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*: REM, PCB or LUST (* required)

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

Part II: Site Information

Site Name*: Regional School District 18

Site Address*: 49 Lyme Street

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: Select Secondary Program	Project ID:
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*: 6/30/2025 Version: Final

Part IV: Submitter Information

Name*: David Turner - Turner Environmental, LLC

E-mail*: turnerenviro@att.net

Name of business this document is being submitted on behalf of and contact person email: *

Region 18 Scools

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

June 30, 2025

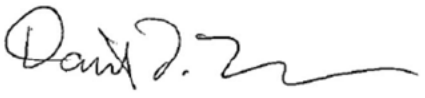
Moises Torrent
Department of Energy and Environmental Protection
Emergency Response and Spill Prevention Division
79 Elm Street
Hartford, Connecticut 06106-5127

Re: Regional School Board District 18
Consent Order Number COWSERU
23-001 Monthly Progress Report June 2025

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 June 2025 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: 06-30-25

Regional School District No. 18

Signature

Name (Print): Ian Neviaser

Date: June 30, 2025

8773112v.1

June 30, 2025 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 June 2025, the primary tasks involved: operation of the *Pump and Treat* groundwater remediation system and off-site drinking water sampling. Quarterly groundwater monitoring was also performed on the monitoring well network in late June 2025. Results are pending. We continue to evaluate free product recovery data and perform treatment system discharge monitoring.

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 March 2025 groundwater sampling event are shown in Figure 2. In general, groundwater elevations were approximately one and one-half feet lower than those reported during Spring 2024 sampling.

Off-site Drinking Water Wells

The drinking water at [redacted] was sampled on June 23, 2025. Results are pending. Results are pending.

Despite numerous attempts, we were unable to gain access to [redacted] to sample the drinking water. This building is only occupied occasionally, and the occupants drink bottled water according to the owner.

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. It should be noted that we have determined that the drinking water well for [redacted] is approximately forty-five feet further west on the property than previously known. The confirmed location is shown on Figure 3.

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 operated for twenty months. Approximately 1,400,000 gallons of water have been collected and treated. The current pumping rate averages approximately 2,000 to 3,000 +/- gallons per day.

Discharge monitoring samples from Mayl did not detect any petroleum contaminants in the discharge and all parameters were within their respective permit limits. Discharge monitoring samples were also collected in late June and results are pending.

The treatment system continues to pump from wells RW-7, RW-10 and RW-11. These recovery wells are in the former holding tank area and boiler room (Release Area) where free product has previously 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) and occasionally from RW-8, located between RW-7 and RW-10. The intakes of these wells are currently set to extract water from 2 to 3 feet below the standing water table.

Free product (FP) has primarily been observed and recovered from the wells being pumped: RW-7, RW 10 and RW-11. In May 2025, the amount of FP increased slightly from recent months (March and April) but is less than the late 2024 recoveries. 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, October 2024 9.1 L, November 2024 7.4, December 2024 19.0 L, January 2025 3.5 L , February 2025 5.2 L, March 2025 0.8 L April 2025 1.0 L and May 2025 2.45 L.

In June 2025 we recovered approximately 0.3 L of FP, which is significantly lower from the recovery volumes reported in the winter and spring months. A summary of the volumes of free product recovered per month is shown in the attached table.

Graphics depicting free product recovery and water table elevations are provided in the attachments. There is not a correlation observed regarding water table elevations and free product recovery. We will continue to analyze this data for reasonable trends.

To date approximately 95+ L of free product has been directly removed from the recovery wells. An unknown amount has also been removed by the oil/water separator and approximately 2.0 to 3.0 + L of "dissolved" petroleum was removed from impacted groundwater pumped through the treatment system.

During the operational cycle recovery well drawdowns are approximately 1 to 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. Water table measurements from June 2025 have shown an increase over the past few months. Currently the water table is similar to water table elevations found in June 2024.

Groundwater Monitoring

Quarterly groundwater monitoring was performed on all existing monitoring wells on June 23 and 24, 2025. Results are pending.

The previous monitoring round from March 24, 2025 is discussed below.

The March 24, 2025 monitoring followed the EPA Low Flow Sampling Method. Twenty-two monitoring wells and two recovery wells were sampled and analyzed. Those samples were submitted to York Analytical for analyses of VOCs by EPA Methos 8260, ETPH and PAHs.

Results of the completed analyses 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 March 2025 data. The analytical data have been updated to include the March 2025 results.

Previous monitoring has detected groundwater contaminants in several areas. We have provided a brief summary for each area. In general, concentrations of petroleum related VOCs have fluctuated slightly over the past two years and in general have decreased from previously reported levels.

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

No ETPH, VOCs or PAHs were detected in these wells during the March 2025 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.

MW-7 Area

The contaminant plume from the oil release moves northwest under the school building and has been detected in the area of MW-7, MW-7R and MW-7D. During the March 2025 quarterly sampling round, various petroleum-related VOCs were detected. ETPH was detected at 784 ug/L in MW-7 which exceeds RSR criteria for that substance and is slightly higher than the December 2024 data. ETPH was detected in MW-7R at 331 ug/L, slightly higher than 253 ug/L detected in December 2025 and in in MW-7D at 181 ug/L which was 150 ug/L in December 2024 monitoring. Benzene was below detection limits (0.5 ug/L) in MW-7, MW-7R and MW-7D during March 2025 sampling. Benzene was reported in December 2024 monitoring in MW-7 at 4.24 ug/L and MW-7D at 2.16 ug/L both exceeding respective RSR criteria.

Several other petroleum related VOCs were also detected in MW-7 and MW-7R at low concentrations – all well below their respective 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 ETPH, VOCs or PAHs were detected in MW-5 or MW-8 in the March Sampling. A low concentration of ETPH was detected in MW-6 at 159 ug/L, slightly over the detection limit of 150 ug/L. No VOCs or PAHs were detected in MW-6 in the March 2025 sampling.

MW-10 and MW-10R.

Wells located to the west side of High School Road include MW-10 and MW-10R.

No VOCs or PAHs were detected in these wells. ETPH concentrations were reported at 304 and 300 ug/L, respectively. Concentrations in December were 582 and 172 ug/L, respectively. These are both in the same range as the last quarterly sampling results but less than concentrations initially detected in September 2023.

Other Wells west of High School Road: MW-9, MW-15, MW-16, MW-17, MW-11

No VOCs or PAHs were detected in any of these wells. ETPH was detected in all these wells at concentrations from 159 to 221 ug/L, all were below their respective RSR criteria. MW-17 had a benzene detected in September 2024 monitoring at 1.62 ug/L but was below the laboratory detection limit in December 2024 and March 2025 sampling rounds.

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 these wells. ETPH was detected in all of those wells except MW-20 at concentrations of 178 to 215 ug/L. All are below their respective RSR criteria.

No PAHs have been detected in the monitoring well network outside of the immediate release area or in previous sampling rounds.

Recovery Wells RW-8 and RW-9 and MW-14

Concentrations of several VOCs and ETPH were detected in these Recovery Wells. No VOCs were detected in MW-14. In general VOC concentrations are lower and ETPH concentrations were slightly higher than in previous monitoring rounds. We note that some free product has recently been observed in RW-8.

In general, the concentrations of petroleum contaminants are and continue to be trending lower. The data does not suggest significant migration of the plume.

We continue to recover free product in the boiler room and outdoor release areas. This indicates the plume is hydraulically controlled.

Respectfully submitted,
TURNER ENVIRONMENTAL, LLC



David T. Turner, LEP

Attachments

Technical Report

prepared for:

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

Report Date: 06/05/2025
Client Project ID: Region 18 23-007
York Project (SDG) No.: 25E1750

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

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

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

Report Date: 06/05/2025
Client Project ID: Region 18 23-007
York Project (SDG) No.: 25E1750

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 May 28, 2025 and listed below. The project was identified as your project: **Region 18 23-007**.

