

**Annual Sampling Report**

**FORMER ROXY CLEANERS SITE**

**156 Delaware Avenue  
Delmar, NY 12054**

**NYSDEC SITE NO.: 401058**



**PREPARED FOR:**

A & R De Thomasis Co.  
One Rapp Road  
Albany, New York 12203

**PREPARED BY:**

HENNESSY ENGINEERING &  
CONSULTING  
P.O. BOX 118  
VOORHEESVILLE, NY 12186

**Sample Date: October 16, 2025**

This Annual Sampling Report provides the results of periodic groundwater sampling at the Former Roxy Cleaners Inactive Hazardous Waste Disposal Site.

## 1.0 Background

The Former Roxy Cleaners site is located at 156 Delaware Avenue in the town of Bethlehem, Albany County, NY. It is located in a commercial portion of the Town approximately 1 mile south of the City of Albany. Figure 1 provides additional information on general site location. Roxy Cleaners dry cleaning facility operated for many decades where dry cleaning activities occurred on-site. Dry cleaning activities are no longer conducted on the premises. Currently, the site consists of a gravel parking area and a two-story building.

The retail dry cleaning operations reportedly resulted in contamination of soil and groundwater due to tetrachloroethylene (PCE), trichloroethylene (TCE), dichloroethylene (DCE), and vinyl chloride. According to the Final Engineering report prepared by CDM Smith, after site planning, investigation and design:

- the former Roxy Dry cleaner building was razed in December, 2014
- soil excavation/removal was completed in 2016.
- After soil removal, in-situ chemical oxidation was deployed in the excavation and backfill.
- Groundwater monitoring wells were installed/maintained.
- A subslab depressurization system (SSDS) was installed at the rear of the 154 Delaware building.

For reference purposes only, select Figures from the Final Engineering Report and Site Management Plan prepared by CDM Smith are attached in report Figures.

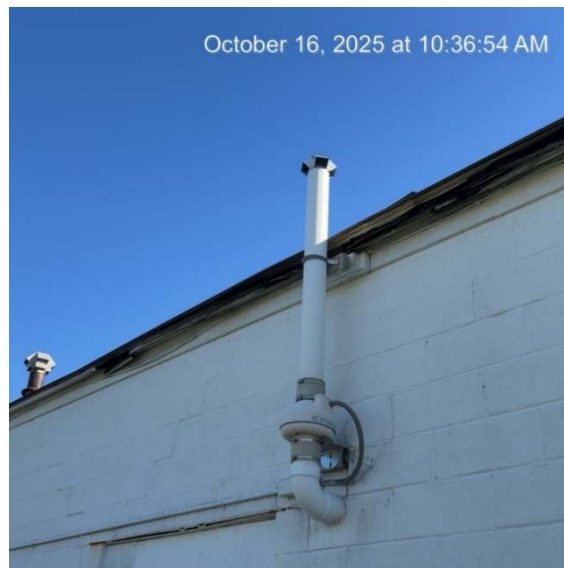
## 2.0 Site Monitoring

The following were provided to evaluate the performance and effectiveness of the remedy:

- SSDS to control concentrations of Site contaminants in indoor air;
- Groundwater testing to review for residual contamination.

### *SSDS Monitoring*

This task included general system review of the blower and piping in the building. William Hennessy visited the site October 16 and December 3, 2025 to inspect. The manometer read 1.8" WC,



thus documenting negative pressure exists under the slab inhibiting any residual vapors from migrating into the above grade building. Per Section 5.3.3 and 5.3.4 of the SMP, a reading above 0 inches WC is required.

The inline fan was not measured because an access port was not observed and the manometer reading on the pipe was assumed to be adequate at this time. Also, Section 5.3.2 bullet three of the SMP implies this can be done with the manometer.



The site was temporarily occupied by Luizzi Construction during November and December. It was only used for staging construction materials for a project on Delaware Avenue. It appears the surface was not breached and this industrial use is consistent with the approved site restrictions.

#### *Groundwater Monitoring*

Groundwater monitoring included monitoring well inspection and groundwater sampling to monitor levels of chlorinated VOCs and track effectiveness of the Daramend application. Initially in 2019, this monitoring was completed bi-annually (approximately every 6 months) per the Site Management Plan. The Department, however, approved future annual (every 12 months) sampling instead of bi-annual per letter of February 11, 2022.

Sampling for this period was completed on October 16, 2025 by Angstrom Environmental, Earth & Building Sciences, LLC, East Greenbush, NY. Groundwater elevations are included in both the table below and Fig. 4 Site Plan/GW Contours. No problems or issues with the wells were reported. Appendix A contains these Field Data Sheets:

- Field Data Log Sheet
- Well Gauging Data Sheet
- PID Instrument Calibration Log
- Synoptic Water Level Measurements
- MW Inspection and Purge Logs

In all monitoring wells other MW-2DR, groundwater elevations were back up to normal levels from last year. The lower groundwater elevations of 2024 were likely due to the well-documented dry weather occurring locally during the fall.

Phoenix Environmental Laboratories, Inc. (Phoenix) provided laboratory services. (Phoenix ID: CN06061). This included QA/QC items such as Duplicate, Field and Trip Blank samples, as well as Matrix Spike and MSD. The DUSR, completed by Alpha Geoscience, is in Appendix B and includes the lab report. No data were flagged as rejected therefore data are considered usable.

Per the table below, constituents of concern (COCs), including PCE and its daughter compounds, were found in site monitoring wells. A Groundwater interpretation map and Contamination interpretation map are provided in the Figures.

Inside the easement/treatment area (MW2R and 2DR), results have historically been low or ND (No detection above the Method Detection Limit). During this sampling period, contaminant levels included minor quantities of tetrachloroethylene and trichloroethene in deep well 2DR.

Outside the easement and downstream, contaminant levels remained mostly constant and some trended downward in comparison from the prior sampling period. Of note, PCE was detected at 2,000 µg/L in MW-1, while detected at 4,700 µg/L last year. PCE trended downward in the remaining monitoring wells as well.

**2025**

Sampling Subcontractor: Angstrom Environmental

Analytical Laboratory: Phoenix Environmental Laboratories

**10/16/2025**

**MONITORING WELLS (µg/L)**

	<b>2R</b>	<b>2DR</b>	<b>1</b>	<b>3</b>	<b>4</b>	<b>5</b>	<b>6</b>	<b>MW 1 Dup</b>
cis-DCE	ND	0.5	1500	540	ND	180	43	1300
TCE	ND	0.29	930	58	ND	14	9.2	810
PCE	ND	ND	2,000	59	ND	11	21	2,000
V. Chloride	ND	ND	150	95	ND	44	8.6	120
Total CoCs		3.39	4,241	759.8	0	251.46	8.6	4,230
GW Elev. <sup>1</sup>	202.61	194.76	199.9	199.25	200.60	199.42	200.29	

GW Elev.<sup>1</sup> Groundwater Elevation in feet above mean sea level

*Downgradient Considerations*

In consideration of fluctuating contaminant levels downgradient of the remedy, Figure 4-2 from the Final Engineering Report by CDM Smith was added to the Figures for this report. It provides estimated areas of contamination left behind from the remedial action. This estimated area was also superimposed on our Contaminants Concentration Figure. The high concentrations currently in MW-1, as well as detections downstream in Monitoring Wells 3, 5, and 6 can be expected based on this information.

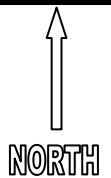
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## FIGURES



**Hennessy  
Engineering & Consulting**  
P.O. Box 118  
Voorheesville, NY 12186

**Figure 1 - USGS Map**  
156 Delaware Avenue  
Town of Bethlehem Albany County, New York  
Source: USGS Scale: none





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P.O. Box 118  
Voorheesville, NY 12186

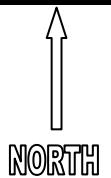
**Figure 2 – Aerial/Parcel Map**

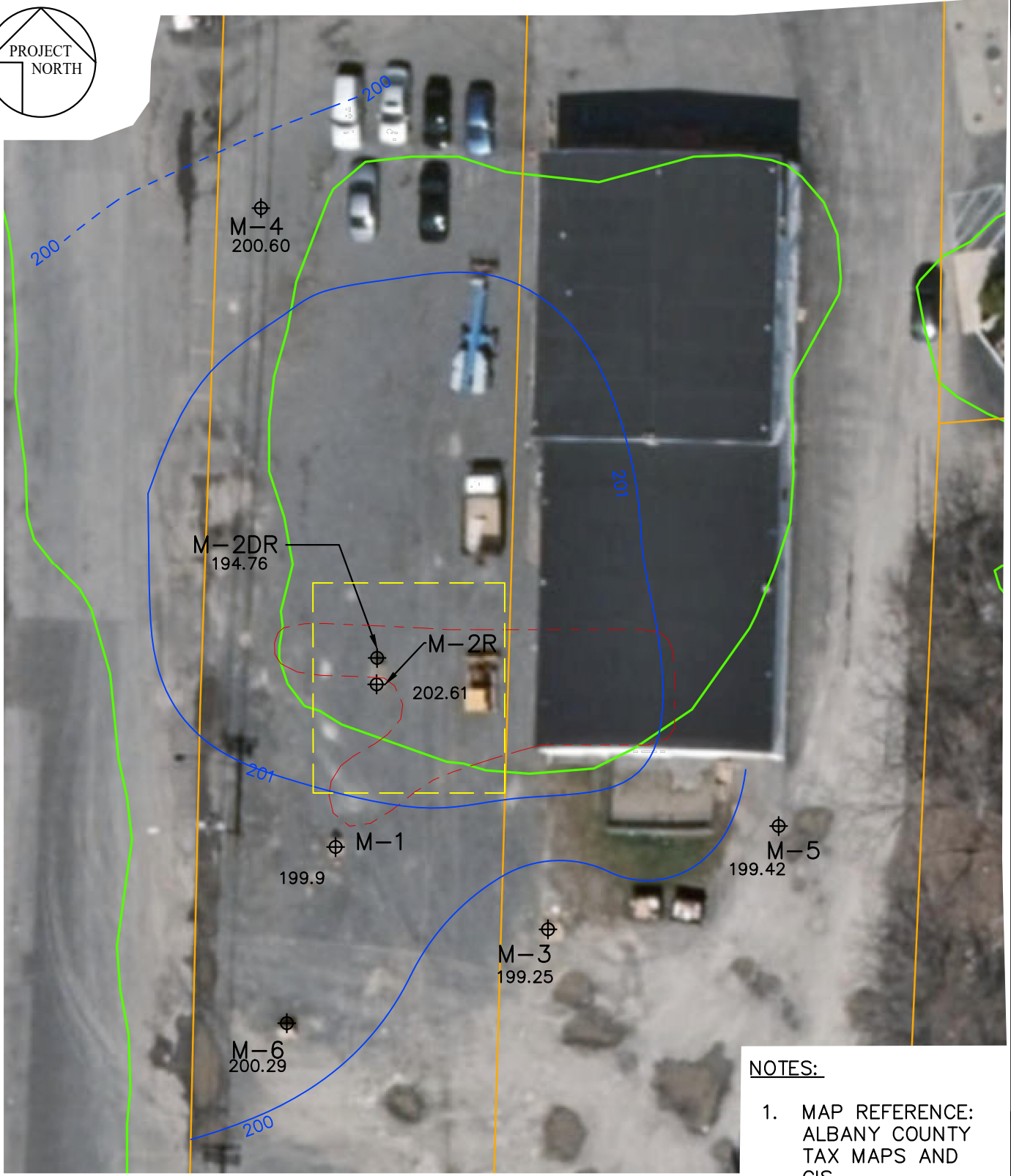
**156 Delaware Avenue**

**Town of Bethlehem Albany County, New York**

Source: Albany Co. GIS

Scale: none











**NOTES:**

1. MAP REFERENCE: ALBANY COUNTY TAX MAPS AND GIS.

**LEGEND.**

-  EXISTING GW MONITORING WELL, WITH GW ELEVATION AND/OR CONTAMINANT VALUES
-  APPROX. AREA OF MAIN EXC.
-  APPROX. SURFACE CONTOUR
-  APPROX. GROUNDWATER CONTOUR
-  APPROX. CONTAMINATION CONTOUR
-  APPROX. INFERRED CONTAMINATION FROM FINAL ENGINEERING REPORT



P.O. Box 118  
 VORHEESVILLE, NY 12186  
 518-813-3597

**SITE PLAN & GW CONTOURS**

FORMER DELMAR ROXY

NYSDEC # 401058

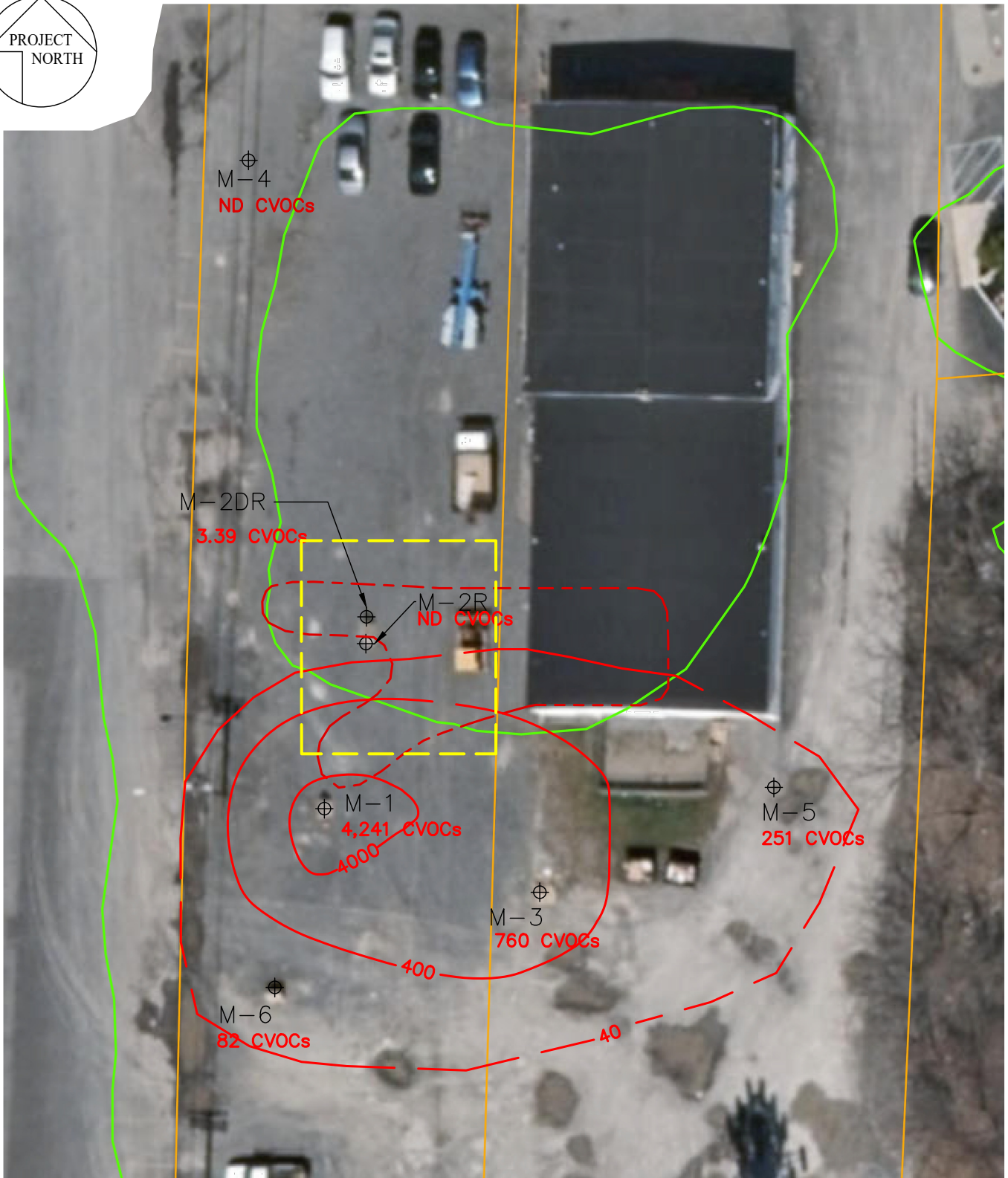
154 DELAWARE AVENUE

TOWN OF BETHLEHEM

COUNTY OF ALBANY, NY

Scale: 1"=30'±

DATE: OCT. 16, 2025



**LEGEND**

- EXISTING GW MONITORING WELL, WITH GW ELEVATION AND/OR CONTAMINANT VALUES
- APPROX. AREA OF MAIN EXC.
- APPROX. SURFACE CONTOUR
- APPROX. GROUNDWATER CONTOUR
- APPROX. CONTAMINATION CONTOUR
- APPROX. INFERRED CONTAMINATION FROM FINAL ENGINEERING REPORT



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**CONTAMINANT CONCENTRATIONS**

FORMER DELMAR ROXY

NYSDEC # 401058

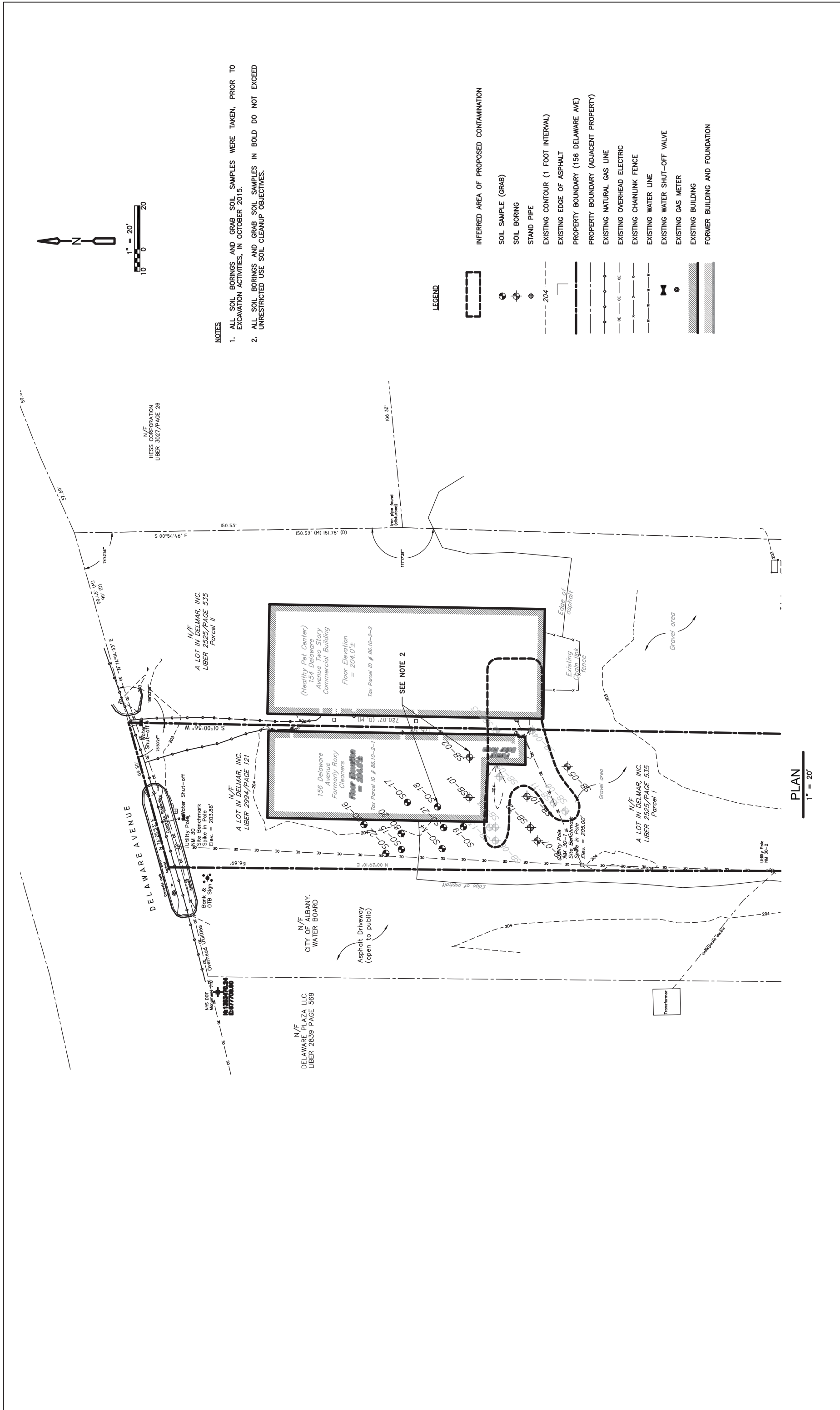
154 DELAWARE AVENUE

TOWN OF BETHLEHEM

COUNTY OF ALBANY, NY

Scale: 1"=30'±

DATE: OCT. 16, 2025



## **Tables**

**Phoenix Environmental  
Laboratories, Inc.**  
587 East Middle Turnpike  
P.O. Box 370  
Manchester, CT 06040  
(860) 645-1102

Project : FORMER DELMAR ROXY

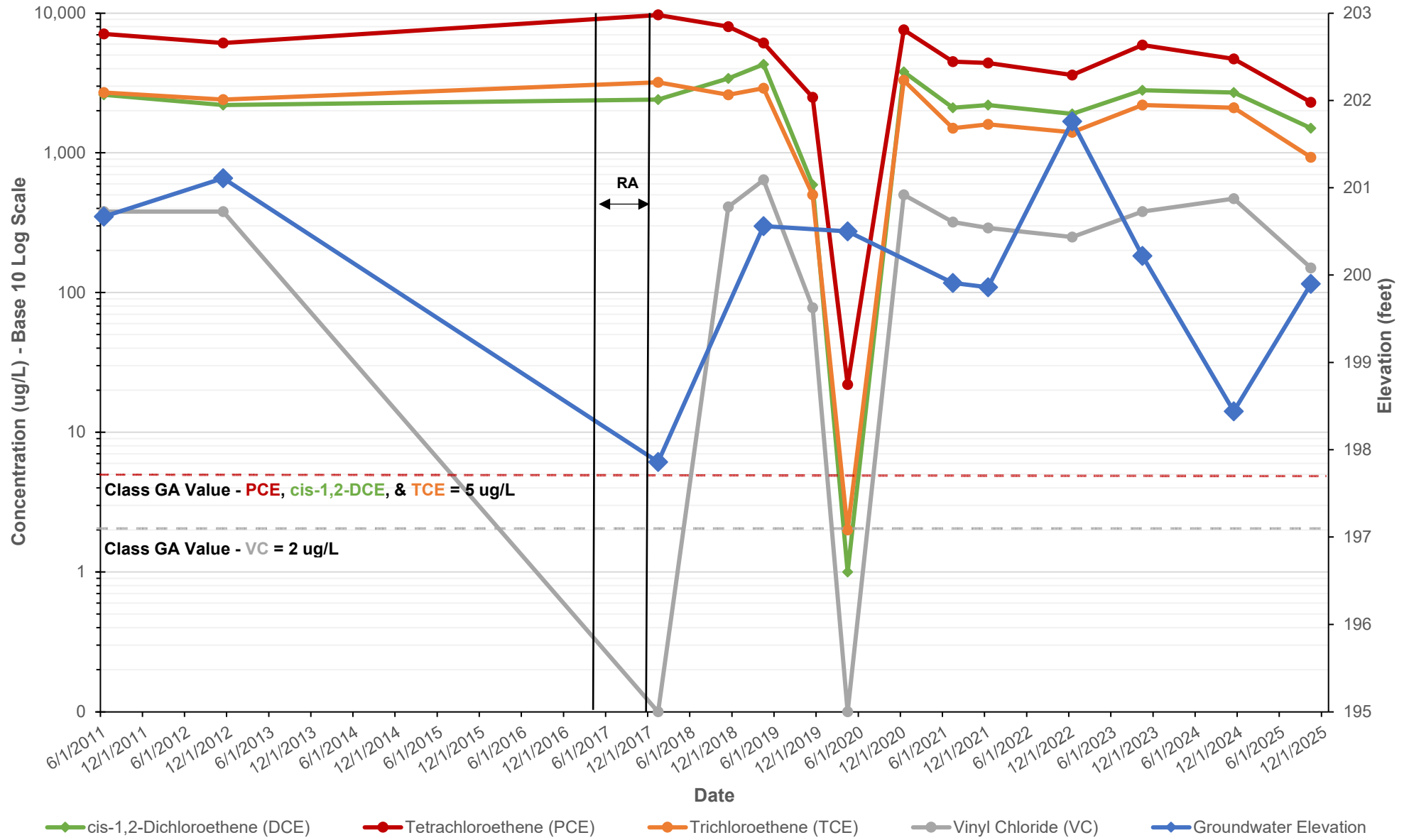
Lab Sample Id	Collection Date	Client Id	Matrix	TOGS	CU53153				CU53154				CU53155				CU53156				CU53157				CU53158				CU53159				CU53160				CU53161				CU53162						
					10/16/2025				10/16/2025				10/16/2025				10/16/2025				10/16/2025				10/16/2025				10/16/2025				10/16/2025				10/16/2025										
					MW-1				MW-1, DUP				MW-2 R				MW-2 DR				MW-3				MW-4				MW-5				MW-6				FIELD BLANK				TRIP BLANK						
CAS	Units	WQ/GA	Result	RL	Qual	MDL	Result	RL	Qual	MDL	Result	RL	Qual	MDL	Result	RL	Qual	MDL	Result	RL	Qual	MDL	Result	RL	Qual	MDL	Result	RL	Qual	MDL	Result	RL	Qual	MDL	Result	RL	Qual	MDL									
<b>Volatiles By SW8260D</b>																																															
1,1,1,2-Tetrachloroethane	630-20-6	ug/L	5	<5.0	5.0	U	5.0	<5.0	5.0	U	2.5	<1.0	1.0	U	0.25	<1.0	1.0	U	0.25	<1.0	1.0	U	0.25	<2.0	2.0	U	0.50	<1.0	1.0	U	0.25	<1.0	1.0	U	0.25	<1.0	1.0	U	0.25	<1.0	1.0	U	0.25				
1,1,1-Trichloroethane	71-55-6	ug/L	5	<5.0	5.0	U	5.0	<5.0	5.0	U	2.5	<5.0	5.0	U	0.25	<5.0	5.0	U	0.25	<5.0	5.0	U	0.25	<5.0	5.0	U	0.50	<5.0	5.0	U	0.25	<5.0	5.0	U	0.25	<5.0	5.0	U	0.25	<5.0	5.0	U	0.25	<5.0	5.0	U	0.25
1,1,2,2-Tetrachloroethane	79-34-5	ug/L	5	<5.0	5.0	U	5.0	<5.0	5.0	U	2.5	<1.0	1.0	U	0.25	<1.0	1.0	U	0.25	<1.0	1.0	U	0.25	<2.0	2.0	U	0.50	<1.0	1.0	U	0.25	<1.0	1.0	U	0.25	<1.0	1.0	U	0.25	<1.0	1.0	U	0.25	<1.0	1.0	U	0.25
1,1,2-Trichloroethane	79-00-5	ug/L	1	<5.0	5.0	U	5.0	<2.5	2.5	U	2.5	<1.0	1.0	U	0.25	<1.0	1.0	U	0.25	<1.0	1.0	U	0.25	<1.0	1.0	U	0.50	<1.0	1.0	U	0.25	<1.0	1.0	U	0.25	<1.0	1.0	U	0.25	<1.0	1.0	U	0.25	<1.0	1.0	U	0.25
1,1-Dichloroethane	75-34-3	ug/L	5	<5.0	5.0	U	5.0	<5.0	5.0	U	2.5	<5.0	5.0	U	0.25	<5.0	5.0	U	0.25	<5.0	5.0	U	0.25	<5.0	5.0	U	0.50	<5.0	5.0	U	0.25	<5.0	5.0	U	0.25	<5.0	5.0	U	0.25	<5.0	5.0	U	0.25	<5.0	5.0	U	0.25
1,1-Dichloroethene	75-35-4	ug/L	5	<5.0	5.0	U	5.0	<5.0	5.0	U	2.5	<1.0	1.0	U	0.25	<1.0	1.0	U	0.25	<1.2	1.0	U	0.25	<2.0	2.0	U	0.50	0.46	1.0	J	0.25	<1.0	1.0	U	0.25	<1.0	1.0	U	0.25	<1.0	1.0	U	0.25	<1.0	1.0	U	0.25
1,1-Dichloropropene	563-58-6	ug/L	5	<5.0	5.0	U	5.0	<5.0	5.0	U	2.5	<1.0	1.0	U	0.25	<1.0	1.0	U	0.25	<1.0	1.0	U	0.25	<2.0	2.0	U	0.50	<1.0	1.0	U	0.25	<1.0	1.0	U	0.25	<1.0	1.0	U	0.25	<1.0	1.0	U	0.25	<1.0	1.0	U	0.25
1,2,3-Trichlorobenzene	87-61-6	ug/L	5	<2.0	2.0	U	5.0	<1.0	1.0	U	2.5	<1.0	1.0	U	0.25	<1.0	1.0	U	0.25	<1.0	1.0	U	0.25	<2.0	2.0	U	0.50	<1.0	1.0	U	0.25	<1.0	1.0	U	0.25	<1.0	1.0	U	0.25	<1.0	1.0	U	0.25	<1.0	1.0	U	0.25
1,2,3-Trichloropropane	96-18-4	ug/L	0.04	<5.0	5.0	U	5.0	<2.5	2.5	U	2.5	<0.25	0.25	U	0.25	<0.25	0.25	U	0.25	<0.25	0.25	U	0.25	<0.50	0.50	U	0.50	<0.25	0.25	U	0.25	<0.25	0.25	U	0.25	<0.25	0.25	U	0.25	<0.25	0.25	U	0.25	<0.25	0.25	U	0.25
1,2,4-Trichlorobenzene	120-82-1	ug/L	5	<2.0	2.0	U	5.0	<1.0	1.0	U	2.5	<1.0	1.0	U	0.25	<1.0	1.0	U	0.25	<1.0	1.0	U	0.25	<2.0	2.0	U	0.50	<1.0	1.0	U	0.25	<1.0	1.0	U	0.25	<1.0	1.0	U	0.25	<1.0	1.0	U	0.25	<1.0	1.0	U	0.25
1,2,4-Trimethylbenzene	95-63-6	ug/L	5	<5.0	5.0	U	5.0	<5.0	5.0	U	2.5	<1.0	1.0	U	0.25	<1.0	1.0	U	0.25	<1.0	1.0	U	0.25	<2.0	2.0	U	0.50	<1.0	1.0	U	0.25	<1.0	1.0	U	0.25	<1.0	1.0	U	0.25	<1.0	1.0	U	0.25	<1.0	1.0	U	0.25
1,2-Dibromo-3-chloropropane	96-12-8	ug/L	0.04	<1.0	1.0	U	10	<5.0	5.0	U	5.0	<0.50	0.50	U	0.50	<0.50	0.50	U	0.50	<0.50	0.50	U	0.50	<1.0	1.0	U	1.0	<0.50	0.50	U	0.50	<0.50	0.50	U	0.50	<0.50	0.50	U	0.50	<0.50	0.50	U	0.50	<0.50	0.50	U	0.50
1,2-Dibromoethane	106-93-4	ug/L	0.0006	<5.0	5.0	U	5.0	<2.5	2.5	U	2.5	<0.25	0.25	U	0.25	<0.25	0.25	U	0.25	<0.25	0.25	U	0.25	<0.50	0.50	U	0.50	<0.25	0.25	U	0.25	<0.25	0.25	U	0.25	<0.25	0.25	U	0.25	<0.25	0.25	U	0.25	<0.25	0.25	U	0.25
1,2-Dichlorobenzene	95-50-1	ug/L	5	<5.0	5.0	U	5.0	<4.7	4.7	U	2.5	<1.0	1.0	U	0.25	<1.0	1.0	U	0.25	<1.0	1.0	U	0.25	<2.0	2.0	U	0.50	<1.0	1.0	U	0.25	<1.0	1.0	U	0.25	<1.0	1.0	U	0.25	<1.0	1.0	U	0.25	<1.0	1.0	U	0.25
1,2-Dichloroethane	107-06-2	ug/L	0.6	<1.0	1.0	U	10	<5.0	5.0	U	5.0	<0.60	0.60	U	0.60	<0.60	0.60	U	0.60	<0.60	0.60	U	0.60	<1.0	1.0	U	1.0	<0.60	0.60	U	0.60	<0.60	0.60	U	0.60	<0.60	0.60	U	0.60	<0.60	0.60	U	0.60	<0.60	0.60	U	0.60
1,2-Dichloropropane	78-87-5	ug/L	1	<5.0	5.0	U	5.0	<2.5	2.5	U	2.5	<1.0	1.0	U	0.25	<1.0	1.0	U	0.25	<1.0	1.0	U	0.25	<1.0	1.0	U	0.50	<1.0	1.0	U	0.25	<1.0	1.0	U	0.25	<1.0	1.0	U	0.25	<1.0	1.0	U	0.25	<1.0	1.0	U	0.25
1,3,5-Trimethylbenzene	108-67-8	ug/L	5	<5.0	5.0	U	5.0	<5.0	5.0	U	2.5	<1.0	1.0	U	0.25	<1.0	1.0	U	0.25	<1.0	1.0	U	0.25	<2.0	2.0	U	0.50	<1.0	1.0	U	0.25	<1.0	1.0	U	0.25	<1.0	1.0	U	0.25	<1.0	1.0	U	0.25	<1.0	1.0	U	0.25
1,3-Dichlorobenzene	541-73-1	ug/L	3	<5.0	5.0	U	5.0	<3.0	3.0	U	2.5	<1.0	1.0	U	0.25	<1.0	1.0	U	0.25	<1.0	1.0	U	0.25	<2.0	2.0	U	0.50	<1.0	1.0	U	0.25	<1.0	1.0	U	0.25	<1.0	1.0	U	0.25	<1.0	1.0	U	0.25	<1.0	1.0	U	0.25
1,3-Dichloropropane	142-28-9	ug/L	5	<5.0	5.0	U	5.0	<5.0	5.0	U	2.5	<1.0	1.0	U	0.25	<1.0	1.0	U	0.25	<1.0	1.0	U	0.25	<2.0	2.0	U	0.50	<1.0	1.0	U	0.25	<1.0	1.0	U	0.25	<1.0	1.0	U	0.25	<1.0	1.0	U	0.25	<1.0	1.0	U	0.25
1,4-Dichlorobenzene	106-46-7	ug/L	5	<5.0	5.0	U	5.0	<5.0	5.0	U	2.5	<1.0	1.0	U	0.25	<1.0	1.0	U	0.25	<1.0	1.0	U	0.25	<2.0	2.0	U	0.50	<1.0	1.0	U	0.25	<1.0	1.0	U	0.25	<1.0	1.0	U	0.25	<1.0	1.0	U	0.25	<1.0	1.0	U	0.25
2,2-Dichloropropane	594-20-7	ug/L	5	<5.0	5.0	U	5.0	<5.0	5.0	U	2.5	<1.0	1.0	U	0.25	<1.0	1.0	U	0.25	<1.0	1.0	U	0.25	<2.0	2.0	U	0.50	<1.0	1.0	U	0.25	<1.0	1.0	U	0.25	<1.0	1.0	U	0.25	<1.0	1.0	U	0.25	<1.0	1.0	U	0.25
2-Chlorotoluene	95-49-8	ug/L	5	<5.0	5.0	U	5.0	<5.0	5.0	U	2.5	<1.0	1.0	U	0.25	<1.0	1.0	U	0.25	<1.0	1.0	U	0.25	<2.0	2.0	U	0.50	<1.0	1.0	U	0.25	<1.0	1.0	U	0.25	<1.0	1.0	U	0.25	<1.0	1.0	U	0.25	<1.0	1.0	U	0.25
2-Hexanone	591-78-6	ug/L	50	<5.0	5.0	U	50	<25	25	U	25	<2.5	2.5	U	2.5	<2.5	2.5	U	2.5	<2.5	2.5	U	2.5	<5.0	5.0	U	5.0	<2.5	2.5	U	2.5	<2.5	2.5	U	2.5	<2.5	2.5	U	2.5	<2.5	2.5	U	2.5	<2.5	2.5	U	2.5
2-Isopropyltoluene	527-84-4	ug/L	5	<5.0	5.0	U	5.0	<5.0	5.0	U	2.5	<1.0	1.0	U	0.25	<1.0	1.0	U	0.25	<1.0	1.0	U	0.25	<2.0	2.0	U	0.50	<1.0	1.0	U	0.25	<1.0	1.0	U	0.25	<1.0	1.0	U	0.25	<1.0	1.0	U	0.25	<1.0	1.0	U	0.25
4-Chlorotoluene	106-43-4	ug/L	5	<5.0	5.0	U	5.0	<5.0	5.0	U	2.5	<1.0	1.0	U	0.25	<1.0	1.0	U	0.25	<1.0	1.0	U	0.25	<2.0	2.0	U	0.50	<1.0	1.0	U	0.25	<1.0	1.0	U	0.25	<1.0	1.0	U	0.25	<1.							

# Hydrographs

**Notes**

- 1) Non-detect values plotted at 0.1 ug/L
- 2) Only TCE, PCE, cis-1,2-DCE and VC are shown
- 3) RA - Remedial Action (Oct. 2015 - Feb. 2016)

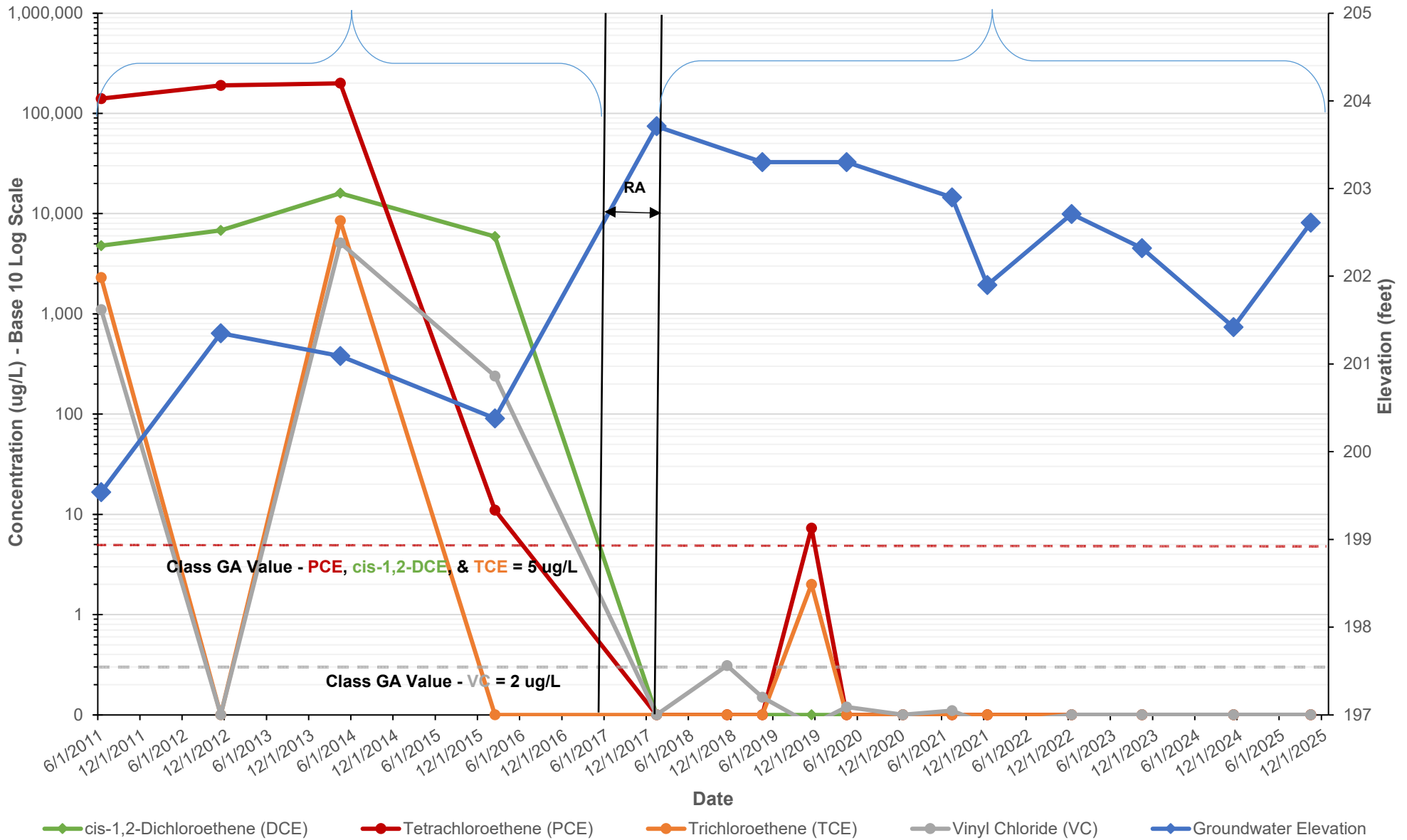
**Graph 1**  
**New York State Department of Environmental Conservation**  
**Former Roxy Cleaners - Site No. 401058**  
**CVOC Hydrograph: MW-1**



**Notes**

- 1) Non-detect values plotted at 0.1 ug/L
- 2) Only TCE, PCE, cis-1,2-DCE and VC are shown
- 3) RA - Remedial Action (Oct. 2015 - Feb. 2016)

**Graph 2**  
**New York State Department of Environmental Conservation**  
**Former Roxy Cleaners - Site No. 401058**  
**CVOC Hydrograph: MW-2 / MW-2R**



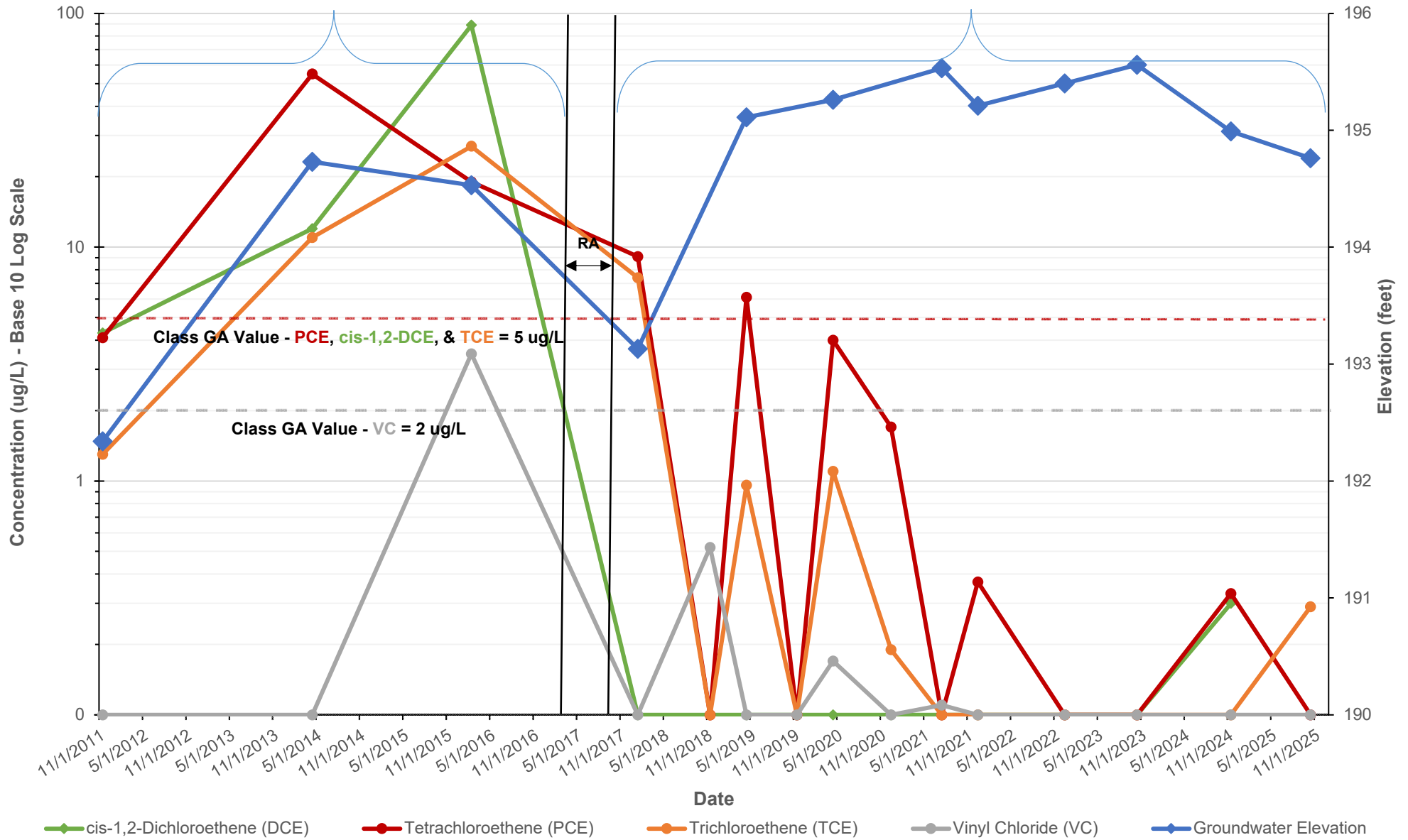
**Notes**

- 1) Non-detect values plotted at 0.1 ug/L
- 2) Only TCE, PCE, cis-1,2-DCE and VC are shown
- 3) RA - Remedial Action (Oct. 2015 - Feb. 2016)

**Graph 3**  
**New York State Department of Environmental Conservation**  
**Former Roxy Cleaners - Site No. 401058**  
**CVOC Hydrograph: MW-2D / MW-2DR**

**MW-2D**

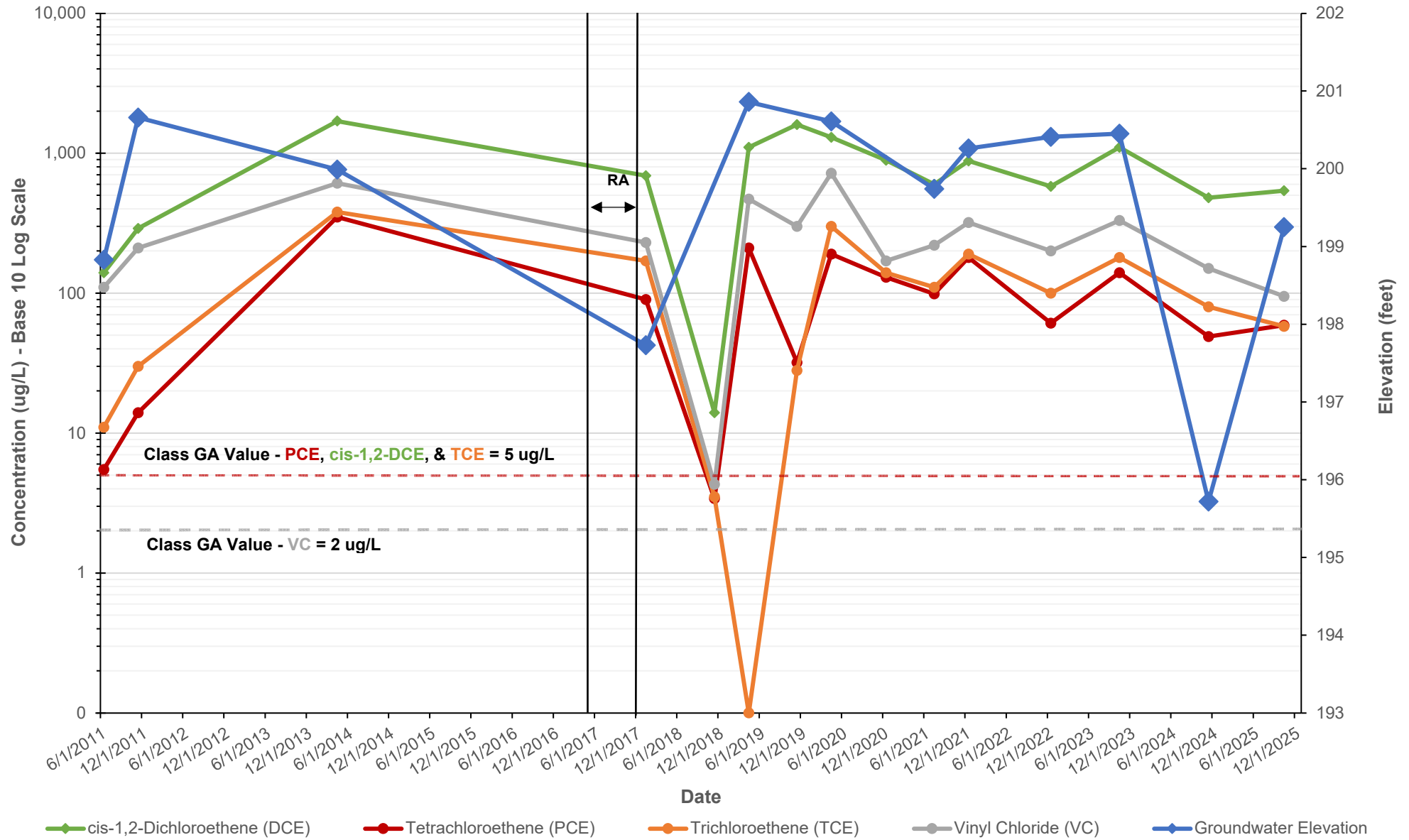
**MW-2DR**



**Notes**

- 1) Non-detect values plotted at 0.1 ug/L
- 2) Only TCE, PCE, cis-1,2-DCE and VC are shown
- 3) RA - Remedial Action (Oct. 2015 - Feb. 2016)

