/2024 02:00	09/27/2024 20:40	FO
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.500	1	EPA 8260C	09/27/2024 02:00	09/27/2024 20:40	FO
124-48-1	Dibromochloromethane	ND		ug/L	0.500	1	EPA 8260C	09/27/2024 02:00	09/27/2024 20:40	FO
74-95-3	Dibromomethane	ND		ug/L	0.500	1	EPA 8260C	09/27/2024 02:00	09/27/2024 20:40	FO
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.500	1	EPA 8260C	09/27/2024 02:00	09/27/2024 20:40	FO
100-41-4	Ethyl Benzene	ND		ug/L	0.500	1	EPA 8260C	09/27/2024 02:00	09/27/2024 20:40	FO
87-68-3	Hexachlorobutadiene	ND		ug/L	0.500	1	EPA 8260C	09/27/2024 02:00	09/27/2024 20:40	FO
98-82-8	Isopropylbenzene	ND		ug/L	0.500	1	EPA 8260C	09/27/2024 02:00	09/27/2024 20:40	FO
80-62-6	Methyl Methacrylate	ND		ug/L	0.500	1	EPA 8260C	09/27/2024 02:00	09/27/2024 20:40	FO
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.500	1	EPA 8260C	09/27/2024 02:00	09/27/2024 20:40	FO
75-09-2	Methylene chloride	ND		ug/L	2.00	1	EPA 8260C	09/27/2024 02:00	09/27/2024 20:40	FO
91-20-3	Naphthalene	ND		ug/L	2.00	1	EPA 8260C	09/27/2024 02:00	09/27/2024 20:40	FO
104-51-8	n-Butylbenzene	ND		ug/L	0.500	1	EPA 8260C	09/27/2024 02:00	09/27/2024 20:40	FO
103-65-1	n-Propylbenzene	ND		ug/L	0.500	1	EPA 8260C	09/27/2024 02:00	09/27/2024 20:40	FO
95-47-6	o-Xylene	ND		ug/L	0.500	1	EPA 8260C	09/27/2024 02:00	09/27/2024 20:40	FO
179601-23-1	p- & m- Xylenes	ND		ug/L	1.00	1	EPA 8260C	09/27/2024 02:00	09/27/2024 20:40	FO
99-87-6	p-Isopropyltoluene	ND		ug/L	0.500	1	EPA 8260C	09/27/2024 02:00	09/27/2024 20:40	FO
135-98-8	sec-Butylbenzene	ND		ug/L	0.500	1	EPA 8260C	09/27/2024 02:00	09/27/2024 20:40	FO
100-42-5	Styrene	ND		ug/L	0.500	1	EPA 8260C	09/27/2024 02:00	09/27/2024 20:40	FO
98-06-6	tert-Butylbenzene	ND		ug/L	0.500	1	EPA 8260C	09/27/2024 02:00	09/27/2024 20:40	FO
127-18-4	Tetrachloroethylene	ND	CCVE, ICVE, QL-02	ug/L	0.500	1	EPA 8260C	09/27/2024 02:00	09/27/2024 20:40	FO
109-99-9	Tetrahydrofuran	ND	QL-02	ug/L	4.00	1	EPA 8260C	09/27/2024 02:00	09/27/2024 20:40	FO
108-88-3	Toluene	ND		ug/L	0.500	1	EPA 8260C	09/27/2024 02:00	09/27/2024 20:40	FO
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.500	1	EPA 8260C	09/27/2024 02:00	09/27/2024 20:40	FO
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.500	1	EPA 8260C	09/27/2024 02:00	09/27/2024 20:40	FO
110-57-6	trans-1,4-dichloro-2-butene	ND		ug/L	0.500	1	EPA 8260C	09/27/2024 02:00	09/27/2024 20:40	FO
79-01-6	Trichloroethylene	ND		ug/L	0.500	1	EPA 8260C	09/27/2024 02:00	09/27/2024 20:40	FO
75-69-4	Trichlorofluoromethane	ND		ug/L	0.500	1	EPA 8260C	09/27/2024 02:00	09/27/2024 20:40	FO
75-01-4	Vinyl Chloride	ND		ug/L	0.500	1	EPA 8260C	09/27/2024 02:00	09/27/2024 20:40	FO

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: SURR: 1,2-Dichloroethane-d4*	*99.8 %*	*70-130*
2037-26-5	*Surrogate: SURR: Toluene-d8*	*106 %*	*70-130*
460-00-4	*Surrogate: SURR: p-Bromofluorobenzene*	*105 %*	*70-130*

Sample Information

Client Sample ID: MW-10 **York Sample ID:** 24I1423-12

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24I1423	TE23-007 Region 18	Ground Water	September 21, 2024 2:05 pm	09/24/2024

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	09/26/2024 09:31	09/27/2024 16:19	LL

	Surrogate Recoveries	Result	Acceptance Range
4165-60-0	*Surrogate: SURR: Nitrobenzene-d5*	*74.4 %*	*30-130*
321-60-8	*Surrogate: SURR: 2-Fluorobiphenyl*	*51.4 %*	*30-130*
1718-51-0	*Surrogate: SURR: Terphenyl-d14*	*57.8 %*	*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	09/26/2024 09:31	09/30/2024 15:30	SS
208-96-8	Acenaphthylene	ND		ug/L	0.0500	1	EPA 8270D SIM	09/26/2024 09:31	09/30/2024 15:30	SS
120-12-7	Anthracene	ND		ug/L	0.0500	1	EPA 8270D SIM	09/26/2024 09:31	09/30/2024 15:30	SS
56-55-3	Benzo(a)anthracene	ND		ug/L	0.0500	1	EPA 8270D SIM	09/26/2024 09:31	09/30/2024 15:30	SS
50-32-8	Benzo(a)pyrene	ND		ug/L	0.0500	1	EPA 8270D SIM	09/26/2024 09:31	09/30/2024 15:30	SS
205-99-2	Benzo(b)fluoranthene	ND		ug/L	0.0500	1	EPA 8270D SIM	09/26/2024 09:31	09/30/2024 15:30	SS
191-24-2	Benzo(g,h,i)perylene	ND		ug/L	0.0500	1	EPA 8270D SIM	09/26/2024 09:31	09/30/2024 15:30	SS
207-08-9	Benzo(k)fluoranthene	ND		ug/L	0.0500	1	EPA 8270D SIM	09/26/2024 09:31	09/30/2024 15:30	SS
218-01-9	Chrysene	ND		ug/L	0.0500	1	EPA 8270D SIM	09/26/2024 09:31	09/30/2024 15:30	SS
53-70-3	Dibenzo(a,h)anthracene	ND		ug/L	0.0500	1	EPA 8270D SIM	09/26/2024 09:31	09/30/2024 15:30	SS
206-44-0	Fluoranthene	ND		ug/L	0.0500	1	EPA 8270D SIM	09/26/2024 09:31	09/30/2024 15:30	SS
86-73-7	Fluorene	ND		ug/L	0.0500	1	EPA 8270D SIM	09/26/2024 09:31	09/30/2024 15:30	SS
193-39-5	Indeno(1,2,3-cd)pyrene	ND		ug/L	0.0500	1	EPA 8270D SIM	09/26/2024 09:31	09/30/2024 15:30	SS
91-20-3	Naphthalene	ND		ug/L	0.0500	1	EPA 8270D SIM	09/26/2024 09:31	09/30/2024 15:30	SS
85-01-8	Phenanthrene	ND		ug/L	0.0500	1	EPA 8270D SIM	09/26/2024 09:31	09/30/2024 15:30	SS
129-00-0	Pyrene	ND		ug/L	0.0500	1	EPA 8270D SIM	09/26/2024 09:31	09/30/2024 15:30	SS

Extractable Total Petroleum Hydrocarbons (ETPH)

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

Sample Prepared by Method: EPA SW846-3510C Low Level

CAS No.	Parameter	Result	Flag	Units	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
CT ETPH	**ETPH (Extractable Total Petroleum Hydrocarbons)**	**0.196**		mg/L	0.150	1	CT DEP ETPH	09/26/2024 08:21	09/26/2024 19:58	GXB

	Surrogate Recoveries	Result	Acceptance Range
3386-33-2	*Surrogate: 1-Chlorooctadecane*	*56.6 %*	*30-140*

Sample Information

Client Sample ID: MW-10R **York Sample ID:** 24I1423 13

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24I1423	TE23-007 Region 18	Ground Water	September 21, 2024 2:55 pm	09/24/2024

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	09/27/2024 02:00	09/27/2024 21:07	FO
71-55-6	1,1,1-Trichloroethane	ND		ug/L	0.500	1	EPA 8260C	09/27/2024 02:00	09/27/2024 21:07	FO
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.500	1	EPA 8260C	09/27/2024 02:00	09/27/2024 21:07	FO
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/L	0.500	1	EPA 8260C	09/27/2024 02:00	09/27/2024 21:07	FO
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.500	1	EPA 8260C	09/27/2024 02:00	09/27/2024 21:07	FO
75-34-3	1,1-Dichloroethane	ND		ug/L	0.500	1	EPA 8260C	09/27/2024 02:00	09/27/2024 21:07	FO
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.500	1	EPA 8260C	09/27/2024 02:00	09/27/2024 21:07	FO
563-58-6	1,1-Dichloropropylene	ND		ug/L	0.500	1	EPA 8260C	09/27/2024 02:00	09/27/2024 21:07	FO
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	0.500	1	EPA 8260C	09/27/2024 02:00	09/27/2024 21:07	FO
96-18-4	1,2,3-Trichloropropane	ND		ug/L	0.500	1	EPA 8260C	09/27/2024 02:00	09/27/2024 21:07	FO
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.500	1	EPA 8260C	09/27/2024 02:00	09/27/2024 21:07	FO
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	0.500	1	EPA 8260C	09/27/2024 02:00	09/27/2024 21:07	FO
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.500	1	EPA 8260C	09/27/2024 02:00	09/27/2024 21:07	FO
106-93-4	1,2-Dibromoethane	ND		ug/L	0.500	1	EPA 8260C	09/27/2024 02:00	09/27/2024 21:07	FO
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.500	1	EPA 8260C	09/27/2024 02:00	09/27/2024 21:07	FO
107-06-2	1,2-Dichloroethane	ND		ug/L	0.500	1	EPA 8260C	09/27/2024 02:00	09/27/2024 21:07	FO
78-87-5	1,2-Dichloropropane	ND		ug/L	0.500	1	EPA 8260C	09/27/2024 02:00	09/27/2024 21:07	FO
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	0.500	1	EPA 8260C	09/27/2024 02:00	09/27/2024 21:07	FO
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.500	1	EPA 8260C	09/27/2024 02:00	09/27/2024 21:07	FO
142-28-9	1,3-Dichloropropane	ND		ug/L	0.500	1	EPA 8260C	09/27/2024 02:00	09/27/2024 21:07	FO
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.500	1	EPA 8260C	09/27/2024 02:00	09/27/2024 21:07	FO
594-20-7	2,2-Dichloropropane	ND		ug/L	0.500	1	EPA 8260C	09/27/2024 02:00	09/27/2024 21:07	FO
78-93-3	2-Butanone	ND		ug/L	0.500	1	EPA 8260C	09/27/2024 02:00	09/27/2024 21:07	FO
95-49-8	2-Chlorotoluene	ND		ug/L	0.500	1	EPA 8260C	09/27/2024 02:00	09/27/2024 21:07	FO
591-78-6	2-Hexanone	ND		ug/L	0.500	1	EPA 8260C	09/27/2024 02:00	09/27/2024 21:07	FO
106-43-4	4-Chlorotoluene	ND		ug/L	0.500	1	EPA 8260C	09/27/2024 02:00	09/27/2024 21:07	FO
108-10-1	4-Methyl-2-pentanone	ND		ug/L	0.500	1	EPA 8260C	09/27/2024 02:00	09/27/2024 21:07	FO
67-64-1	Acetone	ND		ug/L	2.00	1	EPA 8260C	09/27/2024 02:00	09/27/2024 21:07	FO
107-13-1	Acrylonitrile	ND		ug/L	0.500	1	EPA 8260C	09/27/2024 02:00	09/27/2024 21:07	FO
71-43-2	Benzene	ND		ug/L	0.500	1	EPA 8260C	09/27/2024 02:00	09/27/2024 21:07	FO
108-86-1	Bromobenzene	ND		ug/L	0.500	1	EPA 8260C	09/27/2024 02:00	09/27/2024 21:07	FO
74-97-5	Bromochloromethane	ND		ug/L	0.500	1	EPA 8260C	09/27/2024 02:00	09/27/2024 21:07	FO
75-27-4	Bromodichloromethane	ND		ug/L	0.500	1	EPA 8260C	09/27/2024 02:00	09/27/2024 21:07	FO
75-25-2	Bromoform	ND		ug/L	0.500	1	EPA 8260C	09/27/2024 02:00	09/27/2024 21:07	FO
74-83-9	Bromomethane	ND		ug/L	0.500	1	EPA 8260C	09/27/2024 02:00	09/27/2024 21:07	FO
75-15-0	Carbon disulfide	ND		ug/L	0.500	1	EPA 8260C	09/27/2024 02:00	09/27/2024 21:07	FO
56-23-5	Carbon tetrachloride	ND		ug/L	0.500	1	EPA 8260C	09/27/2024 02:00	09/27/2024 21:07	FO

Sample Information

Client Sample ID: MW-10R

York Sample ID: 24I1423 13

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24I1423	TE23-007 Region 18	Ground Water	September 21, 2024 2:55 pm	09/24/2024

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
108 90 7	Chlorobenzene	ND		ug/L	0 500	1	EPA 8260C	09/27/2024 02:00	09/27/2024 21:07	FO
75-00-3	Chloroethane	ND		ug/L	0.500	1	EPA 8260C	09/27/2024 02:00	09/27/2024 21:07	FO
67 66 3	Chloroform	ND		ug/L	0 500	1	EPA 8260C	09/27/2024 02:00	09/27/2024 21:07	FO
74-87-3	Chloromethane	ND		ug/L	0.500	1	EPA 8260C	09/27/2024 02:00	09/27/2024 21:07	FO
156-59-2	cis-1,2-Dichloroethylene	ND		ug/L	0.500	1	EPA 8260C	09/27/2024 02:00	09/27/2024 21:07	FO
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.500	1	EPA 8260C	09/27/2024 02:00	09/27/2024 21:07	FO
124-48-1	Dibromochloromethane	ND		ug/L	0.500	1	EPA 8260C	09/27/2024 02:00	09/27/2024 21:07	FO
74-95-3	Dibromomethane	ND		ug/L	0.500	1	EPA 8260C	09/27/2024 02:00	09/27/2024 21:07	FO
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.500	1	EPA 8260C	09/27/2024 02:00	09/27/2024 21:07	FO
100-41-4	Ethyl Benzene	ND		ug/L	0.500	1	EPA 8260C	09/27/2024 02:00	09/27/2024 21:07	FO
87-68-3	Hexachlorobutadiene	ND		ug/L	0.500	1	EPA 8260C	09/27/2024 02:00	09/27/2024 21:07	FO
98-82-8	Isopropylbenzene	ND		ug/L	0.500	1	EPA 8260C	09/27/2024 02:00	09/27/2024 21:07	FO
80-62-6	Methyl Methacrylate	ND		ug/L	0.500	1	EPA 8260C	09/27/2024 02:00	09/27/2024 21:07	FO
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.500	1	EPA 8260C	09/27/2024 02:00	09/27/2024 21:07	FO
75-09-2	Methylene chloride	ND		ug/L	2.00	1	EPA 8260C	09/27/2024 02:00	09/27/2024 21:07	FO
91-20-3	Naphthalene	ND		ug/L	2.00	1	EPA 8260C	09/27/2024 02:00	09/27/2024 21:07	FO
104-51-8	n-Butylbenzene	ND		ug/L	0.500	1	EPA 8260C	09/27/2024 02:00	09/27/2024 21:07	FO
103-65-1	n-Propylbenzene	ND		ug/L	0.500	1	EPA 8260C	09/27/2024 02:00	09/27/2024 21:07	FO
95-47-6	o-Xylene	ND		ug/L	0.500	1	EPA 8260C	09/27/2024 02:00	09/27/2024 21:07	FO
179601-23-1	p- & m- Xylenes	ND		ug/L	1.00	1	EPA 8260C	09/27/2024 02:00	09/27/2024 21:07	FO
99-87-6	p-Isopropyltoluene	ND		ug/L	0.500	1	EPA 8260C	09/27/2024 02:00	09/27/2024 21:07	FO
135-98-8	sec-Butylbenzene	ND		ug/L	0.500	1	EPA 8260C	09/27/2024 02:00	09/27/2024 21:07	FO
100-42-5	Styrene	ND		ug/L	0.500	1	EPA 8260C	09/27/2024 02:00	09/27/2024 21:07	FO
98-06-6	tert-Butylbenzene	ND		ug/L	0.500	1	EPA 8260C	09/27/2024 02:00	09/27/2024 21:07	FO
127-18-4	Tetrachloroethylene	ND	CCVE, ICVE, QL-02	ug/L	0.500	1	EPA 8260C	09/27/2024 02:00	09/27/2024 21:07	FO
109-99-9	Tetrahydrofuran	ND	QL-02	ug/L	4.00	1	EPA 8260C	09/27/2024 02:00	09/27/2024 21:07	FO
108-88-3	Toluene	ND		ug/L	0.500	1	EPA 8260C	09/27/2024 02:00	09/27/2024 21:07	FO
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.500	1	EPA 8260C	09/27/2024 02:00	09/27/2024 21:07	FO
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.500	1	EPA 8260C	09/27/2024 02:00	09/27/2024 21:07	FO
110-57-6	trans-1,4-dichloro-2-butene	ND		ug/L	0.500	1	EPA 8260C	09/27/2024 02:00	09/27/2024 21:07	FO
79-01-6	Trichloroethylene	ND		ug/L	0.500	1	EPA 8260C	09/27/2024 02:00	09/27/2024 21:07	FO
75-69-4	Trichlorofluoromethane	ND		ug/L	0.500	1	EPA 8260C	09/27/2024 02:00	09/27/2024 21:07	FO
75-01-4	Vinyl Chloride	ND		ug/L	0.500	1	EPA 8260C	09/27/2024 02:00	09/27/2024 21:07	FO

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: SURR: 1,2-Dichloroethane-d4*	*96.1 %*	*70-130*
2037-26-5	*Surrogate: SURR: Toluene-d8*	*106 %*	*70-130*
460-00-4	*Surrogate: SURR: p-Bromofluorobenzene*	*109 %*	*70-130*

Sample Information

Client Sample ID: MW-10R **York Sample ID:** 24I1423-13

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24I1423	TE23-007 Region 18	Ground Water	September 21, 2024 2:55 pm	09/24/2024

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	09/26/2024 09:31	09/27/2024 12:11	LL

	Surrogate Recoveries	Result	Acceptance Range
4165-60-0	*Surrogate: SURR: Nitrobenzene-d5*	*55.7 %*	*30-130*
321-60-8	*Surrogate: SURR: 2-Fluorobiphenyl*	*60.0 %*	*30-130*
1718-51-0	*Surrogate: SURR: Terphenyl-d14*	*35.3 %*	*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	09/26/2024 09:31	09/30/2024 16:00	SS
208-96-8	Acenaphthylene	ND		ug/L	0.0500	1	EPA 8270D SIM	09/26/2024 09:31	09/30/2024 16:00	SS
120-12-7	Anthracene	ND		ug/L	0.0500	1	EPA 8270D SIM	09/26/2024 09:31	09/30/2024 16:00	SS
56-55-3	Benzo(a)anthracene	ND		ug/L	0.0500	1	EPA 8270D SIM	09/26/2024 09:31	09/30/2024 16:00	SS
50-32-8	Benzo(a)pyrene	ND		ug/L	0.0500	1	EPA 8270D SIM	09/26/2024 09:31	09/30/2024 16:00	SS
205-99-2	Benzo(b)fluoranthene	ND		ug/L	0.0500	1	EPA 8270D SIM	09/26/2024 09:31	09/30/2024 16:00	SS
191-24-2	Benzo(g,h,i)perylene	ND		ug/L	0.0500	1	EPA 8270D SIM	09/26/2024 09:31	09/30/2024 16:00	SS
207-08-9	Benzo(k)fluoranthene	ND		ug/L	0.0500	1	EPA 8270D SIM	09/26/2024 09:31	09/30/2024 16:00	SS
218-01-9	Chrysene	ND		ug/L	0.0500	1	EPA 8270D SIM	09/26/2024 09:31	09/30/2024 16:00	SS
53-70-3	Dibenzo(a,h)anthracene	ND		ug/L	0.0500	1	EPA 8270D SIM	09/26/2024 09:31	09/30/2024 16:00	SS
206-44-0	Fluoranthene	ND		ug/L	0.0500	1	EPA 8270D SIM	09/26/2024 09:31	09/30/2024 16:00	SS
86-73-7	Fluorene	ND		ug/L	0.0500	1	EPA 8270D SIM	09/26/2024 09:31	09/30/2024 16:00	SS
193-39-5	Indeno(1,2,3-cd)pyrene	ND		ug/L	0.0500	1	EPA 8270D SIM	09/26/2024 09:31	09/30/2024 16:00	SS
91-20-3	Naphthalene	ND		ug/L	0.0500	1	EPA 8270D SIM	09/26/2024 09:31	09/30/2024 16:00	SS
85-01-8	Phenanthrene	ND		ug/L	0.0500	1	EPA 8270D SIM	09/26/2024 09:31	09/30/2024 16:00	SS
129-00-0	Pyrene	ND		ug/L	0.0500	1	EPA 8270D SIM	09/26/2024 09:31	09/30/2024 16:00	SS

Extractable Total Petroleum Hydrocarbons (ETPH)

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

Sample Prepared by Method: EPA SW846-3510C Low Level

CAS No.	Parameter	Result	Flag	Units	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
CT ETPH	**ETPH (Extractable Total Petroleum Hydrocarbons)**	**0.201**		mg/L	0.150	1	CT DEP ETPH	09/26/2024 08:21	09/26/2024 20:36	GXB

	Surrogate Recoveries	Result	Acceptance Range
3386-33-2	*Surrogate: 1-Chlorooctadecane*	*63.2 %*	*30-140*

Sample Information

Client Sample ID: MW-11 **York Sample ID:** 24I1423 14

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24I1423	TE23-007 Region 18	Ground Water	September 21, 2024 3:55 pm	09/24/2024

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	09/27/2024 02:00	09/27/2024 21:33	FO
71-55-6	1,1,1-Trichloroethane	ND		ug/L	0.500	1	EPA 8260C	09/27/2024 02:00	09/27/2024 21:33	FO
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.500	1	EPA 8260C	09/27/2024 02:00	09/27/2024 21:33	FO
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/L	0.500	1	EPA 8260C	09/27/2024 02:00	09/27/2024 21:33	FO
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.500	1	EPA 8260C	09/27/2024 02:00	09/27/2024 21:33	FO
75-34-3	1,1-Dichloroethane	ND		ug/L	0.500	1	EPA 8260C	09/27/2024 02:00	09/27/2024 21:33	FO
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.500	1	EPA 8260C	09/27/2024 02:00	09/27/2024 21:33	FO
563-58-6	1,1-Dichloropropylene	ND		ug/L	0.500	1	EPA 8260C	09/27/2024 02:00	09/27/2024 21:33	FO
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	0.500	1	EPA 8260C	09/27/2024 02:00	09/27/2024 21:33	FO
96-18-4	1,2,3-Trichloropropane	ND		ug/L	0.500	1	EPA 8260C	09/27/2024 02:00	09/27/2024 21:33	FO
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.500	1	EPA 8260C	09/27/2024 02:00	09/27/2024 21:33	FO
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	0.500	1	EPA 8260C	09/27/2024 02:00	09/27/2024 21:33	FO
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.500	1	EPA 8260C	09/27/2024 02:00	09/27/2024 21:33	FO
106-93-4	1,2-Dibromoethane	ND		ug/L	0.500	1	EPA 8260C	09/27/2024 02:00	09/27/2024 21:33	FO
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.500	1	EPA 8260C	09/27/2024 02:00	09/27/2024 21:33	FO
107-06-2	1,2-Dichloroethane	ND		ug/L	0.500	1	EPA 8260C	09/27/2024 02:00	09/27/2024 21:33	FO
78-87-5	1,2-Dichloropropane	ND		ug/L	0.500	1	EPA 8260C	09/27/2024 02:00	09/27/2024 21:33	FO
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	0.500	1	EPA 8260C	09/27/2024 02:00	09/27/2024 21:33	FO
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.500	1	EPA 8260C	09/27/2024 02:00	09/27/2024 21:33	FO
142-28-9	1,3-Dichloropropane	ND		ug/L	0.500	1	EPA 8260C	09/27/2024 02:00	09/27/2024 21:33	FO
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.500	1	EPA 8260C	09/27/2024 02:00	09/27/2024 21:33	FO
594-20-7	2,2-Dichloropropane	ND		ug/L	0.500	1	EPA 8260C	09/27/2024 02:00	09/27/2024 21:33	FO
78-93-3	2-Butanone	ND		ug/L	0.500	1	EPA 8260C	09/27/2024 02:00	09/27/2024 21:33	FO
95-49-8	2-Chlorotoluene	ND		ug/L	0.500	1	EPA 8260C	09/27/2024 02:00	09/27/2024 21:33	FO
591-78-6	2-Hexanone	ND		ug/L	0.500	1	EPA 8260C	09/27/2024 02:00	09/27/2024 21:33	FO
106-43-4	4-Chlorotoluene	ND		ug/L	0.500	1	EPA 8260C	09/27/2024 02:00	09/27/2024 21:33	FO
108-10-1	4-Methyl-2-pentanone	ND		ug/L	0.500	1	EPA 8260C	09/27/2024 02:00	09/27/2024 21:33	FO
67-64-1	Acetone	ND		ug/L	2.00	1	EPA 8260C	09/27/2024 02:00	09/27/2024 21:33	FO
107-13-1	Acrylonitrile	ND		ug/L	0.500	1	EPA 8260C	09/27/2024 02:00	09/27/2024 21:33	FO
71-43-2	Benzene	ND		ug/L	0.500	1	EPA 8260C	09/27/2024 02:00	09/27/2024 21:33	FO
108-86-1	Bromobenzene	ND		ug/L	0.500	1	EPA 8260C	09/27/2024 02:00	09/27/2024 21:33	FO
74-97-5	Bromochloromethane	ND		ug/L	0.500	1	EPA 8260C	09/27/2024 02:00	09/27/2024 21:33	FO
75-27-4	Bromodichloromethane	ND		ug/L	0.500	1	EPA 8260C	09/27/2024 02:00	09/27/2024 21:33	FO
75-25-2	Bromoform	ND		ug/L	0.500	1	EPA 8260C	09/27/2024 02:00	09/27/2024 21:33	FO
74-83-9	Bromomethane	ND		ug/L	0.500	1	EPA 8260C	09/27/2024 02:00	09/27/2024 21:33	FO
75-15-0	Carbon disulfide	ND		ug/L	0.500	1	EPA 8260C	09/27/2024 02:00	09/27/2024 21:33	FO
56-23-5	Carbon tetrachloride	ND		ug/L	0.500	1	EPA 8260C	09/27/2024 02:00	09/27/2024 21:33	FO

Sample Information

Client Sample ID: MW-11 **York Sample ID:** 24I1423 14

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24I1423	TE23-007 Region 18	Ground Water	September 21, 2024 3:55 pm	09/24/2024

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
108 90 7	Chlorobenzene	ND		ug/L	0 500	1	EPA 8260C	09/27/2024 02:00	09/27/2024 21:33	FO
75-00-3	Chloroethane	ND		ug/L	0.500	1	EPA 8260C	09/27/2024 02:00	09/27/2024 21:33	FO
67 66 3	Chloroform	ND		ug/L	0 500	1	EPA 8260C	09/27/2024 02:00	09/27/2024 21:33	FO
74-87-3	Chloromethane	ND		ug/L	0.500	1	EPA 8260C	09/27/2024 02:00	09/27/2024 21:33	FO
156-59-2	cis-1,2-Dichloroethylene	ND		ug/L	0.500	1	EPA 8260C	09/27/2024 02:00	09/27/2024 21:33	FO
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.500	1	EPA 8260C	09/27/2024 02:00	09/27/2024 21:33	FO
124-48-1	Dibromochloromethane	ND		ug/L	0.500	1	EPA 8260C	09/27/2024 02:00	09/27/2024 21:33	FO
74-95-3	Dibromomethane	ND		ug/L	0.500	1	EPA 8260C	09/27/2024 02:00	09/27/2024 21:33	FO
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.500	1	EPA 8260C	09/27/2024 02:00	09/27/2024 21:33	FO
100-41-4	Ethyl Benzene	ND		ug/L	0.500	1	EPA 8260C	09/27/2024 02:00	09/27/2024 21:33	FO
87-68-3	Hexachlorobutadiene	ND		ug/L	0.500	1	EPA 8260C	09/27/2024 02:00	09/27/2024 21:33	FO
98-82-8	Isopropylbenzene	ND		ug/L	0.500	1	EPA 8260C	09/27/2024 02:00	09/27/2024 21:33	FO
80-62-6	Methyl Methacrylate	ND		ug/L	0.500	1	EPA 8260C	09/27/2024 02:00	09/27/2024 21:33	FO
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.500	1	EPA 8260C	09/27/2024 02:00	09/27/2024 21:33	FO
75-09-2	Methylene chloride	ND		ug/L	2.00	1	EPA 8260C	09/27/2024 02:00	09/27/2024 21:33	FO
91-20-3	Naphthalene	ND		ug/L	2.00	1	EPA 8260C	09/27/2024 02:00	09/27/2024 21:33	FO
104-51-8	n-Butylbenzene	ND		ug/L	0.500	1	EPA 8260C	09/27/2024 02:00	09/27/2024 21:33	FO
103-65-1	n-Propylbenzene	ND		ug/L	0.500	1	EPA 8260C	09/27/2024 02:00	09/27/2024 21:33	FO
95-47-6	o-Xylene	ND		ug/L	0.500	1	EPA 8260C	09/27/2024 02:00	09/27/2024 21:33	FO
179601-23-1	p- & m- Xylenes	ND		ug/L	1.00	1	EPA 8260C	09/27/2024 02:00	09/27/2024 21:33	FO
99-87-6	p-Isopropyltoluene	ND		ug/L	0.500	1	EPA 8260C	09/27/2024 02:00	09/27/2024 21:33	FO
135-98-8	sec-Butylbenzene	ND		ug/L	0.500	1	EPA 8260C	09/27/2024 02:00	09/27/2024 21:33	FO
100-42-5	Styrene	ND		ug/L	0.500	1	EPA 8260C	09/27/2024 02:00	09/27/2024 21:33	FO
98-06-6	tert-Butylbenzene	ND		ug/L	0.500	1	EPA 8260C	09/27/2024 02:00	09/27/2024 21:33	FO
127-18-4	Tetrachloroethylene	ND	CCVE, ICVE, QL-02	ug/L	0.500	1	EPA 8260C	09/27/2024 02:00	09/27/2024 21:33	FO
109-99-9	Tetrahydrofuran	ND	QL-02	ug/L	4.00	1	EPA 8260C	09/27/2024 02:00	09/27/2024 21:33	FO
108-88-3	Toluene	ND		ug/L	0.500	1	EPA 8260C	09/27/2024 02:00	09/27/2024 21:33	FO
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.500	1	EPA 8260C	09/27/2024 02:00	09/27/2024 21:33	FO
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.500	1	EPA 8260C	09/27/2024 02:00	09/27/2024 21:33	FO
110-57-6	trans-1,4-dichloro-2-butene	ND		ug/L	0.500	1	EPA 8260C	09/27/2024 02:00	09/27/2024 21:33	FO
79-01-6	Trichloroethylene	ND		ug/L	0.500	1	EPA 8260C	09/27/2024 02:00	09/27/2024 21:33	FO
75-69-4	Trichlorofluoromethane	ND		ug/L	0.500	1	EPA 8260C	09/27/2024 02:00	09/27/2024 21:33	FO
75-01-4	Vinyl Chloride	ND		ug/L	0.500	1	EPA 8260C	09/27/2024 02:00	09/27/2024 21:33	FO

	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*	*105 %*	*70-130*
460-00-4	*Surrogate: SURR: p-Bromofluorobenzene*	*106 %*	*70-130*

Sample Information

Client Sample ID: MW-11 **York Sample ID:** 24I1423-14

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24I1423	TE23-007 Region 18	Ground Water	September 21, 2024 3:55 pm	09/24/2024

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	09/26/2024 09:31	09/27/2024 12:41	LL

	Surrogate Recoveries	Result	Acceptance Range
4165-60-0	*Surrogate: SURR: Nitrobenzene-d5*	*66.4 %*	*30-130*
321-60-8	*Surrogate: SURR: 2-Fluorobiphenyl*	*68.4 %*	*30-130*
1718-51-0	*Surrogate: SURR: Terphenyl-d14*	*48.4 %*	*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	09/26/2024 09:31	09/30/2024 16:29	SS
208-96-8	Acenaphthylene	ND		ug/L	0.0500	1	EPA 8270D SIM	09/26/2024 09:31	09/30/2024 16:29	SS
120-12-7	Anthracene	ND		ug/L	0.0500	1	EPA 8270D SIM	09/26/2024 09:31	09/30/2024 16:29	SS
56-55-3	Benzo(a)anthracene	ND		ug/L	0.0500	1	EPA 8270D SIM	09/26/2024 09:31	09/30/2024 16:29	SS
50-32-8	Benzo(a)pyrene	ND		ug/L	0.0500	1	EPA 8270D SIM	09/26/2024 09:31	09/30/2024 16:29	SS
205-99-2	Benzo(b)fluoranthene	ND		ug/L	0.0500	1	EPA 8270D SIM	09/26/2024 09:31	09/30/2024 16:29	SS
191-24-2	Benzo(g,h,i)perylene	ND		ug/L	0.0500	1	EPA 8270D SIM	09/26/2024 09:31	09/30/2024 16:29	SS
207-08-9	Benzo(k)fluoranthene	ND		ug/L	0.0500	1	EPA 8270D SIM	09/26/2024 09:31	09/30/2024 16:29	SS
218-01-9	Chrysene	ND		ug/L	0.0500	1	EPA 8270D SIM	09/26/2024 09:31	09/30/2024 16:29	SS
53-70-3	Dibenzo(a,h)anthracene	ND		ug/L	0.0500	1	EPA 8270D SIM	09/26/2024 09:31	09/30/2024 16:29	SS
206-44-0	Fluoranthene	ND		ug/L	0.0500	1	EPA 8270D SIM	09/26/2024 09:31	09/30/2024 16:29	SS
86-73-7	Fluorene	ND		ug/L	0.0500	1	EPA 8270D SIM	09/26/2024 09:31	09/30/2024 16:29	SS
193-39-5	Indeno(1,2,3-cd)pyrene	ND		ug/L	0.0500	1	EPA 8270D SIM	09/26/2024 09:31	09/30/2024 16:29	SS
91-20-3	Naphthalene	ND		ug/L	0.0500	1	EPA 8270D SIM	09/26/2024 09:31	09/30/2024 16:29	SS
85-01-8	Phenanthrene	ND		ug/L	0.0500	1	EPA 8270D SIM	09/26/2024 09:31	09/30/2024 16:29	SS
129-00-0	Pyrene	ND		ug/L	0.0500	1	EPA 8270D SIM	09/26/2024 09:31	09/30/2024 16:29	SS

Extractable Total Petroleum Hydrocarbons (ETPH)

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

Sample Prepared by Method: EPA SW846-3510C Low Level

CAS No.	Parameter	Result	Flag	Units	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
CT ETPH	**ETPH (Extractable Total Petroleum Hydrocarbons)**	**0.196**		mg/L	0.150	1	CT DEP ETPH	09/26/2024 08:21	09/26/2024 21:52	GXB

	Surrogate Recoveries	Result	Acceptance Range
3386-33-2	*Surrogate: 1-Chlorooctadecane*	*63.4 %*	*30-140*

Sample Information

Client Sample ID: MW-12 **York Sample ID:** 24I1423 15

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24I1423	TE23-007 Region 18	Ground Water	September 21, 2024 4:50 pm	09/24/2024

