

PERIODIC REVIEW REPORT

PRR period of January 17, 2021 to January 16, 2024

FORMER ROXY CLEANERS SITE

**156 Delaware Avenue
Delmar, NY 12054**

NYSDEC SITE NO.: 401058



PREPARED FOR:

**NEW YORK STATE DEPARTMENT OF
ENVIRONMENTAL CONSERVATION
DIVISION OF ENVIRONMENTAL
REMEDIATION
625 BROADWAY, 12TH FLOOR
ALBANY, NY 12233**

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February 15, 2024
Revised October, 2024

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EXECUTIVE SUMMARY

This Periodic Review Report document provides a written synopsis of work, during the PRR period of January 17, 2021 to January 16, 2024, and its effects on environmental compliance at the Former Roxy Cleaners Inactive Hazardous Waste Disposal Site. Site investigation and remediation is conducted in accordance with the 2016 Site Management Plan (SMP) prepared by CDM Smith, as well as administration provided by the New York State Department of Environmental Conservation (NYSDEC or Department).

1.1 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 former dry cleaning operation reportedly resulted in contamination of soil and groundwater due to Chlorinated Volatile Organic Compounds (CVOCs). The former Dry cleaner building was razed in December, 2014 and soil excavation/removal was completed in 2016. After soil removal, in-situ chemical oxidation was deployed in the excavation and backfill. The new soil cover system included compounds to induce chemical oxidation and reduce contamination in the soil and groundwater.

A subslab depressurization system (SSDS) was installed at the rear of 154 Delaware. The SSDS intends to depressurize the space beneath the concrete slab relative to the pressure of the indoor air. This generates a relative vacuum which limits vapors from migrating into the building through potential cracks or gaps in the floor. The SSDS remains in operation as of the date of this report.

1.2 Effectiveness and Compliance

The 2016 SMP describes Engineering and Institutional Controls, Site Monitoring requirements, and an Operation and Maintenance Plan. Compliance with the remedial goals was demonstrated during the Period though site monitoring and operation & maintenance.

- In a February 11, 2022, the Department indicated a reduction in groundwater sampling was allowed by determining biannual sampling was not required and only annual sampling was required during the annual reporting period.

- Reports were prepared to include results and site information from the following sampling dates:
 - July 1, 2021
 - December 8 2021
 - December 15, 2022
 - October 17, 2023
- No significant site changes were observed to occur over the period of this PRR, including grading, paving, or construction.
- Healthy Pet Center, a pet supply store and a dog rescue shelter, was the main building tenancy at the remaining site structure throughout the PRR period. The dog rescue shelter occupies much of the space above the subslab depressurization system.

1.2.1 Engineering Controls

The sub-slab depressurization system includes one suction point below the basement building slab. It appeared to operate satisfactorily during the reporting period, except for damage and replacement of the manometer as described in this report. No obvious wear was observed during site inspections or review.

1.2.2 Institutional Controls

Institutional controls implemented as part of the ROD include limiting use and development of the property, compliance with the approved Site Management Plan, and restricting uses of groundwater as a source of water. No significant change in site or potable water use occurred since 2021 and thus compliance with these controls was satisfied.

1.2.3 Monitoring and Operation & Maintenance

Groundwater monitoring was completed at the site. Results were generally consistent with prior years, however MW-1 (which is located within an area of contamination left behind from the remedial action) fluctuated significantly over the period.

1.3 Recommendations

- Concentrations of contaminants in groundwater indicate the continued need for operation of the implemented Engineering /Institutional Controls at the site.
- However, annual sampling does appear to be necessary based on sampling results over the Period.
- Diminishing readings on the manometer indicate potential loss of vacuum under the building, equipment problems, or similar concerns. Further investigation is warranted to determine the cause. The inline fan and tubing components should be checked as appropriate.

SITE OVERVIEW

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.

The Property is on which the site is located is 1.1 acres and is known as Albany County Tax Parcel 86.10-02-01. Figure 2 is a Parcel Map obtained from the Albany County Graphic Information System. The Site, more fully described in Section 3.0, is the north portion of the parcel. This is depicted on Figure 3, an excerpt from the August 6, 2010 Boundary Survey by C.T. Male Associates, P.C.

According to the Record of Decision, the site was originally developed as a bus depot until circa late 1950s or early 1960s. After the bus depot, the site was a Roxy Cleaners dry cleaning facility 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), cis-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.
- 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 prepared by CDM Smith are attached in report Figures. These figures indicate groundwater generally flows easterly and southerly from the site.

The soil cover system was clean fill over backfill amended with Daramend®, a dry powder that contains controlled-release carbon, zero valent iron particles and nutrients to encourage chemical oxidation of Chlorinated Volatile Organic Compounds (CVOCs). The Daramend® layer was installed below the groundwater table within the excavation, intending to become saturated to induce oxidation.

The SSDS intends to depressurize the space beneath the concrete slab relative to the pressure of the indoor air. This generates a relative vacuum which limits vapors from migrating into the building through potential cracks or gaps in the floor. The SSDS remains in operation as of the date of this report.

3.0 EC/IC Environmental Easement Area

Section 2.1 of the Site Management Plan states ...” *The Site is located on a 1.1-acre area and is bounded by Delaware Ave to the north, ...The boundaries of the Site are more fully described in **Appendix X** – EE of the FER.* The area of the site is approximately 12,143 SF per the Environmental Easement description in Appendix X of the Final Engineering Report:

County: Albany Site No: 401058 Order on Consent Index : A4-0840-14-10

SCHEDULE “A” PROPERTY DESCRIPTION

ENVIRONMENTAL EASEMENT DESCRIPTION

All that certain tract, piece or parcel of land situate in the Town of Bethlehem, County of Albany, State of New York, lying Southerly of Delaware Avenue, and being more particularly bounded and described as follows:

BEGINNING at the point of intersection of the division line between the lands now or formerly of A Lot in Delmar, Inc. as described in Book 2525 of Deeds at Page 531 and Book 2525 of Deeds at Page 535 on the East and the lands now or formerly of the City of Albany (water line right-of-way) on the West with the Southerly 1995 highway boundary of Delaware Avenue (Delaware Turnpike, Part 2 (S.H. No. 41) and runs thence from said point of beginning along said 1995 highway boundary the following two (2) courses:

- (1) North 74 deg. 05 min. 42 sec. East 67.51 feet to a point; and
- (2) North 73 deg. 08 min. 41 sec. East 0.97 feet to a point;

Thence through the lands now or formerly of A Lot in Delmar, Inc. the following two (2) courses:

- (1) South 01 deg. 06 min. 52 sec. West 197.12 feet to a point; and
- (2) North 89 deg. 19 min. 49 sec. West 64.10 feet to its point of intersection with the above first mentioned division line;

Thence along said above first mentioned division line North 00 deg. 40 min. 11 sec. East 177.56 feet to the point or place of beginning and containing 12,143± square feet or 0.28 acre of land, more or less.

4.0 EC/IC Compliance and Evaluation of performance, effectiveness, and protectiveness

Engineering controls on the site are:

- sub slab depressurization system at the adjoining building at 154 Delaware.

Institutional Control on the site is agreement to the Environmental Easement to:

- Limit the use and development of the property to restricted residential use, which would also permit commercial or industrial uses;
- Require compliance with the approved Site Management Plan;
- Restrict the uses of groundwater as a source of potable or process water, without necessary water quality treatment as determined by the NYSDOH;

4.1 Sub slab depressurization system (SSDS)

In 2016, a sub-slab depressurization system with one suction point was installed to create a negative pressure gradient between the basement and the area beneath the building slab. Vapor from beneath the slab is vented above the roofline of the 154 Delaware Building. (See CDM Smith Figure 2-5).

The manometer was accidentally broken by the Healthy Pet Center Cleaners in June 2021 and the tube was taped to maintain vacuum. William Hennessy visited the site June 28, 2021 to inspect and confirmed no impact to the system occurred. A new manometer was ordered and installed August 27, 2021. It immediately read 1.9" WC, thus documenting negative pressure exists under the slab inhibiting any residual vapors from migrating into the above grade building.

- August 24, 2021: manometer read 1.9" WC
- December 8, 2021: manometer read 2.1" WC
- December 15, 2022: manometer read 1.9" WC
- October 19, 2023: manometer read 1.74" WC



Aug. 24, 2021



Dec. 8, 2021



Dec. 15, 2022



Oct. 19, 2023

The diminishing readings on the manometer indicate potential loss of vacuum under the building, equipment problems, or similar concerns. Further investigation is warranted to determine the cause. The inline fan and tubing components should be checked as appropriate.

4.2 Institutional controls

Institutional Control on the site is current as described below:

Limit the use and development of the property to restricted residential use, which would also permit commercial or industrial uses;

The site is currently vacant and partially used for automobile parking.

4.2.1 *Require compliance with the approved Site Management Plan;*

Periodic monitoring and reporting is conducted at the site in compliance with this periodic review report and the site management plan.

4.2.2 *Restrict the uses of groundwater as a source of potable or process water, without necessary water quality treatment as determined by the NYSDOH;*

Since the site is currently vacant, no water service is required. Public water is currently provided to the adjoining 154 Delaware building.

5.0 MONITORING/OPERATION & MAINTENANCE

Site Monitoring is 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.

As described in the Site Management Plan and the table below, routine monitoring of the remedy is required.

Monitoring Program	Frequency	Matrix	Analysis
SSDS	Semi-annual monitoring	Vacuum maintained under the basement slab of 156 Delaware Avenue	Measurement of SSDS vacuum, using manometer
Groundwater	Semi-annual monitoring	Groundwater in the monitoring wells, (subject to adjustment by the NYSDEC)	VOCs by EPA Method 8260C
General System Piping & Fittings	Annual monitoring	N/A	Visual
Inline Fan	Semi-annual monitoring	>0-1.7" WC	Gage pressure

5.1 SSDS Monitoring

Hennessy Engineering provides the SSDS Monitoring. The manometer is located in the rescue dog area in the Healthy Pet Center, 154 Delaware Avenue. After the original manometer was broke and replaced in 2021, diminishing readings have been recorded. This may indicate potential loss of vacuum under the building, equipment problems, or similar concerns. Further investigation is warranted to determine the cause.

5.2 Groundwater Monitoring

The Department reduced biannual sampling to annual sampling per letter of February 11, 2022. This effort monitors levels of chlorinated VOCs and tracks effectiveness of the Daramend application.

5.2.1 Groundwater elevations and sampling.

Groundwater monitoring activity typically includes water level measurements, monitoring well inspection, and groundwater sampling. Groundwater sample collection was sampling and purging by bailer per Section 3 of the Quality Assurance Plan. In addition to determining the depth to groundwater, select monitoring wells were purged of a minimum of three well volumes by bailing, allowed to re-charge to equilibration, and sampled.

The Site surface is generally flat at approximately 204 feet above mean sea level. According to the SMP, groundwater was approximately 3-4 feet below grade during the Remedial Investigation circa 2011. Groundwater contour maps indicated there likely is a groundwater mound near the center of the site with groundwater flowing both northwest and southeast from the mound,

Groundwater elevations are included in the tables below as well as in the Site Plan/GW Contour maps in the Figures. While fluctuating approximately 0-2' since the remedial action (2016), groundwater flow patterns remained generally consistent during this period (2021-9023).

All samples were obtained by aseptic techniques, secured in clean laboratory supplied glassware, labeled, and placed on iced storage for subsequent submission under chain of custody to New York ELAP certified analytical laboratories. Samples from each monitoring well were analyzed via EPA Method 8260C.

2021

Sampling Subcontractor: Precision Environmental

Analytical Laboratory: Alpha Analytical

7/8/2021

MONITORING WELLS (Conc. In µg/L)

	<u>2R</u>	<u>2DR</u>	<u>1</u>	<u>3</u>	<u>4</u>	<u>5</u>	<u>6</u>
cis-DCE	ND	ND	2,100	600	ND	20	18
TCE	ND	ND	1,500	110	ND	0.77	0.18J
PCE	ND	ND	4,500	99	ND	0.64	ND
V. Chloride	0.11J	0.11J	320	220	ND	13	3.2
GW Elev. ¹	202.81	195.53	199.85	199.74	199.82	199.19	200.25

2021

Sampling Subcontractor: Precision Environmental

Analytical Laboratory: Alpha Analytical

12/8/2021

MONITORING WELLS (Conc. In µg/L)

	<u>2R</u>	<u>2DR</u>	<u>1</u>	<u>3</u>	<u>4</u>	<u>5</u>	<u>6</u>
cis-DCE	ND	ND	2,200	880	ND	29	31
TCE	ND	ND	1,600	190	ND	0.99	0.42J
PCE	ND	0.37J	4,400	180	ND	1.1	ND
V. Chloride	0.08J	ND	290	320	ND	14	3
GW Elev. ¹	201.81	195.21	199.8	199.62	199.12	199.62	200.72

2022

Sampling Subcontractor: Precision Environmental
Analytical Laboratory: Phoenix Environmental Laboratories

12/15/2022

MONITORING WELLS (µg/L)

	<u>2R</u>	<u>2DR</u>	<u>1</u>	<u>3</u>	<u>4</u>	<u>5</u>	<u>6</u>
cis-DCE	ND	ND	1,900	580	ND	27	27
TCE	ND	ND	1,400	100	ND	ND	ND
PCE	ND	ND	3,600	61	ND	ND	ND
V. Chloride	ND	ND	250	200	ND	8.4	5.2
GW Elev. ¹	202.62	197.4	201.7	200.41	200.06	200.07	200.71

2023

Sampling Subcontractor: Angstrom Environmental
Analytical Laboratory: Phoenix Environmental Laboratories

10/17/2023

MONITORING WELLS (µg/L)

	<u>2R</u>	<u>2DR</u>	<u>1</u>	<u>3</u>	<u>4</u>	<u>5</u>	<u>6</u>
cis-DCE	ND	ND	2800	1100	ND	24	34
TCE	ND	ND	2200	180	ND	ND	ND
PCE	ND	ND	5900	140	ND	1.5	ND
V. Chloride	ND	ND	380	330	ND	8.5	7.3
GW Elev. ¹	202.32	195.56	200.16	200.45	200.23	199.82	200.59

GW Elev.¹ Groundwater Elevation in feet above mean sea level.

Per the tables, constituents of concern, including PCE and its daughter compounds, fluctuated over the Period. Based on the historical groundwater maps of the site, groundwater generally flows southerly and easterly.

- A Groundwater interpretation map and Contamination interpretation map are provided in the Figures. In consideration of these 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 can be expected based on this information.
- The Tables after this report present all analyte results for all collected samples.

During this Period (2021-2023) and in the area of the remedy, there were no detections of COCs above Method Detection Limits in MW 2R and MW 2DR other than

estimated quantities. MW-1 results clearly fluctuated significantly, while downstream wells 3, 5 and 6 have remained relatively consistent. Plowed snow from nearby Delaware Plaza historically was relocated to the vacant land adjacent to and south of MW-1. While the owner requested the snow plow company to stop this activity, a minor amount of plowed snow was still observed near MW-1 during the December 15, 2022 sampling event, possibly affecting the shallow groundwater flow in this area.

A site meeting was held May 31, 2022 (which included the owner, NYSDEC representatives and TRC representatives) to review site progress and potential migration of contaminants off site. No additional work was determined to be needed at that time and continued monitoring was the resultant decision.

In comparison of the prior results and Trend Graphs, no clear determination is likely that would suggest further investigation is warranted at this time. The variation in results may suggest seasonal and local groundwater fluctuations. Since results are relatively consistent with pre-remedial and post remedial monitoring, while fluctuating over time, we do not make any recommendation for additional investigation at this time.

5.2.2 Quality Assurance activities. Alpha Geoscience provided data validation/assessment in the form of Data Usability Summary Reports (DUSR) and Electronic Data Deliverables (EDDs). No significant inconsistencies or anomalies were discovered. The DUSRs are contained in Appendix D.

Duplicate samples, trip and field blanks and Matrix spikes were completed. The duplicate sample results were consistent with its listed sample. However, two omissions occurred due to miscommunications with the sampling subcontractors: in the December, 2021 event the MS/MSD was not run, and in the October, 2023 event the equipment blank was not run.