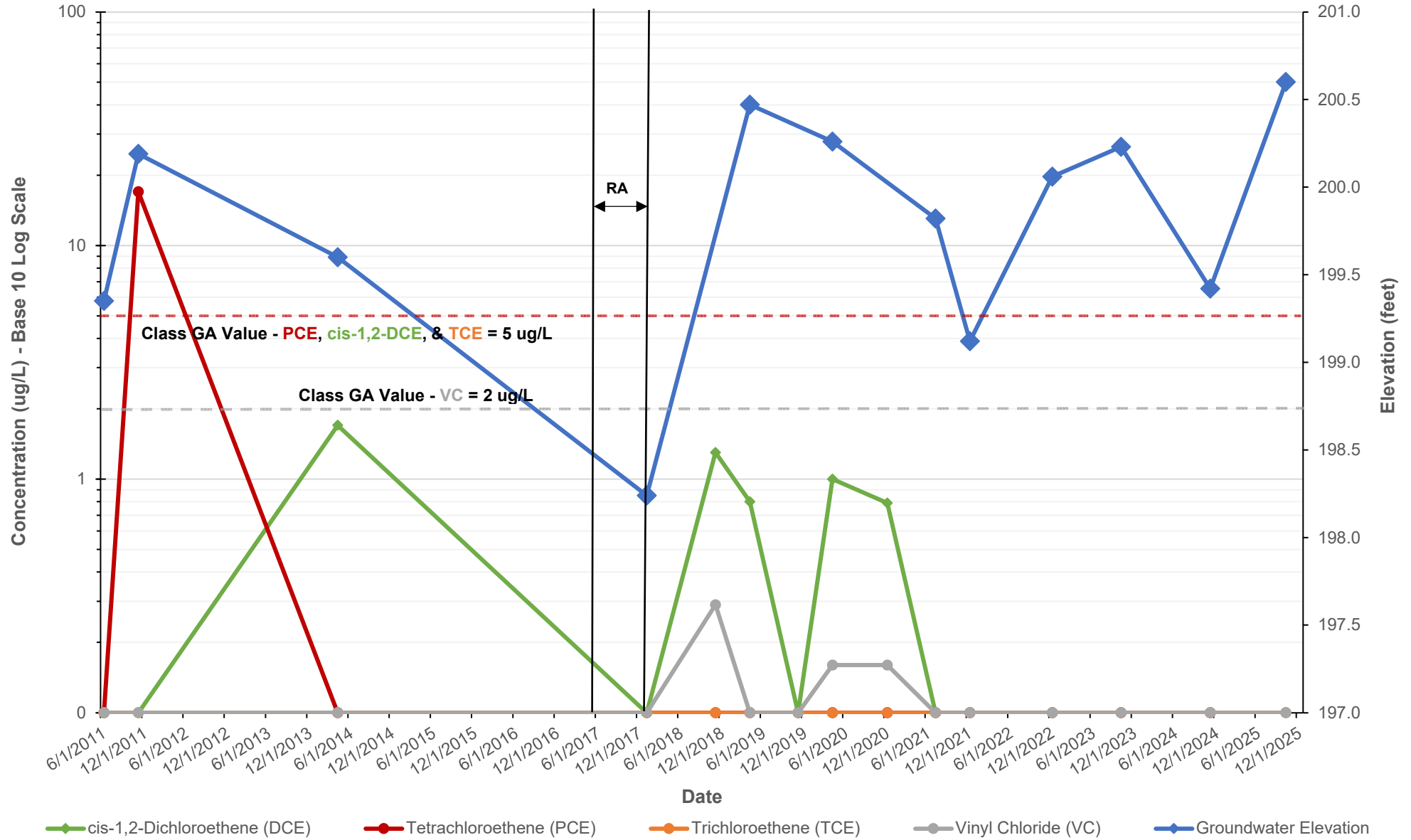
**Graph 4**  
**New York State Department of Environmental Conservation**  
**Former Roxy Cleaners - Site No. 401058**  
**CVOC Hydrograph: MW-3**



**Notes**

- 1) Non-detect values plotted at 0.1 ug/L
- 2) Only TCE, PCE, cis-1,2-DCE and VC are shown
- 3) RA - Remedial Action (Oct. 2015 - Feb. 2016)

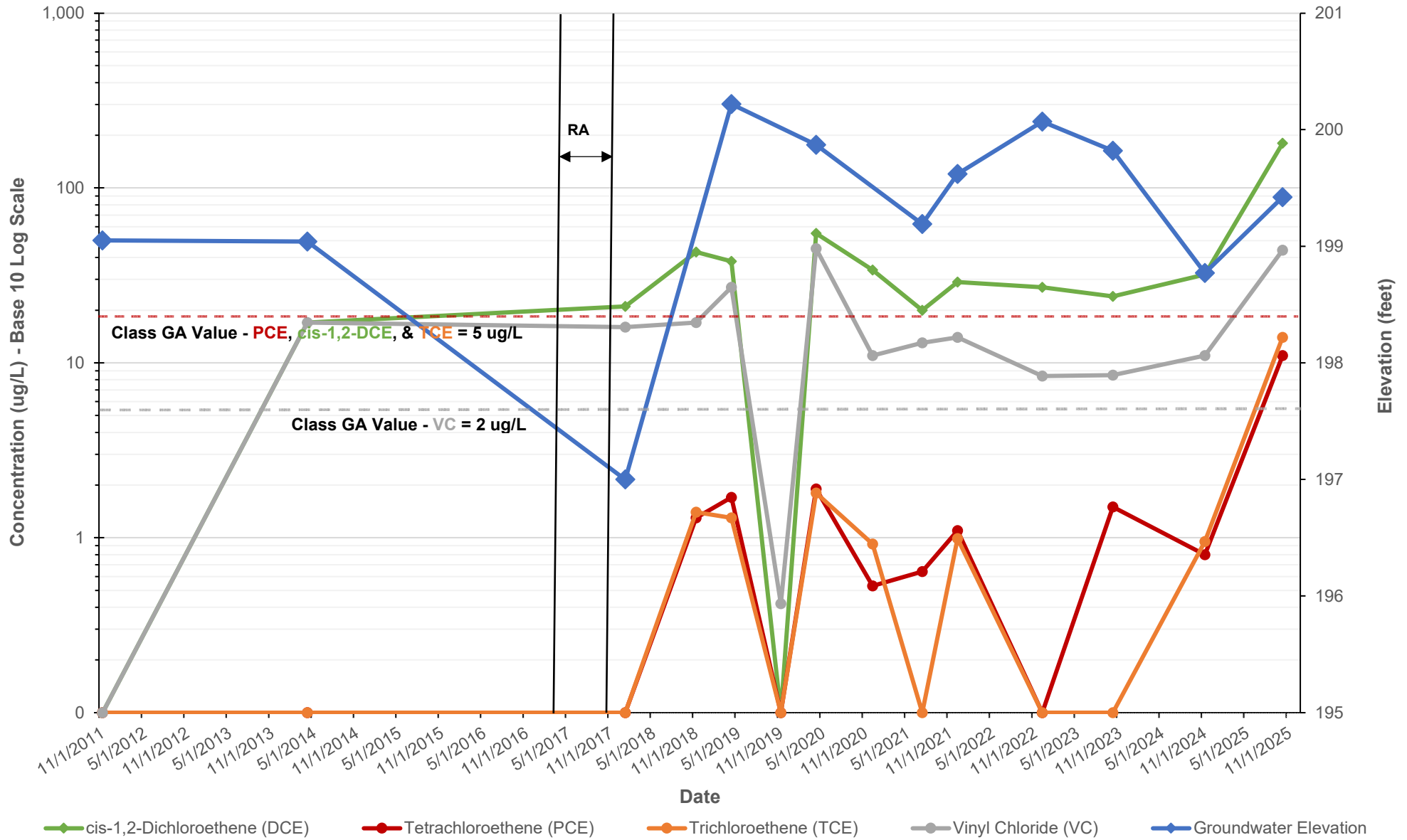
**Graph 5**  
**New York State Department of Environmental Conservation**  
**Former Roxy Cleaners - Site No. 401058**  
**CVOC Hydrograph: MW-4**



**Notes**

- 1) Non-detect values plotted at 0.1 ug/L
- 2) Only TCE, PCE, cis-1,2-DCE and VC are shown
- 3) RA - Remedial Action (Oct. 2015 - Feb. 2016)

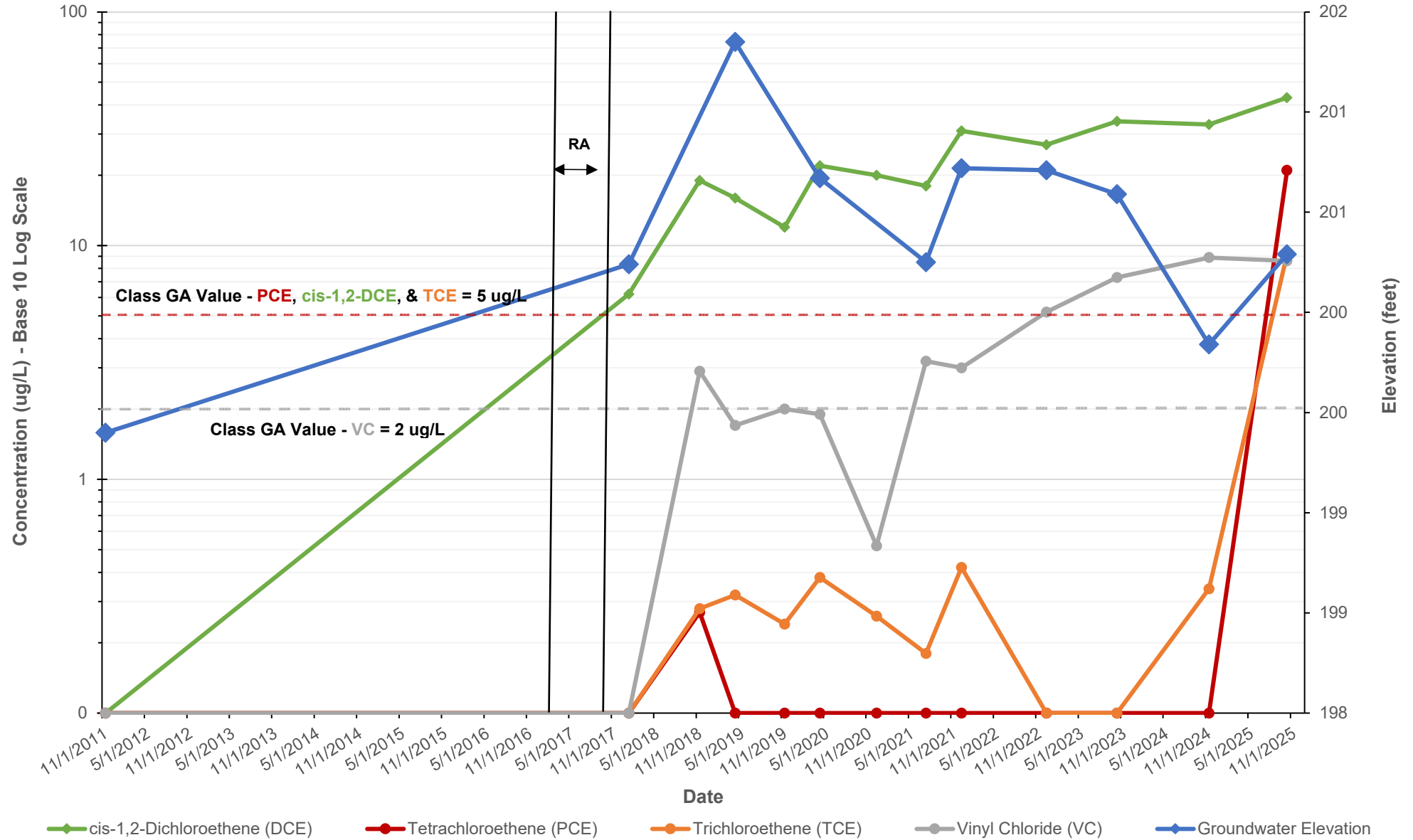
**Graph 6**  
**New York State Department of Environmental Conservation**  
**Former Roxy Cleaners - Site No. 401058**  
**CVOC Hydrograph: MW-5**



**Notes**

- 1) Non-detect values plotted at 0.1 ug/L
- 2) Only TCE, PCE, cis-1,2-DCE and VC are shown
- 3) RA - Remedial Action (Oct. 2015 - Feb. 2016)

**Graph 7**  
**New York State Department of Environmental Conservation**  
**Former Roxy Cleaners - Site No. 401058**  
**CVOC Hydrograph: MW-6**



# **APPENDIX A**

## **Field Data**



Instrument Calibration Log  
RAE Systems  
MultiRAE + (4-gas + PID)

Calibration Completed By	Date	Instrument Serial Number	Time Instrument On <sup>1</sup>	Warm Up 5 to 10 Minutes <sup>2</sup>
C. Cappellano	10-16-25	590-000430	9:00 AM	5 minutes

Calibration Gas	Manufacturer	Lot No./Expiration Date	Concentration(s)
Isobutylene	Northside Sales Co.	21-8175 9-8-25	100 ppm
Zero	Fresh air	-	0 ppm

Fresh Air Calibration	Carbon Monoxide (CO) Reading	VOC <sup>3</sup> Reading (zero)	H <sub>2</sub> S Reading (zero)	LEL Reading (zero)	Oxygen (O <sub>2</sub> )
Expected Reading <sup>4</sup>	Zero	Zero	Zero	Zero	20.9%
Actual Reading	N/A	N/A	N/A	N/A	N/A

Multiple Sensor Calibration	CO Reading	H <sub>2</sub> S Reading	LEL Reading	O <sub>2</sub> Reading
Expected Reading <sup>5</sup>	NA	NA	NA	NA
Actual Reading				

VOC Sensor Calibration	VOC Reading
Expected Reading	100
Actual Reading	100

Instrument Calibration Complete (Y/N): yes

Comments: periodic checking during the day with a sharpie marker

<sup>1</sup> Note time instrument is turned on for initial warm up

<sup>2</sup> While instrument is warming up, make sure inlet tubing is connected to a hydrophobic filter and fill one Tedlar bag with isobutylene and one with four gas mix

<sup>3</sup> VOC - volatile organic compounds, H<sub>2</sub>S - hydrogen sulfide, LEL - lower explosive limit

<sup>4</sup> Instruments should read zero after fresh air calibration is complete, write down actual readings below headings

<sup>5</sup> Write concentration from calibration gas in parenthesis





**MONITORING WELL INSPECTION FORM AND PURGE LOG**

Site: Former Delmar Roxy Cleaner  
 Date: 10-16-25 Company: Angstrom For Hennessy  
 Time: 3 pm Inspector: Cappellano  
 Weather: 50°F, sunny, dry, windy Signature: [Signature]

WELL ID: M-1

**EXTERIOR ITEMS:**

Protective Casing: yes, good  
 Lock/Hasp: no, flush mount road box  
 Hinge/Lid: lid.  
 Well Pad: concrete apron, good  
 Bollards: no  
 Label/ID: no  
 Other (Specify): -

**INTERIOR ITEMS:**

Well Riser: 2" PVC  
 Annular Space: 8" Road Box  
 Well cap/plug: plug, w/pad lock  
 Well Diameter: 2"  
 Depth to water: 3.06  
 Depth to Bottom: 18.91  
 Other (Specify): purge 7.6g, drummed

Purging/Sampling Device: dedicated bailer Tubing Type: / Tubing Inlet location: /

**PURGE PARAMETERS**

TIME	Flow Rate	pH	TEMP	TDS	DO	TURB	ORP	COND		
	<u>Manual bailing</u>									

Sensing Equipment: PID = 0.4  
 Sampling Personnel: Cappellano  
 Notes/Comments: Purge water slight gray, slight turbid, slight odor, no sheen, well set in grass covered with wood pallet. Sample @ 3'05, also duplicate.

**MONITORING WELL INSPECTION FORM AND PURGE LOG**

Date: 10-16-25  
Time: 10 AM  
Weather: 40°F sunny dry windy

Site: Farm Delmar Poxu Cleaner

Company: Angstrom for Henneys  
Inspector: Cappellano  
Signature: [Signature]

WELL ID: M-2R

**EXTERIOR ITEMS:**

Protective Casing: yes, good  
Lock/Hasp: no, flush mount road box  
Hinge/Lid: LID  
Well Pad: concrete apron, good  
Bollards: NO  
Label/ID: NO  
Other (Specify): M-2R is the shallow one and south of M-2DR

**INTERIOR ITEMS:**

Well Riser: PVC  
Annular Space: Ø" Road box  
Well cap/plug: plug w/padlock  
Well Diameter: 11 2"  
Depth to water: 1.10  
Depth to Bottom: 23.40, purge 10.7g

Purging/Sampling Device: 2" bailer, dedicated Tubing Type: / Tubing Inlet location: /

**PURGE PARAMETERS**

TIME Flow Rate pH TEMP TDS DO TURB ORP COND  
Manual bailing

Sensing Equipment: PID=0  
Sampling Personnel: Cappellano

Notes/Comments: In grass, under some wood pallet. Light gray color purge water, slight turbid, slight detergent like odor. Sample @ 2:45

**MONITORING WELL INSPECTION FORM AND PURGE LOG**

Site: Former Delmar Roxy cleaner

Date: 10-16-25

Company: Angstrom for Hennessy

Time: 11:00 AM

Inspector: Cappellano

Weather: 40°F, Sunny, dry, windy

Signature: CJC

WELL ID: M-2DR

**EXTERIOR ITEMS:**

- Protective Casing: yes, good
- Lock/Hasp: no, flush mount Road box
- Hinge/Lid: Lid
- Well Pad: concrete apron, good
- Bollards: NO
- Label/ID: NO
- Other (Specify): M-2DR is the deep one and is north of M-2R which may be

**INTERIOR ITEMS:**

incorrect on the map  
Well Riser 2" PVC

Annular Space: 8" Road box

Well cap/plug plug w/padlock

Well Diameter: 211

Depth to water: 8.95

Depth to Bottom: 49.75, purge 19.5g

Purging/  
Sampling  
Device dedicated bailer

Tubing  
Type: /

Tubing Inlet  
location: /

**PURGE PARAMETERS**

TIME	Flow Rate	pH	TEMP	TDS	DO	TURB	ORP	COND
------	-----------	----	------	-----	----	------	-----	------

Manual bailing

Sensing Equipment: PID=0

Sampling Personnel Cappellano

Notes/Comments: In grass, under some wood pallets. Light gray color purge water. Slight turbid, slight detergent like odor. Sample @ 2:40.

**MONITORING WELL INSPECTION FORM AND PURGE LOG**

Date: 10-16-25 Site: Former Delmar Roxy Cleaner

Company: Angstrom For Hennessy

Time: 2 pm

Inspector: Cappellano

Weather: 50° F, sunny, dry, windy

Signature: CJC

WELL ID: M-3

EXTERIOR ITEMS:

- Protective Casing: yes, good
- Lock/Hasp: no, flush mount road box
- Hinge/Lid: lid
- Well Pad: concrete apron, good
- Bollards: no
- Label/ID: no
- Other (Specify): \_\_\_\_\_

INTERIOR ITEMS:

Well Riser: 2" PVC

Annular Space: 8" road box

Well cap/plug: plug w/ padlock

Well Diameter: 2"

Depth to water: 3.31

Depth to Bottom: 21.30, purge B.g (drummed)

Purging/  
Sampling  
Device: dedicated bailer

Tubing  
Type: /

Tubing Inlet  
location: /

Needed new bailer. Old one clogged with mud or bentonite. Replaced bailer, kept old cordage

PURGE PARAMETERS

TIME	Flow Rate	pH	TEMP	TDS	DO	TURB	ORP	COND
<u>Manual bailing</u>								

Sensing Equipment: PID=0

Sampling Personnel: Cappellano

Notes/Comments: Purge water slight gray, slight turbid. Well set in grass area. no odor or sheen. Sample @ 3:50. Also ms/msd in 5 vials instead of 6 because of shortage of vials (some caps broke).

**MONITORING WELL INSPECTION FORM AND PURGE LOG**

Date: 10-16-25  
Time: 9 AM  
Weather: 40 Sunny dry windy

Site: Former Roxy Cleaners

Company: Angstrom for Hennessy  
Inspector: Curt Cappellano  
Signature: [Signature]

WELL ID: M-4

**EXTERIOR ITEMS:**

Protective Casing: yes, good  
Lock/Hasp: No, Flush mount road box  
Hinge/Lid: lid  
Well Pad: concrete apron good  
Bollards: NO  
Label/ID: NO  
Other (Specify): \_\_\_\_\_

**INTERIOR ITEMS:**

Well Riser: PVC, some bent/mite swelling. Removed a small amount from near the riser edge.  
Annular Space: 8" Road box  
Well cap/plug: J plug w/ padlock.  
Well Diameter: 2" ID  
Depth to water: 2.62  
Depth to Bottom: 20.08, purge 8.7g

Purging/Sampling Device: 2" bailer, dedicated      Tubing Type: /      Tubing Inlet location: /

**PURGE PARAMETERS**

TIME	Flow Rate	pH	TEMP	TDS	DO	TURB	ORP	COND
<u>manual bailing</u>								

Sensing Equipment: PID = 0  
Sampling Personnel: Cappellano

Notes/Comments: in parking area, in asphalt area, light gray color purge water. no sheen, slight turbid. Sample was gassy w/lots of air bubbles. Sampled @ 2:10.

**MONITORING WELL INSPECTION FORM AND PURGE LOG**

Date: 10-16-25 Site: Former Delmar Roxy Cleaners

Company: Angstrom For Hennessy

Time: 1 pm

Inspector: Cappellano

Weather: 45°F, dry, sunny, windy

Signature: YC

WELL ID: M-5

EXTERIOR ITEMS:

Protective Casing: yes, good  
Lock/Hasp: no, flush mount road box  
Hinge/Lid: lid  
Well Pad: concrete apron, good  
Bollards: no  
Label/ID: no  
Other (Specify): \_\_\_\_\_

INTERIOR ITEMS:

Well Riser: 2" PVC  
Annular Space: 8" road box  
Well cap/plug: PVC CAP, no padlock  
Well Diameter: 2"  
Depth to water: 3.40  
Depth to Bottom: 22.00, purge 8.9g (drummed)

Purging/  
Sampling  
Device: dedicated bailer

Tubing  
Type: /

Tubing Inlet  
location: /

PURGE PARAMETERS

TIME    Flow Rate    pH    TEMP    TDS    DO    TURB    ORP    COND

manual bailing

Sensing Equipment: PID=0

Sampling Personnel: Cappellano

Notes/Comments: Purge water slight gray, slight turbid, in asphalt near garagedoor.  
no odor or sheen Sampled @ 4:15.

**MONITORING WELL INSPECTION FORM AND PURGE LOG**

Date: 10-16-25 Site: Formal Delmar Poxycleaner

Company: Angstrom For Hennessy

Time: 12 pm

Inspector: Capellano

Weather: 45°F, sunny, dry, windy

Signature: [Signature]

WELL ID: M-6

**EXTERIOR ITEMS:**

- Protective Casing: yes, good
- Lock/Hasp: no, Flush mount road box 1/2" bolts
- Hinge/Lid: Lid
- Well Pad: concrete apron, good
- Bollards: no
- Label/ID: no
- Other (Specify): In roadway. Was covered with mud and hard to see

**INTERIOR ITEMS:**

- Well Riser: 2" PVC
- Annular Space: 6" road box
- Well cap/plug: plug w/padlock
- Well Diameter: 2"
- Depth to water: 2.88
- Depth to Bottom: 20.24, purge 8.30 (drummed)

Purging/Sampling Device: dedicated bailer 2" Tubing Type: / Tubing Inlet location: /

**PURGE PARAMETERS**

TIME	Flow Rate	pH	TEMP	TDS	DO	TURB	ORP	COND
<u>manual bailing</u>								

Sensing Equipment: PID = 0  
Sampling Personnel: Capellano

Notes/Comments: Purge water slight gray, slight turbid in asphalt road way, slight odor, Note smaller road box and 1/2" bolts for lid, Sampled 3:35.

## **APPENDIX B**

### **Data Usability Summary report**



Geology

Hydrology

Remediation

Water Supply

November 17, 2025

Mr. William C. Hennessy, Jr. P.E.  
Hennessy Engineering & Consulting  
P.O. Box 118  
Voorheesville, New York 12186

Re: Data Usability Summary Report  
Former Roxy Cleaners  
October 2025 Ground Water Event

Dear Mr. Hennessy:

The data usability summary report and data validation summary are attached to this letter for the Roxy Cleaners, October 2025 ground water event. The data for Phoenix Environmental Laboratories, Inc, SDG number: GCU53153 are acceptable with some minor issues identified in the validation summary. There are no data that were qualified as rejected (R) in the data pack.

A list of common data validation acronyms and data validation qualifiers are attached to this letter to assist you interpreting the validation summaries. If you have any questions concerning the work performed, please contact me at (518) 348-6995. Thank you for providing Alpha this opportunity.

Sincerely,  
Alpha Geoscience

Donald Anné  
Senior Chemist

DCA/bms  
Via email

z:\projects\2021\21621-21640\21624 roxy cleaners\task 1 data validation\temp-review\roxy cleaners-251.ltr.docx

# Alpha Geoscience: Acronyms and Definitions

## Data Validation Acronyms

AA	Atomic absorption, flame technique
BHC	Hexachlorocyclohexane
BFB	Bromofluorobenzene
CCB	Continuing calibration blank
CCC	Calibration check compound
CCV	Continuing calibration verification
CN	Cyanide
CRDL	Contract required detection limit
CRQL	Contract required quantitation limit
CVAA	Atomic adsorption, cold vapor technique
DCAA	2,4-Dichlophenylacetic acid
DCB	Decachlorobiphenyl
DFTPP	Decafluorotriphenyl phosphine
ECD	Electron capture detector
FAA	Atomic absorption, furnace technique
FID	Flame ionization detector
FNP	1-Fluoronaphthalene
GC	Gas chromatography
GC/MS	Gas chromatography/mass spectrometry
GPC	Gel permeation chromatography
ICB	Initial calibration blank
ICP	Inductively coupled plasma-atomic emission spectrometer
ICV	Initial calibration verification
IDL	Instrument detection limit
IS	Internal standard
LCS	Laboratory control sample
LCS/LCSD	Laboratory control sample/laboratory control sample duplicate
MSA	Method of standard additions
MS/MSD	Matrix spike/matrix spike duplicate
PID	Photo ionization detector
PCB	Polychlorinated biphenyl
PCDD	Polychlorinated dibenzodioxins
PCDF	Polychlorinated dibenzofurans
QA	Quality assurance
QC	Quality control
RF	Response factor
RPD	Relative percent difference
RRF	Relative response factor
RRF(number)	Relative response factor at concentration of the number following
RT	Retention time
RRT	Relative retention time
SDG	Sample delivery group
SPCC	System performance check compound
TCX	Tetrachloro-m-xylene
%D	Percent difference
%R	Percent recovery
%RSD	Percent relative standard deviation

## Data Validation Qualifiers Used in the QA/QC Reviews for USEPA Region II

- U = Not detected. The associated number indicates the approximate sample concentration necessary to be detected significantly greater than the level of the highest associated blank.
- R = Unreliable result; data is rejected or unusable. Analyte may or may not be present in the sample. Supporting data or information is necessary to confirm the result.
- N = Tentative identification. Analyte is considered present. Special methods may be needed to confirm its presence or absence during future sampling efforts.
- J = Analyte is present. Reported value may be associated with a higher level of uncertainty than is normally expected with the analytical method.
- J- = Analyte is present. Reported value may be biased low and associated with a higher level of uncertainty than is normally expected with the analytical method.
- J+ = Analyte is present. Reported value may be biased high and associated with a higher level of uncertainty than is normally expected with the analytical method.
- UJ = Not detected, quantitation limit may be inaccurate or imprecise.

Note: These qualifiers are used for data validation purposes. The data validation qualifiers may differ from the qualifiers that the laboratory assigns to the data. Refer to the laboratory analytical report for the definitions of the laboratory qualifiers.



Geology

Hydrology

Remediation

Water Supply

**Data Usability Summary Report  
for Phoenix Environmental Laboratories, Inc.  
SDG: GCU53153**

**7 Ground Water Samples, 1 Field Duplicate,  
1 Field Blank, and 1 Trip Blank  
Collected October 16, 2025**

Prepared by: Donald Anné  
November 17, 2025

---

The data package contained the documentation as required by NYSDEC ASP. The proper chain of custody procedures were followed by the samplers. All information appeared legible and complete. The data pack contained the results of volatile analyses for 7 ground water samples, 1 field duplicate, 1 field blank, and 1 trip blank.

The overall performances of the analyses are acceptable. Phoenix Environmental Laboratories, Inc. did fulfill the requirements of the analytical method.

The data are mostly acceptable with some issues that are identified in the accompanying data validation review. The following data were qualified:

- The “not detected” volatile result for bromomethane was qualified as “estimated” (UJ) for sample MW-3 because 2 of 2 percent recoveries for bromomethane were below QC limits, but not below 30% in the aqueous MS/MSD sample.
- The positive volatile results for the vinyl chloride and trans-1,2-dichloroethene were qualified as estimated (J) for samples MW-1 and MW-1 DUP because the relative percent differences for vinyl chloride and trans-1,2-dichloroethene were above the allowable maximum in the aqueous field duplicate pair MW-1/MW-1 DUP.

All data are considered usable with estimated (J or UJ) data associated with a higher level of quantitative uncertainty. Detailed information on data quality is included in the data validation review.

# Qualified Data Section



Environmental Laboratories, Inc.

587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045  
Tel. (860) 645-1102



# Analysis Report

November 04, 2025

FOR: Hennessy Engineering  
P O Box 118  
Voorheesville, NY 12186

### Sample Information

Matrix: GROUND WATER  
Location Code: HENNESSY  
Rush Request: Standard  
P.O.#:

### Custody Information

Collected by: CC  
Received by: SW  
Analyzed by: see "By" below

### Date

10/16/25  
10/17/25

### Time

15:05  
16:50

## Laboratory Data

SDG ID: GCU53153  
Phoenix ID: CU53153

Project ID: FORMER DELMAR ROXY CLEANERS  
Client ID: MW-1

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
<b>Volatiles</b>								
1,1,1,2-Tetrachloroethane	ND	5.0	5.0	ug/L	20	10/19/25	MH	SW8260D
1,1,1-Trichloroethane	ND	5.0	5.0	ug/L	20	10/19/25	MH	SW8260D
1,1,2,2-Tetrachloroethane	ND	5.0	5.0	ug/L	20	10/19/25	MH	SW8260D
1,1,2-Trichloroethane	ND	5.0	5.0	ug/L	20	10/19/25	MH	SW8260D
1,1-Dichloroethane	ND	5.0	5.0	ug/L	20	10/19/25	MH	SW8260D
1,1-Dichloroethene	ND	5.0	5.0	ug/L	20	10/19/25	MH	SW8260D
1,1-Dichloropropene	ND	5.0	5.0	ug/L	20	10/19/25	MH	SW8260D
1,2,3-Trichlorobenzene	ND	20	5.0	ug/L	20	10/19/25	MH	SW8260D
1,2,3-Trichloropropane	ND	5.0	5.0	ug/L	20	10/19/25	MH	SW8260D
1,2,4-Trichlorobenzene	ND	20	5.0	ug/L	20	10/19/25	MH	SW8260D
1,2,4-Trimethylbenzene	ND	5.0	5.0	ug/L	20	10/19/25	MH	SW8260D
1,2-Dibromo-3-chloropropane	ND	10	10	ug/L	20	10/19/25	MH	SW8260D
1,2-Dibromoethane	ND	5.0	5.0	ug/L	20	10/19/25	MH	SW8260D
1,2-Dichlorobenzene	ND	5.0	5.0	ug/L	20	10/19/25	MH	SW8260D
1,2-Dichloroethane	ND	10	10	ug/L	20	10/19/25	MH	SW8260D
1,2-Dichloropropane	ND	5.0	5.0	ug/L	20	10/19/25	MH	SW8260D
1,3,5-Trimethylbenzene	ND	5.0	5.0	ug/L	20	10/19/25	MH	SW8260D
1,3-Dichlorobenzene	ND	5.0	5.0	ug/L	20	10/19/25	MH	SW8260D
1,3-Dichloropropane	ND	5.0	5.0	ug/L	20	10/19/25	MH	SW8260D
1,4-Dichlorobenzene	ND	5.0	5.0	ug/L	20	10/19/25	MH	SW8260D
2,2-Dichloropropane	ND	5.0	5.0	ug/L	20	10/19/25	MH	SW8260D
2-Chlorotoluene	ND	5.0	5.0	ug/L	20	10/19/25	MH	SW8260D
2-Hexanone	ND	50	50	ug/L	20	10/19/25	MH	SW8260D
2-Isopropyltoluene	ND	5.0	5.0	ug/L	20	10/19/25	MH	SW8260D
4-Chlorotoluene	ND	5.0	5.0	ug/L	20	10/19/25	MH	SW8260D
4-Methyl-2-pentanone	ND	50	50	ug/L	20	10/19/25	MH	SW8260D

Client ID: MW-1

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
Acetone	ND	50	50	ug/L	20	10/19/25	MH	SW8260D
Acrolein	ND	50	50	ug/L	20	10/19/25	MH	SW8260D
Acrylonitrile	ND	10	10	ug/L	20	10/19/25	MH	SW8260D
Benzene	ND	5.0	5.0	ug/L	20	10/19/25	MH	SW8260D
Bromobenzene	ND	5.0	5.0	ug/L	20	10/19/25	MH	SW8260D
Bromochloromethane	ND	5.0	5.0	ug/L	20	10/19/25	MH	SW8260D
Bromodichloromethane	ND	20	5.0	ug/L	20	10/19/25	MH	SW8260D
Bromoform	ND	50	5.0	ug/L	20	10/19/25	MH	SW8260D
Bromomethane	ND	10	10	ug/L	20	10/19/25	MH	SW8260D
Carbon Disulfide	ND	20	5.0	ug/L	20	10/19/25	MH	SW8260D
Carbon tetrachloride	ND	5.0	5.0	ug/L	20	10/19/25	MH	SW8260D
Chlorobenzene	ND	5.0	5.0	ug/L	20	10/19/25	MH	SW8260D
Chloroethane	ND	5.0	5.0	ug/L	20	10/19/25	MH	SW8260D
Chloroform	ND	7.0	5.0	ug/L	20	10/19/25	MH	SW8260D
Chloromethane	ND	5.0	5.0	ug/L	20	10/19/25	MH	SW8260D
cis-1,2-Dichloroethene	1500	100	25	ug/L	100	10/20/25	MH	SW8260D
cis-1,3-Dichloropropene	ND	5.0	5.0	ug/L	20	10/19/25	MH	SW8260D
Dibromochloromethane	ND	20	5.0	ug/L	20	10/19/25	MH	SW8260D
Dibromomethane	ND	5.0	5.0	ug/L	20	10/19/25	MH	SW8260D
Dichlorodifluoromethane	ND	5.0	5.0	ug/L	20	10/19/25	MH	SW8260D
Ethylbenzene	ND	5.0	5.0	ug/L	20	10/19/25	MH	SW8260D
Hexachlorobutadiene	ND	4.0	4.0	ug/L	20	10/19/25	MH	SW8260D
Isopropylbenzene	ND	5.0	5.0	ug/L	20	10/19/25	MH	SW8260D
m&p-Xylene	ND	20	5.0	ug/L	20	10/19/25	MH	SW8260D
Methyl ethyl ketone	ND	50	50	ug/L	20	10/19/25	MH	SW8260D
Methyl t-butyl ether (MTBE)	ND	20	5.0	ug/L	20	10/19/25	MH	SW8260D
Methylene chloride	ND	10	10	ug/L	20	10/19/25	MH	SW8260D
Naphthalene	ND	10	10	ug/L	20	10/19/25	MH	SW8260D
n-Butylbenzene	ND	5.0	5.0	ug/L	20	10/19/25	MH	SW8260D
n-Propylbenzene	ND	5.0	5.0	ug/L	20	10/19/25	MH	SW8260D
o-Xylene	ND	5.0	5.0	ug/L	20	10/19/25	MH	SW8260D
p-Isopropyltoluene	ND	5.0	5.0	ug/L	20	10/19/25	MH	SW8260D
sec-Butylbenzene	ND	5.0	5.0	ug/L	20	10/19/25	MH	SW8260D
Styrene	ND	5.0	5.0	ug/L	20	10/19/25	MH	SW8260D
tert-Butylbenzene	ND	5.0	5.0	ug/L	20	10/19/25	MH	SW8260D
Tetrachloroethene	2300	100	25	ug/L	100	10/20/25	MH	SW8260D
Tetrahydrofuran (THF)	ND	50	50	ug/L	20	10/19/25	MH	SW8260D
Toluene	ND	5.0	5.0	ug/L	20	10/19/25	MH	SW8260D
trans-1,2-Dichloroethene	16	J 5.0	5.0	ug/L	20	10/19/25	MH	SW8260D
trans-1,3-Dichloropropene	ND	5.0	5.0	ug/L	20	10/19/25	MH	SW8260D
trans-1,4-dichloro-2-butene	ND	50	50	ug/L	20	10/19/25	MH	SW8260D
Trichloroethene	930	100	25	ug/L	100	10/20/25	MH	SW8260D
Trichlorofluoromethane	ND	5.0	5.0	ug/L	20	10/19/25	MH	SW8260D
Trichlorotrifluoroethane	ND	5.0	5.0	ug/L	20	10/19/25	MH	SW8260D
Vinyl chloride	150	J 20	5.0	ug/L	20	10/19/25	MH	SW8260D
<b>QA/QC Surrogates</b>								
% 1,2-dichlorobenzene-d4 (20x)	106			%	20	10/19/25	MH	70 - 130 %
% Bromofluorobenzene (20x)	88			%	20	10/19/25	MH	70 - 130 %
% Dibromofluoromethane (20x)	108			%	20	10/19/25	MH	70 - 130 %

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
% Toluene-d8 (20x)	94			%	20	10/19/25	MH	70 - 130 %
% 1,2-dichlorobenzene-d4 (100x)	101			%	100	10/20/25	MH	70 - 130 %
% Bromofluorobenzene (100x)	90			%	100	10/20/25	MH	70 - 130 %
% Dibromofluoromethane (100x)	103			%	100	10/20/25	MH	70 - 130 %
% Toluene-d8 (100x)	100			%	100	10/20/25	MH	70 - 130 %

1 = This parameter is not certified by the primary accrediting authority (NY NELAC) for this matrix. NY NELAC does not offer certification for all parameters at this time.

RL/PQL=Reporting/Practical Quantitation Level (Equivalent to NELAC LOQ, Limit of Quantitation) ND=Not Detected BRL=Below Reporting Level L=Biased Low LOD=Limit of Detection MDL=Method Detection Limit<sup>1</sup>

QA/QC Surrogates: Surrogates are compounds (preceeded with a %) added by the lab to determine analysis efficiency. Surrogate results(%) listed in the report are not "detected" compounds.

**Comments:**

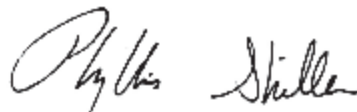
Volatile Comment:

Elevated reporting limits for volatiles due to the presence of target and/or non-target compounds.

Volatile Comment:

To achieve client’s objectives, where the lowest calibration standard or LOD justifies lowering the RL/PQL, the RL/PQL of some compounds have been lowered to meet criteria.

If you are the client above and have any questions concerning this testing, please do not hesitate to contact Phoenix Client Services at ext.200. The contents of this report cannot be discussed with anyone other than the client listed above without their written consent.



**Phyllis Shiller, Laboratory Director**

**November 04, 2025**

**Reviewed and Released by: Rashmi Makol, Project Manager**



Environmental Laboratories, Inc.  
 587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045  
 Tel. (860) 645-1102



# Analysis Report

November 04, 2025

FOR: Hennessy Engineering  
 P O Box 118  
 Voorheesville, NY 12186

Sample Information

Matrix: GROUND WATER  
 Location Code: HENNESSY  
 Rush Request: Standard  
 P.O.#:

Custody Information

Collected by: CC  
 Received by: SW  
 Analyzed by: see "By" below

Date

10/16/25  
 10/17/25

Time

15:20  
 16:50

## Laboratory Data

SDG ID: GCU53153  
 Phoenix ID: CU53154

Project ID: FORMER DELMAR ROXY CLEANERS  
 Client ID: MW-1, DUP

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
<b><u>Volatiles</u></b>								
1,1,1,2-Tetrachloroethane	ND	5.0	2.5	ug/L	10	10/20/25	MH	SW8260D
1,1,1-Trichloroethane	ND	5.0	2.5	ug/L	10	10/20/25	MH	SW8260D
1,1,2,2-Tetrachloroethane	ND	5.0	2.5	ug/L	10	10/20/25	MH	SW8260D
1,1,2-Trichloroethane	ND	2.5	2.5	ug/L	10	10/20/25	MH	SW8260D
1,1-Dichloroethane	ND	5.0	2.5	ug/L	10	10/20/25	MH	SW8260D
1,1-Dichloroethene	ND	5.0	2.5	ug/L	10	10/20/25	MH	SW8260D
1,1-Dichloropropene	ND	5.0	2.5	ug/L	10	10/20/25	MH	SW8260D
1,2,3-Trichlorobenzene	ND	10	2.5	ug/L	10	10/20/25	MH	SW8260D
1,2,3-Trichloropropane	ND	2.5	2.5	ug/L	10	10/20/25	MH	SW8260D
1,2,4-Trichlorobenzene	ND	10	2.5	ug/L	10	10/20/25	MH	SW8260D
1,2,4-Trimethylbenzene	ND	5.0	2.5	ug/L	10	10/20/25	MH	SW8260D
1,2-Dibromo-3-chloropropane	ND	5.0	5.0	ug/L	10	10/20/25	MH	SW8260D
1,2-Dibromoethane	ND	2.5	2.5	ug/L	10	10/20/25	MH	SW8260D
1,2-Dichlorobenzene	ND	4.7	2.5	ug/L	10	10/20/25	MH	SW8260D
1,2-Dichloroethane	ND	5.0	5.0	ug/L	10	10/20/25	MH	SW8260D
1,2-Dichloropropane	ND	2.5	2.5	ug/L	10	10/20/25	MH	SW8260D
1,3,5-Trimethylbenzene	ND	5.0	2.5	ug/L	10	10/20/25	MH	SW8260D
1,3-Dichlorobenzene	ND	3.0	2.5	ug/L	10	10/20/25	MH	SW8260D
1,3-Dichloropropane	ND	5.0	2.5	ug/L	10	10/20/25	MH	SW8260D
1,4-Dichlorobenzene	ND	5.0	2.5	ug/L	10	10/20/25	MH	SW8260D
2,2-Dichloropropane	ND	5.0	2.5	ug/L	10	10/20/25	MH	SW8260D
2-Chlorotoluene	ND	5.0	2.5	ug/L	10	10/20/25	MH	SW8260D
2-Hexanone	ND	25	25	ug/L	10	10/20/25	MH	SW8260D
2-Isopropyltoluene	ND	5.0	2.5	ug/L	10	10/20/25	MH	SW8260D
4-Chlorotoluene	ND	5.0	2.5	ug/L	10	10/20/25	MH	SW8260D
4-Methyl-2-pentanone	ND	25	25	ug/L	10	10/20/25	MH	SW8260D

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
Acetone	ND	50	25	ug/L	10	10/20/25	MH	SW8260D
Acrolein	ND	25	25	ug/L	10	10/20/25	MH	SW8260D
Acrylonitrile	ND	5.0	5.0	ug/L	10	10/20/25	MH	SW8260D
Benzene	ND	2.5	2.5	ug/L	10	10/20/25	MH	SW8260D
Bromobenzene	ND	5.0	2.5	ug/L	10	10/20/25	MH	SW8260D
Bromochloromethane	ND	5.0	2.5	ug/L	10	10/20/25	MH	SW8260D
Bromodichloromethane	ND	10	2.5	ug/L	10	10/20/25	MH	SW8260D
Bromoform	ND	50	2.5	ug/L	10	10/20/25	MH	SW8260D
Bromomethane	ND	5.0	5.0	ug/L	10	10/20/25	MH	SW8260D
Carbon Disulfide	ND	10	2.5	ug/L	10	10/20/25	MH	SW8260D
Carbon tetrachloride	ND	5.0	2.5	ug/L	10	10/20/25	MH	SW8260D
Chlorobenzene	ND	5.0	2.5	ug/L	10	10/20/25	MH	SW8260D
Chloroethane	ND	5.0	2.5	ug/L	10	10/20/25	MH	SW8260D
Chloroform	ND	7.0	2.5	ug/L	10	10/20/25	MH	SW8260D
Chloromethane	ND	5.0	2.5	ug/L	10	10/20/25	MH	SW8260D
cis-1,2-Dichloroethene	1300	100	25	ug/L	100	10/20/25	MH	SW8260D
cis-1,3-Dichloropropene	ND	2.5	2.5	ug/L	10	10/20/25	MH	SW8260D
Dibromochloromethane	ND	10	2.5	ug/L	10	10/20/25	MH	SW8260D
Dibromomethane	ND	5.0	2.5	ug/L	10	10/20/25	MH	SW8260D
Dichlorodifluoromethane	ND	5.0	2.5	ug/L	10	10/20/25	MH	SW8260D
Ethylbenzene	ND	5.0	2.5	ug/L	10	10/20/25	MH	SW8260D
Hexachlorobutadiene	ND	2.0	2.0	ug/L	10	10/20/25	MH	SW8260D
Isopropylbenzene	ND	5.0	2.5	ug/L	10	10/20/25	MH	SW8260D
m&p-Xylene	ND	10	2.5	ug/L	10	10/20/25	MH	SW8260D
Methyl ethyl ketone	ND	25	25	ug/L	10	10/20/25	MH	SW8260D
Methyl t-butyl ether (MTBE)	ND	10	2.5	ug/L	10	10/20/25	MH	SW8260D
Methylene chloride	ND	5.0	5.0	ug/L	10	10/20/25	MH	SW8260D
Naphthalene	ND	5.0	5.0	ug/L	10	10/20/25	MH	SW8260D
n-Butylbenzene	ND	5.0	2.5	ug/L	10	10/20/25	MH	SW8260D
n-Propylbenzene	ND	5.0	2.5	ug/L	10	10/20/25	MH	SW8260D
o-Xylene	ND	5.0	2.5	ug/L	10	10/20/25	MH	SW8260D
p-Isopropyltoluene	ND	5.0	2.5	ug/L	10	10/20/25	MH	SW8260D
sec-Butylbenzene	ND	5.0	2.5	ug/L	10	10/20/25	MH	SW8260D
Styrene	ND	5.0	2.5	ug/L	10	10/20/25	MH	SW8260D
tert-Butylbenzene	ND	5.0	2.5	ug/L	10	10/20/25	MH	SW8260D
Tetrachloroethene	2000	100	25	ug/L	100	10/20/25	MH	SW8260D
Tetrahydrofuran (THF)	ND	50	25	ug/L	10	10/20/25	MH	SW8260D
Toluene	ND	5.0	2.5	ug/L	10	10/20/25	MH	SW8260D
trans-1,2-Dichloroethene	11	J 5.0	2.5	ug/L	10	10/20/25	MH	SW8260D
trans-1,3-Dichloropropene	ND	2.5	2.5	ug/L	10	10/20/25	MH	SW8260D
trans-1,4-dichloro-2-butene	ND	25	25	ug/L	10	10/20/25	MH	SW8260D
Trichloroethene	810	100	25	ug/L	100	10/20/25	MH	SW8260D
Trichlorofluoromethane	ND	5.0	2.5	ug/L	10	10/20/25	MH	SW8260D
Trichlorotrifluoroethane	ND	5.0	2.5	ug/L	10	10/20/25	MH	SW8260D
Vinyl chloride	120	J 10	2.5	ug/L	10	10/20/25	MH	SW8260D
<b>QA/QC Surrogates</b>								
% 1,2-dichlorobenzene-d4 (10x)	106			%	10	10/20/25	MH	70 - 130 %
% Bromofluorobenzene (10x)	89			%	10	10/20/25	MH	70 - 130 %
% Dibromofluoromethane (10x)	103			%	10	10/20/25	MH	70 - 130 %

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
% Toluene-d8 (10x)	93			%	10	10/20/25	MH	70 - 130 %
% 1,2-dichlorobenzene-d4 (100x)	102			%	100	10/20/25	MH	70 - 130 %
% Bromofluorobenzene (100x)	92			%	100	10/20/25	MH	70 - 130 %
% Dibromofluoromethane (100x)	105			%	100	10/20/25	MH	70 - 130 %
% Toluene-d8 (100x)	100			%	100	10/20/25	MH	70 - 130 %

1 = This parameter is not certified by the primary accrediting authority (NY NELAC) for this matrix. NY NELAC does not offer certification for all parameters at this time.