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
25E1750-01	Mid Point	Waste Water	05/27/2025	05/28/2025
25E1750-02	DSN 001-1	Waste Water	05/27/2025	05/28/2025
25E1750-03	DSN 001-1	Waste Water	05/27/2025	05/28/2025

General Notes for York Project (SDG) No.: 25E1750

1. The RLs and MDLs (Reporting Limit and Method Detection Limit respectively) reported are adjusted for any dilution necessary due to the levels of target and/or non-target analytes and matrix interference. The RL(REPORTING LIMIT) is based upon the lowest standard utilized for the calibration where applicable.
2. Samples are retained for a period of thirty days after submittal of report, unless other arrangements are made.
3. York's liability for the above data is limited to the dollar value paid to York for the referenced project.
4. This report shall not be reproduced without the written approval of York Analytical Laboratories, Inc.
5. All analyses conducted met method or Laboratory SOP requirements. See the Sample and Data Qualifiers Section for further information.
6. It is noted that no analyses reported herein were subcontracted to another laboratory, unless noted in the report.
7. This report reflects results that relate only to the samples submitted on the attached chain-of-custody form(s) received by York.
8. Analyses conducted at York Analytical Laboratories, Inc. Stratford, CT are indicated by NY Cert. No. 10854, NJ Cert No. CT005, PA Cert No. 68-04440, CT Cert No. PH-0723; those conducted at York Analytical Laboratories, Inc., Richmond Hill, NY are indicated by NY Cert. No. 12058, NJ Cert No. NY037, CT Cert No. PH-0721, NH Cert No. 2097, EPA Cert No. NY01600.

Approved By: Cassie L. Mosher

Cassie L. Mosher
Laboratory Manager

Date: 06/05/2025

Sample Information

Client Sample ID: Mid Point

York Sample ID: 25E1750-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25E1750	Region 18 23-007	Waste Water	May 27, 2025 1:55 pm	05/28/2025

Volatile Organics, CT RCP List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/L	0.500	1	EPA 8260D Certifications:	05/29/2025 08 00	05/29/2025 13 15	PD CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
71-55-6	1,1,1-Trichloroethane	ND		ug/L	0.500	1	EPA 8260D Certifications:	05/29/2025 08:00	05/29/2025 13:15	PD CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
79-34-5	1,1,2,2 Tetrachloroethane	ND		ug/L	0.500	1	EPA 8260D Certifications:	05/29/2025 08:00	05/29/2025 13:15	PD CTDOH PH 0723,NELAC NY10854,NELAC NY12058,NJDEP CT
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/L	0.500	1	EPA 8260D Certifications:	05/29/2025 08:00	05/29/2025 13:15	PD CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.500	1	EPA 8260D Certifications:	05/29/2025 08:00	05/29/2025 13:15	PD CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
75-34-3	1,1-Dichloroethane	ND		ug/L	0.500	1	EPA 8260D Certifications:	05/29/2025 08:00	05/29/2025 13:15	PD CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.500	1	EPA 8260D Certifications:	05/29/2025 08:00	05/29/2025 13:15	PD CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
563-58-6	1,1-Dichloropropylene	ND		ug/L	0.500	1	EPA 8260D Certifications:	05/29/2025 08:00	05/29/2025 13:15	PD NELAC-NY10854,NELAC-NY12058,NJDEP-CT005
87-61-6	1,2,3 Trichlorobenzene	ND		ug/L	0.500	1	EPA 8260D Certifications:	05/29/2025 08:00	05/29/2025 13:15	PD NELAC NY10854,NELAC NY12058,NJDEP CT005,PADEP 68 04
96-18-4	1,2,3-Trichloropropane	ND		ug/L	0.500	1	EPA 8260D Certifications:	05/29/2025 08:00	05/29/2025 13:15	PD NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.500	1	EPA 8260D Certifications:	05/29/2025 08:00	05/29/2025 13:15	PD NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	0.500	1	EPA 8260D Certifications:	05/29/2025 08:00	05/29/2025 13:15	PD CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.500	1	EPA 8260D Certifications:	05/29/2025 08:00	05/29/2025 13:15	PD CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
106-93-4	1,2 Dibromoethane	ND		ug/L	0.500	1	EPA 8260D Certifications:	05/29/2025 08:00	05/29/2025 13:15	PD CTDOH PH 0723,NELAC NY10854,NELAC NY12058,NJDEP CT
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.500	1	EPA 8260D Certifications:	05/29/2025 08:00	05/29/2025 13:15	PD CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
107-06-2	1,2-Dichloroethane	ND		ug/L	0.500	1	EPA 8260D Certifications:	05/29/2025 08:00	05/29/2025 13:15	PD CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
78-87-5	1,2-Dichloropropane	ND		ug/L	0.500	1	EPA 8260D Certifications:	05/29/2025 08 00	05/29/2025 13 15	PD CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	0.500	1	EPA 8260D Certifications:	05/29/2025 08:00	05/29/2025 13:15	PD CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
541-73-1	1,3 Dichlorobenzene	ND		ug/L	0.500	1	EPA 8260D Certifications:	05/29/2025 08:00	05/29/2025 13:15	PD CTDOH PH 0723,NELAC NY10854,NELAC NY12058,NJDEP CT
142-28-9	1,3-Dichloropropane	ND		ug/L	0.500	1	EPA 8260D Certifications:	05/29/2025 08:00	05/29/2025 13:15	PD NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.500	1	EPA 8260D Certifications:	05/29/2025 08:00	05/29/2025 13:15	PD CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
594-20-7	2,2-Dichloropropane	ND		ug/L	0.500	1	EPA 8260D Certifications:	05/29/2025 08 00	05/29/2025 13 15	PD NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04

Sample Information

Client Sample ID: Mid Point

York Sample ID: 25E1750-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25E1750	Region 18 23-007	Waste Water	May 27, 2025 1:55 pm	05/28/2025