Emerging Contaminants

In 2018 and in light of emerging contaminants in the environment, NYSDEC requested inclusion of 1,4 dioxane and PFAS compounds in groundwater monitoring. Therefore November 17, 2018 sampling and April 18, 2019 sampling included PFAS compounds. No contaminants were detected above laboratory detection limits in MW-2DR. Several PFAs compounds were detected in MW-1 and MW-4, however the highest was 6.19 ng/L of PFOA in the “duplicate” sample (which was MW-1). This is below the current assumed guideline of 10 µg/L. Based on those results, further sampling of these compounds was not recommended by Hennessy Engineering nor required through correspondence with the DEC.

In the two 2021 sampling events included in this PRR, the laboratory (Alpha Analytical) included 1,4 dioxane in their results as part of their 8260C scan. It was not requested by HEC. Upon inquiry, the laboratory confirmed they do report 1,4-Dioxane as part of their

standard 8260 list. It is understood that when the DEC requests this compound as part of their Emerging Contaminant list it should be analyzed and reported by method 8270 SIM to achieve a lower reporting limit. Therefore we propose these results not be utilized, which is in line with the data rejection by the DUSR.

5.3 General System Piping & Fittings

The only visible elements of system piping and fittings include the exterior SSDS fan and its components. Monitoring well covers/casings have been added to this category for report convenience.

The fan and piping was observed to be intact and in good condition. The pipe is a 6" diameter PVC pipe connecting the Radonaway fan on the building exterior to the sub-slab system. No evidence of wear or physical damage was observed.

It was observed in 2020 that well caps, gaskets, washers, bolts and locks were deteriorating or missing. These were replaced on MWs 1, 3, 4, 5, and 6 during the July 1, 2021 sampling event. These were originally installed in 2011.

5.4 In-line Fan

- The radonaway fan was observed to be intact and in good condition. It was not gauged for in-line pressure because an access port was not observed and the manometer reading on the pipe was assumed to be adequate at this time.
- As described in section 4.1, the manometer was accidentally broken by the Healthy Pet Center cleaners in June 2021. A new manometer was ordered and installed August 27, 2021. It immediately read 1.9" WC, thus documenting negative pressure exists under the slab inhibiting any residual vapors from migrating into the above grade building.

Diminishing readings on the manometer over the reporting Period indicate potential loss of vacuum under the building, equipment problems, or similar concerns. Further investigation is warranted to determine the cause.

5.5 Green Remediation Metrics

While this project does not involve significant energy using equipment such as large motors and pumps, other relevant items should be considered for compilation of energy usage. As described in SMP section 6.2, Green Remediation Evaluation, energy from the SSDS fan as well as energy associated with sample collection and analysis, can be reviewed for energy usage. Appendix D of this PRR contains the Green Remediation Metrics Form.

The SMP states the RadonAway RP145 fan is considered to be an energy efficient model and on average, uses approximately 473.1 kilowatt-hours (KWH) per year. Using a rate of \$0.20 per kwh (which is consistent for this part of Albany County) the fan selected would use approximately \$95 per year. The model fan was also logged into an estimating program on the RadonAway website and this estimate was confirmed.

Regarding Transportation/Shipping:

- our site engineer uses a hybrid vehicle and our sampling contractor uses a Partial Zero Emission Vehicle (PZEV), which achieve emission levels almost 90% cleaner than an average gasoline – powered car.
 - The Laboratory Courier utilizes an unleaded gasoline van for deliveries to the lab.
 - The 2021 and 2022 sampling events utilized a drum and disposal for the well purge water. However, our 2023 contractor utilized an activated carbon treatment container, which results in reduction of vehicle and disposal needs.
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6.0 CONCLUSIONS AND RECOMMENDATIONS

6.1 SMP Compliance

This Periodic Review Report described how all requirements of the SMP were met. This was accomplished through each component of the remedy - the respective monitoring, operation and maintenance of the following Engineering controls and Institutional Controls:

- sub slab depressurization system;
Diminishing readings on the manometer indicate potential loss of vacuum under the building, equipment problems, or similar concerns. Further investigation is warranted to determine the cause. The inline fan and tubing components should be checked as appropriate.
- Site environmental easement.

6.2 Performance and Effectiveness of the Remedy

Successful implementation of each component of the remedy contributed to achievement of remedial objectives for the site.

- During this Period (2021-2023) and in the area of the remedy, there were no detections of COCs above Method Detection Limits in MW 2R and MW 2DR other than estimated quantities.

6.3 Groundwater Monitoring

Over the PRR period, groundwater results were generally consistent with some clear moderations and fluctuations. Concentrations of contaminants in groundwater indicate the continued need for operation of the implemented Engineering Controls (ECs) at the site.

List of Tables

2021	All Analytes Summary
2022	All Analytes Summary
2023	All Analytes Summary

Hydrographs

TABLE 1
Former Roxy Cleaners
154 Delaware Avenue
Delmar, NY 12054

		SAMPLE ID:	MW-01				MW-02R				MW-02DR				MW-03				MW-04				MW-05				MW-06				DUPLICATE				FIELD BLANK				TRIP BLANK							
		LAB ID:	L2135784-01				L2135784-02				L2135784-03				L2135784-04				L2135784-05				L2135784-06				L2135784-07				L2135784-08				L2135784-09				L2135784-10							
		COLLECTION DATE:	7/1/2021				7/1/2021				7/1/2021				7/1/2021				7/1/2021				7/1/2021				7/1/2021				7/1/2021				7/1/2021				7/1/2021							
		SAMPLE DEPTH:																																												
		SAMPLE MATRIX:	WATER				WATER				WATER				WATER				WATER				WATER				WATER				WATER				WATER				WATER							
		NY-TOGS-GA																																												
		(ug/l)	Conc	Q	RL	MDL	Conc	Q	RL	MDL	Conc	Q	RL	MDL	Conc	Q	RL	MDL	Conc	Q	RL	MDL	Conc	Q	RL	MDL	Conc	Q	RL	MDL	Conc	Q	RL	MDL	Conc	Q	RL	MDL	Conc	Q	RL	MDL				
VOLATILE ORGANICS BY GC/MS																																														
Methylene chloride	75-09-2	5	ND		120	35	ND		2.5	0.7	ND		2.5	0.7	ND		12	3.5	ND		2.5	0.7	ND		2.5	0.7	ND		2.5	0.7	ND		120	35	ND		2.5	0.7	ND		2.5	0.7				
1,1-Dichloroethane	75-34-3	5	ND		120	35	ND		2.5	0.7	ND		2.5	0.7	ND		12	3.5	ND		2.5	0.7	ND		2.5	0.7	ND		2.5	0.7	ND		120	35	ND		2.5	0.7	ND		2.5	0.7				
Chloroform	67-66-3	7	ND		120	35	ND		2.5	0.7	ND		2.5	0.7	ND		12	3.5	ND		2.5	0.7	ND		2.5	0.7	ND		2.5	0.7	ND		120	35	ND		2.5	0.7	ND		2.5	0.7				
Carbon tetrachloride	56-23-5	5	ND		25	6.7	ND		0.5	0.13	ND		0.5	0.13	ND		2.5	0.67	ND		0.5	0.13	ND		0.5	0.13	ND		0.5	0.13	ND		25	6.7	ND		0.5	0.13	ND		0.5	0.13				
1,2-Dichloropropane	78-87-5	1	ND		50	6.8	ND		1	0.14	ND		1	0.14	ND		5	0.68	ND		1	0.14	ND		1	0.14	ND		1	0.14	ND		50	6.8	ND		1	0.14	ND		1	0.14				
Dibromochloromethane	124-48-1	50	ND		25	7.4	ND		0.5	0.15	ND		0.5	0.15	ND		2.5	0.74	ND		0.5	0.15	ND		0.5	0.15	ND		0.5	0.15	ND		25	7.4	ND		0.5	0.15	ND		0.5	0.15				
1,1,2-Trichloroethane	79-00-5	1	ND		75	25	ND		1.5	0.5	ND		1.5	0.5	ND		7.5	2.5	ND		1.5	0.5	ND		1.5	0.5	ND		1.5	0.5	ND		75	25	ND		1.5	0.5	ND		1.5	0.5				
Tetrachloroethene	127-18-4	5	4500	25	9	ND		0.5	0.18	ND		0.5	0.18	99	2.5	0.9	ND		0.5	0.18	0.64		0.5	0.18	ND		0.5	0.18	ND		0.5	0.18	5700	25	9	ND		0.5	0.18	ND		0.5	0.18			
Chlorobenzene	108-90-7	5	ND		120	35	ND		2.5	0.7	ND		2.5	0.7	ND		12	3.5	ND		2.5	0.7	ND		2.5	0.7	ND		2.5	0.7	ND		120	35	ND		2.5	0.7	ND		2.5	0.7				
Trichlorofluoromethane	75-69-4	5	ND		120	35	ND		2.5	0.7	ND		2.5	0.7	ND		12	3.5	ND		2.5	0.7	ND		2.5	0.7	ND		2.5	0.7	ND		120	35	ND		2.5	0.7	ND		2.5	0.7				
1,2-Dichloroethane	107-06-2	0.6	ND		25	6.6	ND		0.5	0.13	ND		0.5	0.13	ND		2.5	0.66	ND		0.5	0.13	ND		0.5	0.13	ND		0.5	0.13	ND		25	6.6	ND		0.5	0.13	ND		0.5	0.13				
1,1,1-Trichloroethane	71-55-6	5	ND		120	35	ND		2.5	0.7	ND		2.5	0.7	ND		12	3.5	ND		2.5	0.7	ND		2.5	0.7	ND		2.5	0.7	ND		120	35	ND		2.5	0.7	ND		2.5	0.7				
Bromodichloromethane	75-27-4	50	ND		25	9.6	ND		0.5	0.19	ND		0.5	0.19	ND		2.5	0.96	ND		0.5	0.19	ND		0.5	0.19	ND		0.5	0.19	ND		25	9.6	ND		0.5	0.19	ND		0.5	0.19				
trans-1,3-Dichloropropene	10061-02-6	0.4	ND		25	8.2	ND		0.5	0.16	ND		0.5	0.16	ND		2.5	0.82	ND		0.5	0.16	ND		0.5	0.16	ND		0.5	0.16	ND		25	8.2	ND		0.5	0.16	ND		0.5	0.16				
cis-1,3-Dichloropropene	10061-01-5	0.4	ND		25	7.2	ND		0.5	0.14	ND		0.5	0.14	ND		2.5	0.72	ND		0.5	0.14	ND		0.5	0.14	ND		0.5	0.14	ND		25	7.2	ND		0.5	0.14	ND		0.5	0.14				
Bromoform	75-25-2	50	ND		100	32	ND		2	0.65	ND		2	0.65	ND		10	3.2	ND		2	0.65	ND		2	0.65	ND		2	0.65	ND		100	32	ND		2	0.65	ND		2	0.65				
1,1,2,2-Tetrachloroethane	79-34-5	5	ND		25	8.4	ND		0.5	0.17	ND		0.5	0.17	ND		2.5	0.84	ND		0.5	0.17	ND		0.5	0.17	ND		0.5	0.17	ND		25	8.4	ND		0.5	0.17	ND		0.5	0.17				
Benzene	71-43-2	1	ND		25	8	0.31	J	0.5	0.16	ND		0.5	0.16	ND		2.5	0.8	ND		0.5	0.16	ND		0.5	0.16	ND		0.5	0.16	ND		25	8	ND		0.5	0.16	ND		0.5	0.16				
Toluene	108-88-3	5	ND		120	35	ND		2.5	0.7	ND		2.5	0.7	ND		12	3.5	ND		2.5	0.7	ND		2.5	0.7	ND		2.5	0.7	ND		120	35	ND		2.5	0.7	ND		2.5	0.7				
Ethylbenzene	100-41-4	5	ND		120	35	ND		2.5	0.7	ND		2.5	0.7	ND		12	3.5	ND		2.5	0.7	ND		2.5	0.7	ND		2.5	0.7	ND		120	35	ND		2.5	0.7	ND		2.5	0.7				
Chloromethane	74-87-3		ND		120	35	ND		2.5	0.7	ND		2.5	0.7	ND		12	3.5	ND		2.5	0.7	ND		2.5	0.7	ND		2.5	0.7	ND		120	35	ND		2.5	0.7	ND		2.5	0.7				
Bromomethane	74-83-9	5	ND		120	35	ND		2.5	0.7	ND		2.5	0.7	ND		12	3.5	ND		2.5	0.7	ND		2.5	0.7	ND		2.5	0.7	ND		120	35	ND		2.5	0.7	ND		2.5	0.7				
Vinyl chloride	75-01-4	2	320	50	3.6	0.11	J	1	0.07	0.11	J	1	0.07	220	5	0.36	ND		1	0.07	13	1	0.07	3.2	1	0.07	290	50	3.6	ND		1	0.07	290	50	3.6	ND		1	0.07	ND		1	0.07		
Chloroethane	75-00-3	5	ND		120	35	ND		2.5	0.7	ND		2.5	0.7	ND		12	3.5	ND		2.5	0.7	ND		2.5	0.7	ND		2.5	0.7	ND		120	35	ND		2.5	0.7	ND		2.5	0.7				
1,1-Dichloroethene	75-35-4	5	ND		25	8.4	ND		0.5	0.17	ND		0.5	0.17	1.4	J	2.5	0.84	ND		0.5	0.17	ND		0.5	0.17	ND		0.5	0.17	ND		25	8.4	ND		0.5	0.17	ND		0.5	0.17				
trans-1,2-Dichloroethene	156-60-5	5	ND		120	35	ND		2.5	0.7	ND		2.5	0.7	6.5	J	12	3.5	ND		2.5	0.7	ND		2.5	0.7	ND		2.5	0.7	ND		44	J	120	35	ND		2.5	0.7	ND		2.5	0.7		
Trichloroethene	79-01-6	5	1500	25	8.8	ND		0.5	0.18	ND		0.5	0.18	110	2.5	0.88	ND		0.5	0.18	0.77		0.5	0.18	0.18	J	0.5	0.18	1800	25	8.8	ND		0.5	0.18	1800	25	8.8	ND		0.5	0.18	ND		0.5	0.18
1,2-Dichlorobenzene	95-50-1	3	ND		120	35	ND		2.5	0.7	ND		2.5	0.7	ND		12	3.5	ND		2.5	0.7	ND		2.5	0.7	ND		2.5	0.7	ND		120	35	ND		2.5	0.7	ND		2.5	0.7				
1,3-Dichlorobenzene	541-73-1	3	ND		120	35	ND		2.5	0.7	ND		2.5	0.7	ND		12	3.5	ND		2.5	0.7	ND		2.5	0.7	ND		2.5	0.7	ND		120	35	ND		2.5	0.7	ND		2.5	0.7				
1,4-Dichlorobenzene	106-46-7	3	ND		120	35	ND		2.5	0.7	ND		2.5	0.7	ND		12	3.5	ND		2.5	0.7	ND		2.5	0.7	ND		2.5	0.7	ND		120	35	ND		2.5	0.7	ND		2.5	0.7				
Methyl tert butyl ether	1634-04-4	10	ND		120	35	ND		2.5	0.7	ND		2.5	0.7	ND		12	3.5	ND		2.5	0.7	ND		2.5	0.7	ND		2.5	0.7	ND		120	35	ND		2.5	0.7	ND		2.5	0.7				
p/m-Xylene	179601-23-1	5	ND		120	35	ND		2.5	0.7	ND		2.5	0.7	ND		12	3.5	ND		2.5	0.7	ND		2.5	0.7	ND		2.5	0.7	ND		120	35	ND		2.5	0.7	ND		2.5	0.7				
o-Xylene	95-47-6	5	ND		120	35	ND		2.5	0.7	ND		2.5	0.7	ND		12	3.5	ND		2.5	0.7	ND		2.5	0.7	ND		2.5	0.7	ND		120	35	ND		2.5	0.7	ND		2.5	0.7				
cis-1,2-Dichloroethene	156-59-2	5	2100	120	35	ND		2.5	0.7	ND		2.5	0.7	600	12	3.5	ND	</																												

TABLE 2 - 12/8/2021
Former Roxy Cleaners
154 Delaware Avenue
Delmar, Albany County, NY

LOCATION				MW-1		DUP (MW-1)		MW-2DR		MW-2R		MW-3		MW-4		MW-5		MW-6		TB-20211208	
SAMPLING DATE				12/8/2021		12/8/2021		12/8/2021		12/8/2021		12/8/2021		12/8/2021		12/8/2021		12/8/2021		12/8/2021	
LAB SAMPLE ID				L2167544-01		L2167544-08		L2167544-03		L2167544-02		L2167544-04		L2167544-05		L2167544-06		L2167544-07		L2167544-10	
SAMPLE TYPE				WATER		WATER		WATER		WATER		WATER		WATER		WATER		WATER		WATER	
SAMPLE DEPTH (ft.)																					
		CasNum	NY-AWQS	Units	Results	RL	Results	RL	Results	RL	Results	RL	Results	RL	Results	RL	Results	RL	Results	RL	
Volatile Organics by GC/MS																					
																		</			

* Comparison is not performed on parameters with non-numeric criteria.