RL/PQL=Reporting/Practical Quantitation Level (Equivalent to NELAC LOQ, Limit of Quantitation) ND=Not Detected BRL=Below Reporting Level L=Biased Low LOD=Limit of Detection MDL=Method Detection Limit<sup>1</sup>

QA/QC Surrogates: Surrogates are compounds (preceded with a %) added by the lab to determine analysis efficiency. Surrogate results(%) listed in the report are not "detected" compounds.

**Comments:**

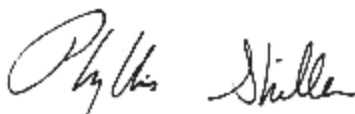
Volatile Comment:

Elevated reporting limits for volatiles due to the presence of target and/or non-target compounds.

Volatile Comment:

To achieve client's objectives, where the lowest calibration standard or LOD justifies lowering the RL/PQL, the RL/PQL of some compounds have been lowered to meet criteria.

If you are the client above and have any questions concerning this testing, please do not hesitate to contact Phoenix Client Services at ext.200. The contents of this report cannot be discussed with anyone other than the client listed above without their written consent.



**Phyllis Shiller, Laboratory Director**

**November 04, 2025**

**Reviewed and Released by: Rashmi Makol, Project Manager**



Environmental Laboratories, Inc.  
 587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045  
 Tel. (860) 645-1102



# Analysis Report

November 04, 2025

FOR: Hennessy Engineering  
 P O Box 118  
 Voorheesville, NY 12186

Sample Information

Matrix: GROUND WATER  
 Location Code: HENNESSY  
 Rush Request: Standard  
 P.O.#:

Custody Information

Collected by: CC  
 Received by: SW  
 Analyzed by: see "By" below

Date

10/16/25  
 10/17/25

Time

14:45  
 16:50

## Laboratory Data

SDG ID: GCU53153  
 Phoenix ID: CU53155

Project ID: FORMER DELMAR ROXY CLEANERS  
 Client ID: MW-2 R

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference	
<b><u>Volatiles</u></b>									
1,1,1,2-Tetrachloroethane	ND	1.0	0.25	ug/L	1	10/23/25	MH	SW8260D	
1,1,1-Trichloroethane	ND	5.0	0.25	ug/L	1	10/23/25	MH	SW8260D	
1,1,2,2-Tetrachloroethane	ND	1.0	0.25	ug/L	1	10/23/25	MH	SW8260D	
1,1,2-Trichloroethane	ND	1.0	0.25	ug/L	1	10/23/25	MH	SW8260D	
1,1-Dichloroethane	ND	5.0	0.25	ug/L	1	10/23/25	MH	SW8260D	
1,1-Dichloroethene	ND	1.0	0.25	ug/L	1	10/23/25	MH	SW8260D	
1,1-Dichloropropene	ND	1.0	0.25	ug/L	1	10/23/25	MH	SW8260D	
1,2,3-Trichlorobenzene	ND	1.0	0.25	ug/L	1	10/23/25	MH	SW8260D	
1,2,3-Trichloropropane	ND	0.25	0.25	ug/L	1	10/23/25	MH	SW8260D	
1,2,4-Trichlorobenzene	ND	1.0	0.25	ug/L	1	10/23/25	MH	SW8260D	
1,2,4-Trimethylbenzene	ND	1.0	0.25	ug/L	1	10/23/25	MH	SW8260D	
1,2-Dibromo-3-chloropropane	ND	0.50	0.50	ug/L	1	10/23/25	MH	SW8260D	
1,2-Dibromoethane	ND	0.25	0.25	ug/L	1	10/23/25	MH	SW8260D	
1,2-Dichlorobenzene	ND	1.0	0.25	ug/L	1	10/23/25	MH	SW8260D	
1,2-Dichloroethane	ND	0.60	0.50	ug/L	1	10/23/25	MH	SW8260D	
1,2-Dichloropropane	ND	1.0	0.25	ug/L	1	10/23/25	MH	SW8260D	
1,3,5-Trimethylbenzene	ND	1.0	0.25	ug/L	1	10/23/25	MH	SW8260D	
1,3-Dichlorobenzene	ND	1.0	0.25	ug/L	1	10/23/25	MH	SW8260D	
1,3-Dichloropropane	ND	1.0	0.25	ug/L	1	10/23/25	MH	SW8260D	
1,4-Dichlorobenzene	ND	1.0	0.25	ug/L	1	10/23/25	MH	SW8260D	
2,2-Dichloropropane	ND	1.0	0.25	ug/L	1	10/23/25	MH	SW8260D	
2-Chlorotoluene	ND	1.0	0.25	ug/L	1	10/23/25	MH	SW8260D	
2-Hexanone	ND	2.5	2.5	ug/L	1	10/23/25	MH	SW8260D	
2-Isopropyltoluene	ND	1.0	0.25	ug/L	1	10/23/25	MH	SW8260D	
4-Chlorotoluene	ND	1.0	0.25	ug/L	1	10/23/25	MH	SW8260D	
4-Methyl-2-pentanone	ND	2.5	2.5	ug/L	1	10/23/25	MH	SW8260D	

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
Acetone	ND	5.0	2.5	ug/L	1	10/23/25	MH	SW8260D
Acrolein	ND	5.0	2.5	ug/L	1	10/23/25	MH	SW8260D
Acrylonitrile	ND	5.0	2.5	ug/L	1	10/23/25	MH	SW8260D
Benzene	0.41	J 0.70	0.25	ug/L	1	10/23/25	MH	SW8260D
Bromobenzene	ND	1.0	0.25	ug/L	1	10/23/25	MH	SW8260D
Bromochloromethane	ND	1.0	0.25	ug/L	1	10/23/25	MH	SW8260D
Bromodichloromethane	ND	1.0	0.25	ug/L	1	10/23/25	MH	SW8260D
Bromoform	ND	5.0	0.25	ug/L	1	10/23/25	MH	SW8260D
Bromomethane	ND	5.0	0.50	ug/L	1	10/23/25	MH	SW8260D
Carbon Disulfide	ND	1.0	0.25	ug/L	1	10/23/25	MH	SW8260D
Carbon tetrachloride	ND	1.0	0.25	ug/L	1	10/23/25	MH	SW8260D
Chlorobenzene	ND	5.0	0.25	ug/L	1	10/23/25	MH	SW8260D
Chloroethane	ND	5.0	0.25	ug/L	1	10/23/25	MH	SW8260D
Chloroform	ND	5.0	0.25	ug/L	1	10/23/25	MH	SW8260D
Chloromethane	ND	5.0	0.25	ug/L	1	10/23/25	MH	SW8260D
cis-1,2-Dichloroethene	ND	1.0	0.25	ug/L	1	10/23/25	MH	SW8260D
cis-1,3-Dichloropropene	ND	0.40	0.25	ug/L	1	10/23/25	MH	SW8260D
Dibromochloromethane	ND	1.0	0.25	ug/L	1	10/23/25	MH	SW8260D
Dibromomethane	ND	1.0	0.25	ug/L	1	10/23/25	MH	SW8260D
Dichlorodifluoromethane	ND	1.0	0.25	ug/L	1	10/23/25	MH	SW8260D
Ethylbenzene	ND	1.0	0.25	ug/L	1	10/23/25	MH	SW8260D
Hexachlorobutadiene	ND	0.50	0.20	ug/L	1	10/23/25	MH	SW8260D
Isopropylbenzene	ND	1.0	0.25	ug/L	1	10/23/25	MH	SW8260D
m&p-Xylene	ND	1.0	0.25	ug/L	1	10/23/25	MH	SW8260D
Methyl ethyl ketone	ND	2.5	2.5	ug/L	1	10/23/25	MH	SW8260D
Methyl t-butyl ether (MTBE)	ND	1.0	0.25	ug/L	1	10/23/25	MH	SW8260D
Methylene chloride	ND	3.0	1.0	ug/L	1	10/23/25	MH	SW8260D
Naphthalene	ND	1.0	1.0	ug/L	1	10/23/25	MH	SW8260D
n-Butylbenzene	ND	1.0	0.25	ug/L	1	10/23/25	MH	SW8260D
n-Propylbenzene	ND	1.0	0.25	ug/L	1	10/23/25	MH	SW8260D
o-Xylene	ND	1.0	0.25	ug/L	1	10/23/25	MH	SW8260D
p-Isopropyltoluene	ND	1.0	0.25	ug/L	1	10/23/25	MH	SW8260D
sec-Butylbenzene	ND	1.0	0.25	ug/L	1	10/23/25	MH	SW8260D
Styrene	ND	1.0	0.25	ug/L	1	10/23/25	MH	SW8260D
tert-Butylbenzene	ND	1.0	0.25	ug/L	1	10/23/25	MH	SW8260D
Tetrachloroethene	ND	1.0	0.25	ug/L	1	10/23/25	MH	SW8260D
Tetrahydrofuran (THF)	ND	5.0	2.5	ug/L	1	10/23/25	MH	SW8260D
Toluene	ND	1.0	0.25	ug/L	1	10/23/25	MH	SW8260D
trans-1,2-Dichloroethene	ND	5.0	0.25	ug/L	1	10/23/25	MH	SW8260D
trans-1,3-Dichloropropene	ND	0.40	0.25	ug/L	1	10/23/25	MH	SW8260D
trans-1,4-dichloro-2-butene	ND	2.5	2.5	ug/L	1	10/23/25	MH	SW8260D
Trichloroethene	ND	1.0	0.25	ug/L	1	10/23/25	MH	SW8260D
Trichlorofluoromethane	ND	1.0	0.25	ug/L	1	10/23/25	MH	SW8260D
Trichlorotrifluoroethane	ND	1.0	0.25	ug/L	1	10/23/25	MH	SW8260D
Vinyl chloride	ND	1.0	0.25	ug/L	1	10/23/25	MH	SW8260D
<b>QA/QC Surrogates</b>								
% 1,2-dichlorobenzene-d4	105			%	1	10/23/25	MH	70 - 130 %
% Bromofluorobenzene	92			%	1	10/23/25	MH	70 - 130 %
% Dibromofluoromethane	103			%	1	10/23/25	MH	70 - 130 %

1

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
% Toluene-d8	94			%	1	10/23/25	MH	70 - 130 %

1 = This parameter is not certified by the primary accrediting authority (NY NELAC) for this matrix. NY NELAC does not offer certification for all parameters at this time.

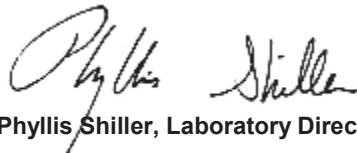
RL/PQL=Reporting/Practical Quantitation Level (Equivalent to NELAC LOQ, Limit of Quantitation) ND=Not Detected BRL=Below Reporting Level L=Biased Low J=Estimated Below RL LOD=Limit of Detection MDL=Method Detection Limit  
QA/QC Surrogates: Surrogates are compounds (preceded with a %) added by the lab to determine analysis efficiency. Surrogate results(%) listed in the report are not "detected" compounds.

**Comments:**

**Volatile Comment:**

To achieve client's objectives, where the lowest calibration standard or LOD justifies lowering the RL/PQL, the RL/PQL of some compounds have been lowered to meet criteria.

If you are the client above and have any questions concerning this testing, please do not hesitate to contact Phoenix Client Services at ext.200. The contents of this report cannot be discussed with anyone other than the client listed above without their written consent.



**Phyllis Shiller, Laboratory Director**

**November 04, 2025**

**Reviewed and Released by: Rashmi Makol, Project Manager**



Environmental Laboratories, Inc.  
 587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045  
 Tel. (860) 645-1102



# Analysis Report

November 04, 2025

FOR: Hennessy Engineering  
 P O Box 118  
 Voorheesville, NY 12186

### Sample Information

Matrix: GROUND WATER  
 Location Code: HENNESSY  
 Rush Request: Standard  
 P.O.#:

### Custody Information

Collected by: CC  
 Received by: SW  
 Analyzed by: see "By" below

### Date

10/16/25  
 10/17/25

### Time

14:40  
 16:50

## Laboratory Data

SDG ID: GCU53153  
 Phoenix ID: CU53156

Project ID: FORMER DELMAR ROXY CLEANERS  
 Client ID: MW-2 DR

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference	
<b>Volatiles</b>									
1,1,1,2-Tetrachloroethane	ND	1.0	0.25	ug/L	1	10/23/25	MH	SW8260D	
1,1,1-Trichloroethane	ND	5.0	0.25	ug/L	1	10/23/25	MH	SW8260D	
1,1,2,2-Tetrachloroethane	ND	1.0	0.25	ug/L	1	10/23/25	MH	SW8260D	
1,1,2-Trichloroethane	ND	1.0	0.25	ug/L	1	10/23/25	MH	SW8260D	
1,1-Dichloroethane	ND	5.0	0.25	ug/L	1	10/23/25	MH	SW8260D	
1,1-Dichloroethene	ND	1.0	0.25	ug/L	1	10/23/25	MH	SW8260D	
1,1-Dichloropropene	ND	1.0	0.25	ug/L	1	10/23/25	MH	SW8260D	
1,2,3-Trichlorobenzene	ND	1.0	0.25	ug/L	1	10/23/25	MH	SW8260D	
1,2,3-Trichloropropane	ND	0.25	0.25	ug/L	1	10/23/25	MH	SW8260D	
1,2,4-Trichlorobenzene	ND	1.0	0.25	ug/L	1	10/23/25	MH	SW8260D	
1,2,4-Trimethylbenzene	ND	1.0	0.25	ug/L	1	10/23/25	MH	SW8260D	
1,2-Dibromo-3-chloropropane	ND	0.50	0.50	ug/L	1	10/23/25	MH	SW8260D	
1,2-Dibromoethane	ND	0.25	0.25	ug/L	1	10/23/25	MH	SW8260D	
1,2-Dichlorobenzene	ND	1.0	0.25	ug/L	1	10/23/25	MH	SW8260D	
1,2-Dichloroethane	ND	0.60	0.50	ug/L	1	10/23/25	MH	SW8260D	
1,2-Dichloropropane	ND	1.0	0.25	ug/L	1	10/23/25	MH	SW8260D	
1,3,5-Trimethylbenzene	ND	1.0	0.25	ug/L	1	10/23/25	MH	SW8260D	
1,3-Dichlorobenzene	ND	1.0	0.25	ug/L	1	10/23/25	MH	SW8260D	
1,3-Dichloropropane	ND	1.0	0.25	ug/L	1	10/23/25	MH	SW8260D	
1,4-Dichlorobenzene	ND	1.0	0.25	ug/L	1	10/23/25	MH	SW8260D	
2,2-Dichloropropane	ND	1.0	0.25	ug/L	1	10/23/25	MH	SW8260D	
2-Chlorotoluene	ND	1.0	0.25	ug/L	1	10/23/25	MH	SW8260D	
2-Hexanone	ND	2.5	2.5	ug/L	1	10/23/25	MH	SW8260D	
2-Isopropyltoluene	ND	1.0	0.25	ug/L	1	10/23/25	MH	SW8260D	
4-Chlorotoluene	ND	1.0	0.25	ug/L	1	10/23/25	MH	SW8260D	
4-Methyl-2-pentanone	ND	2.5	2.5	ug/L	1	10/23/25	MH	SW8260D	

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
Acetone	2.6	JS 5.0	2.5	ug/L	1	10/23/25	MH	SW8260D
Acrolein	ND	5.0	2.5	ug/L	1	10/23/25	MH	SW8260D
Acrylonitrile	ND	5.0	2.5	ug/L	1	10/23/25	MH	SW8260D
Benzene	ND	0.70	0.25	ug/L	1	10/23/25	MH	SW8260D
Bromobenzene	ND	1.0	0.25	ug/L	1	10/23/25	MH	SW8260D
Bromochloromethane	ND	1.0	0.25	ug/L	1	10/23/25	MH	SW8260D
Bromodichloromethane	ND	1.0	0.25	ug/L	1	10/23/25	MH	SW8260D
Bromoform	ND	5.0	0.25	ug/L	1	10/23/25	MH	SW8260D
Bromomethane	ND	5.0	0.50	ug/L	1	10/23/25	MH	SW8260D
Carbon Disulfide	ND	1.0	0.25	ug/L	1	10/23/25	MH	SW8260D
Carbon tetrachloride	ND	1.0	0.25	ug/L	1	10/23/25	MH	SW8260D
Chlorobenzene	ND	5.0	0.25	ug/L	1	10/23/25	MH	SW8260D
Chloroethane	ND	5.0	0.25	ug/L	1	10/23/25	MH	SW8260D
Chloroform	ND	5.0	0.25	ug/L	1	10/23/25	MH	SW8260D
Chloromethane	ND	5.0	0.25	ug/L	1	10/23/25	MH	SW8260D
cis-1,2-Dichloroethene	0.50	J 1.0	0.25	ug/L	1	10/23/25	MH	SW8260D
cis-1,3-Dichloropropene	ND	0.40	0.25	ug/L	1	10/23/25	MH	SW8260D
Dibromochloromethane	ND	1.0	0.25	ug/L	1	10/23/25	MH	SW8260D
Dibromomethane	ND	1.0	0.25	ug/L	1	10/23/25	MH	SW8260D
Dichlorodifluoromethane	ND	1.0	0.25	ug/L	1	10/23/25	MH	SW8260D
Ethylbenzene	ND	1.0	0.25	ug/L	1	10/23/25	MH	SW8260D
Hexachlorobutadiene	ND	0.50	0.20	ug/L	1	10/23/25	MH	SW8260D
Isopropylbenzene	ND	1.0	0.25	ug/L	1	10/23/25	MH	SW8260D
m&p-Xylene	ND	1.0	0.25	ug/L	1	10/23/25	MH	SW8260D
Methyl ethyl ketone	ND	2.5	2.5	ug/L	1	10/23/25	MH	SW8260D
Methyl t-butyl ether (MTBE)	ND	1.0	0.25	ug/L	1	10/23/25	MH	SW8260D
Methylene chloride	ND	3.0	1.0	ug/L	1	10/23/25	MH	SW8260D
Naphthalene	ND	1.0	1.0	ug/L	1	10/23/25	MH	SW8260D
n-Butylbenzene	ND	1.0	0.25	ug/L	1	10/23/25	MH	SW8260D
n-Propylbenzene	ND	1.0	0.25	ug/L	1	10/23/25	MH	SW8260D
o-Xylene	ND	1.0	0.25	ug/L	1	10/23/25	MH	SW8260D
p-Isopropyltoluene	ND	1.0	0.25	ug/L	1	10/23/25	MH	SW8260D
sec-Butylbenzene	ND	1.0	0.25	ug/L	1	10/23/25	MH	SW8260D
Styrene	ND	1.0	0.25	ug/L	1	10/23/25	MH	SW8260D
tert-Butylbenzene	ND	1.0	0.25	ug/L	1	10/23/25	MH	SW8260D
Tetrachloroethene	ND	1.0	0.25	ug/L	1	10/23/25	MH	SW8260D
Tetrahydrofuran (THF)	ND	5.0	2.5	ug/L	1	10/23/25	MH	SW8260D
Toluene	ND	1.0	0.25	ug/L	1	10/23/25	MH	SW8260D
trans-1,2-Dichloroethene	ND	5.0	0.25	ug/L	1	10/23/25	MH	SW8260D
trans-1,3-Dichloropropene	ND	0.40	0.25	ug/L	1	10/23/25	MH	SW8260D
trans-1,4-dichloro-2-butene	ND	2.5	2.5	ug/L	1	10/23/25	MH	SW8260D
Trichloroethene	0.29	J 1.0	0.25	ug/L	1	10/23/25	MH	SW8260D
Trichlorofluoromethane	ND	1.0	0.25	ug/L	1	10/23/25	MH	SW8260D
Trichlorotrifluoroethane	ND	1.0	0.25	ug/L	1	10/23/25	MH	SW8260D
Vinyl chloride	ND	1.0	0.25	ug/L	1	10/23/25	MH	SW8260D
<b>QA/QC Surrogates</b>								
% 1,2-dichlorobenzene-d4	109			%	1	10/23/25	MH	70 - 130 %
% Bromofluorobenzene	91			%	1	10/23/25	MH	70 - 130 %
% Dibromofluoromethane	103			%	1	10/23/25	MH	70 - 130 %

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
% Toluene-d8	92			%	1	10/23/25	MH	70 - 130 %

1 = This parameter is not certified by the primary accrediting authority (NY NELAC) for this matrix. NY NELAC does not offer certification for all parameters at this time.

RL/PQL=Reporting/Practical Quantitation Level (Equivalent to NELAC LOQ, Limit of Quantitation) ND=Not Detected BRL=Below Reporting Level L=Biased Low J=Estimated Below RL LOD=Limit of Detection MDL=Method Detection Limit  
QA/QC Surrogates: Surrogates are compounds (preceded with a %) added by the lab to determine analysis efficiency. Surrogate results(%) listed in the report are not "detected" compounds.

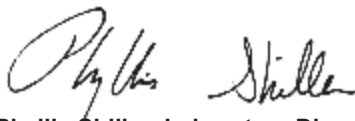
**Comments:**

**Volatile Comment:**

To achieve client's objectives, where the lowest calibration standard or LOD justifies lowering the RL/PQL, the RL/PQL of some compounds have been lowered to meet criteria.

S - Laboratory solvent, contamination is possible.

If you are the client above and have any questions concerning this testing, please do not hesitate to contact Phoenix Client Services at ext.200. The contents of this report cannot be discussed with anyone other than the client listed above without their written consent.



**Phyllis Shiller, Laboratory Director**

**November 04, 2025**

**Reviewed and Released by: Rashmi Makol, Project Manager**



Environmental Laboratories, Inc.  
 587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045  
 Tel. (860) 645-1102



# Analysis Report

November 04, 2025

FOR: Hennessy Engineering  
 P O Box 118  
 Voorheesville, NY 12186

Sample Information

Matrix: GROUND WATER  
 Location Code: HENNESSY  
 Rush Request: Standard  
 P.O.#:

Custody Information

Collected by: CC  
 Received by: SW  
 Analyzed by: see "By" below

Date

10/16/25  
 10/17/25

Time

15:50  
 16:50

## Laboratory Data

SDG ID: GCU53153  
 Phoenix ID: CU53157

Project ID: FORMER DELMAR ROXY CLEANERS  
 Client ID: MW-3

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
Client MS/MSD	Completed					10/20/25		

### Volatiles

1,1,1,2-Tetrachloroethane	ND	1.0	0.25	ug/L	1	10/19/25	MH	SW8260D
1,1,1-Trichloroethane	ND	5.0	0.25	ug/L	1	10/19/25	MH	SW8260D
1,1,2,2-Tetrachloroethane	ND	1.0	0.25	ug/L	1	10/19/25	MH	SW8260D
1,1,2-Trichloroethane	ND	1.0	0.25	ug/L	1	10/19/25	MH	SW8260D
1,1-Dichloroethane	ND	5.0	0.25	ug/L	1	10/19/25	MH	SW8260D
1,1-Dichloroethene	1.2	1.0	0.25	ug/L	1	10/19/25	MH	SW8260D
1,1-Dichloropropene	ND	1.0	0.25	ug/L	1	10/19/25	MH	SW8260D
1,2,3-Trichlorobenzene	ND	1.0	0.25	ug/L	1	10/19/25	MH	SW8260D
1,2,3-Trichloropropane	ND	0.25	0.25	ug/L	1	10/19/25	MH	SW8260D
1,2,4-Trichlorobenzene	ND	1.0	0.25	ug/L	1	10/19/25	MH	SW8260D
1,2,4-Trimethylbenzene	ND	1.0	0.25	ug/L	1	10/19/25	MH	SW8260D
1,2-Dibromo-3-chloropropane	ND	0.50	0.50	ug/L	1	10/19/25	MH	SW8260D
1,2-Dibromoethane	ND	0.25	0.25	ug/L	1	10/19/25	MH	SW8260D
1,2-Dichlorobenzene	ND	1.0	0.25	ug/L	1	10/19/25	MH	SW8260D
1,2-Dichloroethane	ND	0.60	0.50	ug/L	1	10/19/25	MH	SW8260D
1,2-Dichloropropane	ND	1.0	0.25	ug/L	1	10/19/25	MH	SW8260D
1,3,5-Trimethylbenzene	ND	1.0	0.25	ug/L	1	10/19/25	MH	SW8260D
1,3-Dichlorobenzene	ND	1.0	0.25	ug/L	1	10/19/25	MH	SW8260D
1,3-Dichloropropane	ND	1.0	0.25	ug/L	1	10/19/25	MH	SW8260D
1,4-Dichlorobenzene	ND	1.0	0.25	ug/L	1	10/19/25	MH	SW8260D
2,2-Dichloropropane	ND	1.0	0.25	ug/L	1	10/19/25	MH	SW8260D
2-Chlorotoluene	ND	1.0	0.25	ug/L	1	10/19/25	MH	SW8260D
2-Hexanone	ND	2.5	2.5	ug/L	1	10/19/25	MH	SW8260D
2-Isopropyltoluene	ND	1.0	0.25	ug/L	1	10/19/25	MH	SW8260D
4-Chlorotoluene	ND	1.0	0.25	ug/L	1	10/19/25	MH	SW8260D

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
4-Methyl-2-pentanone	ND	2.5	2.5	ug/L	1	10/19/25	MH	SW8260D
Acetone	ND	5.0	2.5	ug/L	1	10/19/25	MH	SW8260D
Acrolein	ND	5.0	2.5	ug/L	1	10/19/25	MH	SW8260D
Acrylonitrile	ND	5.0	2.5	ug/L	1	10/19/25	MH	SW8260D
Benzene	ND	0.70	0.25	ug/L	1	10/19/25	MH	SW8260D
Bromobenzene	ND	1.0	0.25	ug/L	1	10/19/25	MH	SW8260D
Bromochloromethane	ND	1.0	0.25	ug/L	1	10/19/25	MH	SW8260D
Bromodichloromethane	ND	1.0	0.25	ug/L	1	10/19/25	MH	SW8260D
Bromoform	ND	5.0	0.25	ug/L	1	10/19/25	MH	SW8260D
Bromomethane	ND	UJ 5.0	0.50	ug/L	1	10/19/25	MH	SW8260D
Carbon Disulfide	ND	1.0	0.25	ug/L	1	10/19/25	MH	SW8260D
Carbon tetrachloride	ND	1.0	0.25	ug/L	1	10/19/25	MH	SW8260D
Chlorobenzene	ND	5.0	0.25	ug/L	1	10/19/25	MH	SW8260D
Chloroethane	ND	5.0	0.25	ug/L	1	10/19/25	MH	SW8260D
Chloroform	ND	5.0	0.25	ug/L	1	10/19/25	MH	SW8260D
Chloromethane	ND	5.0	0.25	ug/L	1	10/19/25	MH	SW8260D
cis-1,2-Dichloroethene	540	50	13	ug/L	50	10/20/25	MH	SW8260D
cis-1,3-Dichloropropene	ND	0.40	0.25	ug/L	1	10/19/25	MH	SW8260D
Dibromochloromethane	ND	1.0	0.25	ug/L	1	10/19/25	MH	SW8260D
Dibromomethane	ND	1.0	0.25	ug/L	1	10/19/25	MH	SW8260D
Dichlorodifluoromethane	ND	1.0	0.25	ug/L	1	10/19/25	MH	SW8260D
Ethylbenzene	ND	1.0	0.25	ug/L	1	10/19/25	MH	SW8260D
Hexachlorobutadiene	ND	0.50	0.20	ug/L	1	10/19/25	MH	SW8260D
Isopropylbenzene	ND	1.0	0.25	ug/L	1	10/19/25	MH	SW8260D
m&p-Xylene	ND	1.0	0.25	ug/L	1	10/19/25	MH	SW8260D
Methyl ethyl ketone	ND	2.5	2.5	ug/L	1	10/19/25	MH	SW8260D
Methyl t-butyl ether (MTBE)	ND	1.0	0.25	ug/L	1	10/19/25	MH	SW8260D
Methylene chloride	ND	3.0	1.0	ug/L	1	10/19/25	MH	SW8260D
Naphthalene	ND	1.0	1.0	ug/L	1	10/19/25	MH	SW8260D
n-Butylbenzene	ND	1.0	0.25	ug/L	1	10/19/25	MH	SW8260D
n-Propylbenzene	ND	1.0	0.25	ug/L	1	10/19/25	MH	SW8260D
o-Xylene	ND	1.0	0.25	ug/L	1	10/19/25	MH	SW8260D
p-Isopropyltoluene	ND	1.0	0.25	ug/L	1	10/19/25	MH	SW8260D
sec-Butylbenzene	ND	1.0	0.25	ug/L	1	10/19/25	MH	SW8260D
Styrene	ND	1.0	0.25	ug/L	1	10/19/25	MH	SW8260D
tert-Butylbenzene	ND	1.0	0.25	ug/L	1	10/19/25	MH	SW8260D
Tetrachloroethene	59	5.0	1.3	ug/L	5	10/20/25	MH	SW8260D
Tetrahydrofuran (THF)	ND	5.0	2.5	ug/L	1	10/19/25	MH	SW8260D
Toluene	ND	1.0	0.25	ug/L	1	10/19/25	MH	SW8260D
trans-1,2-Dichloroethene	6.6	5.0	0.25	ug/L	1	10/19/25	MH	SW8260D
trans-1,3-Dichloropropene	ND	0.40	0.25	ug/L	1	10/19/25	MH	SW8260D
trans-1,4-dichloro-2-butene	ND	2.5	2.5	ug/L	1	10/19/25	MH	SW8260D
Trichloroethene	58	5.0	1.3	ug/L	5	10/20/25	MH	SW8260D
Trichlorofluoromethane	ND	1.0	0.25	ug/L	1	10/19/25	MH	SW8260D
Trichlorotrifluoroethane	ND	1.0	0.25	ug/L	1	10/19/25	MH	SW8260D
Vinyl chloride	95	5.0	1.3	ug/L	5	10/20/25	MH	SW8260D
<b>QA/QC Surrogates</b>								
% 1,2-dichlorobenzene-d4	107			%	1	10/19/25	MH	70 - 130 %
% Bromofluorobenzene	90			%	1	10/19/25	MH	70 - 130 %

1

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
% Dibromofluoromethane	105			%	1	10/19/25	MH	70 - 130 %
% Toluene-d8	94			%	1	10/19/25	MH	70 - 130 %
% 1,2-dichlorobenzene-d4 (5x)	105			%	5	10/20/25	MH	70 - 130 %
% Bromofluorobenzene (5x)	90			%	5	10/20/25	MH	70 - 130 %
% Dibromofluoromethane (5x)	109			%	5	10/20/25	MH	70 - 130 %
% Toluene-d8 (5x)	99			%	5	10/20/25	MH	70 - 130 %
% 1,2-dichlorobenzene-d4 (50x)	103			%	50	10/20/25	MH	70 - 130 %
% Bromofluorobenzene (50x)	89			%	50	10/20/25	MH	70 - 130 %
% Dibromofluoromethane (50x)	99			%	50	10/20/25	MH	70 - 130 %
% Toluene-d8 (50x)	101			%	50	10/20/25	MH	70 - 130 %

1 = This parameter is not certified by the primary accrediting authority (NY NELAC) for this matrix. NY NELAC does not offer certification for all parameters at this time.

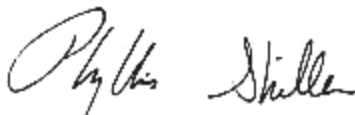
RL/PQL=Reporting/Practical Quantitation Level (Equivalent to NELAC LOQ, Limit of Quantitation) ND=Not Detected BRL=Below Reporting Level L=Biased Low LOD=Limit of Detection MDL=Method Detection Limit  
 QA/QC Surrogates: Surrogates are compounds (preceded with a %) added by the lab to determine analysis efficiency. Surrogate results(%) listed in the report are not "detected" compounds.

**Comments:**

Volatile Comment:

To achieve client's objectives, where the lowest calibration standard or LOD justifies lowering the RL/PQL, the RL/PQL of some compounds have been lowered to meet criteria.

If you are the client above and have any questions concerning this testing, please do not hesitate to contact Phoenix Client Services at ext.200. The contents of this report cannot be discussed with anyone other than the client listed above without their written consent.



**Phyllis Shiller, Laboratory Director**

**November 04, 2025**

**Reviewed and Released by: Rashmi Makol, Project Manager**



Environmental Laboratories, Inc.

587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045  
Tel. (860) 645-1102



Analysis Report

November 04, 2025

FOR: Hennessy Engineering  
P O Box 118  
Voorheesville, NY 12186

Sample Information

Matrix: GROUND WATER  
Location Code: HENNESSY  
Rush Request: Standard  
P.O.#:

Custody Information

Collected by: CC  
Received by: SW  
Analyzed by: see "By" below

Date

10/16/25  
10/17/25

Time

14:10  
16:50

Laboratory Data

SDG ID: GCU53153  
Phoenix ID: CU53158

Project ID: FORMER DELMAR ROXY CLEANERS  
Client ID: MW-4

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
<b>Volatiles</b>								
1,1,1,2-Tetrachloroethane	ND	2.0	0.50	ug/L	2	10/23/25	MH	SW8260D
1,1,1-Trichloroethane	ND	5.0	0.50	ug/L	2	10/23/25	MH	SW8260D
1,1,2,2-Tetrachloroethane	ND	2.0	0.50	ug/L	2	10/23/25	MH	SW8260D
1,1,2-Trichloroethane	ND	1.0	0.50	ug/L	2	10/23/25	MH	SW8260D
1,1-Dichloroethane	ND	5.0	0.50	ug/L	2	10/23/25	MH	SW8260D
1,1-Dichloroethene	ND	2.0	0.50	ug/L	2	10/23/25	MH	SW8260D
1,1-Dichloropropene	ND	2.0	0.50	ug/L	2	10/23/25	MH	SW8260D
1,2,3-Trichlorobenzene	ND	2.0	0.50	ug/L	2	10/23/25	MH	SW8260D
1,2,3-Trichloropropane	ND	0.50	0.50	ug/L	2	10/23/25	MH	SW8260D
1,2,4-Trichlorobenzene	ND	2.0	0.50	ug/L	2	10/23/25	MH	SW8260D
1,2,4-Trimethylbenzene	ND	2.0	0.50	ug/L	2	10/23/25	MH	SW8260D
1,2-Dibromo-3-chloropropane	ND	1.0	1.0	ug/L	2	10/23/25	MH	SW8260D
1,2-Dibromoethane	ND	0.50	0.50	ug/L	2	10/23/25	MH	SW8260D
1,2-Dichlorobenzene	ND	2.0	0.50	ug/L	2	10/23/25	MH	SW8260D
1,2-Dichloroethane	ND	1.0	1.0	ug/L	2	10/23/25	MH	SW8260D
1,2-Dichloropropane	ND	1.0	0.50	ug/L	2	10/23/25	MH	SW8260D
1,3,5-Trimethylbenzene	ND	2.0	0.50	ug/L	2	10/23/25	MH	SW8260D
1,3-Dichlorobenzene	ND	2.0	0.50	ug/L	2	10/23/25	MH	SW8260D
1,3-Dichloropropane	ND	2.0	0.50	ug/L	2	10/23/25	MH	SW8260D
1,4-Dichlorobenzene	ND	2.0	0.50	ug/L	2	10/23/25	MH	SW8260D
2,2-Dichloropropane	ND	2.0	0.50	ug/L	2	10/23/25	MH	SW8260D
2-Chlorotoluene	ND	2.0	0.50	ug/L	2	10/23/25	MH	SW8260D
2-Hexanone	ND	5.0	5.0	ug/L	2	10/23/25	MH	SW8260D
2-Isopropyltoluene	ND	2.0	0.50	ug/L	2	10/23/25	MH	SW8260D
4-Chlorotoluene	ND	2.0	0.50	ug/L	2	10/23/25	MH	SW8260D
4-Methyl-2-pentanone	ND	5.0	5.0	ug/L	2	10/23/25	MH	SW8260D

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
Acetone	ND	10	5.0	ug/L	2	10/23/25	MH	SW8260D
Acrolein	ND	5.0	5.0	ug/L	2	10/23/25	MH	SW8260D
Acrylonitrile	ND	5.0	5.0	ug/L	2	10/23/25	MH	SW8260D
Benzene	ND	0.70	0.50	ug/L	2	10/23/25	MH	SW8260D
Bromobenzene	ND	2.0	0.50	ug/L	2	10/23/25	MH	SW8260D
Bromochloromethane	ND	2.0	0.50	ug/L	2	10/23/25	MH	SW8260D
Bromodichloromethane	ND	2.0	0.50	ug/L	2	10/23/25	MH	SW8260D
Bromoform	ND	10	0.50	ug/L	2	10/23/25	MH	SW8260D
Bromomethane	ND	5.0	1.0	ug/L	2	10/23/25	MH	SW8260D
Carbon Disulfide	ND	2.0	0.50	ug/L	2	10/23/25	MH	SW8260D
Carbon tetrachloride	ND	2.0	0.50	ug/L	2	10/23/25	MH	SW8260D
Chlorobenzene	ND	5.0	0.50	ug/L	2	10/23/25	MH	SW8260D
Chloroethane	ND	5.0	0.50	ug/L	2	10/23/25	MH	SW8260D
Chloroform	ND	7.0	0.50	ug/L	2	10/23/25	MH	SW8260D
Chloromethane	ND	5.0	0.50	ug/L	2	10/23/25	MH	SW8260D
cis-1,2-Dichloroethene	ND	2.0	0.50	ug/L	2	10/23/25	MH	SW8260D
cis-1,3-Dichloropropene	ND	0.50	0.50	ug/L	2	10/23/25	MH	SW8260D
Dibromochloromethane	ND	2.0	0.50	ug/L	2	10/23/25	MH	SW8260D
Dibromomethane	ND	2.0	0.50	ug/L	2	10/23/25	MH	SW8260D
Dichlorodifluoromethane	ND	2.0	0.50	ug/L	2	10/23/25	MH	SW8260D
Ethylbenzene	ND	2.0	0.50	ug/L	2	10/23/25	MH	SW8260D
Hexachlorobutadiene	ND	0.50	0.40	ug/L	2	10/23/25	MH	SW8260D
Isopropylbenzene	ND	2.0	0.50	ug/L	2	10/23/25	MH	SW8260D
m&p-Xylene	ND	2.0	0.50	ug/L	2	10/23/25	MH	SW8260D
Methyl ethyl ketone	ND	5.0	5.0	ug/L	2	10/23/25	MH	SW8260D
Methyl t-butyl ether (MTBE)	ND	2.0	0.50	ug/L	2	10/23/25	MH	SW8260D
Methylene chloride	ND	5.0	2.0	ug/L	2	10/23/25	MH	SW8260D
Naphthalene	ND	2.0	2.0	ug/L	2	10/23/25	MH	SW8260D
n-Butylbenzene	ND	2.0	0.50	ug/L	2	10/23/25	MH	SW8260D
n-Propylbenzene	ND	2.0	0.50	ug/L	2	10/23/25	MH	SW8260D
o-Xylene	ND	2.0	0.50	ug/L	2	10/23/25	MH	SW8260D
p-Isopropyltoluene	ND	2.0	0.50	ug/L	2	10/23/25	MH	SW8260D
sec-Butylbenzene	ND	2.0	0.50	ug/L	2	10/23/25	MH	SW8260D
Styrene	ND	2.0	0.50	ug/L	2	10/23/25	MH	SW8260D
tert-Butylbenzene	ND	2.0	0.50	ug/L	2	10/23/25	MH	SW8260D
Tetrachloroethene	ND	2.0	0.50	ug/L	2	10/23/25	MH	SW8260D
Tetrahydrofuran (THF)	ND	10	5.0	ug/L	2	10/23/25	MH	SW8260D
Toluene	ND	2.0	0.50	ug/L	2	10/23/25	MH	SW8260D
trans-1,2-Dichloroethene	ND	5.0	0.50	ug/L	2	10/23/25	MH	SW8260D
trans-1,3-Dichloropropene	ND	0.50	0.50	ug/L	2	10/23/25	MH	SW8260D
trans-1,4-dichloro-2-butene	ND	5.0	5.0	ug/L	2	10/23/25	MH	SW8260D
Trichloroethene	ND	2.0	0.50	ug/L	2	10/23/25	MH	SW8260D
Trichlorofluoromethane	ND	2.0	0.50	ug/L	2	10/23/25	MH	SW8260D
Trichlorotrifluoroethane	ND	2.0	0.50	ug/L	2	10/23/25	MH	SW8260D
Vinyl chloride	ND	2.0	0.50	ug/L	2	10/23/25	MH	SW8260D
<b>QA/QC Surrogates</b>								
% 1,2-dichlorobenzene-d4 (2x)	108			%	2	10/23/25	MH	70 - 130 %
% Bromofluorobenzene (2x)	87			%	2	10/23/25	MH	70 - 130 %
% Dibromofluoromethane (2x)	104			%	2	10/23/25	MH	70 - 130 %

1

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
% Toluene-d8 (2x)	94			%	2	10/23/25	MH	70 - 130 %

1 = This parameter is not certified by the primary accrediting authority (NY NELAC) for this matrix. NY NELAC does not offer certification for all parameters at this time.

RL/PQL=Reporting/Practical Quantitation Level (Equivalent to NELAC LOQ, Limit of Quantitation) ND=Not Detected BRL=Below Reporting Level L=Biased Low LOD=Limit of Detection MDL=Method Detection Limit1

QA/QC Surrogates: Surrogates are compounds (preceded with a %) added by the lab to determine analysis efficiency. Surrogate results(%) listed in the report are not "detected" compounds.

**Comments:**

**Volatile Comment:**

Elevated reporting limits for volatiles due to the large amount of sediment in the sample vial.

**Volatile Comment:**

To achieve client's objectives, where the lowest calibration standard or LOD justifies lowering the RL/PQL, the RL/PQL of some compounds have been lowered to meet criteria.

If you are the client above and have any questions concerning this testing, please do not hesitate to contact Phoenix Client Services at ext.200. The contents of this report cannot be discussed with anyone other than the client listed above without their written consent.

**Phyllis Shiller, Laboratory Director**

**November 04, 2025**

**Reviewed and Released by: Rashmi Makol, Project Manager**



### Environmental Laboratories, Inc.

587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045  
Tel. (860) 645-1102



## Analysis Report

November 04, 2025

FOR: Hennessy Engineering  
P O Box 118  
Voorheesville, NY 12186

#### Sample Information

Matrix: GROUND WATER  
Location Code: HENNESSY  
Rush Request: Standard  
P.O.#:

#### Custody Information

Collected by: CC  
Received by: SW  
Analyzed by: see "By" below

#### Date

10/16/25  
10/17/25

#### Time

16:15  
16:50

### Laboratory Data

SDG ID: GCU53153  
Phoenix ID: CU53159

Project ID: FORMER DELMAR ROXY CLEANERS  
Client ID: MW-5

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
<b><u>Volatiles</u></b>								
1,1,1,2-Tetrachloroethane	ND	1.0	0.25	ug/L	1	10/19/25	MH	SW8260D
1,1,1-Trichloroethane	ND	5.0	0.25	ug/L	1	10/19/25	MH	SW8260D
1,1,2,2-Tetrachloroethane	ND	1.0	0.25	ug/L	1	10/19/25	MH	SW8260D
1,1,2-Trichloroethane	ND	1.0	0.25	ug/L	1	10/19/25	MH	SW8260D
1,1-Dichloroethane	ND	5.0	0.25	ug/L	1	10/19/25	MH	SW8260D
1,1-Dichloroethene	0.46	J 1.0	0.25	ug/L	1	10/19/25	MH	SW8260D
1,1-Dichloropropene	ND	1.0	0.25	ug/L	1	10/19/25	MH	SW8260D
1,2,3-Trichlorobenzene	ND	1.0	0.25	ug/L	1	10/19/25	MH	SW8260D
1,2,3-Trichloropropane	ND	0.25	0.25	ug/L	1	10/19/25	MH	SW8260D
1,2,4-Trichlorobenzene	ND	1.0	0.25	ug/L	1	10/19/25	MH	SW8260D
1,2,4-Trimethylbenzene	ND	1.0	0.25	ug/L	1	10/19/25	MH	SW8260D
1,2-Dibromo-3-chloropropane	ND	0.50	0.50	ug/L	1	10/19/25	MH	SW8260D
1,2-Dibromoethane	ND	0.25	0.25	ug/L	1	10/19/25	MH	SW8260D
1,2-Dichlorobenzene	ND	1.0	0.25	ug/L	1	10/19/25	MH	SW8260D
1,2-Dichloroethane	ND	0.60	0.50	ug/L	1	10/19/25	MH	SW8260D
1,2-Dichloropropane	ND	1.0	0.25	ug/L	1	10/19/25	MH	SW8260D
1,3,5-Trimethylbenzene	ND	1.0	0.25	ug/L	1	10/19/25	MH	SW8260D
1,3-Dichlorobenzene	ND	1.0	0.25	ug/L	1	10/19/25	MH	SW8260D
1,3-Dichloropropane	ND	1.0	0.25	ug/L	1	10/19/25	MH	SW8260D
1,4-Dichlorobenzene	ND	1.0	0.25	ug/L	1	10/19/25	MH	SW8260D
2,2-Dichloropropane	ND	1.0	0.25	ug/L	1	10/19/25	MH	SW8260D
2-Chlorotoluene	ND	1.0	0.25	ug/L	1	10/19/25	MH	SW8260D
2-Hexanone	ND	2.5	2.5	ug/L	1	10/19/25	MH	SW8260D
2-Isopropyltoluene	ND	1.0	0.25	ug/L	1	10/19/25	MH	SW8260D
4-Chlorotoluene	ND	1.0	0.25	ug/L	1	10/19/25	MH	SW8260D
4-Methyl-2-pentanone	ND	2.5	2.5	ug/L	1	10/19/25	MH	SW8260D

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
Acetone	ND	5.0	2.5	ug/L	1	10/19/25	MH	SW8260D
Acrolein	ND	5.0	2.5	ug/L	1	10/19/25	MH	SW8260D
Acrylonitrile	ND	5.0	2.5	ug/L	1	10/19/25	MH	SW8260D
Benzene	ND	0.70	0.25	ug/L	1	10/19/25	MH	SW8260D
Bromobenzene	ND	1.0	0.25	ug/L	1	10/19/25	MH	SW8260D
Bromochloromethane	ND	1.0	0.25	ug/L	1	10/19/25	MH	SW8260D
Bromodichloromethane	ND	1.0	0.25	ug/L	1	10/19/25	MH	SW8260D
Bromoform	ND	5.0	0.25	ug/L	1	10/19/25	MH	SW8260D
Bromomethane	ND	5.0	0.50	ug/L	1	10/19/25	MH	SW8260D
Carbon Disulfide	ND	1.0	0.25	ug/L	1	10/19/25	MH	SW8260D
Carbon tetrachloride	ND	1.0	0.25	ug/L	1	10/19/25	MH	SW8260D
Chlorobenzene	ND	5.0	0.25	ug/L	1	10/19/25	MH	SW8260D
Chloroethane	ND	5.0	0.25	ug/L	1	10/19/25	MH	SW8260D
Chloroform	ND	5.0	0.25	ug/L	1	10/19/25	MH	SW8260D
Chloromethane	ND	5.0	0.25	ug/L	1	10/19/25	MH	SW8260D
cis-1,2-Dichloroethene	180	20	5.0	ug/L	20	10/21/25	MH	SW8260D
cis-1,3-Dichloropropene	ND	0.40	0.25	ug/L	1	10/19/25	MH	SW8260D
Dibromochloromethane	ND	1.0	0.25	ug/L	1	10/19/25	MH	SW8260D
Dibromomethane	ND	1.0	0.25	ug/L	1	10/19/25	MH	SW8260D
Dichlorodifluoromethane	ND	1.0	0.25	ug/L	1	10/19/25	MH	SW8260D
Ethylbenzene	ND	1.0	0.25	ug/L	1	10/19/25	MH	SW8260D
Hexachlorobutadiene	ND	0.50	0.20	ug/L	1	10/19/25	MH	SW8260D
Isopropylbenzene	ND	1.0	0.25	ug/L	1	10/19/25	MH	SW8260D
m&p-Xylene	ND	1.0	0.25	ug/L	1	10/19/25	MH	SW8260D
Methyl ethyl ketone	ND	2.5	2.5	ug/L	1	10/19/25	MH	SW8260D
Methyl t-butyl ether (MTBE)	ND	1.0	0.25	ug/L	1	10/19/25	MH	SW8260D
Methylene chloride	ND	3.0	1.0	ug/L	1	10/19/25	MH	SW8260D
Naphthalene	ND	1.0	1.0	ug/L	1	10/19/25	MH	SW8260D
n-Butylbenzene	ND	1.0	0.25	ug/L	1	10/19/25	MH	SW8260D
n-Propylbenzene	ND	1.0	0.25	ug/L	1	10/19/25	MH	SW8260D
o-Xylene	ND	1.0	0.25	ug/L	1	10/19/25	MH	SW8260D
p-Isopropyltoluene	ND	1.0	0.25	ug/L	1	10/19/25	MH	SW8260D
sec-Butylbenzene	ND	1.0	0.25	ug/L	1	10/19/25	MH	SW8260D
Styrene	ND	1.0	0.25	ug/L	1	10/19/25	MH	SW8260D
tert-Butylbenzene	ND	1.0	0.25	ug/L	1	10/19/25	MH	SW8260D
Tetrachloroethene	11	1.0	0.25	ug/L	1	10/19/25	MH	SW8260D
Tetrahydrofuran (THF)	ND	5.0	2.5	ug/L	1	10/19/25	MH	SW8260D
Toluene	ND	1.0	0.25	ug/L	1	10/19/25	MH	SW8260D
trans-1,2-Dichloroethene	2.0	J 5.0	0.25	ug/L	1	10/19/25	MH	SW8260D
trans-1,3-Dichloropropene	ND	0.40	0.25	ug/L	1	10/19/25	MH	SW8260D
trans-1,4-dichloro-2-butene	ND	2.5	2.5	ug/L	1	10/19/25	MH	SW8260D
Trichloroethene	14	1.0	0.25	ug/L	1	10/19/25	MH	SW8260D
Trichlorofluoromethane	ND	1.0	0.25	ug/L	1	10/19/25	MH	SW8260D
Trichlorotrifluoroethane	ND	1.0	0.25	ug/L	1	10/19/25	MH	SW8260D
Vinyl chloride	44	5.0	1.3	ug/L	5	10/21/25	MH	SW8260D
<b>QA/QC Surrogates</b>								
% 1,2-dichlorobenzene-d4	106			%	1	10/19/25	MH	70 - 130 %
% Bromofluorobenzene	89			%	1	10/19/25	MH	70 - 130 %
% Dibromofluoromethane	97			%	1	10/19/25	MH	70 - 130 %

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
% Toluene-d8	101			%	1	10/19/25	MH	70 - 130 %
% 1,2-dichlorobenzene-d4 (5x)	103			%	5	10/21/25	MH	70 - 130 %
% Bromofluorobenzene (5x)	89			%	5	10/21/25	MH	70 - 130 %
% Dibromofluoromethane (5x)	103			%	5	10/21/25	MH	70 - 130 %
% Toluene-d8 (5x)	101			%	5	10/21/25	MH	70 - 130 %
% 1,2-dichlorobenzene-d4 (20x)	103			%	20	10/21/25	MH	70 - 130 %
% Bromofluorobenzene (20x)	89			%	20	10/21/25	MH	70 - 130 %
% Dibromofluoromethane (20x)	107			%	20	10/21/25	MH	70 - 130 %
% Toluene-d8 (20x)	103			%	20	10/21/25	MH	70 - 130 %

1 = This parameter is not certified by the primary accrediting authority (NY NELAC) for this matrix. NY NELAC does not offer certification for all parameters at this time.