Volatile Organics, CT RCP List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
78-93-3	2-Butanone	ND		ug/L	0.500	1	EPA 8260D	05/29/2025 08:00	05/29/2025 13:15	PD
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
95-49-8	2-Chlorotoluene	ND		ug/L	0.500	1	EPA 8260D	05/29/2025 08 00	05/29/2025 13 15	PD
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
591-78-6	2-Hexanone	ND		ug/L	0.500	1	EPA 8260D	05/29/2025 08:00	05/29/2025 13:15	PD
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
106-43-4	4 Chlorotoluene	ND		ug/L	0.500	1	EPA 8260D	05/29/2025 08:00	05/29/2025 13:15	PD
							Certifications:	CTDOH PH 0723,NELAC NY10854,NELAC NY12058,NJDEP CT		
108-10-1	4-Methyl-2-pentanone	ND		ug/L	0.500	1	EPA 8260D	05/29/2025 08:00	05/29/2025 13:15	PD
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
67-64-1	Acetone	ND	QL-02	ug/L	2.00	1	EPA 8260D	05/29/2025 08:00	05/29/2025 13:15	PD
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
107-13-1	Acrylonitrile	ND		ug/L	0.500	1	EPA 8260D	05/29/2025 08:00	05/29/2025 13:15	PD
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
71-43-2	Benzene	ND		ug/L	0.500	1	EPA 8260D	05/29/2025 08:00	05/29/2025 13:15	PD
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-86-1	Bromobenzene	ND		ug/L	0.500	1	EPA 8260D	05/29/2025 08:00	05/29/2025 13:15	PD
							Certifications:	NELAC NY10854,NELAC NY12058,NJDEP CT005,PADEP 68 04		
74-97-5	Bromochloromethane	ND		ug/L	0.500	1	EPA 8260D	05/29/2025 08:00	05/29/2025 13:15	PD
							Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
75-27-4	Bromodichloromethane	ND		ug/L	0.500	1	EPA 8260D	05/29/2025 08:00	05/29/2025 13:15	PD
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-25-2	Bromoform	ND		ug/L	0.500	1	EPA 8260D	05/29/2025 08:00	05/29/2025 13:15	PD
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
74-83-9	Bromomethane	ND	QL-02, CCVE	ug/L	0.500	1	EPA 8260D	05/29/2025 08:00	05/29/2025 13:15	PD
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-15-0	Carbon disulfide	ND		ug/L	0.500	1	EPA 8260D	05/29/2025 08:00	05/29/2025 13:15	PD
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
56-23-5	Carbon tetrachloride	ND		ug/L	0.500	1	EPA 8260D	05/29/2025 08:00	05/29/2025 13:15	PD
							Certifications:	CTDOH PH 0723,NELAC NY10854,NELAC NY12058,NJDEP CT		
108-90-7	Chlorobenzene	ND		ug/L	0.500	1	EPA 8260D	05/29/2025 08:00	05/29/2025 13:15	PD
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-00-3	Chloroethane	ND		ug/L	0.500	1	EPA 8260D	05/29/2025 08:00	05/29/2025 13:15	PD
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
67-66-3	Chloroform	ND		ug/L	0.500	1	EPA 8260D	05/29/2025 08 00	05/29/2025 13 15	PD
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
74-87-3	Chloromethane	ND	CAL-E, CCVE	ug/L	0.500	1	EPA 8260D	05/29/2025 08:00	05/29/2025 13:15	PD
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
156-59-2	cis-1,2-Dichloroethylene	ND		ug/L	0.500	1	EPA 8260D	05/29/2025 08:00	05/29/2025 13:15	PD
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
10061-01-5	cis 1,3 Dichloropropylene	ND		ug/L	0.500	1	EPA 8260D	05/29/2025 08:00	05/29/2025 13:15	PD
							Certifications:	CTDOH PH 0723,NELAC NY10854,NELAC NY12058,NJDEP CT		
124-48-1	Dibromochloromethane	ND		ug/L	0.500	1	EPA 8260D	05/29/2025 08:00	05/29/2025 13:15	PD
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
74-95-3	Dibromomethane	ND		ug/L	0.500	1	EPA 8260D	05/29/2025 08:00	05/29/2025 13:15	PD
							Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		

Sample Information

Client Sample ID: Mid Point

York Sample ID: 25E1750-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25E1750	Region 18 23-007	Waste Water	May 27, 2025 1:55 pm	05/28/2025

Volatile Organics, CT RCP List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
75-71-8	Dichlorodifluoromethane	ND	CCVE	ug/L	0.500	1	EPA 8260D Certifications:	05/29/2025 08:00 NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	05/29/2025 13:15	PD
100-41-4	Ethyl Benzene	ND		ug/L	0.500	1	EPA 8260D Certifications:	05/29/2025 08 00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	05/29/2025 13 15	PD
87-68-3	Hexachlorobutadiene	ND		ug/L	0.500	1	EPA 8260D Certifications:	05/29/2025 08:00 NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	05/29/2025 13:15	PD
98-82-8	Isopropylbenzene	ND		ug/L	0.500	1	EPA 8260D Certifications:	05/29/2025 08:00 CTDOH PH 0723,NELAC NY10854,NELAC NY12058,NJDEP CT	05/29/2025 13:15	PD
80-62-6	Methyl Methacrylate	ND		ug/L	0.500	1	EPA 8260D Certifications:	05/29/2025 08:00 NELAC-NY10854,NELAC-NY12058,NJDEP-CT005	05/29/2025 13:15	PD
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.500	1	EPA 8260D Certifications:	05/29/2025 08:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	05/29/2025 13:15	PD
75-09-2	Methylene chloride	ND		ug/L	2.00	1	EPA 8260D Certifications:	05/29/2025 08:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	05/29/2025 13:15	PD
91-20-3	Naphthalene	ND		ug/L	2.00	1	EPA 8260D Certifications:	05/29/2025 08:00 NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	05/29/2025 13:15	PD
104-51-8	n Butylbenzene	ND		ug/L	0.500	1	EPA 8260D Certifications:	05/29/2025 08:00 CTDOH PH 0723,NELAC NY10854,NELAC NY12058,NJDEP CT	05/29/2025 13:15	PD
103-65-1	n-Propylbenzene	ND		ug/L	0.500	1	EPA 8260D Certifications:	05/29/2025 08:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	05/29/2025 13:15	PD
95-47-6	o-Xylene	ND		ug/L	0.500	1	EPA 8260D Certifications:	05/29/2025 08:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP-68-	05/29/2025 13:15	PD
179601-23-1	p- & m- Xylenes	ND		ug/L	1.00	1	EPA 8260D Certifications:	05/29/2025 08:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP-68-	05/29/2025 13:15	PD
99-87-6	p-Isopropyltoluene	ND		ug/L	0.500	1	EPA 8260D Certifications:	05/29/2025 08:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	05/29/2025 13:15	PD
135-98-8	sec Butylbenzene	ND		ug/L	0.500	1	EPA 8260D Certifications:	05/29/2025 08:00 CTDOH PH 0723,NELAC NY10854,NELAC NY12058,NJDEP CT	05/29/2025 13:15	PD
100-42-5	Styrene	ND		ug/L	0.500	1	EPA 8260D Certifications:	05/29/2025 08:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	05/29/2025 13:15	PD
98-06-6	tert-Butylbenzene	ND		ug/L	0.500	1	EPA 8260D Certifications:	05/29/2025 08:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	05/29/2025 13:15	PD
127-18-4	Tetrachloroethylene	ND	QL-02, ICVE20	ug/L	0.500	1	EPA 8260D Certifications:	05/29/2025 08 00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	05/29/2025 13 15	PD
109-99-9	Tetrahydrofuran	ND		ug/L	4.00	1	EPA 8260D Certifications:	05/29/2025 08 00	05/29/2025 13 15	PD
108-88-3	Toluene	ND		ug/L	0.500	1	EPA 8260D Certifications:	05/29/2025 08:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	05/29/2025 13:15	PD
156-60-5	trans 1,2 Dichloroethylene	ND		ug/L	0.500	1	EPA 8260D Certifications:	05/29/2025 08:00 CTDOH PH 0723,NELAC NY10854,NELAC NY12058,NJDEP CT	05/29/2025 13:15	PD
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.500	1	EPA 8260D Certifications:	05/29/2025 08:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	05/29/2025 13:15	PD
110-57-6	trans-1,4-dichloro-2-butene	ND		ug/L	0.500	1	EPA 8260D Certifications:	05/29/2025 08:00 NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	05/29/2025 13:15	PD
79-01-6	Trichloroethylene	ND		ug/L	0.500	1	EPA 8260D Certifications:	05/29/2025 08 00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	05/29/2025 13 15	PD

Sample Information

Client Sample ID: Mid Point

York Sample ID: 25E1750-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25E1750	Region 18 23-007	Waste Water	May 27, 2025 1:55 pm	05/28/2025

Volatile Organics, CT RCP List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
75-69-4	Trichlorofluoromethane	ND		ug/L	0.500	1	EPA 8260D	05/29/2025 08:00	05/29/2025 13:15	PD
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-01-4	Vinyl Chloride	ND	CAL-E	ug/L	0.500	1	EPA 8260D	05/29/2025 08 00	05/29/2025 13 15	PD
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		

	Surrogate Recoveries	Result	Acceptance Range
17060 07 0	*Surrogate: SURR: 1,2-Dichloroethane-d4*	*92.0 %*	*70-130*
2037 26 5	*Surrogate: SURR: Toluene-d8*	*99.7 %*	*70-130*
460-00-4	*Surrogate SURR p-Bromofluorobenzene*	*102 %*	*70-130*