NY-AWQS: New York TOGS 111 Ambient Water Quality Standards criteria reflects all addendum to criteria through June 2004.



Phoenix Environmental
Laboratories, Inc.
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Manchester, CT 06040
(860) 645-1102

2022

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Inc.																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																													

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

Lab Sample Id
Collection Date
Client Id
Matrix

CP28915 10/17/2023 MW-1 Ground Water	CP28916 10/17/2023 MW-2R Ground Water	CP28917 10/17/2023 MW-2DR Ground Water	CP28918 10/17/2023 MW-3 Ground Water	CP28919 10/17/2023 MW-4 Ground Water	CP28920 10/17/2023 MW-5 Ground Water	CP28921 10/17/2023 MW-6 Ground Water	CP28922 10/17/2023 MW-1, DUP Ground Water	CP28923 10/17/2023 TRANSPORT BLANK Ground Water

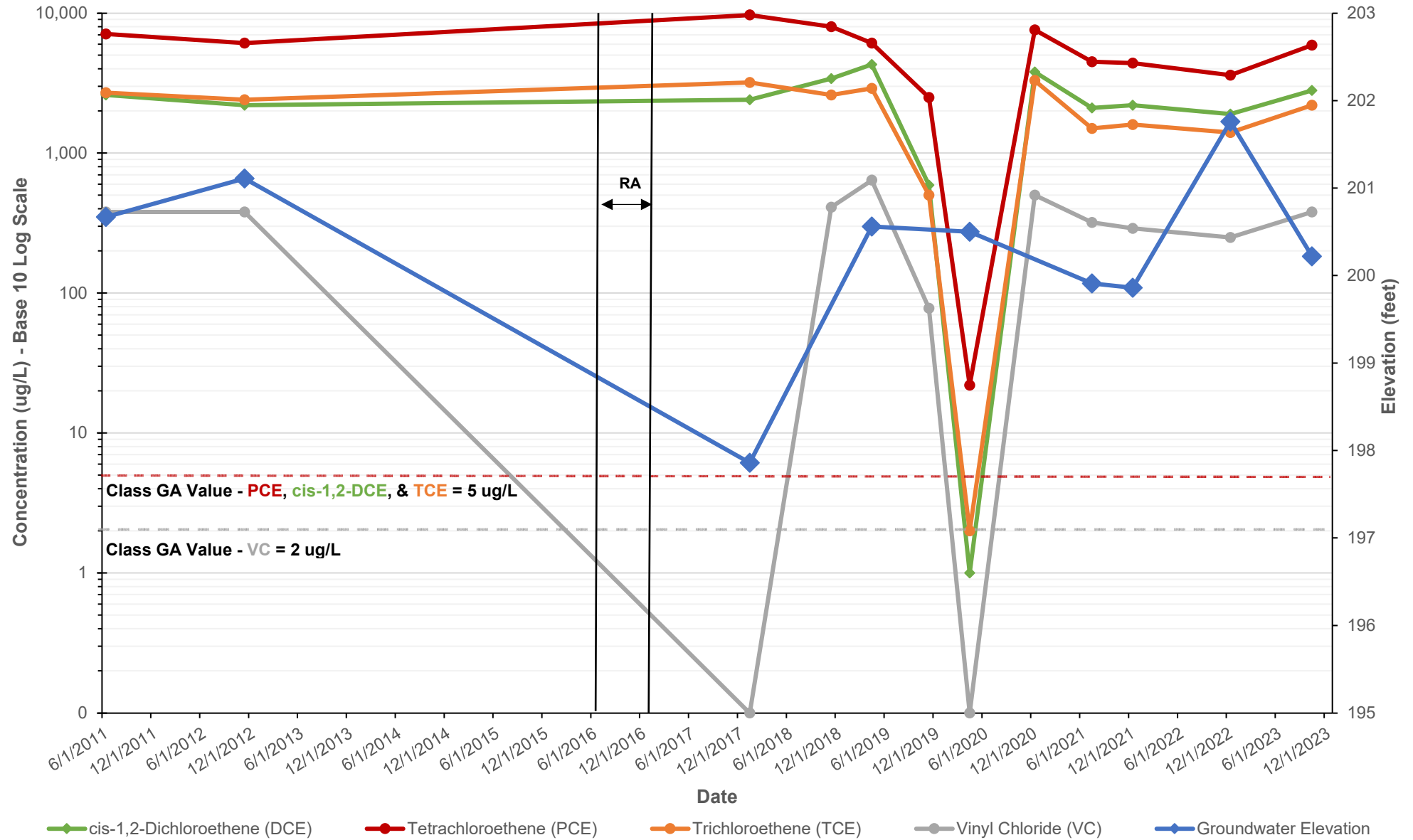
Project Id : FORMER ROXY CLEANERS SITE

	CAS	Units	Result	RL	Result	RL	Result	RL	Result	RL	Result	RL	Result	RL	Result	RL	Result	RL	Result	RL
Volatiles By SW8260D																				
1,1,1,2-Tetrachloroethane	630-20-6	ug/L	< 20	20	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 20	20	< 1.0	1.0
1,1,1-Trichloroethane	71-55-6	ug/L	< 20	20	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 20	20	< 1.0	1.0
1,1,2,2-Tetrachloroethane	79-34-5	ug/L	< 10	10	< 0.50	0.50	< 0.50	0.50	< 0.50	0.50	< 0.50	0.50	< 0.50	0.50	< 0.50	0.50	< 10	10	< 0.50	0.50
1,1,2-Trichloroethane	79-00-5	ug/L	< 20	20	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 20	20	< 1.0	1.0
1,1-Dichloroethane	75-34-3	ug/L	< 20	20	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 20	20	< 1.0	1.0
1,1-Dichloroethene	75-35-4	ug/L	< 20	20	< 1.0	1.0	< 1.0	1.0	3.2	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 20	20	< 1.0	1.0
1,1-Dichloropropene	563-58-6	ug/L	< 20	20	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 20	20	< 1.0	1.0
1,2,3-Trichlorobenzene	87-61-6	ug/L	< 20	20	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 20	20	< 1.0	1.0
1,2,3-Trichloropropane	96-18-4	ug/L	< 20	20	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 20	20	< 1.0	1.0
1,2,4-Trichlorobenzene	120-82-1	ug/L	< 20	20	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 20	20	< 1.0	1.0
1,2,4-Trimethylbenzene	95-63-6	ug/L	< 20	20	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 20	20	< 1.0	1.0
1,2-Dibromo-3-chloropropane	96-12-8	ug/L	< 20	20	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 20	20	< 1.0	1.0
1,2-Dibromoethane	106-93-4	ug/L	< 20	20	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 20	20	< 1.0	1.0
1,2-Dichlorobenzene	95-50-1	ug/L	< 20	20	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 20	20	< 1.0	1.0
1,2-Dichloroethane	107-06-2	ug/L	< 12	12	< 0.60	0.60	< 0.60	0.60	< 0.60	0.60	< 0.60	0.60	< 0.60	0.60	< 0.60	0.60	< 12	12	< 0.60	0.60
1,2-Dichloropropane	78-87-5	ug/L	< 20	20	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 20	20	< 1.0	1.0
1,3,5-Trimethylbenzene	108-67-8	ug/L	< 20	20	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 20	20	< 1.0	1.0
1,3-Dichlorobenzene	541-73-1	ug/L	< 20	20	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 20	20	< 1.0	1.0
1,3-Dichloropropane	142-28-9	ug/L	< 20	20	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 20	20	< 1.0	1.0
1,4-Dichlorobenzene	106-46-7	ug/L	< 20	20	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 20	20	< 1.0	1.0
2,2-Dichloropropane	594-20-7	ug/L	< 20	20	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 20	20	< 1.0	1.0
2-Chlorotoluene	95-49-8	ug/L	< 20	20	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 20	20	< 1.0	1.0
2-Hexanone	591-78-6	ug/L	< 100	100	< 5.0	5.0	< 5.0	5.0	< 5.0	5.0	< 5.0	5.0	< 5.0	5.0	< 5.0	5.0	< 100	100	< 5.0	5.0
2-Isopropyltoluene	527-84-4	ug/L	< 20	20	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 20	20	< 1.0	1.0
4-Chlorotoluene	106-43-4	ug/L	< 20	20	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 20	20	< 1.0	1.0
4-Methyl-2-pentanone	108-10-1	ug/L	< 100	100	< 5.0	5.0	< 5.0	5.0	< 5.0	5.0	< 5.0	5.0	< 5.0	5.0	< 5.0	5.0	< 100	100	< 5.0	5.0
Acetone	67-64-1	ug/L	< 500	500	< 25	25	< 25	25	< 25	25	< 25	25	< 25	25	< 25	25	< 500	500	< 25	25
Acrylonitrile	107-13-1	ug/L	< 20	20	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 20	20	< 1.0	1.0
Benzene	71-43-2	ug/L	< 14	14	< 0.70	0.70	< 0.70	0.70	< 0.70	0.70	< 0.70	0.70	< 0.70	0.70	< 0.70	0.70	< 14	14	< 0.70	0.70
Bromobenzene	108-86-1	ug/L	< 20	20	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 20	20	< 1.0	1.0
Bromochloromethane	74-97-5	ug/L	< 20	20	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 20	20	< 1.0	1.0
Bromodichloromethane	75-27-4	ug/L	< 10	10	< 0.50	0.50	< 0.50	0.50	< 0.50	0.50	< 0.50	0.50	< 0.50	0.50	< 0.50	0.50	< 10	10	< 0.50	0.50
Bromoform	75-25-2	ug/L	< 20	20	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 20	20	< 1.0	1.0
Bromomethane	74-83-9	ug/L	< 20	20	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 20	20	< 1.0	1.0
Carbon Disulfide	75-15-0	ug/L	< 100	100	< 5.0	5.0	< 5.0	5.0	< 5.0	5.0	< 5.0	5.0	< 5.0	5.0	< 5.0	5.0	< 100	100	< 5.0	5.0
Carbon tetrachloride	56-23-5	ug/L	< 20	20	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 20	20	< 1.0	1.0
Chlorobenzene	108-90-7	ug/L	< 20	20	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 20	20	< 1.0	1.0
Chloroethane	75-00-3	ug/L	< 20	20	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 20	20	< 1.0	1.0
Chloroform	67-66-3	ug/L	< 20	20	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 20	20	< 1.0	1.0
Chloromethane	74-87-3	ug/L	< 20	20	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 20	20	< 1.0	1.0
cis-1,2-Dichloroethene	156-59-2	ug/L	2,800	200	< 1.0	1.0	< 1.0	1.0	1,100	40	< 1.0	1.0	24	1.0	34	1.0	2,900	200	< 1.0	1.0
cis-1,3-Dichloropropene	10061-01-5	ug/L	< 8.0	8.0	< 0.40	0.40	< 0.40	0.40	< 0.40	0.40	< 0.40	0.40	< 0.40	0.40	< 0.40	0.40	< 8.0	8.0	< 0.40	0.40
Dibromochloromethane	124-48-1	ug/L	< 10	10	< 0.50	0.50	< 0.50	0.50	< 0.50	0.50	< 0.50	0.50	< 0.50	0.50	< 0.50	0.50	< 10	10	< 0.50	0.50
Dibromomethane	74-95-3	ug/L	< 20	20	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 20	20	< 1.0	1.0
Dichlorodifluoromethane	75-71-8	ug/L	< 20	20	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 20	20	< 1.0	1.0
Ethylbenzene	100-41-4	ug/L	< 20	20	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 20	20	< 1.0	1.0
Hexachlorobutadiene	87-68-3	ug/L	< 8.0	8.0	< 0.40	0.40	< 0.40	0.40	< 0.40	0.40	< 0.40	0.40	< 0.40	0.40	< 0.40	0.40	< 8.0	8.0	< 0.40	0.40
Isopropylbenzene	98-82-8	ug/L	< 20	20	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 20	20	< 1.0	1.0
m&p-Xylene	179601-23-1	ug/L	< 20	20	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 20	20	< 1.0	1.0
Methyl ethyl ketone	78-93-3	ug/L	< 100	100	< 5.0	5.0	< 5.0	5.0	< 5.0	5.0	< 5.0	5.0	< 5.0	5.0	< 5.0	5.0	< 100	100	< 5.0	5.0</

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)

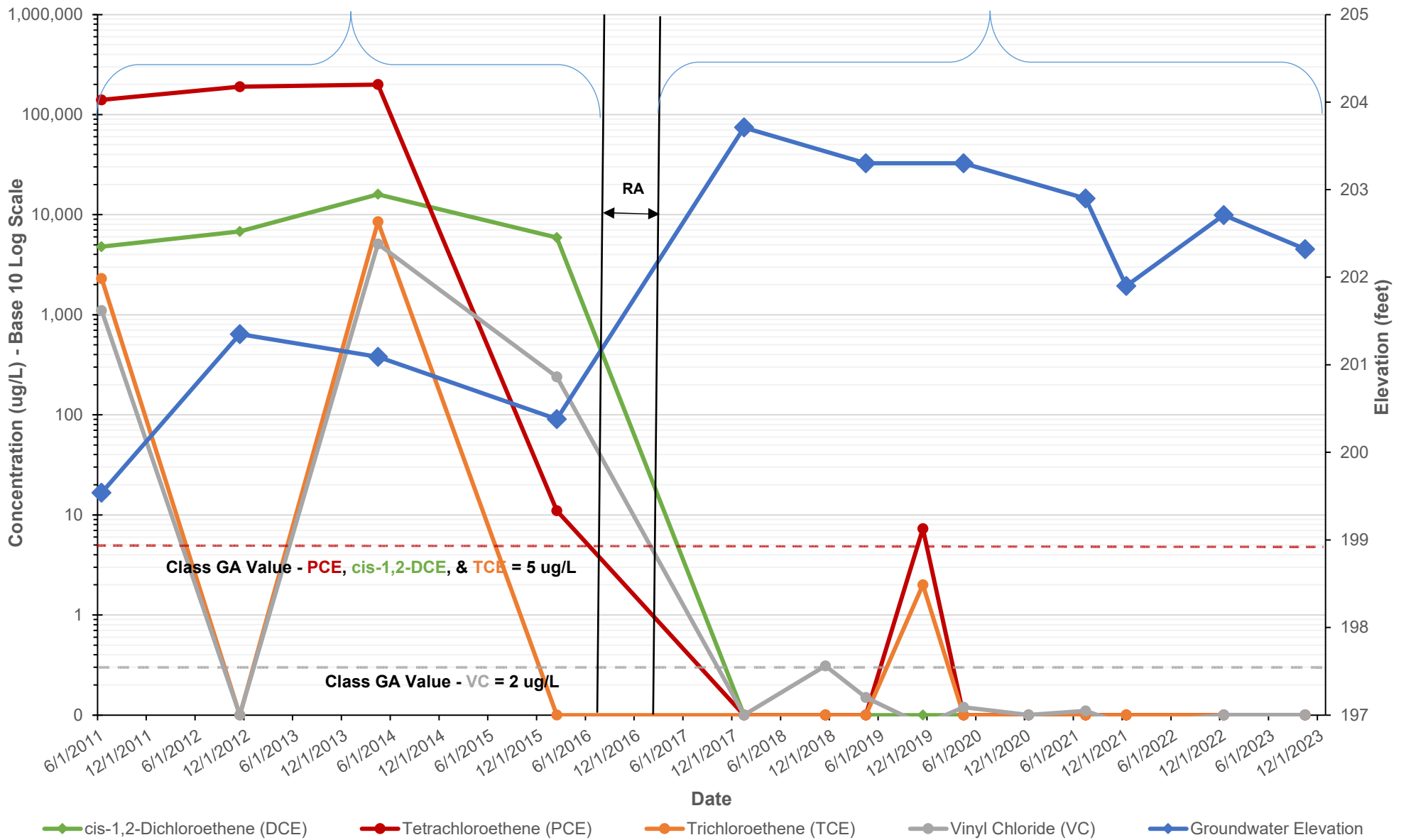
Graph 1
New York State Department of Environmental Conservation
Former Roxy Cleaners - Site No. 401058
CVOC Hydrograph: MW-1