RL/PQL=Reporting/Practical Quantitation Level (Equivalent to NELAC LOQ, Limit of Quantitation) ND=Not Detected BRL=Below Reporting Level L=Biased Low J=Estimated Below RL LOD=Limit of Detection MDL=Method Detection Limit1

QA/QC Surrogates: Surrogates are compounds (preceded with a %) added by the lab to determine analysis efficiency. Surrogate results(%) listed in the report are not "detected" compounds.

**Comments:**

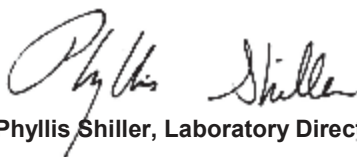
Volatile Comment:

Elevated reporting limits for volatiles due to the presence of target and/or non-target compounds.

Volatile Comment:

To achieve client's objectives, where the lowest calibration standard or LOD justifies lowering the RL/PQL, the RL/PQL of some compounds have been lowered to meet criteria.

If you are the client above and have any questions concerning this testing, please do not hesitate to contact Phoenix Client Services at ext.200. The contents of this report cannot be discussed with anyone other than the client listed above without their written consent.



**Phyllis Shiller, Laboratory Director**

**November 04, 2025**

**Reviewed and Released by: Rashmi Makol, Project Manager**



Environmental Laboratories, Inc.  
 587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045  
 Tel. (860) 645-1102



# Analysis Report

November 04, 2025

FOR: Hennessy Engineering  
 P O Box 118  
 Voorheesville, NY 12186

Sample Information

Matrix: GROUND WATER  
 Location Code: HENNESSY  
 Rush Request: Standard  
 P.O.#:

Custody Information

Collected by: CC  
 Received by: SW  
 Analyzed by: see "By" below

Date

10/16/25  
 10/17/25

Time

15:35  
 16:50

## Laboratory Data

SDG ID: GCU53153  
 Phoenix ID: CU53160

Project ID: FORMER DELMAR ROXY CLEANERS  
 Client ID: MW-6

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
<b><u>Volatiles</u></b>								
1,1,1,2-Tetrachloroethane	ND	1.0	0.25	ug/L	1	10/19/25	MH	SW8260D
1,1,1-Trichloroethane	ND	5.0	0.25	ug/L	1	10/19/25	MH	SW8260D
1,1,2,2-Tetrachloroethane	ND	1.0	0.25	ug/L	1	10/19/25	MH	SW8260D
1,1,2-Trichloroethane	ND	1.0	0.25	ug/L	1	10/19/25	MH	SW8260D
1,1-Dichloroethane	ND	5.0	0.25	ug/L	1	10/19/25	MH	SW8260D
1,1-Dichloroethene	ND	1.0	0.25	ug/L	1	10/19/25	MH	SW8260D
1,1-Dichloropropene	ND	1.0	0.25	ug/L	1	10/19/25	MH	SW8260D
1,2,3-Trichlorobenzene	ND	1.0	0.25	ug/L	1	10/19/25	MH	SW8260D
1,2,3-Trichloropropane	ND	0.25	0.25	ug/L	1	10/19/25	MH	SW8260D
1,2,4-Trichlorobenzene	ND	1.0	0.25	ug/L	1	10/19/25	MH	SW8260D
1,2,4-Trimethylbenzene	ND	1.0	0.25	ug/L	1	10/19/25	MH	SW8260D
1,2-Dibromo-3-chloropropane	ND	0.50	0.50	ug/L	1	10/19/25	MH	SW8260D
1,2-Dibromoethane	ND	0.25	0.25	ug/L	1	10/19/25	MH	SW8260D
1,2-Dichlorobenzene	ND	1.0	0.25	ug/L	1	10/19/25	MH	SW8260D
1,2-Dichloroethane	ND	0.60	0.50	ug/L	1	10/19/25	MH	SW8260D
1,2-Dichloropropane	ND	1.0	0.25	ug/L	1	10/19/25	MH	SW8260D
1,3,5-Trimethylbenzene	ND	1.0	0.25	ug/L	1	10/19/25	MH	SW8260D
1,3-Dichlorobenzene	ND	1.0	0.25	ug/L	1	10/19/25	MH	SW8260D
1,3-Dichloropropane	ND	1.0	0.25	ug/L	1	10/19/25	MH	SW8260D
1,4-Dichlorobenzene	ND	1.0	0.25	ug/L	1	10/19/25	MH	SW8260D
2,2-Dichloropropane	ND	1.0	0.25	ug/L	1	10/19/25	MH	SW8260D
2-Chlorotoluene	ND	1.0	0.25	ug/L	1	10/19/25	MH	SW8260D
2-Hexanone	ND	2.5	2.5	ug/L	1	10/19/25	MH	SW8260D
2-Isopropyltoluene	ND	1.0	0.25	ug/L	1	10/19/25	MH	SW8260D
4-Chlorotoluene	ND	1.0	0.25	ug/L	1	10/19/25	MH	SW8260D
4-Methyl-2-pentanone	ND	2.5	2.5	ug/L	1	10/19/25	MH	SW8260D

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
Acetone	ND	5.0	2.5	ug/L	1	10/19/25	MH	SW8260D
Acrolein	ND	5.0	2.5	ug/L	1	10/19/25	MH	SW8260D
Acrylonitrile	ND	5.0	2.5	ug/L	1	10/19/25	MH	SW8260D
Benzene	ND	0.70	0.25	ug/L	1	10/19/25	MH	SW8260D
Bromobenzene	ND	1.0	0.25	ug/L	1	10/19/25	MH	SW8260D
Bromochloromethane	ND	1.0	0.25	ug/L	1	10/19/25	MH	SW8260D
Bromodichloromethane	ND	1.0	0.25	ug/L	1	10/19/25	MH	SW8260D
Bromoform	ND	5.0	0.25	ug/L	1	10/19/25	MH	SW8260D
Bromomethane	ND	5.0	0.50	ug/L	1	10/19/25	MH	SW8260D
Carbon Disulfide	ND	1.0	0.25	ug/L	1	10/19/25	MH	SW8260D
Carbon tetrachloride	ND	1.0	0.25	ug/L	1	10/19/25	MH	SW8260D
Chlorobenzene	ND	5.0	0.25	ug/L	1	10/19/25	MH	SW8260D
Chloroethane	ND	5.0	0.25	ug/L	1	10/19/25	MH	SW8260D
Chloroform	ND	5.0	0.25	ug/L	1	10/19/25	MH	SW8260D
Chloromethane	ND	5.0	0.25	ug/L	1	10/19/25	MH	SW8260D
cis-1,2-Dichloroethene	43	5.0	1.3	ug/L	5	10/21/25	MH	SW8260D
cis-1,3-Dichloropropene	ND	0.40	0.25	ug/L	1	10/19/25	MH	SW8260D
Dibromochloromethane	ND	1.0	0.25	ug/L	1	10/19/25	MH	SW8260D
Dibromomethane	ND	1.0	0.25	ug/L	1	10/19/25	MH	SW8260D
Dichlorodifluoromethane	ND	1.0	0.25	ug/L	1	10/19/25	MH	SW8260D
Ethylbenzene	ND	1.0	0.25	ug/L	1	10/19/25	MH	SW8260D
Hexachlorobutadiene	ND	0.50	0.20	ug/L	1	10/19/25	MH	SW8260D
Isopropylbenzene	ND	1.0	0.25	ug/L	1	10/19/25	MH	SW8260D
m&p-Xylene	ND	1.0	0.25	ug/L	1	10/19/25	MH	SW8260D
Methyl ethyl ketone	ND	2.5	2.5	ug/L	1	10/19/25	MH	SW8260D
Methyl t-butyl ether (MTBE)	ND	1.0	0.25	ug/L	1	10/19/25	MH	SW8260D
Methylene chloride	ND	3.0	1.0	ug/L	1	10/19/25	MH	SW8260D
Naphthalene	ND	1.0	1.0	ug/L	1	10/19/25	MH	SW8260D
n-Butylbenzene	ND	1.0	0.25	ug/L	1	10/19/25	MH	SW8260D
n-Propylbenzene	ND	1.0	0.25	ug/L	1	10/19/25	MH	SW8260D
o-Xylene	ND	1.0	0.25	ug/L	1	10/19/25	MH	SW8260D
p-Isopropyltoluene	ND	1.0	0.25	ug/L	1	10/19/25	MH	SW8260D
sec-Butylbenzene	ND	1.0	0.25	ug/L	1	10/19/25	MH	SW8260D
Styrene	ND	1.0	0.25	ug/L	1	10/19/25	MH	SW8260D
tert-Butylbenzene	ND	1.0	0.25	ug/L	1	10/19/25	MH	SW8260D
Tetrachloroethene	21	1.0	0.25	ug/L	1	10/19/25	MH	SW8260D
Tetrahydrofuran (THF)	ND	5.0	2.5	ug/L	1	10/19/25	MH	SW8260D
Toluene	ND	1.0	0.25	ug/L	1	10/19/25	MH	SW8260D
trans-1,2-Dichloroethene	0.62	J 5.0	0.25	ug/L	1	10/19/25	MH	SW8260D
trans-1,3-Dichloropropene	ND	0.40	0.25	ug/L	1	10/19/25	MH	SW8260D
trans-1,4-dichloro-2-butene	ND	2.5	2.5	ug/L	1	10/19/25	MH	SW8260D
Trichloroethene	9.2	1.0	0.25	ug/L	1	10/19/25	MH	SW8260D
Trichlorofluoromethane	ND	1.0	0.25	ug/L	1	10/19/25	MH	SW8260D
Trichlorotrifluoroethane	ND	1.0	0.25	ug/L	1	10/19/25	MH	SW8260D
Vinyl chloride	8.6	1.0	0.25	ug/L	1	10/19/25	MH	SW8260D
<b>QA/QC Surrogates</b>								
% 1,2-dichlorobenzene-d4	103			%	1	10/19/25	MH	70 - 130 %
% Bromofluorobenzene	90			%	1	10/19/25	MH	70 - 130 %
% Dibromofluoromethane	98			%	1	10/19/25	MH	70 - 130 %

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
% Toluene-d8	100			%	1	10/19/25	MH	70 - 130 %
% 1,2-dichlorobenzene-d4 (5x)	100			%	5	10/21/25	MH	70 - 130 %
% Bromofluorobenzene (5x)	93			%	5	10/21/25	MH	70 - 130 %
% Dibromofluoromethane (5x)	105			%	5	10/21/25	MH	70 - 130 %
% Toluene-d8 (5x)	103			%	5	10/21/25	MH	70 - 130 %

1 = This parameter is not certified by the primary accrediting authority (NY NELAC) for this matrix. NY NELAC does not offer certification for all parameters at this time.

RL/PQL=Reporting/Practical Quantitation Level (Equivalent to NELAC LOQ, Limit of Quantitation) ND=Not Detected BRL=Below Reporting Level L=Biased Low J=Estimated Below RL LOD=Limit of Detection MDL=Method Detection Limit1

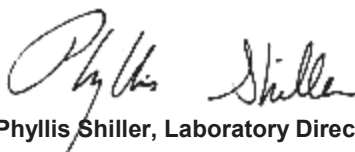
QA/QC Surrogates: Surrogates are compounds (preceeded with a %) added by the lab to determine analysis efficiency. Surrogate results(%) listed in the report are not "detected" compounds.

**Comments:**

Volatile Comment:

To achieve client's objectives, where the lowest calibration standard or LOD justifies lowering the RL/PQL, the RL/PQL of some compounds have been lowered to meet criteria.

If you are the client above and have any questions concerning this testing, please do not hesitate to contact Phoenix Client Services at ext.200. The contents of this report cannot be discussed with anyone other than the client listed above without their written consent.



**Phyllis Shiller, Laboratory Director**

**November 04, 2025**

**Reviewed and Released by: Rashmi Makol, Project Manager**



Environmental Laboratories, Inc.  
 587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045  
 Tel. (860) 645-1102



# Analysis Report

November 04, 2025

FOR: Hennessy Engineering  
 P O Box 118  
 Voorheesville, NY 12186

Sample Information

Matrix: GROUND WATER  
 Location Code: HENNESSY  
 Rush Request: Standard  
 P.O.#:

Custody Information

Collected by: CC  
 Received by: SW  
 Analyzed by: see "By" below

Date

10/16/25  
 10/17/25

Time

16:30  
 16:50

## Laboratory Data

SDG ID: GCU53153  
 Phoenix ID: CU53161

Project ID: FORMER DELMAR ROXY CLEANERS  
 Client ID: FIELD BLANK

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
<b><u>Volatiles</u></b>								
1,1,1,2-Tetrachloroethane	ND	1.0	0.25	ug/L	1	10/19/25	MH	SW8260D
1,1,1-Trichloroethane	ND	5.0	0.25	ug/L	1	10/19/25	MH	SW8260D
1,1,2,2-Tetrachloroethane	ND	1.0	0.25	ug/L	1	10/19/25	MH	SW8260D
1,1,2-Trichloroethane	ND	1.0	0.25	ug/L	1	10/19/25	MH	SW8260D
1,1-Dichloroethane	ND	5.0	0.25	ug/L	1	10/19/25	MH	SW8260D
1,1-Dichloroethene	ND	1.0	0.25	ug/L	1	10/19/25	MH	SW8260D
1,1-Dichloropropene	ND	1.0	0.25	ug/L	1	10/19/25	MH	SW8260D
1,2,3-Trichlorobenzene	ND	1.0	0.25	ug/L	1	10/19/25	MH	SW8260D
1,2,3-Trichloropropane	ND	0.25	0.25	ug/L	1	10/19/25	MH	SW8260D
1,2,4-Trichlorobenzene	ND	1.0	0.25	ug/L	1	10/19/25	MH	SW8260D
1,2,4-Trimethylbenzene	ND	1.0	0.25	ug/L	1	10/19/25	MH	SW8260D
1,2-Dibromo-3-chloropropane	ND	0.50	0.50	ug/L	1	10/19/25	MH	SW8260D
1,2-Dibromoethane	ND	0.25	0.25	ug/L	1	10/19/25	MH	SW8260D
1,2-Dichlorobenzene	ND	1.0	0.25	ug/L	1	10/19/25	MH	SW8260D
1,2-Dichloroethane	ND	0.60	0.50	ug/L	1	10/19/25	MH	SW8260D
1,2-Dichloropropane	ND	1.0	0.25	ug/L	1	10/19/25	MH	SW8260D
1,3,5-Trimethylbenzene	ND	1.0	0.25	ug/L	1	10/19/25	MH	SW8260D
1,3-Dichlorobenzene	ND	1.0	0.25	ug/L	1	10/19/25	MH	SW8260D
1,3-Dichloropropane	ND	1.0	0.25	ug/L	1	10/19/25	MH	SW8260D
1,4-Dichlorobenzene	ND	1.0	0.25	ug/L	1	10/19/25	MH	SW8260D
2,2-Dichloropropane	ND	1.0	0.25	ug/L	1	10/19/25	MH	SW8260D
2-Chlorotoluene	ND	1.0	0.25	ug/L	1	10/19/25	MH	SW8260D
2-Hexanone	ND	2.5	2.5	ug/L	1	10/19/25	MH	SW8260D
2-Isopropyltoluene	ND	1.0	0.25	ug/L	1	10/19/25	MH	SW8260D
4-Chlorotoluene	ND	1.0	0.25	ug/L	1	10/19/25	MH	SW8260D
4-Methyl-2-pentanone	ND	2.5	2.5	ug/L	1	10/19/25	MH	SW8260D

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
Acetone	ND	5.0	2.5	ug/L	1	10/19/25	MH	SW8260D
Acrolein	ND	5.0	2.5	ug/L	1	10/19/25	MH	SW8260D
Acrylonitrile	ND	5.0	2.5	ug/L	1	10/19/25	MH	SW8260D
Benzene	ND	0.70	0.25	ug/L	1	10/19/25	MH	SW8260D
Bromobenzene	ND	1.0	0.25	ug/L	1	10/19/25	MH	SW8260D
Bromochloromethane	ND	1.0	0.25	ug/L	1	10/19/25	MH	SW8260D
Bromodichloromethane	ND	1.0	0.25	ug/L	1	10/19/25	MH	SW8260D
Bromoform	ND	5.0	0.25	ug/L	1	10/19/25	MH	SW8260D
Bromomethane	ND	5.0	0.50	ug/L	1	10/19/25	MH	SW8260D
Carbon Disulfide	ND	1.0	0.25	ug/L	1	10/19/25	MH	SW8260D
Carbon tetrachloride	ND	1.0	0.25	ug/L	1	10/19/25	MH	SW8260D
Chlorobenzene	ND	5.0	0.25	ug/L	1	10/19/25	MH	SW8260D
Chloroethane	ND	5.0	0.25	ug/L	1	10/19/25	MH	SW8260D
Chloroform	ND	5.0	0.25	ug/L	1	10/19/25	MH	SW8260D
Chloromethane	ND	5.0	0.25	ug/L	1	10/19/25	MH	SW8260D
cis-1,2-Dichloroethene	ND	1.0	0.25	ug/L	1	10/19/25	MH	SW8260D
cis-1,3-Dichloropropene	ND	0.40	0.25	ug/L	1	10/19/25	MH	SW8260D
Dibromochloromethane	ND	1.0	0.25	ug/L	1	10/19/25	MH	SW8260D
Dibromomethane	ND	1.0	0.25	ug/L	1	10/19/25	MH	SW8260D
Dichlorodifluoromethane	ND	1.0	0.25	ug/L	1	10/19/25	MH	SW8260D
Ethylbenzene	ND	1.0	0.25	ug/L	1	10/19/25	MH	SW8260D
Hexachlorobutadiene	ND	0.50	0.20	ug/L	1	10/19/25	MH	SW8260D
Isopropylbenzene	ND	1.0	0.25	ug/L	1	10/19/25	MH	SW8260D
m&p-Xylene	ND	1.0	0.25	ug/L	1	10/19/25	MH	SW8260D
Methyl ethyl ketone	ND	2.5	2.5	ug/L	1	10/19/25	MH	SW8260D
Methyl t-butyl ether (MTBE)	ND	1.0	0.25	ug/L	1	10/19/25	MH	SW8260D
Methylene chloride	ND	3.0	1.0	ug/L	1	10/19/25	MH	SW8260D
Naphthalene	ND	1.0	1.0	ug/L	1	10/19/25	MH	SW8260D
n-Butylbenzene	ND	1.0	0.25	ug/L	1	10/19/25	MH	SW8260D
n-Propylbenzene	ND	1.0	0.25	ug/L	1	10/19/25	MH	SW8260D
o-Xylene	ND	1.0	0.25	ug/L	1	10/19/25	MH	SW8260D
p-Isopropyltoluene	ND	1.0	0.25	ug/L	1	10/19/25	MH	SW8260D
sec-Butylbenzene	ND	1.0	0.25	ug/L	1	10/19/25	MH	SW8260D
Styrene	ND	1.0	0.25	ug/L	1	10/19/25	MH	SW8260D
tert-Butylbenzene	ND	1.0	0.25	ug/L	1	10/19/25	MH	SW8260D
Tetrachloroethene	ND	1.0	0.25	ug/L	1	10/19/25	MH	SW8260D
Tetrahydrofuran (THF)	ND	5.0	2.5	ug/L	1	10/19/25	MH	SW8260D
Toluene	ND	1.0	0.25	ug/L	1	10/19/25	MH	SW8260D
trans-1,2-Dichloroethene	ND	5.0	0.25	ug/L	1	10/19/25	MH	SW8260D
trans-1,3-Dichloropropene	ND	0.40	0.25	ug/L	1	10/19/25	MH	SW8260D
trans-1,4-dichloro-2-butene	ND	2.5	2.5	ug/L	1	10/19/25	MH	SW8260D
Trichloroethene	ND	1.0	0.25	ug/L	1	10/19/25	MH	SW8260D
Trichlorofluoromethane	ND	1.0	0.25	ug/L	1	10/19/25	MH	SW8260D
Trichlorotrifluoroethane	ND	1.0	0.25	ug/L	1	10/19/25	MH	SW8260D
Vinyl chloride	ND	1.0	0.25	ug/L	1	10/19/25	MH	SW8260D
<b>QA/QC Surrogates</b>								
% 1,2-dichlorobenzene-d4	106			%	1	10/19/25	MH	70 - 130 %
% Bromofluorobenzene	93			%	1	10/19/25	MH	70 - 130 %
% Dibromofluoromethane	98			%	1	10/19/25	MH	70 - 130 %

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
% Toluene-d8	102			%	1	10/19/25	MH	70 - 130 %

1 = This parameter is not certified by the primary accrediting authority (NY NELAC) for this matrix. NY NELAC does not offer certification for all parameters at this time.

RL/PQL=Reporting/Practical Quantitation Level (Equivalent to NELAC LOQ, Limit of Quantitation) ND=Not Detected BRL=Below Reporting Level L=Biased Low LOD=Limit of Detection MDL=Method Detection Limit1

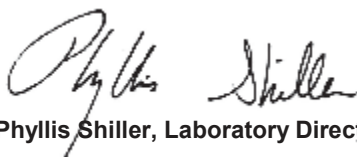
QA/QC Surrogates: Surrogates are compounds (preceded with a %) added by the lab to determine analysis efficiency. Surrogate results(%) listed in the report are not "detected" compounds.

**Comments:**

**Volatile Comment:**

To achieve client's objectives, where the lowest calibration standard or LOD justifies lowering the RL/PQL, the RL/PQL of some compounds have been lowered to meet criteria.

If you are the client above and have any questions concerning this testing, please do not hesitate to contact Phoenix Client Services at ext.200. The contents of this report cannot be discussed with anyone other than the client listed above without their written consent.



**Phyllis Shiller, Laboratory Director**

**November 04, 2025**

**Reviewed and Released by: Rashmi Makol, Project Manager**



Environmental Laboratories, Inc.  
 587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045  
 Tel. (860) 645-1102



# Analysis Report

November 04, 2025

FOR: Hennessy Engineering  
 P O Box 118  
 Voorheesville, NY 12186

Sample Information

Matrix: WATER  
 Location Code: HENNESSY  
 Rush Request: Standard  
 P.O.#:

Custody Information

Collected by: CC  
 Received by: SW  
 Analyzed by: see "By" below

Date

10/16/25  
 10/17/25

Time

16:50

## Laboratory Data

SDG ID: GCU53153  
 Phoenix ID: CU53162

Project ID: FORMER DELMAR ROXY CLEANERS  
 Client ID: TRIP BLANK

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
<b><u>Volatiles</u></b>								
1,1,1,2-Tetrachloroethane	ND	1.0	0.25	ug/L	1	10/19/25	MH	SW8260D
1,1,1-Trichloroethane	ND	5.0	0.25	ug/L	1	10/19/25	MH	SW8260D
1,1,2,2-Tetrachloroethane	ND	1.0	0.25	ug/L	1	10/19/25	MH	SW8260D
1,1,2-Trichloroethane	ND	1.0	0.25	ug/L	1	10/19/25	MH	SW8260D
1,1-Dichloroethane	ND	5.0	0.25	ug/L	1	10/19/25	MH	SW8260D
1,1-Dichloroethene	ND	1.0	0.25	ug/L	1	10/19/25	MH	SW8260D
1,1-Dichloropropene	ND	1.0	0.25	ug/L	1	10/19/25	MH	SW8260D
1,2,3-Trichlorobenzene	ND	1.0	0.25	ug/L	1	10/19/25	MH	SW8260D
1,2,3-Trichloropropane	ND	0.25	0.25	ug/L	1	10/19/25	MH	SW8260D
1,2,4-Trichlorobenzene	ND	1.0	0.25	ug/L	1	10/19/25	MH	SW8260D
1,2,4-Trimethylbenzene	ND	1.0	0.25	ug/L	1	10/19/25	MH	SW8260D
1,2-Dibromo-3-chloropropane	ND	0.50	0.50	ug/L	1	10/19/25	MH	SW8260D
1,2-Dibromoethane	ND	0.25	0.25	ug/L	1	10/19/25	MH	SW8260D
1,2-Dichlorobenzene	ND	1.0	0.25	ug/L	1	10/19/25	MH	SW8260D
1,2-Dichloroethane	ND	0.60	0.50	ug/L	1	10/19/25	MH	SW8260D
1,2-Dichloropropane	ND	1.0	0.25	ug/L	1	10/19/25	MH	SW8260D
1,3,5-Trimethylbenzene	ND	1.0	0.25	ug/L	1	10/19/25	MH	SW8260D
1,3-Dichlorobenzene	ND	1.0	0.25	ug/L	1	10/19/25	MH	SW8260D
1,3-Dichloropropane	ND	1.0	0.25	ug/L	1	10/19/25	MH	SW8260D
1,4-Dichlorobenzene	ND	1.0	0.25	ug/L	1	10/19/25	MH	SW8260D
2,2-Dichloropropane	ND	1.0	0.25	ug/L	1	10/19/25	MH	SW8260D
2-Chlorotoluene	ND	1.0	0.25	ug/L	1	10/19/25	MH	SW8260D
2-Hexanone	ND	2.5	2.5	ug/L	1	10/19/25	MH	SW8260D
2-Isopropyltoluene	ND	1.0	0.25	ug/L	1	10/19/25	MH	SW8260D
4-Chlorotoluene	ND	1.0	0.25	ug/L	1	10/19/25	MH	SW8260D
4-Methyl-2-pentanone	ND	2.5	2.5	ug/L	1	10/19/25	MH	SW8260D

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
Acetone	ND	5.0	2.5	ug/L	1	10/19/25	MH	SW8260D
Acrolein	ND	5.0	2.5	ug/L	1	10/19/25	MH	SW8260D
Acrylonitrile	ND	5.0	2.5	ug/L	1	10/19/25	MH	SW8260D
Benzene	ND	0.70	0.25	ug/L	1	10/19/25	MH	SW8260D
Bromobenzene	ND	1.0	0.25	ug/L	1	10/19/25	MH	SW8260D
Bromochloromethane	ND	1.0	0.25	ug/L	1	10/19/25	MH	SW8260D
Bromodichloromethane	ND	1.0	0.25	ug/L	1	10/19/25	MH	SW8260D
Bromoform	ND	5.0	0.25	ug/L	1	10/19/25	MH	SW8260D
Bromomethane	ND	5.0	0.50	ug/L	1	10/19/25	MH	SW8260D
Carbon Disulfide	ND	1.0	0.25	ug/L	1	10/19/25	MH	SW8260D
Carbon tetrachloride	ND	1.0	0.25	ug/L	1	10/19/25	MH	SW8260D
Chlorobenzene	ND	5.0	0.25	ug/L	1	10/19/25	MH	SW8260D
Chloroethane	ND	5.0	0.25	ug/L	1	10/19/25	MH	SW8260D
Chloroform	ND	5.0	0.25	ug/L	1	10/19/25	MH	SW8260D
Chloromethane	ND	5.0	0.25	ug/L	1	10/19/25	MH	SW8260D
cis-1,2-Dichloroethene	ND	1.0	0.25	ug/L	1	10/19/25	MH	SW8260D
cis-1,3-Dichloropropene	ND	0.40	0.25	ug/L	1	10/19/25	MH	SW8260D
Dibromochloromethane	ND	1.0	0.25	ug/L	1	10/19/25	MH	SW8260D
Dibromomethane	ND	1.0	0.25	ug/L	1	10/19/25	MH	SW8260D
Dichlorodifluoromethane	ND	1.0	0.25	ug/L	1	10/19/25	MH	SW8260D
Ethylbenzene	ND	1.0	0.25	ug/L	1	10/19/25	MH	SW8260D
Hexachlorobutadiene	ND	0.50	0.20	ug/L	1	10/19/25	MH	SW8260D
Isopropylbenzene	ND	1.0	0.25	ug/L	1	10/19/25	MH	SW8260D
m&p-Xylene	ND	1.0	0.25	ug/L	1	10/19/25	MH	SW8260D
Methyl ethyl ketone	ND	2.5	2.5	ug/L	1	10/19/25	MH	SW8260D
Methyl t-butyl ether (MTBE)	ND	1.0	0.25	ug/L	1	10/19/25	MH	SW8260D
Methylene chloride	ND	3.0	1.0	ug/L	1	10/19/25	MH	SW8260D
Naphthalene	ND	1.0	1.0	ug/L	1	10/19/25	MH	SW8260D
n-Butylbenzene	ND	1.0	0.25	ug/L	1	10/19/25	MH	SW8260D
n-Propylbenzene	ND	1.0	0.25	ug/L	1	10/19/25	MH	SW8260D
o-Xylene	ND	1.0	0.25	ug/L	1	10/19/25	MH	SW8260D
p-Isopropyltoluene	ND	1.0	0.25	ug/L	1	10/19/25	MH	SW8260D
sec-Butylbenzene	ND	1.0	0.25	ug/L	1	10/19/25	MH	SW8260D
Styrene	ND	1.0	0.25	ug/L	1	10/19/25	MH	SW8260D
tert-Butylbenzene	ND	1.0	0.25	ug/L	1	10/19/25	MH	SW8260D
Tetrachloroethene	ND	1.0	0.25	ug/L	1	10/19/25	MH	SW8260D
Tetrahydrofuran (THF)	ND	5.0	2.5	ug/L	1	10/19/25	MH	SW8260D
Toluene	ND	1.0	0.25	ug/L	1	10/19/25	MH	SW8260D
trans-1,2-Dichloroethene	ND	5.0	0.25	ug/L	1	10/19/25	MH	SW8260D
trans-1,3-Dichloropropene	ND	0.40	0.25	ug/L	1	10/19/25	MH	SW8260D
trans-1,4-dichloro-2-butene	ND	2.5	2.5	ug/L	1	10/19/25	MH	SW8260D
Trichloroethene	ND	1.0	0.25	ug/L	1	10/19/25	MH	SW8260D
Trichlorofluoromethane	ND	1.0	0.25	ug/L	1	10/19/25	MH	SW8260D
Trichlorotrifluoroethane	ND	1.0	0.25	ug/L	1	10/19/25	MH	SW8260D
Vinyl chloride	ND	1.0	0.25	ug/L	1	10/19/25	MH	SW8260D
<b>QA/QC Surrogates</b>								
% 1,2-dichlorobenzene-d4	107			%	1	10/19/25	MH	70 - 130 %
% Bromofluorobenzene	87			%	1	10/19/25	MH	70 - 130 %
% Dibromofluoromethane	98			%	1	10/19/25	MH	70 - 130 %

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
% Toluene-d8	103			%	1	10/19/25	MH	70 - 130 %

1 = This parameter is not certified by the primary accrediting authority (NY NELAC) for this matrix. NY NELAC does not offer certification for all parameters at this time.

RL/PQL=Reporting/Practical Quantitation Level (Equivalent to NELAC LOQ, Limit of Quantitation) ND=Not Detected BRL=Below Reporting Level L=Biased Low LOD=Limit of Detection MDL=Method Detection Limit1

QA/QC Surrogates: Surrogates are compounds (preceeded with a %) added by the lab to determine analysis efficiency. Surrogate results(%) listed in the report are not "detected" compounds.

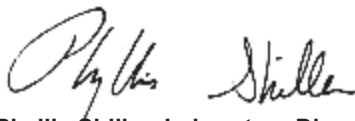
**Comments:**

TRIP BLANK INCLUDED.

**Volatile Comment:**

To achieve client's objectives, where the lowest calibration standard or LOD justifies lowering the RL/PQL, the RL/PQL of some compounds have been lowered to meet criteria.

If you are the client above and have any questions concerning this testing, please do not hesitate to contact Phoenix Client Services at ext.200. The contents of this report cannot be discussed with anyone other than the client listed above without their written consent.

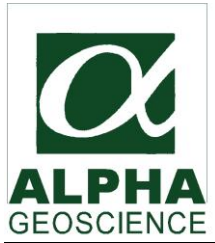


**Phyllis Shiller, Laboratory Director**

**November 04, 2025**

**Reviewed and Released by: Rashmi Makol, Project Manager**

# VOC Data Section



**QA/QC Review of Method 8260D Volatiles Data  
for Phoenix Environmental Laboratories, Inc.  
SDG: GCU53153**

**7 Ground Water Samples, 1 Field Duplicate,  
1 Field Blank, and 1 Trip Blank  
Collected October 16, 2025**

Prepared by: Donald Anné  
November 17, 2025

Geology  
Hydrology  
Remediation  
Water Supply

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Holding Times: Samples were analyzed within USEPA SW-846 holding times.

GC/MS Tuning and Mass Calibration: The BFB tuning criteria were within control limits.

Initial Calibration: The average RRFs for applicable compounds were above the method minimums, as required.

The average RRFs for target compounds were above the allowable minimum (0.010), as required.

The %RSD for trans-1,4-dichloro-2-butene was above the allowable maximum (30%) for CHEM02 on 10-20-25. Positive results for trans-1,4-dichloro-2-butene should be considered estimated (J) in associated samples.

Continuing Calibration: The RRFs for applicable compounds were above the method minimums, as required. The %Ds for bromomethane and bromoform were above the method maximum on 10-19-25 (1019\_03.D). The %D for dichlorodifluoromethane was above the method maximum on 10-19-25 (1020\_19.D). The %D for bromomethane was above the method maximum on 10-22-25 (1022\_32.D). No action is taken on fewer than 20% of the compounds with method criteria outside control limits per calibration, provided no RRF is less than 0.010.

The associated RRFs for target compounds were above the allowable minimum (0.010), as required.

The %Ds for bromomethane, bromoform, and trans-1,4-dichloro-2-butene were above the allowable maximum (20%) on 10-19-25 (1019\_03.D). The %D for dichlorodifluoromethane was above the allowable maximum (20%) on 10-19-25

(1020\_19.D). The %Ds for bromomethane and naphthalene were above the method allowable maximum (20%) on 10-22-25 (1022\_32.D). Positive results for these compounds should be considered estimated (J) in associated samples.

Blanks: The analyses of the method, trip, and field blanks reported target compounds as not detected.

Internal Standard Area Summary: The applicable internal standard areas and retention times were within control limits.

Surrogate Recovery: The surrogate recoveries were within control limits for the ground water samples, field blank, and trip blank.

Matrix Spike/Matrix Spike Duplicate: The relative percent differences for target compounds were below the allowable maximum, but 2 of 2 percent recoveries for bromomethane were below QC limits, but not below 30% for aqueous MS/MSD sample M-3. The “not detected” result for bromomethane should be considered estimated (UJ) in sample MW-3.

Laboratory Control Sample: The relative percent differences (RPDs) for applicable target compounds were below the allowable maximum and the percent recoveries (%Rs) were within QC limits for aqueous samples CU51343 LCS and CU52634 LCS.

The RPDs for applicable target compounds were below the allowable maximum, but 1 of 2 %Rs for chloroethane was above QC limits for aqueous samples CU51357 LCS. Positive results for chloroethane should be considered estimated, biased high (J+) in associated aqueous samples.

Field Duplicates: The relative percent differences for vinyl chloride and trans-1,2-dichloroethene were above the allowable maximum (20%) for aqueous field duplicate pair MW-1/MW-1 DUP (attached table). Positive results for vinyl chloride and trans-1,2-dichloroethene should be considered estimated (J) in samples MW-1 and MW-1 DUP.

Compound ID: Checked compound and surrogate results were within quantitation limits. The mass spectra for detected compounds contained the primary and secondary ions, as outlined in the method.

## WATER VOLATILE LCS SPIKE / LCS SPIKE DUPLICATE RECOVERY

Lab Name: Phoenix Environmental Labs Client: HENNESSYLab Code: Phoenix Case No: \_\_\_\_\_ SAS No: \_\_\_\_\_ SDG No GCU53153LCS Spike - Client Id: CU53157 LCS Level:(low/med) Med

COMPOUND	SPIKE ADDED ug/L	SAMPLE CONCENTRATION ug/L	LCS CONCENTRATION ug/L	LCS % REC #	QC LIMITS REC.		
Dichlorodifluoromethane	10	0.0	9.487	95	70	130	
Chloromethane	10	0.0	10.29	103	70	130	
Vinyl Chloride	10	0.0	10.28	103	70	130	
Bromomethane	10	0.0	7.223	72	70	130	
Chloroethane	10	0.0	13.09	131*	70	130	
Trichlorofluoromethane	10	0.0	10.18	102	70	130	
1,1-Dichloroethene	10	0.0	10.17	102	70	130	
Trichlorotrifluoroethane	10	0.0	10.14	101	70	130	
Carbon Disulfide	10	0.0	10.68	107	70	130	
Acrolein	50	0.0	55.93	112	70	130	
Methylene Chloride	10	0.0	10.73	107	70	130	
Acetone	10	0.0	9.153	92	70	130	
Trans-1,2-Dichloroethene	10	0.0	10.62	106	70	130	
Methyl t-Butyl Ether (MTBE)	10	0.0	10.45	104	70	130	
1,1-Dichloroethane	10	0.0	11.11	111	70	130	
Acrylonitrile	10	0.0	9.963	100	70	130	
Cis-1,2-Dichloroethene	10	0.0	10.89	109	70	130	
2,2-Dichloropropane	10	0.0	11.11	111	70	130	
Bromochloromethane	10	0.0	11.19	112	70	130	
COMPOUND	SPIKE ADDED ug/L	LCSD CONCENTRATION ug/L	LCSD % REC #	% RPD	#	QC LIMITS RPD REC.	
Dichlorodifluoromethane	10	9.306	93	2.1	30	70	130
Chloromethane	10	10.09	101	2.0	30	70	130
Vinyl Chloride	10	10.24	102	1.0	30	70	130
Bromomethane	10	7.329	73	1.4	30	70	130
Chloroethane	10	12.78	128	2.3	30	70	130
Trichlorofluoromethane	10	10.04	100	2.0	30	70	130
1,1-Dichloroethene	10	10.08	101	1.0	30	70	130
Trichlorotrifluoroethane	10	9.635	96	5.1	30	70	130
Carbon Disulfide	10	10.24	102	4.8	30	70	130
Acrolein	50	57.70	115	2.6	30	70	130
Methylene Chloride	10	10.33	103	3.8	30	70	130
Acetone	10	9.512	95	3.2	30	70	130
Trans-1,2-Dichloroethene	10	10.29	103	2.9	30	70	130
Methyl t-Butyl Ether (MTBE)	10	10.50	105	1.0	30	70	130
1,1-Dichloroethane	10	10.86	109	1.8	30	70	130
Acrylonitrile	10	10.58	106	5.8	30	70	130
Cis-1,2-Dichloroethene	10	10.50	105	3.7	30	70	130
2,2-Dichloropropane	10	11.27	113	1.8	30	70	130
Bromochloromethane	10	10.72	107	4.6	30	70	130

FORM III VOA

## WATER VOLATILE LCS SPIKE / LCS SPIKE DUPLICATE RECOVERY

Lab Name: Phoenix Environmental Labs Client: HENNESSYLab Code: Phoenix Case No: \_\_\_\_\_ SAS No: \_\_\_\_\_ SDG No GCU53153LCS Spike - Client Id: CU53157 LCS Level:(low/med) Med

COMPOUND	SPIKE ADDED ug/L	SAMPLE CONCENTRATION ug/L	LCS CONCENTRATION ug/L	LCS % REC #	QC LIMITS REC.		
Chloroform	10	0.0	10.53	105	70	130	
Carbon Tetrachloride	10	0.0	10.73	107	70	130	
Tetrahydrofuran (THF)	25	0.0	23.22	93	70	130	
1,1,1-Trichloroethane	10	0.0	10.50	105	70	130	
Methyl Ethyl Ketone	10	0.0	8.498	85	70	130	
1,1-Dichloropropene	10	0.0	9.488	95	70	130	
Benzene	10	0.0	10.51	105	70	130	
1,2-Dichloroethane	10	0.0	10.34	103	70	130	
Trichloroethene	10	0.0	10.58	106	70	130	
Dibromomethane	10	0.0	9.898	99	70	130	
1,2-dichloropropane	10	0.0	10.19	102	70	130	
Bromodichloromethane	10	0.0	10.91	109	70	130	
cis-1,3-Dichloropropene	10	0.0	10.49	105	70	130	
Toluene	10	0.0	10.31	103	70	130	
4-Methyl-2-Pentanone	10	0.0	8.865	89	70	130	
Tetrachloroethene	10	0.0	9.566	96	70	130	
trans-1,3-Dichloropropene	10	0.0	11.57	116	70	130	
1,1,2-Trichloroethane	10	0.0	10.20	102	70	130	
Dibromochloromethane	10	0.0	11.08	111	70	130	
COMPOUND	SPIKE ADDED ug/L	LCSD CONCENTRATION ug/L	LCSD % REC #	% RPD	#	QC LIMITS RPD REC.	
Chloroform	10	10.07	101	3.9	30	70	130
Carbon Tetrachloride	10	10.33	103	3.8	30	70	130
Tetrahydrofuran (THF)	25	22.34	89	4.4	30	70	130
1,1,1-Trichloroethane	10	10.17	102	2.9	30	70	130
Methyl Ethyl Ketone	10	8.928	89	4.6	30	70	130
1,1-Dichloropropene	10	9.100	91	4.3	30	70	130
Benzene	10	10.40	104	1.0	30	70	130
1,2-Dichloroethane	10	10.18	102	1.0	30	70	130
Trichloroethene	10	10.32	103	2.9	30	70	130
Dibromomethane	10	10.13	101	2.0	30	70	130
1,2-dichloropropane	10	9.847	98	4.0	30	70	130
Bromodichloromethane	10	10.72	107	1.9	30	70	130
cis-1,3-Dichloropropene	10	10.65	106	0.9	30	70	130
Toluene	10	10.22	102	1.0	30	70	130
4-Methyl-2-Pentanone	10	9.098	91	2.2	30	70	130
Tetrachloroethene	10	9.576	96	0.0	30	70	130
trans-1,3-Dichloropropene	10	11.35	113	2.6	30	70	130
1,1,2-Trichloroethane	10	10.06	101	1.0	30	70	130
Dibromochloromethane	10	11.31	113	1.8	30	70	130

FORM III VOA

## WATER VOLATILE LCS SPIKE / LCS SPIKE DUPLICATE RECOVERY

Lab Name: Phoenix Environmental Labs Client: HENNESSYLab Code: Phoenix Case No: \_\_\_\_\_ SAS No: \_\_\_\_\_ SDG No GCU53153LCS Spike - Client Id: CU53157 LCS Level:(low/med) Med

COMPOUND	SPIKE ADDED ug/L	SAMPLE CONCENTRATION ug/L	LCS CONCENTRATION ug/L	LCS % REC #	QC LIMITS REC.		
1,3-Dichloropropane	10	0.0	10.23	102	70	130	
1,2-Dibromoethane	10	0.0	10.18	102	70	130	
2-Hexanone	10	0.0	8.342	83	70	130	
Chlorobenzene	10	0.0	10.40	104	70	130	
Ethylbenzene	10	0.0	10.68	107	70	130	
1,1,1,2-Tetrachloroethane	10	0.0	11.47	115	70	130	
m&p-Xylene	20	0.0	21.40	107	70	130	
o-Xylene	10	0.0	10.76	108	70	130	
Styrene	10	0.0	11.06	111	70	130	
Bromoform	10	0.0	11.81	118	70	130	
Isopropylbenzene	10	0.0	10.53	105	70	130	
Bromobenzene	10	0.0	10.47	105	70	130	
n-Propylbenzene	10	0.0	10.25	103	70	130	
1,1,2,2-Tetrachloroethane	10	0.0	9.744	97	70	130	
2-Chlorotoluene	10	0.0	10.78	108	70	130	
1,3,5-Trimethylbenzene	10	0.0	11.00	110	70	130	
1,2,3-Trichloropropane	10	0.0	10.50	105	70	130	
trans-1,4-Dichloro-2-butene	50	0.0	49.07	98	70	130	
4-Chlorotoluene	10	0.0	10.33	103	70	130	
COMPOUND	SPIKE ADDED ug/L	LCSD CONCENTRATION ug/L	LCSD % REC #	% RPD	#	QC LIMITS RPD REC.	
1,3-Dichloropropane	10	10.14	101	1.0	30	70	130
1,2-Dibromoethane	10	10.20	102	0.0	30	70	130
2-Hexanone	10	8.304	83	0.0	30	70	130
Chlorobenzene	10	10.41	104	0.0	30	70	130
Ethylbenzene	10	10.68	107	0.0	30	70	130
1,1,1,2-Tetrachloroethane	10	11.52	115	0.0	30	70	130
m&p-Xylene	20	21.36	107	0.0	30	70	130
o-Xylene	10	10.59	106	1.9	30	70	130
Styrene	10	11.12	111	0.0	30	70	130
Bromoform	10	11.53	115	2.6	30	70	130
Isopropylbenzene	10	10.28	103	1.9	30	70	130
Bromobenzene	10	10.30	103	1.9	30	70	130
n-Propylbenzene	10	10.31	103	0.0	30	70	130
1,1,2,2-Tetrachloroethane	10	9.950	100	3.0	30	70	130
2-Chlorotoluene	10	10.30	103	4.7	30	70	130
1,3,5-Trimethylbenzene	10	10.79	108	1.8	30	70	130
1,2,3-Trichloropropane	10	10.58	106	0.9	30	70	130
trans-1,4-Dichloro-2-butene	50	55.28	111	12.4	30	70	130
4-Chlorotoluene	10	10.32	103	0.0	30	70	130

FORM III VOA

WATER VOLATILE LCS SPIKE / LCS SPIKE DUPLICATE RECOVERY

Lab Name: Phoenix Environmental Labs Client: HENNESSY

Lab Code: Phoenix Case No: \_\_\_\_\_ SAS No: \_\_\_\_\_ SDG No GCU53153

LCS Spike - Client Id: CU53157 LCS Level:(low/med) Med

COMPOUND	SPIKE ADDED ug/L	SAMPLE CONCENTRATION ug/L	LCS CONCENTRATION ug/L	LCS % REC #	QC LIMITS REC.		
tert-Butylbenzene	10	0.0	10.43	104	70	130	
1,2,4-Trimethylbenzene	10	0.0	10.96	110	70	130	
sec-Butylbenzene	10	0.0	10.13	101	70	130	
p-Isopropyltoluene	10	0.0	10.62	106	70	130	
1,3-Dichlorobenzene	10	0.0	10.62	106	70	130	
1,4-Dichlorobenzene	10	0.0	10.60	106	70	130	
2-Isopropyltoluene	10	0.0	10.84	108	70	130	
n-Butylbenzene	10	0.0	10.40	104	70	130	
1,2-Dichlorobenzene	10	0.0	10.06	101	70	130	
1,2-Dibromo-3-Chloropropane	10	0.0	9.484	95	70	130	
Hexachlorobutadiene	10	0.0	9.171	92	70	130	
1,2,4-Trichlorobenzene	10	0.0	9.811	98	70	130	
Naphthalene	10	0.0	9.359	94	70	130	
1,2,3-Trichlorobenzene	10	0.0	9.051	91	70	130	
COMPOUND	SPIKE ADDED ug/L	LCSD CONCENTRATION ug/L	LCSD % REC #	% RPD	#	QC LIMITS RPD REC.	
tert-Butylbenzene	10	10.34	103	1.0	30	70	130
1,2,4-Trimethylbenzene	10	10.90	109	0.9	30	70	130
sec-Butylbenzene	10	10.12	101	0.0	30	70	130
p-Isopropyltoluene	10	10.44	104	1.9	30	70	130
1,3-Dichlorobenzene	10	10.48	105	0.9	30	70	130
1,4-Dichlorobenzene	10	10.37	104	1.9	30	70	130
2-Isopropyltoluene	10	10.63	106	1.9	30	70	130
n-Butylbenzene	10	10.16	102	1.9	30	70	130
1,2-Dichlorobenzene	10	10.03	100	1.0	30	70	130
1,2-Dibromo-3-Chloropropane	10	9.566	96	1.0	30	70	130
Hexachlorobutadiene	10	9.238	92	0.0	30	70	130
1,2,4-Trichlorobenzene	10	9.681	97	1.0	30	70	130
Naphthalene	10	9.311	93	1.1	30	70	130
1,2,3-Trichlorobenzene	10	9.366	94	3.2	30	70	130