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	09/27/2024 02:00	09/27/2024 22:00	FO
71-55-6	1,1,1-Trichloroethane	ND		ug/L	0.500	1	EPA 8260C	09/27/2024 02:00	09/27/2024 22:00	FO
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.500	1	EPA 8260C	09/27/2024 02:00	09/27/2024 22:00	FO
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/L	0.500	1	EPA 8260C	09/27/2024 02:00	09/27/2024 22:00	FO
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.500	1	EPA 8260C	09/27/2024 02:00	09/27/2024 22:00	FO
75-34-3	1,1-Dichloroethane	ND		ug/L	0.500	1	EPA 8260C	09/27/2024 02:00	09/27/2024 22:00	FO
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.500	1	EPA 8260C	09/27/2024 02:00	09/27/2024 22:00	FO
563-58-6	1,1-Dichloropropylene	ND		ug/L	0.500	1	EPA 8260C	09/27/2024 02:00	09/27/2024 22:00	FO
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	0.500	1	EPA 8260C	09/27/2024 02:00	09/27/2024 22:00	FO
96-18-4	1,2,3-Trichloropropane	ND		ug/L	0.500	1	EPA 8260C	09/27/2024 02:00	09/27/2024 22:00	FO
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.500	1	EPA 8260C	09/27/2024 02:00	09/27/2024 22:00	FO
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	0.500	1	EPA 8260C	09/27/2024 02:00	09/27/2024 22:00	FO
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.500	1	EPA 8260C	09/27/2024 02:00	09/27/2024 22:00	FO
106-93-4	1,2-Dibromoethane	ND		ug/L	0.500	1	EPA 8260C	09/27/2024 02:00	09/27/2024 22:00	FO
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.500	1	EPA 8260C	09/27/2024 02:00	09/27/2024 22:00	FO
107-06-2	1,2-Dichloroethane	ND		ug/L	0.500	1	EPA 8260C	09/27/2024 02:00	09/27/2024 22:00	FO
78-87-5	1,2-Dichloropropane	ND		ug/L	0.500	1	EPA 8260C	09/27/2024 02:00	09/27/2024 22:00	FO
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	0.500	1	EPA 8260C	09/27/2024 02:00	09/27/2024 22:00	FO
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.500	1	EPA 8260C	09/27/2024 02:00	09/27/2024 22:00	FO
142-28-9	1,3-Dichloropropane	ND		ug/L	0.500	1	EPA 8260C	09/27/2024 02:00	09/27/2024 22:00	FO
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.500	1	EPA 8260C	09/27/2024 02:00	09/27/2024 22:00	FO
594-20-7	2,2-Dichloropropane	ND		ug/L	0.500	1	EPA 8260C	09/27/2024 02:00	09/27/2024 22:00	FO
78-93-3	2-Butanone	ND		ug/L	0.500	1	EPA 8260C	09/27/2024 02:00	09/27/2024 22:00	FO
95-49-8	2-Chlorotoluene	ND		ug/L	0.500	1	EPA 8260C	09/27/2024 02:00	09/27/2024 22:00	FO
591-78-6	2-Hexanone	ND		ug/L	0.500	1	EPA 8260C	09/27/2024 02:00	09/27/2024 22:00	FO
106-43-4	4-Chlorotoluene	ND		ug/L	0.500	1	EPA 8260C	09/27/2024 02:00	09/27/2024 22:00	FO
108-10-1	4-Methyl-2-pentanone	ND		ug/L	0.500	1	EPA 8260C	09/27/2024 02:00	09/27/2024 22:00	FO
67-64-1	Acetone	ND		ug/L	2.00	1	EPA 8260C	09/27/2024 02:00	09/27/2024 22:00	FO
107-13-1	Acrylonitrile	ND		ug/L	0.500	1	EPA 8260C	09/27/2024 02:00	09/27/2024 22:00	FO
71-43-2	Benzene	ND		ug/L	0.500	1	EPA 8260C	09/27/2024 02:00	09/27/2024 22:00	FO
108-86-1	Bromobenzene	ND		ug/L	0.500	1	EPA 8260C	09/27/2024 02:00	09/27/2024 22:00	FO
74-97-5	Bromochloromethane	ND		ug/L	0.500	1	EPA 8260C	09/27/2024 02:00	09/27/2024 22:00	FO
75-27-4	Bromodichloromethane	ND		ug/L	0.500	1	EPA 8260C	09/27/2024 02:00	09/27/2024 22:00	FO
75-25-2	Bromoform	ND		ug/L	0.500	1	EPA 8260C	09/27/2024 02:00	09/27/2024 22:00	FO
74-83-9	Bromomethane	ND		ug/L	0.500	1	EPA 8260C	09/27/2024 02:00	09/27/2024 22:00	FO
75-15-0	Carbon disulfide	ND		ug/L	0.500	1	EPA 8260C	09/27/2024 02:00	09/27/2024 22:00	FO
56-23-5	Carbon tetrachloride	ND		ug/L	0.500	1	EPA 8260C	09/27/2024 02:00	09/27/2024 22:00	FO

Sample Information

Client Sample ID: MW-12 **York Sample ID:** 24I1423 15

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24I1423	TE23-007 Region 18	Ground Water	September 21, 2024 4:50 pm	09/24/2024

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
108 90 7	Chlorobenzene	ND		ug/L	0 500	1	EPA 8260C	09/27/2024 02:00	09/27/2024 22:00	FO
75-00-3	Chloroethane	ND		ug/L	0.500	1	EPA 8260C	09/27/2024 02:00	09/27/2024 22:00	FO
67 66 3	Chloroform	ND		ug/L	0 500	1	EPA 8260C	09/27/2024 02:00	09/27/2024 22:00	FO
74-87-3	Chloromethane	ND		ug/L	0.500	1	EPA 8260C	09/27/2024 02:00	09/27/2024 22:00	FO
156-59-2	cis-1,2-Dichloroethylene	ND		ug/L	0.500	1	EPA 8260C	09/27/2024 02:00	09/27/2024 22:00	FO
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.500	1	EPA 8260C	09/27/2024 02:00	09/27/2024 22:00	FO
124-48-1	Dibromochloromethane	ND		ug/L	0.500	1	EPA 8260C	09/27/2024 02:00	09/27/2024 22:00	FO
74-95-3	Dibromomethane	ND		ug/L	0.500	1	EPA 8260C	09/27/2024 02:00	09/27/2024 22:00	FO
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.500	1	EPA 8260C	09/27/2024 02:00	09/27/2024 22:00	FO
100-41-4	Ethyl Benzene	ND		ug/L	0.500	1	EPA 8260C	09/27/2024 02:00	09/27/2024 22:00	FO
87-68-3	Hexachlorobutadiene	ND		ug/L	0.500	1	EPA 8260C	09/27/2024 02:00	09/27/2024 22:00	FO
98-82-8	Isopropylbenzene	ND		ug/L	0.500	1	EPA 8260C	09/27/2024 02:00	09/27/2024 22:00	FO
80-62-6	Methyl Methacrylate	ND		ug/L	0.500	1	EPA 8260C	09/27/2024 02:00	09/27/2024 22:00	FO
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.500	1	EPA 8260C	09/27/2024 02:00	09/27/2024 22:00	FO
75-09-2	Methylene chloride	ND		ug/L	2.00	1	EPA 8260C	09/27/2024 02:00	09/27/2024 22:00	FO
91-20-3	Naphthalene	ND		ug/L	2.00	1	EPA 8260C	09/27/2024 02:00	09/27/2024 22:00	FO
104-51-8	n-Butylbenzene	ND		ug/L	0.500	1	EPA 8260C	09/27/2024 02:00	09/27/2024 22:00	FO
103-65-1	n-Propylbenzene	ND		ug/L	0.500	1	EPA 8260C	09/27/2024 02:00	09/27/2024 22:00	FO
95-47-6	o-Xylene	ND		ug/L	0.500	1	EPA 8260C	09/27/2024 02:00	09/27/2024 22:00	FO
179601-23-1	p- & m- Xylenes	ND		ug/L	1.00	1	EPA 8260C	09/27/2024 02:00	09/27/2024 22:00	FO
99-87-6	p-Isopropyltoluene	ND		ug/L	0.500	1	EPA 8260C	09/27/2024 02:00	09/27/2024 22:00	FO
135-98-8	sec-Butylbenzene	ND		ug/L	0.500	1	EPA 8260C	09/27/2024 02:00	09/27/2024 22:00	FO
100-42-5	Styrene	ND		ug/L	0.500	1	EPA 8260C	09/27/2024 02:00	09/27/2024 22:00	FO
98-06-6	tert-Butylbenzene	ND		ug/L	0.500	1	EPA 8260C	09/27/2024 02:00	09/27/2024 22:00	FO
127-18-4	Tetrachloroethylene	ND	CCVE, ICVE, QL-02	ug/L	0.500	1	EPA 8260C	09/27/2024 02:00	09/27/2024 22:00	FO
109-99-9	Tetrahydrofuran	ND	QL-02	ug/L	4.00	1	EPA 8260C	09/27/2024 02:00	09/27/2024 22:00	FO
108-88-3	Toluene	ND		ug/L	0.500	1	EPA 8260C	09/27/2024 02:00	09/27/2024 22:00	FO
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.500	1	EPA 8260C	09/27/2024 02:00	09/27/2024 22:00	FO
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.500	1	EPA 8260C	09/27/2024 02:00	09/27/2024 22:00	FO
110-57-6	trans-1,4-dichloro-2-butene	ND		ug/L	0.500	1	EPA 8260C	09/27/2024 02:00	09/27/2024 22:00	FO
79-01-6	Trichloroethylene	ND		ug/L	0.500	1	EPA 8260C	09/27/2024 02:00	09/27/2024 22:00	FO
75-69-4	Trichlorofluoromethane	ND		ug/L	0.500	1	EPA 8260C	09/27/2024 02:00	09/27/2024 22:00	FO
75-01-4	Vinyl Chloride	ND		ug/L	0.500	1	EPA 8260C	09/27/2024 02:00	09/27/2024 22:00	FO

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: SURR: 1,2-Dichloroethane-d4*	*99.4 %*	*70-130*
2037-26-5	*Surrogate: SURR: Toluene-d8*	*104 %*	*70-130*
460-00-4	*Surrogate: SURR: p-Bromofluorobenzene*	*106 %*	*70-130*

Sample Information

Client Sample ID: MW-12 **York Sample ID:** 24I1423-15

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24I1423	TE23-007 Region 18	Ground Water	September 21, 2024 4:50 pm	09/24/2024

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	09/26/2024 09:31	09/27/2024 13:11	LL

	Surrogate Recoveries	Result	Acceptance Range
4165-60-0	*Surrogate: SURR: Nitrobenzene-d5*	*45.3 %*	*30-130*
321-60-8	*Surrogate: SURR: 2-Fluorobiphenyl*	*47.0 %*	*30-130*
1718-51-0	*Surrogate: SURR: Terphenyl-d14*	*49.7 %*	*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		ug/L	0.0500	1	EPA 8270D SIM	09/26/2024 09:31	09/30/2024 16:59	SS
208-96-8	Acenaphthylene	ND		ug/L	0.0500	1	EPA 8270D SIM	09/26/2024 09:31	09/30/2024 16:59	SS
120-12-7	Anthracene	ND		ug/L	0.0500	1	EPA 8270D SIM	09/26/2024 09:31	09/30/2024 16:59	SS
56-55-3	Benzo(a)anthracene	ND		ug/L	0.0500	1	EPA 8270D SIM	09/26/2024 09:31	09/30/2024 16:59	SS
50-32-8	Benzo(a)pyrene	ND		ug/L	0.0500	1	EPA 8270D SIM	09/26/2024 09:31	09/30/2024 16:59	SS
205-99-2	Benzo(b)fluoranthene	ND		ug/L	0.0500	1	EPA 8270D SIM	09/26/2024 09:31	09/30/2024 16:59	SS
191-24-2	Benzo(g,h,i)perylene	ND		ug/L	0.0500	1	EPA 8270D SIM	09/26/2024 09:31	09/30/2024 16:59	SS
207-08-9	Benzo(k)fluoranthene	ND		ug/L	0.0500	1	EPA 8270D SIM	09/26/2024 09:31	09/30/2024 16:59	SS
218-01-9	Chrysene	ND		ug/L	0.0500	1	EPA 8270D SIM	09/26/2024 09:31	09/30/2024 16:59	SS
53-70-3	Dibenzo(a,h)anthracene	ND		ug/L	0.0500	1	EPA 8270D SIM	09/26/2024 09:31	09/30/2024 16:59	SS
206-44-0	Fluoranthene	ND		ug/L	0.0500	1	EPA 8270D SIM	09/26/2024 09:31	09/30/2024 16:59	SS
86-73-7	Fluorene	ND		ug/L	0.0500	1	EPA 8270D SIM	09/26/2024 09:31	09/30/2024 16:59	SS
193-39-5	Indeno(1,2,3-cd)pyrene	ND		ug/L	0.0500	1	EPA 8270D SIM	09/26/2024 09:31	09/30/2024 16:59	SS
91-20-3	Naphthalene	ND		ug/L	0.0500	1	EPA 8270D SIM	09/26/2024 09:31	09/30/2024 16:59	SS
85-01-8	Phenanthrene	ND		ug/L	0.0500	1	EPA 8270D SIM	09/26/2024 09:31	09/30/2024 16:59	SS
129-00-0	Pyrene	ND		ug/L	0.0500	1	EPA 8270D SIM	09/26/2024 09:31	09/30/2024 16:59	SS

Extractable Total Petroleum Hydrocarbons (ETPH)

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

Sample Prepared by Method: EPA SW846-3510C Low Level

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	09/26/2024 08:21	09/27/2024 09:24	GXB

	Surrogate Recoveries	Result	Acceptance Range
3386-33-2	*Surrogate: 1-Chlorooctadecane*	*52.8 %*	*30-140*

Sample Information

Client Sample ID: MW-13 **York Sample ID:** 24I1423 16

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24I1423	TE23-007 Region 18	Ground Water	September 21, 2024 4:10 pm	09/24/2024

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	09/28/2024 11:19	09/28/2024 16:14	FO
71-55-6	1,1,1-Trichloroethane	ND		ug/L	0.500	1	EPA 8260C	09/28/2024 11:19	09/28/2024 16:14	FO
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.500	1	EPA 8260C	09/28/2024 11:19	09/28/2024 16:14	FO
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/L	0.500	1	EPA 8260C	09/28/2024 11:19	09/28/2024 16:14	FO
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.500	1	EPA 8260C	09/28/2024 11:19	09/28/2024 16:14	FO
75-34-3	1,1-Dichloroethane	ND		ug/L	0.500	1	EPA 8260C	09/28/2024 11:19	09/28/2024 16:14	FO
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.500	1	EPA 8260C	09/28/2024 11:19	09/28/2024 16:14	FO
563-58-6	1,1-Dichloropropylene	ND		ug/L	0.500	1	EPA 8260C	09/28/2024 11:19	09/28/2024 16:14	FO
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	0.500	1	EPA 8260C	09/28/2024 11:19	09/28/2024 16:14	FO
96-18-4	1,2,3-Trichloropropane	ND		ug/L	0.500	1	EPA 8260C	09/28/2024 11:19	09/28/2024 16:14	FO
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.500	1	EPA 8260C	09/28/2024 11:19	09/28/2024 16:14	FO
95-63-6	**1,2,4-Trimethylbenzene**	**1.36**		ug/L	0.500	1	EPA 8260C	09/28/2024 11:19	09/28/2024 16:14	FO
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.500	1	EPA 8260C	09/28/2024 11:19	09/28/2024 16:14	FO
106-93-4	1,2-Dibromoethane	ND		ug/L	0.500	1	EPA 8260C	09/28/2024 11:19	09/28/2024 16:14	FO
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.500	1	EPA 8260C	09/28/2024 11:19	09/28/2024 16:14	FO
107-06-2	1,2-Dichloroethane	ND		ug/L	0.500	1	EPA 8260C	09/28/2024 11:19	09/28/2024 16:14	FO
78-87-5	1,2-Dichloropropane	ND		ug/L	0.500	1	EPA 8260C	09/28/2024 11:19	09/28/2024 16:14	FO
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	0.500	1	EPA 8260C	09/28/2024 11:19	09/28/2024 16:14	FO
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.500	1	EPA 8260C	09/28/2024 11:19	09/28/2024 16:14	FO
142-28-9	1,3-Dichloropropane	ND		ug/L	0.500	1	EPA 8260C	09/28/2024 11:19	09/28/2024 16:14	FO
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.500	1	EPA 8260C	09/28/2024 11:19	09/28/2024 16:14	FO
594-20-7	2,2-Dichloropropane	ND		ug/L	0.500	1	EPA 8260C	09/28/2024 11:19	09/28/2024 16:14	FO
78-93-3	2-Butanone	ND	CCVE	ug/L	0.500	1	EPA 8260C	09/28/2024 11:19	09/28/2024 16:14	FO
95-49-8	2-Chlorotoluene	ND		ug/L	0.500	1	EPA 8260C	09/28/2024 11:19	09/28/2024 16:14	FO
591-78-6	2-Hexanone	ND		ug/L	0.500	1	EPA 8260C	09/28/2024 11:19	09/28/2024 16:14	FO
106-43-4	4-Chlorotoluene	ND		ug/L	0.500	1	EPA 8260C	09/28/2024 11:19	09/28/2024 16:14	FO
108-10-1	4-Methyl-2-pentanone	ND		ug/L	0.500	1	EPA 8260C	09/28/2024 11:19	09/28/2024 16:14	FO
67-64-1	Acetone	ND		ug/L	2.00	1	EPA 8260C	09/28/2024 11:19	09/28/2024 16:14	FO
107-13-1	Acrylonitrile	ND		ug/L	0.500	1	EPA 8260C	09/28/2024 11:19	09/28/2024 16:14	FO
71-43-2	Benzene	ND		ug/L	0.500	1	EPA 8260C	09/28/2024 11:19	09/28/2024 16:14	FO
108-86-1	Bromobenzene	ND		ug/L	0.500	1	EPA 8260C	09/28/2024 11:19	09/28/2024 16:14	FO
74-97-5	Bromochloromethane	ND		ug/L	0.500	1	EPA 8260C	09/28/2024 11:19	09/28/2024 16:14	FO
75-27-4	Bromodichloromethane	ND		ug/L	0.500	1	EPA 8260C	09/28/2024 11:19	09/28/2024 16:14	FO
75-25-2	Bromoform	ND		ug/L	0.500	1	EPA 8260C	09/28/2024 11:19	09/28/2024 16:14	FO
74-83-9	Bromomethane	ND	CCVE	ug/L	0.500	1	EPA 8260C	09/28/2024 11:19	09/28/2024 16:14	FO
75-15-0	Carbon disulfide	ND		ug/L	0.500	1	EPA 8260C	09/28/2024 11:19	09/28/2024 16:14	FO
56-23-5	Carbon tetrachloride	ND		ug/L	0.500	1	EPA 8260C	09/28/2024 11:19	09/28/2024 16:14	FO

Sample Information

Client Sample ID: MW-13 **York Sample ID:** 24I1423 16

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24I1423	TE23-007 Region 18	Ground Water	September 21, 2024 4:10 pm	09/24/2024

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
108 90 7	Chlorobenzene	ND		ug/L	0 500	1	EPA 8260C	09/28/2024 11:19	09/28/2024 16:14	FO
75-00-3	Chloroethane	ND		ug/L	0.500	1	EPA 8260C	09/28/2024 11:19	09/28/2024 16:14	FO
67 66 3	Chloroform	ND		ug/L	0 500	1	EPA 8260C	09/28/2024 11:19	09/28/2024 16:14	FO
74-87-3	Chloromethane	ND		ug/L	0.500	1	EPA 8260C	09/28/2024 11:19	09/28/2024 16:14	FO
156-59-2	cis-1,2-Dichloroethylene	ND		ug/L	0.500	1	EPA 8260C	09/28/2024 11:19	09/28/2024 16:14	FO
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.500	1	EPA 8260C	09/28/2024 11:19	09/28/2024 16:14	FO
124-48-1	Dibromochloromethane	ND		ug/L	0.500	1	EPA 8260C	09/28/2024 11:19	09/28/2024 16:14	FO
74-95-3	Dibromomethane	ND		ug/L	0.500	1	EPA 8260C	09/28/2024 11:19	09/28/2024 16:14	FO
75-71-8	Dichlorodifluoromethane	ND	CCVE	ug/L	0.500	1	EPA 8260C	09/28/2024 11:19	09/28/2024 16:14	FO
100-41-4	**Ethyl Benzene**	**2.30**		ug/L	0.500	1	EPA 8260C	09/28/2024 11:19	09/28/2024 16:14	FO
87-68-3	Hexachlorobutadiene	ND		ug/L	0.500	1	EPA 8260C	09/28/2024 11:19	09/28/2024 16:14	FO
98-82-8	**Isopropylbenzene**	**0.810**		ug/L	0.500	1	EPA 8260C	09/28/2024 11:19	09/28/2024 16:14	FO
80-62-6	Methyl Methacrylate	ND		ug/L	0.500	1	EPA 8260C	09/28/2024 11:19	09/28/2024 16:14	FO
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.500	1	EPA 8260C	09/28/2024 11:19	09/28/2024 16:14	FO
75-09-2	Methylene chloride	ND		ug/L	2.00	1	EPA 8260C	09/28/2024 11:19	09/28/2024 16:14	FO
91-20-3	Naphthalene	ND		ug/L	2.00	1	EPA 8260C	09/28/2024 11:19	09/28/2024 16:14	FO
104-51-8	n-Butylbenzene	ND		ug/L	0.500	1	EPA 8260C	09/28/2024 11:19	09/28/2024 16:14	FO
103-65-1	**n-Propylbenzene**	**0.770**	ICVE20	ug/L	0.500	1	EPA 8260C	09/28/2024 11:19	09/28/2024 16:14	FO
95-47-6	o-Xylene	ND		ug/L	0.500	1	EPA 8260C	09/28/2024 11:19	09/28/2024 16:14	FO
179601-23-1	p- & m- Xylenes	ND		ug/L	1.00	1	EPA 8260C	09/28/2024 11:19	09/28/2024 16:14	FO
99-87-6	p-Isopropyltoluene	ND		ug/L	0.500	1	EPA 8260C	09/28/2024 11:19	09/28/2024 16:14	FO
135-98-8	**sec-Butylbenzene**	**0.620**		ug/L	0.500	1	EPA 8260C	09/28/2024 11:19	09/28/2024 16:14	FO
100-42-5	Styrene	ND		ug/L	0.500	1	EPA 8260C	09/28/2024 11:19	09/28/2024 16:14	FO
98-06-6	tert-Butylbenzene	ND		ug/L	0.500	1	EPA 8260C	09/28/2024 11:19	09/28/2024 16:14	FO
127-18-4	Tetrachloroethylene	ND	ICVE, QL-02	ug/L	0.500	1	EPA 8260C	09/28/2024 11:19	09/28/2024 16:14	FO
109-99-9	Tetrahydrofuran	ND	CCVE	ug/L	4.00	1	EPA 8260C	09/28/2024 11:19	09/28/2024 16:14	FO
108-88-3	Toluene	ND		ug/L	0.500	1	EPA 8260C	09/28/2024 11:19	09/28/2024 16:14	FO
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.500	1	EPA 8260C	09/28/2024 11:19	09/28/2024 16:14	FO
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.500	1	EPA 8260C	09/28/2024 11:19	09/28/2024 16:14	FO
110-57-6	trans-1,4-dichloro-2-butene	ND		ug/L	0.500	1	EPA 8260C	09/28/2024 11:19	09/28/2024 16:14	FO
79-01-6	Trichloroethylene	ND		ug/L	0.500	1	EPA 8260C	09/28/2024 11:19	09/28/2024 16:14	FO
75-69-4	Trichlorofluoromethane	ND		ug/L	0.500	1	EPA 8260C	09/28/2024 11:19	09/28/2024 16:14	FO
75-01-4	Vinyl Chloride	ND		ug/L	0.500	1	EPA 8260C	09/28/2024 11:19	09/28/2024 16:14	FO

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: SURR: 1,2-Dichloroethane-d4*	*103 %*	*70-130*
2037-26-5	*Surrogate: SURR: Toluene-d8*	*104 %*	*70-130*
460-00-4	*Surrogate: SURR: p-Bromofluorobenzene*	*106 %*	*70-130*

Sample Information

Client Sample ID: MW-13 **York Sample ID:** 24I1423-16

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24I1423	TE23-007 Region 18	Ground Water	September 21, 2024 4:10 pm	09/24/2024

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	09/26/2024 09:31	09/27/2024 13:41	LL
	Surrogate Recoveries	**Result**			**Acceptance Range**					
4165-60-0	*Surrogate: SURR: Nitrobenzene-d5*	*72.2 %*			*30-130*					
321-60-8	*Surrogate: SURR: 2-Fluorobiphenyl*	*75.0 %*			*30-130*					
1718-51-0	*Surrogate: SURR: Terphenyl-d14*	*48.3 %*			*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	09/26/2024 09:31	09/30/2024 17:28	SS
208-96-8	Acenaphthylene	ND		ug/L	0.0500	1	EPA 8270D SIM	09/26/2024 09:31	09/30/2024 17:28	SS
120-12-7	Anthracene	ND		ug/L	0.0500	1	EPA 8270D SIM	09/26/2024 09:31	09/30/2024 17:28	SS
56-55-3	Benzo(a)anthracene	ND		ug/L	0.0500	1	EPA 8270D SIM	09/26/2024 09:31	09/30/2024 17:28	SS
50-32-8	Benzo(a)pyrene	ND		ug/L	0.0500	1	EPA 8270D SIM	09/26/2024 09:31	09/30/2024 17:28	SS
205-99-2	Benzo(b)fluoranthene	ND		ug/L	0.0500	1	EPA 8270D SIM	09/26/2024 09:31	09/30/2024 17:28	SS
191-24-2	Benzo(g,h,i)perylene	ND		ug/L	0.0500	1	EPA 8270D SIM	09/26/2024 09:31	09/30/2024 17:28	SS
207-08-9	Benzo(k)fluoranthene	ND		ug/L	0.0500	1	EPA 8270D SIM	09/26/2024 09:31	09/30/2024 17:28	SS
218-01-9	Chrysene	ND		ug/L	0.0500	1	EPA 8270D SIM	09/26/2024 09:31	09/30/2024 17:28	SS
53-70-3	Dibenzo(a,h)anthracene	ND		ug/L	0.0500	1	EPA 8270D SIM	09/26/2024 09:31	09/30/2024 17:28	SS
206-44-0	Fluoranthene	ND		ug/L	0.0500	1	EPA 8270D SIM	09/26/2024 09:31	09/30/2024 17:28	SS
86-73-7	Fluorene	ND		ug/L	0.0500	1	EPA 8270D SIM	09/26/2024 09:31	09/30/2024 17:28	SS
193-39-5	Indeno(1,2,3-cd)pyrene	ND		ug/L	0.0500	1	EPA 8270D SIM	09/26/2024 09:31	09/30/2024 17:28	SS
91-20-3	**Naphthalene**	**0.0600**	B	ug/L	0.0500	1	EPA 8270D SIM	09/26/2024 09:31	09/30/2024 17:28	SS
85 01 8	**Phenanthrene**	**0.0500**		ug/L	0 0500	1	EPA 8270D SIM	09/26/2024 09:31	09/30/2024 17:28	SS
129-00-0	Pyrene	ND		ug/L	0.0500	1	EPA 8270D SIM	09/26/2024 09:31	09/30/2024 17:28	SS

Extractable Total Petroleum Hydrocarbons (ETPH)

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

Sample Prepared by Method: EPA SW846-3510C Low Level

CAS No.	Parameter	Result	Flag	Units	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
CT ETPH	**ETPH (Extractable Total Petroleum Hydrocarbons)**	**0.195**		mg/L	0.150	1	CT DEP ETPH	09/26/2024 08:21	09/27/2024 10:02	GXB
	Surrogate Recoveries	**Result**			**Acceptance Range**					
3386-33-2	*Surrogate: 1-Chlorooctadecane*	*54.0 %*			*30-140*					

Sample Information

Client Sample ID: MW-15 **York Sample ID:** 24I1423 17

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24I1423	TE23-007 Region 18	Ground Water	September 21, 2024 3:00 pm	09/24/2024

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	09/28/2024 11:19	09/28/2024 16:41	FO
71-55-6	1,1,1-Trichloroethane	ND		ug/L	0.500	1	EPA 8260C	09/28/2024 11:19	09/28/2024 16:41	FO
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.500	1	EPA 8260C	09/28/2024 11:19	09/28/2024 16:41	FO
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/L	0.500	1	EPA 8260C	09/28/2024 11:19	09/28/2024 16:41	FO
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.500	1	EPA 8260C	09/28/2024 11:19	09/28/2024 16:41	FO
75-34-3	1,1-Dichloroethane	ND		ug/L	0.500	1	EPA 8260C	09/28/2024 11:19	09/28/2024 16:41	FO
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.500	1	EPA 8260C	09/28/2024 11:19	09/28/2024 16:41	FO
563-58-6	1,1-Dichloropropylene	ND		ug/L	0.500	1	EPA 8260C	09/28/2024 11:19	09/28/2024 16:41	FO
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	0.500	1	EPA 8260C	09/28/2024 11:19	09/28/2024 16:41	FO
96-18-4	1,2,3-Trichloropropane	ND		ug/L	0.500	1	EPA 8260C	09/28/2024 11:19	09/28/2024 16:41	FO
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.500	1	EPA 8260C	09/28/2024 11:19	09/28/2024 16:41	FO
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	0.500	1	EPA 8260C	09/28/2024 11:19	09/28/2024 16:41	FO
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.500	1	EPA 8260C	09/28/2024 11:19	09/28/2024 16:41	FO
106-93-4	1,2-Dibromoethane	ND		ug/L	0.500	1	EPA 8260C	09/28/2024 11:19	09/28/2024 16:41	FO
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.500	1	EPA 8260C	09/28/2024 11:19	09/28/2024 16:41	FO
107-06-2	1,2-Dichloroethane	ND		ug/L	0.500	1	EPA 8260C	09/28/2024 11:19	09/28/2024 16:41	FO
78-87-5	1,2-Dichloropropane	ND		ug/L	0.500	1	EPA 8260C	09/28/2024 11:19	09/28/2024 16:41	FO
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	0.500	1	EPA 8260C	09/28/2024 11:19	09/28/2024 16:41	FO
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.500	1	EPA 8260C	09/28/2024 11:19	09/28/2024 16:41	FO
142-28-9	1,3-Dichloropropane	ND		ug/L	0.500	1	EPA 8260C	09/28/2024 11:19	09/28/2024 16:41	FO
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.500	1	EPA 8260C	09/28/2024 11:19	09/28/2024 16:41	FO
594-20-7	2,2-Dichloropropane	ND		ug/L	0.500	1	EPA 8260C	09/28/2024 11:19	09/28/2024 16:41	FO
78-93-3	2-Butanone	ND	CCVE	ug/L	0.500	1	EPA 8260C	09/28/2024 11:19	09/28/2024 16:41	FO
95-49-8	2-Chlorotoluene	ND		ug/L	0.500	1	EPA 8260C	09/28/2024 11:19	09/28/2024 16:41	FO
591-78-6	2-Hexanone	ND		ug/L	0.500	1	EPA 8260C	09/28/2024 11:19	09/28/2024 16:41	FO
106-43-4	4-Chlorotoluene	ND		ug/L	0.500	1	EPA 8260C	09/28/2024 11:19	09/28/2024 16:41	FO
108-10-1	4-Methyl-2-pentanone	ND		ug/L	0.500	1	EPA 8260C	09/28/2024 11:19	09/28/2024 16:41	FO
67-64-1	Acetone	ND		ug/L	2.00	1	EPA 8260C	09/28/2024 11:19	09/28/2024 16:41	FO
107-13-1	Acrylonitrile	ND		ug/L	0.500	1	EPA 8260C	09/28/2024 11:19	09/28/2024 16:41	FO
71-43-2	Benzene	ND		ug/L	0.500	1	EPA 8260C	09/28/2024 11:19	09/28/2024 16:41	FO
108-86-1	Bromobenzene	ND		ug/L	0.500	1	EPA 8260C	09/28/2024 11:19	09/28/2024 16:41	FO
74-97-5	Bromochloromethane	ND		ug/L	0.500	1	EPA 8260C	09/28/2024 11:19	09/28/2024 16:41	FO
75-27-4	Bromodichloromethane	ND		ug/L	0.500	1	EPA 8260C	09/28/2024 11:19	09/28/2024 16:41	FO
75-25-2	Bromoform	ND		ug/L	0.500	1	EPA 8260C	09/28/2024 11:19	09/28/2024 16:41	FO
74-83-9	Bromomethane	ND	CCVE	ug/L	0.500	1	EPA 8260C	09/28/2024 11:19	09/28/2024 16:41	FO
75-15-0	Carbon disulfide	ND		ug/L	0.500	1	EPA 8260C	09/28/2024 11:19	09/28/2024 16:41	FO
56-23-5	Carbon tetrachloride	ND		ug/L	0.500	1	EPA 8260C	09/28/2024 11:19	09/28/2024 16:41	FO

Sample Information

Client Sample ID: MW-15 **York Sample ID:** 24I1423 17

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24I1423	TE23-007 Region 18	Ground Water	September 21, 2024 3:00 pm	09/24/2024

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
108 90 7	Chlorobenzene	ND		ug/L	0 500	1	EPA 8260C	09/28/2024 11:19	09/28/2024 16:41	FO
75-00-3	Chloroethane	ND		ug/L	0.500	1	EPA 8260C	09/28/2024 11:19	09/28/2024 16:41	FO
67 66 3	Chloroform	ND		ug/L	0 500	1	EPA 8260C	09/28/2024 11:19	09/28/2024 16:41	FO
74-87-3	Chloromethane	ND		ug/L	0.500	1	EPA 8260C	09/28/2024 11:19	09/28/2024 16:41	FO
156-59-2	cis-1,2-Dichloroethylene	ND		ug/L	0.500	1	EPA 8260C	09/28/2024 11:19	09/28/2024 16:41	FO
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.500	1	EPA 8260C	09/28/2024 11:19	09/28/2024 16:41	FO
124-48-1	Dibromochloromethane	ND		ug/L	0.500	1	EPA 8260C	09/28/2024 11:19	09/28/2024 16:41	FO
74-95-3	Dibromomethane	ND		ug/L	0.500	1	EPA 8260C	09/28/2024 11:19	09/28/2024 16:41	FO
75-71-8	Dichlorodifluoromethane	ND	CCVE	ug/L	0.500	1	EPA 8260C	09/28/2024 11:19	09/28/2024 16:41	FO
100-41-4	Ethyl Benzene	ND		ug/L	0.500	1	EPA 8260C	09/28/2024 11:19	09/28/2024 16:41	FO
87-68-3	Hexachlorobutadiene	ND		ug/L	0.500	1	EPA 8260C	09/28/2024 11:19	09/28/2024 16:41	FO
98-82-8	Isopropylbenzene	ND		ug/L	0.500	1	EPA 8260C	09/28/2024 11:19	09/28/2024 16:41	FO
80-62-6	Methyl Methacrylate	ND		ug/L	0.500	1	EPA 8260C	09/28/2024 11:19	09/28/2024 16:41	FO
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.500	1	EPA 8260C	09/28/2024 11:19	09/28/2024 16:41	FO
75-09-2	Methylene chloride	ND		ug/L	2.00	1	EPA 8260C	09/28/2024 11:19	09/28/2024 16:41	FO
91-20-3	Naphthalene	ND		ug/L	2.00	1	EPA 8260C	09/28/2024 11:19	09/28/2024 16:41	FO
104-51-8	n-Butylbenzene	ND		ug/L	0.500	1	EPA 8260C	09/28/2024 11:19	09/28/2024 16:41	FO
103-65-1	n-Propylbenzene	ND		ug/L	0.500	1	EPA 8260C	09/28/2024 11:19	09/28/2024 16:41	FO
95-47-6	o-Xylene	ND		ug/L	0.500	1	EPA 8260C	09/28/2024 11:19	09/28/2024 16:41	FO
179601-23-1	p- & m- Xylenes	ND		ug/L	1.00	1	EPA 8260C	09/28/2024 11:19	09/28/2024 16:41	FO
99-87-6	p-Isopropyltoluene	ND		ug/L	0.500	1	EPA 8260C	09/28/2024 11:19	09/28/2024 16:41	FO
135-98-8	sec-Butylbenzene	ND		ug/L	0.500	1	EPA 8260C	09/28/2024 11:19	09/28/2024 16:41	FO
100-42-5	Styrene	ND		ug/L	0.500	1	EPA 8260C	09/28/2024 11:19	09/28/2024 16:41	FO
98-06-6	tert-Butylbenzene	ND		ug/L	0.500	1	EPA 8260C	09/28/2024 11:19	09/28/2024 16:41	FO
127-18-4	Tetrachloroethylene	ND	ICVE, QL-02	ug/L	0.500	1	EPA 8260C	09/28/2024 11:19	09/28/2024 16:41	FO
109-99-9	Tetrahydrofuran	ND	CCVE	ug/L	4.00	1	EPA 8260C	09/28/2024 11:19	09/28/2024 16:41	FO
108-88-3	Toluene	ND		ug/L	0.500	1	EPA 8260C	09/28/2024 11:19	09/28/2024 16:41	FO
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.500	1	EPA 8260C	09/28/2024 11:19	09/28/2024 16:41	FO
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.500	1	EPA 8260C	09/28/2024 11:19	09/28/2024 16:41	FO
110-57-6	trans-1,4-dichloro-2-butene	ND		ug/L	0.500	1	EPA 8260C	09/28/2024 11:19	09/28/2024 16:41	FO
79-01-6	Trichloroethylene	ND		ug/L	0.500	1	EPA 8260C	09/28/2024 11:19	09/28/2024 16:41	FO
75-69-4	Trichlorofluoromethane	ND		ug/L	0.500	1	EPA 8260C	09/28/2024 11:19	09/28/2024 16:41	FO
75-01-4	Vinyl Chloride	ND		ug/L	0.500	1	EPA 8260C	09/28/2024 11:19	09/28/2024 16:41	FO

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: SURR: 1,2-Dichloroethane-d4*	*102 %*	*70-130*
2037-26-5	*Surrogate: SURR: Toluene-d8*	*104 %*	*70-130*
460-00-4	*Surrogate: SURR: p-Bromofluorobenzene*	*104 %*	*70-130*

Sample Information

Client Sample ID: MW-15 **York Sample ID:** 24I1423-17

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24I1423	TE23-007 Region 18	Ground Water	September 21, 2024 3:00 pm	09/24/2024

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	09/26/2024 09:31	09/27/2024 14:11	LL