Sample Information

Client Sample ID: DSN 001-1

York Sample ID: 25E1750-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25E1750	Region 18 23-007	Waste Water	May 27, 2025 1:40 pm	05/28/2025

Volatile Organics, CT RCP List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/L	0.500	1	EPA 8260D	05/29/2025 08:00	05/29/2025 13:43	PD
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
71-55-6	1,1,1-Trichloroethane	ND		ug/L	0.500	1	EPA 8260D	05/29/2025 08:00	05/29/2025 13:43	PD
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.500	1	EPA 8260D	05/29/2025 08 00	05/29/2025 13 43	PD
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/L	0.500	1	EPA 8260D	05/29/2025 08:00	05/29/2025 13:43	PD
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.500	1	EPA 8260D	05/29/2025 08:00	05/29/2025 13:43	PD
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-34-3	1,1 Dichloroethane	ND		ug/L	0.500	1	EPA 8260D	05/29/2025 08:00	05/29/2025 13:43	PD
							Certifications:	CTDOH PH 0723,NELAC NY10854,NELAC NY12058,NJDEP CT		
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.500	1	EPA 8260D	05/29/2025 08:00	05/29/2025 13:43	PD
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
563-58-6	1,1-Dichloropropylene	ND		ug/L	0.500	1	EPA 8260D	05/29/2025 08:00	05/29/2025 13:43	PD
							Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005		
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	0.500	1	EPA 8260D	05/29/2025 08 00	05/29/2025 13 43	PD
							Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
96-18-4	1,2,3-Trichloropropane	ND		ug/L	0.500	1	EPA 8260D	05/29/2025 08:00	05/29/2025 13:43	PD
							Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
120-82-1	1,2,4 Trichlorobenzene	ND		ug/L	0.500	1	EPA 8260D	05/29/2025 08:00	05/29/2025 13:43	PD
							Certifications:	NELAC NY10854,NELAC NY12058,NJDEP CT005,PADEP 68 04		

Sample Information

Client Sample ID: DSN 001-1 **York Sample ID:** 25E1750-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25E1750	Region 18 23-007	Waste Water	May 27, 2025 1:40 pm	05/28/2025

Volatile Organics, CT RCP List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	0.500	1	EPA 8260D	05/29/2025 08:00	05/29/2025 13:43	PD
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.500	1	EPA 8260D	05/29/2025 08 00	05/29/2025 13 43	PD
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
106-93-4	1,2-Dibromoethane	ND		ug/L	0.500	1	EPA 8260D	05/29/2025 08:00	05/29/2025 13:43	PD
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
95-50-1	1,2 Dichlorobenzene	ND		ug/L	0.500	1	EPA 8260D	05/29/2025 08:00	05/29/2025 13:43	PD
							Certifications:	CTDOH PH 0723,NELAC NY10854,NELAC NY12058,NJDEP CT		
107-06-2	1,2-Dichloroethane	ND		ug/L	0.500	1	EPA 8260D	05/29/2025 08:00	05/29/2025 13:43	PD
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
78-87-5	1,2-Dichloropropane	ND		ug/L	0.500	1	EPA 8260D	05/29/2025 08:00	05/29/2025 13:43	PD
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	0.500	1	EPA 8260D	05/29/2025 08:00	05/29/2025 13:43	PD
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.500	1	EPA 8260D	05/29/2025 08:00	05/29/2025 13:43	PD
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
142-28-9	1,3 Dichloropropane	ND		ug/L	0.500	1	EPA 8260D	05/29/2025 08:00	05/29/2025 13:43	PD
							Certifications:	NELAC NY10854,NELAC NY12058,NJDEP CT005,PADEP 68 04		
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.500	1	EPA 8260D	05/29/2025 08:00	05/29/2025 13:43	PD
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
594-20-7	2,2-Dichloropropane	ND		ug/L	0.500	1	EPA 8260D	05/29/2025 08:00	05/29/2025 13:43	PD
							Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
78-93-3	2-Butanone	ND		ug/L	0.500	1	EPA 8260D	05/29/2025 08:00	05/29/2025 13:43	PD
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
95-49-8	2-Chlorotoluene	ND		ug/L	0.500	1	EPA 8260D	05/29/2025 08:00	05/29/2025 13:43	PD
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
591-78-6	2 Hexanone	ND		ug/L	0.500	1	EPA 8260D	05/29/2025 08:00	05/29/2025 13:43	PD
							Certifications:	CTDOH PH 0723,NELAC NY10854,NELAC NY12058,NJDEP CT		
106-43-4	4-Chlorotoluene	ND		ug/L	0.500	1	EPA 8260D	05/29/2025 08:00	05/29/2025 13:43	PD
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-10-1	4-Methyl-2-pentanone	ND		ug/L	0.500	1	EPA 8260D	05/29/2025 08:00	05/29/2025 13:43	PD
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
67-64-1	Acetone	ND	QL-02	ug/L	2.00	1	EPA 8260D	05/29/2025 08 00	05/29/2025 13 43	PD
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
107-13-1	Acrylonitrile	ND		ug/L	0.500	1	EPA 8260D	05/29/2025 08:00	05/29/2025 13:43	PD
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
71-43-2	Benzene	ND		ug/L	0.500	1	EPA 8260D	05/29/2025 08:00	05/29/2025 13:43	PD
							Certifications:	CTDOH PH 0723,NELAC NY10854,NELAC NY12058,NJDEP CT		
108-86-1	Bromobenzene	ND		ug/L	0.500	1	EPA 8260D	05/29/2025 08:00	05/29/2025 13:43	PD
							Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
74-97-5	Bromochloromethane	ND		ug/L	0.500	1	EPA 8260D	05/29/2025 08:00	05/29/2025 13:43	PD
							Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
75-27-4	Bromodichloromethane	ND		ug/L	0.500	1	EPA 8260D	05/29/2025 08 00	05/29/2025 13 43	PD
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-25-2	Bromoform	ND		ug/L	0.500	1	EPA 8260D	05/29/2025 08:00	05/29/2025 13:43	PD
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		

Sample Information

Client Sample ID: DSN 001-1 **York Sample ID:** 25E1750-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25E1750	Region 18 23-007	Waste Water	May 27, 2025 1:40 pm	05/28/2025