## WATER VOLATILE MATRIX SPIKE / MATRIX SPIKE DUPLICATE RECOVERY

Lab Name: Phoenix Environmental Labs Client: HENNESSYLab Code: Phoenix Case No: \_\_\_\_\_ SAS No: \_\_\_\_\_ SDG No GCU53153Matrix Spike - Client Id: CU53157 / MW-3 MS Level:(low/med) Med

COMPOUND	SPIKE ADDED ug/L	SAMPLE CONCENTRATION ug/L	MS CONCENTRATION ug/L	MS % REC #	QC LIMITS REC.		
Dichlorodifluoromethane	10.00	0.0	11.67	117	70	130	
Chloromethane	10.00	0.0	10.52	105	70	130	
Vinyl Chloride	10.00	95	125.6	NC	70	130	
<b>Bromomethane</b>	10.00	0.0	4.781	<b>48</b> *	70	130	
Chloroethane	10.00	0.0	12.28	123	70	130	
Trichlorofluoromethane	10.00	0.0	12.25	123	70	130	
1,1-Dichloroethene	10.00	1.2	11.83	107	59	172	
Trichlorotrifluoroethane	10.00	0.0	12.23	122	70	130	
Carbon Disulfide	10.00	0.0	10.97	110	70	130	
Acrolein	50.00	0.0	55.89	112	70	130	
Methylene Chloride	10.00	0.0	10.25	102	70	130	
Acetone	10.00	0.0	12.87	129	70	130	
Trans-1,2-Dichloroethene	10.00	6.6	17.57	110	70	130	
Methyl t-Butyl Ether (MTBE)	10.00	0.0	10.69	107	70	130	
1,1-Dichloroethane	10.00	0.0	11.24	112	70	130	
Acrylonitrile	10.00	0.0	11.30	113	70	130	
Cis-1,2-Dichloroethene	10.00	540	640.4	NC	70	130	
2,2-Dichloropropane	10.00	0.0	9.825	98	70	130	
Bromochloromethane	10.00	0.0	11.20	112	70	130	
COMPOUND	SPIKE ADDED ug/L	MSD CONCENTRATION ug/L	MSD % REC #	% RPD	#	QC LIMITS RPD REC.	
Dichlorodifluoromethane	10.00	11.65	117	0.0	30	70	130
Chloromethane	10.00	11.21	112	6.5	30	70	130
Vinyl Chloride	10.00	130.4	NC		30	70	130
<b>Bromomethane</b>	10.00	5.785	<b>58</b> *	18.9	30	70	130
Chloroethane	10.00	12.17	122	0.8	30	70	130
Trichlorofluoromethane	10.00	12.08	121	1.6	30	70	130
1,1-Dichloroethene	10.00	12.04	109	1.9	30	59	172
Trichlorotrifluoroethane	10.00	12.10	121	0.8	30	70	130
Carbon Disulfide	10.00	11.07	111	0.9	30	70	130
Acrolein	50.00	58.68	117	4.4	30	70	130
Methylene Chloride	10.00	10.24	102	0.0	30	70	130
Acetone	10.00	12.98	130	0.8	30	70	130
Trans-1,2-Dichloroethene	10.00	17.39	108	1.8	30	70	130
Methyl t-Butyl Ether (MTBE)	10.00	10.73	107	0.0	30	70	130
1,1-Dichloroethane	10.00	11.15	112	0.0	30	70	130
Acrylonitrile	10.00	10.52	105	7.3	30	70	130
Cis-1,2-Dichloroethene	10.00	657.1	NC		30	70	130
2,2-Dichloropropane	10.00	10.17	102	4.0	30	70	130
Bromochloromethane	10.00	11.49	115	2.6	30	70	130

FORM III VOA

## WATER VOLATILE MATRIX SPIKE / MATRIX SPIKE DUPLICATE RECOVERY

Lab Name: Phoenix Environmental Labs Client: HENNESSYLab Code: Phoenix Case No: \_\_\_\_\_ SAS No: \_\_\_\_\_ SDG No GCU53153Matrix Spike - Client Id: CU53157 / MW-3 MS Level:(low/med) Med

COMPOUND	SPIKE ADDED ug/L	SAMPLE CONCENTRATION ug/L	MS CONCENTRATION ug/L	MS % REC #	QC LIMITS REC.		
Chloroform	10.00	0.0	11.15	112	70	130	
Carbon Tetrachloride	10.00	0.0	12.00	120	70	130	
Tetrahydrofuran (THF)	25.00	0.0	28.50	114	70	130	
1,1,1-Trichloroethane	10.00	0.0	11.40	114	70	130	
Methyl Ethyl Ketone	10.00	0.0	11.38	114	70	130	
1,1-Dichloropropene	10.00	0.0	10.30	103	70	130	
Benzene	10.00	0.0	10.67	107	66	142	
1,2-Dichloroethane	10.00	0.0	10.32	103	70	130	
Trichloroethene	10.00	57	85.13	NC	62	137	
Dibromomethane	10.00	0.0	10.13	101	70	130	
1,2-dichloropropane	10.00	0.0	10.34	103	70	130	
Bromodichloromethane	10.00	0.0	10.73	107	70	130	
cis-1,3-Dichloropropene	10.00	0.0	9.894	99	70	130	
Toluene	10.00	0.0	10.56	106	59	139	
4-Methyl-2-Pentanone	10.00	0.0	10.07	101	70	130	
Tetrachloroethene	10.00	59	84.51	NC	70	130	
trans-1,3-Dichloropropene	10.00	0.0	11.11	111	70	130	
1,1,2-Trichloroethane	10.00	0.0	10.46	105	70	130	
Dibromochloromethane	10.00	0.0	11.41	114	70	130	
COMPOUND	SPIKE ADDED ug/L	MSD CONCENTRATION ug/L	MSD % REC #	% RPD	#	QC LIMITS RPD REC.	
Chloroform	10.00	10.63	106	5.5	30	70	130
Carbon Tetrachloride	10.00	12.06	121	0.8	30	70	130
Tetrahydrofuran (THF)	25.00	26.64	107	6.3	30	70	130
1,1,1-Trichloroethane	10.00	11.26	113	0.9	30	70	130
Methyl Ethyl Ketone	10.00	11.01	110	3.6	30	70	130
1,1-Dichloropropene	10.00	10.38	104	1.0	30	70	130
Benzene	10.00	10.83	108	0.9	30	66	142
1,2-Dichloroethane	10.00	10.21	102	1.0	30	70	130
Trichloroethene	10.00	87.46	NC		30	62	137
Dibromomethane	10.00	10.37	104	2.9	30	70	130
1,2-dichloropropane	10.00	10.29	103	0.0	30	70	130
Bromodichloromethane	10.00	10.63	106	0.9	30	70	130
cis-1,3-Dichloropropene	10.00	10.43	104	4.9	30	70	130
Toluene	10.00	10.59	106	0.0	30	59	139
4-Methyl-2-Pentanone	10.00	10.08	101	0.0	30	70	130
Tetrachloroethene	10.00	88.15	NC		30	70	130
trans-1,3-Dichloropropene	10.00	11.35	114	2.7	30	70	130
1,1,2-Trichloroethane	10.00	10.66	107	1.9	30	70	130
Dibromochloromethane	10.00	11.30	113	0.9	30	70	130

FORM III VOA

## WATER VOLATILE MATRIX SPIKE / MATRIX SPIKE DUPLICATE RECOVERY

Lab Name: Phoenix Environmental Labs Client: HENNESSYLab Code: Phoenix Case No: \_\_\_\_\_ SAS No: \_\_\_\_\_ SDG No GCU53153Matrix Spike - Client Id: CU53157 / MW-3 MS Level:(low/med) Med

COMPOUND	SPIKE ADDED ug/L	SAMPLE CONCENTRATION ug/L	MS CONCENTRATION ug/L	MS % REC #	QC LIMITS REC.		
1,3-Dichloropropane	10.00	0.0	10.55	106	70	130	
1,2-Dibromoethane	10.00	0.0	10.84	108	70	130	
2-Hexanone	10.00	0.0	9.945	99	70	130	
Chlorobenzene	10.00	0.0	10.81	108	60	133	
Ethylbenzene	10.00	0.0	11.29	113	70	130	
1,1,1,2-Tetrachloroethane	10.00	0.0	11.76	118	70	130	
m&p-Xylene	20.00	0.0	22.66	113	70	130	
o-Xylene	10.00	0.0	11.04	110	70	130	
Styrene	10.00	0.0	11.40	114	70	130	
Bromoform	10.00	0.0	12.31	123	70	130	
Isopropylbenzene	10.00	0.0	10.34	103	70	130	
Bromobenzene	10.00	0.0	10.42	104	70	130	
n-Propylbenzene	10.00	0.0	10.46	105	70	130	
1,1,2,2-Tetrachloroethane	10.00	0.0	10.27	103	70	130	
2-Chlorotoluene	10.00	0.0	10.45	105	70	130	
1,3,5-Trimethylbenzene	10.00	0.0	11.02	110	70	130	
1,2,3-Trichloropropane	10.00	0.0	10.16	102	70	130	
trans-1,4-Dichloro-2-butene	50.00	0.0	56.25	113	70	130	
4-Chlorotoluene	10.00	0.0	10.32	103	70	130	
COMPOUND	SPIKE ADDED ug/L	MSD CONCENTRATION ug/L	MSD % REC #	% RPD	#	QC LIMITS RPD REC.	
1,3-Dichloropropane	10.00	10.93	109	2.8	30	70	130
1,2-Dibromoethane	10.00	10.85	109	0.9	30	70	130
2-Hexanone	10.00	10.63	106	6.8	30	70	130
Chlorobenzene	10.00	10.95	110	1.8	30	60	133
Ethylbenzene	10.00	11.22	112	0.9	30	70	130
1,1,1,2-Tetrachloroethane	10.00	11.87	119	0.8	30	70	130
m&p-Xylene	20.00	22.83	114	0.9	30	70	130
o-Xylene	10.00	10.97	110	0.0	30	70	130
Styrene	10.00	11.66	117	2.6	30	70	130
Bromoform	10.00	12.44	124	0.8	30	70	130
Isopropylbenzene	10.00	10.48	105	1.9	30	70	130
Bromobenzene	10.00	10.43	104	0.0	30	70	130
n-Propylbenzene	10.00	10.56	106	0.9	30	70	130
1,1,2,2-Tetrachloroethane	10.00	10.52	105	1.9	30	70	130
2-Chlorotoluene	10.00	10.87	109	3.7	30	70	130
1,3,5-Trimethylbenzene	10.00	11.01	110	0.0	30	70	130
1,2,3-Trichloropropane	10.00	11.39	114	11.1	30	70	130
trans-1,4-Dichloro-2-butene	50.00	53.71	107	5.5	30	70	130
4-Chlorotoluene	10.00	10.36	104	1.0	30	70	130

FORM III VOA

WATER VOLATILE MATRIX SPIKE / MATRIX SPIKE DUPLICATE RECOVERY

Lab Name: Phoenix Environmental Labs Client: HENNESSY

Lab Code: Phoenix Case No: \_\_\_\_\_ SAS No: \_\_\_\_\_ SDG No GCU53153

Matrix Spike - Client Id: CU53157 / MW-3 MS Level:(low/med) Med

COMPOUND	SPIKE ADDED ug/L	SAMPLE CONCENTRATION ug/L		MS CONCENTRATION ug/L	MS % REC #	QC LIMITS REC.	
tert-Butylbenzene	10.00	0.0		10.73	107	70	130
1,2,4-Trimethylbenzene	10.00	0.0		10.93	109	70	130
sec-Butylbenzene	10.00	0.0		10.69	107	70	130
p-Isopropyltoluene	10.00	0.0		10.87	109	70	130
1,3-Dichlorobenzene	10.00	0.0		10.44	104	70	130
1,4-Dichlorobenzene	10.00	0.0		10.32	103	70	130
2-Isopropyltoluene	10.00	0.0		10.94	109	70	130
n-Butylbenzene	10.00	0.0		10.72	107	70	130
1,2-Dichlorobenzene	10.00	0.0		10.11	101	70	130
1,2-Dibromo-3-Chloropropane	10.00	0.0		10.60	106	70	130
Hexachlorobutadiene	10.00	0.0		10.08	101	70	130
1,2,4-Trichlorobenzene	10.00	0.0		9.990	100	70	130
Naphthalene	10.00	0.0		10.17	102	70	130
1,2,3-Trichlorobenzene	10.00	0.0		9.984	100	70	130
COMPOUND	SPIKE ADDED ug/L	MSD CONCENTRATION ug/L	MSD % REC #	% RPD	#	QC LIMITS	
						RPD	REC.
tert-Butylbenzene	10.00	10.90	109	1.9	30	70	130
1,2,4-Trimethylbenzene	10.00	11.00	110	0.9	30	70	130
sec-Butylbenzene	10.00	10.86	109	1.9	30	70	130
p-Isopropyltoluene	10.00	10.96	110	0.9	30	70	130
1,3-Dichlorobenzene	10.00	10.56	106	1.9	30	70	130
1,4-Dichlorobenzene	10.00	10.41	104	1.0	30	70	130
2-Isopropyltoluene	10.00	10.87	109	0.0	30	70	130
n-Butylbenzene	10.00	10.90	109	1.9	30	70	130
1,2-Dichlorobenzene	10.00	10.31	103	2.0	30	70	130
1,2-Dibromo-3-Chloropropane	10.00	11.15	112	5.5	30	70	130
Hexachlorobutadiene	10.00	10.32	103	2.0	30	70	130
1,2,4-Trichlorobenzene	10.00	10.35	104	3.9	30	70	130
Naphthalene	10.00	10.37	104	1.9	30	70	130
1,2,3-Trichlorobenzene	10.00	10.39	104	3.9	30	70	130

6B  
VOLATILE ORGANICS INITIAL CALIBRATION DATA

Lab Name: Phoenix Environmental Labs Client: HENNESSY

Lab Code: Phoenix Case No.: \_\_\_\_\_ SAS No.: \_\_\_\_\_ SDG No.: GCU53153

Instrument ID: CHEM02 Calibration Date(s): 10/20/25 10/20/25

Heated Purge (Y/N): N Calibration Time(s): 11:46 13:44

GC Column: \_\_\_\_\_ Method File: VT-102025.M

LAB FILE ID:

RRF 0.5 1020\_09.D RRF 2 1020\_10.D RRF 4 1020\_11.D RRF 10 1020\_12.D  
RRF 20 1020\_13.D RRF 30 1020\_14.D

COMPOUND	RRF 0.5	RRF 2	RRF 4	RRF 10	RRF 20	RRF 30				RRF	% RSD	% RSD LIMITS
Dichlorodifluoromethane	0.573	0.612	0.607	0.564	0.574	0.541				0.578	4.7	20 (40)
Chloromethane	0.963	0.897	0.850	0.806	0.813	0.762				0.849	8.5	20 (40)
Vinyl Chloride	0.822	0.845	0.825	0.787	0.794	0.769				0.807	3.5	20 (30)
Bromomethane	0.131	0.097	0.098	0.107	0.119	0.123				0.112	12.5	20 (40)
Chloroethane	0.352	0.285	0.308	0.287	0.267	0.228				0.288	14.3	20 (40)
Trichlorofluoromethane	0.735	0.757	0.758	0.715	0.735	0.677				0.729	4.1	20 (40)
1,1-Dichloroethene	0.476	0.474	0.460	0.424	0.427	0.408				0.445	6.5	20 (30)
Trichlorotrifluoroethane	0.339	0.377	0.382	0.373	0.372	0.355				0.366	4.4	20 (40)
Carbon Disulfide	1.431	1.359	1.346	1.306	1.353	1.322				1.353	3.2	20 (40)
Acrolein	0.130	0.135	0.134	0.126	0.131	0.079				0.123	17.8	20 (40)
Methylene Chloride	0.603	0.534	0.530	0.483	0.486	0.465				0.517	9.7	20 (40)
Acetone		0.203	0.201	0.171	0.173	0.168				0.183	9.4	20 (40)
Trans-1,2-Dichloroethene	0.440	0.515	0.512	0.472	0.481	0.458				0.480	6.2	20 (40)
Methyl t-Butyl Ether (MTBE)	1.185	1.264	1.298	1.275	1.309	1.284				1.269	3.5	20 (40)
1,1-Dichloroethane	1.060	1.111	1.102	1.059	1.077	1.027				1.072	2.9	20 (40)
Acrylonitrile	0.292	0.303	0.284	0.285	0.293	0.282				0.290	2.8	20 (40)
Cis-1,2-Dichloroethene	0.513	0.502	0.525	0.504	0.510	0.492				0.508	2.2	20 (40)
2,2-Dichloropropane	0.691	0.736	0.763	0.714	0.721	0.689				0.719	3.9	20 (40)
Bromochloromethane	0.283	0.263	0.287	0.270	0.280	0.267				0.275	3.5	20 (40)
Chloroform	1.117	1.011	1.033	0.982	0.990	0.959				1.015	5.5	20 (30)
Carbon Tetrachloride	0.626	0.679	0.689	0.644	0.663	0.657				0.660	3.5	20 (40)
Tetrahydrofuran (THF)	0.215	0.215	0.211	0.202	0.224	0.221				0.215	3.6	20 (40)
1,1,1-Trichloroethane	0.766	0.846	0.833	0.836	0.847	0.814				0.824	3.7	20 (40)
Methyl Ethyl Ketone		0.206	0.276	0.273	0.304	0.307				0.273	14.8	20 (40)
1,1-Dichloropropene	0.433	0.488	0.484	0.479	0.508	0.506				0.483	5.7	20 (40)
Benzene	1.519	1.530	1.537	1.483	1.538	1.531				1.523	1.4	20 (40)
1,2-Dichloroethane	0.530	0.524	0.510	0.519	0.520	0.515				0.520	1.3	20 (40)
Trichloroethene	0.394	0.400	0.404	0.394	0.398	0.397				0.398	1.0	20 (40)
Dibromomethane	0.229	0.215	0.208	0.201	0.208	0.203				0.211	4.8	20 (40)
1,2-dichloropropane	0.469	0.486	0.446	0.430	0.461	0.447				0.457	4.3	20 (30)
Bromodichloromethane	0.430	0.398	0.423	0.417	0.440	0.429				0.423	3.4	20 (40)
cis-1,3-Dichloropropene	0.390	0.452	0.479	0.493	0.544	0.551				0.485	12.4	20 (40)
Toluene	0.947	0.956	0.966	0.951	1.007	1.004				0.972	2.8	20 (30)
4-Methyl-2-Pentanone	0.322	0.379	0.380	0.382	0.425	0.425				0.385	9.8	20 (40)
Tetrachloroethene	0.335	0.329	0.347	0.331	0.346	0.342				0.338	2.3	20 (40)
trans-1,3-Dichloropropene	0.334	0.405	0.416	0.457	0.500	0.507				0.436	15.0	20 (40)
1,1,2-Trichloroethane	0.341	0.316	0.337	0.319	0.328	0.328				0.328	3.0	20 (40)
Dibromochloromethane	0.338	0.376	0.390	0.406	0.441	0.431				0.397	9.5	20 (40)
1,3-Dichloropropane	0.572	0.653	0.679	0.674	0.726	0.698				0.667	7.9	20 (40)
1,2-Dibromoethane	0.297	0.376	0.395	0.388	0.420	0.406				0.381	11.5	20 (40)
2-Hexanone		0.264	0.277	0.299	0.339	0.353				0.306	12.6	20 (40)
Chlorobenzene	1.166	1.333	1.349	1.313	1.417	1.369				1.324	6.4	20 (40)
Ethylbenzene	0.647	0.716	0.720	0.711	0.789	0.768				0.725	6.9	20 (30)
1,1,1,2-Tetrachloroethane	0.347	0.410	0.408	0.403	0.441	0.428				0.406	8.0	20 (40)
m&p-Xylene	0.721	0.828	0.914	0.914	0.997	0.966				0.890	11.3	20 (40)
o-Xylene	0.625	0.785	0.811	0.828	0.930	0.903				0.814	13.2	20 (40)
Styrene	0.996	1.146	1.267	1.333	1.508	1.480				1.288	15.3	20 (40)
Bromoform	0.207	0.213	0.227	0.239	0.274	0.278				0.240	12.6	20 (40)

(\*) Recommended RRF not met (+) %D exceeds criteria % (#) %D exceeds (maximum) %

%D: 10% of target compounds are allowed to be above criteria %, but must be less than the (maximum) %

(l) linear (li) linear inverse conc weight (li2) linear inverse conc weight squared (q) quadratic (qi) quadratic inverse conc weight (qi2) quadratic inverse conc weight squared

Compounds not using average response (l, li, li2, q, qi, qi2) display concentrations and not response factors

FORM VI VOA



7A  
VOLATILE CONTINUING CALIBRATION CHECK

Lab Name: Phoenix Environmental Labs Client: HENNESSY  
 Lab Code: Phoenix Case No.: \_\_\_\_\_ SAS No.: \_\_\_\_\_ SDG No.: GCU53153  
 Instrument: CHEM02 Calibration Date: 10/19/25 Time: 14:37  
 Lab File Id: 1019\_03.D Init. Calib. Date(s): 10/13/25 10/13/25  
 Heated Purge (Y/N): N Init. Calib. Times: 11:52 13:49  
 GC Column: RTX-VMS Method File: VT-101325.M

COMPOUND	RRF	RRF10	RRF MIN	%D	% D LIMITS
Pentafluorobenzene (IS Area/Area%)	358008	317707	n.a.	88.7	50-200
1,4-Difluorobenzene (IS Area/Area%)	574823	501770	n.a.	87.3	50-200
Chlorobenzene-d5 (IS Area/Area%)	470674	397618	n.a.	84.5	50-200
1,4-Dichlorobenzene-d4 (IS Area/Area%)	267842	230354	n.a.	86.0	50-200
1,4-Dioxane d8 (IS Area/Area%)	31478	22331	n.a.	70.9	n.a.
Dichlorodifluoromethane	0.651	0.559	0.010	14.1	20 (60)
Chloromethane	0.851	0.793	0.010	6.8	20 (60)
Vinyl Chloride	0.748	0.748	0.010	0.0	20 (40)
<b>Bromomethane</b>	0.164	0.108	0.010	<b>34.1 +</b>	20 (60)
Chloroethane	0.232	0.272	0.010	-17.2	20 (40)
Trichlorofluoromethane	0.710	0.707	0.010	0.4	20 (40)
1,1-Dichloroethene	0.410	0.427	0.060	-4.1	20 (40)
Trichlorotrifluoroethane	0.366	0.337	0.050	7.9	20 (40)
Carbon Disulfide	1.271	1.349	0.100	-6.1	20 (40)
Acrolein	0.093	0.109	0.050	-17.2	20 (40)
Methylene Chloride	0.469	0.492	0.010	-4.9	20 (40)
Acetone	0.178	0.160	0.010	10.1	20 (60)
Trans-1,2-Dichloroethene	0.460	0.504	0.100	-9.6	20 (40)
Methyl t-Butyl Ether (MTBE)	1.254	1.255	0.100	-0.1	20 (40)
1,1-Dichloroethane	0.940	1.055	0.300	-12.2	20 (40)
Acrylonitrile	0.251	0.251	0.050	0.0	20 (40)
Cis-1,2-Dichloroethene	0.485	0.495	0.200	-2.1	20 (40)
2,2-Dichloropropane	0.666	0.763	0.050	-14.6	20 (40)
Bromochloromethane	0.263	0.275	0.100	-4.6	20 (40)
Chloroform	0.980	1.020	0.300	-4.1	20 (40)
Carbon Tetrachloride	0.614	0.666	0.100	-8.5	20 (40)
Tetrahydrofuran (THF)	0.217	0.193	0.050	11.1	20 (40)
1,1,1-Trichloroethane	0.824	0.858	0.050	-4.1	20 (40)
Methyl Ethyl Ketone	0.294	0.268	0.010	8.8	20 (60)
1,1-Dichloropropene	0.458	0.450	0.050	1.7	20 (40)
Benzene	1.410	1.475	0.200	-4.6	20 (40)
1,2-Dichloroethane	0.481	0.498	0.070	-3.5	20 (40)
Trichloroethene	0.380	0.387	0.200	-1.8	20 (40)
Dibromomethane	0.200	0.190	0.050	5.0	20 (40)
1,2-dichloropropane	0.409	0.428	0.200	-4.6	20 (40)

(\*) Recommended RRF not met (+) %D exceeds criteria % (#) %D exceeds (maximum) criteria

%D: 20% of target compounds are allowed to be above criteria %, but must be less than the (maximum) %D

(l) linear (li) linear inv conc wgt (li2) linear inv conc wgt^2 (q) quadratic (qi) quadratic inv conc wgt (qi2) quadratic inv conc wgt^2

Compounds not using average response (l, li, li2, q, qi, qi2) display concentrations and not response factors

7B  
VOLATILE CONTINUING CALIBRATION CHECK

Lab Name: Phoenix Environmental Labs Client: HENNESSY  
 Lab Code: Phoenix Case No.: \_\_\_\_\_ SAS No.: \_\_\_\_\_ SDG No.: GCU53153  
 Instrument: CHEM02 Calibration Date: 10/19/25 Time: 14:37  
 Lab File Id: 1019\_03.D Init. Calib. Date(s): 10/13/25 10/13/25  
 Heated Purge (Y/N): N Init. Calib. Times: 11:52 13:49  
 GC Column: RTX-VMS Method File: VT-101325.M

COMPOUND	RRF	RRF10	RRF MIN	%D	% D LIMITS
Bromodichloromethane	0.391	0.418	0.300	-6.9	20 (40)
cis-1,3-Dichloropropene	0.473	0.494	0.300	-4.4	20 (40)
Toluene	0.933	0.960	0.300	-2.9	20 (40)
4-Methyl-2-Pentanone	0.396	0.352	0.030	11.1	20 (60)
Tetrachloroethene	0.325	0.319	0.100	1.8	20 (40)
trans-1,3-Dichloropropene	0.408	0.429	0.300	-5.1	20 (40)
1,1,2-Trichloroethane	0.314	0.313	0.200	0.3	20 (40)
Dibromochloromethane	0.353	0.413	0.200	-17.0	20 (40)
1,3-Dichloropropane	0.649	0.658	0.050	-1.4	20 (40)
1,2-Dibromoethane	0.376	0.392	0.200	-4.3	20 (40)
2-Hexanone	0.318	0.267	0.010	16.0	20 (60)
Chlorobenzene	1.226	1.329	0.400	-8.4	20 (40)
Ethylbenzene	0.675	0.738	0.400	-9.3	20 (40)
1,1,1,2-Tetrachloroethane	0.367	0.422	0.050	-15.0	20 (40)
m&p-Xylene	0.849	0.955	0.200	-12.5	20 (40)
o-Xylene	0.785	0.870	0.200	-10.8	20 (40)
Styrene	1.232	1.398	0.200	-13.5	20 (40)
<b>Bromoform</b>	0.201	0.245	0.100	<b>-21.9</b> +	20 (40)
Isopropylbenzene	1.049	1.103	0.400	-5.1	20 (40)
Bromobenzene	0.903	0.919	0.050	-1.8	20 (40)
n-Propylbenzene	1.142	1.231	0.050	-7.8	20 (40)
1,1,2,2-Tetrachloroethane	0.913	0.884	0.200	3.2	20 (40)
2-Chlorotoluene	0.888	0.934	0.050	-5.2	20 (40)
1,3,5-Trimethylbenzene	3.305	3.618	0.050	-9.5	20 (40)
1,2,3-Trichloropropane	0.793	0.744	0.050	6.2	20 (40)
<b>trans-1,4-Dichloro-2-butene</b>	0.277	0.333	0.050	<b>-20.2</b> +	20 (40)
4-Chlorotoluene	0.956	0.991	0.050	-3.7	20 (40)
tert-Butylbenzene	2.911	3.096	0.050	-6.4	20 (40)
1,2,4-Trimethylbenzene	3.281	3.560	0.050	-8.5	20 (40)
sec-Butylbenzene	4.597	4.756	0.050	-3.5	20 (40)
p-Isopropyltoluene	3.805	4.073	0.050	-7.0	20 (40)
1,3-Dichlorobenzene	1.758	1.837	0.500	-4.5	20 (40)
1,4-Dichlorobenzene	1.811	1.878	0.600	-3.7	20 (40)
2-Isopropyltoluene	3.639	3.850	0.050	-5.8	20 (40)
n-Butylbenzene	3.471	3.594	0.050	-3.5	20 (40)

(\*) Recommended RRF not met (+) %D exceeds criteria % (#) %D exceeds (maximum) criteria

%D: 20% of target compounds are allowed to be above criteria %, but must be less than the (maximum) %D

(l) linear (li) linear inv conc wgt (li2) linear inv conc wgt^2 (q) quadratic (qi) quadratic inv conc wgt (qi2) quadratic inv conc wgt^2

Compounds not using average response (l, li, li2, q, qi, qi2) display concentrations and not response factors



7A  
VOLATILE CONTINUING CALIBRATION CHECK

Lab Name: Phoenix Environmental Labs Client: HENNESSY  
 Lab Code: Phoenix Case No.: \_\_\_\_\_ SAS No.: \_\_\_\_\_ SDG No.: GCU53153  
 Instrument: CHEM02 Calibration Date: 10/20/25 Time: 18:05  
 Lab File Id: 1020\_19.D Init. Calib. Date(s): 10/20/25 10/20/25  
 Heated Purge (Y/N): N Init. Calib. Times: 11:46 13:44  
 GC Column: RTX-VMS Method File: VT-102025.M

COMPOUND	RRF	RRF10	RRF MIN	%D	% D LIMITS
Pentafluorobenzene (IS Area/Area%)	467819	486944	n.a.	104.1	50-200
1,4-Difluorobenzene (IS Area/Area%)	726396	744683	n.a.	102.5	50-200
Chlorobenzene-d5 (IS Area/Area%)	596091	609438	n.a.	102.2	50-200
1,4-Dichlorobenzene-d4 (IS Area/Area%)	326871	331103	n.a.	101.3	50-200
1,4-Dioxane d8 (IS Area/Area%)	32450	33184	n.a.	102.3	n.a.
Dichlorodifluoromethane	0.578	0.458	0.010	20.8 +	20 (60)
Chloromethane	0.849	0.712	0.010	16.1	20 (60)
Vinyl Chloride	0.807	0.674	0.010	16.5	20 (40)
Bromomethane	0.112	0.111	0.010	0.9	20 (60)
Chloroethane	0.288	0.251	0.010	12.8	20 (40)
Trichlorofluoromethane	0.729	0.590	0.010	19.1	20 (40)
1,1-Dichloroethene	0.445	0.367	0.060	17.5	20 (40)
Trichlorotrifluoroethane	0.366	0.306	0.050	16.4	20 (40)
Carbon Disulfide	1.353	1.153	0.100	14.8	20 (40)
Acrolein	0.123	0.118	0.050	4.1	20 (40)
Methylene Chloride	0.517	0.448	0.010	13.3	20 (40)
Acetone	0.183	0.153	0.010	16.4	20 (60)
Trans-1,2-Dichloroethene	0.480	0.430	0.100	10.4	20 (40)
Methyl t-Butyl Ether (MTBE)	1.269	1.170	0.100	7.8	20 (40)
1,1-Dichloroethane	1.072	0.959	0.300	10.5	20 (40)
Acrylonitrile	0.290	0.249	0.050	14.1	20 (40)
Cis-1,2-Dichloroethene	0.508	0.469	0.200	7.7	20 (40)
2,2-Dichloropropane	0.719	0.642	0.050	10.7	20 (40)
Bromochloromethane	0.275	0.259	0.100	5.8	20 (40)
Chloroform	1.015	0.898	0.300	11.5	20 (40)
Carbon Tetrachloride	0.660	0.562	0.100	14.8	20 (40)
Tetrahydrofuran (THF)	0.215	0.190	0.050	11.6	20 (40)
1,1,1-Trichloroethane	0.824	0.724	0.050	12.1	20 (40)
Methyl Ethyl Ketone	0.273	0.238	0.010	12.8	20 (60)
1,1-Dichloropropene	0.483	0.428	0.050	11.4	20 (40)
Benzene	1.523	1.353	0.200	11.2	20 (40)
1,2-Dichloroethane	0.520	0.478	0.070	8.1	20 (40)
Trichloroethene	0.398	0.363	0.200	8.8	20 (40)
Dibromomethane	0.211	0.189	0.050	10.4	20 (40)
1,2-dichloropropane	0.457	0.406	0.200	11.2	20 (40)

(\*) Recommended RRF not met (+) %D exceeds criteria % (#) %D exceeds (maximum) criteria

%D: 20% of target compounds are allowed to be above criteria %, but must be less than the (maximum) %D

(l) linear (li) linear inv conc wgt (li2) linear inv conc wgt^2 (q) quadratic (qi) quadratic inv conc wgt (qi2) quadratic inv conc wgt^2

Compounds not using average response (l, li, li2, q, qi, qi2) display concentrations and not response factors

7B  
VOLATILE CONTINUING CALIBRATION CHECK

Lab Name: Phoenix Environmental Labs Client: HENNESSY  
 Lab Code: Phoenix Case No.: \_\_\_\_\_ SAS No.: \_\_\_\_\_ SDG No.: GCU53153  
 Instrument: CHEM02 Calibration Date: 10/20/25 Time: 18:05  
 Lab File Id: 1020\_19.D Init. Calib. Date(s): 10/20/25 10/20/25  
 Heated Purge (Y/N): N Init. Calib. Times: 11:46 13:44  
 GC Column: RTX-VMS Method File: VT-102025.M

COMPOUND	RRF	RRF10	RRF MIN	%D	% D LIMITS
Bromodichloromethane	0.423	0.395	0.300	6.6	20 (40)
cis-1,3-Dichloropropene	0.485	0.476	0.300	1.9	20 (40)
Toluene	0.972	0.876	0.300	9.9	20 (40)
4-Methyl-2-Pentanone	0.385	0.360	0.030	6.5	20 (60)
Tetrachloroethene	0.338	0.293	0.100	13.3	20 (40)
trans-1,3-Dichloropropene	0.436	0.431	0.300	1.1	20 (40)
1,1,2-Trichloroethane	0.328	0.305	0.200	7.0	20 (40)
Dibromochloromethane	0.397	0.372	0.200	6.3	20 (40)
1,3-Dichloropropane	0.667	0.632	0.050	5.2	20 (40)
1,2-Dibromoethane	0.381	0.362	0.200	5.0	20 (40)
2-Hexanone	0.306	0.273	0.010	10.8	20 (60)
Chlorobenzene	1.324	1.239	0.400	6.4	20 (40)
Ethylbenzene	0.725	0.673	0.400	7.2	20 (40)
1,1,1,2-Tetrachloroethane	0.406	0.382	0.050	5.9	20 (40)
m&p-Xylene	0.890	0.845	0.200	5.1	20 (40)
o-Xylene	0.814	0.792	0.200	2.7	20 (40)
Styrene	1.288	1.285	0.200	0.2	20 (40)
Bromoform	0.240	0.230	0.100	4.2	20 (40)
Isopropylbenzene	1.106	1.044	0.400	5.6	20 (40)
Bromobenzene	0.936	0.884	0.050	5.6	20 (40)
n-Propylbenzene	1.217	1.141	0.050	6.2	20 (40)
1,1,2,2-Tetrachloroethane	1.008	0.921	0.200	8.6	20 (40)
2-Chlorotoluene	0.934	0.908	0.050	2.8	20 (40)
1,3,5-Trimethylbenzene	3.486	3.399	0.050	2.5	20 (40)
1,2,3-Trichloropropane	0.870	0.788	0.050	9.4	20 (40)
trans-1,4-Dichloro-2-butene	0.310	0.313	0.050	-1.0	20 (40)
4-Chlorotoluene	1.000	0.976	0.050	2.4	20 (40)
tert-Butylbenzene	3.099	2.891	0.050	6.7	20 (40)
1,2,4-Trimethylbenzene	3.441	3.347	0.050	2.7	20 (40)
sec-Butylbenzene	4.880	4.525	0.050	7.3	20 (40)
p-Isopropyltoluene	3.980	3.818	0.050	4.1	20 (40)
1,3-Dichlorobenzene	1.858	1.734	0.500	6.7	20 (40)
1,4-Dichlorobenzene	1.890	1.806	0.600	4.4	20 (40)
2-Isopropyltoluene	3.817	3.664	0.050	4.0	20 (40)
n-Butylbenzene	3.668	3.407	0.050	7.1	20 (40)

(\*) Recommended RRF not met (+) %D exceeds criteria % (#) %D exceeds (maximum) criteria

%D: 20% of target compounds are allowed to be above criteria %, but must be less than the (maximum) %D

(l) linear (li) linear inv conc wgt (li2) linear inv conc wgt^2 (q) quadratic (qi) quadratic inv conc wgt (qi2) quadratic inv conc wgt^2

Compounds not using average response (l, li, li2, q, qi, qi2) display concentrations and not response factors



7A  
VOLATILE CONTINUING CALIBRATION CHECK

Lab Name: Phoenix Environmental Labs Client: HENNESSY  
 Lab Code: Phoenix Case No.: \_\_\_\_\_ SAS No.: \_\_\_\_\_ SDG No.: GCU53153  
 Instrument: CHEM17 Calibration Date: 10/22/25 Time: 20:57  
 Lab File Id: 1022\_32.D Init. Calib. Date(s): 10/21/25 10/21/25  
 Heated Purge (Y/N): N Init. Calib. Times: 12:15 14:14  
 GC Column: RTX-VMS Method File: VT-102125.M

COMPOUND	RRF	RRF10	RRF MIN	%D	% D LIMITS
Pentafluorobenzene (IS Area/Area%)	441692	448575	n.a.	101.6	50-200
1,4-Difluorobenzene (IS Area/Area%)	645012	662580	n.a.	102.7	50-200
Chlorobenzene-d5 (IS Area/Area%)	456912	472034	n.a.	103.3	50-200
1,4-Dichlorobenzene-d4 (IS Area/Area%)	177373	179208	n.a.	101.0	50-200
1,4-Dioxane d8 (IS Area/Area%)	11318	15040	n.a.	132.9	n.a.
Dichlorodifluoromethane	0.553	0.460	0.010	16.8	20 (60)
Chloromethane	0.654	0.585	0.010	10.6	20 (60)
Vinyl Chloride	0.644	0.583	0.010	9.5	20 (40)
<b>Bromomethane</b>	0.175	0.120	0.010	<b>31.4 +</b>	20 (60)
Chloroethane	0.261	0.227	0.010	13.0	20 (40)
Trichlorofluoromethane	0.814	0.696	0.010	14.5	20 (40)
1,1-Dichloroethene	0.444	0.379	0.060	14.6	20 (40)
Trichlorotrifluoroethane	0.345	0.297	0.050	13.9	20 (40)
Carbon Disulfide	1.250	1.137	0.100	9.0	20 (40)
Acrolein	0.070	0.067	0.050	4.3	20 (40)
Methylene Chloride	0.501	0.450	0.010	10.2	20 (40)
Acetone	0.124	0.125	0.010	-0.8	20 (60)
Trans-1,2-Dichloroethene	0.488	0.451	0.100	7.6	20 (40)
Methyl t-Butyl Ether (MTBE)	1.201	1.210	0.100	-0.7	20 (40)
1,1-Dichloroethane	0.940	0.868	0.300	7.7	20 (40)
Acrylonitrile	0.162	0.163	0.050	-0.6	20 (40)
Cis-1,2-Dichloroethene	0.494	0.454	0.200	8.1	20 (40)
2,2-Dichloropropane	0.591	0.595	0.050	-0.7	20 (40)
Bromochloromethane	0.227	0.217	0.100	4.4	20 (40)
Chloroform	0.902	0.833	0.300	7.6	20 (40)
Carbon Tetrachloride	0.673	0.591	0.100	12.2	20 (40)
Tetrahydrofuran (THF)	0.096	0.095	0.050	1.0	20 (40)
1,1,1-Trichloroethane	0.792	0.714	0.050	9.8	20 (40)
Methyl Ethyl Ketone	0.147	0.150	0.010	-2.0	20 (60)
1,1-Dichloropropene	0.431	0.381	0.050	11.6	20 (40)
Benzene	1.267	1.239	0.200	2.2	20 (40)
1,2-Dichloroethane	0.523	0.508	0.070	2.9	20 (40)
Trichloroethene	0.351	0.334	0.200	4.8	20 (40)
Dibromomethane	0.222	0.223	0.050	-0.5	20 (40)
1,2-dichloropropane	0.397	0.391	0.200	1.5	20 (40)

(\*) Recommended RRF not met (+) %D exceeds criteria % (#) %D exceeds (maximum) criteria

%D: 20% of target compounds are allowed to be above criteria %, but must be less than the (maximum) %D

(l) linear (li) linear inv conc wgt (li2) linear inv conc wgt^2 (q) quadratic (qi) quadratic inv conc wgt (qi2) quadratic inv conc wgt^2

Compounds not using average response (l, li, li2, q, qi, qi2) display concentrations and not response factors

7B  
VOLATILE CONTINUING CALIBRATION CHECK

Lab Name: Phoenix Environmental Labs Client: HENNESSY  
 Lab Code: Phoenix Case No.: \_\_\_\_\_ SAS No.: \_\_\_\_\_ SDG No.: GCU53153  
 Instrument: CHEM17 Calibration Date: 10/22/25 Time: 20:57  
 Lab File Id: 1022\_32.D Init. Calib. Date(s): 10/21/25 10/21/25  
 Heated Purge (Y/N): N Init. Calib. Times: 12:15 14:14  
 GC Column: RTX-VMS Method File: VT-102125.M

COMPOUND	RRF	RRF10	RRF MIN	%D	% D LIMITS
Bromodichloromethane	0.457	0.445	0.300	2.6	20 (40)
cis-1,3-Dichloropropene	0.497	0.510	0.300	-2.6	20 (40)
Toluene	0.801	0.769	0.300	4.0	20 (40)
4-Methyl-2-Pentanone	0.154	0.162	0.030	-5.2	20 (60)
Tetrachloroethene	0.289	0.270	0.100	6.6	20 (40)
trans-1,3-Dichloropropene	0.397	0.426	0.300	-7.3	20 (40)
1,1,2-Trichloroethane	0.282	0.283	0.200	-0.4	20 (40)
Dibromochloromethane	0.407	0.401	0.200	1.5	20 (40)
1,3-Dichloropropane	0.664	0.657	0.050	1.1	20 (40)
1,2-Dibromoethane	0.370	0.366	0.200	1.1	20 (40)
2-Hexanone	0.123	0.134	0.010	-8.9	20 (60)
Chlorobenzene	0.970	0.949	0.400	2.2	20 (40)
Ethylbenzene	0.502	0.503	0.400	-0.2	20 (40)
1,1,1,2-Tetrachloroethane	0.357	0.351	0.050	1.7	20 (40)
m&p-Xylene	0.561	0.581	0.200	-3.6	20 (40)
o-Xylene	0.492	0.518	0.200	-5.3	20 (40)
Styrene	0.680	0.741	0.200	-9.0	20 (40)
Bromoform	0.151	0.150	0.100	0.7	20 (40)
Isopropylbenzene	0.823	0.873	0.400	-6.1	20 (40)
Bromobenzene	0.775	0.775	0.050	0.0	20 (40)
n-Propylbenzene	0.759	0.800	0.050	-5.4	20 (40)
1,1,2,2-Tetrachloroethane	0.771	0.789	0.200	-2.3	20 (40)
2-Chlorotoluene	0.666	0.669	0.050	-0.5	20 (40)
1,3,5-Trimethylbenzene	2.174	2.333	0.050	-7.3	20 (40)
1,2,3-Trichloropropane	0.635	0.664	0.050	-4.6	20 (40)
trans-1,4-Dichloro-2-butene	0.160	0.178	0.050	-11.3	20 (40)
4-Chlorotoluene	0.675	0.688	0.050	-1.9	20 (40)
tert-Butylbenzene	1.862	1.938	0.050	-4.1	20 (40)
1,2,4-Trimethylbenzene	2.236	2.366	0.050	-5.8	20 (40)
sec-Butylbenzene	2.945	2.973	0.050	-1.0	20 (40)
p-Isopropyltoluene	2.394	2.551	0.050	-6.6	20 (40)
1,3-Dichlorobenzene	1.455	1.463	0.500	-0.5	20 (40)
1,4-Dichlorobenzene	1.509	1.443	0.600	4.4	20 (40)
2-Isopropyltoluene	2.398	2.455	0.050	-2.4	20 (40)
n-Butylbenzene	2.526	2.608	0.050	-3.2	20 (40)

(\* ) Recommended RRF not met (+) %D exceeds criteria % (#) %D exceeds (maximum) criteria

%D: 20% of target compounds are allowed to be above criteria %, but must be less than the (maximum) %D

(l) linear (li) linear inv conc wgt (li2) linear inv conc wgt^2 (q) quadratic (qi) quadratic inv conc wgt (qi2) quadratic inv conc wgt^2

Compounds not using average response (l, li, li2, q, qi, qi2) display concentrations and not response factors



# Field Duplicate Calculation Section

## Volatiles

### Calculations for Field Duplicate Relative Percent Difference (RPD)

SDG No. GCU53153

S1= M-1

S2= M-1 DUP

<u>Analyte</u>	<u>S1</u>	<u>S2</u>	<u>RPD (%)</u>	
cis-1,2-Dichloroethene	1500	1300	14%	
Tetrachloroethene	2300	2000	14%	
trans-1,2-Dichloroethene	16	11	37%	*
Trichloroethene	930	810	14%	
Vinyl chloride	150	120	22%	*

\* RPD is above the allowable maximum 20%.

Results are in units of ug/L.

**Bold numbers were values that are below the CRQL or above the high standard.**

ND - Not detected.

NC - Not calculated, both results must be within the linear range for valid RPDs to be calculated.

## **Appendix C**

### **Laboratory Results**



Monday, October 27, 2025

Hennessy Engineering  
P O Box 118  
Voorheesville, NY 12186

Project ID: FORMER DELMAR ROXY CLEANERS  
SDG ID: GCU53153  
Sample ID#s: CU53153 - CU53162

This laboratory is in compliance with the NELAC requirements of procedures used except where indicated.

This report contains results for the parameters tested, under the sampling conditions described on the Chain Of Custody, as received by the laboratory. This report is incomplete unless all pages indicated in the pagination at the bottom of the page are included.

A scanned version of the COC form accompanies the analytical report and is an exact duplicate of the original.

The contents of this report cannot be discussed with anyone other than the client listed above without their written consent.

Sincerely yours,

A handwritten signature in black ink that reads "Phyllis Shiller". The signature is written in a cursive style.

Phyllis Shiller  
Laboratory Director

NELAC - #NY11301  
CT Lab Registration #PH-0618  
MA Lab Registration #M-CT007  
ME Lab Registration #CT-007  
NH Lab Registration #213693-A,B

NJ Lab Registration #CT-003  
NY Lab Registration #11301  
PA Lab Registration #68-03530  
RI Lab Registration #63  
VT Lab Registration #VT11301



Environmental Laboratories, Inc.  
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045  
Tel. (860) 645-1102 Fax (860) 645-0823



## SDG Comments

October 27, 2025

SDG I.D.: GCU53153

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### 8260 Volatile Organics:

1,2-Dibromoethane, 1,2,3 Trichloropropane, and 1,2-Dibromo-3-chloropropane do not meet NY TOGS GA criteria, these compounds are analyzed by GC/FID method 504 or 8011 to achieve this criteria.

Any compound that is not detected above the MDL/LOD is reported as ND on the report and is reported in the electronic deliverables (EDD) as <RL or U at the RL per state and EPA guidance.

Version 1: Analysis results minus raw data.

Version 2: Complete report with raw data.



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## Sample Id Cross Reference

October 27, 2025

SDG I.D.: GCU53153

Project ID: FORMER DELMAR ROXY CLEANERS

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Client Id	Lab Id	Matrix	Col Date
MW-1	CU53153	GROUND WATER	10/16/25 15:05
MW-1, DUP	CU53154	GROUND WATER	10/16/25 15:20
MW-2 R	CU53155	GROUND WATER	10/16/25 14:45
MW-2 DR	CU53156	GROUND WATER	10/16/25 14:40
MW-3	CU53157	GROUND WATER	10/16/25 15:50
MW-4	CU53158	GROUND WATER	10/16/25 14:10
MW-5	CU53159	GROUND WATER	10/16/25 16:15
MW-6	CU53160	GROUND WATER	10/16/25 15:35
FIELD BLANK	CU53161	GROUND WATER	10/16/25 16:30
TRIP BLANK	CU53162	WATER	10/16/25 0:00



Environmental Laboratories, Inc.