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)

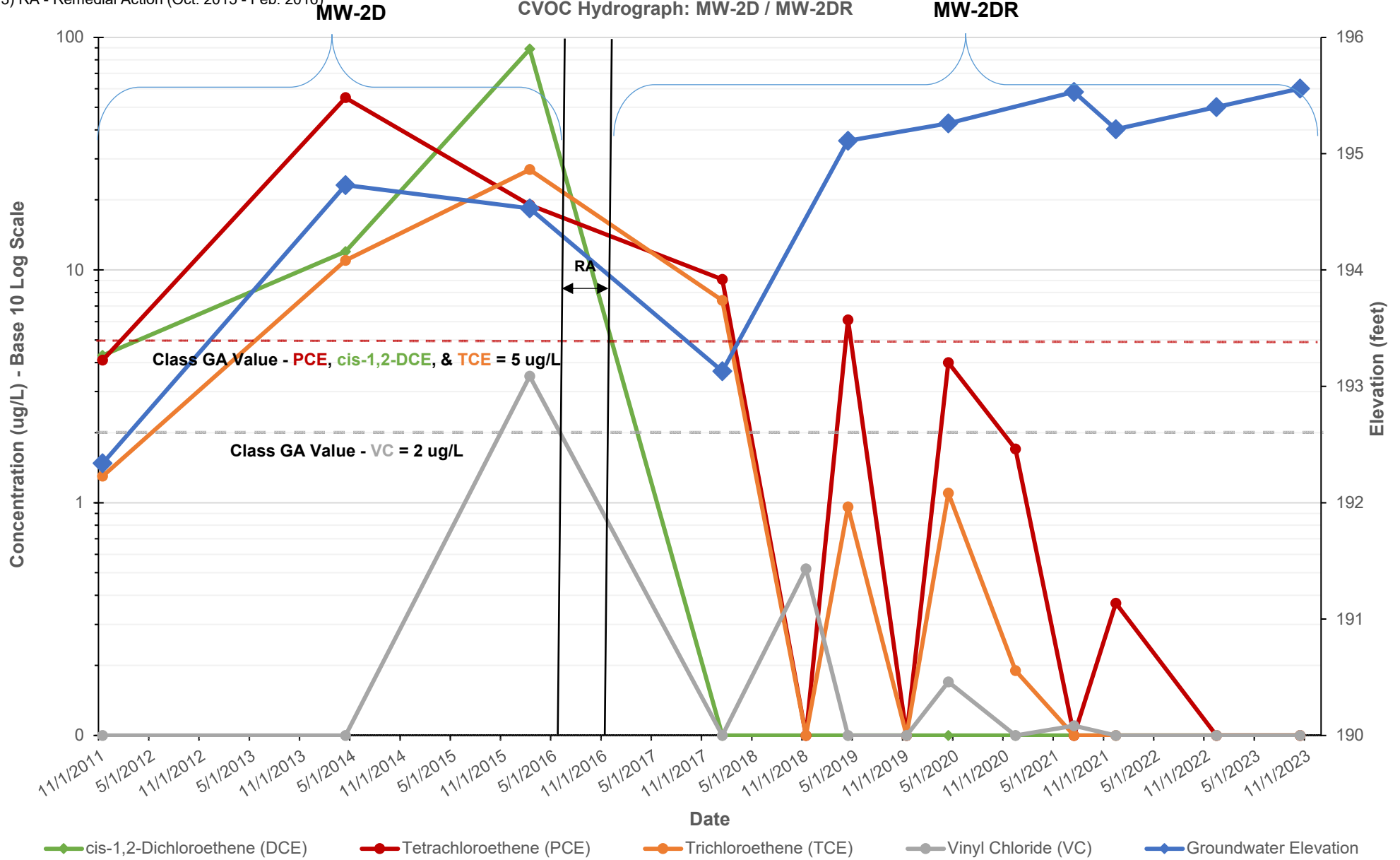
Graph 2
New York State Department of Environmental Conservation
Former Roxy Cleaners - Site No. 401058
CVOC Hydrograph: MW-2 / MW-2R



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



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)

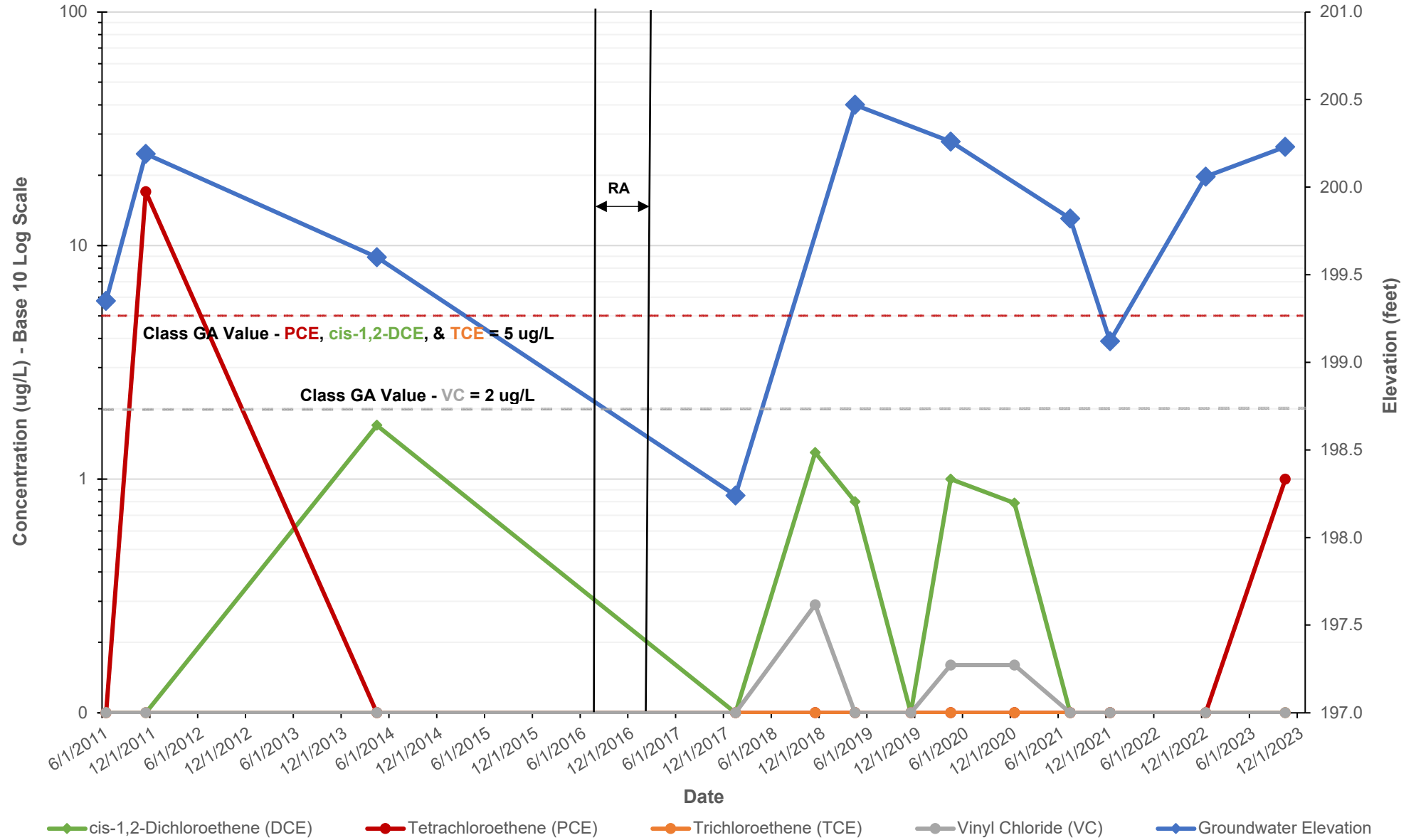
Graph 4
New York State Department of Environmental Conservation
Former Roxy Cleaners - Site No. 401058
CVOC Hydrograph: MW-3



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)

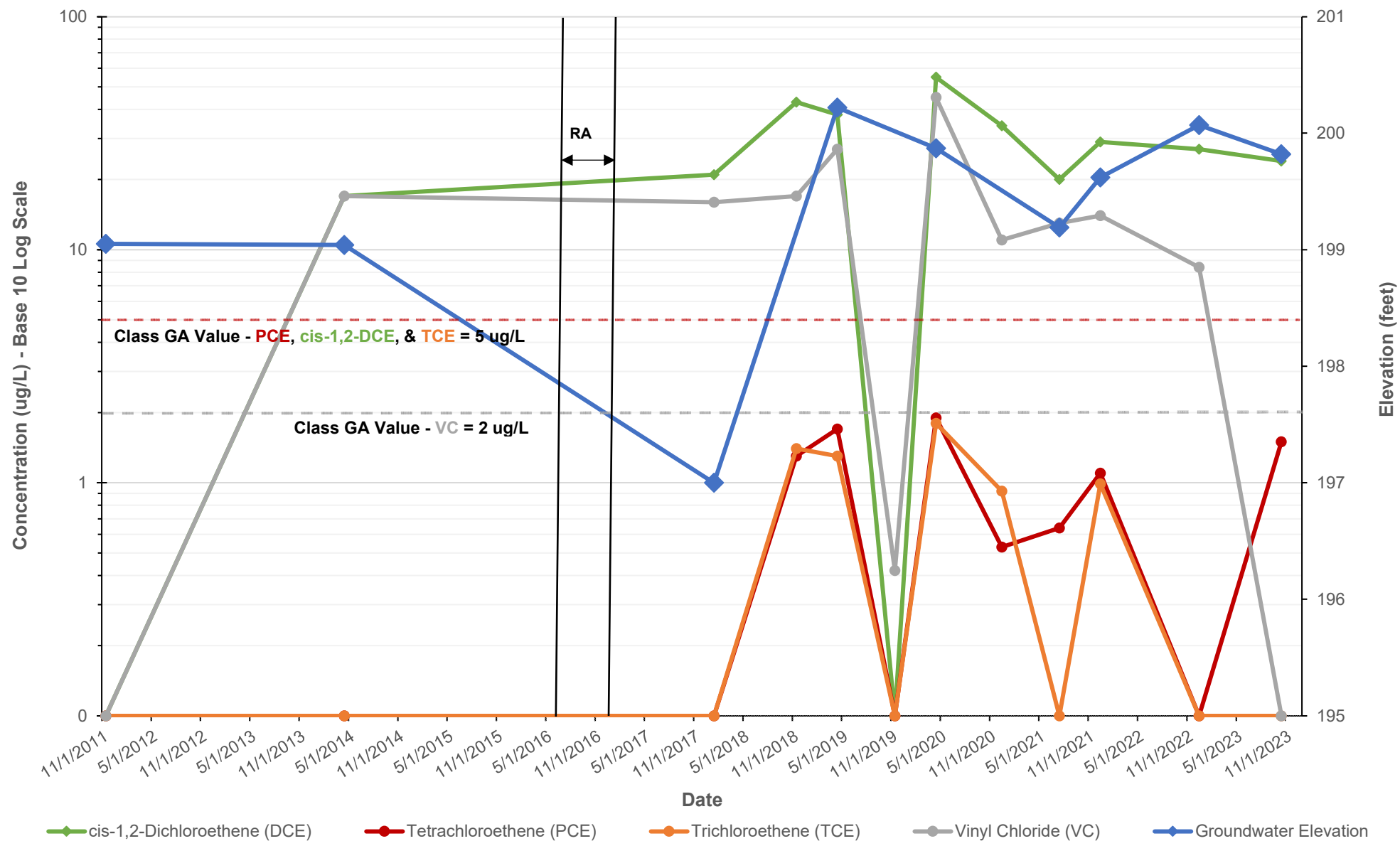
Graph 5
New York State Department of Environmental Conservation
Former Roxy Cleaners - Site No. 401058
CVOC Hydrograph: MW-4



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)

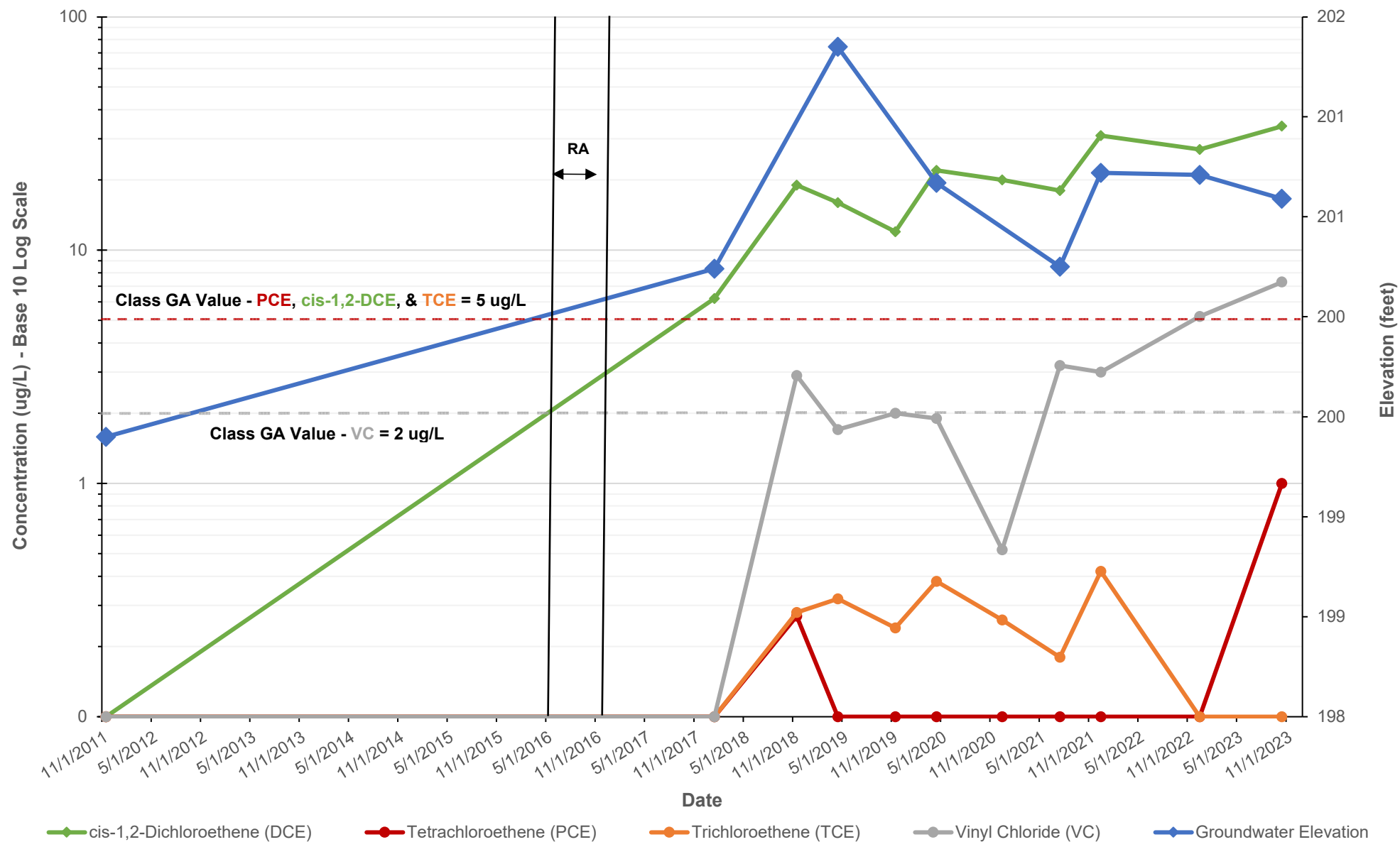
Graph 6 New York State Department of Environmental Conservation Former Roxy Cleaners - Site No. 401058 CVOC Hydrograph: MW-5