Volatile Organics, CT RCP List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
74-83-9	Bromomethane	ND	QL-02, CCVE	ug/L	0.500	1	EPA 8260D Certifications:	05/29/2025 08:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	05/29/2025 13:43	PD
75-15-0	Carbon disulfide	ND		ug/L	0.500	1	EPA 8260D Certifications:	05/29/2025 08:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	05/29/2025 13:43	PD
56-23-5	Carbon tetrachloride	ND		ug/L	0.500	1	EPA 8260D Certifications:	05/29/2025 08 00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	05/29/2025 13 43	PD
108-90-7	Chlorobenzene	ND		ug/L	0.500	1	EPA 8260D Certifications:	05/29/2025 08:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	05/29/2025 13:43	PD
75-00-3	Chloroethane	ND		ug/L	0.500	1	EPA 8260D Certifications:	05/29/2025 08:00 CTDOH PH 0723,NELAC NY10854,NELAC NY12058,NJDEP CT	05/29/2025 13:43	PD
67-66-3	Chloroform	ND		ug/L	0.500	1	EPA 8260D Certifications:	05/29/2025 08:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	05/29/2025 13:43	PD
74-87-3	Chloromethane	ND	CAL-E, CCVE	ug/L	0.500	1	EPA 8260D Certifications:	05/29/2025 08:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	05/29/2025 13:43	PD
156-59-2	cis-1,2-Dichloroethylene	ND		ug/L	0.500	1	EPA 8260D Certifications:	05/29/2025 08:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	05/29/2025 13:43	PD
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.500	1	EPA 8260D Certifications:	05/29/2025 08:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	05/29/2025 13:43	PD
124-48-1	Dibromochloromethane	ND		ug/L	0.500	1	EPA 8260D Certifications:	05/29/2025 08:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	05/29/2025 13:43	PD
74-95-3	Dibromomethane	ND		ug/L	0.500	1	EPA 8260D Certifications:	05/29/2025 08:00 NELAC NY10854,NELAC NY12058,NJDEP CT005,PADEP 68 04	05/29/2025 13:43	PD
75-71-8	Dichlorodifluoromethane	ND	CCVE	ug/L	0.500	1	EPA 8260D Certifications:	05/29/2025 08:00 NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	05/29/2025 13:43	PD
100-41-4	Ethyl Benzene	ND		ug/L	0.500	1	EPA 8260D Certifications:	05/29/2025 08:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	05/29/2025 13:43	PD
87-68-3	Hexachlorobutadiene	ND		ug/L	0.500	1	EPA 8260D Certifications:	05/29/2025 08:00 NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	05/29/2025 13:43	PD
98-82-8	Isopropylbenzene	ND		ug/L	0.500	1	EPA 8260D Certifications:	05/29/2025 08:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	05/29/2025 13:43	PD
80-62-6	Methyl Methacrylate	ND		ug/L	0.500	1	EPA 8260D Certifications:	05/29/2025 08:00 NELAC NY10854,NELAC NY12058,NJDEP CT005	05/29/2025 13:43	PD
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.500	1	EPA 8260D Certifications:	05/29/2025 08:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	05/29/2025 13:43	PD
75-09-2	Methylene chloride	ND		ug/L	2.00	1	EPA 8260D Certifications:	05/29/2025 08:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	05/29/2025 13:43	PD
91-20-3	Naphthalene	ND		ug/L	2.00	1	EPA 8260D Certifications:	05/29/2025 08 00 NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	05/29/2025 13 43	PD
104-51-8	n-Butylbenzene	ND		ug/L	0.500	1	EPA 8260D Certifications:	05/29/2025 08:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	05/29/2025 13:43	PD
103-65-1	n Propylbenzene	ND		ug/L	0.500	1	EPA 8260D Certifications:	05/29/2025 08:00 CTDOH PH 0723,NELAC NY10854,NELAC NY12058,NJDEP CT	05/29/2025 13:43	PD
95-47-6	o-Xylene	ND		ug/L	0.500	1	EPA 8260D Certifications:	05/29/2025 08:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP-68	05/29/2025 13:43	PD
179601-23-1	p- & m- Xylenes	ND		ug/L	1.00	1	EPA 8260D Certifications:	05/29/2025 08:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP-68	05/29/2025 13:43	PD

Sample Information

Client Sample ID: DSN 001-1 **York Sample ID:** 25E1750-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25E1750	Region 18 23-007	Waste Water	May 27, 2025 1:40 pm	05/28/2025

Volatile Organics, CT RCP List

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

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
99-87-6	p-Isopropyltoluene	ND		ug/L	0.500	1	EPA 8260D Certifications:	05/29/2025 08:00	05/29/2025 13:43	PD CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
135-98-8	sec-Butylbenzene	ND		ug/L	0.500	1	EPA 8260D Certifications:	05/29/2025 08 00	05/29/2025 13 43	PD CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
100-42-5	Styrene	ND		ug/L	0.500	1	EPA 8260D Certifications:	05/29/2025 08:00	05/29/2025 13:43	PD CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
98-06-6	tert Butylbenzene	ND		ug/L	0.500	1	EPA 8260D Certifications:	05/29/2025 08:00	05/29/2025 13:43	PD CTDOH PH 0723,NELAC NY10854,NELAC NY12058,NJDEP CT
127-18-4	Tetrachloroethylene	ND	QL-02, ICVE20	ug/L	0.500	1	EPA 8260D Certifications:	05/29/2025 08:00	05/29/2025 13:43	PD CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
109-99-9	Tetrahydrofuran	ND		ug/L	4.00	1	EPA 8260D Certifications:	05/29/2025 08:00	05/29/2025 13:43	PD
108-88-3	Toluene	ND		ug/L	0.500	1	EPA 8260D Certifications:	05/29/2025 08:00	05/29/2025 13:43	PD CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.500	1	EPA 8260D Certifications:	05/29/2025 08:00	05/29/2025 13:43	PD CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.500	1	EPA 8260D Certifications:	05/29/2025 08:00	05/29/2025 13:43	PD CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
110-57-6	trans 1,4 dichloro 2 butene	ND		ug/L	0.500	1	EPA 8260D Certifications:	05/29/2025 08:00	05/29/2025 13:43	PD NELAC NY10854,NELAC NY12058,NJDEP CT005,PADEP 68 04
79-01-6	Trichloroethylene	ND		ug/L	0.500	1	EPA 8260D Certifications:	05/29/2025 08:00	05/29/2025 13:43	PD CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
75-69-4	Trichlorofluoromethane	ND		ug/L	0.500	1	EPA 8260D Certifications:	05/29/2025 08:00	05/29/2025 13:43	PD CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
75-01-4	Vinyl Chloride	ND	CAL-E	ug/L	0.500	1	EPA 8260D Certifications:	05/29/2025 08:00	05/29/2025 13:43	PD CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT

	Surrogate Recoveries	Result	Acceptance Range
17060 07 0	*Surrogate: SURR: 1,2-Dichloroethane-d4*	*93.9 %*	*70-130*
2037 26 5	*Surrogate: SURR: Toluene-d8*	*98.7 %*	*70-130*
460-00-4	*Surrogate SURR p-Bromofluorobenzene*	*101 %*	*70-130*

Semi-Volatiles, CT RCP Scan PAH List

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

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
91-57-6	2 Methylnaphthalene	ND		ug/L	5.00	1	EPA 8270D Certifications:	06/03/2025 08:38	06/04/2025 11:03	SS CTDOH PH 0723,NELAC NY10854,NJDEP CT005

	Surrogate Recoveries	Result	Acceptance Range
4165-60-0	*Surrogate: SURR: Nitrobenzene-d5*	*66.7 %*	*30-130*
321-60-8	*Surrogate: SURR: 2-Fluorobiphenyl*	*76.8 %*	*30-130*
1718-51-0	*Surrogate: SURR: Terphenyl-d14*	*69.2 %*	*30-130*

Semi-volatiles, CT RCP PAH List

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

Sample Information

Client Sample ID: DSN 001-1 **York Sample ID:** 25E1750-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25E1750	Region 18 23-007	Waste Water	May 27, 2025 1:40 pm	05/28/2025