587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045  
Tel. (860) 645-1102



Analysis Report

October 27, 2025

FOR: Hennessy Engineering  
P O Box 118  
Voorheesville, NY 12186

Sample Information

Matrix: GROUND WATER  
Location Code: HENNESSY  
Rush Request: Standard  
P.O.#:

Custody Information

Collected by: CC  
Received by: SW  
Analyzed by: see "By" below

Date

10/16/25  
10/17/25

Time

15:05  
16:50

Laboratory Data

SDG ID: GCU53153  
Phoenix ID: CU53153

Project ID: FORMER DELMAR ROXY CLEANERS  
Client ID: MW-1

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
<b>Volatiles</b>								
1,1,1,2-Tetrachloroethane	ND	5.0	5.0	ug/L	20	10/19/25	MH	SW8260D
1,1,1-Trichloroethane	ND	5.0	5.0	ug/L	20	10/19/25	MH	SW8260D
1,1,2,2-Tetrachloroethane	ND	5.0	5.0	ug/L	20	10/19/25	MH	SW8260D
1,1,2-Trichloroethane	ND	5.0	5.0	ug/L	20	10/19/25	MH	SW8260D
1,1-Dichloroethane	ND	5.0	5.0	ug/L	20	10/19/25	MH	SW8260D
1,1-Dichloroethene	ND	5.0	5.0	ug/L	20	10/19/25	MH	SW8260D
1,1-Dichloropropene	ND	5.0	5.0	ug/L	20	10/19/25	MH	SW8260D
1,2,3-Trichlorobenzene	ND	20	5.0	ug/L	20	10/19/25	MH	SW8260D
1,2,3-Trichloropropane	ND	5.0	5.0	ug/L	20	10/19/25	MH	SW8260D
1,2,4-Trichlorobenzene	ND	20	5.0	ug/L	20	10/19/25	MH	SW8260D
1,2,4-Trimethylbenzene	ND	5.0	5.0	ug/L	20	10/19/25	MH	SW8260D
1,2-Dibromo-3-chloropropane	ND	10	10	ug/L	20	10/19/25	MH	SW8260D
1,2-Dibromoethane	ND	5.0	5.0	ug/L	20	10/19/25	MH	SW8260D
1,2-Dichlorobenzene	ND	5.0	5.0	ug/L	20	10/19/25	MH	SW8260D
1,2-Dichloroethane	ND	10	10	ug/L	20	10/19/25	MH	SW8260D
1,2-Dichloropropane	ND	5.0	5.0	ug/L	20	10/19/25	MH	SW8260D
1,3,5-Trimethylbenzene	ND	5.0	5.0	ug/L	20	10/19/25	MH	SW8260D
1,3-Dichlorobenzene	ND	5.0	5.0	ug/L	20	10/19/25	MH	SW8260D
1,3-Dichloropropane	ND	5.0	5.0	ug/L	20	10/19/25	MH	SW8260D
1,4-Dichlorobenzene	ND	5.0	5.0	ug/L	20	10/19/25	MH	SW8260D
2,2-Dichloropropane	ND	5.0	5.0	ug/L	20	10/19/25	MH	SW8260D
2-Chlorotoluene	ND	5.0	5.0	ug/L	20	10/19/25	MH	SW8260D
2-Hexanone	ND	50	50	ug/L	20	10/19/25	MH	SW8260D
2-Isopropyltoluene	ND	5.0	5.0	ug/L	20	10/19/25	MH	SW8260D
4-Chlorotoluene	ND	5.0	5.0	ug/L	20	10/19/25	MH	SW8260D
4-Methyl-2-pentanone	ND	50	50	ug/L	20	10/19/25	MH	SW8260D

Client ID: MW-1

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
Acetone	ND	50	50	ug/L	20	10/19/25	MH	SW8260D
Acrolein	ND	50	50	ug/L	20	10/19/25	MH	SW8260D
Acrylonitrile	ND	10	10	ug/L	20	10/19/25	MH	SW8260D
Benzene	ND	5.0	5.0	ug/L	20	10/19/25	MH	SW8260D
Bromobenzene	ND	5.0	5.0	ug/L	20	10/19/25	MH	SW8260D
Bromochloromethane	ND	5.0	5.0	ug/L	20	10/19/25	MH	SW8260D
Bromodichloromethane	ND	20	5.0	ug/L	20	10/19/25	MH	SW8260D
Bromoform	ND	50	5.0	ug/L	20	10/19/25	MH	SW8260D
Bromomethane	ND	10	10	ug/L	20	10/19/25	MH	SW8260D
Carbon Disulfide	ND	20	5.0	ug/L	20	10/19/25	MH	SW8260D
Carbon tetrachloride	ND	5.0	5.0	ug/L	20	10/19/25	MH	SW8260D
Chlorobenzene	ND	5.0	5.0	ug/L	20	10/19/25	MH	SW8260D
Chloroethane	ND	5.0	5.0	ug/L	20	10/19/25	MH	SW8260D
Chloroform	ND	7.0	5.0	ug/L	20	10/19/25	MH	SW8260D
Chloromethane	ND	5.0	5.0	ug/L	20	10/19/25	MH	SW8260D
cis-1,2-Dichloroethene	1500	100	25	ug/L	100	10/20/25	MH	SW8260D
cis-1,3-Dichloropropene	ND	5.0	5.0	ug/L	20	10/19/25	MH	SW8260D
Dibromochloromethane	ND	20	5.0	ug/L	20	10/19/25	MH	SW8260D
Dibromomethane	ND	5.0	5.0	ug/L	20	10/19/25	MH	SW8260D
Dichlorodifluoromethane	ND	5.0	5.0	ug/L	20	10/19/25	MH	SW8260D
Ethylbenzene	ND	5.0	5.0	ug/L	20	10/19/25	MH	SW8260D
Hexachlorobutadiene	ND	4.0	4.0	ug/L	20	10/19/25	MH	SW8260D
Isopropylbenzene	ND	5.0	5.0	ug/L	20	10/19/25	MH	SW8260D
m&p-Xylene	ND	20	5.0	ug/L	20	10/19/25	MH	SW8260D
Methyl ethyl ketone	ND	50	50	ug/L	20	10/19/25	MH	SW8260D
Methyl t-butyl ether (MTBE)	ND	20	5.0	ug/L	20	10/19/25	MH	SW8260D
Methylene chloride	ND	10	10	ug/L	20	10/19/25	MH	SW8260D
Naphthalene	ND	10	10	ug/L	20	10/19/25	MH	SW8260D
n-Butylbenzene	ND	5.0	5.0	ug/L	20	10/19/25	MH	SW8260D
n-Propylbenzene	ND	5.0	5.0	ug/L	20	10/19/25	MH	SW8260D
o-Xylene	ND	5.0	5.0	ug/L	20	10/19/25	MH	SW8260D
p-Isopropyltoluene	ND	5.0	5.0	ug/L	20	10/19/25	MH	SW8260D
sec-Butylbenzene	ND	5.0	5.0	ug/L	20	10/19/25	MH	SW8260D
Styrene	ND	5.0	5.0	ug/L	20	10/19/25	MH	SW8260D
tert-Butylbenzene	ND	5.0	5.0	ug/L	20	10/19/25	MH	SW8260D
Tetrachloroethene	2300	100	25	ug/L	100	10/20/25	MH	SW8260D
Tetrahydrofuran (THF)	ND	50	50	ug/L	20	10/19/25	MH	SW8260D
Toluene	ND	5.0	5.0	ug/L	20	10/19/25	MH	SW8260D
trans-1,2-Dichloroethene	16	5.0	5.0	ug/L	20	10/19/25	MH	SW8260D
trans-1,3-Dichloropropene	ND	5.0	5.0	ug/L	20	10/19/25	MH	SW8260D
trans-1,4-dichloro-2-butene	ND	50	50	ug/L	20	10/19/25	MH	SW8260D
Trichloroethene	930	100	25	ug/L	100	10/20/25	MH	SW8260D
Trichlorofluoromethane	ND	5.0	5.0	ug/L	20	10/19/25	MH	SW8260D
Trichlorotrifluoroethane	ND	5.0	5.0	ug/L	20	10/19/25	MH	SW8260D
Vinyl chloride	150	20	5.0	ug/L	20	10/19/25	MH	SW8260D
<b>QA/QC Surrogates</b>								
% 1,2-dichlorobenzene-d4 (20x)	106			%	20	10/19/25	MH	70 - 130 %
% Bromofluorobenzene (20x)	88			%	20	10/19/25	MH	70 - 130 %
% Dibromofluoromethane (20x)	108			%	20	10/19/25	MH	70 - 130 %

Client ID: MW-1

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
% Toluene-d8 (20x)	94			%	20	10/19/25	MH	70 - 130 %
% 1,2-dichlorobenzene-d4 (100x)	101			%	100	10/20/25	MH	70 - 130 %
% Bromofluorobenzene (100x)	90			%	100	10/20/25	MH	70 - 130 %
% Dibromofluoromethane (100x)	103			%	100	10/20/25	MH	70 - 130 %
% Toluene-d8 (100x)	100			%	100	10/20/25	MH	70 - 130 %

1 = This parameter is not certified by the primary accrediting authority (NY NELAC) for this matrix. NY NELAC does not offer certification for all parameters at this time.

RL/PQL=Reporting/Practical Quantitation Level (Equivalent to NELAC LOQ, Limit of Quantitation) ND=Not Detected BRL=Below Reporting Level L=Biased Low LOD=Limit of Detection MDL=Method Detection Limit1

QA/QC Surrogates: Surrogates are compounds (preceeded with a %) added by the lab to determine analysis efficiency. Surrogate results(%) listed in the report are not "detected" compounds.

**Comments:**

Volatile Comment:

Elevated reporting limits for volatiles due to the presence of target and/or non-target compounds.

Volatile Comment:

To achieve client's objectives, where the lowest calibration standard or LOD justifies lowering the RL/PQL, the RL/PQL of some compounds have been lowered to meet criteria.

If you are the client above and have any questions concerning this testing, please do not hesitate to contact Phoenix Client Services at ext.200. The contents of this report cannot be discussed with anyone other than the client listed above without their written consent.



**Phyllis Shiller, Laboratory Director**

**October 27, 2025**

**Reviewed and Released by: Rashmi Makol, Project Manager**



Environmental Laboratories, Inc.

587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045  
Tel. (860) 645-1102



Analysis Report

October 27, 2025

FOR: Hennessy Engineering  
P O Box 118  
Voorheesville, NY 12186

Sample Information

Matrix: GROUND WATER  
Location Code: HENNESSY  
Rush Request: Standard  
P.O.#:

Custody Information

Collected by: CC  
Received by: SW  
Analyzed by: see "By" below

Date

10/16/25  
10/17/25

Time

15:20  
16:50

Laboratory Data

SDG ID: GCU53153  
Phoenix ID: CU53154

Project ID: FORMER DELMAR ROXY CLEANERS  
Client ID: MW-1, DUP

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
<b>Volatiles</b>								
1,1,1,2-Tetrachloroethane	ND	5.0	2.5	ug/L	10	10/20/25	MH	SW8260D
1,1,1-Trichloroethane	ND	5.0	2.5	ug/L	10	10/20/25	MH	SW8260D
1,1,2,2-Tetrachloroethane	ND	5.0	2.5	ug/L	10	10/20/25	MH	SW8260D
1,1,2-Trichloroethane	ND	2.5	2.5	ug/L	10	10/20/25	MH	SW8260D
1,1-Dichloroethane	ND	5.0	2.5	ug/L	10	10/20/25	MH	SW8260D
1,1-Dichloroethene	ND	5.0	2.5	ug/L	10	10/20/25	MH	SW8260D
1,1-Dichloropropene	ND	5.0	2.5	ug/L	10	10/20/25	MH	SW8260D
1,2,3-Trichlorobenzene	ND	10	2.5	ug/L	10	10/20/25	MH	SW8260D
1,2,3-Trichloropropane	ND	2.5	2.5	ug/L	10	10/20/25	MH	SW8260D
1,2,4-Trichlorobenzene	ND	10	2.5	ug/L	10	10/20/25	MH	SW8260D
1,2,4-Trimethylbenzene	ND	5.0	2.5	ug/L	10	10/20/25	MH	SW8260D
1,2-Dibromo-3-chloropropane	ND	5.0	5.0	ug/L	10	10/20/25	MH	SW8260D
1,2-Dibromoethane	ND	2.5	2.5	ug/L	10	10/20/25	MH	SW8260D
1,2-Dichlorobenzene	ND	4.7	2.5	ug/L	10	10/20/25	MH	SW8260D
1,2-Dichloroethane	ND	5.0	5.0	ug/L	10	10/20/25	MH	SW8260D
1,2-Dichloropropane	ND	2.5	2.5	ug/L	10	10/20/25	MH	SW8260D
1,3,5-Trimethylbenzene	ND	5.0	2.5	ug/L	10	10/20/25	MH	SW8260D
1,3-Dichlorobenzene	ND	3.0	2.5	ug/L	10	10/20/25	MH	SW8260D
1,3-Dichloropropane	ND	5.0	2.5	ug/L	10	10/20/25	MH	SW8260D
1,4-Dichlorobenzene	ND	5.0	2.5	ug/L	10	10/20/25	MH	SW8260D
2,2-Dichloropropane	ND	5.0	2.5	ug/L	10	10/20/25	MH	SW8260D
2-Chlorotoluene	ND	5.0	2.5	ug/L	10	10/20/25	MH	SW8260D
2-Hexanone	ND	25	25	ug/L	10	10/20/25	MH	SW8260D
2-Isopropyltoluene	ND	5.0	2.5	ug/L	10	10/20/25	MH	SW8260D
4-Chlorotoluene	ND	5.0	2.5	ug/L	10	10/20/25	MH	SW8260D
4-Methyl-2-pentanone	ND	25	25	ug/L	10	10/20/25	MH	SW8260D

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
Acetone	ND	50	25	ug/L	10	10/20/25	MH	SW8260D
Acrolein	ND	25	25	ug/L	10	10/20/25	MH	SW8260D
Acrylonitrile	ND	5.0	5.0	ug/L	10	10/20/25	MH	SW8260D
Benzene	ND	2.5	2.5	ug/L	10	10/20/25	MH	SW8260D
Bromobenzene	ND	5.0	2.5	ug/L	10	10/20/25	MH	SW8260D
Bromochloromethane	ND	5.0	2.5	ug/L	10	10/20/25	MH	SW8260D
Bromodichloromethane	ND	10	2.5	ug/L	10	10/20/25	MH	SW8260D
Bromoform	ND	50	2.5	ug/L	10	10/20/25	MH	SW8260D
Bromomethane	ND	5.0	5.0	ug/L	10	10/20/25	MH	SW8260D
Carbon Disulfide	ND	10	2.5	ug/L	10	10/20/25	MH	SW8260D
Carbon tetrachloride	ND	5.0	2.5	ug/L	10	10/20/25	MH	SW8260D
Chlorobenzene	ND	5.0	2.5	ug/L	10	10/20/25	MH	SW8260D
Chloroethane	ND	5.0	2.5	ug/L	10	10/20/25	MH	SW8260D
Chloroform	ND	7.0	2.5	ug/L	10	10/20/25	MH	SW8260D
Chloromethane	ND	5.0	2.5	ug/L	10	10/20/25	MH	SW8260D
cis-1,2-Dichloroethene	1300	100	25	ug/L	100	10/20/25	MH	SW8260D
cis-1,3-Dichloropropene	ND	2.5	2.5	ug/L	10	10/20/25	MH	SW8260D
Dibromochloromethane	ND	10	2.5	ug/L	10	10/20/25	MH	SW8260D
Dibromomethane	ND	5.0	2.5	ug/L	10	10/20/25	MH	SW8260D
Dichlorodifluoromethane	ND	5.0	2.5	ug/L	10	10/20/25	MH	SW8260D
Ethylbenzene	ND	5.0	2.5	ug/L	10	10/20/25	MH	SW8260D
Hexachlorobutadiene	ND	2.0	2.0	ug/L	10	10/20/25	MH	SW8260D
Isopropylbenzene	ND	5.0	2.5	ug/L	10	10/20/25	MH	SW8260D
m&p-Xylene	ND	10	2.5	ug/L	10	10/20/25	MH	SW8260D
Methyl ethyl ketone	ND	25	25	ug/L	10	10/20/25	MH	SW8260D
Methyl t-butyl ether (MTBE)	ND	10	2.5	ug/L	10	10/20/25	MH	SW8260D
Methylene chloride	ND	5.0	5.0	ug/L	10	10/20/25	MH	SW8260D
Naphthalene	ND	5.0	5.0	ug/L	10	10/20/25	MH	SW8260D
n-Butylbenzene	ND	5.0	2.5	ug/L	10	10/20/25	MH	SW8260D
n-Propylbenzene	ND	5.0	2.5	ug/L	10	10/20/25	MH	SW8260D
o-Xylene	ND	5.0	2.5	ug/L	10	10/20/25	MH	SW8260D
p-Isopropyltoluene	ND	5.0	2.5	ug/L	10	10/20/25	MH	SW8260D
sec-Butylbenzene	ND	5.0	2.5	ug/L	10	10/20/25	MH	SW8260D
Styrene	ND	5.0	2.5	ug/L	10	10/20/25	MH	SW8260D
tert-Butylbenzene	ND	5.0	2.5	ug/L	10	10/20/25	MH	SW8260D
Tetrachloroethene	2000	100	25	ug/L	100	10/20/25	MH	SW8260D
Tetrahydrofuran (THF)	ND	50	25	ug/L	10	10/20/25	MH	SW8260D
Toluene	ND	5.0	2.5	ug/L	10	10/20/25	MH	SW8260D
trans-1,2-Dichloroethene	11	5.0	2.5	ug/L	10	10/20/25	MH	SW8260D
trans-1,3-Dichloropropene	ND	2.5	2.5	ug/L	10	10/20/25	MH	SW8260D
trans-1,4-dichloro-2-butene	ND	25	25	ug/L	10	10/20/25	MH	SW8260D
Trichloroethene	810	100	25	ug/L	100	10/20/25	MH	SW8260D
Trichlorofluoromethane	ND	5.0	2.5	ug/L	10	10/20/25	MH	SW8260D
Trichlorotrifluoroethane	ND	5.0	2.5	ug/L	10	10/20/25	MH	SW8260D
Vinyl chloride	120	10	2.5	ug/L	10	10/20/25	MH	SW8260D
<b>QA/QC Surrogates</b>								
% 1,2-dichlorobenzene-d4 (10x)	106			%	10	10/20/25	MH	70 - 130 %
% Bromofluorobenzene (10x)	89			%	10	10/20/25	MH	70 - 130 %
% Dibromofluoromethane (10x)	103			%	10	10/20/25	MH	70 - 130 %

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
% Toluene-d8 (10x)	93			%	10	10/20/25	MH	70 - 130 %
% 1,2-dichlorobenzene-d4 (100x)	102			%	100	10/20/25	MH	70 - 130 %
% Bromofluorobenzene (100x)	92			%	100	10/20/25	MH	70 - 130 %
% Dibromofluoromethane (100x)	105			%	100	10/20/25	MH	70 - 130 %
% Toluene-d8 (100x)	100			%	100	10/20/25	MH	70 - 130 %

1 = This parameter is not certified by the primary accrediting authority (NY NELAC) for this matrix. NY NELAC does not offer certification for all parameters at this time.

RL/PQL=Reporting/Practical Quantitation Level (Equivalent to NELAC LOQ, Limit of Quantitation) ND=Not Detected BRL=Below Reporting Level L=Biased Low LOD=Limit of Detection MDL=Method Detection Limit1

QA/QC Surrogates: Surrogates are compounds (preceded with a %) added by the lab to determine analysis efficiency. Surrogate results(%) listed in the report are not "detected" compounds.

**Comments:**

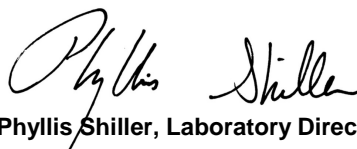
Volatile Comment:

Elevated reporting limits for volatiles due to the presence of target and/or non-target compounds.

Volatile Comment:

To achieve client's objectives, where the lowest calibration standard or LOD justifies lowering the RL/PQL, the RL/PQL of some compounds have been lowered to meet criteria.

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**Phyllis Shiller, Laboratory Director**

**October 27, 2025**

**Reviewed and Released by: Rashmi Makol, Project Manager**



Environmental Laboratories, Inc.  
 587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045  
 Tel. (860) 645-1102



# Analysis Report

October 27, 2025

FOR: Hennessy Engineering  
 P O Box 118  
 Voorheesville, NY 12186

## Sample Information

Matrix: GROUND WATER  
 Location Code: HENNESSY  
 Rush Request: Standard  
 P.O.#:

## Custody Information

Collected by: CC  
 Received by: SW  
 Analyzed by: see "By" below

## Date

10/16/25  
 10/17/25

## Time

14:45  
 16:50

## Laboratory Data

SDG ID: GCU53153  
 Phoenix ID: CU53155

Project ID: FORMER DELMAR ROXY CLEANERS  
 Client ID: MW-2 R

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
<b>Volatiles</b>								
1,1,1,2-Tetrachloroethane	ND	1.0	0.25	ug/L	1	10/23/25	MH	SW8260D
1,1,1-Trichloroethane	ND	5.0	0.25	ug/L	1	10/23/25	MH	SW8260D
1,1,2,2-Tetrachloroethane	ND	1.0	0.25	ug/L	1	10/23/25	MH	SW8260D
1,1,2-Trichloroethane	ND	1.0	0.25	ug/L	1	10/23/25	MH	SW8260D
1,1-Dichloroethane	ND	5.0	0.25	ug/L	1	10/23/25	MH	SW8260D
1,1-Dichloroethene	ND	1.0	0.25	ug/L	1	10/23/25	MH	SW8260D
1,1-Dichloropropene	ND	1.0	0.25	ug/L	1	10/23/25	MH	SW8260D
1,2,3-Trichlorobenzene	ND	1.0	0.25	ug/L	1	10/23/25	MH	SW8260D
1,2,3-Trichloropropane	ND	0.25	0.25	ug/L	1	10/23/25	MH	SW8260D
1,2,4-Trichlorobenzene	ND	1.0	0.25	ug/L	1	10/23/25	MH	SW8260D
1,2,4-Trimethylbenzene	ND	1.0	0.25	ug/L	1	10/23/25	MH	SW8260D
1,2-Dibromo-3-chloropropane	ND	0.50	0.50	ug/L	1	10/23/25	MH	SW8260D
1,2-Dibromoethane	ND	0.25	0.25	ug/L	1	10/23/25	MH	SW8260D
1,2-Dichlorobenzene	ND	1.0	0.25	ug/L	1	10/23/25	MH	SW8260D
1,2-Dichloroethane	ND	0.60	0.50	ug/L	1	10/23/25	MH	SW8260D
1,2-Dichloropropane	ND	1.0	0.25	ug/L	1	10/23/25	MH	SW8260D
1,3,5-Trimethylbenzene	ND	1.0	0.25	ug/L	1	10/23/25	MH	SW8260D
1,3-Dichlorobenzene	ND	1.0	0.25	ug/L	1	10/23/25	MH	SW8260D
1,3-Dichloropropane	ND	1.0	0.25	ug/L	1	10/23/25	MH	SW8260D
1,4-Dichlorobenzene	ND	1.0	0.25	ug/L	1	10/23/25	MH	SW8260D
2,2-Dichloropropane	ND	1.0	0.25	ug/L	1	10/23/25	MH	SW8260D
2-Chlorotoluene	ND	1.0	0.25	ug/L	1	10/23/25	MH	SW8260D
2-Hexanone	ND	2.5	2.5	ug/L	1	10/23/25	MH	SW8260D
2-Isopropyltoluene	ND	1.0	0.25	ug/L	1	10/23/25	MH	SW8260D
4-Chlorotoluene	ND	1.0	0.25	ug/L	1	10/23/25	MH	SW8260D
4-Methyl-2-pentanone	ND	2.5	2.5	ug/L	1	10/23/25	MH	SW8260D

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
Acetone	ND	5.0	2.5	ug/L	1	10/23/25	MH	SW8260D
Acrolein	ND	5.0	2.5	ug/L	1	10/23/25	MH	SW8260D
Acrylonitrile	ND	5.0	2.5	ug/L	1	10/23/25	MH	SW8260D
Benzene	0.41	J 0.70	0.25	ug/L	1	10/23/25	MH	SW8260D
Bromobenzene	ND	1.0	0.25	ug/L	1	10/23/25	MH	SW8260D
Bromochloromethane	ND	1.0	0.25	ug/L	1	10/23/25	MH	SW8260D
Bromodichloromethane	ND	1.0	0.25	ug/L	1	10/23/25	MH	SW8260D
Bromoform	ND	5.0	0.25	ug/L	1	10/23/25	MH	SW8260D
Bromomethane	ND	5.0	0.50	ug/L	1	10/23/25	MH	SW8260D
Carbon Disulfide	ND	1.0	0.25	ug/L	1	10/23/25	MH	SW8260D
Carbon tetrachloride	ND	1.0	0.25	ug/L	1	10/23/25	MH	SW8260D
Chlorobenzene	ND	5.0	0.25	ug/L	1	10/23/25	MH	SW8260D
Chloroethane	ND	5.0	0.25	ug/L	1	10/23/25	MH	SW8260D
Chloroform	ND	5.0	0.25	ug/L	1	10/23/25	MH	SW8260D
Chloromethane	ND	5.0	0.25	ug/L	1	10/23/25	MH	SW8260D
cis-1,2-Dichloroethene	ND	1.0	0.25	ug/L	1	10/23/25	MH	SW8260D
cis-1,3-Dichloropropene	ND	0.40	0.25	ug/L	1	10/23/25	MH	SW8260D
Dibromochloromethane	ND	1.0	0.25	ug/L	1	10/23/25	MH	SW8260D
Dibromomethane	ND	1.0	0.25	ug/L	1	10/23/25	MH	SW8260D
Dichlorodifluoromethane	ND	1.0	0.25	ug/L	1	10/23/25	MH	SW8260D
Ethylbenzene	ND	1.0	0.25	ug/L	1	10/23/25	MH	SW8260D
Hexachlorobutadiene	ND	0.50	0.20	ug/L	1	10/23/25	MH	SW8260D
Isopropylbenzene	ND	1.0	0.25	ug/L	1	10/23/25	MH	SW8260D
m&p-Xylene	ND	1.0	0.25	ug/L	1	10/23/25	MH	SW8260D
Methyl ethyl ketone	ND	2.5	2.5	ug/L	1	10/23/25	MH	SW8260D
Methyl t-butyl ether (MTBE)	ND	1.0	0.25	ug/L	1	10/23/25	MH	SW8260D
Methylene chloride	ND	3.0	1.0	ug/L	1	10/23/25	MH	SW8260D
Naphthalene	ND	1.0	1.0	ug/L	1	10/23/25	MH	SW8260D
n-Butylbenzene	ND	1.0	0.25	ug/L	1	10/23/25	MH	SW8260D
n-Propylbenzene	ND	1.0	0.25	ug/L	1	10/23/25	MH	SW8260D
o-Xylene	ND	1.0	0.25	ug/L	1	10/23/25	MH	SW8260D
p-Isopropyltoluene	ND	1.0	0.25	ug/L	1	10/23/25	MH	SW8260D
sec-Butylbenzene	ND	1.0	0.25	ug/L	1	10/23/25	MH	SW8260D
Styrene	ND	1.0	0.25	ug/L	1	10/23/25	MH	SW8260D
tert-Butylbenzene	ND	1.0	0.25	ug/L	1	10/23/25	MH	SW8260D
Tetrachloroethene	ND	1.0	0.25	ug/L	1	10/23/25	MH	SW8260D
Tetrahydrofuran (THF)	ND	5.0	2.5	ug/L	1	10/23/25	MH	SW8260D
Toluene	ND	1.0	0.25	ug/L	1	10/23/25	MH	SW8260D
trans-1,2-Dichloroethene	ND	5.0	0.25	ug/L	1	10/23/25	MH	SW8260D
trans-1,3-Dichloropropene	ND	0.40	0.25	ug/L	1	10/23/25	MH	SW8260D
trans-1,4-dichloro-2-butene	ND	2.5	2.5	ug/L	1	10/23/25	MH	SW8260D
Trichloroethene	ND	1.0	0.25	ug/L	1	10/23/25	MH	SW8260D
Trichlorofluoromethane	ND	1.0	0.25	ug/L	1	10/23/25	MH	SW8260D
Trichlorotrifluoroethane	ND	1.0	0.25	ug/L	1	10/23/25	MH	SW8260D
Vinyl chloride	ND	1.0	0.25	ug/L	1	10/23/25	MH	SW8260D
<b>QA/QC Surrogates</b>								
% 1,2-dichlorobenzene-d4	105			%	1	10/23/25	MH	70 - 130 %
% Bromofluorobenzene	92			%	1	10/23/25	MH	70 - 130 %
% Dibromofluoromethane	103			%	1	10/23/25	MH	70 - 130 %

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
% Toluene-d8	94			%	1	10/23/25	MH	70 - 130 %

1 = This parameter is not certified by the primary accrediting authority (NY NELAC) for this matrix. NY NELAC does not offer certification for all parameters at this time.

RL/PQL=Reporting/Practical Quantitation Level (Equivalent to NELAC LOQ, Limit of Quantitation) ND=Not Detected BRL=Below Reporting Level L=Biased Low J=Estimated Below RL LOD=Limit of Detection MDL=Method Detection Limit1

QA/QC Surrogates: Surrogates are compounds (preceded with a %) added by the lab to determine analysis efficiency. Surrogate results(%) listed in the report are not "detected" compounds.

**Comments:**

**Volatile Comment:**

To achieve client's objectives, where the lowest calibration standard or LOD justifies lowering the RL/PQL, the RL/PQL of some compounds have been lowered to meet criteria.

If you are the client above and have any questions concerning this testing, please do not hesitate to contact Phoenix Client Services at ext.200. The contents of this report cannot be discussed with anyone other than the client listed above without their written consent.

**Phyllis Shiller, Laboratory Director**

**October 27, 2025**

**Reviewed and Released by: Rashmi Makol, Project Manager**



Environmental Laboratories, Inc.  
 587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045  
 Tel. (860) 645-1102



# Analysis Report

October 27, 2025

FOR: Hennessy Engineering  
 P O Box 118  
 Voorheesville, NY 12186

## Sample Information

Matrix: GROUND WATER  
 Location Code: HENNESSY  
 Rush Request: Standard  
 P.O.#:

## Custody Information

Collected by: CC  
 Received by: SW  
 Analyzed by: see "By" below

## Date

10/16/25  
 10/17/25

## Time

14:40  
 16:50

## Laboratory Data

SDG ID: GCU53153  
 Phoenix ID: CU53156

Project ID: FORMER DELMAR ROXY CLEANERS  
 Client ID: MW-2 DR

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
<b>Volatiles</b>								
1,1,1,2-Tetrachloroethane	ND	1.0	0.25	ug/L	1	10/23/25	MH	SW8260D
1,1,1-Trichloroethane	ND	5.0	0.25	ug/L	1	10/23/25	MH	SW8260D
1,1,2,2-Tetrachloroethane	ND	1.0	0.25	ug/L	1	10/23/25	MH	SW8260D
1,1,2-Trichloroethane	ND	1.0	0.25	ug/L	1	10/23/25	MH	SW8260D
1,1-Dichloroethane	ND	5.0	0.25	ug/L	1	10/23/25	MH	SW8260D
1,1-Dichloroethene	ND	1.0	0.25	ug/L	1	10/23/25	MH	SW8260D
1,1-Dichloropropene	ND	1.0	0.25	ug/L	1	10/23/25	MH	SW8260D
1,2,3-Trichlorobenzene	ND	1.0	0.25	ug/L	1	10/23/25	MH	SW8260D
1,2,3-Trichloropropane	ND	0.25	0.25	ug/L	1	10/23/25	MH	SW8260D
1,2,4-Trichlorobenzene	ND	1.0	0.25	ug/L	1	10/23/25	MH	SW8260D
1,2,4-Trimethylbenzene	ND	1.0	0.25	ug/L	1	10/23/25	MH	SW8260D
1,2-Dibromo-3-chloropropane	ND	0.50	0.50	ug/L	1	10/23/25	MH	SW8260D
1,2-Dibromoethane	ND	0.25	0.25	ug/L	1	10/23/25	MH	SW8260D
1,2-Dichlorobenzene	ND	1.0	0.25	ug/L	1	10/23/25	MH	SW8260D
1,2-Dichloroethane	ND	0.60	0.50	ug/L	1	10/23/25	MH	SW8260D
1,2-Dichloropropane	ND	1.0	0.25	ug/L	1	10/23/25	MH	SW8260D
1,3,5-Trimethylbenzene	ND	1.0	0.25	ug/L	1	10/23/25	MH	SW8260D
1,3-Dichlorobenzene	ND	1.0	0.25	ug/L	1	10/23/25	MH	SW8260D
1,3-Dichloropropane	ND	1.0	0.25	ug/L	1	10/23/25	MH	SW8260D
1,4-Dichlorobenzene	ND	1.0	0.25	ug/L	1	10/23/25	MH	SW8260D
2,2-Dichloropropane	ND	1.0	0.25	ug/L	1	10/23/25	MH	SW8260D
2-Chlorotoluene	ND	1.0	0.25	ug/L	1	10/23/25	MH	SW8260D
2-Hexanone	ND	2.5	2.5	ug/L	1	10/23/25	MH	SW8260D
2-Isopropyltoluene	ND	1.0	0.25	ug/L	1	10/23/25	MH	SW8260D
4-Chlorotoluene	ND	1.0	0.25	ug/L	1	10/23/25	MH	SW8260D
4-Methyl-2-pentanone	ND	2.5	2.5	ug/L	1	10/23/25	MH	SW8260D

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
Acetone	2.6	JS 5.0	2.5	ug/L	1	10/23/25	MH	SW8260D
Acrolein	ND	5.0	2.5	ug/L	1	10/23/25	MH	SW8260D
Acrylonitrile	ND	5.0	2.5	ug/L	1	10/23/25	MH	SW8260D
Benzene	ND	0.70	0.25	ug/L	1	10/23/25	MH	SW8260D
Bromobenzene	ND	1.0	0.25	ug/L	1	10/23/25	MH	SW8260D
Bromochloromethane	ND	1.0	0.25	ug/L	1	10/23/25	MH	SW8260D
Bromodichloromethane	ND	1.0	0.25	ug/L	1	10/23/25	MH	SW8260D
Bromoform	ND	5.0	0.25	ug/L	1	10/23/25	MH	SW8260D
Bromomethane	ND	5.0	0.50	ug/L	1	10/23/25	MH	SW8260D
Carbon Disulfide	ND	1.0	0.25	ug/L	1	10/23/25	MH	SW8260D
Carbon tetrachloride	ND	1.0	0.25	ug/L	1	10/23/25	MH	SW8260D
Chlorobenzene	ND	5.0	0.25	ug/L	1	10/23/25	MH	SW8260D
Chloroethane	ND	5.0	0.25	ug/L	1	10/23/25	MH	SW8260D
Chloroform	ND	5.0	0.25	ug/L	1	10/23/25	MH	SW8260D
Chloromethane	ND	5.0	0.25	ug/L	1	10/23/25	MH	SW8260D
cis-1,2-Dichloroethene	0.50	J 1.0	0.25	ug/L	1	10/23/25	MH	SW8260D
cis-1,3-Dichloropropene	ND	0.40	0.25	ug/L	1	10/23/25	MH	SW8260D
Dibromochloromethane	ND	1.0	0.25	ug/L	1	10/23/25	MH	SW8260D
Dibromomethane	ND	1.0	0.25	ug/L	1	10/23/25	MH	SW8260D
Dichlorodifluoromethane	ND	1.0	0.25	ug/L	1	10/23/25	MH	SW8260D
Ethylbenzene	ND	1.0	0.25	ug/L	1	10/23/25	MH	SW8260D
Hexachlorobutadiene	ND	0.50	0.20	ug/L	1	10/23/25	MH	SW8260D
Isopropylbenzene	ND	1.0	0.25	ug/L	1	10/23/25	MH	SW8260D
m&p-Xylene	ND	1.0	0.25	ug/L	1	10/23/25	MH	SW8260D
Methyl ethyl ketone	ND	2.5	2.5	ug/L	1	10/23/25	MH	SW8260D
Methyl t-butyl ether (MTBE)	ND	1.0	0.25	ug/L	1	10/23/25	MH	SW8260D
Methylene chloride	ND	3.0	1.0	ug/L	1	10/23/25	MH	SW8260D
Naphthalene	ND	1.0	1.0	ug/L	1	10/23/25	MH	SW8260D
n-Butylbenzene	ND	1.0	0.25	ug/L	1	10/23/25	MH	SW8260D
n-Propylbenzene	ND	1.0	0.25	ug/L	1	10/23/25	MH	SW8260D
o-Xylene	ND	1.0	0.25	ug/L	1	10/23/25	MH	SW8260D
p-Isopropyltoluene	ND	1.0	0.25	ug/L	1	10/23/25	MH	SW8260D
sec-Butylbenzene	ND	1.0	0.25	ug/L	1	10/23/25	MH	SW8260D
Styrene	ND	1.0	0.25	ug/L	1	10/23/25	MH	SW8260D
tert-Butylbenzene	ND	1.0	0.25	ug/L	1	10/23/25	MH	SW8260D
Tetrachloroethene	ND	1.0	0.25	ug/L	1	10/23/25	MH	SW8260D
Tetrahydrofuran (THF)	ND	5.0	2.5	ug/L	1	10/23/25	MH	SW8260D
Toluene	ND	1.0	0.25	ug/L	1	10/23/25	MH	SW8260D
trans-1,2-Dichloroethene	ND	5.0	0.25	ug/L	1	10/23/25	MH	SW8260D
trans-1,3-Dichloropropene	ND	0.40	0.25	ug/L	1	10/23/25	MH	SW8260D
trans-1,4-dichloro-2-butene	ND	2.5	2.5	ug/L	1	10/23/25	MH	SW8260D
Trichloroethene	0.29	J 1.0	0.25	ug/L	1	10/23/25	MH	SW8260D
Trichlorofluoromethane	ND	1.0	0.25	ug/L	1	10/23/25	MH	SW8260D
Trichlorotrifluoroethane	ND	1.0	0.25	ug/L	1	10/23/25	MH	SW8260D
Vinyl chloride	ND	1.0	0.25	ug/L	1	10/23/25	MH	SW8260D
<b>QA/QC Surrogates</b>								
% 1,2-dichlorobenzene-d4	109			%	1	10/23/25	MH	70 - 130 %
% Bromofluorobenzene	91			%	1	10/23/25	MH	70 - 130 %
% Dibromofluoromethane	103			%	1	10/23/25	MH	70 - 130 %

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
% Toluene-d8	92			%	1	10/23/25	MH	70 - 130 %

1 = This parameter is not certified by the primary accrediting authority (NY NELAC) for this matrix. NY NELAC does not offer certification for all parameters at this time.

RL/PQL=Reporting/Practical Quantitation Level (Equivalent to NELAC LOQ, Limit of Quantitation) ND=Not Detected BRL=Below Reporting Level L=Biased Low J=Estimated Below RL LOD=Limit of Detection MDL=Method Detection Limit1

QA/QC Surrogates: Surrogates are compounds (preceded with a %) added by the lab to determine analysis efficiency. Surrogate results(%) listed in the report are not "detected" compounds.

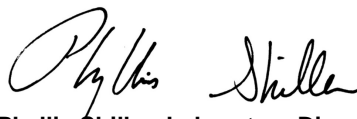
**Comments:**

**Volatile Comment:**

To achieve client's objectives, where the lowest calibration standard or LOD justifies lowering the RL/PQL, the RL/PQL of some compounds have been lowered to meet criteria.

S - Laboratory solvent, contamination is possible.

If you are the client above and have any questions concerning this testing, please do not hesitate to contact Phoenix Client Services at ext.200. The contents of this report cannot be discussed with anyone other than the client listed above without their written consent.



**Phyllis Shiller, Laboratory Director**

**October 27, 2025**

**Reviewed and Released by: Rashmi Makol, Project Manager**



Environmental Laboratories, Inc.  
 587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045  
 Tel. (860) 645-1102



# Analysis Report

October 27, 2025

FOR: Hennessy Engineering  
 P O Box 118  
 Voorheesville, NY 12186

## Sample Information

Matrix: GROUND WATER  
 Location Code: HENNESSY  
 Rush Request: Standard  
 P.O.#:

## Custody Information

Collected by: CC  
 Received by: SW  
 Analyzed by: see "By" below

## Date

10/16/25  
 10/17/25

## Time

15:50  
 16:50

## Laboratory Data

SDG ID: GCU53153  
 Phoenix ID: CU53157

Project ID: FORMER DELMAR ROXY CLEANERS  
 Client ID: MW-3

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
Client MS/MSD	Completed					10/20/25		

### Volatiles

1,1,1,2-Tetrachloroethane	ND	1.0	0.25	ug/L	1	10/19/25	MH	SW8260D
1,1,1-Trichloroethane	ND	5.0	0.25	ug/L	1	10/19/25	MH	SW8260D
1,1,2,2-Tetrachloroethane	ND	1.0	0.25	ug/L	1	10/19/25	MH	SW8260D
1,1,2-Trichloroethane	ND	1.0	0.25	ug/L	1	10/19/25	MH	SW8260D
1,1-Dichloroethane	ND	5.0	0.25	ug/L	1	10/19/25	MH	SW8260D
1,1-Dichloroethene	1.2	1.0	0.25	ug/L	1	10/19/25	MH	SW8260D
1,1-Dichloropropene	ND	1.0	0.25	ug/L	1	10/19/25	MH	SW8260D
1,2,3-Trichlorobenzene	ND	1.0	0.25	ug/L	1	10/19/25	MH	SW8260D
1,2,3-Trichloropropane	ND	0.25	0.25	ug/L	1	10/19/25	MH	SW8260D
1,2,4-Trichlorobenzene	ND	1.0	0.25	ug/L	1	10/19/25	MH	SW8260D
1,2,4-Trimethylbenzene	ND	1.0	0.25	ug/L	1	10/19/25	MH	SW8260D
1,2-Dibromo-3-chloropropane	ND	0.50	0.50	ug/L	1	10/19/25	MH	SW8260D
1,2-Dibromoethane	ND	0.25	0.25	ug/L	1	10/19/25	MH	SW8260D
1,2-Dichlorobenzene	ND	1.0	0.25	ug/L	1	10/19/25	MH	SW8260D
1,2-Dichloroethane	ND	0.60	0.50	ug/L	1	10/19/25	MH	SW8260D
1,2-Dichloropropane	ND	1.0	0.25	ug/L	1	10/19/25	MH	SW8260D
1,3,5-Trimethylbenzene	ND	1.0	0.25	ug/L	1	10/19/25	MH	SW8260D
1,3-Dichlorobenzene	ND	1.0	0.25	ug/L	1	10/19/25	MH	SW8260D
1,3-Dichloropropane	ND	1.0	0.25	ug/L	1	10/19/25	MH	SW8260D
1,4-Dichlorobenzene	ND	1.0	0.25	ug/L	1	10/19/25	MH	SW8260D
2,2-Dichloropropane	ND	1.0	0.25	ug/L	1	10/19/25	MH	SW8260D
2-Chlorotoluene	ND	1.0	0.25	ug/L	1	10/19/25	MH	SW8260D
2-Hexanone	ND	2.5	2.5	ug/L	1	10/19/25	MH	SW8260D
2-Isopropyltoluene	ND	1.0	0.25	ug/L	1	10/19/25	MH	SW8260D
4-Chlorotoluene	ND	1.0	0.25	ug/L	1	10/19/25	MH	SW8260D

Client ID: MW-3

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
4-Methyl-2-pentanone	ND	2.5	2.5	ug/L	1	10/19/25	MH	SW8260D
Acetone	ND	5.0	2.5	ug/L	1	10/19/25	MH	SW8260D
Acrolein	ND	5.0	2.5	ug/L	1	10/19/25	MH	SW8260D
Acrylonitrile	ND	5.0	2.5	ug/L	1	10/19/25	MH	SW8260D
Benzene	ND	0.70	0.25	ug/L	1	10/19/25	MH	SW8260D
Bromobenzene	ND	1.0	0.25	ug/L	1	10/19/25	MH	SW8260D
Bromochloromethane	ND	1.0	0.25	ug/L	1	10/19/25	MH	SW8260D
Bromodichloromethane	ND	1.0	0.25	ug/L	1	10/19/25	MH	SW8260D
Bromoform	ND	5.0	0.25	ug/L	1	10/19/25	MH	SW8260D
Bromomethane	ND	5.0	0.50	ug/L	1	10/19/25	MH	SW8260D
Carbon Disulfide	ND	1.0	0.25	ug/L	1	10/19/25	MH	SW8260D
Carbon tetrachloride	ND	1.0	0.25	ug/L	1	10/19/25	MH	SW8260D
Chlorobenzene	ND	5.0	0.25	ug/L	1	10/19/25	MH	SW8260D
Chloroethane	ND	5.0	0.25	ug/L	1	10/19/25	MH	SW8260D
Chloroform	ND	5.0	0.25	ug/L	1	10/19/25	MH	SW8260D
Chloromethane	ND	5.0	0.25	ug/L	1	10/19/25	MH	SW8260D
cis-1,2-Dichloroethene	540	50	13	ug/L	50	10/20/25	MH	SW8260D
cis-1,3-Dichloropropene	ND	0.40	0.25	ug/L	1	10/19/25	MH	SW8260D
Dibromochloromethane	ND	1.0	0.25	ug/L	1	10/19/25	MH	SW8260D
Dibromomethane	ND	1.0	0.25	ug/L	1	10/19/25	MH	SW8260D
Dichlorodifluoromethane	ND	1.0	0.25	ug/L	1	10/19/25	MH	SW8260D
Ethylbenzene	ND	1.0	0.25	ug/L	1	10/19/25	MH	SW8260D
Hexachlorobutadiene	ND	0.50	0.20	ug/L	1	10/19/25	MH	SW8260D
Isopropylbenzene	ND	1.0	0.25	ug/L	1	10/19/25	MH	SW8260D
m&p-Xylene	ND	1.0	0.25	ug/L	1	10/19/25	MH	SW8260D
Methyl ethyl ketone	ND	2.5	2.5	ug/L	1	10/19/25	MH	SW8260D
Methyl t-butyl ether (MTBE)	ND	1.0	0.25	ug/L	1	10/19/25	MH	SW8260D
Methylene chloride	ND	3.0	1.0	ug/L	1	10/19/25	MH	SW8260D
Naphthalene	ND	1.0	1.0	ug/L	1	10/19/25	MH	SW8260D
n-Butylbenzene	ND	1.0	0.25	ug/L	1	10/19/25	MH	SW8260D
n-Propylbenzene	ND	1.0	0.25	ug/L	1	10/19/25	MH	SW8260D
o-Xylene	ND	1.0	0.25	ug/L	1	10/19/25	MH	SW8260D
p-Isopropyltoluene	ND	1.0	0.25	ug/L	1	10/19/25	MH	SW8260D
sec-Butylbenzene	ND	1.0	0.25	ug/L	1	10/19/25	MH	SW8260D
Styrene	ND	1.0	0.25	ug/L	1	10/19/25	MH	SW8260D
tert-Butylbenzene	ND	1.0	0.25	ug/L	1	10/19/25	MH	SW8260D
Tetrachloroethene	59	5.0	1.3	ug/L	5	10/20/25	MH	SW8260D
Tetrahydrofuran (THF)	ND	5.0	2.5	ug/L	1	10/19/25	MH	SW8260D
Toluene	ND	1.0	0.25	ug/L	1	10/19/25	MH	SW8260D
trans-1,2-Dichloroethene	6.6	5.0	0.25	ug/L	1	10/19/25	MH	SW8260D
trans-1,3-Dichloropropene	ND	0.40	0.25	ug/L	1	10/19/25	MH	SW8260D
trans-1,4-dichloro-2-butene	ND	2.5	2.5	ug/L	1	10/19/25	MH	SW8260D
Trichloroethene	58	5.0	1.3	ug/L	5	10/20/25	MH	SW8260D
Trichlorofluoromethane	ND	1.0	0.25	ug/L	1	10/19/25	MH	SW8260D
Trichlorotrifluoroethane	ND	1.0	0.25	ug/L	1	10/19/25	MH	SW8260D
Vinyl chloride	95	5.0	1.3	ug/L	5	10/20/25	MH	SW8260D
<b>QA/QC Surrogates</b>								
% 1,2-dichlorobenzene-d4	107			%	1	10/19/25	MH	70 - 130 %
% Bromofluorobenzene	90			%	1	10/19/25	MH	70 - 130 %

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
% Dibromofluoromethane	105			%	1	10/19/25	MH	70 - 130 %
% Toluene-d8	94			%	1	10/19/25	MH	70 - 130 %
% 1,2-dichlorobenzene-d4 (5x)	105			%	5	10/20/25	MH	70 - 130 %
% Bromofluorobenzene (5x)	90			%	5	10/20/25	MH	70 - 130 %
% Dibromofluoromethane (5x)	109			%	5	10/20/25	MH	70 - 130 %
% Toluene-d8 (5x)	99			%	5	10/20/25	MH	70 - 130 %
% 1,2-dichlorobenzene-d4 (50x)	103			%	50	10/20/25	MH	70 - 130 %
% Bromofluorobenzene (50x)	89			%	50	10/20/25	MH	70 - 130 %
% Dibromofluoromethane (50x)	99			%	50	10/20/25	MH	70 - 130 %
% Toluene-d8 (50x)	101			%	50	10/20/25	MH	70 - 130 %

1 = This parameter is not certified by the primary accrediting authority (NY NELAC) for this matrix. NY NELAC does not offer certification for all parameters at this time.