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



List of Figures

- Figure 1 Location Map**
- Figure 2 Aerial/Parcel Map**
- Figure 3 Site Plan Excerpt**
- Figure 4 Site Plans and Groundwater Contours**
- Figure 5 Contaminant Contours**

Final Engineering Report Figures (CDM Smith)



**Hennessy
Engineering & Consulting**

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Voorheesville, NY 12186

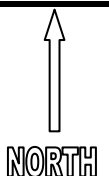
Figure 1 - USGS Map

156 Delaware Avenue

Town of Bethlehem Albany County, New York

Source: USGS

Scale: none



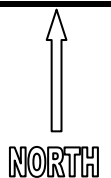


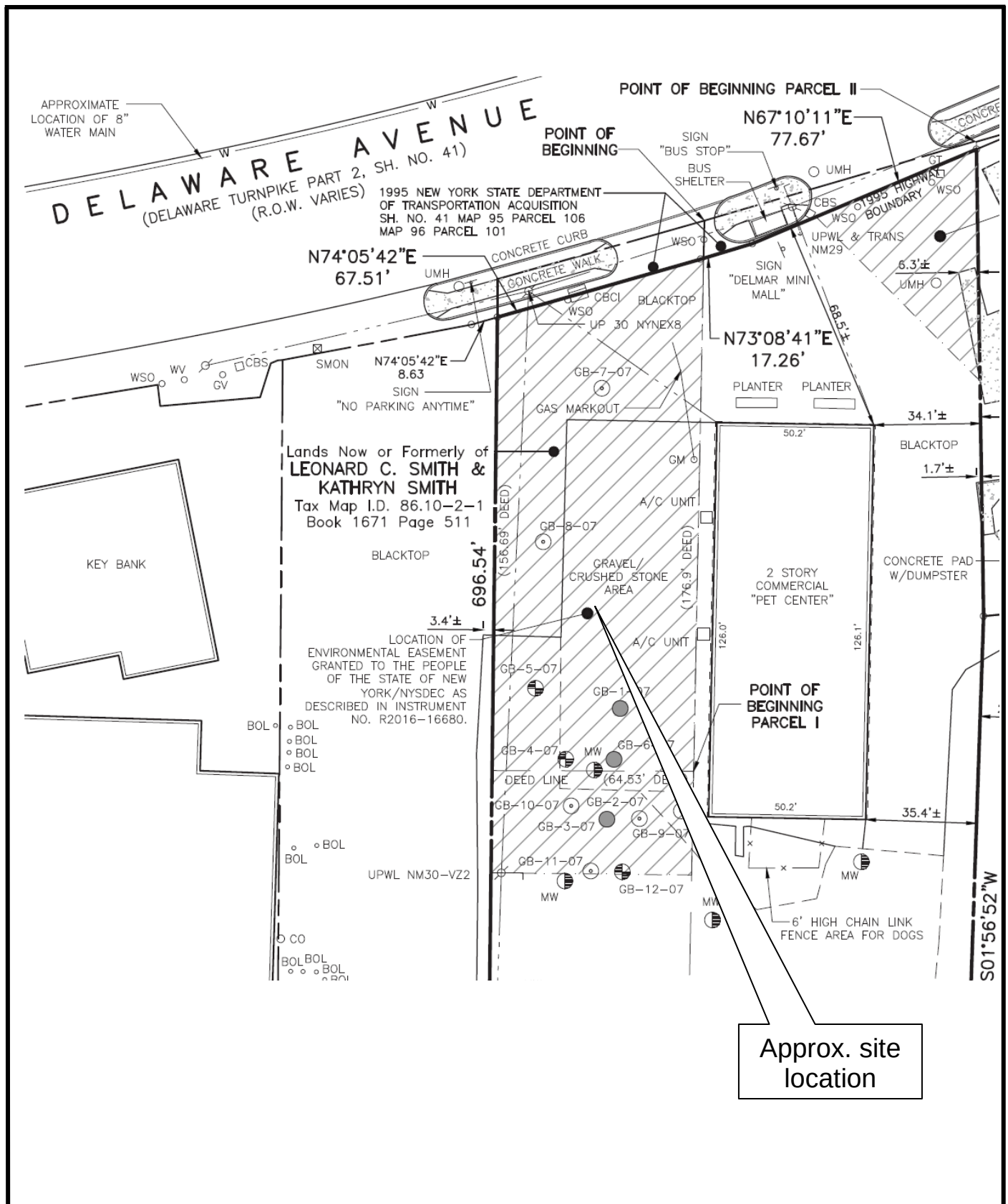
**Hennessy
Engineering & Consulting**

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





**Hennessy
Engineering & Consulting**

P.O. Box 118
Voorheesville, NY 12186

Figure 3 Site Map Excerpt

156 Delaware Avenue

Town of Bethlehem Albany County, New York

Source: C.T. Male Associates P.C.

Scale: none

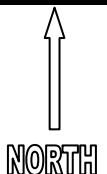
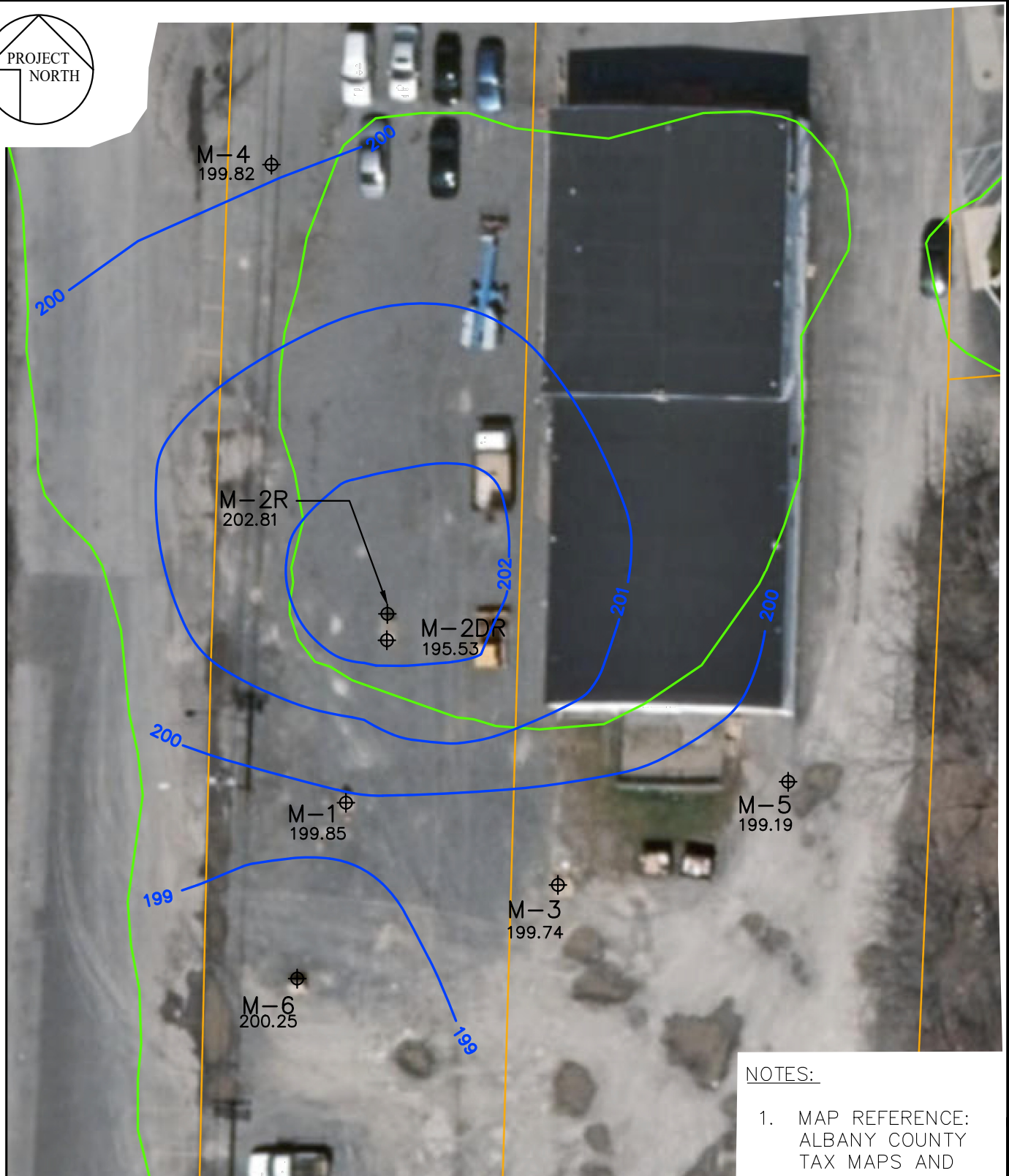


**Figure 4.1 2021 Site Plans and Groundwater Contours,
Figure 5.1 Contaminant Contours**



NOTES:

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

LEGEND



EXISTING GW
MONITORING WELL, WITH
GW ELEVATION AND/OR
CONTAMINANT VALUES



APPROX. SURFACE
CONTOUR



APPROX.
GROUNDWATER
CONTOUR



P.O. Box 118
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518-813-3597

SITE PLAN & GW CONTOURS

FORMER DELMAR ROXY

NYSDEC # 401058

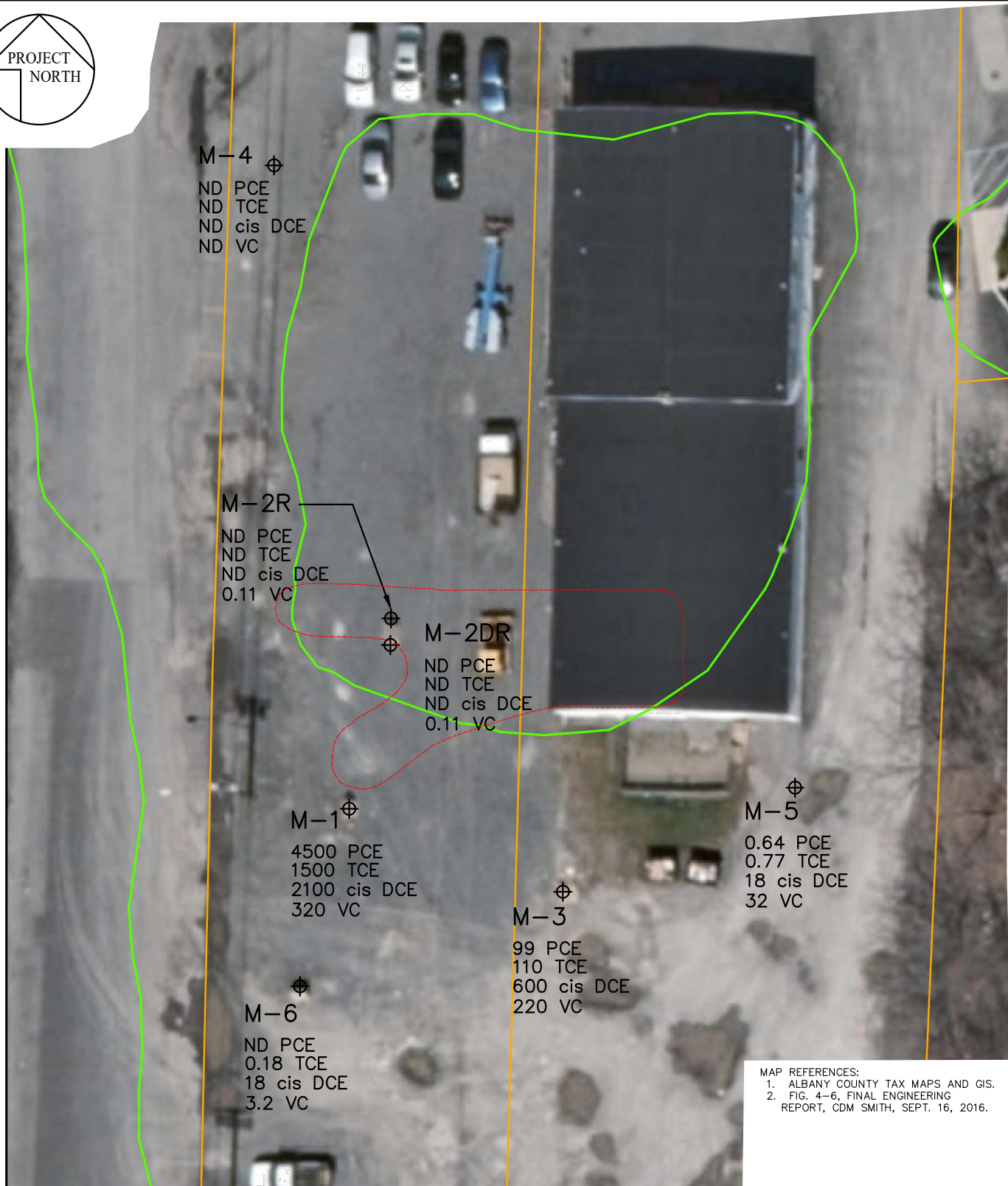
154 DELAWARE AVENUE

TOWN OF BETHLEHEM

COUNTY OF ALBANY, NY

Scale: 1"=30'±

DATE: JULY 1, 2021



MAP REFERENCES:
1. ALBANY COUNTY TAX MAPS AND GIS.
2. FIG. 4-6, FINAL ENGINEERING
REPORT, CDM SMITH, SEPT. 16, 2016.

LEGEND



EXISTING GW
MONITORING WELL, WITH
GW ELEVATION AND/OR
CONTAMINANT VALUES



APPROX. SURFACE
CONTOUR



APPROX. GROUNDWATER
CONTOUR



APPROX. CONTAMINATION
AFTER REMEDIATION



P.O. Box 118
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518-813-3597

CONTAMINANT CONCENTRATIONS

FORMER DELMAR ROXY

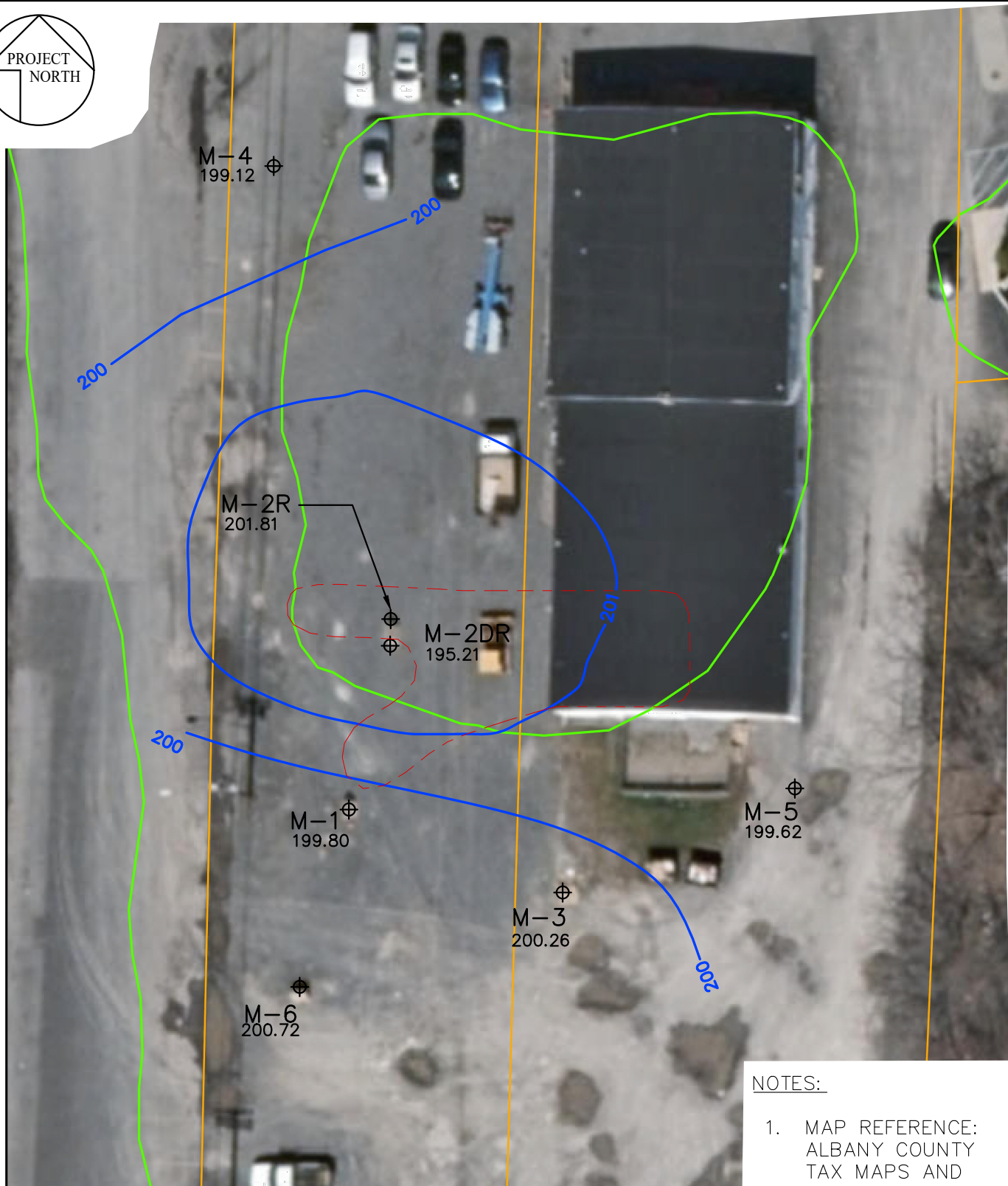
NYSDEC # 401058

154 DELAWARE AVENUE

TOWN OF BETHLEHEM

COUNTY OF ALBANY, NY

Scale: 1"=30'±



NOTES:

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

LEGEND.