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
83-32-9	Acenaphthene	ND		ug/L	0.0500	1	EPA 8270D SIM Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005	05/29/2025 10:14	06/05/2025 13:45	AAK
208-96-8	Acenaphthylene	ND		ug/L	0.0500	1	EPA 8270D SIM Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005	05/29/2025 10:14	06/05/2025 13:45	AAK
120-12-7	Anthracene	ND		ug/L	0.0500	1	EPA 8270D SIM Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005	05/29/2025 10:14	06/05/2025 13:45	AAK
56-55-3	Benzo(a)anthracene	ND		ug/L	0.0500	1	EPA 8270D SIM Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005	05/29/2025 10:14	06/05/2025 13:45	AAK
50-32-8	Benzo(a)pyrene	ND		ug/L	0.0500	1	EPA 8270D SIM Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005	05/29/2025 10:14	06/05/2025 13:45	AAK
205-99-2	Benzo(b)fluoranthene	ND		ug/L	0.0500	1	EPA 8270D SIM Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005	05/29/2025 10:14	06/05/2025 13:45	AAK
191-24-2	Benzo(g,h,i)perylene	ND		ug/L	0.0500	1	EPA 8270D SIM Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005	05/29/2025 10:14	06/05/2025 13:45	AAK
207-08-9	Benzo(k)fluoranthene	ND		ug/L	0.0500	1	EPA 8270D SIM Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005	05/29/2025 10:14	06/05/2025 13:45	AAK
218-01-9	Chrysene	ND		ug/L	0.0500	1	EPA 8270D SIM Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005	05/29/2025 10:14	06/05/2025 13:45	AAK
53-70-3	Dibenzo(a,h)anthracene	ND		ug/L	0.0500	1	EPA 8270D SIM Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005	05/29/2025 10:14	06/05/2025 13:45	AAK
206-44-0	Fluoranthene	ND		ug/L	0.0500	1	EPA 8270D SIM Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005	05/29/2025 10:14	06/05/2025 13:45	AAK
86-73-7	Fluorene	ND		ug/L	0.0500	1	EPA 8270D SIM Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005	05/29/2025 10:14	06/05/2025 13:45	AAK
193-39-5	Indeno(1,2,3-cd)pyrene	ND		ug/L	0.0500	1	EPA 8270D SIM Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005	05/29/2025 10:14	06/05/2025 13:45	AAK
91-20-3	Naphthalene	ND		ug/L	0.0500	1	EPA 8270D SIM Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005	05/29/2025 10:14	06/05/2025 13:45	AAK
85-01-8	Phenanthrene	ND		ug/L	0.0500	1	EPA 8270D SIM Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005	05/29/2025 10:14	06/05/2025 13:45	AAK
129-00-0	Pyrene	ND		ug/L	0.0500	1	EPA 8270D SIM Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005	05/29/2025 10:14	06/05/2025 13:45	AAK

Extractable Total Petroleum Hydrocarbons (ETPH)

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
CT ETPH	ETPH (Extractable Total Petroleum Hydrocarbons)	ND		mg/L	0.150	1	CT DEP ETPH Certifications: CTDOH-PH-0723	06/03/2025 08 47	06/04/2025 00 54	GXB

Surrogate Recoveries	Result	Acceptance Range
3386-33-2 *Surrogate: 1-Chlorooctadecane*	*73.6 %*	*30-140*

pH

Log-in Notes:

Sample Notes:

Sample Prepared by Method: Analysis Preparation

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

Sample Information

Client Sample ID: DSN 001-1 **York Sample ID:** 25E1750-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25E1750	Region 18 23-007	Waste Water	May 27, 2025 1:40 pm	05/28/2025

pH

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

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
pH	pH	7.71	HT-pH	pH units	0.500	1	SM 4500 HB	06/02/2025 10 32	06/02/2025 13 23	BF
							Certifications: CTDOH-PH-0723			

Total Settleable Solids

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

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
TSS	Total Settleable Solids	ND		mL/L	0.100	1	SM 2540F-2015	05/28/2025 19:09	05/28/2025 19:09	SL
							Certifications: NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			

Sample Information

Client Sample ID: DSN 001-1 **York Sample ID:** 25E1750-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25E1750	Region 18 23-007	Waste Water	May 27, 2025 1:50 pm	05/28/2025

pH

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

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
pH	pH	6.64	HT pH	pH units	0.500	1	SM 4500 HB	06/04/2025 16:56	06/04/2025 17:15	sml
							Certifications: CTDOH-PH-0723			

Total Suspended Solids

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

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
TSS	Total Suspended Solids	ND		mg/L	0.916	1	SM 2540D-2015	05/29/2025 06 17	05/29/2025 14 04	SMM
							Certifications: NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044			

Analytical Batch Summary

Batch ID: BE52158 **Preparation Method:** Analysis Preparation **Prepared By:** SL

YORK Sample ID	Client Sample ID	Preparation Date
25E1750-02	DSN 001-1	05/28/25
BE52158-BLK1	Blank	05/28/25

Batch ID: BE52160 **Preparation Method:** % Solids Prep **Prepared By:** SMM

YORK Sample ID	Client Sample ID	Preparation Date
25E1750-03	DSN 001-1	05/29/25
BE52160-BLK1	Blank	05/29/25

Batch ID: BE52199 **Preparation Method:** EPA 5030B **Prepared By:** PD

YORK Sample ID	Client Sample ID	Preparation Date
25E1750-01	Mid Point	05/29/25
25E1750-02	DSN 001-1	05/29/25
BE52199-BLK1	Blank	05/29/25
BE52199-BS1	LCS	05/29/25

Batch ID: BF50054 **Preparation Method:** Analysis Preparation **Prepared By:** BNF

YORK Sample ID	Client Sample ID	Preparation Date
25E1750-02	DSN 001-1	06/02/25

Batch ID: BF50123 **Preparation Method:** EPA 3510C **Prepared By:** NERP

YORK Sample ID	Client Sample ID	Preparation Date
25E1750-02	DSN 001-1	06/03/25
BF50123-BLK1	Blank	06/03/25
BF50123-BS1	LCS	06/03/25
BF50123-BSD1	LCS Dup	06/03/25

Batch ID: BF50126 **Preparation Method:** EPA 3510C **Prepared By:** NERP

YORK Sample ID	Client Sample ID	Preparation Date
25E1750-02	DSN 001-1	05/29/25

Batch ID: BF50128 **Preparation Method:** EPA 3510C **Prepared By:** NERP

YORK Sample ID	Client Sample ID	Preparation Date
25E1750-02	DSN 001-1	06/03/25
BF50128-BLK1	Blank	06/03/25
BF50128-BS1	LCS	06/03/25

BF50128-BSD1	LCS Dup	06/03/25

Batch ID: BF50289 **Preparation Method:** Analysis Preparation **Prepared By:** SL

YORK Sample ID	Client Sample ID	Preparation Date
25E1750-03	DSN 001-1	06/04/25

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BE52199 - EPA 5030B											
Blank (BE52199-BLK1)											Prepared & Analyzed: 05/29/2025
1,1,1,2-Tetrachloroethane	ND	0 500	ug/L								
1,1,1-Trichloroethane	ND	0.500	"								
1,1,2,2-Tetrachloroethane	ND	0.500	"								
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	0.500	"								
1,1,2-Trichloroethane	ND	0.500	"								
1,1-Dichloroethane	ND	0.500	"								
1,1-Dichloroethylene	ND	0.500	"								
1,1-Dichloropropylene	ND	0.500	"								
1,2,3-Trichlorobenzene	ND	0.500	"								
1,2,3-Trichloropropane	ND	0.500	"								
1,2,4-Trichlorobenzene	ND	0.500	"								
1,2,4-Trimethylbenzene	ND	0.500	"								
1,2-Dibromo-3-chloropropane	ND	0.500	"								
1,2-Dibromoethane	ND	0.500	"								
1,2-Dichlorobenzene	ND	0.500	"								
1,2-Dichloroethane	ND	0.500	"								
1,2-Dichloropropane	ND	0.500	"								
1,3,5-Trimethylbenzene	ND	0.500	"								
1,3-Dichlorobenzene	ND	0.500	"								
1,3-Dichloropropane	ND	0.500	"								
1,4-Dichlorobenzene	ND	0.500	"								
2,2-Dichloropropane	ND	0.500	"								
2-Butanone	ND	0.500	"								
2-Chlorotoluene	ND	0.500	"								
2-Hexanone	ND	0.500	"								
4-Chlorotoluene	ND	0.500	"								
4-Methyl-2-pentanone	ND	0.500	"								
Acetone	ND	2.00	"								
Acrylonitrile	ND	0.500	"								
Benzene	ND	0.500	"								
Bromobenzene	ND	0.500	"								
Bromochloromethane	ND	0.500	"								
Bromodichloromethane	ND	0.500	"								
Bromoform	ND	0.500	"								
Bromomethane	ND	0.500	"								
Carbon disulfide	ND	0.500	"								
Carbon tetrachloride	ND	0.500	"								
Chlorobenzene	ND	0.500	"								
Chloroethane	ND	0.500	"								
Chloroform	ND	0.500	"								
Chloromethane	ND	0.500	"								
cis-1,2-Dichloroethylene	ND	0.500	"								
cis-1,3-Dichloropropylene	ND	0.500	"								
Dibromochloromethane	ND	0.500	"								
Dibromomethane	ND	0.500	"								
Dichlorodifluoromethane	ND	0.500	"								
Ethyl Benzene	ND	0.500	"								
Hexachlorobutadiene	ND	0.500	"								
Isopropylbenzene	ND	0.500	"								