	Surrogate Recoveries	Result	Acceptance Range
4165-60-0	*Surrogate: SURR: Nitrobenzene-d5*	*33.3 %*	*30-130*
321-60-8	*Surrogate: SURR: 2-Fluorobiphenyl*	*32.7 %*	*30-130*
1718-51-0	*Surrogate: SURR: Terphenyl-d14*	*35.8 %*	*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	09/26/2024 09:31	09/30/2024 17:58	SS
208-96-8	Acenaphthylene	ND		ug/L	0.0500	1	EPA 8270D SIM	09/26/2024 09:31	09/30/2024 17:58	SS
120-12-7	Anthracene	ND		ug/L	0.0500	1	EPA 8270D SIM	09/26/2024 09:31	09/30/2024 17:58	SS
56-55-3	Benzo(a)anthracene	ND		ug/L	0.0500	1	EPA 8270D SIM	09/26/2024 09:31	09/30/2024 17:58	SS
50-32-8	Benzo(a)pyrene	ND		ug/L	0.0500	1	EPA 8270D SIM	09/26/2024 09:31	09/30/2024 17:58	SS
205-99-2	Benzo(b)fluoranthene	ND		ug/L	0.0500	1	EPA 8270D SIM	09/26/2024 09:31	09/30/2024 17:58	SS
191-24-2	Benzo(g,h,i)perylene	ND		ug/L	0.0500	1	EPA 8270D SIM	09/26/2024 09:31	09/30/2024 17:58	SS
207-08-9	Benzo(k)fluoranthene	ND		ug/L	0.0500	1	EPA 8270D SIM	09/26/2024 09:31	09/30/2024 17:58	SS
218-01-9	Chrysene	ND		ug/L	0.0500	1	EPA 8270D SIM	09/26/2024 09:31	09/30/2024 17:58	SS
53-70-3	Dibenzo(a,h)anthracene	ND		ug/L	0.0500	1	EPA 8270D SIM	09/26/2024 09:31	09/30/2024 17:58	SS
206-44-0	Fluoranthene	ND		ug/L	0.0500	1	EPA 8270D SIM	09/26/2024 09:31	09/30/2024 17:58	SS
86-73-7	Fluorene	ND		ug/L	0.0500	1	EPA 8270D SIM	09/26/2024 09:31	09/30/2024 17:58	SS
193-39-5	Indeno(1,2,3-cd)pyrene	ND		ug/L	0.0500	1	EPA 8270D SIM	09/26/2024 09:31	09/30/2024 17:58	SS
91-20-3	Naphthalene	ND		ug/L	0.0500	1	EPA 8270D SIM	09/26/2024 09:31	09/30/2024 17:58	SS
85-01-8	Phenanthrene	ND		ug/L	0.0500	1	EPA 8270D SIM	09/26/2024 09:31	09/30/2024 17:58	SS
129-00-0	Pyrene	ND		ug/L	0.0500	1	EPA 8270D SIM	09/26/2024 09:31	09/30/2024 17:58	SS

Extractable Total Petroleum Hydrocarbons (ETPH)

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

Sample Prepared by Method: EPA SW846-3510C Low Level

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	09/26/2024 08:21	09/27/2024 10:40	GXB

	Surrogate Recoveries	Result	Acceptance Range
3386-33-2	*Surrogate: 1-Chlorooctadecane*	*52.1 %*	*30-140*

Sample Information

Client Sample ID: MW-16 **York Sample ID:** 24I1423 18

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24I1423	TE23-007 Region 18	Ground Water	September 21, 2024 1:20 pm	09/24/2024

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	09/28/2024 11:19	09/28/2024 17:07	FO
71-55-6	1,1,1-Trichloroethane	ND		ug/L	0.500	1	EPA 8260C	09/28/2024 11:19	09/28/2024 17:07	FO
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.500	1	EPA 8260C	09/28/2024 11:19	09/28/2024 17:07	FO
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/L	0.500	1	EPA 8260C	09/28/2024 11:19	09/28/2024 17:07	FO
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.500	1	EPA 8260C	09/28/2024 11:19	09/28/2024 17:07	FO
75-34-3	1,1-Dichloroethane	ND		ug/L	0.500	1	EPA 8260C	09/28/2024 11:19	09/28/2024 17:07	FO
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.500	1	EPA 8260C	09/28/2024 11:19	09/28/2024 17:07	FO
563-58-6	1,1-Dichloropropylene	ND		ug/L	0.500	1	EPA 8260C	09/28/2024 11:19	09/28/2024 17:07	FO
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	0.500	1	EPA 8260C	09/28/2024 11:19	09/28/2024 17:07	FO
96-18-4	1,2,3-Trichloropropane	ND		ug/L	0.500	1	EPA 8260C	09/28/2024 11:19	09/28/2024 17:07	FO
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.500	1	EPA 8260C	09/28/2024 11:19	09/28/2024 17:07	FO
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	0.500	1	EPA 8260C	09/28/2024 11:19	09/28/2024 17:07	FO
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.500	1	EPA 8260C	09/28/2024 11:19	09/28/2024 17:07	FO
106-93-4	1,2-Dibromoethane	ND		ug/L	0.500	1	EPA 8260C	09/28/2024 11:19	09/28/2024 17:07	FO
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.500	1	EPA 8260C	09/28/2024 11:19	09/28/2024 17:07	FO
107-06-2	1,2-Dichloroethane	ND		ug/L	0.500	1	EPA 8260C	09/28/2024 11:19	09/28/2024 17:07	FO
78-87-5	1,2-Dichloropropane	ND		ug/L	0.500	1	EPA 8260C	09/28/2024 11:19	09/28/2024 17:07	FO
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	0.500	1	EPA 8260C	09/28/2024 11:19	09/28/2024 17:07	FO
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.500	1	EPA 8260C	09/28/2024 11:19	09/28/2024 17:07	FO
142-28-9	1,3-Dichloropropane	ND		ug/L	0.500	1	EPA 8260C	09/28/2024 11:19	09/28/2024 17:07	FO
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.500	1	EPA 8260C	09/28/2024 11:19	09/28/2024 17:07	FO
594-20-7	2,2-Dichloropropane	ND		ug/L	0.500	1	EPA 8260C	09/28/2024 11:19	09/28/2024 17:07	FO
78-93-3	2-Butanone	ND	CCVE	ug/L	0.500	1	EPA 8260C	09/28/2024 11:19	09/28/2024 17:07	FO
95-49-8	2-Chlorotoluene	ND		ug/L	0.500	1	EPA 8260C	09/28/2024 11:19	09/28/2024 17:07	FO
591-78-6	2-Hexanone	ND		ug/L	0.500	1	EPA 8260C	09/28/2024 11:19	09/28/2024 17:07	FO
106-43-4	4-Chlorotoluene	ND		ug/L	0.500	1	EPA 8260C	09/28/2024 11:19	09/28/2024 17:07	FO
108-10-1	4-Methyl-2-pentanone	ND		ug/L	0.500	1	EPA 8260C	09/28/2024 11:19	09/28/2024 17:07	FO
67-64-1	Acetone	ND		ug/L	2.00	1	EPA 8260C	09/28/2024 11:19	09/28/2024 17:07	FO
107-13-1	Acrylonitrile	ND		ug/L	0.500	1	EPA 8260C	09/28/2024 11:19	09/28/2024 17:07	FO
71-43-2	Benzene	ND		ug/L	0.500	1	EPA 8260C	09/28/2024 11:19	09/28/2024 17:07	FO
108-86-1	Bromobenzene	ND		ug/L	0.500	1	EPA 8260C	09/28/2024 11:19	09/28/2024 17:07	FO
74-97-5	Bromochloromethane	ND		ug/L	0.500	1	EPA 8260C	09/28/2024 11:19	09/28/2024 17:07	FO
75-27-4	Bromodichloromethane	ND		ug/L	0.500	1	EPA 8260C	09/28/2024 11:19	09/28/2024 17:07	FO
75-25-2	Bromoform	ND		ug/L	0.500	1	EPA 8260C	09/28/2024 11:19	09/28/2024 17:07	FO
74-83-9	Bromomethane	ND	CCVE	ug/L	0.500	1	EPA 8260C	09/28/2024 11:19	09/28/2024 17:07	FO
75-15-0	Carbon disulfide	ND		ug/L	0.500	1	EPA 8260C	09/28/2024 11:19	09/28/2024 17:07	FO
56-23-5	Carbon tetrachloride	ND		ug/L	0.500	1	EPA 8260C	09/28/2024 11:19	09/28/2024 17:07	FO

Sample Information

Client Sample ID: MW-16 **York Sample ID:** 24I1423 18

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24I1423	TE23-007 Region 18	Ground Water	September 21, 2024 1:20 pm	09/24/2024

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
108 90 7	Chlorobenzene	ND		ug/L	0 500	1	EPA 8260C	09/28/2024 11:19	09/28/2024 17:07	FO
75-00-3	Chloroethane	ND		ug/L	0.500	1	EPA 8260C	09/28/2024 11:19	09/28/2024 17:07	FO
67 66 3	Chloroform	ND		ug/L	0 500	1	EPA 8260C	09/28/2024 11:19	09/28/2024 17:07	FO
74-87-3	Chloromethane	ND		ug/L	0.500	1	EPA 8260C	09/28/2024 11:19	09/28/2024 17:07	FO
156-59-2	cis-1,2-Dichloroethylene	ND		ug/L	0.500	1	EPA 8260C	09/28/2024 11:19	09/28/2024 17:07	FO
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.500	1	EPA 8260C	09/28/2024 11:19	09/28/2024 17:07	FO
124-48-1	Dibromochloromethane	ND		ug/L	0.500	1	EPA 8260C	09/28/2024 11:19	09/28/2024 17:07	FO
74-95-3	Dibromomethane	ND		ug/L	0.500	1	EPA 8260C	09/28/2024 11:19	09/28/2024 17:07	FO
75-71-8	Dichlorodifluoromethane	ND	CCVE	ug/L	0.500	1	EPA 8260C	09/28/2024 11:19	09/28/2024 17:07	FO
100-41-4	Ethyl Benzene	ND		ug/L	0.500	1	EPA 8260C	09/28/2024 11:19	09/28/2024 17:07	FO
87-68-3	Hexachlorobutadiene	ND		ug/L	0.500	1	EPA 8260C	09/28/2024 11:19	09/28/2024 17:07	FO
98-82-8	Isopropylbenzene	ND		ug/L	0.500	1	EPA 8260C	09/28/2024 11:19	09/28/2024 17:07	FO
80-62-6	Methyl Methacrylate	ND		ug/L	0.500	1	EPA 8260C	09/28/2024 11:19	09/28/2024 17:07	FO
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.500	1	EPA 8260C	09/28/2024 11:19	09/28/2024 17:07	FO
75-09-2	Methylene chloride	ND		ug/L	2.00	1	EPA 8260C	09/28/2024 11:19	09/28/2024 17:07	FO
91-20-3	Naphthalene	ND		ug/L	2.00	1	EPA 8260C	09/28/2024 11:19	09/28/2024 17:07	FO
104-51-8	n-Butylbenzene	ND		ug/L	0.500	1	EPA 8260C	09/28/2024 11:19	09/28/2024 17:07	FO
103-65-1	n-Propylbenzene	ND		ug/L	0.500	1	EPA 8260C	09/28/2024 11:19	09/28/2024 17:07	FO
95-47-6	o-Xylene	ND		ug/L	0.500	1	EPA 8260C	09/28/2024 11:19	09/28/2024 17:07	FO
179601-23-1	p- & m- Xylenes	ND		ug/L	1.00	1	EPA 8260C	09/28/2024 11:19	09/28/2024 17:07	FO
99-87-6	p-Isopropyltoluene	ND		ug/L	0.500	1	EPA 8260C	09/28/2024 11:19	09/28/2024 17:07	FO
135-98-8	sec-Butylbenzene	ND		ug/L	0.500	1	EPA 8260C	09/28/2024 11:19	09/28/2024 17:07	FO
100-42-5	Styrene	ND		ug/L	0.500	1	EPA 8260C	09/28/2024 11:19	09/28/2024 17:07	FO
98-06-6	tert-Butylbenzene	ND		ug/L	0.500	1	EPA 8260C	09/28/2024 11:19	09/28/2024 17:07	FO
127-18-4	Tetrachloroethylene	ND	ICVE, QL-02	ug/L	0.500	1	EPA 8260C	09/28/2024 11:19	09/28/2024 17:07	FO
109-99-9	Tetrahydrofuran	ND	CCVE	ug/L	4.00	1	EPA 8260C	09/28/2024 11:19	09/28/2024 17:07	FO
108-88-3	Toluene	ND		ug/L	0.500	1	EPA 8260C	09/28/2024 11:19	09/28/2024 17:07	FO
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.500	1	EPA 8260C	09/28/2024 11:19	09/28/2024 17:07	FO
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.500	1	EPA 8260C	09/28/2024 11:19	09/28/2024 17:07	FO
110-57-6	trans-1,4-dichloro-2-butene	ND		ug/L	0.500	1	EPA 8260C	09/28/2024 11:19	09/28/2024 17:07	FO
79-01-6	Trichloroethylene	ND		ug/L	0.500	1	EPA 8260C	09/28/2024 11:19	09/28/2024 17:07	FO
75-69-4	Trichlorofluoromethane	ND		ug/L	0.500	1	EPA 8260C	09/28/2024 11:19	09/28/2024 17:07	FO
75-01-4	Vinyl Chloride	ND		ug/L	0.500	1	EPA 8260C	09/28/2024 11:19	09/28/2024 17:07	FO

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: SURR: 1,2-Dichloroethane-d4*	*96.7 %*	*70-130*
2037-26-5	*Surrogate: SURR: Toluene-d8*	*106 %*	*70-130*
460-00-4	*Surrogate: SURR: p-Bromofluorobenzene*	*108 %*	*70-130*

Sample Information

Client Sample ID: MW-16 **York Sample ID:** 24I1423-18

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24I1423	TE23-007 Region 18	Ground Water	September 21, 2024 1:20 pm	09/24/2024

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	09/26/2024 09:31	09/27/2024 14:41	LL
	Surrogate Recoveries	**Result**			**Acceptance Range**					
4165-60-0	*Surrogate: SURR: Nitrobenzene-d5*	*59.3 %*			*30-130*					
321-60-8	*Surrogate: SURR: 2-Fluorobiphenyl*	*61.4 %*			*30-130*					
1718-51-0	*Surrogate: SURR: Terphenyl-d14*	*57.9 %*			*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		ug/L	0.0500	1	EPA 8270D SIM	09/26/2024 09:31	09/30/2024 18:27	SS
208-96-8	Acenaphthylene	ND		ug/L	0.0500	1	EPA 8270D SIM	09/26/2024 09:31	09/30/2024 18:27	SS
120-12-7	Anthracene	ND		ug/L	0.0500	1	EPA 8270D SIM	09/26/2024 09:31	09/30/2024 18:27	SS
56-55-3	Benzo(a)anthracene	ND		ug/L	0.0500	1	EPA 8270D SIM	09/26/2024 09:31	09/30/2024 18:27	SS
50-32-8	Benzo(a)pyrene	ND		ug/L	0.0500	1	EPA 8270D SIM	09/26/2024 09:31	09/30/2024 18:27	SS
205-99-2	Benzo(b)fluoranthene	ND		ug/L	0.0500	1	EPA 8270D SIM	09/26/2024 09:31	09/30/2024 18:27	SS
191-24-2	Benzo(g,h,i)perylene	ND		ug/L	0.0500	1	EPA 8270D SIM	09/26/2024 09:31	09/30/2024 18:27	SS
207-08-9	Benzo(k)fluoranthene	ND		ug/L	0.0500	1	EPA 8270D SIM	09/26/2024 09:31	09/30/2024 18:27	SS
218-01-9	Chrysene	ND		ug/L	0.0500	1	EPA 8270D SIM	09/26/2024 09:31	09/30/2024 18:27	SS
53-70-3	Dibenzo(a,h)anthracene	ND		ug/L	0.0500	1	EPA 8270D SIM	09/26/2024 09:31	09/30/2024 18:27	SS
206-44-0	Fluoranthene	ND		ug/L	0.0500	1	EPA 8270D SIM	09/26/2024 09:31	09/30/2024 18:27	SS
86-73-7	Fluorene	ND		ug/L	0.0500	1	EPA 8270D SIM	09/26/2024 09:31	09/30/2024 18:27	SS
193-39-5	Indeno(1,2,3-cd)pyrene	ND		ug/L	0.0500	1	EPA 8270D SIM	09/26/2024 09:31	09/30/2024 18:27	SS
91-20-3	Naphthalene	ND		ug/L	0.0500	1	EPA 8270D SIM	09/26/2024 09:31	09/30/2024 18:27	SS
85-01-8	Phenanthrene	ND		ug/L	0.0500	1	EPA 8270D SIM	09/26/2024 09:31	09/30/2024 18:27	SS
129-00-0	Pyrene	ND		ug/L	0.0500	1	EPA 8270D SIM	09/26/2024 09:31	09/30/2024 18:27	SS

Extractable Total Petroleum Hydrocarbons (ETPH)

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

Sample Prepared by Method: EPA SW846-3510C Low Level

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	09/26/2024 08:21	09/27/2024 11:18	GXB
	Surrogate Recoveries	**Result**			**Acceptance Range**					
3386-33-2	*Surrogate: 1-Chlorooctadecane*	*54.4 %*			*30-140*					

Sample Information

Client Sample ID: MW-17 **York Sample ID:** 24I1423 19

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24I1423	TE23-007 Region 18	Ground Water	September 21, 2024 3:00 pm	09/24/2024

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	09/28/2024 11:19	09/28/2024 17:34	FO
71-55-6	1,1,1-Trichloroethane	ND		ug/L	0.500	1	EPA 8260C	09/28/2024 11:19	09/28/2024 17:34	FO
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.500	1	EPA 8260C	09/28/2024 11:19	09/28/2024 17:34	FO
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/L	0.500	1	EPA 8260C	09/28/2024 11:19	09/28/2024 17:34	FO
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.500	1	EPA 8260C	09/28/2024 11:19	09/28/2024 17:34	FO
75-34-3	1,1-Dichloroethane	ND		ug/L	0.500	1	EPA 8260C	09/28/2024 11:19	09/28/2024 17:34	FO
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.500	1	EPA 8260C	09/28/2024 11:19	09/28/2024 17:34	FO
563-58-6	1,1-Dichloropropylene	ND		ug/L	0.500	1	EPA 8260C	09/28/2024 11:19	09/28/2024 17:34	FO
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	0.500	1	EPA 8260C	09/28/2024 11:19	09/28/2024 17:34	FO
96-18-4	1,2,3-Trichloropropane	ND		ug/L	0.500	1	EPA 8260C	09/28/2024 11:19	09/28/2024 17:34	FO
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.500	1	EPA 8260C	09/28/2024 11:19	09/28/2024 17:34	FO
95-63-6	**1,2,4-Trimethylbenzene**	**5.50**		ug/L	0.500	1	EPA 8260C	09/28/2024 11:19	09/28/2024 17:34	FO
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.500	1	EPA 8260C	09/28/2024 11:19	09/28/2024 17:34	FO
106-93-4	1,2-Dibromoethane	ND		ug/L	0.500	1	EPA 8260C	09/28/2024 11:19	09/28/2024 17:34	FO
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.500	1	EPA 8260C	09/28/2024 11:19	09/28/2024 17:34	FO
107-06-2	1,2-Dichloroethane	ND		ug/L	0.500	1	EPA 8260C	09/28/2024 11:19	09/28/2024 17:34	FO
78-87-5	1,2-Dichloropropane	ND		ug/L	0.500	1	EPA 8260C	09/28/2024 11:19	09/28/2024 17:34	FO
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	0.500	1	EPA 8260C	09/28/2024 11:19	09/28/2024 17:34	FO
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.500	1	EPA 8260C	09/28/2024 11:19	09/28/2024 17:34	FO
142-28-9	1,3-Dichloropropane	ND		ug/L	0.500	1	EPA 8260C	09/28/2024 11:19	09/28/2024 17:34	FO
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.500	1	EPA 8260C	09/28/2024 11:19	09/28/2024 17:34	FO
594-20-7	2,2-Dichloropropane	ND		ug/L	0.500	1	EPA 8260C	09/28/2024 11:19	09/28/2024 17:34	FO
78-93-3	2-Butanone	ND	CCVE	ug/L	0.500	1	EPA 8260C	09/28/2024 11:19	09/28/2024 17:34	FO
95-49-8	2-Chlorotoluene	ND		ug/L	0.500	1	EPA 8260C	09/28/2024 11:19	09/28/2024 17:34	FO
591-78-6	2-Hexanone	ND		ug/L	0.500	1	EPA 8260C	09/28/2024 11:19	09/28/2024 17:34	FO
106-43-4	4-Chlorotoluene	ND		ug/L	0.500	1	EPA 8260C	09/28/2024 11:19	09/28/2024 17:34	FO
108-10-1	4-Methyl-2-pentanone	ND		ug/L	0.500	1	EPA 8260C	09/28/2024 11:19	09/28/2024 17:34	FO
67-64-1	Acetone	ND		ug/L	2.00	1	EPA 8260C	09/28/2024 11:19	09/28/2024 17:34	FO
107-13-1	Acrylonitrile	ND		ug/L	0.500	1	EPA 8260C	09/28/2024 11:19	09/28/2024 17:34	FO
71-43-2	**Benzene**	**1.62**		ug/L	0.500	1	EPA 8260C	09/28/2024 11:19	09/28/2024 17:34	FO
108-86-1	Bromobenzene	ND		ug/L	0.500	1	EPA 8260C	09/28/2024 11:19	09/28/2024 17:34	FO
74-97-5	Bromochloromethane	ND		ug/L	0.500	1	EPA 8260C	09/28/2024 11:19	09/28/2024 17:34	FO
75-27-4	Bromodichloromethane	ND		ug/L	0.500	1	EPA 8260C	09/28/2024 11:19	09/28/2024 17:34	FO
75-25-2	Bromoform	ND		ug/L	0.500	1	EPA 8260C	09/28/2024 11:19	09/28/2024 17:34	FO
74-83-9	Bromomethane	ND	CCVE	ug/L	0.500	1	EPA 8260C	09/28/2024 11:19	09/28/2024 17:34	FO
75-15-0	Carbon disulfide	ND		ug/L	0.500	1	EPA 8260C	09/28/2024 11:19	09/28/2024 17:34	FO
56-23-5	Carbon tetrachloride	ND		ug/L	0.500	1	EPA 8260C	09/28/2024 11:19	09/28/2024 17:34	FO

Sample Information

Client Sample ID: MW-17 **York Sample ID:** 24I1423 19

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24I1423	TE23-007 Region 18	Ground Water	September 21, 2024 3:00 pm	09/24/2024

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
108 90 7	Chlorobenzene	ND		ug/L	0 500	1	EPA 8260C	09/28/2024 11:19	09/28/2024 17:34	FO
75-00-3	Chloroethane	ND		ug/L	0.500	1	EPA 8260C	09/28/2024 11:19	09/28/2024 17:34	FO
67 66 3	Chloroform	ND		ug/L	0 500	1	EPA 8260C	09/28/2024 11:19	09/28/2024 17:34	FO
74-87-3	Chloromethane	ND		ug/L	0.500	1	EPA 8260C	09/28/2024 11:19	09/28/2024 17:34	FO
156-59-2	cis-1,2-Dichloroethylene	ND		ug/L	0.500	1	EPA 8260C	09/28/2024 11:19	09/28/2024 17:34	FO
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.500	1	EPA 8260C	09/28/2024 11:19	09/28/2024 17:34	FO
124-48-1	Dibromochloromethane	ND		ug/L	0.500	1	EPA 8260C	09/28/2024 11:19	09/28/2024 17:34	FO
74-95-3	Dibromomethane	ND		ug/L	0.500	1	EPA 8260C	09/28/2024 11:19	09/28/2024 17:34	FO
75-71-8	Dichlorodifluoromethane	ND	CCVE	ug/L	0.500	1	EPA 8260C	09/28/2024 11:19	09/28/2024 17:34	FO
100-41-4	**Ethyl Benzene**	**3.83**		ug/L	0.500	1	EPA 8260C	09/28/2024 11:19	09/28/2024 17:34	FO
87-68-3	Hexachlorobutadiene	ND		ug/L	0.500	1	EPA 8260C	09/28/2024 11:19	09/28/2024 17:34	FO
98-82-8	**Isopropylbenzene**	**0.720**		ug/L	0.500	1	EPA 8260C	09/28/2024 11:19	09/28/2024 17:34	FO
80-62-6	Methyl Methacrylate	ND		ug/L	0.500	1	EPA 8260C	09/28/2024 11:19	09/28/2024 17:34	FO
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.500	1	EPA 8260C	09/28/2024 11:19	09/28/2024 17:34	FO
75-09-2	Methylene chloride	ND		ug/L	2.00	1	EPA 8260C	09/28/2024 11:19	09/28/2024 17:34	FO
91-20-3	Naphthalene	ND		ug/L	2.00	1	EPA 8260C	09/28/2024 11:19	09/28/2024 17:34	FO
104-51-8	n-Butylbenzene	ND		ug/L	0.500	1	EPA 8260C	09/28/2024 11:19	09/28/2024 17:34	FO
103-65-1	**n-Propylbenzene**	**1.14**	ICVE20	ug/L	0.500	1	EPA 8260C	09/28/2024 11:19	09/28/2024 17:34	FO
95-47-6	o-Xylene	ND		ug/L	0.500	1	EPA 8260C	09/28/2024 11:19	09/28/2024 17:34	FO
179601-23-1	**p- & m- Xylenes**	**1.72**		ug/L	1.00	1	EPA 8260C	09/28/2024 11:19	09/28/2024 17:34	FO
99-87-6	p-Isopropyltoluene	ND		ug/L	0.500	1	EPA 8260C	09/28/2024 11:19	09/28/2024 17:34	FO
135-98-8	sec-Butylbenzene	ND		ug/L	0.500	1	EPA 8260C	09/28/2024 11:19	09/28/2024 17:34	FO
100-42-5	Styrene	ND		ug/L	0.500	1	EPA 8260C	09/28/2024 11:19	09/28/2024 17:34	FO
98-06-6	tert-Butylbenzene	ND		ug/L	0.500	1	EPA 8260C	09/28/2024 11:19	09/28/2024 17:34	FO
127-18-4	Tetrachloroethylene	ND	QL-02, ICVE	ug/L	0.500	1	EPA 8260C	09/28/2024 11:19	09/28/2024 17:34	FO
109-99-9	Tetrahydrofuran	ND	CCVE	ug/L	4.00	1	EPA 8260C	09/28/2024 11:19	09/28/2024 17:34	FO
108-88-3	Toluene	ND		ug/L	0.500	1	EPA 8260C	09/28/2024 11:19	09/28/2024 17:34	FO
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.500	1	EPA 8260C	09/28/2024 11:19	09/28/2024 17:34	FO
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.500	1	EPA 8260C	09/28/2024 11:19	09/28/2024 17:34	FO
110-57-6	trans-1,4-dichloro-2-butene	ND		ug/L	0.500	1	EPA 8260C	09/28/2024 11:19	09/28/2024 17:34	FO
79-01-6	Trichloroethylene	ND		ug/L	0.500	1	EPA 8260C	09/28/2024 11:19	09/28/2024 17:34	FO
75-69-4	Trichlorofluoromethane	ND		ug/L	0.500	1	EPA 8260C	09/28/2024 11:19	09/28/2024 17:34	FO
75-01-4	Vinyl Chloride	ND		ug/L	0.500	1	EPA 8260C	09/28/2024 11:19	09/28/2024 17:34	FO

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: SURR: 1,2-Dichloroethane-d4*	*102 %*	*70-130*
2037-26-5	*Surrogate: SURR: Toluene-d8*	*105 %*	*70-130*
460-00-4	*Surrogate: SURR: p-Bromofluorobenzene*	*104 %*	*70-130*

Sample Information

Client Sample ID: MW-17 **York Sample ID:** 24I1423-19

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24I1423	TE23-007 Region 18	Ground Water	September 21, 2024 3:00 pm	09/24/2024

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	09/26/2024 09:31	09/27/2024 15:11	LL
	Surrogate Recoveries	**Result**			**Acceptance Range**					
4165-60-0	*Surrogate: SURR: Nitrobenzene-d5*	*72.4 %*			*30-130*					
321-60-8	*Surrogate: SURR: 2-Fluorobiphenyl*	*74.3 %*			*30-130*					
1718-51-0	*Surrogate: SURR: Terphenyl-d14*	*59.1 %*			*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		ug/L	0.0500	1	EPA 8270D SIM	09/26/2024 09:31	10/01/2024 15:03	LL
208-96-8	Acenaphthylene	ND		ug/L	0.0500	1	EPA 8270D SIM	09/26/2024 09:31	10/01/2024 15:03	LL
120-12-7	Anthracene	ND		ug/L	0.0500	1	EPA 8270D SIM	09/26/2024 09:31	10/01/2024 15:03	LL
56-55-3	Benzo(a)anthracene	ND		ug/L	0.0500	1	EPA 8270D SIM	09/26/2024 09:31	10/01/2024 15:03	LL
50-32-8	Benzo(a)pyrene	ND		ug/L	0.0500	1	EPA 8270D SIM	09/26/2024 09:31	10/01/2024 15:03	LL
205-99-2	Benzo(b)fluoranthene	ND		ug/L	0.0500	1	EPA 8270D SIM	09/26/2024 09:31	10/01/2024 15:03	LL
191-24-2	Benzo(g,h,i)perylene	ND		ug/L	0.0500	1	EPA 8270D SIM	09/26/2024 09:31	10/01/2024 15:03	LL
207-08-9	Benzo(k)fluoranthene	ND		ug/L	0.0500	1	EPA 8270D SIM	09/26/2024 09:31	10/01/2024 15:03	LL
218-01-9	Chrysene	ND		ug/L	0.0500	1	EPA 8270D SIM	09/26/2024 09:31	10/01/2024 15:03	LL
53-70-3	Dibenzo(a,h)anthracene	ND		ug/L	0.0500	1	EPA 8270D SIM	09/26/2024 09:31	10/01/2024 15:03	LL
206-44-0	Fluoranthene	ND		ug/L	0.0500	1	EPA 8270D SIM	09/26/2024 09:31	10/01/2024 15:03	LL
86-73-7	Fluorene	ND		ug/L	0.0500	1	EPA 8270D SIM	09/26/2024 09:31	10/01/2024 15:03	LL
193-39-5	Indeno(1,2,3-cd)pyrene	ND		ug/L	0.0500	1	EPA 8270D SIM	09/26/2024 09:31	10/01/2024 15:03	LL
91-20-3	**Naphthalene**	**0.700**	B	ug/L	0.0500	1	EPA 8270D SIM	09/26/2024 09:31	10/01/2024 15:03	LL
85-01-8	Phenanthrene	ND		ug/L	0.0500	1	EPA 8270D SIM	09/26/2024 09:31	10/01/2024 15:03	LL
129-00-0	Pyrene	ND		ug/L	0.0500	1	EPA 8270D SIM	09/26/2024 09:31	10/01/2024 15:03	LL

Extractable Total Petroleum Hydrocarbons (ETPH)

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

Sample Prepared by Method EPA SW846 3510C Low Level

CAS No.	Parameter	Result	Flag	Units	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
CT ETPH	**ETPH (Extractable Total Petroleum Hydrocarbons)**	**0.167**		mg/L	0.150	1	CT DEP ETPH	09/26/2024 08:21	09/27/2024 11:56	GXB
	Surrogate Recoveries	**Result**			**Acceptance Range**					
3386-33-2	*Surrogate: 1-Chlorooctadecane*	*59.6 %*			*30-140*					

Sample Information

Client Sample ID: MW-18 **York Sample ID:** 24I1423 20

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24I1423	TE23-007 Region 18	Ground Water	September 21, 2024 12:30 pm	09/24/2024

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	09/28/2024 11:19	09/28/2024 18:00	FO
71-55-6	1,1,1-Trichloroethane	ND		ug/L	0.500	1	EPA 8260C	09/28/2024 11:19	09/28/2024 18:00	FO
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.500	1	EPA 8260C	09/28/2024 11:19	09/28/2024 18:00	FO
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/L	0.500	1	EPA 8260C	09/28/2024 11:19	09/28/2024 18:00	FO
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.500	1	EPA 8260C	09/28/2024 11:19	09/28/2024 18:00	FO
75-34-3	1,1-Dichloroethane	ND		ug/L	0.500	1	EPA 8260C	09/28/2024 11:19	09/28/2024 18:00	FO
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.500	1	EPA 8260C	09/28/2024 11:19	09/28/2024 18:00	FO
563-58-6	1,1-Dichloropropylene	ND		ug/L	0.500	1	EPA 8260C	09/28/2024 11:19	09/28/2024 18:00	FO
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	0.500	1	EPA 8260C	09/28/2024 11:19	09/28/2024 18:00	FO
96-18-4	1,2,3-Trichloropropane	ND		ug/L	0.500	1	EPA 8260C	09/28/2024 11:19	09/28/2024 18:00	FO
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.500	1	EPA 8260C	09/28/2024 11:19	09/28/2024 18:00	FO
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	0.500	1	EPA 8260C	09/28/2024 11:19	09/28/2024 18:00	FO
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.500	1	EPA 8260C	09/28/2024 11:19	09/28/2024 18:00	FO
106-93-4	1,2-Dibromoethane	ND		ug/L	0.500	1	EPA 8260C	09/28/2024 11:19	09/28/2024 18:00	FO
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.500	1	EPA 8260C	09/28/2024 11:19	09/28/2024 18:00	FO
107-06-2	1,2-Dichloroethane	ND		ug/L	0.500	1	EPA 8260C	09/28/2024 11:19	09/28/2024 18:00	FO
78-87-5	1,2-Dichloropropane	ND		ug/L	0.500	1	EPA 8260C	09/28/2024 11:19	09/28/2024 18:00	FO
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	0.500	1	EPA 8260C	09/28/2024 11:19	09/28/2024 18:00	FO
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.500	1	EPA 8260C	09/28/2024 11:19	09/28/2024 18:00	FO
142-28-9	1,3-Dichloropropane	ND		ug/L	0.500	1	EPA 8260C	09/28/2024 11:19	09/28/2024 18:00	FO
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.500	1	EPA 8260C	09/28/2024 11:19	09/28/2024 18:00	FO
594-20-7	2,2-Dichloropropane	ND		ug/L	0.500	1	EPA 8260C	09/28/2024 11:19	09/28/2024 18:00	FO
78-93-3	2-Butanone	ND	CCVE	ug/L	0.500	1	EPA 8260C	09/28/2024 11:19	09/28/2024 18:00	FO
95-49-8	2-Chlorotoluene	ND		ug/L	0.500	1	EPA 8260C	09/28/2024 11:19	09/28/2024 18:00	FO
591-78-6	2-Hexanone	ND		ug/L	0.500	1	EPA 8260C	09/28/2024 11:19	09/28/2024 18:00	FO
106-43-4	4-Chlorotoluene	ND		ug/L	0.500	1	EPA 8260C	09/28/2024 11:19	09/28/2024 18:00	FO
108-10-1	4-Methyl-2-pentanone	ND		ug/L	0.500	1	EPA 8260C	09/28/2024 11:19	09/28/2024 18:00	FO
67-64-1	Acetone	ND		ug/L	2.00	1	EPA 8260C	09/28/2024 11:19	09/28/2024 18:00	FO
107-13-1	Acrylonitrile	ND		ug/L	0.500	1	EPA 8260C	09/28/2024 11:19	09/28/2024 18:00	FO
71-43-2	Benzene	ND		ug/L	0.500	1	EPA 8260C	09/28/2024 11:19	09/28/2024 18:00	FO
108-86-1	Bromobenzene	ND		ug/L	0.500	1	EPA 8260C	09/28/2024 11:19	09/28/2024 18:00	FO
74-97-5	Bromochloromethane	ND		ug/L	0.500	1	EPA 8260C	09/28/2024 11:19	09/28/2024 18:00	FO
75-27-4	Bromodichloromethane	ND		ug/L	0.500	1	EPA 8260C	09/28/2024 11:19	09/28/2024 18:00	FO
75-25-2	Bromoform	ND		ug/L	0.500	1	EPA 8260C	09/28/2024 11:19	09/28/2024 18:00	FO
74-83-9	Bromomethane	ND	CCVE	ug/L	0.500	1	EPA 8260C	09/28/2024 11:19	09/28/2024 18:00	FO
75-15-0	Carbon disulfide	ND		ug/L	0.500	1	EPA 8260C	09/28/2024 11:19	09/28/2024 18:00	FO
56-23-5	Carbon tetrachloride	ND		ug/L	0.500	1	EPA 8260C	09/28/2024 11:19	09/28/2024 18:00	FO

Sample Information

Client Sample ID: MW-18 **York Sample ID:** 24I1423 20

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24I1423	TE23-007 Region 18	Ground Water	September 21, 2024 12:30 pm	09/24/2024