 EXISTING GW MONITORING WELL,
WITH GW ELEVATION AND/OR
CONTAMINANT VALUES

 APPROX. SURFACE CONTOUR

 APPROX. GROUNDWATER CONTOUR

 APPROX. CONTAMINATION
REMAINING AFTER REMEDIATION



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SITE PLAN & GW CONTOURS

FORMER DELMAR ROXY

NYSDEC # 401058

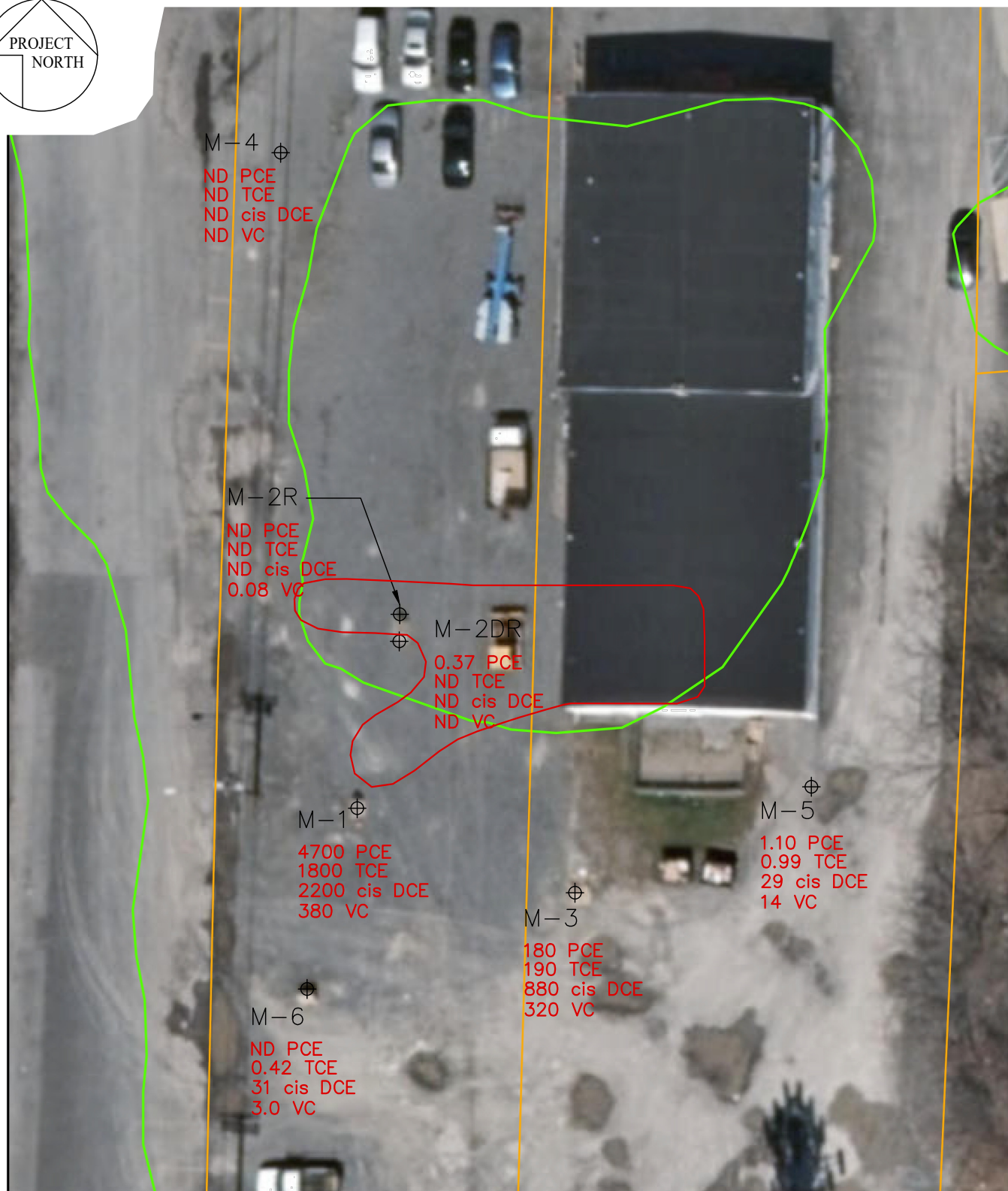
154 DELAWARE AVENUE

TOWN OF BETHLEHEM

COUNTY OF ALBANY, NY

Scale: 1"=30'±

DATE: DEC. 8, 2021



LEGEND

-  EXISTING GW MONITORING WELL, WITH GW ELEVATION AND/OR CONTAMINANT VALUES
-  APPROX. SURFACE CONTOUR
-  APPROX. GROUNDWATER CONTOUR
-  APPROX. CONTAMINATION REMAINING AFTER REMEDIATION



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CONTAMINANT CONCENTRATIONS

FORMER DELMAR ROXY

NYSDEC # 401058

154 DELAWARE AVENUE

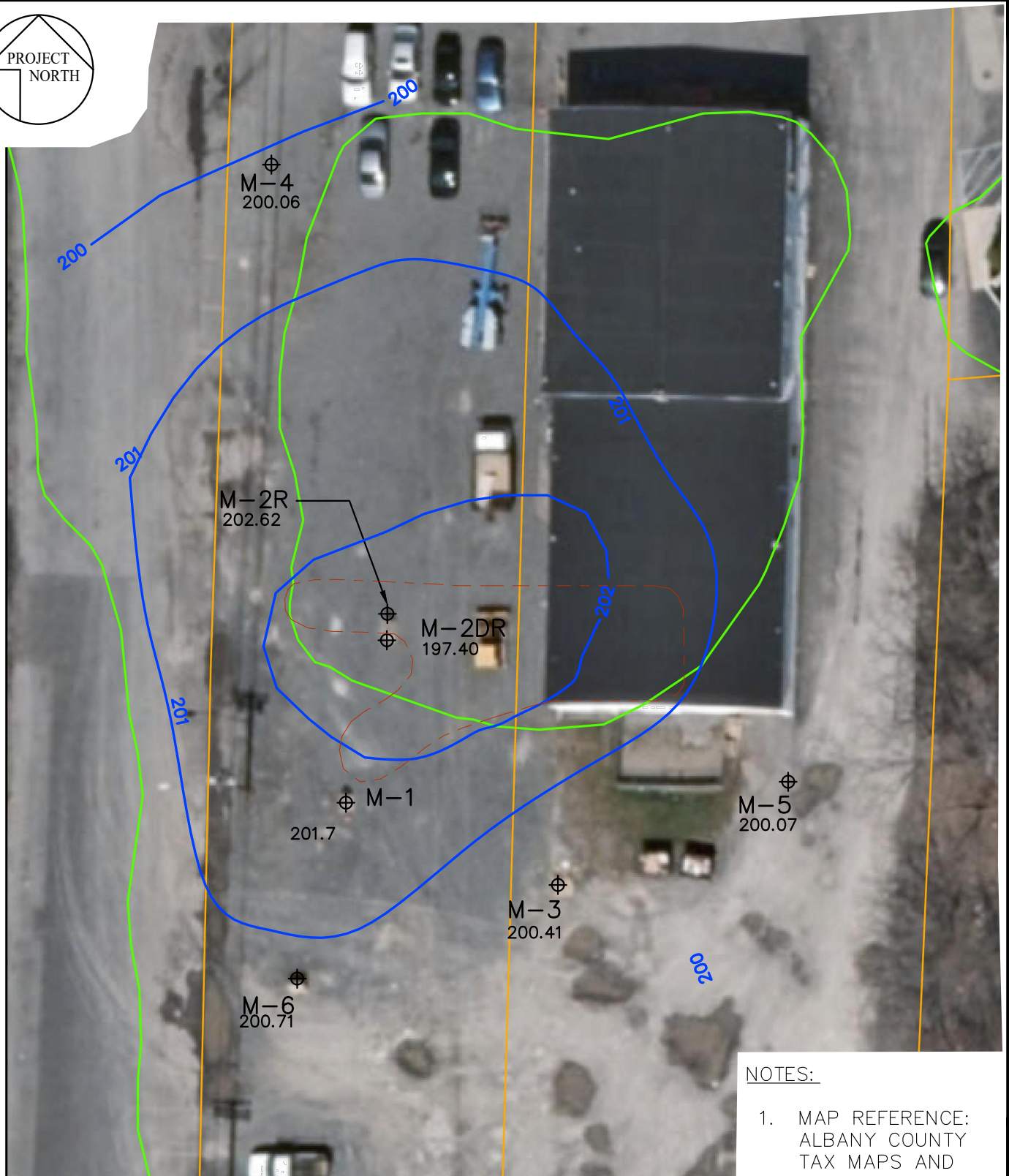
TOWN OF BETHLEHEM

COUNTY OF ALBANY, NY

Scale: 1"=30'±

DATE: DEC. 8, 2021

Figure 4.2 2022 Site Plans and Groundwater Contours
Figure 5.2 Contaminant Contours



NOTES:

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

LEGEND.

-  EXISTING GW MONITORING WELL,
WITH GW ELEVATION AND/OR
CONTAMINANT VALUES
-  APPROX. SURFACE CONTOUR
-  APPROX. GROUNDWATER CONTOUR
-  APPROX. CONTAMINATION CONTOUR
-  APPROX. CONTAMINATION
REMAINING AFTER REMEDIATION



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SITE PLAN & GW CONTOURS

FORMER DELMAR ROXY

NYSDEC # 401058

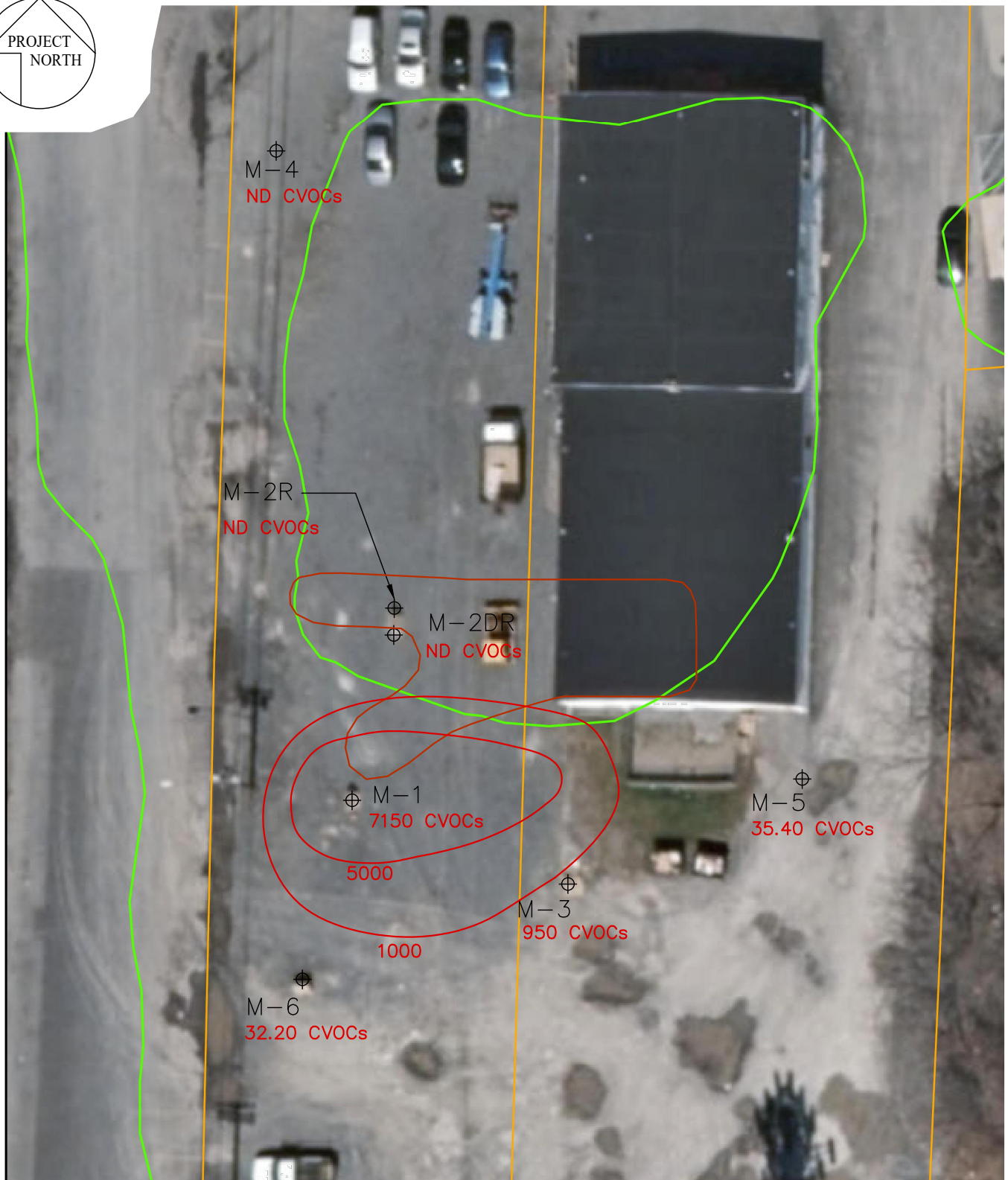
154 DELAWARE AVENUE

TOWN OF BETHLEHEM

COUNTY OF ALBANY, NY

Scale: 1"=30'±

DATE: December 15, 2022



LEGEND

- EXISTING GW MONITORING WELL, WITH GW ELEVATION AND/OR CONTAMINANT VALUES
- APPROX. SURFACE CONTOUR
- APPROX. GROUNDWATER CONTOUR
- APPROX. CONTAMINATION CONTOUR
- APPROX. CONTAMINATION REMAINING AFTER REMEDIATION