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BE52199 - EPA 5030B											
Blank (BE52199-BLK1)									Prepared & Analyzed: 05/29/2025		
Methyl Methacrylate	ND	0 500	ug/L								
Methyl tert-butyl ether (MTBE)	ND	0.500	"								
Methylene chloride	ND	2.00	"								
Naphthalene	ND	2.00	"								
n Butylbenzene	ND	0.500	"								
n-Propylbenzene	ND	0 500	"								
o-Xylene	ND	0.500	"								
p- & m- Xylenes	ND	1.00	"								
p-Isopropyltoluene	ND	0.500	"								
sec-Butylbenzene	ND	0.500	"								
Styrene	ND	0.500	"								
tert-Butylbenzene	ND	0.500	"								
Tetrachloroethylene	ND	0.500	"								
Tetrahydrofuran	ND	4.00	"								
Toluene	ND	0.500	"								
trans-1,2-Dichloroethylene	ND	0.500	"								
trans-1,3-Dichloropropylene	ND	0.500	"								
trans-1,4-dichloro-2-butene	ND	0.500	"								
Trichloroethylene	ND	0.500	"								
Trichlorofluoromethane	ND	0.500	"								
Vinyl Chloride	ND	0.500	"								
Surrogate: SURR: 1,2-Dichloroethane-d4	*9.52*		"	*10.0*		*95.2*	*70-130*				
Surrogate: SURR: Toluene-d8	*9.94*		"	*10.0*		*99.4*	*70-130*				
Surrogate: SURR: p-Bromofluorobenzene	*10.5*		"	*10.0*		*105*	*70-130*				
LCS (BE52199-BS1)									Prepared & Analyzed: 05/29/2025		
1,1,1,2-Tetrachloroethane	8.71		ug/L	10.0		87.1	70-130				
1,1,1-Trichloroethane	9.78		"	10.0		97.8	70-130				
1,1,2,2-Tetrachloroethane	9.69		"	10.0		96.9	70-130				
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	11.7		"	10.0		117	70-130				
1,1,2-Trichloroethane	8.77		"	10.0		87.7	70-130				
1,1-Dichloroethane	9.50		"	10.0		95.0	70-130				
1,1-Dichloroethylene	11.7		"	10.0		117	70-130				
1,1-Dichloropropylene	9.62		"	10.0		96.2	70-130				
1,2,3-Trichlorobenzene	9.35		"	10.0		93.5	70-130				
1,2,3-Trichloropropane	9.31		"	10.0		93.1	70-130				
1,2,4-Trichlorobenzene	9.62		"	10.0		96.2	70-130				
1,2,4-Trimethylbenzene	10.3		"	10.0		103	70-130				
1,2-Dibromo-3-chloropropane	8.88		"	10.0		88.8	70-130				
1,2-Dibromoethane	9.09		"	10.0		90.9	70-130				
1,2-Dichlorobenzene	9.48		"	10.0		94.8	70-130				
1,2-Dichloroethane	9.44		"	10.0		94.4	70-130				
1,2-Dichloropropane	9.17		"	10.0		91.7	70-130				
1,3,5-Trimethylbenzene	10.1		"	10.0		101	70-130				
1,3-Dichlorobenzene	9.53		"	10.0		95.3	70-130				
1,3-Dichloropropane	8.90		"	10.0		89.0	70-130				
1,4-Dichlorobenzene	9.50		"	10.0		95.0	70-130				
2,2-Dichloropropane	10.1		"	10.0		101	70-130				
2-Butanone	8.68		"	10.0		86.8	70-130				
2-Chlorotoluene	10.2		"	10.0		102	70-130				

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BE52199 - EPA 5030B											
LCS (BE52199-BS1)								Prepared & Analyzed: 05/29/2025			
2-Hexanone	7 66		ug/L	10 0		76 6	70 130				
4-Chlorotoluene	9.93		"	10.0		99.3	70-130				
4-Methyl-2-pentanone	8.71		"	10.0		87.1	70-130				
Acetone	6.72		"	10.0		67.2	70-130	Low Bias			
Acrylonitrile	9.50		"	10.0		95.0	70-130				
Benzene	9.93		"	10.0		99.3	70-130				
Bromobenzene	9.56		"	10.0		95.6	70-130				
Bromochloromethane	9.65		"	10.0		96.5	70-130				
Bromodichloromethane	8.56		"	10.0		85.6	70-130				
Bromoform	8.55		"	10.0		85.5	70-130				
Bromomethane	3.57		"	10.0		35.7	70-130	Low Bias			
Carbon disulfide	11.6		"	10.0		116	70-130				
Carbon tetrachloride	9.48		"	10.0		94.8	70-130				
Chlorobenzene	9.40		"	10.0		94.0	70-130				
Chloroethane	12.8		"	10.0		128	70-130				
Chloroform	9.52		"	10.0		95.2	70-130				
Chloromethane	8.35		"	10.0		83.5	70-130				
cis-1,2-Dichloroethylene	9.62		"	10.0		96.2	70-130				
cis-1,3-Dichloropropylene	8.97		"	10.0		89.7	70-130				
Dibromochloromethane	8.84		"	10.0		88.4	70-130				
Dibromomethane	8.89		"	10.0		88.9	70-130				
Dichlorodifluoromethane	16.0		"	10.0		160	70-130	High Bias			
Ethyl Benzene	9.71		"	10.0		97.1	70-130				
Hexachlorobutadiene	9.36		"	10.0		93.6	70-130				
Isopropylbenzene	9.80		"	10.0		98.0	70-130				
Methyl Methacrylate	9.34		"	10.0		93.4	70-130				
Methyl tert-butyl ether (MTBE)	10.2		"	10.0		102	70-130				
Methylene chloride	14.9		"	10.0		149	70-130	High Bias			
Naphthalene	10.1		"	10.0		101	70-130				
n-Butylbenzene	10.4		"	10.0		104	70-130				
n-Propylbenzene	10.0		"	10.0		100	70-130				
o-Xylene	9.66		"	10.0		96.6	70-130				
p- & m- Xylenes	20.4		"	20.0		102	70-130				
p-Isopropyltoluene	10.2		"	10.0		102	70-130				
sec-Butylbenzene	10.2		"	10.0		102	70-130				
Styrene	9.12		"	10.0		91.2	70-130				
tert-Butylbenzene	8.79		"	10.0		87.9	70-130				
Tetrachloroethylene	6.75		"	10.0		67.5	70-130	Low Bias			
Tetrahydrofuran	9.18		"	10.0		91.8	70-130				
Toluene	9.45		"	10.0		94.5	70-130				
trans-1,2-Dichloroethylene	11.2		"	10.0		112	70-130				
trans-1,3-Dichloropropylene	8.97		"	10.0		89.7	70-130				
trans-1,4-dichloro-2-butene	10.8		"	10.0		108	70-130				
Trichloroethylene	8.98		"	10.0		89.8	70-130				
Trichlorofluoromethane	12.0		"	10.0		120	70-130				
Vinyl Chloride	14.0		"	10.0		140	70-130	High Bias			
Surrogate: SURR: 1,2-Dichloroethane-d4	*9.58*		*"*	*10.0*		*95.8*	*70-130*				
Surrogate: SURR: Toluene-d8	*9.57*		*"*	*10.0*		*95.7*	*70-130*				
Surrogate: SURR: p-Bromofluorobenzene	*10.0*		*"*	*10.0*		*100*	*70-130*				

Semivolatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BF50123 - EPA 3510C											
Blank (BF50123-BLK1)								Prepared & Analyzed: 06/03/2025			
2-Methylnaphthalene	ND	5 00	ug/L								
Surrogate: SURR: Nitrobenzene-d5	*18.6*		"	*25.0*		*74.4*	*30-130*				
Surrogate: SURR: 2-Fluorobiphenyl	*18.0*		"	*25.0*		*71.9*	*30-130*				
Surrogate: SURR: Terphenyl-d14	*27.0*		"	*25.0*		*108*	*30-130*				
LCS (BF50123-BS1)								Prepared & Analyzed: 06/03/2025			
2-Methylnaphthalene	15.5	5.00	ug/L	25.0		62.1	40-140				
Surrogate: SURR: Nitrobenzene-d5	*17.4*		"	*25.0*		*69.8*	*30-130*				
Surrogate: SURR: 2-Fluorobiphenyl	*17.4*		"	*25.0*		*69.5*	*30-130*				
Surrogate: SURR: Terphenyl-d14	*23.4*		"	*25.0*		*93.6*	*30-130*				
LCS Dup (BF50123-BSD1)								Prepared & Analyzed: 06/03/2025			
2-Methylnaphthalene	14.1	5.00	ug/L	25.0		56.6	40-140		9.37	20	
Surrogate: SURR: Nitrobenzene-d5	*16.2*		"	*25.0*		*64.7*	*30-130*				
Surrogate: SURR: 2-Fluorobiphenyl	*15.5*		"	*25.0*		*61.9*	*30-130*				
Surrogate: SURR: Terphenyl-d14	*20.8*		"	*25.0*		*83.3*	*30-130*				

Gas Chromatography/Flame Ionization Detector - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BF50128 - EPA 3510C											
Blank (BF50128-BLK1)								Prepared & Analyzed: 06/03/2025			
ETPH (Extractable Total Petroleum Hydrocarbons)	ND	0 150	mg/L								
Surrogate: 1-Chlorooctadecane	*0.0824*		"	*0.100*		*82.4*	*30-140*				
LCS (BF50128-BS1)								Prepared & Analyzed: 06/03/2025			
ETPH (Extractable Total Petroleum Hydrocarbons)	0.701	0.150	mg/L	0.750		93.5	60-120				
Surrogate: 1-Chlorooctadecane	*0.0825*		"	*0.100*		*82.5*	*30-140*				
LCS Dup (BF50128-BSD1)								Prepared: 06/03/2025 Analyzed: 06/04/2025			
ETPH (Extractable Total Petroleum Hydrocarbons)	0.649	0.150	mg/L	0.750		86.5	60-120		7.77	30	
Surrogate: 1-Chlorooctadecane	*0.0715*		"	*0.100*		*71.5*	*30-140*				

Miscellaneous Physical Parameters - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BE52158 - Analysis Preparation											
Blank (BE52158-BLK1)									Prepared & Analyzed: 05/28/2025		
Total Settleable Solids	ND	0 100	mL/L								
Batch BE52160 - % Solids Prep											
Blank (BE52160-BLK1)									Prepared & Analyzed: 05/29/2025		
Total Suspended Solids	ND	1.00	mg/L								

Volatile Analysis Sample Containers

Lab ID	Client Sample ID	Volatile Sample Container
25E1750-01	Mid Point	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C
25E1750-02	DSN 001-1	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C

Sample and Data Qualifiers Relating to This Work Order

QL-02	This LCS analyte is outside Laboratory Recovery limits due the analyte behavior using the referenced method. The reference method has certain limitations with respect to analytes of this nature.
ICVE20	The value reported is ESTIMATED. The value is estimated due to its behavior during initial calibration verification (recovery exceeded 20% of expected value).
HT-pH	HOLDING TIME EXCEEDED. Samples for pH must be measured in the field or within 15 minutes of sample collection.
CCVE	The value reported is ESTIMATED The value is estimated due to its behavior during continuing calibration verification (20% Difference for average Rf or >20% Drift for quadratic fit).
CAL-E	The value reported is ESTIMATED. The value is estimated due to its behavior during initial calibration (average Rf>20%)

Definitions and Other Explanations

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

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

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

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

Certification for pH is no longer offered by NYDOH ELAP.

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

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

Field Chain-of-Custody Record

YORK ANALYTICAL LABORATORIES INC

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

120 Research Drive Stratford, CT 06615 132-02 89th Ave Queens, NY 11418 56 Church Hill Rd. #2 Newtown, CT 06470 2161 Whitesville Rd Toms River, NJ 08755 clientservices@yorklab.com 800-306-YORK

YORK Project Number: 25E1750

Page _____ of _____

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

YOUR Project Name / Number: Region 18 23-007

PO Number: 23-007

Samples Collected From: NY ☐ NJ ☐ CT ☒ PA ☐ Other: (please specify)

Turn-Around Time

- RUSH - Next Day ☐
- RUSH - Two Day ☐
- RUSH - Three Day ☐
- RUSH - Four Day ☐
- RUSH - Five Day ☐
- Standard (6-9 Day) ☒
- PFAS Standard 7-10 Day ☐

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

David T. Turner

Samples Collected by: (print AND sign your name)

Matrix Codes: S - soil/solid/sludge; GW - groundwater; DW - drinking water; SW - surface water; WW - wastewater; O - Oil; Other

Preservative (please list number of containers)

Analyses Requested

Sample Identification	Date	Time	Matrix	Unpreserved	HCl (hydrochloric acid)	MeOH (methanol)	HNO_3 (nitric acid)	H_2SO_4 (sulfuric acid)	NaOH (sodium hydroxide)	$Na_2S_2O_3$ (sodium thio.)	Trizma	Ammonium Acetate	Other:	TSS	T Settleable Solids	VOCs 8260	RPHs	EtPH	pH	Grab or Comp.	G/C
Mid Point	5/27	13:55	WW		3											X					
DSN 001-1	5/27	13:40	WW	5	3								DT	X	X	X	X	X	X		
DSN 001-1	5/27	13:50	WW	1										X					X		

Report Type (circle)
- QA Report
- Summary (Results Only)
- NY ASP B Package
- NJ Reduced
- NJ DKQP
- NJ Full
- CT RCP

EDD Type (circle)
- EQuIS (standard)
- NYSDEC EQuIS
- NJDEP SRP Haz Site
- Standard Excel
- CMDP
- Other:

Regulatory Comparative

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

- Field Filtered ☐
- Lab Filtered ☐

Comments:

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

Lab Sample Receiving Checklist (to be completed by the receiving laboratory only) Circle Y / N

Custody Seals: Y / N Containers Intact: Y / N COC/Labels Agree: Y / N Preservation Confirmed: Y / N
COC Complete: Y / N COC Received: Y / N Appropriate Sample Volumes: Y / N Appropriate Sample Containers: Y / N
Cooler Temperature Confirmed: Y / N Samples Submitted within Holding Times: Y / N Corrective Action Form Required: Y / N

1. Samples Relinquished by / Company	Date/Time	1. Samples Received by / Company	Date/Time	2. Samples Relinquished by / Company	Date/Time
Turner	5/28/25 8:35		5/28/25 1445		5/28/25 1611
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
					5/28/25 16:10 / 2.4 Degrees C