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
108 90 7	Chlorobenzene	ND		ug/L	0 500	1	EPA 8260C	09/28/2024 11:19	09/28/2024 18:00	FO
75-00-3	Chloroethane	ND		ug/L	0.500	1	EPA 8260C	09/28/2024 11:19	09/28/2024 18:00	FO
67 66 3	Chloroform	ND		ug/L	0 500	1	EPA 8260C	09/28/2024 11:19	09/28/2024 18:00	FO
74-87-3	Chloromethane	ND		ug/L	0.500	1	EPA 8260C	09/28/2024 11:19	09/28/2024 18:00	FO
156-59-2	cis-1,2-Dichloroethylene	ND		ug/L	0.500	1	EPA 8260C	09/28/2024 11:19	09/28/2024 18:00	FO
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.500	1	EPA 8260C	09/28/2024 11:19	09/28/2024 18:00	FO
124-48-1	Dibromochloromethane	ND		ug/L	0.500	1	EPA 8260C	09/28/2024 11:19	09/28/2024 18:00	FO
74-95-3	Dibromomethane	ND		ug/L	0.500	1	EPA 8260C	09/28/2024 11:19	09/28/2024 18:00	FO
75-71-8	Dichlorodifluoromethane	ND	CCVE	ug/L	0.500	1	EPA 8260C	09/28/2024 11:19	09/28/2024 18:00	FO
100-41-4	Ethyl Benzene	ND		ug/L	0.500	1	EPA 8260C	09/28/2024 11:19	09/28/2024 18:00	FO
87-68-3	Hexachlorobutadiene	ND		ug/L	0.500	1	EPA 8260C	09/28/2024 11:19	09/28/2024 18:00	FO
98-82-8	Isopropylbenzene	ND		ug/L	0.500	1	EPA 8260C	09/28/2024 11:19	09/28/2024 18:00	FO
80-62-6	Methyl Methacrylate	ND		ug/L	0.500	1	EPA 8260C	09/28/2024 11:19	09/28/2024 18:00	FO
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.500	1	EPA 8260C	09/28/2024 11:19	09/28/2024 18:00	FO
75-09-2	Methylene chloride	ND		ug/L	2.00	1	EPA 8260C	09/28/2024 11:19	09/28/2024 18:00	FO
91-20-3	Naphthalene	ND		ug/L	2.00	1	EPA 8260C	09/28/2024 11:19	09/28/2024 18:00	FO
104-51-8	n-Butylbenzene	ND		ug/L	0.500	1	EPA 8260C	09/28/2024 11:19	09/28/2024 18:00	FO
103-65-1	n-Propylbenzene	ND		ug/L	0.500	1	EPA 8260C	09/28/2024 11:19	09/28/2024 18:00	FO
95-47-6	o-Xylene	ND		ug/L	0.500	1	EPA 8260C	09/28/2024 11:19	09/28/2024 18:00	FO
179601-23-1	p- & m- Xylenes	ND		ug/L	1.00	1	EPA 8260C	09/28/2024 11:19	09/28/2024 18:00	FO
99-87-6	p-Isopropyltoluene	ND		ug/L	0.500	1	EPA 8260C	09/28/2024 11:19	09/28/2024 18:00	FO
135-98-8	sec-Butylbenzene	ND		ug/L	0.500	1	EPA 8260C	09/28/2024 11:19	09/28/2024 18:00	FO
100-42-5	Styrene	ND		ug/L	0.500	1	EPA 8260C	09/28/2024 11:19	09/28/2024 18:00	FO
98-06-6	tert-Butylbenzene	ND		ug/L	0.500	1	EPA 8260C	09/28/2024 11:19	09/28/2024 18:00	FO
127-18-4	Tetrachloroethylene	ND	QL-02, ICVE	ug/L	0.500	1	EPA 8260C	09/28/2024 11:19	09/28/2024 18:00	FO
109-99-9	Tetrahydrofuran	ND	CCVE	ug/L	4.00	1	EPA 8260C	09/28/2024 11:19	09/28/2024 18:00	FO
108-88-3	Toluene	ND		ug/L	0.500	1	EPA 8260C	09/28/2024 11:19	09/28/2024 18:00	FO
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.500	1	EPA 8260C	09/28/2024 11:19	09/28/2024 18:00	FO
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.500	1	EPA 8260C	09/28/2024 11:19	09/28/2024 18:00	FO
110-57-6	trans-1,4-dichloro-2-butene	ND		ug/L	0.500	1	EPA 8260C	09/28/2024 11:19	09/28/2024 18:00	FO
79-01-6	Trichloroethylene	ND		ug/L	0.500	1	EPA 8260C	09/28/2024 11:19	09/28/2024 18:00	FO
75-69-4	Trichlorofluoromethane	ND		ug/L	0.500	1	EPA 8260C	09/28/2024 11:19	09/28/2024 18:00	FO
75-01-4	Vinyl Chloride	ND		ug/L	0.500	1	EPA 8260C	09/28/2024 11:19	09/28/2024 18:00	FO

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: SURR: 1,2-Dichloroethane-d4*	*101 %*	*70-130*
2037-26-5	*Surrogate: SURR: Toluene-d8*	*106 %*	*70-130*
460-00-4	*Surrogate: SURR: p-Bromofluorobenzene*	*107 %*	*70-130*

Sample Information

Client Sample ID: MW-18 **York Sample ID:** 24I1423-20

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24I1423	TE23-007 Region 18	Ground Water	September 21, 2024 12:30 pm	09/24/2024

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	09/26/2024 09:31	09/27/2024 15:41	LL

	Surrogate Recoveries	Result	Acceptance Range
4165-60-0	*Surrogate: SURR: Nitrobenzene-d5*	*79.7 %*	*30-130*
321-60-8	*Surrogate: SURR: 2-Fluorobiphenyl*	*85.4 %*	*30-130*
1718-51-0	*Surrogate: SURR: Terphenyl-d14*	*54.2 %*	*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		ug/L	0.0500	1	EPA 8270D SIM	09/26/2024 09:31	10/01/2024 13:03	LL
208-96-8	Acenaphthylene	ND		ug/L	0.0500	1	EPA 8270D SIM	09/26/2024 09:31	10/01/2024 13:03	LL
120-12-7	Anthracene	ND		ug/L	0.0500	1	EPA 8270D SIM	09/26/2024 09:31	10/01/2024 13:03	LL
56-55-3	Benzo(a)anthracene	ND		ug/L	0.0500	1	EPA 8270D SIM	09/26/2024 09:31	10/01/2024 13:03	LL
50-32-8	Benzo(a)pyrene	ND		ug/L	0.0500	1	EPA 8270D SIM	09/26/2024 09:31	10/01/2024 13:03	LL
205-99-2	Benzo(b)fluoranthene	ND		ug/L	0.0500	1	EPA 8270D SIM	09/26/2024 09:31	10/01/2024 13:03	LL
191-24-2	Benzo(g,h,i)perylene	ND		ug/L	0.0500	1	EPA 8270D SIM	09/26/2024 09:31	10/01/2024 13:03	LL
207-08-9	Benzo(k)fluoranthene	ND		ug/L	0.0500	1	EPA 8270D SIM	09/26/2024 09:31	10/01/2024 13:03	LL
218-01-9	Chrysene	ND		ug/L	0.0500	1	EPA 8270D SIM	09/26/2024 09:31	10/01/2024 13:03	LL
53-70-3	Dibenzo(a,h)anthracene	ND		ug/L	0.0500	1	EPA 8270D SIM	09/26/2024 09:31	10/01/2024 13:03	LL
206-44-0	Fluoranthene	ND		ug/L	0.0500	1	EPA 8270D SIM	09/26/2024 09:31	10/01/2024 13:03	LL
86-73-7	Fluorene	ND		ug/L	0.0500	1	EPA 8270D SIM	09/26/2024 09:31	10/01/2024 13:03	LL
193-39-5	Indeno(1,2,3-cd)pyrene	ND		ug/L	0.0500	1	EPA 8270D SIM	09/26/2024 09:31	10/01/2024 13:03	LL
91-20-3	Naphthalene	ND		ug/L	0.0500	1	EPA 8270D SIM	09/26/2024 09:31	10/01/2024 13:03	LL
85-01-8	Phenanthrene	ND		ug/L	0.0500	1	EPA 8270D SIM	09/26/2024 09:31	10/01/2024 13:03	LL
129-00-0	Pyrene	ND		ug/L	0.0500	1	EPA 8270D SIM	09/26/2024 09:31	10/01/2024 13:03	LL

Extractable Total Petroleum Hydrocarbons (ETPH)

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

Sample Prepared by Method: EPA SW846-3510C Low Level

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	09/26/2024 08:21	09/27/2024 12:34	GXB

	Surrogate Recoveries	Result	Acceptance Range
3386-33-2	*Surrogate: 1-Chlorooctadecane*	*50.6 %*	*30-140*

Sample Information

Client Sample ID: MW-19 **York Sample ID:** 24I1423 21

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24I1423	TE23-007 Region 18	Ground Water	September 21, 2024 5:50 pm	09/24/2024

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	09/28/2024 11:19	09/28/2024 18:27	FO
71-55-6	1,1,1-Trichloroethane	ND		ug/L	0.500	1	EPA 8260C	09/28/2024 11:19	09/28/2024 18:27	FO
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.500	1	EPA 8260C	09/28/2024 11:19	09/28/2024 18:27	FO
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/L	0.500	1	EPA 8260C	09/28/2024 11:19	09/28/2024 18:27	FO
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.500	1	EPA 8260C	09/28/2024 11:19	09/28/2024 18:27	FO
75-34-3	1,1-Dichloroethane	ND		ug/L	0.500	1	EPA 8260C	09/28/2024 11:19	09/28/2024 18:27	FO
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.500	1	EPA 8260C	09/28/2024 11:19	09/28/2024 18:27	FO
563-58-6	1,1-Dichloropropylene	ND		ug/L	0.500	1	EPA 8260C	09/28/2024 11:19	09/28/2024 18:27	FO
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	0.500	1	EPA 8260C	09/28/2024 11:19	09/28/2024 18:27	FO
96-18-4	1,2,3-Trichloropropane	ND		ug/L	0.500	1	EPA 8260C	09/28/2024 11:19	09/28/2024 18:27	FO
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.500	1	EPA 8260C	09/28/2024 11:19	09/28/2024 18:27	FO
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	0.500	1	EPA 8260C	09/28/2024 11:19	09/28/2024 18:27	FO
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.500	1	EPA 8260C	09/28/2024 11:19	09/28/2024 18:27	FO
106-93-4	1,2-Dibromoethane	ND		ug/L	0.500	1	EPA 8260C	09/28/2024 11:19	09/28/2024 18:27	FO
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.500	1	EPA 8260C	09/28/2024 11:19	09/28/2024 18:27	FO
107-06-2	1,2-Dichloroethane	ND		ug/L	0.500	1	EPA 8260C	09/28/2024 11:19	09/28/2024 18:27	FO
78-87-5	1,2-Dichloropropane	ND		ug/L	0.500	1	EPA 8260C	09/28/2024 11:19	09/28/2024 18:27	FO
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	0.500	1	EPA 8260C	09/28/2024 11:19	09/28/2024 18:27	FO
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.500	1	EPA 8260C	09/28/2024 11:19	09/28/2024 18:27	FO
142-28-9	1,3-Dichloropropane	ND		ug/L	0.500	1	EPA 8260C	09/28/2024 11:19	09/28/2024 18:27	FO
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.500	1	EPA 8260C	09/28/2024 11:19	09/28/2024 18:27	FO
594-20-7	2,2-Dichloropropane	ND		ug/L	0.500	1	EPA 8260C	09/28/2024 11:19	09/28/2024 18:27	FO
78-93-3	2-Butanone	ND	CCVE	ug/L	0.500	1	EPA 8260C	09/28/2024 11:19	09/28/2024 18:27	FO
95-49-8	2-Chlorotoluene	ND		ug/L	0.500	1	EPA 8260C	09/28/2024 11:19	09/28/2024 18:27	FO
591-78-6	2-Hexanone	ND		ug/L	0.500	1	EPA 8260C	09/28/2024 11:19	09/28/2024 18:27	FO
106-43-4	4-Chlorotoluene	ND		ug/L	0.500	1	EPA 8260C	09/28/2024 11:19	09/28/2024 18:27	FO
108-10-1	4-Methyl-2-pentanone	ND		ug/L	0.500	1	EPA 8260C	09/28/2024 11:19	09/28/2024 18:27	FO
67-64-1	Acetone	ND		ug/L	2.00	1	EPA 8260C	09/28/2024 11:19	09/28/2024 18:27	FO
107-13-1	Acrylonitrile	ND		ug/L	0.500	1	EPA 8260C	09/28/2024 11:19	09/28/2024 18:27	FO
71-43-2	Benzene	ND		ug/L	0.500	1	EPA 8260C	09/28/2024 11:19	09/28/2024 18:27	FO
108-86-1	Bromobenzene	ND		ug/L	0.500	1	EPA 8260C	09/28/2024 11:19	09/28/2024 18:27	FO
74-97-5	Bromochloromethane	ND		ug/L	0.500	1	EPA 8260C	09/28/2024 11:19	09/28/2024 18:27	FO
75-27-4	Bromodichloromethane	ND		ug/L	0.500	1	EPA 8260C	09/28/2024 11:19	09/28/2024 18:27	FO
75-25-2	Bromoform	ND		ug/L	0.500	1	EPA 8260C	09/28/2024 11:19	09/28/2024 18:27	FO
74-83-9	Bromomethane	ND	CCVE	ug/L	0.500	1	EPA 8260C	09/28/2024 11:19	09/28/2024 18:27	FO
75-15-0	Carbon disulfide	ND		ug/L	0.500	1	EPA 8260C	09/28/2024 11:19	09/28/2024 18:27	FO
56-23-5	Carbon tetrachloride	ND		ug/L	0.500	1	EPA 8260C	09/28/2024 11:19	09/28/2024 18:27	FO

Sample Information

Client Sample ID: MW-19 **York Sample ID:** 24I1423 21

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24I1423	TE23-007 Region 18	Ground Water	September 21, 2024 5:50 pm	09/24/2024

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
108 90 7	Chlorobenzene	ND		ug/L	0 500	1	EPA 8260C	09/28/2024 11:19	09/28/2024 18:27	FO
75-00-3	Chloroethane	ND		ug/L	0.500	1	EPA 8260C	09/28/2024 11:19	09/28/2024 18:27	FO
67 66 3	Chloroform	ND		ug/L	0 500	1	EPA 8260C	09/28/2024 11:19	09/28/2024 18:27	FO
74-87-3	Chloromethane	ND		ug/L	0.500	1	EPA 8260C	09/28/2024 11:19	09/28/2024 18:27	FO
156-59-2	cis-1,2-Dichloroethylene	ND		ug/L	0.500	1	EPA 8260C	09/28/2024 11:19	09/28/2024 18:27	FO
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.500	1	EPA 8260C	09/28/2024 11:19	09/28/2024 18:27	FO
124-48-1	Dibromochloromethane	ND		ug/L	0.500	1	EPA 8260C	09/28/2024 11:19	09/28/2024 18:27	FO
74-95-3	Dibromomethane	ND		ug/L	0.500	1	EPA 8260C	09/28/2024 11:19	09/28/2024 18:27	FO
75-71-8	Dichlorodifluoromethane	ND	CCVE	ug/L	0.500	1	EPA 8260C	09/28/2024 11:19	09/28/2024 18:27	FO
100-41-4	Ethyl Benzene	ND		ug/L	0.500	1	EPA 8260C	09/28/2024 11:19	09/28/2024 18:27	FO
87-68-3	Hexachlorobutadiene	ND		ug/L	0.500	1	EPA 8260C	09/28/2024 11:19	09/28/2024 18:27	FO
98-82-8	Isopropylbenzene	ND		ug/L	0.500	1	EPA 8260C	09/28/2024 11:19	09/28/2024 18:27	FO
80-62-6	Methyl Methacrylate	ND		ug/L	0.500	1	EPA 8260C	09/28/2024 11:19	09/28/2024 18:27	FO
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.500	1	EPA 8260C	09/28/2024 11:19	09/28/2024 18:27	FO
75-09-2	Methylene chloride	ND		ug/L	2.00	1	EPA 8260C	09/28/2024 11:19	09/28/2024 18:27	FO
91-20-3	Naphthalene	ND		ug/L	2.00	1	EPA 8260C	09/28/2024 11:19	09/28/2024 18:27	FO
104-51-8	n-Butylbenzene	ND		ug/L	0.500	1	EPA 8260C	09/28/2024 11:19	09/28/2024 18:27	FO
103-65-1	n-Propylbenzene	ND		ug/L	0.500	1	EPA 8260C	09/28/2024 11:19	09/28/2024 18:27	FO
95-47-6	o-Xylene	ND		ug/L	0.500	1	EPA 8260C	09/28/2024 11:19	09/28/2024 18:27	FO
179601-23-1	p- & m- Xylenes	ND		ug/L	1.00	1	EPA 8260C	09/28/2024 11:19	09/28/2024 18:27	FO
99-87-6	p-Isopropyltoluene	ND		ug/L	0.500	1	EPA 8260C	09/28/2024 11:19	09/28/2024 18:27	FO
135-98-8	sec-Butylbenzene	ND		ug/L	0.500	1	EPA 8260C	09/28/2024 11:19	09/28/2024 18:27	FO
100-42-5	Styrene	ND		ug/L	0.500	1	EPA 8260C	09/28/2024 11:19	09/28/2024 18:27	FO
98-06-6	tert-Butylbenzene	ND		ug/L	0.500	1	EPA 8260C	09/28/2024 11:19	09/28/2024 18:27	FO
127-18-4	Tetrachloroethylene	ND	ICVE, QL-02	ug/L	0.500	1	EPA 8260C	09/28/2024 11:19	09/28/2024 18:27	FO
109-99-9	Tetrahydrofuran	ND	CCVE	ug/L	4.00	1	EPA 8260C	09/28/2024 11:19	09/28/2024 18:27	FO
108-88-3	Toluene	ND		ug/L	0.500	1	EPA 8260C	09/28/2024 11:19	09/28/2024 18:27	FO
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.500	1	EPA 8260C	09/28/2024 11:19	09/28/2024 18:27	FO
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.500	1	EPA 8260C	09/28/2024 11:19	09/28/2024 18:27	FO
110-57-6	trans-1,4-dichloro-2-butene	ND		ug/L	0.500	1	EPA 8260C	09/28/2024 11:19	09/28/2024 18:27	FO
79-01-6	Trichloroethylene	ND		ug/L	0.500	1	EPA 8260C	09/28/2024 11:19	09/28/2024 18:27	FO
75-69-4	Trichlorofluoromethane	ND		ug/L	0.500	1	EPA 8260C	09/28/2024 11:19	09/28/2024 18:27	FO
75-01-4	Vinyl Chloride	ND		ug/L	0.500	1	EPA 8260C	09/28/2024 11:19	09/28/2024 18:27	FO

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: SURR: 1,2-Dichloroethane-d4*	*98.4 %*	*70-130*
2037-26-5	*Surrogate: SURR: Toluene-d8*	*105 %*	*70-130*
460-00-4	*Surrogate: SURR: p-Bromofluorobenzene*	*106 %*	*70-130*

Sample Information

Client Sample ID: MW-19 **York Sample ID:** 24I1423-21

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24I1423	TE23-007 Region 18	Ground Water	September 21, 2024 5:50 pm	09/24/2024

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	09/26/2024 09:31	09/27/2024 16:11	LL

	Surrogate Recoveries	Result	Acceptance Range
4165-60-0	*Surrogate: SURR: Nitrobenzene-d5*	*45.0 %*	*30-130*
321-60-8	*Surrogate: SURR: 2-Fluorobiphenyl*	*49.7 %*	*30-130*
1718-51-0	*Surrogate: SURR: Terphenyl-d14*	*53.4 %*	*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	09/26/2024 09:31	10/01/2024 13:33	LL
208-96-8	Acenaphthylene	ND		ug/L	0.0500	1	EPA 8270D SIM	09/26/2024 09:31	10/01/2024 13:33	LL
120-12-7	Anthracene	ND		ug/L	0.0500	1	EPA 8270D SIM	09/26/2024 09:31	10/01/2024 13:33	LL
56-55-3	Benzo(a)anthracene	ND		ug/L	0.0500	1	EPA 8270D SIM	09/26/2024 09:31	10/01/2024 13:33	LL
50-32-8	Benzo(a)pyrene	ND		ug/L	0.0500	1	EPA 8270D SIM	09/26/2024 09:31	10/01/2024 13:33	LL
205-99-2	Benzo(b)fluoranthene	ND		ug/L	0.0500	1	EPA 8270D SIM	09/26/2024 09:31	10/01/2024 13:33	LL
191-24-2	Benzo(g,h,i)perylene	ND		ug/L	0.0500	1	EPA 8270D SIM	09/26/2024 09:31	10/01/2024 13:33	LL
207-08-9	Benzo(k)fluoranthene	ND		ug/L	0.0500	1	EPA 8270D SIM	09/26/2024 09:31	10/01/2024 13:33	LL
218-01-9	Chrysene	ND		ug/L	0.0500	1	EPA 8270D SIM	09/26/2024 09:31	10/01/2024 13:33	LL
53-70-3	Dibenzo(a,h)anthracene	ND		ug/L	0.0500	1	EPA 8270D SIM	09/26/2024 09:31	10/01/2024 13:33	LL
206-44-0	Fluoranthene	ND		ug/L	0.0500	1	EPA 8270D SIM	09/26/2024 09:31	10/01/2024 13:33	LL
86-73-7	Fluorene	ND		ug/L	0.0500	1	EPA 8270D SIM	09/26/2024 09:31	10/01/2024 13:33	LL
193-39-5	Indeno(1,2,3-cd)pyrene	ND		ug/L	0.0500	1	EPA 8270D SIM	09/26/2024 09:31	10/01/2024 13:33	LL
91-20-3	Naphthalene	ND		ug/L	0.0500	1	EPA 8270D SIM	09/26/2024 09:31	10/01/2024 13:33	LL
85-01-8	Phenanthrene	ND		ug/L	0.0500	1	EPA 8270D SIM	09/26/2024 09:31	10/01/2024 13:33	LL
129-00-0	Pyrene	ND		ug/L	0.0500	1	EPA 8270D SIM	09/26/2024 09:31	10/01/2024 13:33	LL

Extractable Total Petroleum Hydrocarbons (ETPH)

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

Sample Prepared by Method: EPA SW846-3510C Low Level

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	09/26/2024 08:21	09/27/2024 13:12	GXB

	Surrogate Recoveries	Result	Acceptance Range
3386-33-2	*Surrogate: 1-Chlorooctadecane*	*44.7 %*	*30-140*

Sample Information

Client Sample ID: MW-20 **York Sample ID:** 24I1423 22

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24I1423	TE23-007 Region 18	Ground Water	September 21, 2024 5:35 pm	09/24/2024

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	09/28/2024 11:19	09/28/2024 18:54	FO
71-55-6	1,1,1-Trichloroethane	ND		ug/L	0.500	1	EPA 8260C	09/28/2024 11:19	09/28/2024 18:54	FO
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.500	1	EPA 8260C	09/28/2024 11:19	09/28/2024 18:54	FO
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/L	0.500	1	EPA 8260C	09/28/2024 11:19	09/28/2024 18:54	FO
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.500	1	EPA 8260C	09/28/2024 11:19	09/28/2024 18:54	FO
75-34-3	1,1-Dichloroethane	ND		ug/L	0.500	1	EPA 8260C	09/28/2024 11:19	09/28/2024 18:54	FO
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.500	1	EPA 8260C	09/28/2024 11:19	09/28/2024 18:54	FO
563-58-6	1,1-Dichloropropylene	ND		ug/L	0.500	1	EPA 8260C	09/28/2024 11:19	09/28/2024 18:54	FO
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	0.500	1	EPA 8260C	09/28/2024 11:19	09/28/2024 18:54	FO
96-18-4	1,2,3-Trichloropropane	ND		ug/L	0.500	1	EPA 8260C	09/28/2024 11:19	09/28/2024 18:54	FO
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.500	1	EPA 8260C	09/28/2024 11:19	09/28/2024 18:54	FO
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	0.500	1	EPA 8260C	09/28/2024 11:19	09/28/2024 18:54	FO
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.500	1	EPA 8260C	09/28/2024 11:19	09/28/2024 18:54	FO
106-93-4	1,2-Dibromoethane	ND		ug/L	0.500	1	EPA 8260C	09/28/2024 11:19	09/28/2024 18:54	FO
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.500	1	EPA 8260C	09/28/2024 11:19	09/28/2024 18:54	FO
107-06-2	1,2-Dichloroethane	ND		ug/L	0.500	1	EPA 8260C	09/28/2024 11:19	09/28/2024 18:54	FO
78-87-5	1,2-Dichloropropane	ND		ug/L	0.500	1	EPA 8260C	09/28/2024 11:19	09/28/2024 18:54	FO
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	0.500	1	EPA 8260C	09/28/2024 11:19	09/28/2024 18:54	FO
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.500	1	EPA 8260C	09/28/2024 11:19	09/28/2024 18:54	FO
142-28-9	1,3-Dichloropropane	ND		ug/L	0.500	1	EPA 8260C	09/28/2024 11:19	09/28/2024 18:54	FO
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.500	1	EPA 8260C	09/28/2024 11:19	09/28/2024 18:54	FO
594-20-7	2,2-Dichloropropane	ND		ug/L	0.500	1	EPA 8260C	09/28/2024 11:19	09/28/2024 18:54	FO
78-93-3	2-Butanone	ND	CCVE	ug/L	0.500	1	EPA 8260C	09/28/2024 11:19	09/28/2024 18:54	FO
95-49-8	2-Chlorotoluene	ND		ug/L	0.500	1	EPA 8260C	09/28/2024 11:19	09/28/2024 18:54	FO
591-78-6	2-Hexanone	ND		ug/L	0.500	1	EPA 8260C	09/28/2024 11:19	09/28/2024 18:54	FO
106-43-4	4-Chlorotoluene	ND		ug/L	0.500	1	EPA 8260C	09/28/2024 11:19	09/28/2024 18:54	FO
108-10-1	4-Methyl-2-pentanone	ND		ug/L	0.500	1	EPA 8260C	09/28/2024 11:19	09/28/2024 18:54	FO
67-64-1	Acetone	ND		ug/L	2.00	1	EPA 8260C	09/28/2024 11:19	09/28/2024 18:54	FO
107-13-1	Acrylonitrile	ND		ug/L	0.500	1	EPA 8260C	09/28/2024 11:19	09/28/2024 18:54	FO
71-43-2	Benzene	ND		ug/L	0.500	1	EPA 8260C	09/28/2024 11:19	09/28/2024 18:54	FO
108-86-1	Bromobenzene	ND		ug/L	0.500	1	EPA 8260C	09/28/2024 11:19	09/28/2024 18:54	FO
74-97-5	Bromochloromethane	ND		ug/L	0.500	1	EPA 8260C	09/28/2024 11:19	09/28/2024 18:54	FO
75-27-4	Bromodichloromethane	ND		ug/L	0.500	1	EPA 8260C	09/28/2024 11:19	09/28/2024 18:54	FO
75-25-2	Bromoform	ND		ug/L	0.500	1	EPA 8260C	09/28/2024 11:19	09/28/2024 18:54	FO
74-83-9	Bromomethane	ND	CCVE	ug/L	0.500	1	EPA 8260C	09/28/2024 11:19	09/28/2024 18:54	FO
75-15-0	Carbon disulfide	ND		ug/L	0.500	1	EPA 8260C	09/28/2024 11:19	09/28/2024 18:54	FO
56-23-5	Carbon tetrachloride	ND		ug/L	0.500	1	EPA 8260C	09/28/2024 11:19	09/28/2024 18:54	FO

Sample Information

Client Sample ID: MW-20 **York Sample ID:** 24I1423 22

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24I1423	TE23-007 Region 18	Ground Water	September 21, 2024 5:35 pm	09/24/2024

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
108 90 7	Chlorobenzene	ND		ug/L	0 500	1	EPA 8260C	09/28/2024 11:19	09/28/2024 18:54	FO
75-00-3	Chloroethane	ND		ug/L	0.500	1	EPA 8260C	09/28/2024 11:19	09/28/2024 18:54	FO
67 66 3	Chloroform	ND		ug/L	0 500	1	EPA 8260C	09/28/2024 11:19	09/28/2024 18:54	FO
74-87-3	Chloromethane	ND		ug/L	0.500	1	EPA 8260C	09/28/2024 11:19	09/28/2024 18:54	FO
156-59-2	cis-1,2-Dichloroethylene	ND		ug/L	0.500	1	EPA 8260C	09/28/2024 11:19	09/28/2024 18:54	FO
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.500	1	EPA 8260C	09/28/2024 11:19	09/28/2024 18:54	FO
124-48-1	Dibromochloromethane	ND		ug/L	0.500	1	EPA 8260C	09/28/2024 11:19	09/28/2024 18:54	FO
74-95-3	Dibromomethane	ND		ug/L	0.500	1	EPA 8260C	09/28/2024 11:19	09/28/2024 18:54	FO
75-71-8	Dichlorodifluoromethane	ND	CCVE	ug/L	0.500	1	EPA 8260C	09/28/2024 11:19	09/28/2024 18:54	FO
100-41-4	Ethyl Benzene	ND		ug/L	0.500	1	EPA 8260C	09/28/2024 11:19	09/28/2024 18:54	FO
87-68-3	Hexachlorobutadiene	ND		ug/L	0.500	1	EPA 8260C	09/28/2024 11:19	09/28/2024 18:54	FO
98-82-8	Isopropylbenzene	ND		ug/L	0.500	1	EPA 8260C	09/28/2024 11:19	09/28/2024 18:54	FO
80-62-6	Methyl Methacrylate	ND		ug/L	0.500	1	EPA 8260C	09/28/2024 11:19	09/28/2024 18:54	FO
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.500	1	EPA 8260C	09/28/2024 11:19	09/28/2024 18:54	FO
75-09-2	Methylene chloride	ND		ug/L	2.00	1	EPA 8260C	09/28/2024 11:19	09/28/2024 18:54	FO
91-20-3	Naphthalene	ND		ug/L	2.00	1	EPA 8260C	09/28/2024 11:19	09/28/2024 18:54	FO
104-51-8	n-Butylbenzene	ND		ug/L	0.500	1	EPA 8260C	09/28/2024 11:19	09/28/2024 18:54	FO
103-65-1	n-Propylbenzene	ND		ug/L	0.500	1	EPA 8260C	09/28/2024 11:19	09/28/2024 18:54	FO
95-47-6	o-Xylene	ND		ug/L	0.500	1	EPA 8260C	09/28/2024 11:19	09/28/2024 18:54	FO
179601-23-1	p- & m- Xylenes	ND		ug/L	1.00	1	EPA 8260C	09/28/2024 11:19	09/28/2024 18:54	FO
99-87-6	p-Isopropyltoluene	ND		ug/L	0.500	1	EPA 8260C	09/28/2024 11:19	09/28/2024 18:54	FO
135-98-8	sec-Butylbenzene	ND		ug/L	0.500	1	EPA 8260C	09/28/2024 11:19	09/28/2024 18:54	FO
100-42-5	Styrene	ND		ug/L	0.500	1	EPA 8260C	09/28/2024 11:19	09/28/2024 18:54	FO
98-06-6	tert-Butylbenzene	ND		ug/L	0.500	1	EPA 8260C	09/28/2024 11:19	09/28/2024 18:54	FO
127-18-4	Tetrachloroethylene	ND	ICVE, QL-02	ug/L	0.500	1	EPA 8260C	09/28/2024 11:19	09/28/2024 18:54	FO
109-99-9	Tetrahydrofuran	ND	CCVE	ug/L	4.00	1	EPA 8260C	09/28/2024 11:19	09/28/2024 18:54	FO
108-88-3	Toluene	ND		ug/L	0.500	1	EPA 8260C	09/28/2024 11:19	09/28/2024 18:54	FO
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.500	1	EPA 8260C	09/28/2024 11:19	09/28/2024 18:54	FO
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.500	1	EPA 8260C	09/28/2024 11:19	09/28/2024 18:54	FO
110-57-6	trans-1,4-dichloro-2-butene	ND		ug/L	0.500	1	EPA 8260C	09/28/2024 11:19	09/28/2024 18:54	FO
79-01-6	Trichloroethylene	ND		ug/L	0.500	1	EPA 8260C	09/28/2024 11:19	09/28/2024 18:54	FO
75-69-4	Trichlorofluoromethane	ND		ug/L	0.500	1	EPA 8260C	09/28/2024 11:19	09/28/2024 18:54	FO
75-01-4	Vinyl Chloride	ND		ug/L	0.500	1	EPA 8260C	09/28/2024 11:19	09/28/2024 18:54	FO

	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*	*105 %*	*70-130*
460-00-4	*Surrogate: SURR: p-Bromofluorobenzene*	*105 %*	*70-130*

Sample Information

Client Sample ID: MW-20 **York Sample ID:** 24I1423-22

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24I1423	TE23-007 Region 18	Ground Water	September 21, 2024 5:35 pm	09/24/2024

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	09/26/2024 09:31	09/27/2024 16:41	LL

	Surrogate Recoveries	Result	Acceptance Range
4165-60-0	*Surrogate: SURR: Nitrobenzene-d5*	*71.8 %*	*30-130*
321-60-8	*Surrogate: SURR: 2-Fluorobiphenyl*	*77.1 %*	*30-130*
1718-51-0	*Surrogate: SURR: Terphenyl-d14*	*60.7 %*	*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		ug/L	0.0500	1	EPA 8270D SIM	09/26/2024 09:31	10/01/2024 14:03	LL
208-96-8	Acenaphthylene	ND		ug/L	0.0500	1	EPA 8270D SIM	09/26/2024 09:31	10/01/2024 14:03	LL
120-12-7	Anthracene	ND		ug/L	0.0500	1	EPA 8270D SIM	09/26/2024 09:31	10/01/2024 14:03	LL
56-55-3	Benzo(a)anthracene	ND		ug/L	0.0500	1	EPA 8270D SIM	09/26/2024 09:31	10/01/2024 14:03	LL
50-32-8	Benzo(a)pyrene	ND		ug/L	0.0500	1	EPA 8270D SIM	09/26/2024 09:31	10/01/2024 14:03	LL
205-99-2	Benzo(b)fluoranthene	ND		ug/L	0.0500	1	EPA 8270D SIM	09/26/2024 09:31	10/01/2024 14:03	LL
191-24-2	Benzo(g,h,i)perylene	ND		ug/L	0.0500	1	EPA 8270D SIM	09/26/2024 09:31	10/01/2024 14:03	LL
207-08-9	Benzo(k)fluoranthene	ND		ug/L	0.0500	1	EPA 8270D SIM	09/26/2024 09:31	10/01/2024 14:03	LL
218-01-9	Chrysene	ND		ug/L	0.0500	1	EPA 8270D SIM	09/26/2024 09:31	10/01/2024 14:03	LL
53-70-3	Dibenzo(a,h)anthracene	ND		ug/L	0.0500	1	EPA 8270D SIM	09/26/2024 09:31	10/01/2024 14:03	LL
206-44-0	Fluoranthene	ND		ug/L	0.0500	1	EPA 8270D SIM	09/26/2024 09:31	10/01/2024 14:03	LL
86-73-7	Fluorene	ND		ug/L	0.0500	1	EPA 8270D SIM	09/26/2024 09:31	10/01/2024 14:03	LL
193-39-5	Indeno(1,2,3-cd)pyrene	ND		ug/L	0.0500	1	EPA 8270D SIM	09/26/2024 09:31	10/01/2024 14:03	LL
91-20-3	Naphthalene	ND		ug/L	0.0500	1	EPA 8270D SIM	09/26/2024 09:31	10/01/2024 14:03	LL
85-01-8	Phenanthrene	ND		ug/L	0.0500	1	EPA 8270D SIM	09/26/2024 09:31	10/01/2024 14:03	LL
129-00-0	Pyrene	ND		ug/L	0.0500	1	EPA 8270D SIM	09/26/2024 09:31	10/01/2024 14:03	LL

Extractable Total Petroleum Hydrocarbons (ETPH)

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

Sample Prepared by Method: EPA SW846-3510C Low Level

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	09/26/2024 08:21	09/27/2024 13:51	GXB

	Surrogate Recoveries	Result	Acceptance Range
3386-33-2	*Surrogate: 1-Chlorooctadecane*	*63.2 %*	*30-140*

Sample Information

Client Sample ID: RW-8 **York Sample ID:** 24I1423 23

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24I1423	TE23-007 Region 18	Ground Water	September 22, 2024 12:30 pm	09/24/2024

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	09/28/2024 11:19	09/28/2024 19:20	FO
71-55-6	1,1,1-Trichloroethane	ND		ug/L	0.500	1	EPA 8260C	09/28/2024 11:19	09/28/2024 19:20	FO
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.500	1	EPA 8260C	09/28/2024 11:19	09/28/2024 19:20	FO
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/L	0.500	1	EPA 8260C	09/28/2024 11:19	09/28/2024 19:20	FO
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.500	1	EPA 8260C	09/28/2024 11:19	09/28/2024 19:20	FO
75-34-3	1,1-Dichloroethane	ND		ug/L	0.500	1	EPA 8260C	09/28/2024 11:19	09/28/2024 19:20	FO
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.500	1	EPA 8260C	09/28/2024 11:19	09/28/2024 19:20	FO
563-58-6	1,1-Dichloropropylene	ND		ug/L	0.500	1	EPA 8260C	09/28/2024 11:19	09/28/2024 19:20	FO
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	0.500	1	EPA 8260C	09/28/2024 11:19	09/28/2024 19:20	FO
96-18-4	1,2,3-Trichloropropane	ND		ug/L	0.500	1	EPA 8260C	09/28/2024 11:19	09/28/2024 19:20	FO
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.500	1	EPA 8260C	09/28/2024 11:19	09/28/2024 19:20	FO
95-63-6	**1,2,4-Trimethylbenzene**	**5.01**		ug/L	0.500	1	EPA 8260C	09/28/2024 11:19	09/28/2024 19:20	FO
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.500	1	EPA 8260C	09/28/2024 11:19	09/28/2024 19:20	FO
106-93-4	1,2-Dibromoethane	ND		ug/L	0.500	1	EPA 8260C	09/28/2024 11:19	09/28/2024 19:20	FO
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.500	1	EPA 8260C	09/28/2024 11:19	09/28/2024 19:20	FO
107-06-2	1,2-Dichloroethane	ND		ug/L	0.500	1	EPA 8260C	09/28/2024 11:19	09/28/2024 19:20	FO
78-87-5	1,2-Dichloropropane	ND		ug/L	0.500	1	EPA 8260C	09/28/2024 11:19	09/28/2024 19:20	FO
108-67-8	**1,3,5-Trimethylbenzene**	**3.06**		ug/L	0.500	1	EPA 8260C	09/28/2024 11:19	09/28/2024 19:20	FO
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.500	1	EPA 8260C	09/28/2024 11:19	09/28/2024 19:20	FO
142-28-9	1,3-Dichloropropane	ND		ug/L	0.500	1	EPA 8260C	09/28/2024 11:19	09/28/2024 19:20	FO
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.500	1	EPA 8260C	09/28/2024 11:19	09/28/2024 19:20	FO
594-20-7	2,2-Dichloropropane	ND		ug/L	0.500	1	EPA 8260C	09/28/2024 11:19	09/28/2024 19:20	FO
78-93-3	2-Butanone	ND	CCVE	ug/L	0.500	1	EPA 8260C	09/28/2024 11:19	09/28/2024 19:20	FO
95-49-8	2-Chlorotoluene	ND		ug/L	0.500	1	EPA 8260C	09/28/2024 11:19	09/28/2024 19:20	FO
591-78-6	2-Hexanone	ND		ug/L	0.500	1	EPA 8260C	09/28/2024 11:19	09/28/2024 19:20	FO
106-43-4	4-Chlorotoluene	ND		ug/L	0.500	1	EPA 8260C	09/28/2024 11:19	09/28/2024 19:20	FO
108-10-1	4-Methyl-2-pentanone	ND		ug/L	0.500	1	EPA 8260C	09/28/2024 11:19	09/28/2024 19:20	FO
67-64-1	Acetone	ND		ug/L	2.00	1	EPA 8260C	09/28/2024 11:19	09/28/2024 19:20	FO
107-13-1	Acrylonitrile	ND		ug/L	0.500	1	EPA 8260C	09/28/2024 11:19	09/28/2024 19:20	FO
71-43-2	**Benzene**	**0.690**		ug/L	0.500	1	EPA 8260C	09/28/2024 11:19	09/28/2024 19:20	FO
108-86-1	Bromobenzene	ND		ug/L	0.500	1	EPA 8260C	09/28/2024 11:19	09/28/2024 19:20	FO
74-97-5	Bromochloromethane	ND		ug/L	0.500	1	EPA 8260C	09/28/2024 11:19	09/28/2024 19:20	FO
75-27-4	Bromodichloromethane	ND		ug/L	0.500	1	EPA 8260C	09/28/2024 11:19	09/28/2024 19:20	FO
75-25-2	Bromoform	ND		ug/L	0.500	1	EPA 8260C	09/28/2024 11:19	09/28/2024 19:20	FO
74-83-9	Bromomethane	ND	CCVE	ug/L	0.500	1	EPA 8260C	09/28/2024 11:19	09/28/2024 19:20	FO
75-15-0	Carbon disulfide	ND		ug/L	0.500	1	EPA 8260C	09/28/2024 11:19	09/28/2024 19:20	FO
56-23-5	Carbon tetrachloride	ND		ug/L	0.500	1	EPA 8260C	09/28/2024 11:19	09/28/2024 19:20	FO