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CONTAMINANT CONCENTRATIONS

FORMER DELMAR ROXY

NYSDEC # 401058

154 DELAWARE AVENUE

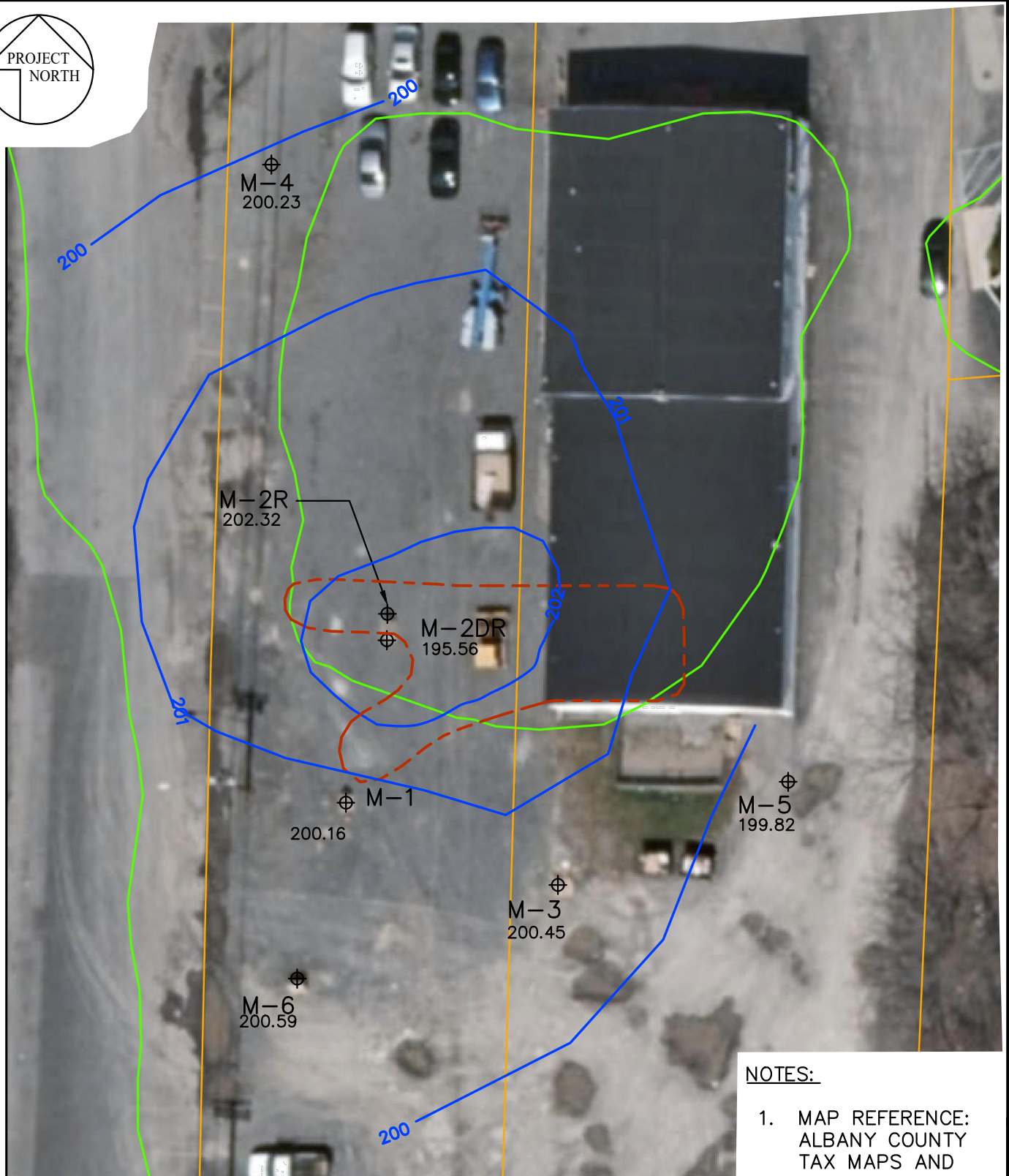
TOWN OF BETHLEHEM

COUNTY OF ALBANY, NY

Scale: 1"=30'±

DATE: DEC. 15, 2022

Figure 4.3 2023 Site Plans and Groundwater Contours
Figure 5.3 Contaminant Contours



NOTES:

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

LEGEND

-  EXISTING GW MONITORING WELL,
WITH GW ELEVATION AND/OR
CONTAMINANT VALUES
-  APPROX. SURFACE CONTOUR
-  APPROX. GROUNDWATER CONTOUR
-  APPROX. CONTAMINATION CONTOUR
-  APPROX. CONTAMINATION
REMAINING AFTER REMEDIATION



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SITE PLAN & GW CONTOURS

FORMER DELMAR ROXY

NYSDEC # 401058

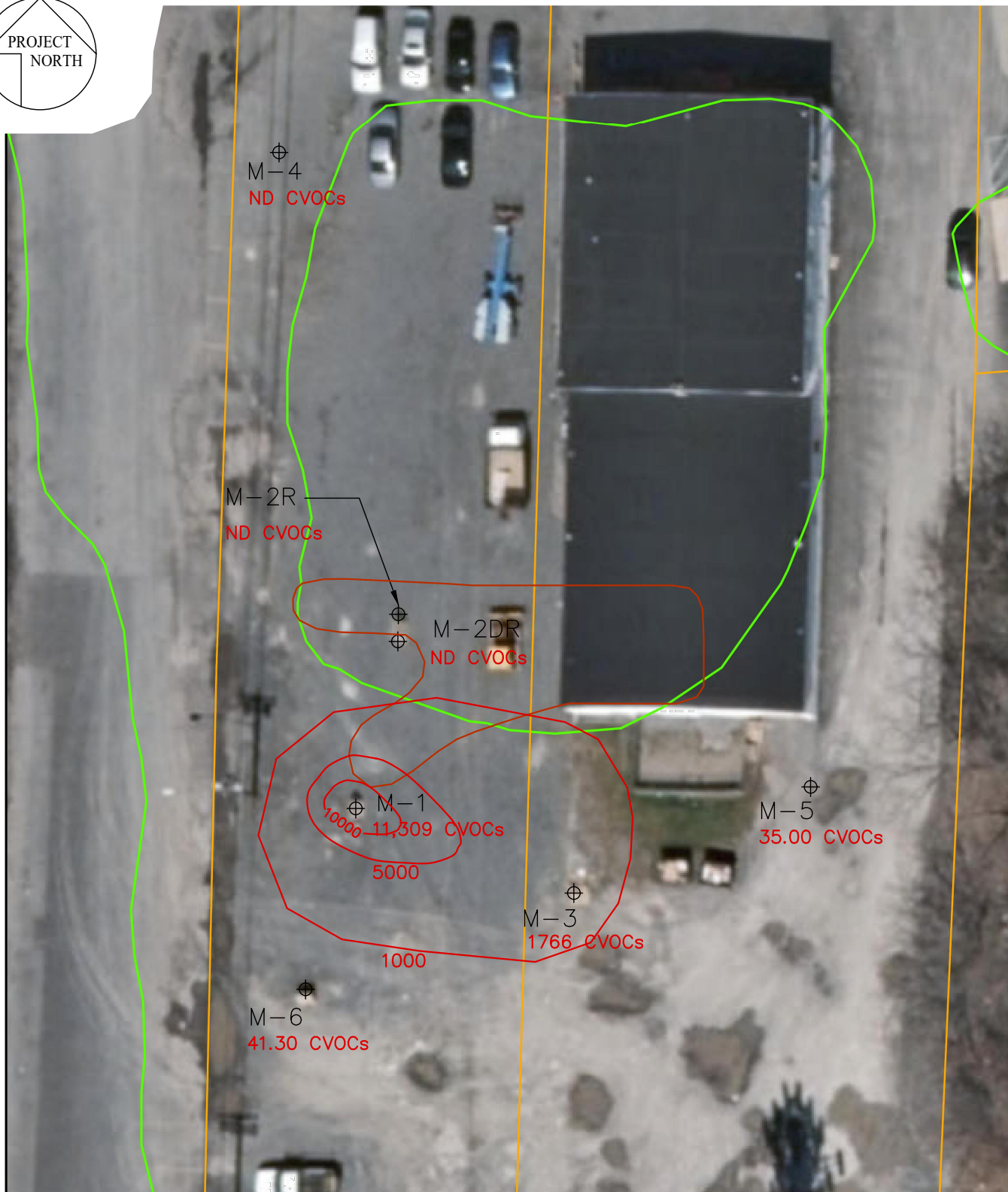
154 DELAWARE AVENUE

TOWN OF BETHLEHEM

COUNTY OF ALBANY, NY

Scale: 1"=30'±

DATE: October 17, 2023



LEGEND

- EXISTING GW MONITORING WELL, WITH GW ELEVATION AND/OR CONTAMINANT VALUES
- APPROX. SURFACE CONTOUR
- APPROX. GROUNDWATER CONTOUR
- APPROX. CONTAMINATION CONTOUR
- APPROX. CONTAMINATION REMAINING AFTER REMEDIATION



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

CONTAMINANT CONCENTRATIONS

FORMER DELMAR ROXY

NYSDEC # 401058

154 DELAWARE AVENUE

TOWN OF BETHLEHEM

COUNTY OF ALBANY, NY

Scale: 1"=30'±

DATE: OCT. 17, 2023

Appendices

Appendix A

Appendix B

Appendix C

Appendix D

Owner Certification

Engineer Certification

Green Remediation Metrics Form

Sample Event Data Sheets/DUSRs/Laboratory Results

APPENDIX A

OWNER CERTIFICATION



Enclosure 2
NEW YORK STATE DEPARTMENT OF ENVIRONMENTAL CONSERVATION
Site Management Periodic Review Report Notice
Institutional and Engineering Controls Certification Form

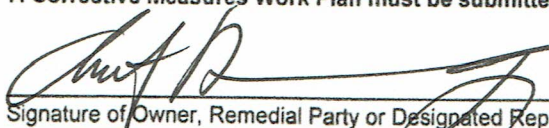


Site No. 401058	Site Details	Box 1
Site Name Former Roxy Cleaners		
Site Address: 156 Delaware Avenue Zip Code: 12054		
City/Town: Delmar		
County: Albany		
Site Acreage: 1.100		
Reporting Period: January 16, 2021 to January 16, 2024		
		YES NO
1. Is the information above correct?		☒ ☐
If NO, include handwritten above or on a separate sheet.		
2. Has some or all of the site property been sold, subdivided, merged, or undergone a tax map amendment during this Reporting Period?	☐	☒
3. Has there been any change of use at the site during this Reporting Period (see 6NYCRR 375-1.11(d))?	☐	☒
4. Have any federal, state, and/or local permits (e.g., building, discharge) been issued for or at the property during this Reporting Period?	☐	☒
If you answered YES to questions 2 thru 4, include documentation or evidence that documentation has been previously submitted with this certification form.		
5. Is the site currently undergoing development?	☐	☒

		Box 2
		YES NO
6. Is the current site use consistent with the use(s) listed below? Commercial and Industrial	☒	☐
7. Are all ICs in place and functioning as designed?	☒	☐

IF THE ANSWER TO EITHER QUESTION 6 OR 7 IS NO, sign and date below and
DO NOT COMPLETE THE REST OF THIS FORM. Otherwise continue.

A Corrective Measures Work Plan must be submitted along with this form to address these issues.


Signature of Owner, Remedial Party or Designated Representative

2/13/24
Date

Description of Institutional ControlsParcelOwnerInstitutional Control**86.10-02-01**

A Lot in Delmar

Ground Water Use Restriction
 Soil Management Plan
 Landuse Restriction
 Site Management Plan
 IC/EC Plan

A series of ICs are required to implement, maintain and monitor the ECs. The Environmental Easement (EE) requires compliance with the ICs. The EE for this site was recorded on 07/27/16 in Albany County as instrument #R2016-16680.

The EE ensures that:

- All ECs must be operated and maintained as specified in the SMP
- All ECs on the Site must be inspected and certified at a frequency and in a manner defined in the SMP
- Environmental monitoring must be performed as defined in the SMP
- Data and information pertinent to SM for the Controlled Property must be reported at the frequency and in a manner defined in the SMP
- On-site environmental monitoring devices, including but not limited to groundwater monitoring wells, must be protected and replaced as necessary to ensure continued functioning in the manner specified in the SMP.

In addition, the Environmental Easement places the following restrictions on the property:

- Required compliance with the approved SMP. Restrict the use of groundwater as a source of potable water, without necessary water quality treatment as determined by the New York State Department of Health (NYSDOH) and/or the NYSDEC
- The owner of the Property shall provide information to the NYSDEC to assist it in carrying out its obligation to provide a periodic certification, prepared and submitted by a professional engineer or environmental professional acceptable to the NYSDEC or Relevant Agency, which will certify that the IC/ECs put in place are unchanged from the previous certification, comply with the SMP, and have not been impaired
- The owner of the Property shall continue in full force and effect any IC/ECs required for the Remedy and shall not, through any act or omission, interfere with the NYSDEC's maintenance and monitoring of such controls, unless the owner first obtains permission to discontinue such controls from the NYSDEC or Relevant Agency, in compliance with the approved SMP subject to modifications as approved by the NYSDEC or Relevant Agency
- Limit the use and development of the property to the commercial/industrial use.

Description of Engineering ControlsParcelEngineering Control**86.10-02-01**

Vapor Mitigation

Engineering Controls:

- * Sub-slab depressurization system required to be installed and managed within future onsite structure.
- * Continued SSDS operation and management of SSDS at 154 Delaware Avenue.
- * provision to evaluate the potential for vapor intrusion for any buildings developed on the site, including provision for mitigation of any impacts identified;
- * provision to evaluate the potential for soil vapor intrusion for existing buildings if building use changes significantly or if a vacant building become occupied.
- * monitoring of groundwater, soil vapor, and indoor air to assess the performance and effectiveness of the remedy;
- * maintaining site access controls and Department notification

Periodic Review Report (PRR) Certification Statements

1. I certify by checking "YES" below that:

- a) the Periodic Review report and all attachments were prepared under the direction of, and reviewed by, the party making the Engineering Control certification;
- b) to the best of my knowledge and belief, the work and conclusions described in this certification are in accordance with the requirements of the site remedial program, and generally accepted engineering practices; and the information presented is accurate and complete.

YES NO

☒☐

2. For each Engineering control listed in Box 4, I certify by checking "YES" below that all of the following statements are true:

- (a) The Engineering Control(s) employed at this site is unchanged since the date that the Control was put in-place, or was last approved by the Department;
- (b) nothing has occurred that would impair the ability of such Control, to protect public health and the environment;
- (c) access to the site will continue to be provided to the Department, to evaluate the remedy, including access to evaluate the continued maintenance of this Control;
- (d) nothing has occurred that would constitute a violation or failure to comply with the Site Management Plan for this Control; and
- (e) if a financial assurance mechanism is required by the oversight document for the site, the mechanism remains valid and sufficient for its intended purpose established in the document.

YES NO

☒☐

**IF THE ANSWER TO QUESTION 2 IS NO, sign and date below and
DO NOT COMPLETE THE REST OF THIS FORM. Otherwise continue.**

A Corrective Measures Work Plan must be submitted along with this form to address these issues.

Signature of Owner, Remedial Party or Designated Representative

Date

2/13/24

IC CERTIFICATIONS
SITE NO. 401058

Box 6

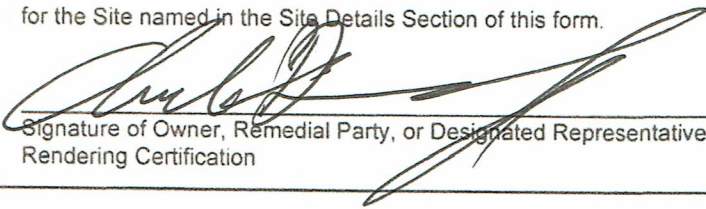
SITE OWNER OR DESIGNATED REPRESENTATIVE SIGNATURE

I certify that all information and statements in Boxes 1, 2, and 3 are true. I understand that a false statement made herein is punishable as a Class "A" misdemeanor, pursuant to Section 210.45 of the Penal Law.

I Anthony DeThomas at 156 DELAWARE AVE. DELMAR, DE 12054
print name print business address

am certifying as OWNER/MANAGER (Owner or Remedial Party)

for the Site named in the Site Details Section of this form.


Signature of Owner, Remedial Party, or Designated Representative
Rendering Certification

2/13/2021
Date

APPENDIX B

ENGINEER CERTIFICATION

EC CERTIFICATIONS

Box 7

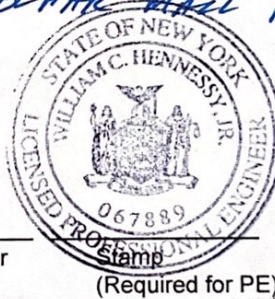
Professional Engineer Signature

I certify that all information in Boxes 4 and 5 are true. I understand that a false statement made herein is punishable as a Class "A" misdemeanor, pursuant to Section 210.45 of the Penal Law.