RL/PQL=Reporting/Practical Quantitation Level (Equivalent to NELAC LOQ, Limit of Quantitation) ND=Not Detected BRL=Below Reporting Level L=Biased Low LOD=Limit of Detection MDL=Method Detection Limit  
 QA/QC Surrogates: Surrogates are compounds (preceeded with a %) added by the lab to determine analysis efficiency. Surrogate results(%) listed in the report are not "detected" compounds.

**Comments:**

**Volatile Comment:**

To achieve client's objectives, where the lowest calibration standard or LOD justifies lowering the RL/PQL, the RL/PQL of some compounds have been lowered to meet criteria.

If you are the client above and have any questions concerning this testing, please do not hesitate to contact Phoenix Client Services at ext.200. The contents of this report cannot be discussed with anyone other than the client listed above without their written consent.



**Phyllis Shiller, Laboratory Director**

**October 27, 2025**

**Reviewed and Released by: Rashmi Makol, Project Manager**



Environmental Laboratories, Inc.

587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045  
Tel. (860) 645-1102



Analysis Report

October 27, 2025

FOR: Hennessy Engineering  
P O Box 118  
Voorheesville, NY 12186

Sample Information

Matrix: GROUND WATER  
Location Code: HENNESSY  
Rush Request: Standard  
P.O.#:

Custody Information

Collected by: CC  
Received by: SW  
Analyzed by: see "By" below

Date

10/16/25  
10/17/25

Time

14:10  
16:50

Laboratory Data

SDG ID: GCU53153  
Phoenix ID: CU53158

Project ID: FORMER DELMAR ROXY CLEANERS  
Client ID: MW-4

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
<b>Volatiles</b>								
1,1,1,2-Tetrachloroethane	ND	2.0	0.50	ug/L	2	10/23/25	MH	SW8260D
1,1,1-Trichloroethane	ND	5.0	0.50	ug/L	2	10/23/25	MH	SW8260D
1,1,2,2-Tetrachloroethane	ND	2.0	0.50	ug/L	2	10/23/25	MH	SW8260D
1,1,2-Trichloroethane	ND	1.0	0.50	ug/L	2	10/23/25	MH	SW8260D
1,1-Dichloroethane	ND	5.0	0.50	ug/L	2	10/23/25	MH	SW8260D
1,1-Dichloroethene	ND	2.0	0.50	ug/L	2	10/23/25	MH	SW8260D
1,1-Dichloropropene	ND	2.0	0.50	ug/L	2	10/23/25	MH	SW8260D
1,2,3-Trichlorobenzene	ND	2.0	0.50	ug/L	2	10/23/25	MH	SW8260D
1,2,3-Trichloropropane	ND	0.50	0.50	ug/L	2	10/23/25	MH	SW8260D
1,2,4-Trichlorobenzene	ND	2.0	0.50	ug/L	2	10/23/25	MH	SW8260D
1,2,4-Trimethylbenzene	ND	2.0	0.50	ug/L	2	10/23/25	MH	SW8260D
1,2-Dibromo-3-chloropropane	ND	1.0	1.0	ug/L	2	10/23/25	MH	SW8260D
1,2-Dibromoethane	ND	0.50	0.50	ug/L	2	10/23/25	MH	SW8260D
1,2-Dichlorobenzene	ND	2.0	0.50	ug/L	2	10/23/25	MH	SW8260D
1,2-Dichloroethane	ND	1.0	1.0	ug/L	2	10/23/25	MH	SW8260D
1,2-Dichloropropane	ND	1.0	0.50	ug/L	2	10/23/25	MH	SW8260D
1,3,5-Trimethylbenzene	ND	2.0	0.50	ug/L	2	10/23/25	MH	SW8260D
1,3-Dichlorobenzene	ND	2.0	0.50	ug/L	2	10/23/25	MH	SW8260D
1,3-Dichloropropane	ND	2.0	0.50	ug/L	2	10/23/25	MH	SW8260D
1,4-Dichlorobenzene	ND	2.0	0.50	ug/L	2	10/23/25	MH	SW8260D
2,2-Dichloropropane	ND	2.0	0.50	ug/L	2	10/23/25	MH	SW8260D
2-Chlorotoluene	ND	2.0	0.50	ug/L	2	10/23/25	MH	SW8260D
2-Hexanone	ND	5.0	5.0	ug/L	2	10/23/25	MH	SW8260D
2-Isopropyltoluene	ND	2.0	0.50	ug/L	2	10/23/25	MH	SW8260D
4-Chlorotoluene	ND	2.0	0.50	ug/L	2	10/23/25	MH	SW8260D
4-Methyl-2-pentanone	ND	5.0	5.0	ug/L	2	10/23/25	MH	SW8260D

Client ID: MW-4

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
Acetone	ND	10	5.0	ug/L	2	10/23/25	MH	SW8260D
Acrolein	ND	5.0	5.0	ug/L	2	10/23/25	MH	SW8260D
Acrylonitrile	ND	5.0	5.0	ug/L	2	10/23/25	MH	SW8260D
Benzene	ND	0.70	0.50	ug/L	2	10/23/25	MH	SW8260D
Bromobenzene	ND	2.0	0.50	ug/L	2	10/23/25	MH	SW8260D
Bromochloromethane	ND	2.0	0.50	ug/L	2	10/23/25	MH	SW8260D
Bromodichloromethane	ND	2.0	0.50	ug/L	2	10/23/25	MH	SW8260D
Bromoform	ND	10	0.50	ug/L	2	10/23/25	MH	SW8260D
Bromomethane	ND	5.0	1.0	ug/L	2	10/23/25	MH	SW8260D
Carbon Disulfide	ND	2.0	0.50	ug/L	2	10/23/25	MH	SW8260D
Carbon tetrachloride	ND	2.0	0.50	ug/L	2	10/23/25	MH	SW8260D
Chlorobenzene	ND	5.0	0.50	ug/L	2	10/23/25	MH	SW8260D
Chloroethane	ND	5.0	0.50	ug/L	2	10/23/25	MH	SW8260D
Chloroform	ND	7.0	0.50	ug/L	2	10/23/25	MH	SW8260D
Chloromethane	ND	5.0	0.50	ug/L	2	10/23/25	MH	SW8260D
cis-1,2-Dichloroethene	ND	2.0	0.50	ug/L	2	10/23/25	MH	SW8260D
cis-1,3-Dichloropropene	ND	0.50	0.50	ug/L	2	10/23/25	MH	SW8260D
Dibromochloromethane	ND	2.0	0.50	ug/L	2	10/23/25	MH	SW8260D
Dibromomethane	ND	2.0	0.50	ug/L	2	10/23/25	MH	SW8260D
Dichlorodifluoromethane	ND	2.0	0.50	ug/L	2	10/23/25	MH	SW8260D
Ethylbenzene	ND	2.0	0.50	ug/L	2	10/23/25	MH	SW8260D
Hexachlorobutadiene	ND	0.50	0.40	ug/L	2	10/23/25	MH	SW8260D
Isopropylbenzene	ND	2.0	0.50	ug/L	2	10/23/25	MH	SW8260D
m&p-Xylene	ND	2.0	0.50	ug/L	2	10/23/25	MH	SW8260D
Methyl ethyl ketone	ND	5.0	5.0	ug/L	2	10/23/25	MH	SW8260D
Methyl t-butyl ether (MTBE)	ND	2.0	0.50	ug/L	2	10/23/25	MH	SW8260D
Methylene chloride	ND	5.0	2.0	ug/L	2	10/23/25	MH	SW8260D
Naphthalene	ND	2.0	2.0	ug/L	2	10/23/25	MH	SW8260D
n-Butylbenzene	ND	2.0	0.50	ug/L	2	10/23/25	MH	SW8260D
n-Propylbenzene	ND	2.0	0.50	ug/L	2	10/23/25	MH	SW8260D
o-Xylene	ND	2.0	0.50	ug/L	2	10/23/25	MH	SW8260D
p-Isopropyltoluene	ND	2.0	0.50	ug/L	2	10/23/25	MH	SW8260D
sec-Butylbenzene	ND	2.0	0.50	ug/L	2	10/23/25	MH	SW8260D
Styrene	ND	2.0	0.50	ug/L	2	10/23/25	MH	SW8260D
tert-Butylbenzene	ND	2.0	0.50	ug/L	2	10/23/25	MH	SW8260D
Tetrachloroethene	ND	2.0	0.50	ug/L	2	10/23/25	MH	SW8260D
Tetrahydrofuran (THF)	ND	10	5.0	ug/L	2	10/23/25	MH	SW8260D
Toluene	ND	2.0	0.50	ug/L	2	10/23/25	MH	SW8260D
trans-1,2-Dichloroethene	ND	5.0	0.50	ug/L	2	10/23/25	MH	SW8260D
trans-1,3-Dichloropropene	ND	0.50	0.50	ug/L	2	10/23/25	MH	SW8260D
trans-1,4-dichloro-2-butene	ND	5.0	5.0	ug/L	2	10/23/25	MH	SW8260D
Trichloroethene	ND	2.0	0.50	ug/L	2	10/23/25	MH	SW8260D
Trichlorofluoromethane	ND	2.0	0.50	ug/L	2	10/23/25	MH	SW8260D
Trichlorotrifluoroethane	ND	2.0	0.50	ug/L	2	10/23/25	MH	SW8260D
Vinyl chloride	ND	2.0	0.50	ug/L	2	10/23/25	MH	SW8260D
<b>QA/QC Surrogates</b>								
% 1,2-dichlorobenzene-d4 (2x)	108			%	2	10/23/25	MH	70 - 130 %
% Bromofluorobenzene (2x)	87			%	2	10/23/25	MH	70 - 130 %
% Dibromofluoromethane (2x)	104			%	2	10/23/25	MH	70 - 130 %

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
% Toluene-d8 (2x)	94			%	2	10/23/25	MH	70 - 130 %

1 = This parameter is not certified by the primary accrediting authority (NY NELAC) for this matrix. NY NELAC does not offer certification for all parameters at this time.

RL/PQL=Reporting/Practical Quantitation Level (Equivalent to NELAC LOQ, Limit of Quantitation) ND=Not Detected BRL=Below Reporting Level L=Biased Low LOD=Limit of Detection MDL=Method Detection Limit1

QA/QC Surrogates: Surrogates are compounds (preceded with a %) added by the lab to determine analysis efficiency. Surrogate results(%) listed in the report are not "detected" compounds.

**Comments:**

**Volatile Comment:**

Elevated reporting limits for volatiles due to the large amount of sediment in the sample vial.

**Volatile Comment:**

To achieve client's objectives, where the lowest calibration standard or LOD justifies lowering the RL/PQL, the RL/PQL of some compounds have been lowered to meet criteria.

If you are the client above and have any questions concerning this testing, please do not hesitate to contact Phoenix Client Services at ext.200. The contents of this report cannot be discussed with anyone other than the client listed above without their written consent.



**Phyllis Shiller, Laboratory Director**

**October 27, 2025**

**Reviewed and Released by: Rashmi Makol, Project Manager**



Environmental Laboratories, Inc.

587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045  
Tel. (860) 645-1102



Analysis Report

October 27, 2025

FOR: Hennessy Engineering  
P O Box 118  
Voorheesville, NY 12186

Sample Information

Matrix: GROUND WATER  
Location Code: HENNESSY  
Rush Request: Standard  
P.O.#:

Custody Information

Collected by: CC  
Received by: SW  
Analyzed by: see "By" below

Date

10/16/25  
10/17/25

Time

16:15  
16:50

Laboratory Data

SDG ID: GCU53153  
Phoenix ID: CU53159

Project ID: FORMER DELMAR ROXY CLEANERS  
Client ID: MW-5

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
<b>Volatiles</b>								
1,1,1,2-Tetrachloroethane	ND	1.0	0.25	ug/L	1	10/19/25	MH	SW8260D
1,1,1-Trichloroethane	ND	5.0	0.25	ug/L	1	10/19/25	MH	SW8260D
1,1,2,2-Tetrachloroethane	ND	1.0	0.25	ug/L	1	10/19/25	MH	SW8260D
1,1,2-Trichloroethane	ND	1.0	0.25	ug/L	1	10/19/25	MH	SW8260D
1,1-Dichloroethane	ND	5.0	0.25	ug/L	1	10/19/25	MH	SW8260D
1,1-Dichloroethene	0.46	J 1.0	0.25	ug/L	1	10/19/25	MH	SW8260D
1,1-Dichloropropene	ND	1.0	0.25	ug/L	1	10/19/25	MH	SW8260D
1,2,3-Trichlorobenzene	ND	1.0	0.25	ug/L	1	10/19/25	MH	SW8260D
1,2,3-Trichloropropane	ND	0.25	0.25	ug/L	1	10/19/25	MH	SW8260D
1,2,4-Trichlorobenzene	ND	1.0	0.25	ug/L	1	10/19/25	MH	SW8260D
1,2,4-Trimethylbenzene	ND	1.0	0.25	ug/L	1	10/19/25	MH	SW8260D
1,2-Dibromo-3-chloropropane	ND	0.50	0.50	ug/L	1	10/19/25	MH	SW8260D
1,2-Dibromoethane	ND	0.25	0.25	ug/L	1	10/19/25	MH	SW8260D
1,2-Dichlorobenzene	ND	1.0	0.25	ug/L	1	10/19/25	MH	SW8260D
1,2-Dichloroethane	ND	0.60	0.50	ug/L	1	10/19/25	MH	SW8260D
1,2-Dichloropropane	ND	1.0	0.25	ug/L	1	10/19/25	MH	SW8260D
1,3,5-Trimethylbenzene	ND	1.0	0.25	ug/L	1	10/19/25	MH	SW8260D
1,3-Dichlorobenzene	ND	1.0	0.25	ug/L	1	10/19/25	MH	SW8260D
1,3-Dichloropropane	ND	1.0	0.25	ug/L	1	10/19/25	MH	SW8260D
1,4-Dichlorobenzene	ND	1.0	0.25	ug/L	1	10/19/25	MH	SW8260D
2,2-Dichloropropane	ND	1.0	0.25	ug/L	1	10/19/25	MH	SW8260D
2-Chlorotoluene	ND	1.0	0.25	ug/L	1	10/19/25	MH	SW8260D
2-Hexanone	ND	2.5	2.5	ug/L	1	10/19/25	MH	SW8260D
2-Isopropyltoluene	ND	1.0	0.25	ug/L	1	10/19/25	MH	SW8260D
4-Chlorotoluene	ND	1.0	0.25	ug/L	1	10/19/25	MH	SW8260D
4-Methyl-2-pentanone	ND	2.5	2.5	ug/L	1	10/19/25	MH	SW8260D

Client ID: MW-5

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
Acetone	ND	5.0	2.5	ug/L	1	10/19/25	MH	SW8260D
Acrolein	ND	5.0	2.5	ug/L	1	10/19/25	MH	SW8260D
Acrylonitrile	ND	5.0	2.5	ug/L	1	10/19/25	MH	SW8260D
Benzene	ND	0.70	0.25	ug/L	1	10/19/25	MH	SW8260D
Bromobenzene	ND	1.0	0.25	ug/L	1	10/19/25	MH	SW8260D
Bromochloromethane	ND	1.0	0.25	ug/L	1	10/19/25	MH	SW8260D
Bromodichloromethane	ND	1.0	0.25	ug/L	1	10/19/25	MH	SW8260D
Bromoform	ND	5.0	0.25	ug/L	1	10/19/25	MH	SW8260D
Bromomethane	ND	5.0	0.50	ug/L	1	10/19/25	MH	SW8260D
Carbon Disulfide	ND	1.0	0.25	ug/L	1	10/19/25	MH	SW8260D
Carbon tetrachloride	ND	1.0	0.25	ug/L	1	10/19/25	MH	SW8260D
Chlorobenzene	ND	5.0	0.25	ug/L	1	10/19/25	MH	SW8260D
Chloroethane	ND	5.0	0.25	ug/L	1	10/19/25	MH	SW8260D
Chloroform	ND	5.0	0.25	ug/L	1	10/19/25	MH	SW8260D
Chloromethane	ND	5.0	0.25	ug/L	1	10/19/25	MH	SW8260D
cis-1,2-Dichloroethene	180	20	5.0	ug/L	20	10/21/25	MH	SW8260D
cis-1,3-Dichloropropene	ND	0.40	0.25	ug/L	1	10/19/25	MH	SW8260D
Dibromochloromethane	ND	1.0	0.25	ug/L	1	10/19/25	MH	SW8260D
Dibromomethane	ND	1.0	0.25	ug/L	1	10/19/25	MH	SW8260D
Dichlorodifluoromethane	ND	1.0	0.25	ug/L	1	10/19/25	MH	SW8260D
Ethylbenzene	ND	1.0	0.25	ug/L	1	10/19/25	MH	SW8260D
Hexachlorobutadiene	ND	0.50	0.20	ug/L	1	10/19/25	MH	SW8260D
Isopropylbenzene	ND	1.0	0.25	ug/L	1	10/19/25	MH	SW8260D
m&p-Xylene	ND	1.0	0.25	ug/L	1	10/19/25	MH	SW8260D
Methyl ethyl ketone	ND	2.5	2.5	ug/L	1	10/19/25	MH	SW8260D
Methyl t-butyl ether (MTBE)	ND	1.0	0.25	ug/L	1	10/19/25	MH	SW8260D
Methylene chloride	ND	3.0	1.0	ug/L	1	10/19/25	MH	SW8260D
Naphthalene	ND	1.0	1.0	ug/L	1	10/19/25	MH	SW8260D
n-Butylbenzene	ND	1.0	0.25	ug/L	1	10/19/25	MH	SW8260D
n-Propylbenzene	ND	1.0	0.25	ug/L	1	10/19/25	MH	SW8260D
o-Xylene	ND	1.0	0.25	ug/L	1	10/19/25	MH	SW8260D
p-Isopropyltoluene	ND	1.0	0.25	ug/L	1	10/19/25	MH	SW8260D
sec-Butylbenzene	ND	1.0	0.25	ug/L	1	10/19/25	MH	SW8260D
Styrene	ND	1.0	0.25	ug/L	1	10/19/25	MH	SW8260D
tert-Butylbenzene	ND	1.0	0.25	ug/L	1	10/19/25	MH	SW8260D
Tetrachloroethene	11	1.0	0.25	ug/L	1	10/19/25	MH	SW8260D
Tetrahydrofuran (THF)	ND	5.0	2.5	ug/L	1	10/19/25	MH	SW8260D
Toluene	ND	1.0	0.25	ug/L	1	10/19/25	MH	SW8260D
trans-1,2-Dichloroethene	2.0	J 5.0	0.25	ug/L	1	10/19/25	MH	SW8260D
trans-1,3-Dichloropropene	ND	0.40	0.25	ug/L	1	10/19/25	MH	SW8260D
trans-1,4-dichloro-2-butene	ND	2.5	2.5	ug/L	1	10/19/25	MH	SW8260D
Trichloroethene	14	1.0	0.25	ug/L	1	10/19/25	MH	SW8260D
Trichlorofluoromethane	ND	1.0	0.25	ug/L	1	10/19/25	MH	SW8260D
Trichlorotrifluoroethane	ND	1.0	0.25	ug/L	1	10/19/25	MH	SW8260D
Vinyl chloride	44	5.0	1.3	ug/L	5	10/21/25	MH	SW8260D
<b>QA/QC Surrogates</b>								
% 1,2-dichlorobenzene-d4	106			%	1	10/19/25	MH	70 - 130 %
% Bromofluorobenzene	89			%	1	10/19/25	MH	70 - 130 %
% Dibromofluoromethane	97			%	1	10/19/25	MH	70 - 130 %

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
% Toluene-d8	101			%	1	10/19/25	MH	70 - 130 %
% 1,2-dichlorobenzene-d4 (5x)	103			%	5	10/21/25	MH	70 - 130 %
% Bromofluorobenzene (5x)	89			%	5	10/21/25	MH	70 - 130 %
% Dibromofluoromethane (5x)	103			%	5	10/21/25	MH	70 - 130 %
% Toluene-d8 (5x)	101			%	5	10/21/25	MH	70 - 130 %
% 1,2-dichlorobenzene-d4 (20x)	103			%	20	10/21/25	MH	70 - 130 %
% Bromofluorobenzene (20x)	89			%	20	10/21/25	MH	70 - 130 %
% Dibromofluoromethane (20x)	107			%	20	10/21/25	MH	70 - 130 %
% Toluene-d8 (20x)	103			%	20	10/21/25	MH	70 - 130 %

1 = This parameter is not certified by the primary accrediting authority (NY NELAC) for this matrix. NY NELAC does not offer certification for all parameters at this time.

RL/PQL=Reporting/Practical Quantitation Level (Equivalent to NELAC LOQ, Limit of Quantitation) ND=Not Detected BRL=Below Reporting Level L=Biased Low J=Estimated Below RL LOD=Limit of Detection MDL=Method Detection Limit1

QA/QC Surrogates: Surrogates are compounds (preceded with a %) added by the lab to determine analysis efficiency. Surrogate results(%) listed in the report are not "detected" compounds.

**Comments:**

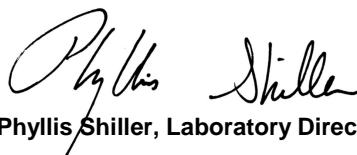
**Volatile Comment:**

Elevated reporting limits for volatiles due to the presence of target and/or non-target compounds.

**Volatile Comment:**

To achieve client's objectives, where the lowest calibration standard or LOD justifies lowering the RL/PQL, the RL/PQL of some compounds have been lowered to meet criteria.

If you are the client above and have any questions concerning this testing, please do not hesitate to contact Phoenix Client Services at ext.200. The contents of this report cannot be discussed with anyone other than the client listed above without their written consent.



**Phyllis Shiller, Laboratory Director**

**October 27, 2025**

**Reviewed and Released by: Rashmi Makol, Project Manager**



Environmental Laboratories, Inc.

587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045  
Tel. (860) 645-1102



Analysis Report

October 27, 2025

FOR: Hennessy Engineering  
P O Box 118  
Voorheesville, NY 12186

Sample Information

Matrix: GROUND WATER  
Location Code: HENNESSY  
Rush Request: Standard  
P.O.#:

Custody Information

Collected by: CC  
Received by: SW  
Analyzed by: see "By" below

Date

10/16/25  
10/17/25

Time

15:35  
16:50

Laboratory Data

SDG ID: GCU53153  
Phoenix ID: CU53160

Project ID: FORMER DELMAR ROXY CLEANERS  
Client ID: MW-6

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
<b>Volatiles</b>								
1,1,1,2-Tetrachloroethane	ND	1.0	0.25	ug/L	1	10/19/25	MH	SW8260D
1,1,1-Trichloroethane	ND	5.0	0.25	ug/L	1	10/19/25	MH	SW8260D
1,1,2,2-Tetrachloroethane	ND	1.0	0.25	ug/L	1	10/19/25	MH	SW8260D
1,1,2-Trichloroethane	ND	1.0	0.25	ug/L	1	10/19/25	MH	SW8260D
1,1-Dichloroethane	ND	5.0	0.25	ug/L	1	10/19/25	MH	SW8260D
1,1-Dichloroethene	ND	1.0	0.25	ug/L	1	10/19/25	MH	SW8260D
1,1-Dichloropropene	ND	1.0	0.25	ug/L	1	10/19/25	MH	SW8260D
1,2,3-Trichlorobenzene	ND	1.0	0.25	ug/L	1	10/19/25	MH	SW8260D
1,2,3-Trichloropropane	ND	0.25	0.25	ug/L	1	10/19/25	MH	SW8260D
1,2,4-Trichlorobenzene	ND	1.0	0.25	ug/L	1	10/19/25	MH	SW8260D
1,2,4-Trimethylbenzene	ND	1.0	0.25	ug/L	1	10/19/25	MH	SW8260D
1,2-Dibromo-3-chloropropane	ND	0.50	0.50	ug/L	1	10/19/25	MH	SW8260D
1,2-Dibromoethane	ND	0.25	0.25	ug/L	1	10/19/25	MH	SW8260D
1,2-Dichlorobenzene	ND	1.0	0.25	ug/L	1	10/19/25	MH	SW8260D
1,2-Dichloroethane	ND	0.60	0.50	ug/L	1	10/19/25	MH	SW8260D
1,2-Dichloropropane	ND	1.0	0.25	ug/L	1	10/19/25	MH	SW8260D
1,3,5-Trimethylbenzene	ND	1.0	0.25	ug/L	1	10/19/25	MH	SW8260D
1,3-Dichlorobenzene	ND	1.0	0.25	ug/L	1	10/19/25	MH	SW8260D
1,3-Dichloropropane	ND	1.0	0.25	ug/L	1	10/19/25	MH	SW8260D
1,4-Dichlorobenzene	ND	1.0	0.25	ug/L	1	10/19/25	MH	SW8260D
2,2-Dichloropropane	ND	1.0	0.25	ug/L	1	10/19/25	MH	SW8260D
2-Chlorotoluene	ND	1.0	0.25	ug/L	1	10/19/25	MH	SW8260D
2-Hexanone	ND	2.5	2.5	ug/L	1	10/19/25	MH	SW8260D
2-Isopropyltoluene	ND	1.0	0.25	ug/L	1	10/19/25	MH	SW8260D
4-Chlorotoluene	ND	1.0	0.25	ug/L	1	10/19/25	MH	SW8260D
4-Methyl-2-pentanone	ND	2.5	2.5	ug/L	1	10/19/25	MH	SW8260D

Client ID: MW-6

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
Acetone	ND	5.0	2.5	ug/L	1	10/19/25	MH	SW8260D
Acrolein	ND	5.0	2.5	ug/L	1	10/19/25	MH	SW8260D
Acrylonitrile	ND	5.0	2.5	ug/L	1	10/19/25	MH	SW8260D
Benzene	ND	0.70	0.25	ug/L	1	10/19/25	MH	SW8260D
Bromobenzene	ND	1.0	0.25	ug/L	1	10/19/25	MH	SW8260D
Bromochloromethane	ND	1.0	0.25	ug/L	1	10/19/25	MH	SW8260D
Bromodichloromethane	ND	1.0	0.25	ug/L	1	10/19/25	MH	SW8260D
Bromoform	ND	5.0	0.25	ug/L	1	10/19/25	MH	SW8260D
Bromomethane	ND	5.0	0.50	ug/L	1	10/19/25	MH	SW8260D
Carbon Disulfide	ND	1.0	0.25	ug/L	1	10/19/25	MH	SW8260D
Carbon tetrachloride	ND	1.0	0.25	ug/L	1	10/19/25	MH	SW8260D
Chlorobenzene	ND	5.0	0.25	ug/L	1	10/19/25	MH	SW8260D
Chloroethane	ND	5.0	0.25	ug/L	1	10/19/25	MH	SW8260D
Chloroform	ND	5.0	0.25	ug/L	1	10/19/25	MH	SW8260D
Chloromethane	ND	5.0	0.25	ug/L	1	10/19/25	MH	SW8260D
cis-1,2-Dichloroethene	43	5.0	1.3	ug/L	5	10/21/25	MH	SW8260D
cis-1,3-Dichloropropene	ND	0.40	0.25	ug/L	1	10/19/25	MH	SW8260D
Dibromochloromethane	ND	1.0	0.25	ug/L	1	10/19/25	MH	SW8260D
Dibromomethane	ND	1.0	0.25	ug/L	1	10/19/25	MH	SW8260D
Dichlorodifluoromethane	ND	1.0	0.25	ug/L	1	10/19/25	MH	SW8260D
Ethylbenzene	ND	1.0	0.25	ug/L	1	10/19/25	MH	SW8260D
Hexachlorobutadiene	ND	0.50	0.20	ug/L	1	10/19/25	MH	SW8260D
Isopropylbenzene	ND	1.0	0.25	ug/L	1	10/19/25	MH	SW8260D
m&p-Xylene	ND	1.0	0.25	ug/L	1	10/19/25	MH	SW8260D
Methyl ethyl ketone	ND	2.5	2.5	ug/L	1	10/19/25	MH	SW8260D
Methyl t-butyl ether (MTBE)	ND	1.0	0.25	ug/L	1	10/19/25	MH	SW8260D
Methylene chloride	ND	3.0	1.0	ug/L	1	10/19/25	MH	SW8260D
Naphthalene	ND	1.0	1.0	ug/L	1	10/19/25	MH	SW8260D
n-Butylbenzene	ND	1.0	0.25	ug/L	1	10/19/25	MH	SW8260D
n-Propylbenzene	ND	1.0	0.25	ug/L	1	10/19/25	MH	SW8260D
o-Xylene	ND	1.0	0.25	ug/L	1	10/19/25	MH	SW8260D
p-Isopropyltoluene	ND	1.0	0.25	ug/L	1	10/19/25	MH	SW8260D
sec-Butylbenzene	ND	1.0	0.25	ug/L	1	10/19/25	MH	SW8260D
Styrene	ND	1.0	0.25	ug/L	1	10/19/25	MH	SW8260D
tert-Butylbenzene	ND	1.0	0.25	ug/L	1	10/19/25	MH	SW8260D
Tetrachloroethene	21	1.0	0.25	ug/L	1	10/19/25	MH	SW8260D
Tetrahydrofuran (THF)	ND	5.0	2.5	ug/L	1	10/19/25	MH	SW8260D
Toluene	ND	1.0	0.25	ug/L	1	10/19/25	MH	SW8260D
trans-1,2-Dichloroethene	0.62	J 5.0	0.25	ug/L	1	10/19/25	MH	SW8260D
trans-1,3-Dichloropropene	ND	0.40	0.25	ug/L	1	10/19/25	MH	SW8260D
trans-1,4-dichloro-2-butene	ND	2.5	2.5	ug/L	1	10/19/25	MH	SW8260D
Trichloroethene	9.2	1.0	0.25	ug/L	1	10/19/25	MH	SW8260D
Trichlorofluoromethane	ND	1.0	0.25	ug/L	1	10/19/25	MH	SW8260D
Trichlorotrifluoroethane	ND	1.0	0.25	ug/L	1	10/19/25	MH	SW8260D
Vinyl chloride	8.6	1.0	0.25	ug/L	1	10/19/25	MH	SW8260D
<b>QA/QC Surrogates</b>								
% 1,2-dichlorobenzene-d4	103			%	1	10/19/25	MH	70 - 130 %
% Bromofluorobenzene	90			%	1	10/19/25	MH	70 - 130 %
% Dibromofluoromethane	98			%	1	10/19/25	MH	70 - 130 %

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
% Toluene-d8	100			%	1	10/19/25	MH	70 - 130 %
% 1,2-dichlorobenzene-d4 (5x)	100			%	5	10/21/25	MH	70 - 130 %
% Bromofluorobenzene (5x)	93			%	5	10/21/25	MH	70 - 130 %
% Dibromofluoromethane (5x)	105			%	5	10/21/25	MH	70 - 130 %
% Toluene-d8 (5x)	103			%	5	10/21/25	MH	70 - 130 %

1 = This parameter is not certified by the primary accrediting authority (NY NELAC) for this matrix. NY NELAC does not offer certification for all parameters at this time.

RL/PQL=Reporting/Practical Quantitation Level (Equivalent to NELAC LOQ, Limit of Quantitation) ND=Not Detected BRL=Below Reporting Level L=Biased Low J=Estimated Below RL LOD=Limit of Detection MDL=Method Detection Limit1

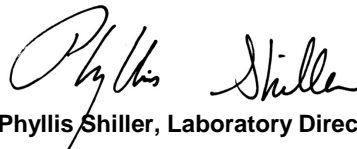
QA/QC Surrogates: Surrogates are compounds (preceded with a %) added by the lab to determine analysis efficiency. Surrogate results(%) listed in the report are not "detected" compounds.

**Comments:**

**Volatile Comment:**

To achieve client's objectives, where the lowest calibration standard or LOD justifies lowering the RL/PQL, the RL/PQL of some compounds have been lowered to meet criteria.

If you are the client above and have any questions concerning this testing, please do not hesitate to contact Phoenix Client Services at ext.200. The contents of this report cannot be discussed with anyone other than the client listed above without their written consent.



**Phyllis Shiller, Laboratory Director**

**October 27, 2025**

**Reviewed and Released by: Rashmi Makol, Project Manager**



Environmental Laboratories, Inc.

587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045  
Tel. (860) 645-1102



Analysis Report

October 27, 2025

FOR: Hennessy Engineering  
P O Box 118  
Voorheesville, NY 12186

Sample Information

Matrix: GROUND WATER  
Location Code: HENNESSY  
Rush Request: Standard  
P.O.#:

Custody Information

Collected by: CC  
Received by: SW  
Analyzed by: see "By" below

Date

10/16/25  
10/17/25

Time

16:30  
16:50

Laboratory Data

SDG ID: GCU53153  
Phoenix ID: CU53161

Project ID: FORMER DELMAR ROXY CLEANERS  
Client ID: FIELD BLANK

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
<b>Volatiles</b>								
1,1,1,2-Tetrachloroethane	ND	1.0	0.25	ug/L	1	10/19/25	MH	SW8260D
1,1,1-Trichloroethane	ND	5.0	0.25	ug/L	1	10/19/25	MH	SW8260D
1,1,2,2-Tetrachloroethane	ND	1.0	0.25	ug/L	1	10/19/25	MH	SW8260D
1,1,2-Trichloroethane	ND	1.0	0.25	ug/L	1	10/19/25	MH	SW8260D
1,1-Dichloroethane	ND	5.0	0.25	ug/L	1	10/19/25	MH	SW8260D
1,1-Dichloroethene	ND	1.0	0.25	ug/L	1	10/19/25	MH	SW8260D
1,1-Dichloropropene	ND	1.0	0.25	ug/L	1	10/19/25	MH	SW8260D
1,2,3-Trichlorobenzene	ND	1.0	0.25	ug/L	1	10/19/25	MH	SW8260D
1,2,3-Trichloropropane	ND	0.25	0.25	ug/L	1	10/19/25	MH	SW8260D
1,2,4-Trichlorobenzene	ND	1.0	0.25	ug/L	1	10/19/25	MH	SW8260D
1,2,4-Trimethylbenzene	ND	1.0	0.25	ug/L	1	10/19/25	MH	SW8260D
1,2-Dibromo-3-chloropropane	ND	0.50	0.50	ug/L	1	10/19/25	MH	SW8260D
1,2-Dibromoethane	ND	0.25	0.25	ug/L	1	10/19/25	MH	SW8260D
1,2-Dichlorobenzene	ND	1.0	0.25	ug/L	1	10/19/25	MH	SW8260D
1,2-Dichloroethane	ND	0.60	0.50	ug/L	1	10/19/25	MH	SW8260D
1,2-Dichloropropane	ND	1.0	0.25	ug/L	1	10/19/25	MH	SW8260D
1,3,5-Trimethylbenzene	ND	1.0	0.25	ug/L	1	10/19/25	MH	SW8260D
1,3-Dichlorobenzene	ND	1.0	0.25	ug/L	1	10/19/25	MH	SW8260D
1,3-Dichloropropane	ND	1.0	0.25	ug/L	1	10/19/25	MH	SW8260D
1,4-Dichlorobenzene	ND	1.0	0.25	ug/L	1	10/19/25	MH	SW8260D
2,2-Dichloropropane	ND	1.0	0.25	ug/L	1	10/19/25	MH	SW8260D
2-Chlorotoluene	ND	1.0	0.25	ug/L	1	10/19/25	MH	SW8260D
2-Hexanone	ND	2.5	2.5	ug/L	1	10/19/25	MH	SW8260D
2-Isopropyltoluene	ND	1.0	0.25	ug/L	1	10/19/25	MH	SW8260D
4-Chlorotoluene	ND	1.0	0.25	ug/L	1	10/19/25	MH	SW8260D
4-Methyl-2-pentanone	ND	2.5	2.5	ug/L	1	10/19/25	MH	SW8260D

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
Acetone	ND	5.0	2.5	ug/L	1	10/19/25	MH	SW8260D
Acrolein	ND	5.0	2.5	ug/L	1	10/19/25	MH	SW8260D
Acrylonitrile	ND	5.0	2.5	ug/L	1	10/19/25	MH	SW8260D
Benzene	ND	0.70	0.25	ug/L	1	10/19/25	MH	SW8260D
Bromobenzene	ND	1.0	0.25	ug/L	1	10/19/25	MH	SW8260D
Bromochloromethane	ND	1.0	0.25	ug/L	1	10/19/25	MH	SW8260D
Bromodichloromethane	ND	1.0	0.25	ug/L	1	10/19/25	MH	SW8260D
Bromoform	ND	5.0	0.25	ug/L	1	10/19/25	MH	SW8260D
Bromomethane	ND	5.0	0.50	ug/L	1	10/19/25	MH	SW8260D
Carbon Disulfide	ND	1.0	0.25	ug/L	1	10/19/25	MH	SW8260D
Carbon tetrachloride	ND	1.0	0.25	ug/L	1	10/19/25	MH	SW8260D
Chlorobenzene	ND	5.0	0.25	ug/L	1	10/19/25	MH	SW8260D
Chloroethane	ND	5.0	0.25	ug/L	1	10/19/25	MH	SW8260D
Chloroform	ND	5.0	0.25	ug/L	1	10/19/25	MH	SW8260D
Chloromethane	ND	5.0	0.25	ug/L	1	10/19/25	MH	SW8260D
cis-1,2-Dichloroethene	ND	1.0	0.25	ug/L	1	10/19/25	MH	SW8260D
cis-1,3-Dichloropropene	ND	0.40	0.25	ug/L	1	10/19/25	MH	SW8260D
Dibromochloromethane	ND	1.0	0.25	ug/L	1	10/19/25	MH	SW8260D
Dibromomethane	ND	1.0	0.25	ug/L	1	10/19/25	MH	SW8260D
Dichlorodifluoromethane	ND	1.0	0.25	ug/L	1	10/19/25	MH	SW8260D
Ethylbenzene	ND	1.0	0.25	ug/L	1	10/19/25	MH	SW8260D
Hexachlorobutadiene	ND	0.50	0.20	ug/L	1	10/19/25	MH	SW8260D
Isopropylbenzene	ND	1.0	0.25	ug/L	1	10/19/25	MH	SW8260D
m&p-Xylene	ND	1.0	0.25	ug/L	1	10/19/25	MH	SW8260D
Methyl ethyl ketone	ND	2.5	2.5	ug/L	1	10/19/25	MH	SW8260D
Methyl t-butyl ether (MTBE)	ND	1.0	0.25	ug/L	1	10/19/25	MH	SW8260D
Methylene chloride	ND	3.0	1.0	ug/L	1	10/19/25	MH	SW8260D
Naphthalene	ND	1.0	1.0	ug/L	1	10/19/25	MH	SW8260D
n-Butylbenzene	ND	1.0	0.25	ug/L	1	10/19/25	MH	SW8260D
n-Propylbenzene	ND	1.0	0.25	ug/L	1	10/19/25	MH	SW8260D
o-Xylene	ND	1.0	0.25	ug/L	1	10/19/25	MH	SW8260D
p-Isopropyltoluene	ND	1.0	0.25	ug/L	1	10/19/25	MH	SW8260D
sec-Butylbenzene	ND	1.0	0.25	ug/L	1	10/19/25	MH	SW8260D
Styrene	ND	1.0	0.25	ug/L	1	10/19/25	MH	SW8260D
tert-Butylbenzene	ND	1.0	0.25	ug/L	1	10/19/25	MH	SW8260D
Tetrachloroethene	ND	1.0	0.25	ug/L	1	10/19/25	MH	SW8260D
Tetrahydrofuran (THF)	ND	5.0	2.5	ug/L	1	10/19/25	MH	SW8260D
Toluene	ND	1.0	0.25	ug/L	1	10/19/25	MH	SW8260D
trans-1,2-Dichloroethene	ND	5.0	0.25	ug/L	1	10/19/25	MH	SW8260D
trans-1,3-Dichloropropene	ND	0.40	0.25	ug/L	1	10/19/25	MH	SW8260D
trans-1,4-dichloro-2-butene	ND	2.5	2.5	ug/L	1	10/19/25	MH	SW8260D
Trichloroethene	ND	1.0	0.25	ug/L	1	10/19/25	MH	SW8260D
Trichlorofluoromethane	ND	1.0	0.25	ug/L	1	10/19/25	MH	SW8260D
Trichlorotrifluoroethane	ND	1.0	0.25	ug/L	1	10/19/25	MH	SW8260D
Vinyl chloride	ND	1.0	0.25	ug/L	1	10/19/25	MH	SW8260D
<b>QA/QC Surrogates</b>								
% 1,2-dichlorobenzene-d4	106			%	1	10/19/25	MH	70 - 130 %
% Bromofluorobenzene	93			%	1	10/19/25	MH	70 - 130 %
% Dibromofluoromethane	98			%	1	10/19/25	MH	70 - 130 %

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
% Toluene-d8	102			%	1	10/19/25	MH	70 - 130 %

1 = This parameter is not certified by the primary accrediting authority (NY NELAC) for this matrix. NY NELAC does not offer certification for all parameters at this time.

RL/PQL=Reporting/Practical Quantitation Level (Equivalent to NELAC LOQ, Limit of Quantitation) ND=Not Detected BRL=Below Reporting Level L=Biased Low LOD=Limit of Detection MDL=Method Detection Limit1

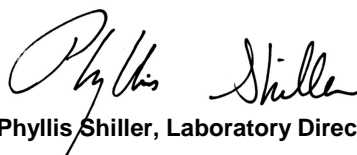
QA/QC Surrogates: Surrogates are compounds (preceded with a %) added by the lab to determine analysis efficiency. Surrogate results(%) listed in the report are not "detected" compounds.

**Comments:**

**Volatile Comment:**

To achieve client's objectives, where the lowest calibration standard or LOD justifies lowering the RL/PQL, the RL/PQL of some compounds have been lowered to meet criteria.

If you are the client above and have any questions concerning this testing, please do not hesitate to contact Phoenix Client Services at ext.200. The contents of this report cannot be discussed with anyone other than the client listed above without their written consent.



**Phyllis Shiller, Laboratory Director**

**October 27, 2025**

**Reviewed and Released by: Rashmi Makol, Project Manager**



Environmental Laboratories, Inc.

587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045  
Tel. (860) 645-1102



Analysis Report

October 27, 2025

FOR: Hennessy Engineering  
P O Box 118  
Voorheesville, NY 12186

Sample Information

Matrix: WATER  
Location Code: HENNESSY  
Rush Request: Standard  
P.O.#:

Custody Information

Collected by: CC  
Received by: SW  
Analyzed by: see "By" below

Date

10/16/25  
10/17/25

Time

16:50

Laboratory Data

SDG ID: GCU53153  
Phoenix ID: CU53162

Project ID: FORMER DELMAR ROXY CLEANERS  
Client ID: TRIP BLANK

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
<b>Volatiles</b>								
1,1,1,2-Tetrachloroethane	ND	1.0	0.25	ug/L	1	10/19/25	MH	SW8260D
1,1,1-Trichloroethane	ND	5.0	0.25	ug/L	1	10/19/25	MH	SW8260D
1,1,2,2-Tetrachloroethane	ND	1.0	0.25	ug/L	1	10/19/25	MH	SW8260D
1,1,2-Trichloroethane	ND	1.0	0.25	ug/L	1	10/19/25	MH	SW8260D
1,1-Dichloroethane	ND	5.0	0.25	ug/L	1	10/19/25	MH	SW8260D
1,1-Dichloroethene	ND	1.0	0.25	ug/L	1	10/19/25	MH	SW8260D
1,1-Dichloropropene	ND	1.0	0.25	ug/L	1	10/19/25	MH	SW8260D
1,2,3-Trichlorobenzene	ND	1.0	0.25	ug/L	1	10/19/25	MH	SW8260D
1,2,3-Trichloropropane	ND	0.25	0.25	ug/L	1	10/19/25	MH	SW8260D
1,2,4-Trichlorobenzene	ND	1.0	0.25	ug/L	1	10/19/25	MH	SW8260D
1,2,4-Trimethylbenzene	ND	1.0	0.25	ug/L	1	10/19/25	MH	SW8260D
1,2-Dibromo-3-chloropropane	ND	0.50	0.50	ug/L	1	10/19/25	MH	SW8260D
1,2-Dibromoethane	ND	0.25	0.25	ug/L	1	10/19/25	MH	SW8260D
1,2-Dichlorobenzene	ND	1.0	0.25	ug/L	1	10/19/25	MH	SW8260D
1,2-Dichloroethane	ND	0.60	0.50	ug/L	1	10/19/25	MH	SW8260D
1,2-Dichloropropane	ND	1.0	0.25	ug/L	1	10/19/25	MH	SW8260D
1,3,5-Trimethylbenzene	ND	1.0	0.25	ug/L	1	10/19/25	MH	SW8260D
1,3-Dichlorobenzene	ND	1.0	0.25	ug/L	1	10/19/25	MH	SW8260D
1,3-Dichloropropane	ND	1.0	0.25	ug/L	1	10/19/25	MH	SW8260D
1,4-Dichlorobenzene	ND	1.0	0.25	ug/L	1	10/19/25	MH	SW8260D
2,2-Dichloropropane	ND	1.0	0.25	ug/L	1	10/19/25	MH	SW8260D
2-Chlorotoluene	ND	1.0	0.25	ug/L	1	10/19/25	MH	SW8260D
2-Hexanone	ND	2.5	2.5	ug/L	1	10/19/25	MH	SW8260D
2-Isopropyltoluene	ND	1.0	0.25	ug/L	1	10/19/25	MH	SW8260D
4-Chlorotoluene	ND	1.0	0.25	ug/L	1	10/19/25	MH	SW8260D
4-Methyl-2-pentanone	ND	2.5	2.5	ug/L	1	10/19/25	MH	SW8260D

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
Acetone	ND	5.0	2.5	ug/L	1	10/19/25	MH	SW8260D
Acrolein	ND	5.0	2.5	ug/L	1	10/19/25	MH	SW8260D
Acrylonitrile	ND	5.0	2.5	ug/L	1	10/19/25	MH	SW8260D
Benzene	ND	0.70	0.25	ug/L	1	10/19/25	MH	SW8260D
Bromobenzene	ND	1.0	0.25	ug/L	1	10/19/25	MH	SW8260D
Bromochloromethane	ND	1.0	0.25	ug/L	1	10/19/25	MH	SW8260D
Bromodichloromethane	ND	1.0	0.25	ug/L	1	10/19/25	MH	SW8260D
Bromoform	ND	5.0	0.25	ug/L	1	10/19/25	MH	SW8260D
Bromomethane	ND	5.0	0.50	ug/L	1	10/19/25	MH	SW8260D
Carbon Disulfide	ND	1.0	0.25	ug/L	1	10/19/25	MH	SW8260D
Carbon tetrachloride	ND	1.0	0.25	ug/L	1	10/19/25	MH	SW8260D
Chlorobenzene	ND	5.0	0.25	ug/L	1	10/19/25	MH	SW8260D
Chloroethane	ND	5.0	0.25	ug/L	1	10/19/25	MH	SW8260D
Chloroform	ND	5.0	0.25	ug/L	1	10/19/25	MH	SW8260D
Chloromethane	ND	5.0	0.25	ug/L	1	10/19/25	MH	SW8260D
cis-1,2-Dichloroethene	ND	1.0	0.25	ug/L	1	10/19/25	MH	SW8260D
cis-1,3-Dichloropropene	ND	0.40	0.25	ug/L	1	10/19/25	MH	SW8260D
Dibromochloromethane	ND	1.0	0.25	ug/L	1	10/19/25	MH	SW8260D
Dibromomethane	ND	1.0	0.25	ug/L	1	10/19/25	MH	SW8260D
Dichlorodifluoromethane	ND	1.0	0.25	ug/L	1	10/19/25	MH	SW8260D
Ethylbenzene	ND	1.0	0.25	ug/L	1	10/19/25	MH	SW8260D
Hexachlorobutadiene	ND	0.50	0.20	ug/L	1	10/19/25	MH	SW8260D
Isopropylbenzene	ND	1.0	0.25	ug/L	1	10/19/25	MH	SW8260D
m&p-Xylene	ND	1.0	0.25	ug/L	1	10/19/25	MH	SW8260D
Methyl ethyl ketone	ND	2.5	2.5	ug/L	1	10/19/25	MH	SW8260D
Methyl t-butyl ether (MTBE)	ND	1.0	0.25	ug/L	1	10/19/25	MH	SW8260D
Methylene chloride	ND	3.0	1.0	ug/L	1	10/19/25	MH	SW8260D
Naphthalene	ND	1.0	1.0	ug/L	1	10/19/25	MH	SW8260D
n-Butylbenzene	ND	1.0	0.25	ug/L	1	10/19/25	MH	SW8260D
n-Propylbenzene	ND	1.0	0.25	ug/L	1	10/19/25	MH	SW8260D
o-Xylene	ND	1.0	0.25	ug/L	1	10/19/25	MH	SW8260D
p-Isopropyltoluene	ND	1.0	0.25	ug/L	1	10/19/25	MH	SW8260D
sec-Butylbenzene	ND	1.0	0.25	ug/L	1	10/19/25	MH	SW8260D
Styrene	ND	1.0	0.25	ug/L	1	10/19/25	MH	SW8260D
tert-Butylbenzene	ND	1.0	0.25	ug/L	1	10/19/25	MH	SW8260D
Tetrachloroethene	ND	1.0	0.25	ug/L	1	10/19/25	MH	SW8260D
Tetrahydrofuran (THF)	ND	5.0	2.5	ug/L	1	10/19/25	MH	SW8260D
Toluene	ND	1.0	0.25	ug/L	1	10/19/25	MH	SW8260D
trans-1,2-Dichloroethene	ND	5.0	0.25	ug/L	1	10/19/25	MH	SW8260D
trans-1,3-Dichloropropene	ND	0.40	0.25	ug/L	1	10/19/25	MH	SW8260D
trans-1,4-dichloro-2-butene	ND	2.5	2.5	ug/L	1	10/19/25	MH	SW8260D
Trichloroethene	ND	1.0	0.25	ug/L	1	10/19/25	MH	SW8260D
Trichlorofluoromethane	ND	1.0	0.25	ug/L	1	10/19/25	MH	SW8260D
Trichlorotrifluoroethane	ND	1.0	0.25	ug/L	1	10/19/25	MH	SW8260D
Vinyl chloride	ND	1.0	0.25	ug/L	1	10/19/25	MH	SW8260D
<b>QA/QC Surrogates</b>								
% 1,2-dichlorobenzene-d4	107			%	1	10/19/25	MH	70 - 130 %
% Bromofluorobenzene	87			%	1	10/19/25	MH	70 - 130 %
% Dibromofluoromethane	98			%	1	10/19/25	MH	70 - 130 %

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
% Toluene-d8	103			%	1	10/19/25	MH	70 - 130 %

1 = This parameter is not certified by the primary accrediting authority (NY NELAC) for this matrix. NY NELAC does not offer certification for all parameters at this time.