Sample Information

Client Sample ID: RW-8 **York Sample ID:** 24I1423 23

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24I1423	TE23-007 Region 18	Ground Water	September 22, 2024 12:30 pm	09/24/2024

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
108 90 7	Chlorobenzene	ND		ug/L	0 500	1	EPA 8260C	09/28/2024 11:19	09/28/2024 19:20	FO
75-00-3	Chloroethane	ND		ug/L	0.500	1	EPA 8260C	09/28/2024 11:19	09/28/2024 19:20	FO
67 66 3	Chloroform	ND		ug/L	0 500	1	EPA 8260C	09/28/2024 11:19	09/28/2024 19:20	FO
74-87-3	Chloromethane	ND		ug/L	0.500	1	EPA 8260C	09/28/2024 11:19	09/28/2024 19:20	FO
156-59-2	cis-1,2-Dichloroethylene	ND		ug/L	0.500	1	EPA 8260C	09/28/2024 11:19	09/28/2024 19:20	FO
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.500	1	EPA 8260C	09/28/2024 11:19	09/28/2024 19:20	FO
124-48-1	Dibromochloromethane	ND		ug/L	0.500	1	EPA 8260C	09/28/2024 11:19	09/28/2024 19:20	FO
74-95-3	Dibromomethane	ND		ug/L	0.500	1	EPA 8260C	09/28/2024 11:19	09/28/2024 19:20	FO
75-71-8	Dichlorodifluoromethane	ND	CCVE	ug/L	0.500	1	EPA 8260C	09/28/2024 11:19	09/28/2024 19:20	FO
100-41-4	Ethyl Benzene	ND		ug/L	0.500	1	EPA 8260C	09/28/2024 11:19	09/28/2024 19:20	FO
87-68-3	Hexachlorobutadiene	ND		ug/L	0.500	1	EPA 8260C	09/28/2024 11:19	09/28/2024 19:20	FO
98-82-8	**Isopropylbenzene**	**0.910**		ug/L	0.500	1	EPA 8260C	09/28/2024 11:19	09/28/2024 19:20	FO
80-62-6	Methyl Methacrylate	ND		ug/L	0.500	1	EPA 8260C	09/28/2024 11:19	09/28/2024 19:20	FO
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.500	1	EPA 8260C	09/28/2024 11:19	09/28/2024 19:20	FO
75-09-2	Methylene chloride	ND		ug/L	2.00	1	EPA 8260C	09/28/2024 11:19	09/28/2024 19:20	FO
91-20-3	Naphthalene	ND		ug/L	2.00	1	EPA 8260C	09/28/2024 11:19	09/28/2024 19:20	FO
104-51-8	**n-Butylbenzene**	**0.680**		ug/L	0.500	1	EPA 8260C	09/28/2024 11:19	09/28/2024 19:20	FO
103-65-1	n-Propylbenzene	ND		ug/L	0.500	1	EPA 8260C	09/28/2024 11:19	09/28/2024 19:20	FO
95-47-6	**o-Xylene**	**1.98**		ug/L	0.500	1	EPA 8260C	09/28/2024 11:19	09/28/2024 19:20	FO
179601-23-1	p- & m- Xylenes	ND		ug/L	1.00	1	EPA 8260C	09/28/2024 11:19	09/28/2024 19:20	FO
99-87-6	p-Isopropyltoluene	ND		ug/L	0.500	1	EPA 8260C	09/28/2024 11:19	09/28/2024 19:20	FO
135-98-8	**sec-Butylbenzene**	**0.720**		ug/L	0.500	1	EPA 8260C	09/28/2024 11:19	09/28/2024 19:20	FO
100-42-5	Styrene	ND		ug/L	0.500	1	EPA 8260C	09/28/2024 11:19	09/28/2024 19:20	FO
98-06-6	tert-Butylbenzene	ND		ug/L	0.500	1	EPA 8260C	09/28/2024 11:19	09/28/2024 19:20	FO
127-18-4	Tetrachloroethylene	ND	QL-02, ICVE	ug/L	0.500	1	EPA 8260C	09/28/2024 11:19	09/28/2024 19:20	FO
109-99-9	Tetrahydrofuran	ND	CCVE	ug/L	4.00	1	EPA 8260C	09/28/2024 11:19	09/28/2024 19:20	FO
108-88-3	Toluene	ND		ug/L	0.500	1	EPA 8260C	09/28/2024 11:19	09/28/2024 19:20	FO
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.500	1	EPA 8260C	09/28/2024 11:19	09/28/2024 19:20	FO
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.500	1	EPA 8260C	09/28/2024 11:19	09/28/2024 19:20	FO
110-57-6	trans-1,4-dichloro-2-butene	ND		ug/L	0.500	1	EPA 8260C	09/28/2024 11:19	09/28/2024 19:20	FO
79-01-6	Trichloroethylene	ND		ug/L	0.500	1	EPA 8260C	09/28/2024 11:19	09/28/2024 19:20	FO
75-69-4	Trichlorofluoromethane	ND		ug/L	0.500	1	EPA 8260C	09/28/2024 11:19	09/28/2024 19:20	FO
75-01-4	Vinyl Chloride	ND		ug/L	0.500	1	EPA 8260C	09/28/2024 11:19	09/28/2024 19:20	FO

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: SURR: 1,2-Dichloroethane-d4*	*97.8 %*	*70-130*
2037-26-5	*Surrogate: SURR: Toluene-d8*	*106 %*	*70-130*
460-00-4	*Surrogate: SURR: p-Bromofluorobenzene*	*109 %*	*70-130*

Sample Information

Client Sample ID: RW-8 **York Sample ID:** 24I1423-23

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24I1423	TE23-007 Region 18	Ground Water	September 22, 2024 12:30 pm	09/24/2024

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	09/27/2024 19:51	09/28/2024 17:48	LL
	Surrogate Recoveries	**Result**			**Acceptance Range**					
4165-60-0	*Surrogate: SURR: Nitrobenzene-d5*	*63.6 %*			*30-130*					
321-60-8	*Surrogate: SURR: 2-Fluorobiphenyl*	*69.0 %*			*30-130*					
1718-51-0	*Surrogate: SURR: Terphenyl-d14*	*61.9 %*			*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		ug/L	0.0500	1	EPA 8270D SIM	09/27/2024 19:51	10/01/2024 14:33	LL
208-96-8	Acenaphthylene	ND		ug/L	0.0500	1	EPA 8270D SIM	09/27/2024 19:51	10/01/2024 14:33	LL
120-12-7	Anthracene	ND		ug/L	0.0500	1	EPA 8270D SIM	09/27/2024 19:51	10/01/2024 14:33	LL
56-55-3	Benzo(a)anthracene	ND		ug/L	0.0500	1	EPA 8270D SIM	09/27/2024 19:51	10/01/2024 14:33	LL
50-32-8	Benzo(a)pyrene	ND		ug/L	0.0500	1	EPA 8270D SIM	09/27/2024 19:51	10/01/2024 14:33	LL
205-99-2	Benzo(b)fluoranthene	ND		ug/L	0.0500	1	EPA 8270D SIM	09/27/2024 19:51	10/01/2024 14:33	LL
191-24-2	Benzo(g,h,i)perylene	ND		ug/L	0.0500	1	EPA 8270D SIM	09/27/2024 19:51	10/01/2024 14:33	LL
207-08-9	Benzo(k)fluoranthene	ND		ug/L	0.0500	1	EPA 8270D SIM	09/27/2024 19:51	10/01/2024 14:33	LL
218-01-9	Chrysene	ND		ug/L	0.0500	1	EPA 8270D SIM	09/27/2024 19:51	10/01/2024 14:33	LL
53-70-3	Dibenzo(a,h)anthracene	ND		ug/L	0.0500	1	EPA 8270D SIM	09/27/2024 19:51	10/01/2024 14:33	LL
206-44-0	Fluoranthene	ND		ug/L	0.0500	1	EPA 8270D SIM	09/27/2024 19:51	10/01/2024 14:33	LL
86-73-7	Fluorene	ND		ug/L	0.0500	1	EPA 8270D SIM	09/27/2024 19:51	10/01/2024 14:33	LL
193-39-5	Indeno(1,2,3-cd)pyrene	ND		ug/L	0.0500	1	EPA 8270D SIM	09/27/2024 19:51	10/01/2024 14:33	LL
91-20-3	**Naphthalene**	**0.830**		ug/L	0.0500	1	EPA 8270D SIM	09/27/2024 19:51	10/01/2024 14:33	LL
85-01-8	Phenanthrene	ND		ug/L	0.0500	1	EPA 8270D SIM	09/27/2024 19:51	10/01/2024 14:33	LL
129-00-0	Pyrene	ND		ug/L	0.0500	1	EPA 8270D SIM	09/27/2024 19:51	10/01/2024 14:33	LL

Extractable Total Petroleum Hydrocarbons (ETPH)

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

Sample Prepared by Method EPA SW846 3510C Low Level

CAS No.	Parameter	Result	Flag	Units	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
CT ETPH	**ETPH (Extractable Total Petroleum Hydrocarbons)**	**0.268**		mg/L	0.150	1	CT DEP ETPH	09/27/2024 08:34	09/28/2024 03:52	GXB
	Surrogate Recoveries	**Result**			**Acceptance Range**					
3386-33-2	*Surrogate: 1-Chlorooctadecane*	*65.6 %*			*30-140*					

Sample Information

Client Sample ID: RW-9 **York Sample ID:** 24I1423 24

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24I1423	TE23-007 Region 18	Ground Water	September 22, 2024 11:30 am	09/24/2024

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	09/28/2024 11:19	09/28/2024 19:47	FO
71-55-6	1,1,1-Trichloroethane	ND		ug/L	0.500	1	EPA 8260C	09/28/2024 11:19	09/28/2024 19:47	FO
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.500	1	EPA 8260C	09/28/2024 11:19	09/28/2024 19:47	FO
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/L	0.500	1	EPA 8260C	09/28/2024 11:19	09/28/2024 19:47	FO
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.500	1	EPA 8260C	09/28/2024 11:19	09/28/2024 19:47	FO
75-34-3	1,1-Dichloroethane	ND		ug/L	0.500	1	EPA 8260C	09/28/2024 11:19	09/28/2024 19:47	FO
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.500	1	EPA 8260C	09/28/2024 11:19	09/28/2024 19:47	FO
563-58-6	1,1-Dichloropropylene	ND		ug/L	0.500	1	EPA 8260C	09/28/2024 11:19	09/28/2024 19:47	FO
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	0.500	1	EPA 8260C	09/28/2024 11:19	09/28/2024 19:47	FO
96-18-4	1,2,3-Trichloropropane	ND		ug/L	0.500	1	EPA 8260C	09/28/2024 11:19	09/28/2024 19:47	FO
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.500	1	EPA 8260C	09/28/2024 11:19	09/28/2024 19:47	FO
95-63-6	**1,2,4-Trimethylbenzene**	**8.39**		ug/L	0.500	1	EPA 8260C	09/28/2024 11:19	09/28/2024 19:47	FO
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.500	1	EPA 8260C	09/28/2024 11:19	09/28/2024 19:47	FO
106-93-4	1,2-Dibromoethane	ND		ug/L	0.500	1	EPA 8260C	09/28/2024 11:19	09/28/2024 19:47	FO
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.500	1	EPA 8260C	09/28/2024 11:19	09/28/2024 19:47	FO
107-06-2	1,2-Dichloroethane	ND		ug/L	0.500	1	EPA 8260C	09/28/2024 11:19	09/28/2024 19:47	FO
78-87-5	1,2-Dichloropropane	ND		ug/L	0.500	1	EPA 8260C	09/28/2024 11:19	09/28/2024 19:47	FO
108-67-8	**1,3,5-Trimethylbenzene**	**1.16**		ug/L	0.500	1	EPA 8260C	09/28/2024 11:19	09/28/2024 19:47	FO
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.500	1	EPA 8260C	09/28/2024 11:19	09/28/2024 19:47	FO
142-28-9	1,3-Dichloropropane	ND		ug/L	0.500	1	EPA 8260C	09/28/2024 11:19	09/28/2024 19:47	FO
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.500	1	EPA 8260C	09/28/2024 11:19	09/28/2024 19:47	FO
594-20-7	2,2-Dichloropropane	ND		ug/L	0.500	1	EPA 8260C	09/28/2024 11:19	09/28/2024 19:47	FO
78-93-3	2-Butanone	ND	CCVE	ug/L	0.500	1	EPA 8260C	09/28/2024 11:19	09/28/2024 19:47	FO
95-49-8	2-Chlorotoluene	ND		ug/L	0.500	1	EPA 8260C	09/28/2024 11:19	09/28/2024 19:47	FO
591-78-6	2-Hexanone	ND		ug/L	0.500	1	EPA 8260C	09/28/2024 11:19	09/28/2024 19:47	FO
106-43-4	4-Chlorotoluene	ND		ug/L	0.500	1	EPA 8260C	09/28/2024 11:19	09/28/2024 19:47	FO
108-10-1	4-Methyl-2-pentanone	ND		ug/L	0.500	1	EPA 8260C	09/28/2024 11:19	09/28/2024 19:47	FO
67-64-1	Acetone	ND		ug/L	2.00	1	EPA 8260C	09/28/2024 11:19	09/28/2024 19:47	FO
107-13-1	Acrylonitrile	ND		ug/L	0.500	1	EPA 8260C	09/28/2024 11:19	09/28/2024 19:47	FO
71-43-2	Benzene	ND		ug/L	0.500	1	EPA 8260C	09/28/2024 11:19	09/28/2024 19:47	FO
108-86-1	Bromobenzene	ND		ug/L	0.500	1	EPA 8260C	09/28/2024 11:19	09/28/2024 19:47	FO
74-97-5	Bromochloromethane	ND		ug/L	0.500	1	EPA 8260C	09/28/2024 11:19	09/28/2024 19:47	FO
75-27-4	Bromodichloromethane	ND		ug/L	0.500	1	EPA 8260C	09/28/2024 11:19	09/28/2024 19:47	FO
75-25-2	Bromoform	ND		ug/L	0.500	1	EPA 8260C	09/28/2024 11:19	09/28/2024 19:47	FO
74-83-9	Bromomethane	ND	CCVE	ug/L	0.500	1	EPA 8260C	09/28/2024 11:19	09/28/2024 19:47	FO
75-15-0	Carbon disulfide	ND		ug/L	0.500	1	EPA 8260C	09/28/2024 11:19	09/28/2024 19:47	FO
56-23-5	Carbon tetrachloride	ND		ug/L	0.500	1	EPA 8260C	09/28/2024 11:19	09/28/2024 19:47	FO

Sample Information

Client Sample ID: RW-9 **York Sample ID:** 24I1423 24

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24I1423	TE23-007 Region 18	Ground Water	September 22, 2024 11:30 am	09/24/2024

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
108 90 7	Chlorobenzene	ND		ug/L	0 500	1	EPA 8260C	09/28/2024 11:19	09/28/2024 19:47	FO
75-00-3	Chloroethane	ND		ug/L	0.500	1	EPA 8260C	09/28/2024 11:19	09/28/2024 19:47	FO
67 66 3	Chloroform	ND		ug/L	0 500	1	EPA 8260C	09/28/2024 11:19	09/28/2024 19:47	FO
74-87-3	Chloromethane	ND		ug/L	0.500	1	EPA 8260C	09/28/2024 11:19	09/28/2024 19:47	FO
156-59-2	cis-1,2-Dichloroethylene	ND		ug/L	0.500	1	EPA 8260C	09/28/2024 11:19	09/28/2024 19:47	FO
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.500	1	EPA 8260C	09/28/2024 11:19	09/28/2024 19:47	FO
124-48-1	Dibromochloromethane	ND		ug/L	0.500	1	EPA 8260C	09/28/2024 11:19	09/28/2024 19:47	FO
74-95-3	Dibromomethane	ND		ug/L	0.500	1	EPA 8260C	09/28/2024 11:19	09/28/2024 19:47	FO
75-71-8	Dichlorodifluoromethane	ND	CCVE	ug/L	0.500	1	EPA 8260C	09/28/2024 11:19	09/28/2024 19:47	FO
100-41-4	Ethyl Benzene	ND		ug/L	0.500	1	EPA 8260C	09/28/2024 11:19	09/28/2024 19:47	FO
87-68-3	Hexachlorobutadiene	ND		ug/L	0.500	1	EPA 8260C	09/28/2024 11:19	09/28/2024 19:47	FO
98-82-8	**Isopropylbenzene**	**1.05**		ug/L	0.500	1	EPA 8260C	09/28/2024 11:19	09/28/2024 19:47	FO
80-62-6	Methyl Methacrylate	ND		ug/L	0.500	1	EPA 8260C	09/28/2024 11:19	09/28/2024 19:47	FO
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.500	1	EPA 8260C	09/28/2024 11:19	09/28/2024 19:47	FO
75-09-2	Methylene chloride	ND		ug/L	2.00	1	EPA 8260C	09/28/2024 11:19	09/28/2024 19:47	FO
91-20-3	Naphthalene	ND		ug/L	2.00	1	EPA 8260C	09/28/2024 11:19	09/28/2024 19:47	FO
104-51-8	n-Butylbenzene	ND		ug/L	0.500	1	EPA 8260C	09/28/2024 11:19	09/28/2024 19:47	FO
103-65-1	n-Propylbenzene	ND		ug/L	0.500	1	EPA 8260C	09/28/2024 11:19	09/28/2024 19:47	FO
95-47-6	**o-Xylene**	**9.09**		ug/L	0.500	1	EPA 8260C	09/28/2024 11:19	09/28/2024 19:47	FO
179601-23-1	**p- & m- Xylenes**	**3.37**		ug/L	1.00	1	EPA 8260C	09/28/2024 11:19	09/28/2024 19:47	FO
99-87-6	p-Isopropyltoluene	ND		ug/L	0.500	1	EPA 8260C	09/28/2024 11:19	09/28/2024 19:47	FO
135-98-8	**sec-Butylbenzene**	**0.560**		ug/L	0.500	1	EPA 8260C	09/28/2024 11:19	09/28/2024 19:47	FO
100-42-5	Styrene	ND		ug/L	0.500	1	EPA 8260C	09/28/2024 11:19	09/28/2024 19:47	FO
98-06-6	tert-Butylbenzene	ND		ug/L	0.500	1	EPA 8260C	09/28/2024 11:19	09/28/2024 19:47	FO
127-18-4	Tetrachloroethylene	ND	ICVE, QL-02	ug/L	0.500	1	EPA 8260C	09/28/2024 11:19	09/28/2024 19:47	FO
109-99-9	Tetrahydrofuran	ND	CCVE	ug/L	4.00	1	EPA 8260C	09/28/2024 11:19	09/28/2024 19:47	FO
108-88-3	Toluene	ND		ug/L	0.500	1	EPA 8260C	09/28/2024 11:19	09/28/2024 19:47	FO
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.500	1	EPA 8260C	09/28/2024 11:19	09/28/2024 19:47	FO
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.500	1	EPA 8260C	09/28/2024 11:19	09/28/2024 19:47	FO
110-57-6	trans-1,4-dichloro-2-butene	ND		ug/L	0.500	1	EPA 8260C	09/28/2024 11:19	09/28/2024 19:47	FO
79-01-6	Trichloroethylene	ND		ug/L	0.500	1	EPA 8260C	09/28/2024 11:19	09/28/2024 19:47	FO
75-69-4	Trichlorofluoromethane	ND		ug/L	0.500	1	EPA 8260C	09/28/2024 11:19	09/28/2024 19:47	FO
75-01-4	Vinyl Chloride	ND		ug/L	0.500	1	EPA 8260C	09/28/2024 11:19	09/28/2024 19:47	FO

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: SURR: 1,2-Dichloroethane-d4*	*98.4 %*	*70-130*
2037-26-5	*Surrogate: SURR: Toluene-d8*	*105 %*	*70-130*
460-00-4	*Surrogate: SURR: p-Bromofluorobenzene*	*107 %*	*70-130*

Sample Information

Client Sample ID: RW-9 **York Sample ID:** 24I1423-24

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24I1423	TE23-007 Region 18	Ground Water	September 22, 2024 11:30 am	09/24/2024

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	09/27/2024 19:51	09/28/2024 18:18	LL
	Surrogate Recoveries	**Result**			**Acceptance Range**					
4165-60-0	*Surrogate: SURR: Nitrobenzene-d5*	*71.2 %*			*30-130*					
321-60-8	*Surrogate: SURR: 2-Fluorobiphenyl*	*77.6 %*			*30-130*					
1718-51-0	*Surrogate: SURR: Terphenyl-d14*	*76.9 %*			*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**	**0.220**		ug/L	0.0500	1	EPA 8270D SIM	09/27/2024 19:51	10/01/2024 15:32	LL
208-96-8	Acenaphthylene	ND		ug/L	0.0500	1	EPA 8270D SIM	09/27/2024 19:51	10/01/2024 15:32	LL
120-12-7	Anthracene	ND		ug/L	0.0500	1	EPA 8270D SIM	09/27/2024 19:51	10/01/2024 15:32	LL
56-55-3	Benzo(a)anthracene	ND		ug/L	0.0500	1	EPA 8270D SIM	09/27/2024 19:51	10/01/2024 15:32	LL
50-32-8	Benzo(a)pyrene	ND		ug/L	0.0500	1	EPA 8270D SIM	09/27/2024 19:51	10/01/2024 15:32	LL
205-99-2	Benzo(b)fluoranthene	ND		ug/L	0.0500	1	EPA 8270D SIM	09/27/2024 19:51	10/01/2024 15:32	LL
191-24-2	Benzo(g,h,i)perylene	ND		ug/L	0.0500	1	EPA 8270D SIM	09/27/2024 19:51	10/01/2024 15:32	LL
207-08-9	Benzo(k)fluoranthene	ND		ug/L	0.0500	1	EPA 8270D SIM	09/27/2024 19:51	10/01/2024 15:32	LL
218-01-9	Chrysene	ND		ug/L	0.0500	1	EPA 8270D SIM	09/27/2024 19:51	10/01/2024 15:32	LL
53-70-3	Dibenzo(a,h)anthracene	ND		ug/L	0.0500	1	EPA 8270D SIM	09/27/2024 19:51	10/01/2024 15:32	LL
206-44-0	Fluoranthene	ND		ug/L	0.0500	1	EPA 8270D SIM	09/27/2024 19:51	10/01/2024 15:32	LL
86-73-7	**Fluorene**	**0.100**		ug/L	0.0500	1	EPA 8270D SIM	09/27/2024 19:51	10/01/2024 15:32	LL
193-39-5	Indeno(1,2,3-cd)pyrene	ND		ug/L	0.0500	1	EPA 8270D SIM	09/27/2024 19:51	10/01/2024 15:32	LL
91-20-3	**Naphthalene**	**1.83**		ug/L	0.0500	1	EPA 8270D SIM	09/27/2024 19:51	10/01/2024 15:32	LL
85-01-8	**Phenanthrene**	**0.340**		ug/L	0.0500	1	EPA 8270D SIM	09/27/2024 19:51	10/01/2024 15:32	LL
129-00-0	**Pyrene**	**0.100**		ug/L	0.0500	1	EPA 8270D SIM	09/27/2024 19:51	10/01/2024 15:32	LL

Extractable Total Petroleum Hydrocarbons (ETPH)

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

Sample Prepared by Method: EPA SW846-3510C Low Level

CAS No.	Parameter	Result	Flag	Units	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
CT ETPH	**ETPH (Extractable Total Petroleum Hydrocarbons)**	**0.766**		mg/L	0.150	1	CT DEP ETPH	09/27/2024 08:34	09/28/2024 04:30	GXB
	Surrogate Recoveries	**Result**			**Acceptance Range**					
3386-33-2	*Surrogate: 1-Chlorooctadecane*	*71.6 %*			*30-140*					

REASONABLE CONFIDENCE PROTOCOL
LABORATORY ANALYSIS QA/QC CERTIFICATION FORM

RCP Methods Used: See Narrative and Method Reference Section of this Technical Report

	Yes / No / NA /NR
1) For each analytical method referenced in this laboratory, report package, were all sepcified 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 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 theCTDEP Reasonable Confidence Protocol documents achieved ?	NO
5a) Were reporting limits specified or referenced on the chain-of-custody?	YES
5 b) 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 should be provided in an attached narrative. If the answer to question #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 question should 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: 10/10/2024

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.: 24I1423

Client : Turner Environmental, LLC

Client Project ID : TE23-007 Region 18

Prepared for : David Turner

1.0) Introduction

This work order Narrative applies to the following samples submitted to our laboratory on: 09/24/2024 2:10 PM

24 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: **{2.0}°C**

Sample Summary

SampleName	Lab Number	Matrix	Date Collected	Date Received
MW-1	24I1423-01	Water	09/21/2024 8:55 AM	09/24/2024 2:10 PM
MW-2	24I1423-02	Water	09/21/2024 9:50 AM	09/24/2024 2:10 PM
MW-3	24I1423-03	Water	09/21/2024 9:05 AM	09/24/2024 2:10 PM
MW-4	24I1423-04	Water	09/21/2024 9:50 AM	09/24/2024 2:10 PM
MW-5	24I1423-05	Water	09/21/2024 10:45 AM	09/24/2024 2:10 PM
MW-6	24I1423-06	Water	09/21/2024 10:50 AM	09/24/2024 2:10 PM
MW-7	24I1423-07	Water	09/21/2024 11:30 AM	09/24/2024 2:10 PM
MW-7R	24I1423-08	Water	09/21/2024 12:25 PM	09/24/2024 2:10 PM
MW-7D	24I1423-09	Water	09/21/2024 1:10 PM	09/24/2024 2:10 PM
MW-8	24I1423-10	Water	09/21/2024 2:15 PM	09/24/2024 2:10 PM
MW-9	24I1423-11	Water	09/21/2024 11:35 AM	09/24/2024 2:10 PM
MW-10	24I1423-12	Water	09/21/2024 2:05 PM	09/24/2024 2:10 PM
MW-10R	24I1423-13	Water	09/21/2024 2:55 PM	09/24/2024 2:10 PM
MW-11	24I1423-14	Water	09/21/2024 3:55 PM	09/24/2024 2:10 PM
MW-12	24I1423-15	Water	09/21/2024 4:50 PM	09/24/2024 2:10 PM
MW-13	24I1423-16	Water	09/21/2024 4:10 PM	09/24/2024 2:10 PM
MW-15	24I1423-17	Water	09/21/2024 3:00 PM	09/24/2024 2:10 PM
MW-16	24I1423-18	Water	09/21/2024 1:20 PM	09/24/2024 2:10 PM
MW-17	24I1423-19	Water	09/21/2024 3:00 PM	09/24/2024 2:10 PM
MW-18	24I1423-20	Water	09/21/2024 12:30 PM	09/24/2024 2:10 PM
MW-19	24I1423-21	Water	09/21/2024 5:50 PM	09/24/2024 2:10 PM
MW-20	24I1423-22	Water	09/21/2024 5:35 PM	09/24/2024 2:10 PM
RW-8	24I1423-23	Water	09/22/2024 12:30 PM	09/24/2024 2:10 PM
RW-9	24I1423-24	Water	09/22/2024 11:30 AM	09/24/2024 2:10 PM

WorkOrder Comments

The following CT RCP list of compound Reporting Limits do not meet the current action levels defined in the State o 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.

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 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 ; Aniline ; Benzyl butyl phthalate ; Bis(2-chloroethoxy)methane ; Bis(2-chloroethyl)ether ; Bis(2-chloroisopropyl)ether ; Carbazole ; Dibenzofuran ; Diethyl phthalate ; Dimethyl phthalate ; Di-n-butyl phthalate ; Di-n-octyl phthalate ; Hexachlorocyclopentadiene ; Isophorone ; N-nitroso-di-n-propylamine ; N-Nitrosodiphenylamine ; Pentachloronitrobenzene ; Phenol ; 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.

Sample Analyte Bias Based on QC Performance

	LabNumber	SampleID	Analyte	ICVSCV	CCV	BS/LCS	MS	MSD	MSDRPD
SVOA	24I1423-01	MW-1	Acenaphthene	high					
SVOA	24I1423-01	MW-1	Acenaphthylene	high					
SVOA	24I1423-01	MW-1	Anthracene	high					
SVOA	24I1423-01	MW-1	Benzo(a)anthracene	high					
SVOA	24I1423-01	MW-1	Benzo(a)pyrene	high					
SVOA	24I1423-01	MW-1	Benzo(b)fluoranthene	high					
SVOA	24I1423-01	MW-1	Benzo(g,h,i)perylene	high					
SVOA	24I1423-01	MW-1	Benzo(k)fluoranthene	high					
SVOA	24I1423-01	MW-1	Chrysene	high					
SVOA	24I1423-01	MW-1	Dibenzo(a,h)anthracene	high					
SVOA	24I1423-01	MW-1	Fluoranthene	high					
SVOA	24I1423-01	MW-1	Fluorene	high					
SVOA	24I1423-01	MW-1	Indeno(1,2,3-cd)pyrene	high					
SVOA	24I1423-01	MW-1	Naphthalene	high					
SVOA	24I1423-01	MW-1	Phenanthrene	high					
SVOA	24I1423-02	MW-2	Acenaphthene	high					
SVOA	24I1423-02	MW-2	Acenaphthylene	high					
SVOA	24I1423-02	MW-2	Anthracene	high					
SVOA	24I1423-02	MW-2	Benzo(a)anthracene	high					
SVOA	24I1423-02	MW-2	Benzo(a)pyrene	high					
SVOA	24I1423-02	MW-2	Benzo(b)fluoranthene	high					
SVOA	24I1423-02	MW-2	Benzo(g,h,i)perylene	high					
SVOA	24I1423-02	MW-2	Benzo(k)fluoranthene	high					
SVOA	24I1423-02	MW-2	Chrysene	high					
SVOA	24I1423-02	MW-2	Dibenzo(a,h)anthracene	high					
SVOA	24I1423-02	MW-2	Fluoranthene	high					
SVOA	24I1423-02	MW-2	Fluorene	high					
SVOA	24I1423-02	MW-2	Indeno(1,2,3-cd)pyrene	high					
SVOA	24I1423-02	MW-2	Naphthalene	high					
SVOA	24I1423-02	MW-2	Phenanthrene	high					
SVOA	24I1423-03	MW-3	2-Methylnaphthalene			Low			
SVOA	24I1423-04	MW-4	2-Methylnaphthalene			high			
SVOA	24I1423-04	MW-4	Acenaphthene	high					
SVOA	24I1423-04	MW-4	Acenaphthylene	high		high			
SVOA	24I1423-04	MW-4	Anthracene	high					
SVOA	24I1423-04	MW-4	Benzo(a)anthracene	high		high			
SVOA	24I1423-04	MW-4	Benzo(a)pyrene	high					
SVOA	24I1423-04	MW-4	Benzo(b)fluoranthene	high					
SVOA	24I1423-04	MW-4	Benzo(g,h,i)perylene	high		high			
SVOA	24I1423-04	MW-4	Benzo(k)fluoranthene	high					

Sample Analyte Bias Based on QC Performance

	LabNumber	SampleID	Analyte	ICVSCV	CCV	BS/LCS	MS	MSD	MSDRPD
SVOA	24I1423-04	MW-4	Chrysene	high					
SVOA	24I1423-04	MW-4	Dibenzo(a,h)anthracene	high		high			
SVOA	24I1423-04	MW-4	Fluoranthene	high		high			
SVOA	24I1423-04	MW-4	Fluorene	high		high			
SVOA	24I1423-04	MW-4	Indeno(1,2,3-cd)pyrene	high		high			
SVOA	24I1423-04	MW-4	Naphthalene	high					
SVOA	24I1423-04	MW-4	Phenanthrene	high					
SVOA	24I1423-05	MW-5	2-Methylnaphthalene			Low			
SVOA	24I1423-06	MW-6	2-Methylnaphthalene			Low			
SVOA	24I1423-07	MW-7	2-Methylnaphthalene			Low			
SVOA	24I1423-08	MW-7R	2-Methylnaphthalene			Low			
SVOA	24I1423-09	MW-7D	2-Methylnaphthalene			Low			
SVOA	24I1423-10	MW-8	2-Methylnaphthalene			Low			
SVOA	24I1423-11	MW-9	2-Methylnaphthalene			Low			
SVOA	24I1423-12	MW-10	2-Methylnaphthalene			Low			
SVOA	24I1423-19	MW-17	Acenaphthene	high					
SVOA	24I1423-19	MW-17	Acenaphthylene	high					
SVOA	24I1423-19	MW-17	Anthracene	high					
SVOA	24I1423-19	MW-17	Benzo(a)anthracene	high					
SVOA	24I1423-19	MW-17	Benzo(a)pyrene	high					
SVOA	24I1423-19	MW-17	Benzo(b)fluoranthene	high					
SVOA	24I1423-19	MW-17	Benzo(g,h,i)perylene	high					
SVOA	24I1423-19	MW-17	Benzo(k)fluoranthene	high					
SVOA	24I1423-19	MW-17	Chrysene	high					
SVOA	24I1423-19	MW-17	Dibenzo(a,h)anthracene	high					
SVOA	24I1423-19	MW-17	Fluoranthene	high					
SVOA	24I1423-19	MW-17	Fluorene	high					
SVOA	24I1423-19	MW-17	Indeno(1,2,3-cd)pyrene	high					
SVOA	24I1423-19	MW-17	Naphthalene	high					
SVOA	24I1423-19	MW-17	Phenanthrene	high					
SVOA	24I1423-20	MW-18	Acenaphthene	high					
SVOA	24I1423-20	MW-18	Acenaphthylene	high					
SVOA	24I1423-20	MW-18	Anthracene	high					
SVOA	24I1423-20	MW-18	Benzo(a)anthracene	high					
SVOA	24I1423-20	MW-18	Benzo(a)pyrene	high					
SVOA	24I1423-20	MW-18	Benzo(b)fluoranthene	high					
SVOA	24I1423-20	MW-18	Benzo(g,h,i)perylene	high					
SVOA	24I1423-20	MW-18	Benzo(k)fluoranthene	high					
SVOA	24I1423-20	MW-18	Chrysene	high					
SVOA	24I1423-20	MW-18	Dibenzo(a,h)anthracene	high					
SVOA	24I1423-20	MW-18	Fluoranthene	high					

Sample Analyte Bias Based on QC Performance

	LabNumber	SampleID	Analyte	ICVSCV	CCV	BS/LCS	MS	MSD	MSDRPD
SVOA	24I1423-20	MW-18	Fluorene	high					
SVOA	24I1423-20	MW-18	Indeno(1,2,3-cd)pyrene	high					
SVOA	24I1423-20	MW-18	Naphthalene	high					
SVOA	24I1423-20	MW-18	Phenanthrene	high					
SVOA	24I1423-21	MW-19	Acenaphthene	high					
SVOA	24I1423-21	MW-19	Acenaphthylene	high					
SVOA	24I1423-21	MW-19	Anthracene	high					
SVOA	24I1423-21	MW-19	Benzo(a)anthracene	high					
SVOA	24I1423-21	MW-19	Benzo(a)pyrene	high					
SVOA	24I1423-21	MW-19	Benzo(b)fluoranthene	high					
SVOA	24I1423-21	MW-19	Benzo(g,h,i)perylene	high					
SVOA	24I1423-21	MW-19	Benzo(k)fluoranthene	high					
SVOA	24I1423-21	MW-19	Chrysene	high					
SVOA	24I1423-21	MW-19	Dibenzo(a,h)anthracene	high					
SVOA	24I1423-21	MW-19	Fluoranthene	high					
SVOA	24I1423-21	MW-19	Fluorene	high					
SVOA	24I1423-21	MW-19	Indeno(1,2,3-cd)pyrene	high					
SVOA	24I1423-21	MW-19	Naphthalene	high					
SVOA	24I1423-21	MW-19	Phenanthrene	high					
SVOA	24I1423-22	MW-20	Acenaphthene	high					
SVOA	24I1423-22	MW-20	Acenaphthylene	high					
SVOA	24I1423-22	MW-20	Anthracene	high					
SVOA	24I1423-22	MW-20	Benzo(a)anthracene	high					
SVOA	24I1423-22	MW-20	Benzo(a)pyrene	high					
SVOA	24I1423-22	MW-20	Benzo(b)fluoranthene	high					
SVOA	24I1423-22	MW-20	Benzo(g,h,i)perylene	high					
SVOA	24I1423-22	MW-20	Benzo(k)fluoranthene	high					
SVOA	24I1423-22	MW-20	Chrysene	high					
SVOA	24I1423-22	MW-20	Dibenzo(a,h)anthracene	high					
SVOA	24I1423-22	MW-20	Fluoranthene	high					
SVOA	24I1423-22	MW-20	Fluorene	high					
SVOA	24I1423-22	MW-20	Indeno(1,2,3-cd)pyrene	high					
SVOA	24I1423-22	MW-20	Naphthalene	high					
SVOA	24I1423-22	MW-20	Phenanthrene	high					
SVOA	24I1423-23	RW-8	Acenaphthene	high					
SVOA	24I1423-23	RW-8	Acenaphthylene	high					
SVOA	24I1423-23	RW-8	Anthracene	high					
SVOA	24I1423-23	RW-8	Benzo(a)anthracene	high					
SVOA	24I1423-23	RW-8	Benzo(a)pyrene	high					
SVOA	24I1423-23	RW-8	Benzo(b)fluoranthene	high					
SVOA	24I1423-23	RW-8	Benzo(g,h,i)perylene	high					

Sample Analyte Bias Based on QC Performance

	LabNumber	SampleID	Analyte	ICVSCV	CCV	BS/LCS	MS	MSD	MSDRPD
SVOA	24I1423-23	RW-8	Benzo(k)fluoranthene	high					
SVOA	24I1423-23	RW-8	Chrysene	high					
SVOA	24I1423-23	RW-8	Dibenzo(a,h)anthracene	high					
SVOA	24I1423-23	RW-8	Fluoranthene	high					
SVOA	24I1423-23	RW-8	Fluorene	high					
SVOA	24I1423-23	RW-8	Indeno(1,2,3-cd)pyrene	high					
SVOA	24I1423-23	RW-8	Naphthalene	high					
SVOA	24I1423-23	RW-8	Phenanthrene	high					
SVOA	24I1423-24	RW-9	Acenaphthene	high					
SVOA	24I1423-24	RW-9	Acenaphthylene	high					
SVOA	24I1423-24	RW-9	Anthracene	high					
SVOA	24I1423-24	RW-9	Benzo(a)anthracene	high					
SVOA	24I1423-24	RW-9	Benzo(a)pyrene	high					
SVOA	24I1423-24	RW-9	Benzo(b)fluoranthene	high					
SVOA	24I1423-24	RW-9	Benzo(g,h,i)perylene	high					
SVOA	24I1423-24	RW-9	Benzo(k)fluoranthene	high					
SVOA	24I1423-24	RW-9	Chrysene	high					
SVOA	24I1423-24	RW-9	Dibenzo(a,h)anthracene	high					
SVOA	24I1423-24	RW-9	Fluoranthene	high					
SVOA	24I1423-24	RW-9	Fluorene	high					
SVOA	24I1423-24	RW-9	Indeno(1,2,3-cd)pyrene	high					
SVOA	24I1423-24	RW-9	Naphthalene	high					
SVOA	24I1423-24	RW-9	Phenanthrene	high					

Sample Analyte Bias Based on QC Performance

	LabNumber	SampleID	Analyte	ICVSCV	CCV	BS/LCS	MS	MSD	MSDRPD
VOA	24I1423-01	MW-1	Acetone	high		high			
VOA	24I1423-01	MW-1	Dichlorodifluoromethane	high					
VOA	24I1423-01	MW-1	n-Propylbenzene	high					
VOA	24I1423-01	MW-1	Tetrachloroethylene	Low	Low	Low			
VOA	24I1423-01	MW-1	Tetrahydrofuran			Low			
VOA	24I1423-02	MW-2	Acetone	high		high			
VOA	24I1423-02	MW-2	Dichlorodifluoromethane	high					
VOA	24I1423-02	MW-2	n-Propylbenzene	high					
VOA	24I1423-02	MW-2	Tetrachloroethylene	Low	Low	Low			
VOA	24I1423-02	MW-2	Tetrahydrofuran			Low			
VOA	24I1423-03	MW-3	Acetone	high		high			
VOA	24I1423-03	MW-3	Dichlorodifluoromethane	high					
VOA	24I1423-03	MW-3	n-Propylbenzene	high					
VOA	24I1423-03	MW-3	Tetrachloroethylene	Low	Low	Low			

Sample Analyte Bias Based on QC Performance

	LabNumber	SampleID	Analyte	ICVSCV	CCV	BS/LCS	MS	MSD	MSDRPD
VOA	24I1423-03	MW-3	Tetrahydrofuran			Low			
VOA	24I1423-04	MW-4	Acetone	high		high			
VOA	24I1423-04	MW-4	Dichlorodifluoromethane	high					
VOA	24I1423-04	MW-4	n-Propylbenzene	high					
VOA	24I1423-04	MW-4	Tetrachloroethylene	Low	Low	Low			
VOA	24I1423-04	MW-4	Tetrahydrofuran			Low			
VOA	24I1423-05	MW-5	Acetone	high		high			
VOA	24I1423-05	MW-5	Dichlorodifluoromethane	high					
VOA	24I1423-05	MW-5	n-Propylbenzene	high					
VOA	24I1423-05	MW-5	Tetrachloroethylene	Low	Low	Low			
VOA	24I1423-05	MW-5	Tetrahydrofuran			Low			
VOA	24I1423-06	MW-6	Acetone	high		high			
VOA	24I1423-06	MW-6	Dichlorodifluoromethane	high					
VOA	24I1423-06	MW-6	n-Propylbenzene	high					
VOA	24I1423-06	MW-6	Tetrachloroethylene	Low	Low	Low			
VOA	24I1423-06	MW-6	Tetrahydrofuran			Low			
VOA	24I1423-07	MW-7	Acetone	high		high			
VOA	24I1423-07	MW-7	Dichlorodifluoromethane	high					
VOA	24I1423-07	MW-7	n-Propylbenzene	high					
VOA	24I1423-07	MW-7	Tetrachloroethylene	Low	Low	Low			
VOA	24I1423-07	MW-7	Tetrahydrofuran			Low			
VOA	24I1423-08	MW-7R	Acetone	high		high			
VOA	24I1423-08	MW-7R	Dichlorodifluoromethane	high					
VOA	24I1423-08	MW-7R	n-Propylbenzene	high					
VOA	24I1423-08	MW-7R	Tetrachloroethylene	Low	Low	Low			
VOA	24I1423-08	MW-7R	Tetrahydrofuran			Low			
VOA	24I1423-09	MW-7D	Acetone	high		high			
VOA	24I1423-09	MW-7D	Dichlorodifluoromethane	high					
VOA	24I1423-09	MW-7D	n-Propylbenzene	high					
VOA	24I1423-09	MW-7D	Tetrachloroethylene	Low	Low	Low			
VOA	24I1423-09	MW-7D	Tetrahydrofuran			Low			
VOA	24I1423-10	MW-8	Acetone	high		high			
VOA	24I1423-10	MW-8	Dichlorodifluoromethane	high					
VOA	24I1423-10	MW-8	n-Propylbenzene	high					
VOA	24I1423-10	MW-8	Tetrachloroethylene	Low	Low	Low			
VOA	24I1423-10	MW-8	Tetrahydrofuran			Low			
VOA	24I1423-11	MW-9	Acetone	high		high			
VOA	24I1423-11	MW-9	Dichlorodifluoromethane	high					
VOA	24I1423-11	MW-9	n-Propylbenzene	high					
VOA	24I1423-11	MW-9	Tetrachloroethylene	Low	Low	Low			
VOA	24I1423-11	MW-9	Tetrahydrofuran			Low			

Sample Analyte Bias Based on QC Performance

	LabNumber	SampleID	Analyte	ICVSCV	CCV	BS/LCS	MS	MSD	MSDRPD
VOA	24I1423-12	MW-10	Acetone	high		high			
VOA	24I1423-12	MW-10	Dichlorodifluoromethane	high					
VOA	24I1423-12	MW-10	n-Propylbenzene	high					
VOA	24I1423-12	MW-10	Tetrachloroethylene	Low	Low	Low			
VOA	24I1423-12	MW-10	Tetrahydrofuran			Low			
VOA	24I1423-13	MW-10R	Acetone	high		high			
VOA	24I1423-13	MW-10R	Dichlorodifluoromethane	high					
VOA	24I1423-13	MW-10R	n-Propylbenzene	high					
VOA	24I1423-13	MW-10R	Tetrachloroethylene	Low	Low	Low			
VOA	24I1423-13	MW-10R	Tetrahydrofuran			Low			
VOA	24I1423-14	MW-11	Acetone	high		high			
VOA	24I1423-14	MW-11	Dichlorodifluoromethane	high					
VOA	24I1423-14	MW-11	n-Propylbenzene	high					
VOA	24I1423-14	MW-11	Tetrachloroethylene	Low	Low	Low			
VOA	24I1423-14	MW-11	Tetrahydrofuran			Low			
VOA	24I1423-15	MW-12	Acetone	high		high			
VOA	24I1423-15	MW-12	Dichlorodifluoromethane	high					
VOA	24I1423-15	MW-12	n-Propylbenzene	high					
VOA	24I1423-15	MW-12	Tetrachloroethylene	Low	Low	Low			
VOA	24I1423-15	MW-12	Tetrahydrofuran			Low			
VOA	24I1423-16	MW-13	1,1,2,2-Tetrachloroethane			high			
VOA	24I1423-16	MW-13	2-Butanone		Low				
VOA	24I1423-16	MW-13	Acetone	high		high			
VOA	24I1423-16	MW-13	Bromomethane		Low				
VOA	24I1423-16	MW-13	Dichlorodifluoromethane	high	Low				
VOA	24I1423-16	MW-13	Methylene chloride			high			
VOA	24I1423-16	MW-13	n-Propylbenzene	high					
VOA	24I1423-16	MW-13	Tetrachloroethylene	Low		Low			
VOA	24I1423-16	MW-13	Tetrahydrofuran		Low				
VOA	24I1423-17	MW-15	1,1,2,2-Tetrachloroethane			high			
VOA	24I1423-17	MW-15	2-Butanone		Low				
VOA	24I1423-17	MW-15	Acetone	high		high			
VOA	24I1423-17	MW-15	Bromomethane		Low				
VOA	24I1423-17	MW-15	Dichlorodifluoromethane	high	Low				
VOA	24I1423-17	MW-15	Methylene chloride			high			
VOA	24I1423-17	MW-15	n-Propylbenzene	high					
VOA	24I1423-17	MW-15	Tetrachloroethylene	Low		Low			
VOA	24I1423-17	MW-15	Tetrahydrofuran		Low				
VOA	24I1423-18	MW-16	1,1,2,2-Tetrachloroethane			high			
VOA	24I1423-18	MW-16	2-Butanone		Low				
VOA	24I1423-18	MW-16	Acetone	high		high			

Sample Analyte Bias Based on QC Performance

	LabNumber	SampleID	Analyte	ICVSCV	CCV	BS/LCS	MS	MSD	MSDRPD
VOA	24I1423-18	MW-16	Bromomethane		Low				
VOA	24I1423-18	MW-16	Dichlorodifluoromethane	high	Low				
VOA	24I1423-18	MW-16	Methylene chloride			high			
VOA	24I1423-18	MW-16	n-Propylbenzene	high					
VOA	24I1423-18	MW-16	Tetrachloroethylene	Low		Low			
VOA	24I1423-18	MW-16	Tetrahydrofuran		Low				
VOA	24I1423-19	MW-17	1,1,2,2-Tetrachloroethane			high			
VOA	24I1423-19	MW-17	2-Butanone		Low				
VOA	24I1423-19	MW-17	Acetone	high		high			
VOA	24I1423-19	MW-17	Bromomethane		Low				
VOA	24I1423-19	MW-17	Dichlorodifluoromethane	high	Low				
VOA	24I1423-19	MW-17	Methylene chloride			high			
VOA	24I1423-19	MW-17	n-Propylbenzene	high					
VOA	24I1423-19	MW-17	Tetrachloroethylene	Low		Low			
VOA	24I1423-19	MW-17	Tetrahydrofuran		Low				
VOA	24I1423-20	MW-18	1,1,2,2-Tetrachloroethane			high			
VOA	24I1423-20	MW-18	2-Butanone		Low				
VOA	24I1423-20	MW-18	Acetone	high		high			
VOA	24I1423-20	MW-18	Bromomethane		Low				
VOA	24I1423-20	MW-18	Dichlorodifluoromethane	high	Low				
VOA	24I1423-20	MW-18	Methylene chloride			high			
VOA	24I1423-20	MW-18	n-Propylbenzene	high					
VOA	24I1423-20	MW-18	Tetrachloroethylene	Low		Low			
VOA	24I1423-20	MW-18	Tetrahydrofuran		Low				
VOA	24I1423-21	MW-19	1,1,2,2-Tetrachloroethane			high			
VOA	24I1423-21	MW-19	2-Butanone		Low				
VOA	24I1423-21	MW-19	Acetone	high		high			
VOA	24I1423-21	MW-19	Bromomethane		Low				
VOA	24I1423-21	MW-19	Dichlorodifluoromethane	high	Low				
VOA	24I1423-21	MW-19	Methylene chloride			high			
VOA	24I1423-21	MW-19	n-Propylbenzene	high					
VOA	24I1423-21	MW-19	Tetrachloroethylene	Low		Low			
VOA	24I1423-21	MW-19	Tetrahydrofuran		Low				
VOA	24I1423-22	MW-20	1,1,2,2-Tetrachloroethane			high			
VOA	24I1423-22	MW-20	2-Butanone		Low				
VOA	24I1423-22	MW-20	Acetone	high		high			
VOA	24I1423-22	MW-20	Bromomethane		Low				
VOA	24I1423-22	MW-20	Dichlorodifluoromethane	high	Low				
VOA	24I1423-22	MW-20	Methylene chloride			high			
VOA	24I1423-22	MW-20	n-Propylbenzene	high					
VOA	24I1423-22	MW-20	Tetrachloroethylene	Low		Low			

Sample Analyte Bias Based on QC Performance

	LabNumber	SampleID	Analyte	ICVSCV	CCV	BS/LCS	MS	MSD	MSDRPD
VOA	24I1423-22	MW-20	Tetrahydrofuran		Low				
VOA	24I1423-23	RW-8	1,1,2,2-Tetrachloroethane			high			
VOA	24I1423-23	RW-8	2-Butanone		Low				
VOA	24I1423-23	RW-8	Acetone	high		high			
VOA	24I1423-23	RW-8	Bromomethane		Low				
VOA	24I1423-23	RW-8	Dichlorodifluoromethane	high	Low				
VOA	24I1423-23	RW-8	Methylene chloride			high			
VOA	24I1423-23	RW-8	n-Propylbenzene	high					
VOA	24I1423-23	RW-8	Tetrachloroethylene	Low		Low			
VOA	24I1423-23	RW-8	Tetrahydrofuran		Low				
VOA	24I1423-24	RW-9	1,1,2,2-Tetrachloroethane			high			
VOA	24I1423-24	RW-9	2-Butanone		Low				
VOA	24I1423-24	RW-9	Acetone	high		high			
VOA	24I1423-24	RW-9	Bromomethane		Low				
VOA	24I1423-24	RW-9	Dichlorodifluoromethane	high	Low				
VOA	24I1423-24	RW-9	Methylene chloride			high			
VOA	24I1423-24	RW-9	n-Propylbenzene	high					
VOA	24I1423-24	RW-9	Tetrachloroethylene	Low		Low			
VOA	24I1423-24	RW-9	Tetrahydrofuran		Low				

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Qualifier Summary Report:

SampleID	Method	LabNumber	Matrix	Analyte	Qualifier
MW-1	EPA 8260C	24I1423-01	Water	Tetrachloroethylene	QL-02
MW-1	EPA 8260C	24I1423-01	Water	Tetrachloroethylene	CCVE
MW-1	EPA 8260C	24I1423-01	Water	Tetrachloroethylene	ICVE
MW-1	EPA 8260C	24I1423-01	Water	Tetrahydrofuran	QL-02
MW-2	EPA 8260C	24I1423-02	Water	Tetrachloroethylene	CCVE
MW-2	EPA 8260C	24I1423-02	Water	Tetrachloroethylene	ICVE
MW-2	EPA 8260C	24I1423-02	Water	Tetrachloroethylene	QL-02
MW-2	EPA 8260C	24I1423-02	Water	Tetrahydrofuran	QL-02
MW-3	EPA 8260C	24I1423-03	Water	Tetrachloroethylene	QL-02
MW-3	EPA 8260C	24I1423-03	Water	Tetrachloroethylene	CCVE
MW-3	EPA 8260C	24I1423-03	Water	Tetrachloroethylene	ICVE
MW-3	EPA 8260C	24I1423-03	Water	Tetrahydrofuran	QL-02
MW-4	EPA 8260C	24I1423-04	Water	Tetrachloroethylene	QL-02
MW-4	EPA 8260C	24I1423-04	Water	Tetrachloroethylene	CCVE
MW-4	EPA 8260C	24I1423-04	Water	Tetrachloroethylene	ICVE
MW-4	EPA 8260C	24I1423-04	Water	Tetrahydrofuran	QL-02
MW-5	EPA 8260C	24I1423-05	Water	Tetrachloroethylene	CCVE
MW-5	EPA 8260C	24I1423-05	Water	Tetrachloroethylene	ICVE
MW-5	EPA 8260C	24I1423-05	Water	Tetrachloroethylene	QL-02
MW-5	EPA 8260C	24I1423-05	Water	Tetrahydrofuran	QL-02
MW-6	EPA 8260C	24I1423-06	Water	Tetrachloroethylene	CCVE
MW-6	EPA 8260C	24I1423-06	Water	Tetrachloroethylene	ICVE
MW-6	EPA 8260C	24I1423-06	Water	Tetrachloroethylene	QL-02
MW-6	EPA 8260C	24I1423-06	Water	Tetrahydrofuran	QL-02
MW-7	EPA 8260C	24I1423-07	Water	n-Propylbenzene	ICVE20
MW-7	EPA 8260C	24I1423-07	Water	Tetrachloroethylene	QL-02
MW-7	EPA 8260C	24I1423-07	Water	Tetrachloroethylene	CCVE
MW-7	EPA 8260C	24I1423-07	Water	Tetrachloroethylene	ICVE
MW-7	EPA 8260C	24I1423-07	Water	Tetrahydrofuran	QL-02
MW-7R	EPA 8260C	24I1423-08	Water	n-Propylbenzene	ICVE20
MW-7R	EPA 8260C	24I1423-08	Water	Tetrachloroethylene	QL-02
MW-7R	EPA 8260C	24I1423-08	Water	Tetrachloroethylene	ICVE
MW-7R	EPA 8260C	24I1423-08	Water	Tetrachloroethylene	CCVE
MW-7R	EPA 8260C	24I1423-08	Water	Tetrahydrofuran	QL-02
MW-7D	EPA 8260C	24I1423-09	Water	Tetrachloroethylene	ICVE
MW-7D	EPA 8260C	24I1423-09	Water	Tetrachloroethylene	CCVE
MW-7D	EPA 8260C	24I1423-09	Water	Tetrachloroethylene	QL-02
MW-7D	EPA 8260C	24I1423-09	Water	Tetrahydrofuran	QL-02
MW-8	EPA 8260C	24I1423-10	Water	Tetrachloroethylene	ICVE
MW-8	EPA 8260C	24I1423-10	Water	Tetrachloroethylene	QL-02
MW-8	EPA 8260C	24I1423-10	Water	Tetrachloroethylene	CCVE
MW-8	EPA 8260C	24I1423-10	Water	Tetrahydrofuran	QL-02
MW-9	EPA 8260C	24I1423-11	Water	Tetrachloroethylene	CCVE
MW-9	EPA 8260C	24I1423-11	Water	Tetrachloroethylene	ICVE

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Qualifier Summary Report:

SampleID	Method	LabNumber	Matrix	Analyte	Qualifier
MW-9	EPA 8260C	24I1423-11	Water	Tetrachloroethylene	QL-02
MW-9	EPA 8260C	24I1423-11	Water	Tetrahydrofuran	QL-02
MW-10	EPA 8260C	24I1423-12	Water	Tetrachloroethylene	ICVE
MW-10	EPA 8260C	24I1423-12	Water	Tetrachloroethylene	CCVE
MW-10	EPA 8260C	24I1423-12	Water	Tetrachloroethylene	QL-02
MW-10	EPA 8260C	24I1423-12	Water	Tetrahydrofuran	QL-02
MW-10R	EPA 8260C	24I1423-13	Water	Tetrachloroethylene	CCVE
MW-10R	EPA 8260C	24I1423-13	Water	Tetrachloroethylene	ICVE
MW-10R	EPA 8260C	24I1423-13	Water	Tetrachloroethylene	QL-02
MW-10R	EPA 8260C	24I1423-13	Water	Tetrahydrofuran	QL-02
MW-11	EPA 8260C	24I1423-14	Water	Tetrachloroethylene	CCVE
MW-11	EPA 8260C	24I1423-14	Water	Tetrachloroethylene	ICVE
MW-11	EPA 8260C	24I1423-14	Water	Tetrachloroethylene	QL-02
MW-11	EPA 8260C	24I1423-14	Water	Tetrahydrofuran	QL-02
MW-12	EPA 8260C	24I1423-15	Water	Tetrachloroethylene	QL-02
MW-12	EPA 8260C	24I1423-15	Water	Tetrachloroethylene	ICVE
MW-12	EPA 8260C	24I1423-15	Water	Tetrachloroethylene	CCVE
MW-12	EPA 8260C	24I1423-15	Water	Tetrahydrofuran	QL-02
MW-13	EPA 8260C	24I1423-16	Water	2-Butanone	CCVE
MW-13	EPA 8260C	24I1423-16	Water	Bromomethane	CCVE
MW-13	EPA 8260C	24I1423-16	Water	Dichlorodifluoromethane	CCVE
MW-13	EPA 8260C	24I1423-16	Water	n-Propylbenzene	ICVE20
MW-13	EPA 8260C	24I1423-16	Water	Tetrachloroethylene	ICVE
MW-13	EPA 8260C	24I1423-16	Water	Tetrachloroethylene	QL-02
MW-13	EPA 8260C	24I1423-16	Water	Tetrahydrofuran	CCVE
MW-15	EPA 8260C	24I1423-17	Water	2-Butanone	CCVE
MW-15	EPA 8260C	24I1423-17	Water	Bromomethane	CCVE
MW-15	EPA 8260C	24I1423-17	Water	Dichlorodifluoromethane	CCVE
MW-15	EPA 8260C	24I1423-17	Water	Tetrachloroethylene	ICVE
MW-15	EPA 8260C	24I1423-17	Water	Tetrachloroethylene	QL-02
MW-15	EPA 8260C	24I1423-17	Water	Tetrahydrofuran	CCVE
MW-16	EPA 8260C	24I1423-18	Water	2-Butanone	CCVE
MW-16	EPA 8260C	24I1423-18	Water	Bromomethane	CCVE
MW-16	EPA 8260C	24I1423-18	Water	Dichlorodifluoromethane	CCVE
MW-16	EPA 8260C	24I1423-18	Water	Tetrachloroethylene	ICVE
MW-16	EPA 8260C	24I1423-18	Water	Tetrachloroethylene	QL-02
MW-16	EPA 8260C	24I1423-18	Water	Tetrahydrofuran	CCVE
MW-17	EPA 8260C	24I1423-19	Water	2-Butanone	CCVE
MW-17	EPA 8260C	24I1423-19	Water	Bromomethane	CCVE
MW-17	EPA 8260C	24I1423-19	Water	Dichlorodifluoromethane	CCVE
MW-17	EPA 8260C	24I1423-19	Water	n-Propylbenzene	ICVE20
MW-17	EPA 8260C	24I1423-19	Water	Tetrachloroethylene	ICVE
MW-17	EPA 8260C	24I1423-19	Water	Tetrachloroethylene	QL-02
MW-17	EPA 8260C	24I1423-19	Water	Tetrahydrofuran	CCVE
MW-18	EPA 8260C	24I1423-20	Water	2-Butanone	CCVE

Qualifier Summary Report:

SampleID	Method	LabNumber	Matrix	Analyte	Qualifier
MW-18	EPA 8260C	24I1423-20	Water	Bromomethane	CCVE
MW-18	EPA 8260C	24I1423-20	Water	Dichlorodifluoromethane	CCVE
MW-18	EPA 8260C	24I1423-20	Water	Tetrachloroethylene	QL-02
MW-18	EPA 8260C	24I1423-20	Water	Tetrachloroethylene	ICVE
MW-18	EPA 8260C	24I1423-20	Water	Tetrahydrofuran	CCVE
MW-19	EPA 8260C	24I1423-21	Water	2-Butanone	CCVE
MW-19	EPA 8260C	24I1423-21	Water	Bromomethane	CCVE
MW-19	EPA 8260C	24I1423-21	Water	Dichlorodifluoromethane	CCVE
MW-19	EPA 8260C	24I1423-21	Water	Tetrachloroethylene	QL-02
MW-19	EPA 8260C	24I1423-21	Water	Tetrachloroethylene	ICVE
MW-19	EPA 8260C	24I1423-21	Water	Tetrahydrofuran	CCVE
MW-20	EPA 8260C	24I1423-22	Water	2-Butanone	CCVE
MW-20	EPA 8260C	24I1423-22	Water	Bromomethane	CCVE
MW-20	EPA 8260C	24I1423-22	Water	Dichlorodifluoromethane	CCVE
MW-20	EPA 8260C	24I1423-22	Water	Tetrachloroethylene	QL-02
MW-20	EPA 8260C	24I1423-22	Water	Tetrachloroethylene	ICVE
MW-20	EPA 8260C	24I1423-22	Water	Tetrahydrofuran	CCVE
RW-8	EPA 8260C	24I1423-23	Water	2-Butanone	CCVE
RW-8	EPA 8260C	24I1423-23	Water	Bromomethane	CCVE
RW-8	EPA 8260C	24I1423-23	Water	Dichlorodifluoromethane	CCVE
RW-8	EPA 8260C	24I1423-23	Water	Tetrachloroethylene	ICVE
RW-8	EPA 8260C	24I1423-23	Water	Tetrachloroethylene	QL-02
RW-8	EPA 8260C	24I1423-23	Water	Tetrahydrofuran	CCVE
RW-9	EPA 8260C	24I1423-24	Water	2-Butanone	CCVE
RW-9	EPA 8260C	24I1423-24	Water	Bromomethane	CCVE
RW-9	EPA 8260C	24I1423-24	Water	Dichlorodifluoromethane	CCVE
RW-9	EPA 8260C	24I1423-24	Water	Tetrachloroethylene	QL-02
RW-9	EPA 8260C	24I1423-24	Water	Tetrachloroethylene	ICVE
RW-9	EPA 8260C	24I1423-24	Water	Tetrahydrofuran	CCVE
	EPA 8260C	S4I2712-SCV1	Water	Acetone	ICVE20
	EPA 8260C	S4I2712-SCV1	Water	Acetone	ICVE
	EPA 8260C	S4I2712-SCV1	Water	Dichlorodifluoromethane	ICVE
	EPA 8260C	S4I2712-SCV1	Water	Dichlorodifluoromethane	ICVE20
	EPA 8260C	S4I2712-SCV1	Water	n-Propylbenzene	ICVE20
	EPA 8260C	S4I2712-SCV1	Water	n-Propylbenzene	ICVE
	EPA 8260C	S4I2712-SCV1	Water	Tetrachloroethylene	ICVE20
	EPA 8260C	S4I2712-SCV1	Water	Tetrachloroethylene	ICVE
MW-4	EPA 8270D	24I1423-04	Water	2-Methylnaphthalene	HT-PR
MW-4	EPA 8270D	24I1423-04	Water	SURR: 2-Fluorobiphenyl	HT-PR
MW-4	EPA 8270D	24I1423-04	Water	SURR: Nitrobenzene-d5	HT-PR
MW-4	EPA 8270D	24I1423-04	Water	SURR: Terphenyl-d14	HT-PR
MW-6	EPA 8270D	24I1423-06	Water	SURR: Terphenyl-d14	S-08
MW-7	EPA 8270D	24I1423-07	Water		EXT-EM
MW-9	EPA 8270D	24I1423-11	Water	SURR: 2-Fluorobiphenyl	S-08
MW-4	EPA 8270D SIM	24I1423-04	Water	Acenaphthene	HT-PR

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Qualifier Summary Report:

SampleID	Method	LabNumber	Matrix	Analyte	Qualifier
MW-4	EPA 8270D SIM	24I1423-04	Water	Acenaphthylene	HT-PR
MW-4	EPA 8270D SIM	24I1423-04	Water	Anthracene	HT-PR
MW-4	EPA 8270D SIM	24I1423-04	Water	Benzo(a)anthracene	HT-PR
MW-4	EPA 8270D SIM	24I1423-04	Water	Benzo(a)pyrene	HT-PR
MW-4	EPA 8270D SIM	24I1423-04	Water	Benzo(b)fluoranthene	HT-PR
MW-4	EPA 8270D SIM	24I1423-04	Water	Benzo(g,h,i)perylene	HT-PR
MW-4	EPA 8270D SIM	24I1423-04	Water	Benzo(k)fluoranthene	HT-PR
MW-4	EPA 8270D SIM	24I1423-04	Water	Chrysene	HT-PR
MW-4	EPA 8270D SIM	24I1423-04	Water	Dibenzo(a,h)anthracene	HT-PR
MW-4	EPA 8270D SIM	24I1423-04	Water	Fluoranthene	HT-PR
MW-4	EPA 8270D SIM	24I1423-04	Water	Fluorene	HT-PR
MW-4	EPA 8270D SIM	24I1423-04	Water	Indeno(1,2,3-cd)pyrene	HT-PR
MW-4	EPA 8270D SIM	24I1423-04	Water	Naphthalene	HT-PR
MW-4	EPA 8270D SIM	24I1423-04	Water	Phenanthrene	HT-PR
MW-4	EPA 8270D SIM	24I1423-04	Water	Pyrene	HT-PR
MW-7	EPA 8270D SIM	24I1423-07	Water		EXT-EM
MW-7R	EPA 8270D SIM	24I1423-08	Water	Naphthalene	B
MW-13	EPA 8270D SIM	24I1423-16	Water	Naphthalene	B
MW-17	EPA 8270D SIM	24I1423-19	Water	Naphthalene	B
	EPA 8270D SIM	BI41688-BS2	Water	Naphthalene	B
	EPA 8270D SIM	BI41915-BS2	Water	Naphthalene	B

Qualifier Definitions :

B	Analyte is found in the associated analysis batch blank. For volatiles, methylene chloride and acetone are common lab contaminants.
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.
HT-PR	Sample was prepared outside of the recommended holding time.
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

VOA, 8260 RCP LOW MASTER

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

Initial Calibration : SI40044

Samples and QC analyzed using this calibration / sequence.

Calibration	Batch	Sequence	SampleName	LabNumber	Instrument	File ID
SI40044	S4I2712	S4I2712	Secondary Cal Check	S4I2712-SCV1	VOA No. 10	V10C07449.D
SI40044	S4I3019	S4I3019	Calibration Check	S4I3019-CCV1	VOA No. 10	V10C07453.D
SI40044	BI41789	S4I3019	LCS	BI41789-BS1	VOA No. 10	V10C07454.D
SI40044	BI41789	S4I3019	Blank	BI41789-BLK1	VOA No. 10	V10C07457.D
SI40044	BI41789	S4I3019	MW-1	24I1423-01	VOA No. 10	V10C07458.D
SI40044	BI41789	S4I3019	MW-2	24I1423-02	VOA No. 10	V10C07459.D
SI40044	BI41789	S4I3019	MW-3	24I1423-03	VOA No. 10	V10C07460.D
SI40044	BI41789	S4I3019	MW-4	24I1423-04	VOA No. 10	V10C07461.D
SI40044	BI41789	S4I3019	MW-5	24I1423-05	VOA No. 10	V10C07462.D
SI40044	BI41789	S4I3019	MW-6	24I1423-06	VOA No. 10	V10C07463.D
SI40044	BI41789	S4I3019	MW-7	24I1423-07	VOA No. 10	V10C07464.D
SI40044	BI41789	S4I3019	MW-7R	24I1423-08	VOA No. 10	V10C07465.D
SI40044	BI41789	S4I3019	MW-7D	24I1423-09	VOA No. 10	V10C07466.D
SI40044	BI41789	S4I3019	MW-8	24I1423-10	VOA No. 10	V10C07467.D
SI40044	BI41789	S4I3019	MW-9	24I1423-11	VOA No. 10	V10C07468.D
SI40044	BI41789	S4I3019	MW-10	24I1423-12	VOA No. 10	V10C07469.D
SI40044	BI41789	S4I3019	MW-10R	24I1423-13	VOA No. 10	V10C07470.D
SI40044	BI41789	S4I3019	MW-11	24I1423-14	VOA No. 10	V10C07471.D
SI40044	BI41789	S4I3019	MW-12	24I1423-15	VOA No. 10	V10C07472.D
SI40044	S4I3022	S4I3022	Calibration Check	S4I3022-CCV1	VOA No. 10	V10C07477.D
SI40044	BI41844	S4I3022	LCS	BI41844-BS1	VOA No. 10	V10C07479.D
SI40044	BI41844	S4I3022	LCS Dup	BI41844-BSD1	VOA No. 10	V10C07480.D
SI40044	BI41844	S4I3022	Blank	BI41844-BLK1	VOA No. 10	V10C07482.D
SI40044	BI41844	S4I3022	MW-13	24I1423-16	VOA No. 10	V10C07489.D
SI40044	BI41844	S4I3022	MW-15	24I1423-17	VOA No. 10	V10C07490.D
SI40044	BI41844	S4I3022	MW-16	24I1423-18	VOA No. 10	V10C07491.D
SI40044	BI41844	S4I3022	MW-17	24I1423-19	VOA No. 10	V10C07492.D
SI40044	BI41844	S4I3022	MW-18	24I1423-20	VOA No. 10	V10C07493.D
SI40044	BI41844	S4I3022	MW-19	24I1423-21	VOA No. 10	V10C07494.D
SI40044	BI41844	S4I3022	MW-20	24I1423-22	VOA No. 10	V10C07495.D
SI40044	BI41844	S4I3022	RW-8	24I1423-23	VOA No. 10	V10C07496.D
SI40044	BI41844	S4I3022	RW-9	24I1423-24	VOA No. 10	V10C07497.D

4.0 Analysis Issues

Initial calibration for EPA 8260C exceeded method guidelines.