RL/PQL=Reporting/Practical Quantitation Level (Equivalent to NELAC LOQ, Limit of Quantitation) ND=Not Detected BRL=Below Reporting Level L=Biased Low LOD=Limit of Detection MDL=Method Detection Limit1

QA/QC Surrogates: Surrogates are compounds (preceeded with a %) added by the lab to determine analysis efficiency. Surrogate results(%) listed in the report are not "detected" compounds.

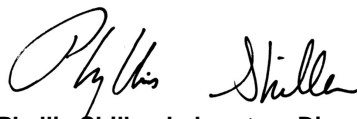
**Comments:**

TRIP BLANK INCLUDED.

**Volatile Comment:**

To achieve client's objectives, where the lowest calibration standard or LOD justifies lowering the RL/PQL, the RL/PQL of some compounds have been lowered to meet criteria.

If you are the client above and have any questions concerning this testing, please do not hesitate to contact Phoenix Client Services at ext.200. The contents of this report cannot be discussed with anyone other than the client listed above without their written consent.



**Phyllis Shiller, Laboratory Director**

**October 27, 2025**

**Reviewed and Released by: Rashmi Makol, Project Manager**



Environmental Laboratories, Inc.  
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045  
Tel. (860) 645-1102



# QA/QC Report

October 27, 2025

## QA/QC Data

SDG I.D.: GCU53153

Parameter	Blank	Blk RL	LCS %	LCSD %	LCS RPD	MS %	MSD %	MS RPD	% Rec Limits	% RPD Limits
QA/QC Batch 810331 (ug/L), QC Sample No: CU51343 (CU53155, CU53156, CU53158 (2X) )										
<b>Volatiles - Ground Water</b>										
1,1,1,2-Tetrachloroethane	ND	1.0	102	104	1.9	93	100	7.3	70 - 130	30
1,1,1-Trichloroethane	ND	1.0	91	94	3.2	92	100	8.3	70 - 130	30
1,1,2,2-Tetrachloroethane	ND	0.50	101	106	4.8	85	92	7.9	70 - 130	30
1,1,2-Trichloroethane	ND	1.0	104	106	1.9	93	103	10.2	70 - 130	30
1,1-Dichloroethane	ND	1.0	93	95	2.1	90	98	8.5	70 - 130	30
1,1-Dichloroethene	ND	1.0	87	89	2.3	93	98	5.2	70 - 130	30
1,1-Dichloropropene	ND	1.0	88	90	2.2	92	99	7.3	70 - 130	30
1,2,3-Trichlorobenzene	ND	1.0	109	113	3.6	96	107	10.8	70 - 130	30
1,2,3-Trichloropropane	ND	1.0	99	105	5.9	84	93	10.2	70 - 130	30
1,2,4-Trichlorobenzene	ND	1.0	103	111	7.5	93	104	11.2	70 - 130	30
1,2,4-Trimethylbenzene	ND	1.0	107	113	5.5	101	110	8.5	70 - 130	30
1,2-Dibromo-3-chloropropane	ND	1.0	113	114	0.9	93	97	4.2	70 - 130	30
1,2-Dibromoethane	ND	1.0	101	102	1.0	92	98	6.3	70 - 130	30
1,2-Dichlorobenzene	ND	1.0	97	100	3.0	90	98	8.5	70 - 130	30
1,2-Dichloroethane	ND	1.0	99	101	2.0	90	97	7.5	70 - 130	30
1,2-Dichloropropane	ND	1.0	101	103	2.0	92	104	12.2	70 - 130	30
1,3,5-Trimethylbenzene	ND	1.0	108	113	4.5	103	112	8.4	70 - 130	30
1,3-Dichlorobenzene	ND	1.0	99	103	4.0	93	100	7.3	70 - 130	30
1,3-Dichloropropane	ND	1.0	101	104	2.9	94	100	6.2	70 - 130	30
1,4-Dichlorobenzene	ND	1.0	94	97	3.1	89	95	6.5	70 - 130	30
2,2-Dichloropropane	ND	1.0	94	98	4.2	87	97	10.9	70 - 130	30
2-Chlorotoluene	ND	1.0	102	108	5.7	93	103	10.2	70 - 130	30
2-Hexanone	ND	5.0	108	108	0.0	92	94	2.2	70 - 130	30
2-Isopropyltoluene	ND	1.0	105	109	3.7	101	107	5.8	70 - 130	30
4-Chlorotoluene	ND	1.0	101	105	3.9	94	102	8.2	70 - 130	30
4-Methyl-2-pentanone	ND	5.0	102	110	7.5	85	100	16.2	70 - 130	30
Acetone	ND	5.0	98	103	5.0	60	60	0.0	70 - 130	30 m
Acrolein	ND	5.0	93	97	4.2	66	74	11.4	70 - 130	30 m
Acrylonitrile	ND	5.0	99	106	6.8	88	95	7.7	70 - 130	30
Benzene	ND	0.70	98	100	2.0	96	99	3.1	70 - 130	30
Bromobenzene	ND	1.0	101	106	4.8	90	99	9.5	70 - 130	30
Bromochloromethane	ND	1.0	96	97	1.0	90	99	9.5	70 - 130	30
Bromodichloromethane	ND	0.50	100	102	2.0	90	101	11.5	70 - 130	30
Bromoform	ND	1.0	102	109	6.6	90	95	5.4	70 - 130	30
Bromomethane	ND	1.0	75	80	6.5	55	67	19.7	70 - 130	30 m
Carbon Disulfide	ND	1.0	92	95	3.2	93	98	5.2	70 - 130	30
Carbon tetrachloride	ND	1.0	89	90	1.1	91	98	7.4	70 - 130	30
Chlorobenzene	ND	1.0	97	100	3.0	92	99	7.3	70 - 130	30
Chloroethane	ND	1.0	97	99	2.0	94	99	5.2	70 - 130	30
Chloroform	ND	1.0	90	93	3.3	122	102	17.9	70 - 130	30
Chloromethane	ND	1.0	95	95	0.0	85	92	7.9	70 - 130	30

QA/QC Data

SDG I.D.: GCU53153

Parameter	BIK		LCS %	LCSD %	LCS RPD	MS %	MSD %	MS RPD	% Rec Limits	% RPD Limits
	Blank	RL								
cis-1,2-Dichloroethene	ND	1.0	96	100	4.1	94	102	8.2	70 - 130	30
cis-1,3-Dichloropropene	ND	0.40	106	109	2.8	95	106	10.9	70 - 130	30
Dibromochloromethane	ND	0.50	95	99	4.1	87	94	7.7	70 - 130	30
Dibromomethane	ND	1.0	103	105	1.9	94	101	7.2	70 - 130	30
Dichlorodifluoromethane	ND	1.0	92	90	2.2	90	96	6.5	70 - 130	30
Ethylbenzene	ND	1.0	102	105	2.9	97	106	8.9	70 - 130	30
Hexachlorobutadiene	ND	0.40	99	99	0.0	91	98	7.4	70 - 130	30
Isopropylbenzene	ND	1.0	103	113	9.3	97	109	11.7	70 - 130	30
m&p-Xylene	ND	1.0	105	109	3.7	99	109	9.6	70 - 130	30
Methyl ethyl ketone	ND	5.0	94	102	8.2	86	94	8.9	70 - 130	30
Methyl t-butyl ether (MTBE)	ND	1.0	103	104	1.0	95	101	6.1	70 - 130	30
Methylene chloride	ND	1.0	92	94	2.2	86	92	6.7	70 - 130	30
Naphthalene	ND	1.0	120	126	4.9	102	112	9.3	70 - 130	30
n-Butylbenzene	ND	1.0	103	107	3.8	101	108	6.7	70 - 130	30
n-Propylbenzene	ND	1.0	103	107	3.8	97	109	11.7	70 - 130	30
o-Xylene	ND	1.0	104	111	6.5	99	107	7.8	70 - 130	30
p-Isopropyltoluene	ND	1.0	106	110	3.7	105	112	6.5	70 - 130	30
sec-Butylbenzene	ND	1.0	100	105	4.9	100	108	7.7	70 - 130	30
Styrene	ND	1.0	109	120	9.6	103	110	6.6	70 - 130	30
tert-Butylbenzene	ND	1.0	103	109	5.7	100	112	11.3	70 - 130	30
Tetrachloroethene	ND	1.0	95	96	1.0	94	104	10.1	70 - 130	30
Tetrahydrofuran (THF)	ND	2.5	95	98	3.1	79	90	13.0	70 - 130	30
Toluene	ND	1.0	99	103	4.0	95	105	10.0	70 - 130	30
trans-1,2-Dichloroethene	ND	1.0	91	93	2.2	90	97	7.5	70 - 130	30
trans-1,3-Dichloropropene	ND	0.40	111	113	1.8	95	105	10.0	70 - 130	30
trans-1,4-dichloro-2-butene	ND	5.0	106	111	4.6	82	91	10.4	70 - 130	30
Trichloroethene	ND	1.0	97	99	2.0	94	103	9.1	70 - 130	30
Trichlorofluoromethane	ND	1.0	91	92	1.1	92	102	10.3	70 - 130	30
Trichlorotrifluoroethane	ND	1.0	92	93	1.1	99	107	7.8	70 - 130	30
Vinyl chloride	ND	1.0	94	98	4.2	93	100	7.3	70 - 130	30
% 1,2-dichlorobenzene-d4	105	%	100	99	1.0	99	99	0.0	70 - 130	30
% Bromofluorobenzene	89	%	98	101	3.0	100	100	0.0	70 - 130	30
% Dibromofluoromethane	101	%	98	91	7.4	98	97	1.0	70 - 130	30
% Toluene-d8	93	%	101	102	1.0	100	102	2.0	70 - 130	30

QA/QC Batch 809849 (ug/L), QC Sample No: CU52634 (CU53153 (100X) , CU53154 (10X, 100X) , CU53157 (5X, 50X) , CU53159 (5X, 20X) , CU53160 (5X) )

Volatiles - Ground Water

1,1,1,2-Tetrachloroethane	ND	1.0	98	100	2.0				70 - 130	30
1,1,1-Trichloroethane	ND	1.0	88	94	6.6				70 - 130	30
1,1,2,2-Tetrachloroethane	ND	0.50	91	96	5.3				70 - 130	30
1,1,2-Trichloroethane	ND	1.0	96	99	3.1				70 - 130	30
1,1-Dichloroethane	ND	1.0	90	93	3.3				70 - 130	30
1,1-Dichloroethene	ND	1.0	80	84	4.9				70 - 130	30
1,1-Dichloropropene	ND	1.0	84	91	8.0				70 - 130	30
1,2,3-Trichlorobenzene	ND	1.0	98	104	5.9				70 - 130	30
1,2,3-Trichloropropane	ND	1.0	92	96	4.3				70 - 130	30
1,2,4-Trichlorobenzene	ND	1.0	95	98	3.1				70 - 130	30
1,2,4-Trimethylbenzene	ND	1.0	97	101	4.0				70 - 130	30
1,2-Dibromo-3-chloropropane	ND	1.0	97	97	0.0				70 - 130	30
1,2-Dibromoethane	ND	1.0	99	104	4.9				70 - 130	30
1,2-Dichlorobenzene	ND	1.0	94	95	1.1				70 - 130	30
1,2-Dichloroethane	ND	1.0	93	99	6.3				70 - 130	30

## QA/QC Data

SDG I.D.: GCU53153

Parameter	Blank	Blk RL	LCS %	LCSD %	LCS RPD	MS %	MSD %	MS RPD	%	%
									Rec Limits	RPD Limits
1,2-Dichloropropane	ND	1.0	89	95	6.5				70 - 130	30
1,3,5-Trimethylbenzene	ND	1.0	97	102	5.0				70 - 130	30
1,3-Dichlorobenzene	ND	1.0	94	97	3.1				70 - 130	30
1,3-Dichloropropane	ND	1.0	100	102	2.0				70 - 130	30
1,4-Dichlorobenzene	ND	1.0	93	97	4.2				70 - 130	30
2,2-Dichloropropane	ND	1.0	88	92	4.4				70 - 130	30
2-Chlorotoluene	ND	1.0	97	101	4.0				70 - 130	30
2-Hexanone	ND	5.0	91	100	9.4				70 - 130	30
2-Isopropyltoluene	ND	1.0	96	101	5.1				70 - 130	30
4-Chlorotoluene	ND	1.0	94	97	3.1				70 - 130	30
4-Methyl-2-pentanone	ND	5.0	96	102	6.1				70 - 130	30
Acetone	ND	5.0	90	92	2.2				70 - 130	30
Acrolein	ND	5.0	86	92	6.7				70 - 130	30
Acrylonitrile	ND	5.0	96	98	2.1				70 - 130	30
Benzene	ND	0.70	90	97	7.5				70 - 130	30
Bromobenzene	ND	1.0	93	98	5.2				70 - 130	30
Bromochloromethane	ND	1.0	93	97	4.2				70 - 130	30
Bromodichloromethane	ND	0.50	94	100	6.2				70 - 130	30
Bromoform	ND	1.0	100	104	3.9				70 - 130	30
Bromomethane	ND	1.0	106	118	10.7				70 - 130	30
Carbon Disulfide	ND	1.0	86	92	6.7				70 - 130	30
Carbon tetrachloride	ND	1.0	85	89	4.6				70 - 130	30
Chlorobenzene	ND	1.0	93	98	5.2				70 - 130	30
Chloroethane	ND	1.0	93	95	2.1				70 - 130	30
Chloroform	ND	1.0	90	93	3.3				70 - 130	30
Chloromethane	ND	1.0	93	96	3.2				70 - 130	30
cis-1,2-Dichloroethene	ND	1.0	94	99	5.2				70 - 130	30
cis-1,3-Dichloropropene	ND	0.40	101	107	5.8				70 - 130	30
Dibromochloromethane	ND	0.50	96	99	3.1				70 - 130	30
Dibromomethane	ND	1.0	92	99	7.3				70 - 130	30
Dichlorodifluoromethane	ND	1.0	94	101	7.2				70 - 130	30
Ethylbenzene	ND	1.0	94	98	4.2				70 - 130	30
Hexachlorobutadiene	ND	0.40	86	90	4.5				70 - 130	30
Isopropylbenzene	ND	1.0	92	99	7.3				70 - 130	30
m&p-Xylene	ND	1.0	97	102	5.0				70 - 130	30
Methyl ethyl ketone	ND	5.0	100	101	1.0				70 - 130	30
Methyl t-butyl ether (MTBE)	ND	1.0	97	101	4.0				70 - 130	30
Methylene chloride	ND	1.0	87	91	4.5				70 - 130	30
Naphthalene	ND	1.0	101	104	2.9				70 - 130	30
n-Butylbenzene	ND	1.0	93	97	4.2				70 - 130	30
n-Propylbenzene	ND	1.0	92	96	4.3				70 - 130	30
o-Xylene	ND	1.0	98	102	4.0				70 - 130	30
p-Isopropyltoluene	ND	1.0	96	99	3.1				70 - 130	30
sec-Butylbenzene	ND	1.0	90	95	5.4				70 - 130	30
Styrene	ND	1.0	101	104	2.9				70 - 130	30
tert-Butylbenzene	ND	1.0	92	97	5.3				70 - 130	30
Tetrachloroethene	ND	1.0	87	93	6.7				70 - 130	30
Tetrahydrofuran (THF)	ND	2.5	94	100	6.2				70 - 130	30
Toluene	ND	1.0	90	99	9.5				70 - 130	30
trans-1,2-Dichloroethene	ND	1.0	89	94	5.5				70 - 130	30
trans-1,3-Dichloropropene	ND	0.40	104	112	7.4				70 - 130	30
trans-1,4-dichloro-2-butene	ND	5.0	99	103	4.0				70 - 130	30
Trichloroethene	ND	1.0	90	96	6.5				70 - 130	30

## QA/QC Data

SDG I.D.: GCU53153

Parameter	BIK		LCS %	LCSD %	LCS RPD	MS %	MSD %	MS RPD	% Rec Limits	% RPD Limits	
	Blank	RL									
Trichlorofluoromethane	ND	1.0	85	90	5.7				70 - 130	30	
Trichlorotrifluoroethane	ND	1.0	89	94	5.5				70 - 130	30	
Vinyl chloride	ND	1.0	87	94	7.7				70 - 130	30	
% 1,2-dichlorobenzene-d4	101	%	99	96	3.1				70 - 130	30	
% Bromofluorobenzene	92	%	103	100	3.0				70 - 130	30	
% Dibromofluoromethane	105	%	105	99	5.9				70 - 130	30	
% Toluene-d8	101	%	100	100	0.0				70 - 130	30	
QA/QC Batch 809814 (ug/L), QC Sample No: CU53157 (CU53153 (20X) , CU53157, CU53159, CU53160, CU53161, CU53162)											
<b>Volatiles - Ground Water</b>											
1,1,1,2-Tetrachloroethane	ND	1.0	115	115	0.0	118	119	0.8	70 - 130	30	
1,1,1-Trichloroethane	ND	1.0	105	102	2.9	114	113	0.9	70 - 130	30	
1,1,2,2-Tetrachloroethane	ND	0.50	97	100	3.0	103	105	1.9	70 - 130	30	
1,1,2-Trichloroethane	ND	1.0	102	101	1.0	105	107	1.9	70 - 130	30	
1,1-Dichloroethane	ND	1.0	111	109	1.8	112	112	0.0	70 - 130	30	
1,1-Dichloroethene	ND	1.0	102	101	1.0	107	109	1.9	70 - 130	30	
1,1-Dichloropropene	ND	1.0	95	91	4.3	103	104	1.0	70 - 130	30	
1,2,3-Trichlorobenzene	ND	1.0	91	94	3.2	100	104	3.9	70 - 130	30	
1,2,3-Trichloropropane	ND	1.0	105	106	0.9	102	114	11.1	70 - 130	30	
1,2,4-Trichlorobenzene	ND	1.0	98	97	1.0	100	104	3.9	70 - 130	30	
1,2,4-Trimethylbenzene	ND	1.0	110	109	0.9	109	110	0.9	70 - 130	30	
1,2-Dibromo-3-chloropropane	ND	1.0	95	96	1.0	106	112	5.5	70 - 130	30	
1,2-Dibromoethane	ND	1.0	102	102	0.0	108	109	0.9	70 - 130	30	
1,2-Dichlorobenzene	ND	1.0	101	100	1.0	101	103	2.0	70 - 130	30	
1,2-Dichloroethane	ND	1.0	103	102	1.0	103	102	1.0	70 - 130	30	
1,2-Dichloropropane	ND	1.0	102	98	4.0	103	103	0.0	70 - 130	30	
1,3,5-Trimethylbenzene	ND	1.0	110	108	1.8	110	110	0.0	70 - 130	30	
1,3-Dichlorobenzene	ND	1.0	106	105	0.9	104	106	1.9	70 - 130	30	
1,3-Dichloropropane	ND	1.0	102	101	1.0	106	109	2.8	70 - 130	30	
1,4-Dichlorobenzene	ND	1.0	106	104	1.9	103	104	1.0	70 - 130	30	
2,2-Dichloropropane	ND	1.0	111	113	1.8	98	102	4.0	70 - 130	30	
2-Chlorotoluene	ND	1.0	108	103	4.7	105	109	3.7	70 - 130	30	
2-Hexanone	ND	5.0	83	83	0.0	99	106	6.8	70 - 130	30	
2-Isopropyltoluene	ND	1.0	108	106	1.9	109	109	0.0	70 - 130	30	
4-Chlorotoluene	ND	1.0	103	103	0.0	103	104	1.0	70 - 130	30	
4-Methyl-2-pentanone	ND	5.0	89	91	2.2	101	101	0.0	70 - 130	30	
Acetone	ND	5.0	92	95	3.2	129	130	0.8	70 - 130	30	
Acrolein	ND	5.0	112	115	2.6	112	117	4.4	70 - 130	30	
Acrylonitrile	ND	5.0	100	106	5.8	113	105	7.3	70 - 130	30	
Benzene	ND	0.70	105	104	1.0	107	108	0.9	70 - 130	30	
Bromobenzene	ND	1.0	105	103	1.9	104	104	0.0	70 - 130	30	
Bromochloromethane	ND	1.0	112	107	4.6	112	115	2.6	70 - 130	30	
Bromodichloromethane	ND	0.50	109	107	1.9	107	106	0.9	70 - 130	30	
Bromoform	ND	1.0	118	115	2.6	123	124	0.8	70 - 130	30	
Bromomethane	ND	1.0	72	73	1.4	48	58	18.9	70 - 130	30	
Carbon Disulfide	ND	1.0	107	102	4.8	110	111	0.9	70 - 130	30	
Carbon tetrachloride	ND	1.0	107	103	3.8	120	121	0.8	70 - 130	30	
Chlorobenzene	ND	1.0	104	104	0.0	108	110	1.8	70 - 130	30	
Chloroethane	ND	1.0	131	128	2.3	123	122	0.8	70 - 130	30	
Chloroform	ND	1.0	105	101	3.9	112	106	5.5	70 - 130	30	
Chloromethane	ND	1.0	103	101	2.0	105	112	6.5	70 - 130	30	
cis-1,2-Dichloroethene	ND	1.0	109	105	3.7	NC	NC	NC	70 - 130	30	
cis-1,3-Dichloropropene	ND	0.40	105	106	0.9	99	104	4.9	70 - 130	30	

QA/QC Data

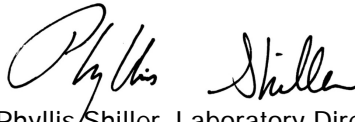
SDG I.D.: GCU53153

Parameter	Blk		LCS %	LCSD %	LCS RPD	MS %	MSD %	MS RPD	% Rec Limits	% RPD Limits
	Blank	RL								
Dibromochloromethane	ND	0.50	111	113	1.8	114	113	0.9	70 - 130	30
Dibromomethane	ND	1.0	99	101	2.0	101	104	2.9	70 - 130	30
Dichlorodifluoromethane	ND	1.0	95	93	2.1	117	117	0.0	70 - 130	30
Ethylbenzene	ND	1.0	107	107	0.0	113	112	0.9	70 - 130	30
Hexachlorobutadiene	ND	0.40	92	92	0.0	101	103	2.0	70 - 130	30
Isopropylbenzene	ND	1.0	105	103	1.9	103	105	1.9	70 - 130	30
m&p-Xylene	ND	1.0	107	107	0.0	113	114	0.9	70 - 130	30
Methyl ethyl ketone	ND	5.0	85	89	4.6	114	110	3.6	70 - 130	30
Methyl t-butyl ether (MTBE)	ND	1.0	104	105	1.0	107	107	0.0	70 - 130	30
Methylene chloride	ND	1.0	107	103	3.8	102	102	0.0	70 - 130	30
Naphthalene	ND	1.0	94	93	1.1	102	104	1.9	70 - 130	30
n-Butylbenzene	ND	1.0	104	102	1.9	107	109	1.9	70 - 130	30
n-Propylbenzene	ND	1.0	103	103	0.0	105	106	0.9	70 - 130	30
o-Xylene	ND	1.0	108	106	1.9	110	110	0.0	70 - 130	30
p-Isopropyltoluene	ND	1.0	106	104	1.9	109	110	0.9	70 - 130	30
sec-Butylbenzene	ND	1.0	101	101	0.0	107	109	1.9	70 - 130	30
Styrene	ND	1.0	111	111	0.0	114	117	2.6	70 - 130	30
tert-Butylbenzene	ND	1.0	104	103	1.0	107	109	1.9	70 - 130	30
Tetrachloroethene	ND	1.0	96	96	0.0	NC	NC	NC	70 - 130	30
Tetrahydrofuran (THF)	ND	2.5	93	89	4.4	114	107	6.3	70 - 130	30
Toluene	ND	1.0	103	102	1.0	106	106	0.0	70 - 130	30
trans-1,2-Dichloroethene	ND	1.0	106	103	2.9	110	108	1.8	70 - 130	30
trans-1,3-Dichloropropene	ND	0.40	116	113	2.6	111	114	2.7	70 - 130	30
trans-1,4-dichloro-2-butene	ND	5.0	98	111	12.4	113	107	5.5	70 - 130	30
Trichloroethene	ND	1.0	106	103	2.9	NC	NC	NC	70 - 130	30
Trichlorofluoromethane	ND	1.0	102	100	2.0	123	121	1.6	70 - 130	30
Trichlorotrifluoroethane	ND	1.0	101	96	5.1	122	121	0.8	70 - 130	30
Vinyl chloride	ND	1.0	103	102	1.0	NC	NC	NC	70 - 130	30
% 1,2-dichlorobenzene-d4	106	%	100	98	2.0	100	97	3.0	70 - 130	30
% Bromofluorobenzene	89	%	101	100	1.0	103	103	0.0	70 - 130	30
% Dibromofluoromethane	99	%	97	89	8.6	95	96	1.0	70 - 130	30
% Toluene-d8	103	%	98	97	1.0	96	96	0.0	70 - 130	30

l = This parameter is outside laboratory LCS/LCSD specified recovery limits.  
m = This parameter is outside laboratory MS/MSD specified recovery limits.

If there are any questions regarding this data, please call Phoenix Client Services at extension 200.

- RPD - Relative Percent Difference
- LCS - Laboratory Control Sample
- LCSD - Laboratory Control Sample Duplicate
- MS - Matrix Spike
- MS Dup - Matrix Spike Duplicate
- NC - No Criteria
- Intf - Interference
- (ISO) - Isotope Dilution

  
Phyllis Shiller, Laboratory Director  
October 27, 2025

# Sample Criteria Exceedances Report

## GCU53153 - HENNESSY

SampNo	Acode	Phoenix Analyte	Criteria	Result	RL	Criteria	RL Criteria	Analysis Units
CU53153	\$8260DP25R	trans-1,2-Dichloroethene	NY / TAGM - Volatile Organics / Groundwater Standards	16	5.0	5	5	ug/L
CU53153	\$8260DP25R	Naphthalene	NY / TAGM - Volatile Organics / Groundwater Standards	ND	10	5	5	ug/L
CU53153	\$8260DP25R	Vinyl chloride	NY / TAGM - Volatile Organics / Groundwater Standards	150	20	2	2	ug/L
CU53153	\$8260DP25R	1,2-Dichlorobenzene	NY / TAGM - Volatile Organics / Groundwater Standards	ND	5.0	4.7	4.7	ug/L
CU53153	\$8260DP25R	1,2-Dichloroethane	NY / TAGM - Volatile Organics / Groundwater Standards	ND	10	5	5	ug/L
CU53153	\$8260DP25R	Tetrachloroethene	NY / TAGM - Volatile Organics / Groundwater Standards	2300	100	5	5	ug/L
CU53153	\$8260DP25R	Trichloroethene	NY / TAGM - Volatile Organics / Groundwater Standards	930	100	5	5	ug/L
CU53153	\$8260DP25R	Benzene	NY / TAGM - Volatile Organics / Groundwater Standards	ND	5.0	0.7	0.7	ug/L
CU53153	\$8260DP25R	Methylene chloride	NY / TAGM - Volatile Organics / Groundwater Standards	ND	10	5	5	ug/L
CU53153	\$8260DP25R	Methylene chloride	NY / TOGS - Water Quality / GA Criteria	ND	10	5	5	ug/L
CU53153	\$8260DP25R	Tetrachloroethene	NY / TOGS - Water Quality / GA Criteria	2300	100	5	5	ug/L
CU53153	\$8260DP25R	trans-1,3-Dichloropropene	NY / TOGS - Water Quality / GA Criteria	ND	5.0	0.4	0.4	ug/L
CU53153	\$8260DP25R	Trichloroethene	NY / TOGS - Water Quality / GA Criteria	930	100	5	5	ug/L
CU53153	\$8260DP25R	Vinyl chloride	NY / TOGS - Water Quality / GA Criteria	150	20	2	2	ug/L
CU53153	\$8260DP25R	1,1,2-Trichloroethane	NY / TOGS - Water Quality / GA Criteria	ND	5.0	1	1	ug/L
CU53153	\$8260DP25R	trans-1,2-Dichloroethene	NY / TOGS - Water Quality / GA Criteria	16	5.0	5	5	ug/L
CU53153	\$8260DP25R	1,2-Dichloroethane	NY / TOGS - Water Quality / GA Criteria	ND	10	0.6	0.6	ug/L
CU53153	\$8260DP25R	trans-1,4-dichloro-2-butene	NY / TOGS - Water Quality / GA Criteria	ND	50	5	5	ug/L
CU53153	\$8260DP25R	Hexachlorobutadiene	NY / TOGS - Water Quality / GA Criteria	ND	4.0	0.5	0.5	ug/L
CU53153	\$8260DP25R	1,2-Dibromoethane	NY / TOGS - Water Quality / GA Criteria	ND	5.0	0.0006	0.0006	ug/L
CU53153	\$8260DP25R	1,2,3-Trichloropropane	NY / TOGS - Water Quality / GA Criteria	ND	5.0	0.04	0.04	ug/L
CU53153	\$8260DP25R	1,2-Dichloropropane	NY / TOGS - Water Quality / GA Criteria	ND	5.0	1	1	ug/L
CU53153	\$8260DP25R	1,3-Dichlorobenzene	NY / TOGS - Water Quality / GA Criteria	ND	5.0	3	3	ug/L
CU53153	\$8260DP25R	cis-1,2-Dichloroethene	NY / TOGS - Water Quality / GA Criteria	1500	100	5	5	ug/L
CU53153	\$8260DP25R	Acrylonitrile	NY / TOGS - Water Quality / GA Criteria	ND	10	5	5	ug/L
CU53153	\$8260DP25R	Benzene	NY / TOGS - Water Quality / GA Criteria	ND	5.0	1	1	ug/L
CU53153	\$8260DP25R	Bromomethane	NY / TOGS - Water Quality / GA Criteria	ND	10	5	5	ug/L
CU53153	\$8260DP25R	Acrolein	NY / TOGS - Water Quality / GA Criteria	ND	50	5	5	ug/L
CU53153	\$8260DP25R	1,2-Dibromo-3-chloropropane	NY / TOGS - Water Quality / GA Criteria	ND	10	0.04	0.04	ug/L
CU53153	\$8260DP25R	cis-1,3-Dichloropropene	NY / TOGS - Water Quality / GA Criteria	ND	5.0	0.4	0.4	ug/L
CU53154	\$8260DP25R	Vinyl chloride	NY / TAGM - Volatile Organics / Groundwater Standards	120	10	2	2	ug/L
CU53154	\$8260DP25R	Tetrachloroethene	NY / TAGM - Volatile Organics / Groundwater Standards	2000	100	5	5	ug/L
CU53154	\$8260DP25R	Trichloroethene	NY / TAGM - Volatile Organics / Groundwater Standards	810	100	5	5	ug/L
CU53154	\$8260DP25R	Benzene	NY / TAGM - Volatile Organics / Groundwater Standards	ND	2.5	0.7	0.7	ug/L
CU53154	\$8260DP25R	trans-1,2-Dichloroethene	NY / TAGM - Volatile Organics / Groundwater Standards	11	5.0	5	5	ug/L
CU53154	\$8260DP25R	Tetrachloroethene	NY / TOGS - Water Quality / GA Criteria	2000	100	5	5	ug/L
CU53154	\$8260DP25R	trans-1,2-Dichloroethene	NY / TOGS - Water Quality / GA Criteria	11	5.0	5	5	ug/L
CU53154	\$8260DP25R	trans-1,4-dichloro-2-butene	NY / TOGS - Water Quality / GA Criteria	ND	25	5	5	ug/L
CU53154	\$8260DP25R	Hexachlorobutadiene	NY / TOGS - Water Quality / GA Criteria	ND	2.0	0.5	0.5	ug/L
CU53154	\$8260DP25R	1,2-Dibromo-3-chloropropane	NY / TOGS - Water Quality / GA Criteria	ND	5.0	0.04	0.04	ug/L
CU53154	\$8260DP25R	trans-1,3-Dichloropropene	NY / TOGS - Water Quality / GA Criteria	ND	2.5	0.4	0.4	ug/L

Monday, October 27, 2025

Criteria: NY: GW

State: NY

# Sample Criteria Exceedances Report

GCU53153 - HENNESSY

SampNo	Acode	Phoenix Analyte	Criteria	Result	RL	Criteria	RL Criteria	Analysis Units
CU53154	\$8260DP25R	cis-1,3-Dichloropropene	NY / TOGS - Water Quality / GA Criteria	ND	2.5	0.4	0.4	ug/L
CU53154	\$8260DP25R	cis-1,2-Dichloroethene	NY / TOGS - Water Quality / GA Criteria	1300	100	5	5	ug/L
CU53154	\$8260DP25R	Benzene	NY / TOGS - Water Quality / GA Criteria	ND	2.5	1	1	ug/L
CU53154	\$8260DP25R	Acrolein	NY / TOGS - Water Quality / GA Criteria	ND	25	5	5	ug/L
CU53154	\$8260DP25R	1,2-Dichloropropane	NY / TOGS - Water Quality / GA Criteria	ND	2.5	1	1	ug/L
CU53154	\$8260DP25R	1,2-Dibromoethane	NY / TOGS - Water Quality / GA Criteria	ND	2.5	0.0006	0.0006	ug/L
CU53154	\$8260DP25R	1,2,3-Trichloropropane	NY / TOGS - Water Quality / GA Criteria	ND	2.5	0.04	0.04	ug/L
CU53154	\$8260DP25R	1,1,2-Trichloroethane	NY / TOGS - Water Quality / GA Criteria	ND	2.5	1	1	ug/L
CU53154	\$8260DP25R	Vinyl chloride	NY / TOGS - Water Quality / GA Criteria	120	10	2	2	ug/L
CU53154	\$8260DP25R	1,2-Dichloroethane	NY / TOGS - Water Quality / GA Criteria	ND	5.0	0.6	0.6	ug/L
CU53154	\$8260DP25R	Trichloroethene	NY / TOGS - Water Quality / GA Criteria	810	100	5	5	ug/L
CU53155	\$8260DP25R	1,2,3-Trichloropropane	NY / TOGS - Water Quality / GA Criteria	ND	0.25	0.04	0.04	ug/L
CU53155	\$8260DP25R	1,2-Dibromo-3-chloropropane	NY / TOGS - Water Quality / GA Criteria	ND	0.50	0.04	0.04	ug/L
CU53155	\$8260DP25R	1,2-Dibromoethane	NY / TOGS - Water Quality / GA Criteria	ND	0.25	0.0006	0.0006	ug/L
CU53156	\$8260DP25R	1,2,3-Trichloropropane	NY / TOGS - Water Quality / GA Criteria	ND	0.25	0.04	0.04	ug/L
CU53156	\$8260DP25R	1,2-Dibromo-3-chloropropane	NY / TOGS - Water Quality / GA Criteria	ND	0.50	0.04	0.04	ug/L
CU53156	\$8260DP25R	1,2-Dibromoethane	NY / TOGS - Water Quality / GA Criteria	ND	0.25	0.0006	0.0006	ug/L
CU53157	\$8260DP25R	Trichloroethene	NY / TAGM - Volatile Organics / Groundwater Standards	58	5.0	5	5	ug/L
CU53157	\$8260DP25R	Vinyl chloride	NY / TAGM - Volatile Organics / Groundwater Standards	95	5.0	2	2	ug/L
CU53157	\$8260DP25R	Tetrachloroethene	NY / TAGM - Volatile Organics / Groundwater Standards	59	5.0	5	5	ug/L
CU53157	\$8260DP25R	trans-1,2-Dichloroethene	NY / TAGM - Volatile Organics / Groundwater Standards	6.6	5.0	5	5	ug/L
CU53157	\$8260DP25R	Vinyl chloride	NY / TOGS - Water Quality / GA Criteria	95	5.0	2	2	ug/L
CU53157	\$8260DP25R	trans-1,2-Dichloroethene	NY / TOGS - Water Quality / GA Criteria	6.6	5.0	5	5	ug/L
CU53157	\$8260DP25R	1,2,3-Trichloropropane	NY / TOGS - Water Quality / GA Criteria	ND	0.25	0.04	0.04	ug/L
CU53157	\$8260DP25R	cis-1,2-Dichloroethene	NY / TOGS - Water Quality / GA Criteria	540	50	5	5	ug/L
CU53157	\$8260DP25R	1,2-Dibromoethane	NY / TOGS - Water Quality / GA Criteria	ND	0.25	0.0006	0.0006	ug/L
CU53157	\$8260DP25R	1,2-Dibromo-3-chloropropane	NY / TOGS - Water Quality / GA Criteria	ND	0.50	0.04	0.04	ug/L
CU53157	\$8260DP25R	Trichloroethene	NY / TOGS - Water Quality / GA Criteria	58	5.0	5	5	ug/L
CU53157	\$8260DP25R	Tetrachloroethene	NY / TOGS - Water Quality / GA Criteria	59	5.0	5	5	ug/L
CU53158	\$8260DP25R	1,2-Dibromo-3-chloropropane	NY / TOGS - Water Quality / GA Criteria	ND	1.0	0.04	0.04	ug/L
CU53158	\$8260DP25R	cis-1,3-Dichloropropene	NY / TOGS - Water Quality / GA Criteria	ND	0.50	0.4	0.4	ug/L
CU53158	\$8260DP25R	1,2-Dibromoethane	NY / TOGS - Water Quality / GA Criteria	ND	0.50	0.0006	0.0006	ug/L
CU53158	\$8260DP25R	1,2,3-Trichloropropane	NY / TOGS - Water Quality / GA Criteria	ND	0.50	0.04	0.04	ug/L
CU53158	\$8260DP25R	trans-1,3-Dichloropropene	NY / TOGS - Water Quality / GA Criteria	ND	0.50	0.4	0.4	ug/L
CU53158	\$8260DP25R	1,2-Dichloroethane	NY / TOGS - Water Quality / GA Criteria	ND	1.0	0.6	0.6	ug/L
CU53159	\$8260DP25R	Tetrachloroethene	NY / TAGM - Volatile Organics / Groundwater Standards	11	1.0	5	5	ug/L
CU53159	\$8260DP25R	Vinyl chloride	NY / TAGM - Volatile Organics / Groundwater Standards	44	5.0	2	2	ug/L
CU53159	\$8260DP25R	Trichloroethene	NY / TAGM - Volatile Organics / Groundwater Standards	14	1.0	5	5	ug/L

# Sample Criteria Exceedances Report

## GCU53153 - HENNESSY

SampNo	Acode	Phoenix Analyte	Criteria	Result	RL	Criteria	RL Criteria	Analysis Units
CU53159	\$8260DP25R	Vinyl chloride	NY / TOGS - Water Quality / GA Criteria	44	5.0	2	2	ug/L
CU53159	\$8260DP25R	Trichloroethene	NY / TOGS - Water Quality / GA Criteria	14	1.0	5	5	ug/L
CU53159	\$8260DP25R	cis-1,2-Dichloroethene	NY / TOGS - Water Quality / GA Criteria	180	20	5	5	ug/L
CU53159	\$8260DP25R	1,2-Dibromoethane	NY / TOGS - Water Quality / GA Criteria	ND	0.25	0.0006	0.0006	ug/L
CU53159	\$8260DP25R	1,2,3-Trichloropropane	NY / TOGS - Water Quality / GA Criteria	ND	0.25	0.04	0.04	ug/L
CU53159	\$8260DP25R	1,2-Dibromo-3-chloropropane	NY / TOGS - Water Quality / GA Criteria	ND	0.50	0.04	0.04	ug/L
CU53159	\$8260DP25R	Tetrachloroethene	NY / TOGS - Water Quality / GA Criteria	11	1.0	5	5	ug/L
CU53160	\$8260DP25R	Tetrachloroethene	NY / TAGM - Volatile Organics / Groundwater Standards	21	1.0	5	5	ug/L
CU53160	\$8260DP25R	Vinyl chloride	NY / TAGM - Volatile Organics / Groundwater Standards	8.6	1.0	2	2	ug/L
CU53160	\$8260DP25R	Trichloroethene	NY / TAGM - Volatile Organics / Groundwater Standards	9.2	1.0	5	5	ug/L
CU53160	\$8260DP25R	cis-1,2-Dichloroethene	NY / TOGS - Water Quality / GA Criteria	43	5.0	5	5	ug/L
CU53160	\$8260DP25R	1,2-Dibromoethane	NY / TOGS - Water Quality / GA Criteria	ND	0.25	0.0006	0.0006	ug/L
CU53160	\$8260DP25R	1,2-Dibromo-3-chloropropane	NY / TOGS - Water Quality / GA Criteria	ND	0.50	0.04	0.04	ug/L
CU53160	\$8260DP25R	1,2,3-Trichloropropane	NY / TOGS - Water Quality / GA Criteria	ND	0.25	0.04	0.04	ug/L
CU53160	\$8260DP25R	Trichloroethene	NY / TOGS - Water Quality / GA Criteria	9.2	1.0	5	5	ug/L
CU53160	\$8260DP25R	Vinyl chloride	NY / TOGS - Water Quality / GA Criteria	8.6	1.0	2	2	ug/L
CU53160	\$8260DP25R	Tetrachloroethene	NY / TOGS - Water Quality / GA Criteria	21	1.0	5	5	ug/L
CU53161	\$8260DP25R	1,2,3-Trichloropropane	NY / TOGS - Water Quality / GA Criteria	ND	0.25	0.04	0.04	ug/L
CU53161	\$8260DP25R	1,2-Dibromo-3-chloropropane	NY / TOGS - Water Quality / GA Criteria	ND	0.50	0.04	0.04	ug/L
CU53161	\$8260DP25R	1,2-Dibromoethane	NY / TOGS - Water Quality / GA Criteria	ND	0.25	0.0006	0.0006	ug/L
CU53162	\$8260DP25R	1,2-Dibromoethane	NY / TOGS - Water Quality / GA Criteria	ND	0.25	0.0006	0.0006	ug/L
CU53162	\$8260DP25R	1,2,3-Trichloropropane	NY / TOGS - Water Quality / GA Criteria	ND	0.25	0.04	0.04	ug/L
CU53162	\$8260DP25R	1,2-Dibromo-3-chloropropane	NY / TOGS - Water Quality / GA Criteria	ND	0.50	0.04	0.04	ug/L

Phoenix Laboratories does not assume responsibility for the data contained in this exceedance report. It is provided as an additional tool to identify requested criteria exceedences. All efforts are made to ensure the accuracy of the data (obtained from appropriate agencies). A lack of exceedence information does not necessarily suggest conformance to the criteria. It is ultimately the site professional's responsibility to determine appropriate compliance.



**Environmental Laboratories, Inc.**  
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045  
Tel. (860) 645-1102 Fax (860) 645-0823



# NY Temperature Narration

October 27, 2025

SDG I.D.: GCU53153

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The samples in this delivery group were received at 1.6°C.  
(Note acceptance criteria for relevant matrices is above freezing up to 6°C)

**NY/NJ/PA CHAIN OF CUSTODY RECORD**



587 East Middle Turnpike, P.O. Box 370, Manchester, CT 06040  
 Email: Makrina Noian, makrina@phoenixlabs.com Fax (860) 645-0823  
 Client Services (860) 645-1102

Coolant: Yes  No   
 IPK  ACE  No   
 Temp: 0 C Pg of 1

Contact Options:  
 Phone:  
 Fax:  
 Email: Bill.Hennessy@phoenixlabs.com  
Bill.Hennessy@phoenixlabs.com

Project P.O.: Farmer Delmar Roxy Cleaners

Report to: Bill Hennessy  
 Invoice to: Bill Hennessy/Hennessy Engineering  
 QUOTE # : \_\_\_\_\_

Customer: Hennessy Engineering  
 Address: PO Box 118 Voorheesville NY 12186

Sampler's Signature: [Signature] Date: 10-16-25  
 Matrix Code: CURTIS CAPPELLANO  
 DW=Drinking Water GW=Ground Water SW=Surface Water WW=Waste Water  
 RW=Raw Water SE=Sediment SL=Sludge S=Soil SD=Solid W=Wipe OIL=Oil  
 B=Bulk L=Liquid

Client Sample - Information - Identification  
 Customer Sample Identification: \_\_\_\_\_ Date: \_\_\_\_\_  
 Sample Matrix: \_\_\_\_\_ Date: \_\_\_\_\_

PHOENIX USE ONLY	SAMPLE #	Customer Sample Identification	Sample Matrix	Date Sampled	Time Sampled
	S31S3	MW-1	GW	10-16-24	3:05
	S31S4	MW-1, DUP	GW	10-16	3:20
	S31S5	M-2R	GW	10-16	2:45
	S31S6	MW-2DR	GW	10-16	2:40
	S31S7	MW-3	GW	10-16	3:50
	S31S8	MW-4	GW	10-16	2:10
	S31S9	MW-5	GW	10-16	4:15
	S31C0	MW-6	GW	10-16	3:35
	S31G1	Field Blank	---	10-16	4:30
	S31G2	Trip Blank	---	10-16	---

Analysis Request: EMM 10/16/25  
 (see lab at analysis unit for details)

Relinquished by: [Signature] Date: 10/17/25  
 Accepted by: [Signature] Date: 10/17/25  
 Comments: Special Requirements or Regulations:  
 Data Format:  Phoenix Std Report  EQUIS  NJ Hazsite EDD  
 Excel  PDF  NY EZ EDD (ASP)  Other  
AS TB DATE 10/16/25  
 \*MS/MSD are considered site samples and will be billed as such in accordance with the prices quoted.

Analysis Request	GL Amber 8 oz [1] W/ PO [1] MARS 4	GL Amber 100ml [1] AS 16 [1] H 20	GL Amber 100ml [1] AS 16 [1] H 20	GL Amber 100ml [1] AS 16 [1] H 20	PL 1/4 SO [1] 250ml [1] 500ml	PL 1/4 SO [1] 250ml [1] 500ml	PL 1/4 SO [1] 250ml [1] 500ml	Bacteriologic Media
3								
3								
3								
3								
3								
3								
3								
3								
2								
2								

PA Clean Fill Limits   
 PA-GW   
 Reg Fill Limits   
 PA Soil Restricted   
 PA Soil non-restricted   
 State Samples Collected? NY

NY TOGS GW   
 CP-51 SOIL   
 375SCO   
 Unrestricted Soil   
 375SCO   
 Residential Soil   
 375SCO   
 Residential   
 Restricted Soil   
 375SCO   
 Commercial Soil   
 375SCO   
 Industrial Soil   
 Support 5 DW

Res. Criteria   
 Non-Res. Criteria   
 Impact to GW Soil Cleanup Criteria   
 Impact to GW soil screen Criteria   
 GW Criteria   
 Turnaround:  1 Day\*  2 Days\*  3 Days\*  4 Days\*  5 Days\*  STANDARD APPLIES  
 \*SURCHARGE APPLIES  
 Data Package:  NJ Reduced Deliv. \*  Other  NY Enhanced (ASP B) \*