Calibration	Intrument	Calibration Date	File ID
SI40044	VOA No. 10	9/26/2024 8:00:55 AM	V10C07434.D

Analyte	RSD%	RSDLim	<MinRRF	RRFLim	CorrCoeff	CCOut	SIM	CAL curve
1,2-Dibromo-3-chloropropane		15	**0.0452**	0.05				QR0
Tetrahydrofuran		15	**0.0425**	0.05				QR0

The following QC and or client samples were affected:

SampleName	LabNumber	SourceSample	File ID
Secondary Cal Check	S4I2712-SCV1		V10C07449.D
Calibration Check	S4I3019-CCV1		V10C07453.D
LCS	BI41789-BS1		V10C07454.D
Blank	BI41789-BLK1		V10C07457.D
MW-1	24I1423-01		V10C07458.D
MW-2	24I1423-02		V10C07459.D
MW-3	24I1423-03		V10C07460.D
MW-4	24I1423-04		V10C07461.D
MW-5	24I1423-05		V10C07462.D
MW-6	24I1423-06		V10C07463.D
MW-7	24I1423-07		V10C07464.D
MW-7R	24I1423-08		V10C07465.D
MW-7D	24I1423-09		V10C07466.D
MW-8	24I1423-10		V10C07467.D
MW-9	24I1423-11		V10C07468.D
MW-10	24I1423-12		V10C07469.D
MW-10R	24I1423-13		V10C07470.D
MW-11	24I1423-14		V10C07471.D
MW-12	24I1423-15		V10C07472.D
Calibration Check	S4I3022-CCV1		V10C07477.D
LCS	BI41844-BS1		V10C07479.D
LCS Dup	BI41844-BSD1		V10C07480.D
Blank	BI41844-BLK1		V10C07482.D
MW-13	24I1423-16		V10C07489.D
MW-15	24I1423-17		V10C07490.D
MW-16	24I1423-18		V10C07491.D
MW-17	24I1423-19		V10C07492.D
MW-18	24I1423-20		V10C07493.D
MW-19	24I1423-21		V10C07494.D
MW-20	24I1423-22		V10C07495.D
RW-8	24I1423-23		V10C07496.D
RW-9	24I1423-24		V10C07497.D

York Analytical Work Order Narrative

EPA 8260C

Initial Calibration Verification-

The initial calibration verification for analytical method EPA 8260C

All target analytes recovered within method limits with the following exceptions:

Calibration ID	Lab Number	Analyte	True Value	Result	Recovery%	Limits
SI40044	S4I2712-SCV1	Acetone	10.0	20.0	**200**	80 - 120
SI40044	S4I2712-SCV1	Dichlorodifluoromethane	10.0	12.3	**123**	80 - 120
SI40044	S4I2712-SCV1	n-Propylbenzene	10.0	12.1	**121**	80 - 120
SI40044	S4I2712-SCV1	Tetrachloroethylene	10.0	5.54	**55.4**	80 - 120

The following QC and or client samples were affected:

LabNumber	SampleName	File ID
S4I3019-CCV1	Calibration Check	V10C07453.D
BI41789-BS1	LCS	V10C07454.D
BI41789-BLK1	Blank	V10C07457.D
24I1423-01	MW-1	V10C07458.D
24I1423-02	MW-2	V10C07459.D
24I1423-03	MW-3	V10C07460.D
24I1423-04	MW-4	V10C07461.D
24I1423-05	MW-5	V10C07462.D
24I1423-06	MW-6	V10C07463.D
24I1423-07	MW-7	V10C07464.D
24I1423-08	MW-7R	V10C07465.D
24I1423-09	MW-7D	V10C07466.D
24I1423-10	MW-8	V10C07467.D
24I1423-11	MW-9	V10C07468.D
24I1423-12	MW-10	V10C07469.D
24I1423-13	MW-10R	V10C07470.D
24I1423-14	MW-11	V10C07471.D
24I1423-15	MW-12	V10C07472.D
S4I3022-CCV1	Calibration Check	V10C07477.D
BI41844-BS1	LCS	V10C07479.D
BI41844-BSD1	LCS Dup	V10C07480.D
BI41844-BLK1	Blank	V10C07482.D
24I1423-16	MW-13	V10C07489.D
24I1423-17	MW-15	V10C07490.D
24I1423-18	MW-16	V10C07491.D
24I1423-19	MW-17	V10C07492.D
24I1423-20	MW-18	V10C07493.D
24I1423-21	MW-19	V10C07494.D
24I1423-22	MW-20	V10C07495.D
24I1423-23	RW-8	V10C07496.D
24I1423-24	RW-9	V10C07497.D

Continuing Calibration Verification-

Calibration	Sequence	LabNumber	File ID	Date / Time
SI40044	S4I3019	S4I3019-CCV1	V10C07453.D	09/27/24 11:33
SI40044	S4I3022	S4I3022-CCV1	V10C07477.D	09/28/24 10:55

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

Calibration	LabNumber	Analyte	Units	Result	TrueVal	REC%	Limits	File ID

	S4I3019-CCV1		ug/L	5.43	10.0	**54.3**	70	130	
SI40044	S4I3022-CCV1	2-Butanone	ug/L	4.29	10.0	**42.9**	70	130	V10C07477.D
SI40044	S4I3022-CCV1	Bromomethane	ug/L	5.66	10.0	**56.6**	70	130	V10C07477.D
SI40044	S4I3022-CCV1	Dichlorodifluoromethane	ug/L	4.20	10.0	**42**	70	130	V10C07477.D
SI40044	S4I3022-CCV1	Tetrahydrofuran	ug/L	4.55	10.0	**45.5**	70	130	V10C07477.D

The following QC and or client samples were affected:

Calibration	Sequence	LabNumber	SampleName	Source Sample	File ID
SI40044	S4I3019	BI41789-BS1	LCS		V10C07454.D
SI40044	S4I3019	BI41789-BLK1	Blank		V10C07457.D
SI40044	S4I3019	24I1423-01	MW-1		V10C07458.D
SI40044	S4I3019	24I1423-02	MW-2		V10C07459.D
SI40044	S4I3019	24I1423-03	MW-3		V10C07460.D
SI40044	S4I3019	24I1423-04	MW-4		V10C07461.D
SI40044	S4I3019	24I1423-05	MW-5		V10C07462.D
SI40044	S4I3019	24I1423-06	MW-6		V10C07463.D
SI40044	S4I3019	24I1423-07	MW-7		V10C07464.D
SI40044	S4I3019	24I1423-08	MW-7R		V10C07465.D
SI40044	S4I3019	24I1423-09	MW-7D		V10C07466.D
SI40044	S4I3019	24I1423-10	MW-8		V10C07467.D
SI40044	S4I3019	24I1423-11	MW-9		V10C07468.D
SI40044	S4I3019	24I1423-12	MW-10		V10C07469.D
SI40044	S4I3019	24I1423-13	MW-10R		V10C07470.D
SI40044	S4I3019	24I1423-14	MW-11		V10C07471.D
SI40044	S4I3019	24I1423-15	MW-12		V10C07472.D
SI40044	S4I3022	BI41844-BS1	LCS		V10C07479.D
SI40044	S4I3022	BI41844-BSD1	LCS Dup		V10C07480.D
SI40044	S4I3022	BI41844-BLK1	Blank		V10C07482.D
SI40044	S4I3022	24I1423-16	MW-13		V10C07489.D
SI40044	S4I3022	24I1423-17	MW-15		V10C07490.D
SI40044	S4I3022	24I1423-18	MW-16		V10C07491.D
SI40044	S4I3022	24I1423-19	MW-17		V10C07492.D
SI40044	S4I3022	24I1423-20	MW-18		V10C07493.D
SI40044	S4I3022	24I1423-21	MW-19		V10C07494.D
SI40044	S4I3022	24I1423-22	MW-20		V10C07495.D
SI40044	S4I3022	24I1423-23	RW-8		V10C07496.D
SI40044	S4I3022	24I1423-24	RW-9		V10C07497.D

York Analytical Work Order Narrative

EPA 8260C

Batch QC

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

	Batch	Sequence	Instrument	Blank	FileID
VOA	BI41789	S4I3019	VOA No. 10	BI41789-BLK1	V10C07457.D
VOA	BI41844	S4I3022	VOA No. 10	BI41844-BLK1	V10C07482.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
SI40044	4I3019	BI41789-BS1	LCS	V10C07454.D
SI40044	4I3022	BI41844-BS1	LCS	V10C07479.D
SI40044	4I3022	BI41844-BSD1	LCS Dup	V10C07480.D

Sequence	SampleName	LabNumber	Analyte	DupRec%	Rec%	RPD%	REC Limits	RPD Limit
S4I3019	LCS	BI41789-BS1	Acetone		**223**		70 - 130	
S4I3019	LCS	BI41789-BS1	Tetrachloroethylene		**55.6**		70 - 130	
S4I3019	LCS	BI41789-BS1	Tetrahydrofuran		**47.7**		70 - 130	
S4I3022	LCS	BI41844-BS1	1,1,2,2-Tetrachloroethane		**131**		70 - 130	
S4I3022	LCS	BI41844-BS1	Acetone		**210**		70 - 130	
S4I3022	LCS	BI41844-BS1	Methylene chloride		**133**		70 - 130	
S4I3022	LCS	BI41844-BS1	Tetrachloroethylene		**55.7**		70 - 130	
S4I3022	LCS Dup	BI41844-BSD1	Acetone	210	**218**	3.74	70 - 130	30
S4I3022	LCS Dup	BI41844-BSD1	Tetrachloroethylene	55.7	**57.2**	2.66	70 - 130	30

The following samples were affected:

Batch	LabNumber	SampleName	SourceSample
BI41789	24I1423-01	MW-1	
BI41789	24I1423-02	MW-2	
BI41789	24I1423-03	MW-3	
BI41789	24I1423-04	MW-4	
BI41789	24I1423-05	MW-5	
BI41789	24I1423-06	MW-6	
BI41789	24I1423-07	MW-7	
BI41789	24I1423-08	MW-7R	
BI41789	24I1423-09	MW-7D	
BI41789	24I1423-10	MW-8	
BI41789	24I1423-11	MW-9	
BI41789	24I1423-12	MW-10	
BI41789	24I1423-13	MW-10R	
BI41789	24I1423-14	MW-11	
BI41789	24I1423-15	MW-12	
BI41844	24I1423-16	MW-13	
BI41844	24I1423-17	MW-15	
BI41844	24I1423-18	MW-16	
BI41844	24I1423-19	MW-17	
BI41844	24I1423-20	MW-18	

BI41844	24I1423-21	MW-19
BI41844	24I1423-22	MW-20
BI41844	24I1423-23	RW-8
BI41844	24I1423-24	RW-9
BI41789	BI41789-BLK1	Blank
BI41844	BI41844-BLK1	Blank

EPA 8260C

Dilutions: No sample dilutions were required.

EPA 8260C

Internal Standards / Surrogates

Internal Standards Issues: No issues were encountered.

Surrogate Issues: No issues were encountered.

4.0 Analysis Issues

EPA 8270D

SVOA, 8270 LOW RCP MASTER

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

Initial Calibration : SF40034

Samples and QC analyzed using this calibration / sequence.

Calibration	Batch	Sequence	SampleName	LabNumber	Instrument	File ID
SF40034	S4F2609	S4F2609	Secondary Cal Check	S4F2609-SCV1	BNA #3	SV303402.D
SF40034	S4I3004	S4I3004	Calibration Check	S4I3004-CCV1	BNA #3	SV304478.D
SF40034	BI41688	S4I3004	Blank	BI41688-BLK1	BNA #3	SV304479.D
SF40034	BI41688	S4I3004	LCS	BI41688-BS1	BNA #3	SV304480.D
SF40034	BI41688	S4I3004	LCS Dup	BI41688-BSD1	BNA #3	SV304481.D
SF40034	BI41688	S4I3004	MW-5	24I1423-05	BNA #3	SV304483.D
SF40034	BI41688	S4I3004	MW-6	24I1423-06	BNA #3	SV304484.D
SF40034	BI41688	S4I3004	MW-7	24I1423-07	BNA #3	SV304485.D
SF40034	BI41688	S4I3004	MW-7R	24I1423-08	BNA #3	SV304486.D
SF40034	BI41688	S4I3004	MW-7D	24I1423-09	BNA #3	SV304487.D
SF40034	BI41688	S4I3004	MW-8	24I1423-10	BNA #3	SV304488.D
SF40034	BI41688	S4I3004	MW-9	24I1423-11	BNA #3	SV304489.D
SF40034	BI41688	S4I3004	MW-10	24I1423-12	BNA #3	SV304490.D
SF40034	BI41688	S4I3004	MW-3	24I1423-03	BNA #3	SV304491.D
SF40034	S4I3038	S4I3038	Calibration Check	S4I3038-CCV1	BNA #3	SV304493.D
SF40034	BI41768	S4I3038	LCS	BI41768-BS1	BNA #3	SV304500.D
SF40034	BI41768	S4I3038	LCS Dup	BI41768-BSD1	BNA #3	SV304501.D
SF40034	S4J0135	S4J0135	Calibration Check	S4J0135-CCV1	BNA #3	SV304506.D
SF40034	BI41915	S4J0135	Blank	BI41915-BLK1	BNA #3	SV304507.D
SF40034	BI41915	S4J0135	LCS	BI41915-BS1	BNA #3	SV304508.D
SF40034	BI41915	S4J0135	LCS Dup	BI41915-BSD1	BNA #3	SV304509.D
SF40034	BI41915	S4J0135	MW-4	24I1423-04	BNA #3	SV304512.D

4.0 Analysis Issues

Initial calibration for EPA 8270D exceeded method guidelines.

Calibration	Intrument	Calibration Date	File ID
SF40034	BNA #3	6/25/2024 10:15:51 AM	SV303393.D

Analyte	RSD%	RSDLim	<MinRRF	RRFLim	CorrCoeff	CCOut	SIM	CAL curve
2,4-Dinitrophenol	**32.04**	15						Avg
2,4-Dinitrotoluene	**21.72**	15						Avg
2,6-Dinitrotoluene	**17.22**	15						Avg
3,3-Dichlorobenzidine	**15.23**	15						Avg
3-Nitroaniline	**16.56**	15						Avg
4,6-Dinitro-2-methylphenol	**36.53**	15						Avg
4-Nitroaniline	**18.10**	15						Avg
Di-n-octyl phthalate	**19.30**	15						Avg
Pentachloronitrobenzene	**15.01**	15						Avg
Pyridine	**19.87**	15						Avg

The following QC and or client samples were affected:

SampleName	LabNumber	SourceSample	File ID
Calibration Check	S4I3004-CCV1		SV304478.D

EPA 8270D

Initial Calibration Verification-

The initial calibration verification for analytical method EPA 8270D

All target analytes recovered within method limits

Continuing Calibration Verification-

Calibration	Sequence	LabNumber	File ID	Date / Time
SF40034	S4I3004	S4I3004-CCV1	SV304478.D	09/27/24 09:22
SF40034	S4I3038	S4I3038-CCV1	SV304493.D	09/30/24 09:16
SF40034	S4J0135	S4J0135-CCV1	SV304506.D	10/01/24 09:20

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

Calibration	LabNumber	Analyte	Units	Result	TrueVal	REC%	Limits		File ID
SF40034	S4I3004-CCV1	2,4-Dinitrophenol	ug/mL	40.1	30.0	**134**	70	130	SV304478.D
SF40034	S4I3004-CCV1	2-Methylphenol	ug/mL	16.8	30.0	**55.9**	70	130	SV304478.D
SF40034	S4I3004-CCV1	3- & 4-Methylphenols	ug/mL	18.2	30.0	**60.7**	70	130	SV304478.D
SF40034	S4I3004-CCV1	4,6-Dinitro-2-methylphenol	ug/mL	57.0	30.0	**190**	70	130	SV304478.D
SF40034	S4I3004-CCV1	4-Nitrophenol	ug/mL	1.59	30.0	**5.3**	70	130	SV304478.D
SF40034	S4I3004-CCV1	Aniline	ug/mL	52.0	30.0	**173**	70	130	SV304478.D
SF40034	S4I3004-CCV1	Bis(2-chloroethyl)ether	ug/mL	74.9	30.0	**250**	70	130	SV304478.D
SF40034	S4I3004-CCV1	Di-n-octyl phthalate	ug/mL	23.9	30.0	**79.8**	80	120	SV304478.D

The following QC and or client samples were affected:

York Analytical Work Order Narrative

EPA 8270D

Batch QC

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

	Batch	Sequence	Instrument	Blank	FileID
SVOA	BI41688	S4I3004	BNA #3	BI41688-BLK1	SV304479.D
SVOA	BI41915	S4J0135	BNA #3	BI41915-BLK1	SV304507.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
SF40034	4I3004	BI41688-BS1	LCS	SV304480.D
SF40034	4I3004	BI41688-BSD1	LCS Dup	SV304481.D
SF40034	4I3038	BI41768-BS1	LCS	SV304500.D
SF40034	4I3038	BI41768-BSD1	LCS Dup	SV304501.D
SF40034	4J0135	BI41915-BS1	LCS	SV304508.D
SF40034	4J0135	BI41915-BSD1	LCS Dup	SV304509.D

Sequence	SampleName	LabNumber	Analyte	DupRec%	Rec%	RPD%	REC Limits	RPD Limit
S4I3004	LCS Dup	BI41688-BSD1	2-Methylnaphthalene	72.1	**50.4**	35.3	40 - 140	20
S4J0135	LCS Dup	BI41915-BSD1	2-Methylnaphthalene	62.8	**112**	56.1	40 - 140	20

The following samples were affected:

Batch	LabNumber	SampleName	SourceSample
BI41688	24I1423-03	MW-3	
BI41688	24I1423-05	MW-5	
BI41688	24I1423-06	MW-6	
BI41688	24I1423-07	MW-7	
BI41688	24I1423-08	MW-7R	
BI41688	24I1423-09	MW-7D	
BI41688	24I1423-10	MW-8	
BI41688	24I1423-11	MW-9	
BI41688	24I1423-12	MW-10	
BI41688	BI41688-BLK1	Blank	

EPA 8270D

Dilutions: No sample dilutions were required.

York Analytical Work Order Narrative

EPA 8270D

Internal Standards / Surrogates

Internal Standards Issues: No issues were encountered.

Surrogate Issues:

Calibration	SampleName	LabNumber	Analyte	Rec %	Limits
SF40034	MW-6	24I1423-06	SURR: Terphenyl-d14	**27.3**	30 - 130
SF40034	MW-9	24I1423-11	SURR: 2-Fluorobiphenyl	**25.8**	30 - 130
SF40034	LCS Dup	BI41915-BSD1	SURR: Nitrobenzene-d5	**141**	30 - 130

4.0 Analysis Issues

EPA 8270D

SVOA, 8270 LOW RCP MASTER

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

Initial Calibration : SI40031

Samples and QC analyzed using this calibration / sequence.

Calibration	Batch	Sequence	SampleName	LabNumber	Instrument	File ID
SI40031	S4I2329	S4I2329	Secondary Cal Check	S4I2329-SCV1	BNA #1	BNA1-029370.D
SI40031	S4I3002	S4I3002	Calibration Check	S4I3002-CCV1	BNA #1	BNA1-029460.D
SI40031	BI41688	S4I3002	MW-10R	24I1423-13	BNA #1	BNA1-029466.D
SI40031	BI41688	S4I3002	MW-11	24I1423-14	BNA #1	BNA1-029467.D
SI40031	BI41688	S4I3002	MW-12	24I1423-15	BNA #1	BNA1-029468.D
SI40031	BI41688	S4I3002	MW-13	24I1423-16	BNA #1	BNA1-029469.D
SI40031	BI41688	S4I3002	MW-15	24I1423-17	BNA #1	BNA1-029470.D
SI40031	BI41688	S4I3002	MW-16	24I1423-18	BNA #1	BNA1-029471.D
SI40031	BI41688	S4I3002	MW-17	24I1423-19	BNA #1	BNA1-029472.D
SI40031	BI41688	S4I3002	MW-18	24I1423-20	BNA #1	BNA1-029473.D
SI40031	BI41688	S4I3002	MW-19	24I1423-21	BNA #1	BNA1-029474.D
SI40031	BI41688	S4I3002	MW-20	24I1423-22	BNA #1	BNA1-029475.D
SI40031	S4I3018	S4I3018	Calibration Check	S4I3018-CCV1	BNA #1	BNA1-029479.D
SI40031	BI41768	S4I3018	Blank	BI41768-BLK1	BNA #1	BNA1-029480.D
SI40031	BI41768	S4I3018	MW-1	24I1423-01	BNA #1	BNA1-029487.D
SI40031	BI41768	S4I3018	MW-2	24I1423-02	BNA #1	BNA1-029488.D
SI40031	BI41768	S4I3018	RW-8	24I1423-23	BNA #1	BNA1-029489.D
SI40031	BI41768	S4I3018	RW-9	24I1423-24	BNA #1	BNA1-029490.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 analytes recovered within method limits

Continuing Calibration Verification-

Calibration	Sequence	LabNumber	File ID	Date / Time
SI40031	S4I3002	S4I3002-CCV1	BNA1-029460.D	09/27/24 09:07
SI40031	S4I3018	S4I3018-CCV1	BNA1-029479.D	09/28/24 12:50

The continuing calibration verification recovered within method limits.

York Analytical Work Order Narrative

EPA 8270D

Batch QC

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

	Batch	Sequence	Instrument	Blank	FileID
SVOA	BI41768	S4I3018	BNA #1	BI41768-BLK1	BNA1-029480.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.

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 SIM Analysis

SVOA, 8270 SIM RCP MASTER

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

Initial Calibration : SI40048

Samples and QC analyzed using this calibration / sequence.

Calibration	Batch	Sequence	SampleName	LabNumber	Instrument	File ID
SI40048	S4I3020	S4I3020	Secondary Cal Check	S4I3020-SCV1	BNA #4	SV4418138.D
SI40048	S4J0109	S4J0109	Calibration Check	S4J0109-CCV1	BNA #4	SV4418151.D
SI40048	BI41688	S4J0109	Blank	BI41688-BLK2	BNA #4	SV4418153.D
SI40048	BI41688	S4J0109	LCS	BI41688-BS2	BNA #4	SV4418154.D
SI40048	BI41688	S4J0109	MW-3	24I1423-03	BNA #4	SV4418155.D
SI40048	BI41688	S4J0109	MW-7	24I1423-07	BNA #4	SV4418156.D
SI40048	BI41688	S4J0109	MW-5	24I1423-05	BNA #4	SV4418157.D
SI40048	BI41688	S4J0109	MW-6	24I1423-06	BNA #4	SV4418158.D
SI40048	BI41688	S4J0109	MW-7R	24I1423-08	BNA #4	SV4418160.D
SI40048	BI41688	S4J0109	MW-7D	24I1423-09	BNA #4	SV4418161.D
SI40048	BI41688	S4J0109	MW-8	24I1423-10	BNA #4	SV4418162.D
SI40048	BI41688	S4J0109	MW-9	24I1423-11	BNA #4	SV4418163.D
SI40048	BI41688	S4J0109	MW-10	24I1423-12	BNA #4	SV4418164.D
SI40048	BI41688	S4J0109	MW-10R	24I1423-13	BNA #4	SV4418165.D
SI40048	BI41688	S4J0109	MW-11	24I1423-14	BNA #4	SV4418166.D
SI40048	BI41688	S4J0109	MW-12	24I1423-15	BNA #4	SV4418167.D
SI40048	BI41688	S4J0109	MW-13	24I1423-16	BNA #4	SV4418168.D
SI40048	BI41688	S4J0109	MW-15	24I1423-17	BNA #4	SV4418169.D
SI40048	BI41688	S4J0109	MW-16	24I1423-18	BNA #4	SV4418170.D

Initial calibration for EPA 8270D SIM met method guidelines.

EPA 8270D SIM

Initial Calibration Verification-

The initial calibration verification for analytical method EPA 8270D SIM

All target analytes recovered within method limits

Continuing Calibration Verification-

Calibration	Sequence	LabNumber	File ID	Date / Time
SI40048	S4J0109	S4J0109-CCV1	SV4418151.D	09/30/24 09:08

The continuing calibration verification recovered within method limits.

York Analytical Work Order Narrative

EPA 8270D SIM SIM Analysis

Batch QC

Method Blank-

	Batch	Sequence	Instrument	Blank	FileID
SVOA	BI41688	S4J0109	BNA #4	BI41688-BLK2	SV4418153.D

Sequence	SampleName	LabNumber	Matrix	Analyte	Result	MRL	RptUnits
S4J0109	Blank	BI41688-BLK2	Water	Naphthalene	0.0500	0.0500	ug/L

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

Batch	LabNumber	SampleName	File ID
BI41688	24I1423-03	MW-3	SV4418155.D
BI41688	24I1423-05	MW-5	SV4418157.D
BI41688	24I1423-06	MW-6	SV4418158.D
BI41688	24I1423-07	MW-7	SV4418156.D
BI41688	24I1423-08	MW-7R	SV4418160.D
BI41688	24I1423-09	MW-7D	SV4418161.D
BI41688	24I1423-10	MW-8	SV4418162.D
BI41688	24I1423-11	MW-9	SV4418163.D
BI41688	24I1423-12	MW-10	SV4418164.D
BI41688	24I1423-13	MW-10R	SV4418165.D
BI41688	24I1423-14	MW-11	SV4418166.D
BI41688	24I1423-15	MW-12	SV4418167.D
BI41688	24I1423-16	MW-13	SV4418168.D
BI41688	24I1423-17	MW-15	SV4418169.D
BI41688	24I1423-18	MW-16	SV4418170.D
BI41688	BI41688-BS2	LCS	SV4418154.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
SI40048	4J0109	BI41688-BS2	LCS	SV4418154.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 SIM Analysis

SVOA, 8270 SIM RCP MASTER

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

Initial Calibration : SJ40002

Samples and QC analyzed using this calibration / sequence.

Calibration	Batch	Sequence	SampleName	LabNumber	Instrument	File ID
SJ40002	S4I3027	S4I3027	Secondary Cal Check	S4I3027-SCV1	BNA #5	SV500087.D
SJ40002	S4J0140	S4J0140	Calibration Check	S4J0140-CCV1	BNA #5	SV500094.D
SJ40002	BI41768	S4J0140	Blank	BI41768-BLK2	BNA #5	SV500095.D
SJ40002	BI41768	S4J0140	LCS	BI41768-BS2	BNA #5	SV500096.D
SJ40002	BI41768	S4J0140	MW-1	24I1423-01	BNA #5	SV500097.D
SJ40002	BI41768	S4J0140	MW-2	24I1423-02	BNA #5	SV500098.D
SJ40002	BI41688	S4J0140	MW-18	24I1423-20	BNA #5	SV500099.D
SJ40002	BI41688	S4J0140	MW-19	24I1423-21	BNA #5	SV500100.D
SJ40002	BI41688	S4J0140	MW-20	24I1423-22	BNA #5	SV500101.D
SJ40002	BI41768	S4J0140	RW-8	24I1423-23	BNA #5	SV500102.D
SJ40002	BI41688	S4J0140	MW-17	24I1423-19	BNA #5	SV500103.D
SJ40002	BI41768	S4J0140	RW-9	24I1423-24	BNA #5	SV500104.D
SJ40002	S4J0227	S4J0227	Calibration Check	S4J0227-CCV1	BNA #5	SV500128.D
SJ40002	BI41915	S4J0227	Blank	BI41915-BLK2	BNA #5	SV500130.D
SJ40002	BI41915	S4J0227	LCS	BI41915-BS2	BNA #5	SV500131.D
SJ40002	BI41915	S4J0227	MW-4	24I1423-04	BNA #5	SV500133.D

Initial calibration for EPA 8270D SIM met method guidelines.

York Analytical Work Order Narrative

EPA 8270D SIM

Initial Calibration Verification-

The initial calibration verification for analytical method EPA 8270D SIM

All target analytes recovered within method limits with the following exceptions:

Calibration ID	Lab Number	Analyte	True Value	Result	Recovery%	Limits
SJ40002	S4I3027-SCV1	Acenaphthene	1.00	1.26	**126**	80 - 120
SJ40002	S4I3027-SCV1	Acenaphthylene	1.00	1.39	**139**	80 - 120
SJ40002	S4I3027-SCV1	Anthracene	1.00	1.29	**129**	80 - 120
SJ40002	S4I3027-SCV1	Benzo(a)anthracene	1.00	1.23	**123**	80 - 120
SJ40002	S4I3027-SCV1	Benzo(a)pyrene	1.00	1.30	**130**	80 - 120
SJ40002	S4I3027-SCV1	Benzo(b)fluoranthene	1.00	1.32	**132**	80 - 120
SJ40002	S4I3027-SCV1	Benzo(g,h,i)perylene	1.00	1.32	**132**	80 - 120
SJ40002	S4I3027-SCV1	Benzo(k)fluoranthene	1.00	1.41	**141**	80 - 120
SJ40002	S4I3027-SCV1	Chrysene	1.00	1.24	**124**	80 - 120
SJ40002	S4I3027-SCV1	Dibenzo(a,h)anthracene	1.00	1.22	**122**	80 - 120
SJ40002	S4I3027-SCV1	Fluoranthene	1.00	1.26	**126**	80 - 120
SJ40002	S4I3027-SCV1	Fluorene	1.00	1.27	**127**	80 - 120
SJ40002	S4I3027-SCV1	Indeno(1,2,3-cd)pyrene	1.00	1.30	**130**	80 - 120
SJ40002	S4I3027-SCV1	Naphthalene	1.00	1.24	**124**	80 - 120
SJ40002	S4I3027-SCV1	Phenanthrene	1.00	1.24	**124**	80 - 120

The following QC and or client samples were affected:

LabNumber	SampleName	File ID
S4J0140-CCV1	Calibration Check	SV500094.D
BI41768-BS2	LCS	SV500096.D
24I1423-23	RW-8	SV500102.D
24I1423-19	MW-17	SV500103.D
24I1423-24	RW-9	SV500104.D
S4J0227-CCV1	Calibration Check	SV500128.D
BI41915-BS2	LCS	SV500131.D

Continuing Calibration Verification-

Calibration	Sequence	LabNumber	File ID	Date / Time
SJ40002	S4J0140	S4J0140-CCV1	SV500094.D	10/01/24 10:26
SJ40002	S4J0227	S4J0227-CCV1	SV500128.D	10/02/24 09:25

The continuing calibration verification recovered within method limits.

York Analytical Work Order Narrative

EPA 8270D SIM SIM Analysis

Batch QC

Method Blank-

	Batch	Sequence	Instrument	Blank	FileID
SVOA	BI41768	S4J0140	BNA #5	BI41768-BLK2	SV500095.D
SVOA	BI41915	S4J0227	BNA #5	BI41915-BLK2	SV500130.D

Sequence	SampleName	LabNumber	Matrix	Analyte	Result	MRL	RptUnits
S4J0227	Blank	BI41915-BLK2	Water	Naphthalene	0.0500	0.0500	ug/L

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

Batch	LabNumber	SampleName	File ID
BI41915	24I1423-04	MW-4	SV500133.D
BI41688	24I1423-19	MW-17	SV500103.D
BI41688	24I1423-20	MW-18	SV500099.D
BI41688	24I1423-21	MW-19	SV500100.D
BI41688	24I1423-22	MW-20	SV500101.D
BI41915	BI41915-BS2	LCS	SV500131.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
SJ40002	4J0140	BI41768-BS2	LCS	SV500096.D
SJ40002	4J0227	BI41915-BS2	LCS	SV500131.D

Sequence	SampleName	LabNumber	Analyte	DupRec%	Rec%	RPD%	REC Limits	RPD Limit
S4J0227	LCS	BI41915-BS2	Acenaphthylene		**154**		40 - 140	
S4J0227	LCS	BI41915-BS2	Benzo(a)anthracene		**142**		40 - 140	
S4J0227	LCS	BI41915-BS2	Benzo(g,h,i)perylene		**264**		40 - 140	
S4J0227	LCS	BI41915-BS2	Dibenzo(a,h)anthracene		**269**		40 - 140	
S4J0227	LCS	BI41915-BS2	Fluoranthene		**142**		40 - 140	
S4J0227	LCS	BI41915-BS2	Fluorene		**144**		40 - 140	
S4J0227	LCS	BI41915-BS2	Indeno(1,2,3-cd)pyrene		**271**		40 - 140	

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

CT DEP ETPH

Extractable Total Petroleum Hydrocarbons (ETPH)

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

Initial Calibration : SA40030

Samples and QC analyzed using this calibration / sequence.

Calibration	Batch	Sequence	SampleName	LabNumber	Instrument	File ID
SA40030	S4A1907	S4A1907	Secondary Cal Check	S4A1907-SCV1	HP FID 3	G8009735.D
SA40030	S4I2633	S4I2633	Calibration Check	S4I2633-CCV1	HP FID 3	G8012774.D
SA40030	BI41666	S4I2633	Blank	BI41666-BLK1	HP FID 3	G8012775.D
SA40030	BI41666	S4I2633	LCS Dup	BI41666-BSD1	HP FID 3	G8012777.D
SA40030	BI41666	S4I2633	LCS	BI41666-BS1	HP FID 3	G8012779.D
SA40030	S4I2633	S4I2633	Calibration Check	S4I2633-CCV2	HP FID 3	G8012780.D
SA40030	BI41666	S4I2633	MW-4	24I1423-04	HP FID 3	G8012781.D
SA40030	BI41666	S4I2633	MW-5	24I1423-05	HP FID 3	G8012782.D
SA40030	BI41666	S4I2633	MW-6	24I1423-06	HP FID 3	G8012783.D
SA40030	BI41666	S4I2633	MW-7	24I1423-07	HP FID 3	G8012784.D
SA40030	BI41666	S4I2633	MW-7R	24I1423-08	HP FID 3	G8012785.D
SA40030	BI41666	S4I2633	MW-7D	24I1423-09	HP FID 3	G8012786.D
SA40030	BI41666	S4I2633	MW-8	24I1423-10	HP FID 3	G8012787.D
SA40030	BI41666	S4I2633	MW-9	24I1423-11	HP FID 3	G8012788.D
SA40030	BI41666	S4I2633	MW-10	24I1423-12	HP FID 3	G8012789.D
SA40030	BI41666	S4I2633	MW-10R	24I1423-13	HP FID 3	G8012790.D
SA40030	S4I2633	S4I2633	Calibration Check	S4I2633-CCV3	HP FID 3	G8012791.D
SA40030	BI41666	S4I2633	MW-11	24I1423-14	HP FID 3	G8012792.D
SA40030	S4I2633	S4I2633	Calibration Check	S4I2633-CCV4	HP FID 3	G8012793.D
SA40030	S4I2801	S4I2801	Calibration Check	S4I2801-CCV1	HP FID 3	G8012795.D
SA40030	BI41666	S4I2801	MW-12	24I1423-15	HP FID 3	G8012796.D
SA40030	BI41666	S4I2801	MW-13	24I1423-16	HP FID 3	G8012797.D
SA40030	BI41666	S4I2801	MW-15	24I1423-17	HP FID 3	G8012798.D
SA40030	BI41666	S4I2801	MW-16	24I1423-18	HP FID 3	G8012799.D
SA40030	BI41666	S4I2801	MW-17	24I1423-19	HP FID 3	G8012800.D
SA40030	BI41666	S4I2801	MW-18	24I1423-20	HP FID 3	G8012801.D
SA40030	BI41666	S4I2801	MW-19	24I1423-21	HP FID 3	G8012802.D
SA40030	BI41666	S4I2801	MW-20	24I1423-22	HP FID 3	G8012803.D
SA40030	S4I2801	S4I2801	Calibration Check	S4I2801-CCV3	HP FID 3	G8012815.D
SA40030	BI41766	S4I2801	LCS	BI41766-BS1	HP FID 3	G8012820.D
SA40030	BI41766	S4I2801	LCS Dup	BI41766-BSD1	HP FID 3	G8012821.D
SA40030	BI41766	S4I2801	MW-1	24I1423-01	HP FID 3	G8012822.D
SA40030	BI41766	S4I2801	MW-2	24I1423-02	HP FID 3	G8012823.D
SA40030	BI41766	S4I2801	MW-3	24I1423-03	HP FID 3	G8012824.D
SA40030	BI41766	S4I2801	RW-8	24I1423-23	HP FID 3	G8012825.D
SA40030	BI41766	S4I2801	RW-9	24I1423-24	HP FID 3	G8012826.D
SA40030	S4I2801	S4I2801	Calibration Check	S4I2801-CCV4	HP FID 3	G8012827.D
SA40030	BI41766	S4I2801	Blank	BI41766-BLK1	HP FID 3	G8012828.D

4.0 Analysis Issues

SA40030	S4I2801	S4I2801	Calibration Check	S4I2801-CCV5	HP FID 3	G8012829.D

4.0 Analysis Issues

Initial calibration for CT DEP ETPH exceeded method guidelines.

Calibration	Intrument	Calibration Date	File ID
SA40030	HP FID 3	1/18/2024 7:03:11 AM	G8009725.D

Analyte	RSD%	RSDLim	<MinRRF	RRFLim	CorrCoeff	CCOut	SIM	CAL curve
ETPH (Extractable Total Petroleum Hydrocarbons)		15			0.93872	**out**		LR0

The following QC and or client samples were affected:

SampleName	LabNumber	SourceSample	File ID
Secondary Cal Check	S4A1907-SCV1		G8009735.D
Calibration Check	S4I2633-CCV1		G8012774.D
Blank	BI41666-BLK1		G8012775.D
LCS Dup	BI41666-BSD1		G8012777.D
LCS	BI41666-BS1		G8012779.D
Calibration Check	S4I2633-CCV2		G8012780.D
MW-4	24I1423-04		G8012781.D
MW-5	24I1423-05		G8012782.D
MW-6	24I1423-06		G8012783.D
MW-7	24I1423-07		G8012784.D
MW-7R	24I1423-08		G8012785.D
MW-7D	24I1423-09		G8012786.D
MW-8	24I1423-10		G8012787.D
MW-9	24I1423-11		G8012788.D
MW-10	24I1423-12		G8012789.D
MW-10R	24I1423-13		G8012790.D
Calibration Check	S4I2633-CCV3		G8012791.D
MW-11	24I1423-14		G8012792.D
Calibration Check	S4I2633-CCV4		G8012793.D
Calibration Check	S4I2801-CCV1		G8012795.D
MW-12	24I1423-15		G8012796.D
MW-13	24I1423-16		G8012797.D
MW-15	24I1423-17		G8012798.D
MW-16	24I1423-18		G8012799.D
MW-17	24I1423-19		G8012800.D
MW-18	24I1423-20		G8012801.D
MW-19	24I1423-21		G8012802.D
MW-20	24I1423-22		G8012803.D
Calibration Check	S4I2801-CCV3		G8012815.D
LCS	BI41766-BS1		G8012820.D
LCS Dup	BI41766-BSD1		G8012821.D
MW-1	24I1423-01		G8012822.D
MW-2	24I1423-02		G8012823.D
MW-3	24I1423-03		G8012824.D
RW-8	24I1423-23		G8012825.D
RW-9	24I1423-24		G8012826.D

4.0 Analysis Issues

Calibration Check	S4I2801-CCV4	G8012827.D
Blank	BI41766-BLK1	G8012828.D
Calibration Check	S4I2801-CCV5	G8012829.D

CT DEP ETPH

Initial Calibration Verification-

The initial calibration verification for analytical method CT DEP ETPH

All target analytes recovered within method limits

Continuing Calibration Verification-

Calibration	Sequence	LabNumber	File ID	Date / Time
SA40030	S4I2633	S4I2633-CCV1	G8012774.D	09/26/24 09:28
SA40030	S4I2633	S4I2633-CCV2	G8012780.D	09/26/24 14:13
SA40030	S4I2633	S4I2633-CCV3	G8012791.D	09/26/24 21:14
SA40030	S4I2633	S4I2633-CCV4	G8012793.D	09/26/24 22:30
SA40030	S4I2801	S4I2801-CCV1	G8012795.D	09/27/24 08:45
SA40030	S4I2801	S4I2801-CCV3	G8012815.D	09/27/24 21:29
SA40030	S4I2801	S4I2801-CCV4	G8012827.D	09/28/24 05:08
SA40030	S4I2801	S4I2801-CCV5	G8012829.D	09/28/24 09:34

The continuing calibration verification recovered within method limits.

CT DEP ETPH

Batch QC

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

	Batch	Sequence	Instrument	Blank	FileID
GC	BI41666	S4I2633	HP FID 3	BI41666-BLK1	G8012775.D
GC	BI41766	S4I2801	HP FID 3	BI41766-BLK1	G8012828.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
SA40030	4I2633	BI41666-BS1	LCS	G8012779.D
SA40030	4I2633	BI41666-BSD1	LCS Dup	G8012777.D
SA40030	4I2801	BI41766-BS1	LCS	G8012820.D
SA40030	4I2801	BI41766-BSD1	LCS Dup	G8012821.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: BI41666 **Preparation Method:** EPA SW846-3510C Low Level **Prepared By:** JM

YORK Sample ID	Client Sample ID	Preparation Date
24I1423-04	MW-4	09/26/24
24I1423-05	MW-5	09/26/24
24I1423-06	MW-6	09/26/24
24I1423-07	MW-7	09/26/24
24I1423-08	MW-7R	09/26/24
24I1423-09	MW-7D	09/26/24
24I1423-10	MW-8	09/26/24
24I1423-11	MW-9	09/26/24
24I1423-12	MW-10	09/26/24
24I1423-13	MW-10R	09/26/24
24I1423-14	MW-11	09/26/24
24I1423-15	MW-12	09/26/24
24I1423-16	MW-13	09/26/24
24I1423-17	MW-15	09/26/24
24I1423-18	MW-16	09/26/24
24I1423-19	MW-17	09/26/24
24I1423-20	MW-18	09/26/24
24I1423-21	MW-19	09/26/24
24I1423-22	MW-20	09/26/24
BI41666-BLK1	Blank	09/26/24
BI41666-BS1	LCS	09/26/24
BI41666-BSD1	LCS Dup	09/26/24

Batch ID: BI41688 **Preparation Method:** EPA 3510C **Prepared By:** SHS

YORK Sample ID	Client Sample ID	Preparation Date
24I1423-03	MW-3	09/26/24
24I1423-05	MW-5	09/26/24
24I1423-06	MW-6	09/26/24
24I1423-07	MW-7	09/26/24
24I1423-08	MW-7R	09/26/24
24I1423-09	MW-7D	09/26/24
24I1423-10	MW-8	09/26/24
24I1423-11	MW-9	09/26/24
24I1423-12	MW-10	09/26/24
24I1423-13	MW-10R	09/26/24
24I1423-14	MW-11	09/26/24
24I1423-15	MW-12	09/26/24
24I1423-16	MW-13	09/26/24
24I1423-17	MW-15	09/26/24
24I1423-18	MW-16	09/26/24
24I1423-19	MW-17	09/26/24
24I1423-20	MW-18	09/26/24
24I1423-21	MW-19	09/26/24
24I1423-22	MW-20	09/26/24
BI41688-BLK1	Blank	09/26/24

BI41688-BLK2	Blank	09/26/24
BI41688-BS1	LCS	09/26/24
BI41688-BS2	LCS	09/26/24
BI41688-BSD1	LCS Dup	09/26/24

Batch ID: BI41766 **Preparation Method:** EPA SW846-3510C Low Level **Prepared By:** JM

YORK Sample ID	Client Sample ID	Preparation Date
24I1423-01	MW-1	09/27/24
24I1423-02	MW-2	09/27/24
24I1423-03	MW-3	09/27/24
24I1423-23	RW-8	09/27/24
24I1423-24	RW-9	09/27/24
BI41766-BLK1	Blank	09/27/24
BI41766-BS1	LCS	09/27/24
BI41766-BSD1	LCS Dup	09/27/24

Batch ID: BI41768 **Preparation Method:** EPA 3510C **Prepared By:** JM

YORK Sample ID	Client Sample ID	Preparation Date
24I1423-01	MW-1	09/27/24
24I1423-02	MW-2	09/27/24
24I1423-23	RW-8	09/27/24
24I1423-24	RW-9	09/27/24
BI41768-BLK1	Blank	09/27/24
BI41768-BLK2	Blank	09/27/24
BI41768-BS1	LCS	09/27/24
BI41768-BS2	LCS	09/27/24
BI41768-BSD1	LCS Dup	09/27/24

Batch ID: BI41789 **Preparation Method:** EPA 5030B **Prepared By:** FO

YORK Sample ID	Client Sample ID	Preparation Date
24I1423-01	MW-1	09/27/24
24I1423-02	MW-2	09/27/24
24I1423-03	MW-3	09/27/24
24I1423-04	MW-4	09/27/24
24I1423-05	MW-5	09/27/24
24I1423-06	MW-6	09/27/24
24I1423-07	MW-7	09/27/24
24I1423-08	MW-7R	09/27/24
24I1423-09	MW-7D	09/27/24
24I1423-10	MW-8	09/27/24
24I1423-11	MW-9	09/27/24
24I1423-12	MW-10	09/27/24
24I1423-13	MW-10R	09/27/24
24I1423-14	MW-11	09/27/24
24I1423-15	MW-12	09/27/24
BI41789-BLK1	Blank	09/27/24
BI41789-BS1	LCS	09/27/24

Batch ID: BI41844 **Preparation Method:** EPA 5030B **Prepared By:** SCB

YORK Sample ID	Client Sample ID	Preparation Date
24I1423-16	MW-13	09/28/24
24I1423-17	MW-15	09/28/24
24I1423-18	MW-16	09/28/24
24I1423-19	MW-17	09/28/24
24I1423-20	MW-18	09/28/24
24I1423-21	MW-19	09/28/24
24I1423-22	MW-20	09/28/24
24I1423-23	RW-8	09/28/24
24I1423-24	RW-9	09/28/24
BI41844-BLK1	Blank	09/28/24
BI41844-BS1	LCS	09/28/24
BI41844-BSD1	LCS Dup	09/28/24

Batch ID: BI41915 **Preparation Method:** EPA 3510C **Prepared By:** SHS

YORK Sample ID	Client Sample ID	Preparation Date
24I1423-04	MW-4	09/30/24
BI41915-BLK1	Blank	09/30/24
BI41915-BLK2	Blank	09/30/24
BI41915-BS1	LCS	09/30/24
BI41915-BS2	LCS	09/30/24
BI41915-BSD1	LCS Dup	09/30/24

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BI41789 - EPA 5030B											
Blank (BI41789-BLK1)									Prepared & Analyzed: 09/27/2024		
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 BI41789 - EPA 5030B											
Blank (BI41789-BLK1)									Prepared & Analyzed: 09/27/2024		
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	*10.7*		*"*	*10.0*		*107*	*70-130*				
Surrogate: SURR: Toluene-d8	*10.3*		*"*	*10.0*		*103*	*70-130*				
Surrogate: SURR: p-Bromofluorobenzene	*10.3*		*"*	*10.0*		*103*	*70-130*				
LCS (BI41789-BS1)									Prepared & Analyzed: 09/27/2024		
1,1,1,2-Tetrachloroethane	9.58		ug/L	10.0		95.8	70-130				
1,1,1-Trichloroethane	10.6		"	10.0		106	70-130				
1,1,2,2-Tetrachloroethane	12.1		"	10.0		121	70-130				
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	11.1		"	10.0		111	70-130				
1,1,2-Trichloroethane	10.8		"	10.0		108	70-130				
1,1-Dichloroethane	9.86		"	10.0		98.6	70-130				
1,1-Dichloroethylene	11.2		"	10.0		112	70-130				
1,1-Dichloropropylene	10.5		"	10.0		105	70-130				
1,2,3-Trichlorobenzene	12.6		"	10.0		126	70-130				
1,2,3-Trichloropropane	10.8		"	10.0		108	70-130				
1,2,4-Trichlorobenzene	11.7		"	10.0		117	70-130				
1,2,4-Trimethylbenzene	11.0		"	10.0		110	70-130				
1,2-Dibromo-3-chloropropane	11.5		"	10.0		115	70-130				
1,2-Dibromoethane	11.2		"	10.0		112	70-130				
1,2-Dichlorobenzene	10.7		"	10.0		107	70-130				
1,2-Dichloroethane	10.4		"	10.0		104	70-130				
1,2-Dichloropropane	10.9		"	10.0		109	70-130				
1,3,5-Trimethylbenzene	10.8		"	10.0		108	70-130				
1,3-Dichlorobenzene	10.4		"	10.0		104	70-130				
1,3-Dichloropropane	11.1		"	10.0		111	70-130				
1,4-Dichlorobenzene	10.5		"	10.0		105	70-130				
2,2-Dichloropropane	10.7		"	10.0		107	70-130				
2-Butanone	8.19		"	10.0		81.9	70-130				
2-Chlorotoluene	10.2		"	10.0		102	70-130				
2-Hexanone	10.9		"	10.0		109	70-130				
4-Chlorotoluene	10.4		"	10.0		104	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 BI41789 - EPA 5030B											
LCS (BI41789-BS1)								Prepared & Analyzed: 09/27/2024			
4-Methyl-2-pentanone	12 4		ug/L	10 0		124	70 130				
Acetone	22.3		"	10.0		223	70-130	High Bias			
Acrylonitrile	12.2		"	10.0		122	70-130				
Benzene	10.4		"	10.0		104	70-130				
Bromobenzene	10.1		"	10.0		101	70-130				
Bromochloromethane	10.5		"	10.0		105	70-130				
Bromodichloromethane	11.3		"	10.0		113	70-130				
Bromoform	10.1		"	10.0		101	70-130				
Bromomethane	8.20		"	10.0		82.0	70-130				
Carbon disulfide	11.1		"	10.0		111	70-130				
Carbon tetrachloride	11.8		"	10.0		118	70-130				
Chlorobenzene	10.2		"	10.0		102	70-130				
Chloroethane	10.1		"	10.0		101	70-130				
Chloroform	9.99		"	10.0		99.9	70-130				
Chloromethane	10.9		"	10.0		109	70-130				
cis-1,2-Dichloroethylene	10.4		"	10.0		104	70-130				
cis-1,3-Dichloropropylene	11.0		"	10.0		110	70-130				
Dibromochloromethane	10.3		"	10.0		103	70-130				
Dibromomethane	11.1		"	10.0		111	70-130				
Dichlorodifluoromethane	13.0		"	10.0		130	70-130				
Ethyl Benzene	11.1		"	10.0		111	70-130				
Hexachlorobutadiene	11.7		"	10.0		117	70-130				
Isopropylbenzene	11.0		"	10.0		110	70-130				
Methyl Methacrylate	12.5		"	10.0		125	70-130				
Methyl tert-butyl ether (MTBE)	10.9		"	10.0		109	70-130				
Methylene chloride	12.0		"	10.0		120	70-130				
Naphthalene	12.3		"	10.0		123	70-130				
n-Butylbenzene	11.2		"	10.0		112	70-130				
n-Propylbenzene	11.3		"	10.0		113	70-130				
o-Xylene	10.5		"	10.0		105	70-130				
p- & m- Xylenes	23.1		"	20.0		115	70-130				
p-Isopropyltoluene	10.9		"	10.0		109	70-130				
sec-Butylbenzene	11.1		"	10.0		111	70-130				
Styrene	10.0		"	10.0		100	70-130				
tert-Butylbenzene	10.4		"	10.0		104	70-130				
Tetrachloroethylene	5.56		"	10.0		55.6	70-130	Low Bias			
Tetrahydrofuran	4.77		"	10.0		47.7	70-130	Low Bias			
Toluene	11.0		"	10.0		110	70-130				
trans-1,2-Dichloroethylene	10.4		"	10.0		104	70-130				
trans-1,3-Dichloropropylene	11.9		"	10.0		119	70-130				
trans-1,4-dichloro-2-butene	11.7		"	10.0		117	70-130				
Trichloroethylene	10.1		"	10.0		101	70-130				
Trichlorofluoromethane	11.1		"	10.0		111	70-130				
Vinyl Chloride	11.8		"	10.0		118	70-130				
Surrogate: SURR: 1,2-Dichloroethane-d4	*10.2*		"	*10.0*		*102*	*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 BI41844 - EPA 5030B											
Blank (BI41844-BLK1)									Prepared & Analyzed: 09/28/2024		
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	"								

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BI41844 - EPA 5030B											
Blank (BI41844-BLK1)								Prepared & Analyzed: 09/28/2024			
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	*10.2*		*"*	*10.0*		*102*	*70-130*				
Surrogate: SURR: Toluene-d8	*10.4*		*"*	*10.0*		*104*	*70-130*				
Surrogate: SURR: p-Bromofluorobenzene	*10.4*		*"*	*10.0*		*104*	*70-130*				
LCS (BI41844-BS1)								Prepared & Analyzed: 09/28/2024			
1,1,1,2-Tetrachloroethane	9.69		ug/L	10.0		96.9	70-130				
1,1,1-Trichloroethane	11.0		"	10.0		110	70-130				
1,1,2,2-Tetrachloroethane	13.1		"	10.0		131	70-130	High Bias			
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	10.6		"	10.0		106	70-130				
1,1,2-Trichloroethane	10.9		"	10.0		109	70-130				
1,1-Dichloroethane	10.7		"	10.0		107	70-130				
1,1-Dichloroethylene	11.3		"	10.0		113	70-130				
1,1-Dichloropropylene	10.9		"	10.0		109	70-130				
1,2,3-Trichlorobenzene	11.4		"	10.0		114	70-130				
1,2,3-Trichloropropane	11.2		"	10.0		112	70-130				
1,2,4-Trichlorobenzene	10.7		"	10.0		107	70-130				
1,2,4-Trimethylbenzene	11.3		"	10.0		113	70-130				
1,2-Dibromo-3-chloropropane	11.5		"	10.0		115	70-130				
1,2-Dibromoethane	11.0		"	10.0		110	70-130				
1,2-Dichlorobenzene	10.6		"	10.0		106	70-130				
1,2-Dichloroethane	11.0		"	10.0		110	70-130				
1,2-Dichloropropane	11.3		"	10.0		113	70-130				
1,3,5-Trimethylbenzene	11.2		"	10.0		112	70-130				
1,3-Dichlorobenzene	10.3		"	10.0		103	70-130				
1,3-Dichloropropane	11.1		"	10.0		111	70-130				
1,4-Dichlorobenzene	10.5		"	10.0		105	70-130				
2,2-Dichloropropane	11.8		"	10.0		118	70-130				
2-Butanone	8.39		"	10.0		83.9	70-130				
2-Chlorotoluene	10.8		"	10.0		108	70-130				
2-Hexanone	10.6		"	10.0		106	70-130				
4-Chlorotoluene	10.9		"	10.0		109	70-130				
4-Methyl-2-pentanone	12.2		"	10.0		122	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 BI41844 - EPA 5030B											
LCS (BI41844-BS1)								Prepared & Analyzed: 09/28/2024			
Acetone	21 0		ug/L	10 0		210	70 130	High Bias			
Acrylonitrile	12.4		"	10.0		124	70-130				
Benzene	11.8		"	10.0		118	70-130				
Bromobenzene	10.4		"	10.0		104	70-130				
Bromochloromethane	11.3		"	10.0		113	70-130				
Bromodichloromethane	11.6		"	10.0		116	70-130				
Bromoform	9.87		"	10.0		98.7	70-130				
Bromomethane	8.38		"	10.0		83.8	70-130				
Carbon disulfide	11.4		"	10.0		114	70-130				
Carbon tetrachloride	12.0		"	10.0		120	70-130				
Chlorobenzene	10.6		"	10.0		106	70-130				
Chloroethane	10.7		"	10.0		107	70-130				
Chloroform	10.8		"	10.0		108	70-130				
Chloromethane	10.9		"	10.0		109	70-130				
cis-1,2-Dichloroethylene	11.1		"	10.0		111	70-130				
cis-1,3-Dichloropropylene	11.4		"	10.0		114	70-130				
Dibromochloromethane	10.1		"	10.0		101	70-130				
Dibromomethane	10.8		"	10.0		108	70-130				
Dichlorodifluoromethane	8.79		"	10.0		87.9	70-130				
Ethyl Benzene	11.9		"	10.0		119	70-130				
Hexachlorobutadiene	10.2		"	10.0		102	70-130				
Isopropylbenzene	11.7		"	10.0		117	70-130				
Methyl Methacrylate	12.6		"	10.0		126	70-130				
Methyl tert-butyl ether (MTBE)	11.4		"	10.0		114	70-130				
Methylene chloride	13.3		"	10.0		133	70-130	High Bias			
Naphthalene	11.9		"	10.0		119	70-130				
n-Butylbenzene	10.8		"	10.0		108	70-130				
n-Propylbenzene	12.1		"	10.0		121	70-130				
o-Xylene	11.2		"	10.0		112	70-130				
p- & m- Xylenes	25.1		"	20.0		126	70-130				
p-Isopropyltoluene	11.1		"	10.0		111	70-130				
sec-Butylbenzene	11.4		"	10.0		114	70-130				
Styrene	10.4		"	10.0		104	70-130				
tert-Butylbenzene	10.4		"	10.0		104	70-130				
Tetrachloroethylene	5.57		"	10.0		55.7	70-130	Low Bias			
Tetrahydrofuran	10.2		"	10.0		102	70-130				
Toluene	11.8		"	10.0		118	70-130				
trans-1,2-Dichloroethylene	10.9		"	10.0		109	70-130				
trans-1,3-Dichloropropylene	11.6		"	10.0		116	70-130				
trans-1,4-dichloro-2-butene	11.5		"	10.0		115	70-130				
Trichloroethylene	10.0		"	10.0		100	70-130				
Trichlorofluoromethane	10.4		"	10.0		104	70-130				
Vinyl Chloride	10.8		"	10.0		108	70-130				
Surrogate: SURR: 1,2-Dichloroethane-d4	*10.0*		*"*	*10.0*		*100*	*70-130*				
Surrogate: SURR: Toluene-d8	*10.1*		*"*	*10.0*		*101*	*70-130*				
Surrogate: SURR: p-Bromofluorobenzene	*10.3*		*"*	*10.0*		*103*	*70-130*				

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BI41844 - EPA 5030B											
LCS Dup (BI41844-BSD1)								Prepared & Analyzed: 09/28/2024			
1,1,1,2-Tetrachloroethane	9 63		ug/L	10 0		96 3	70 130		0.621	30	
1,1,1-Trichloroethane	11.3		"	10.0		113	70-130		3.23	30	
1,1,2,2-Tetrachloroethane	12.6		"	10.0		126	70-130		3.80	30	
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	11.6		"	10.0		116	70-130		9.39	30	
1,1,2-Trichloroethane	10.8		"	10.0		108	70-130		1.38	30	
1,1-Dichloroethane	10.7		"	10.0		107	70-130		0.0932	30	
1,1-Dichloroethylene	11.7		"	10.0		117	70-130		3.92	30	
1,1-Dichloropropylene	11.1		"	10.0		111	70-130		1.91	30	
1,2,3-Trichlorobenzene	11.1		"	10.0		111	70-130		3.20	30	
1,2,3-Trichloropropane	10.5		"	10.0		105	70-130		6.37	30	
1,2,4-Trichlorobenzene	10.8		"	10.0		108	70-130		0.558	30	
1,2,4-Trimethylbenzene	11.8		"	10.0		118	70-130		3.55	30	
1,2-Dibromo-3-chloropropane	11.1		"	10.0		111	70-130		3.45	30	
1,2-Dibromoethane	11.2		"	10.0		112	70-130		1.54	30	
1,2-Dichlorobenzene	10.9		"	10.0		109	70-130		2.32	30	
1,2-Dichloroethane	10.8		"	10.0		108	70-130		1.19	30	
1,2-Dichloropropane	11.3		"	10.0		113	70-130		0.443	30	
1,3,5-Trimethylbenzene	11.6		"	10.0		116	70-130		2.90	30	
1,3-Dichlorobenzene	10.7		"	10.0		107	70-130		3.82	30	
1,3-Dichloropropane	11.1		"	10.0		111	70-130		0.00	30	
1,4-Dichlorobenzene	10.7		"	10.0		107	70-130		2.36	30	
2,2-Dichloropropane	12.1		"	10.0		121	70-130		2.50	30	
2-Butanone	8.52		"	10.0		85.2	70-130		1.54	30	
2-Chlorotoluene	11.1		"	10.0		111	70-130		2.46	30	
2-Hexanone	10.0		"	10.0		100	70-130		5.14	30	
4-Chlorotoluene	11.2		"	10.0		112	70-130		2.99	30	
4-Methyl-2-pentanone	11.6		"	10.0		116	70-130		5.29	30	
Acetone	21.8		"	10.0		218	70-130	High Bias	3.74	30	
Acrylonitrile	11.3		"	10.0		113	70-130		9.36	30	
Benzene	11.9		"	10.0		119	70-130		0.507	30	
Bromobenzene	10.4		"	10.0		104	70-130		0.192	30	
Bromochloromethane	11.2		"	10.0		112	70-130		0.444	30	
Bromodichloromethane	11.5		"	10.0		115	70-130		0.434	30	
Bromoform	9.97		"	10.0		99.7	70-130		1.01	30	
Bromomethane	8.68		"	10.0		86.8	70-130		3.52	30	
Carbon disulfide	11.8		"	10.0		118	70-130		3.37	30	
Carbon tetrachloride	12.5		"	10.0		125	70-130		3.83	30	
Chlorobenzene	10.8		"	10.0		108	70-130		1.40	30	
Chloroethane	10.7		"	10.0		107	70-130		0.0936	30	
Chloroform	10.8		"	10.0		108	70-130		0.0929	30	
Chloromethane	10.5		"	10.0		105	70-130		3.93	30	
cis-1,2-Dichloroethylene	11.2		"	10.0		112	70-130		0.809	30	
cis-1,3-Dichloropropylene	11.4		"	10.0		114	70-130		0.439	30	
Dibromochloromethane	10.2		"	10.0		102	70-130		1.18	30	
Dibromomethane	10.9		"	10.0		109	70-130		0.827	30	
Dichlorodifluoromethane	9.54		"	10.0		95.4	70-130		8.18	30	
Ethyl Benzene	12.1		"	10.0		121	70-130		1.66	30	
Hexachlorobutadiene	10.8		"	10.0		108	70-130		6.11	30	
Isopropylbenzene	12.1		"	10.0		121	70-130		3.69	30	
Methyl Methacrylate	12.5		"	10.0		125	70-130		0.953	30	
Methyl tert-butyl ether (MTBE)	11.2		"	10.0		112	70-130		2.03	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 BI41844 - EPA 5030B											
LCS Dup (BI41844-BSD1)								Prepared & Analyzed: 09/28/2024			
Methylene chloride	13 0		ug/L	10 0		130	70 130		2.13	30	
Naphthalene	10.8		"	10.0		108	70-130		9.07	30	
n-Butylbenzene	11.5		"	10.0		115	70-130		6.26	30	
n-Propylbenzene	12.5		"	10.0		125	70-130		3.33	30	
o-Xylene	11.3		"	10.0		113	70-130		1.51	30	
p- & m- Xylenes	25.8		"	20.0		129	70-130		2.75	30	
p-Isopropyltoluene	11.7		"	10.0		117	70-130		5.28	30	
sec-Butylbenzene	12.0		"	10.0		120	70-130		5.81	30	
Styrene	10.6		"	10.0		106	70-130		1.72	30	
tert-Butylbenzene	11.0		"	10.0		110	70-130		5.05	30	
Tetrachloroethylene	5.72		"	10.0		57.2	70-130	Low Bias	2.66	30	
Tetrahydrofuran	10.2		"	10.0		102	70-130		0.196	30	
Toluene	11.9		"	10.0		119	70-130		1.43	30	
trans-1,2-Dichloroethylene	11.1		"	10.0		111	70-130		1.18	30	
trans-1,3-Dichloropropylene	11.7		"	10.0		117	70-130		0.856	30	
trans-1,4-dichloro-2-butene	11.6		"	10.0		116	70-130		1.04	30	
Trichloroethylene	10.2		"	10.0		102	70-130		2.07	30	
Trichlorofluoromethane	11.2		"	10.0		112	70-130		6.86	30	
Vinyl Chloride	11.0		"	10.0		110	70-130		1.65	30	
Surrogate: SURR: 1,2-Dichloroethane-d4	*10.1*		"	*10.0*		*101*	*70-130*				
Surrogate: SURR: Toluene-d8	*10.2*		"	*10.0*		*102*	*70-130*				
Surrogate: SURR: p-Bromofluorobenzene	*10.2*		"	*10.0*		*102*	*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 BI41688 - EPA 3510C											
Blank (BI41688-BLK1)											Prepared: 09/26/2024 Analyzed: 09/27/2024
2-Methylnaphthalene	ND	5 00	ug/L								
Surrogate: SURR: Nitrobenzene-d5	*20.8*		*"*	*25.0*		*83.0*	*30-130*				
Surrogate: SURR: 2-Fluorobiphenyl	*12.7*		*"*	*25.0*		*50.9*	*30-130*				
Surrogate: SURR: Terphenyl-d14	*17.7*		*"*	*25.0*		*70.8*	*30-130*				
Blank (BI41688-BLK2)											Prepared: 09/26/2024 Analyzed: 09/30/2024
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	0.0500	0.0500	"								
Phenanthrene	ND	0.0500	"								
Pyrene	ND	0.0500	"								
LCS (BI41688-BS1)											Prepared: 09/26/2024 Analyzed: 09/27/2024
2-Methylnaphthalene	18.0	5.00	ug/L	25.0		72.1	40-140				
Surrogate: SURR: Nitrobenzene-d5	*27.0*		*"*	*25.0*		*108*	*30-130*				
Surrogate: SURR: 2-Fluorobiphenyl	*20.5*		*"*	*25.0*		*81.9*	*30-130*				
Surrogate: SURR: Terphenyl-d14	*17.9*		*"*	*25.0*		*71.6*	*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 BI41688 - EPA 3510C											
LCS (BI41688-BS2)								Prepared: 09/26/2024 Analyzed: 09/30/2024			
Acenaphthene	0 800	0 0500	ug/L	1 00		80 0	40 140				
Acenaphthylene	0.790	0.0500	"	1.00		79.0	40-140				
Anthracene	0.770	0.0500	"	1.00		77.0	40-140				
Benzo(a)anthracene	0.810	0.0500	"	1.00		81.0	40-140				
Benzo(a)pyrene	0.800	0.0500	"	1.00		80.0	40-140				
Benzo(b)fluoranthene	0 910	0 0500	"	1 00		91 0	40 140				
Benzo(g,h,i)perylene	0.820	0.0500	"	1.00		82.0	40-140				
Benzo(k)fluoranthene	0.930	0.0500	"	1.00		93.0	40-140				
Chrysene	0.840	0.0500	"	1.00		84.0	40-140				
Dibenzo(a,h)anthracene	0.770	0.0500	"	1.00		77.0	40-140				
Fluoranthene	0.830	0.0500	"	1.00		83.0	40-140				
Fluorene	0.820	0.0500	"	1.00		82.0	40-140				
Indeno(1,2,3-cd)pyrene	0.820	0.0500	"	1.00		82.0	40-140				
Naphthalene	0.830	0.0500	"	1.00		83.0	40-140				
Phenanthrene	0.840	0.0500	"	1.00		84.0	40-140				
Pyrene	0.910	0.0500	"	1.00		91.0	40-140				
LCS Dup (BI41688-BSD1)								Prepared: 09/26/2024 Analyzed: 09/27/2024			
2-Methylnaphthalene	12.6	5.00	ug/L	25.0		50.4	40-140		35.3	20	Non-dir.
Surrogate: SURR: Nitrobenzene-d5	*20.7*		"	*25.0*		*82.8*	*30-130*				
Surrogate: SURR: 2-Fluorobiphenyl	*14.6*		"	*25.0*		*58.4*	*30-130*				
Surrogate: SURR: Terphenyl-d14	*14.8*		"	*25.0*		*59.0*	*30-130*				
Batch BI41768 - EPA 3510C											
Blank (BI41768-BLK1)								Prepared: 09/27/2024 Analyzed: 09/28/2024			
2-Methylnaphthalene	ND	5.00	ug/L								
Surrogate: SURR: Nitrobenzene-d5	*16.9*		"	*25.0*		*67.6*	*30-130*				
Surrogate: SURR: 2-Fluorobiphenyl	*18.6*		"	*25.0*		*74.5*	*30-130*				
Surrogate: SURR: Terphenyl-d14	*20.2*		"	*25.0*		*80.8*	*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 BI41768 - EPA 3510C											
Blank (BI41768-BLK2)											Prepared: 09/27/2024 Analyzed: 10/01/2024
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	"								
LCS (BI41768-BS1)											Prepared: 09/27/2024 Analyzed: 09/30/2024
2-Methylnaphthalene	18.0	5.00	ug/L	25.0		71.9	40-140				
Surrogate: SURR: Nitrobenzene-d5	*26.8*		*"*	*25.0*		*107*	*30-130*				
Surrogate: SURR: 2-Fluorobiphenyl	*20.3*		*"*	*25.0*		*81.3*	*30-130*				
Surrogate: SURR: Terphenyl-d14	*21.1*		*"*	*25.0*		*84.5*	*30-130*				
LCS (BI41768-BS2)											Prepared: 09/27/2024 Analyzed: 10/01/2024
Acenaphthene	1.01	0.0500	ug/L	1.00		101	40-140				
Acenaphthylene	1.12	0.0500	"	1.00		112	40-140				
Anthracene	1.02	0.0500	"	1.00		102	40-140				
Benzo(a)anthracene	1.11	0.0500	"	1.00		111	40-140				
Benzo(a)pyrene	1.07	0.0500	"	1.00		107	40-140				
Benzo(b)fluoranthene	1.06	0.0500	"	1.00		106	40-140				
Benzo(g,h,i)perylene	1.20	0.0500	"	1.00		120	40-140				
Benzo(k)fluoranthene	1.14	0.0500	"	1.00		114	40-140				
Chrysene	1.04	0.0500	"	1.00		104	40-140				
Dibenzo(a,h)anthracene	1.37	0.0500	"	1.00		137	40-140				
Fluoranthene	1.21	0.0500	"	1.00		121	40-140				
Fluorene	1.08	0.0500	"	1.00		108	40-140				
Indeno(1,2,3-cd)pyrene	1.32	0.0500	"	1.00		132	40-140				
Naphthalene	0.940	0.0500	"	1.00		94.0	40-140				
Phenanthrene	1.15	0.0500	"	1.00		115	40-140				
Pyrene	1.13	0.0500	"	1.00		113	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 BI41768 - EPA 3510C											
LCS Dup (BI41768-BSD1)									Prepared: 09/27/2024 Analyzed: 09/30/2024		
2-Methylnaphthalene	18 0	5 00	ug/L	25 0		72 1	40 140		0.278	20	
Surrogate: SURR: Nitrobenzene-d5	*27.0*		"	*25.0*		*108*	*30-130*				
Surrogate: SURR: 2-Fluorobiphenyl	*20.4*		"	*25.0*		*81.6*	*30-130*				
Surrogate: SURR: Terphenyl-d14	*21.2*		"	*25.0*		*85.0*	*30-130*				
Batch BI41915 - EPA 3510C											
Blank (BI41915-BLK1)									Prepared: 09/30/2024 Analyzed: 10/01/2024		
2-Methylnaphthalene	ND	5 00	ug/L								
Surrogate: SURR: Nitrobenzene-d5	*22.8*		"	*25.0*		*91.3*	*30-130*				
Surrogate: SURR: 2-Fluorobiphenyl	*16.2*		"	*25.0*		*64.9*	*30-130*				
Surrogate: SURR: Terphenyl-d14	*22.9*		"	*25.0*		*91.6*	*30-130*				
Blank (BI41915-BLK2)									Prepared: 09/30/2024 Analyzed: 10/02/2024		
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	0.0500	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 BI41915 - EPA 3510C											
LCS (BI41915-BS1)								Prepared: 09/30/2024 Analyzed: 10/01/2024			
2-Methylnaphthalene	15 7	5 00	ug/L	25 0		62 8	40 140				
Surrogate: SURR: Nitrobenzene-d5	*22.6*		*"*	*25.0*		*90.4*	*30-130*				
Surrogate: SURR: 2-Fluorobiphenyl	*16.8*		*"*	*25.0*		*67.2*	*30-130*				
Surrogate: SURR: Terphenyl-d14	*21.7*		*"*	*25.0*		*86.9*	*30-130*				
LCS (BI41915-BS2)								Prepared: 09/30/2024 Analyzed: 10/02/2024			
Acenaphthene	1.39	0.0500	ug/L	1.00		139	40-140				
Acenaphthylene	1.54	0.0500	"	1.00		154	40-140	High Bias			
Anthracene	1.32	0.0500	"	1.00		132	40-140				
Benzo(a)anthracene	1 42	0 0500	"	1 00		142	40 140	High Bias			
Benzo(a)pyrene	1.34	0.0500	"	1.00		134	40-140				
Benzo(b)fluoranthene	1.20	0.0500	"	1.00		120	40-140				
Benzo(g,h,i)perylene	2.64	0.0500	"	1.00		264	40-140	High Bias			
Benzo(k)fluoranthene	1.28	0.0500	"	1.00		128	40-140				
Chrysene	1.37	0.0500	"	1.00		137	40-140				
Dibenzo(a,h)anthracene	2.69	0.0500	"	1.00		269	40-140	High Bias			
Fluoranthene	1.42	0.0500	"	1.00		142	40-140	High Bias			
Fluorene	1.44	0.0500	"	1.00		144	40-140	High Bias			
Indeno(1,2,3-cd)pyrene	2.71	0.0500	"	1.00		271	40-140	High Bias			
Naphthalene	1.35	0.0500	"	1.00		135	40-140				
Phenanthrene	1.36	0.0500	"	1.00		136	40-140				
Pyrene	1.39	0.0500	"	1.00		139	40-140				
LCS Dup (BI41915-BSD1)								Prepared: 09/30/2024 Analyzed: 10/01/2024			
2-Methylnaphthalene	27.9	5.00	ug/L	25.0		112	40-140		56.1	20	Non-dir.
Surrogate: SURR: Nitrobenzene-d5	*35.2*		*"*	*25.0*		*141*	*30-130*				
Surrogate: SURR: 2-Fluorobiphenyl	*25.7*		*"*	*25.0*		*103*	*30-130*				
Surrogate: SURR: Terphenyl-d14	*27.2*		*"*	*25.0*		*109*	*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 BI41666 - EPA SW846-3510C Low Level											
Blank (BI41666-BLK1)								Prepared & Analyzed: 09/26/2024			
ETPH (Extractable Total Petroleum Hydrocarbons)	ND	0 150	mg/L								
Surrogate: 1-Chlorooctadecane	*0.107*		*"*	*0.100*		*107*	*30-140*				
LCS (BI41666-BS1)								Prepared & Analyzed: 09/26/2024			
ETPH (Extractable Total Petroleum Hydrocarbons	0.775	0.150	mg/L	0.750		103	60-120				
Surrogate 1 Chlorooctadecane	*0 0738*		*"*	*0 100*		*73 8*	*30 140*				
LCS Dup (BI41666-BSD1)								Prepared & Analyzed: 09/26/2024			
ETPH (Extractable Total Petroleum Hydrocarbons)	0.902	0.150	mg/L	0.750		120	60-120		15.1	30	
Surrogate: 1-Chlorooctadecane	*0.0773*		*"*	*0.100*		*77.3*	*30-140*				
Batch BI41766 - EPA SW846-3510C Low Level											
Blank (BI41766-BLK1)								Prepared: 09/27/2024 Analyzed: 09/28/2024			
ETPH (Extractable Total Petroleum Hydrocarbons)	ND	0 150	mg/L								
Surrogate: 1-Chlorooctadecane	*0.101*		*"*	*0.100*		*101*	*30-140*				
LCS (BI41766-BS1)								Prepared: 09/27/2024 Analyzed: 09/28/2024			
ETPH (Extractable Total Petroleum Hydrocarbons	0.707	0.150	mg/L	0.750		94.2	60-120				
Surrogate 1 Chlorooctadecane	*0 0563*		*"*	*0 100*		*56 3*	*30 140*				
LCS Dup (BI41766-BSD1)								Prepared: 09/27/2024 Analyzed: 09/28/2024			
ETPH (Extractable Total Petroleum Hydrocarbons)	0.769	0.150	mg/L	0.750		102	60-120		8.39	30	
Surrogate: 1-Chlorooctadecane	*0.0682*		*"*	*0.100*		*68.2*	*30-140*				

Volatile Analysis Sample Containers

Lab ID	Client Sample ID	Volatile Sample Container
24I1423-01	MW-1	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C
24I1423-02	MW-2	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C
24I1423-03	MW-3	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C
24I1423-04	MW-4	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C
24I1423-05	MW-5	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C
24I1423-06	MW-6	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C
24I1423-07	MW-7	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C
24I1423-08	MW-7R	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C
24I1423-09	MW-7D	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C
24I1423-10	MW-8	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C
24I1423-11	MW-9	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C
24I1423-12	MW-10	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C
24I1423-13	MW-10R	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C
24I1423-14	MW-11	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C
24I1423-15	MW-12	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C
24I1423-16	MW-13	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C
24I1423-17	MW-15	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C
24I1423-18	MW-16	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C
24I1423-19	MW-17	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C
24I1423-20	MW-18	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C
24I1423-21	MW-19	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C
24I1423-22	MW-20	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C
24I1423-23	RW-8	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C
24I1423-24	RW-9	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).
HT-PR	Sample was prepared outside of the recommended holding time.
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).
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

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

YORK Project No. 24I1423

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: Same	Company: Same
Address: P.O. Box 581 East Lyme CT	Address:	Address:
Phone.: 860 705-8704	Phone.:	Phone.:
Contact: D. Turner	Contact:	Contact:
E-mail: turnerenvironmental@att.net	E-mail:	E-mail:

YOUR Project Number: TE 23-007

YOUR Project Name: Region 18

YOUR PO#: Region 18

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 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
RVC
SWPC

Sample Identification	Sample Matrix	Date/Time Sampled	Analyses Requested	Container Type	No.
MW-1	GW	9/21/24 8:55	VOCs 8260, PAHs, ETPH	1L, VOA	6
MW-2		9:50			
MW-3		9:05			
MW-4		9:50			
MW-5		10:45			
MW-6		10:50			
MW-7		11:30			
MW 7R		12:25			
MW 7D		13:10			
MW-8		14:15			

Comments:

Preservation: (check all that apply)

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

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

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
Turner	12/24/24 12:00		9/24/24 12:20		9/24/24 1410
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
				9/24/24	1410 / 2.0 Degrees C

Field Chain-of-Custody Record

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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 23007

YOUR Project Name: Region 18

YOUR PO#: Region 18

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.

Samples Collected by: (print AND sign your name) David Turner

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
RVC
SWPC

Sample Identification	Sample Matrix	Date/Time Sampled	Analyses Requested	Container Type	No.
MW-9	GW	9/21/24 11:35	VOCs 8260, PAH, ETPH	1L, VOA	6
MW-10		14:05			
MW-10R		14:53			
MW-11		15:55			
MW-12		16:50			
MW-13		16:20			
MW-15					
MW-16		~~16:10~~ 13:20 DUP			
MW-17		15:00			
MW-18		12:30			

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
Turner	9/24/24 12:20		9/24/24 12:20		9/24/24 1410
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
					9/24/24 1410 2.0 Degrees C

Field Chain-of-Custody Record

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YORK Project No. 24I1423

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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

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- RUSH - Four Day
- RUSH - Five Day
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- PFAS Standard is 7-10 Days

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David Turner

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- S - soil / solid
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- 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-19	GW	9/21/24 17:50	VOCs 8260, PAHs, ETPH	1L, VOA	6
MW-20		9/21/24 17:35			
RW 8		9/22/24 12:30			
RW-9		9/22/24 11:30			

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
Turner	9/24/24 12:20		9/24/24 12:20		9/24/24 1410
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
					9/24/24 1410 / 2.0 Degrees C