I WILLIAM HENNESSY at HENNESSY ENGINEERING & CONSULTING
print name PO BOX 118 12186
print business address

am certifying as a Professional Engineer for the FORMER ROCK CLEANERS
(Owner or Remedial Party)
DELMAR HALL PROPERTIES, LLC

William C. Hennessy Jr.
Signature of Professional Engineer, for the Owner or
Remedial Party, Rendering Certification



2/17/24
Date

(Required for PE)

Appendix C

Green Remediation Metrics Form

Summary of Green Remediation Metrics for Site Management

Site Name: Former Roxy Cleaners Site Code: 401058
 Address: 156 Delaware Avenue City: Delmar
 State: NY Zip Code: 12054 County: Albany

Initial Report Period (Start Date of period covered by the Initial Report submittal)

Start Date: _____

Current Reporting Period

Reporting Period From: Jan. 17, 2021 To: Jan. 16, 2024

Contact Information

Preparer's Name: William C. Hennessy, Jr. P.E. Phone No.: 518-813-3597
 Preparer's Affiliation: Site Engineer

I. Energy Usage: Quantify the amount of energy used directly on-site and the portion of that derived from renewable energy sources.

	Current Reporting Period	Total to Date
Fuel Type 1 (e.g. natural gas (cf))		
Fuel Type 2 (e.g. fuel oil, propane (gals))		
Electricity (kWh)	1,420+/-	3,310+/-
Of that Electric usage, provide quantity:		
Derived from renewable sources (e.g. solar, wind)	0	0

Other energy sources (e.g. geothermal, solar thermal (Btu))		

Provide a description of all energy usage reduction programs for the site in the space provided on Page 3.

II. Solid Waste Generation: Quantify the management of solid waste generated on-site.

NONE LIKELY TO BE SIGNIFICANT

	Current Reporting Period (tons)	Total to Date (tons)
Total waste generated on-site		
OM&M generated waste		
Of that total amount, provide quantity:		
Transported off-site to landfills		
Transported off-site to other disposal facilities		
Transported off-site for recycling/reuse		
Reused on-site		

Provide a description of any implemented waste reduction programs for the site in the space provided on Page 3.

III. Transportation/Shipping: Quantify the distances travelled for delivery of supplies, shipping of laboratory samples, and the removal of waste.

	Current Reporting Period (miles)	Total to Date (miles)
Standby Engineer/Contractor	240+/-	910+/-
Laboratory Courier/Delivery Service	1208+/-	3,620+/-
Waste Removal/Hauling	1035 +/-	2,070 +/-

Provide a description of all mileage reduction programs for the site in the space provided on Page 3. Include specifically any local vendor/services utilized that are within 50 miles of the site.

IV. Water Usage: Quantify the volume of water used on-site from various sources.

NONE LIKELY TO BE SIGNIFICANT

	Current Reporting Period (gallons)	Total to Date (gallons)
Total quantity of water used on-site		
Of that total amount, provide quantity:		
Public potable water supply usage		
Surface water usage		
On-site groundwater usage		
Collected or diverted storm water usage		

Provide a description of any implemented water consumption reduction programs for the site in the space provided on Page 3.

V. Land Use and Ecosystems: Quantify the amount of land and/or ecosystems disturbed and the area of land and/or ecosystems restored to a pre-development condition (i.e. Green Infrastructure).

NONE LIKELY TO BE SIGNIFICANT

	Current Reporting Period (acres)	Total to Date (acres)
Land disturbed		
Land restored		

Provide a description of any implemented land restoration/green infrastructure programs for the site in the space provided on Page 3.

Description of green remediation programs reported above (Attach additional sheets if needed)
Energy Usage: the RadonAway RP145 fan is considered to be an energy efficient model and on average
Waste Generation:
Transportation/Shipping: • our site engineer uses a hybrid vehicle and our sampling contractor uses a Partial Zero Emission Vehicle (PZEV), which achieve emission levels almost 90% cleaner than an average gasoline – powered car. • our 2023 sampling contractor utilized an activated carbon treatment container, which results in reduction of vehicle and disposal needs instead of drum and disposal.
Water usage:
Land Use and Ecosystems:
Other:

CERTIFICATION BY CONTRACTOR

I, William C. Hennessy, Jr. (**Name**) do hereby certify that I am
representative (**Title**) of the Company/Corporation herein referenced and
contractor for the work described in the foregoing application for payment. According
to my knowledge and belief, all items and amounts shown on the face of this application
for payment are correct, all work has been performed and/or materials supplied, the
foregoing is a true and correct statement of the contract account up to and including that
last day of the period covered by this application.

10/8/2024



Date

Contractor

APPENDIX D

Sample Event Data Sheets/DUSRs/Laboratory Results

APPENDIX D.1

July 1, 2021 Sampling Event



Well Gauging Data Sheet

Project: Former Delmar Roxy Cleaners Date: 7/1/21
Location: 154 Delaware Ave, Delmar Project No.: 401058
Personnel: CM, PS Field Conditions: 73° / cloudy

Well ID	DTP	DTW	DTB	Purge Amount	Remarks (color, odor, well conditions, roadbox conditions, etc.)
MW-01	-	3.05'	18.15'	7.7 gal	surface water coming from below roadbox
MW-02R	-	0.90'	23.45'	11.5 gal	Gray - OK OK 1330
MW-020R	-	8.18'	47.40'	20.0 gal	Brown - OK OK 1320
MW-03	-	2.82'	22.15'	9.9 gal	Brown - OK OK 1310 + 1300
MW-04	-	3.40'	21.90'	9.4 gal	bailed dry (7 gallons) - OK OK 1240
MW-05	-	3.63'	23.20'	10.0 gal	Brown - OK Light conc. damage 1220
MW-06	-	2.92'	21.05'	9.2 gal	Brown - OK Light conc. damage 1249
					Color odor Well Roadbox Sample time
					↑
					* No visible contamination - color appears to be mainly from suspended silt.
					* Installed lock on all wells
					* MW-04 MS, MSD taken at 1220
					~~MW-03 MS~~
					~~MS-03 taken @ 1240~~
					~~MW-06 taken @ 1300~~
					~~MW-02R~~
					~~MW-020R~~
					~~MW-01~~ taken @ 1330; Duplicate taken here
					* Field blank taken at 1340

Purge Amount =
DTB-DTW*Conversion Factor*3

Conversion Factors:
2" Well = .17 gal/ft
3" Well = .37 gal/ft

4" Well = .66 gal/ft
6" Well = 1.47 gal/ft



Geology

Hydrology

Remediation

Water Supply

October 7, 2021

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
July 2021 Ground Water Event

Dear Mr. Hennessy:

The data usability summary report and data validation summary are attached to this letter for the Roxy Cleaners, July 2021 ground water event. The data for Alpha Analytical Labs, SDG number: L2135784 are mostly acceptable with some issues identified in the validation summary. There are data that were qualified as rejected, unusable (R) in the data pack. The reason for rejecting the data is outlined in the DUSR and QA/QC review. The data is rejected based solely on the validation guidance criteria. The rejected data may be determined to be acceptable to the user based on additional information that is not contained in the data validation criteria.

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-211.ltr.docx



Geology

Hydrology

Remediation

Water Supply

**Data Usability Summary Report
for Alpha Analytical Labs
SDG Number: L2135784**

**7 Ground Water Samples, 1 Field Duplicate,
1 Field Blank, and 1 Trip Blank
Collected July 1, 2021**

Prepared by: Donald Anné
October 7, 2021

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. Alpha Analytical Labs did fulfill the requirements of the analytical methods.

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 results for 1,4-dioxane were qualified as “rejected, unusable” (R) in samples MW-05, MW-06, and DUPLICATE because the RRF for 1,4-dioxane was below the allowable minimum in the associated continuing calibration.
- The positive volatile results for trichloroethene were qualified as “estimated” (J) in sample MW-01 and MW-03 because the %D for trichloroethene was above the allowable maximum in the associated continuing calibration.
- The positive volatile results for tetrachloroethene were qualified as estimated (J) in samples MW-01 and DUPLICATE because the relative percent difference for tetrachloroethene was above the allowable maximum in the aqueous field duplicate pair MW-1/DUPLICATE.

All data that are not qualified rejected (R) are considered usable with estimated (J) data associated with a higher level of quantitative uncertainty. Detailed information on data quality is included in the data validation review.

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Qualified Data Section

Results Summary

Form 1

Volatile Organics by GC/MS

Client : Hennessy Engineering & Consulting
 Project Name : FORMER ROXY CLEANER
 Lab ID : L2135784-01D
 Client ID : MW-01
 Sample Location : 154 DELAWARE AVE DELMAR NY
 Sample Matrix : WATER
 Analytical Method : 1,8260C
 Lab File ID : VG210712A17
 Sample Amount : 0.2 ml
 Level : LOW
 Extract Volume (MeOH) : N/A

Lab Number : L2135784
 Project Number : FORMER ROXY CLEANER
 Date Collected : 07/01/21 13:30
 Date Received : 07/01/21
 Date Analyzed : 07/12/21 15:25
 Dilution Factor : 50
 Analyst : AJK
 Instrument ID : GONZO
 GC Column : RTX-502.2
 %Solids : N/A
 Injection Volume : N/A

CAS NO.	Parameter	ug/L			Qualifier
		Results	RL	MDL	
75-09-2	Methylene chloride	ND	120	35.	U
75-34-3	1,1-Dichloroethane	ND	120	35.	U
67-66-3	Chloroform	ND	120	35.	U
56-23-5	Carbon tetrachloride	ND	25	6.7	U
78-87-5	1,2-Dichloropropane	ND	50	6.8	U
124-48-1	Dibromochloromethane	ND	25	7.4	U
79-00-5	1,1,2-Trichloroethane	ND	75	25.	U
127-18-4	Tetrachloroethene	4500	25	9.0	J
108-90-7	Chlorobenzene	ND	120	35.	U
75-69-4	Trichlorofluoromethane	ND	120	35.	U
107-06-2	1,2-Dichloroethane	ND	25	6.6	U
71-55-6	1,1,1-Trichloroethane	ND	120	35.	U
75-27-4	Bromodichloromethane	ND	25	9.6	U
10061-02-6	trans-1,3-Dichloropropene	ND	25	8.2	U
10061-01-5	cis-1,3-Dichloropropene	ND	25	7.2	U
75-25-2	Bromoform	ND	100	32.	U
79-34-5	1,1,2,2-Tetrachloroethane	ND	25	8.4	U
71-43-2	Benzene	ND	25	8.0	U
108-88-3	Toluene	ND	120	35.	U
100-41-4	Ethylbenzene	ND	120	35.	U
74-87-3	Chloromethane	ND	120	35.	U
74-83-9	Bromomethane	ND	120	35.	U
75-01-4	Vinyl chloride	320	50	3.6	
75-00-3	Chloroethane	ND	120	35.	U
75-35-4	1,1-Dichloroethene	ND	25	8.4	U



Results Summary

Form 1

Volatile Organics by GC/MS

Client : Hennessy Engineering & Consulting
 Project Name : FORMER ROXY CLEANER
 Lab ID : L2135784-01D
 Client ID : MW-01
 Sample Location : 154 DELAWARE AVE DELMAR NY
 Sample Matrix : WATER
 Analytical Method : 1,8260C
 Lab File ID : VG210712A17
 Sample Amount : 0.2 ml
 Level : LOW
 Extract Volume (MeOH) : N/A

Lab Number : L2135784
 Project Number : FORMER ROXY CLEANER
 Date Collected : 07/01/21 13:30
 Date Received : 07/01/21
 Date Analyzed : 07/12/21 15:25
 Dilution Factor : 50
 Analyst : AJK
 Instrument ID : GONZO
 GC Column : RTX-502.2
 %Solids : N/A
 Injection Volume : N/A

CAS NO.	Parameter	ug/L			Qualifier
		Results	RL	MDL	
156-60-5	trans-1,2-Dichloroethene	ND	120	35.	U
79-01-6	Trichloroethene	1500	25	8.8	J
95-50-1	1,2-Dichlorobenzene	ND	120	35.	U
541-73-1	1,3-Dichlorobenzene	ND	120	35.	U
106-46-7	1,4-Dichlorobenzene	ND	120	35.	U
1634-04-4	Methyl tert butyl ether	ND	120	35.	U
179601-23-1	p/m-Xylene	ND	120	35.	U
95-47-6	o-Xylene	ND	120	35.	U
156-59-2	cis-1,2-Dichloroethene	2100	120	35.	
100-42-5	Styrene	ND	120	35.	U
75-71-8	Dichlorodifluoromethane	ND	250	50.	U
67-64-1	Acetone	ND	250	73.	U
75-15-0	Carbon disulfide	ND	250	50.	U
78-93-3	2-Butanone	ND	250	97.	U
108-10-1	4-Methyl-2-pentanone	ND	250	50.	U
591-78-6	2-Hexanone	ND	250	50.	U
74-97-5	Bromochloromethane	ND	120	35.	U
106-93-4	1,2-Dibromoethane	ND	100	32.	U
96-12-8	1,2-Dibromo-3-chloropropane	ND	120	35.	U
98-82-8	Isopropylbenzene	ND	120	35.	U
87-61-6	1,2,3-Trichlorobenzene	ND	120	35.	U
120-82-1	1,2,4-Trichlorobenzene	ND	120	35.	U
79-20-9	Methyl Acetate	ND	100	12.	U
110-82-7	Cyclohexane	ND	500	14.	U
123-91-1	1,4-Dioxane	ND	12000	3000	U



Results Summary

Form 1

Volatile Organics by GC/MS

Client	: Hennessy Engineering & Consulting	Lab Number	: L2135784
Project Name	: FORMER ROXY CLEANER	Project Number	: FORMER ROXY CLEANER
Lab ID	: L2135784-01D	Date Collected	: 07/01/21 13:30
Client ID	: MW-01	Date Received	: 07/01/21
Sample Location	: 154 DELAWARE AVE DELMAR NY	Date Analyzed	: 07/12/21 15:25
Sample Matrix	: WATER	Dilution Factor	: 50
Analytical Method	: 1,8260C	Analyst	: AJK
Lab File ID	: VG210712A17	Instrument ID	: GONZO
Sample Amount	: 0.2 ml	GC Column	: RTX-502.2
Level	: LOW	%Solids	: N/A
Extract Volume (MeOH)	: N/A	Injection Volume	: N/A

CAS NO.	Parameter	ug/L			Qualifier
		Results	RL	MDL	
76-13-1	Freon-113	ND	120	35.	U
108-87-2	Methyl cyclohexane	ND	500	20.	U

Results Summary

Form 1

Volatile Organics by GC/MS

Client : Hennessy Engineering & Consulting
 Project Name : FORMER ROXY CLEANER
 Lab ID : L2135784-02
 Client ID : MW-02R
 Sample Location : 154 DELAWARE AVE DELMAR NY
 Sample Matrix : WATER
 Analytical Method : 1,8260C
 Lab File ID : VG210712A18
 Sample Amount : 10 ml
 Level : LOW
 Extract Volume (MeOH) : N/A

Lab Number : L2135784
 Project Number : FORMER ROXY CLEANER
 Date Collected : 07/01/21 13:20
 Date Received : 07/01/21
 Date Analyzed : 07/12/21 15:52
 Dilution Factor : 1
 Analyst : AJK
 Instrument ID : GONZO
 GC Column : RTX-502.2
 %Solids : N/A
 Injection Volume : N/A

CAS NO.	Parameter	ug/L			Qualifier
		Results	RL	MDL	
75-09-2	Methylene chloride	ND	2.5	0.70	U
75-34-3	1,1-Dichloroethane	ND	2.5	0.70	U
67-66-3	Chloroform	ND	2.5	0.70	U
56-23-5	Carbon tetrachloride	ND	0.50	0.13	U
78-87-5	1,2-Dichloropropane	ND	1.0	0.14	U
124-48-1	Dibromochloromethane	ND	0.50	0.15	U
79-00-5	1,1,2-Trichloroethane	ND	1.5	0.50	U
127-18-4	Tetrachloroethene	ND	0.50	0.18	U
108-90-7	Chlorobenzene	ND	2.5	0.70	U
75-69-4	Trichlorofluoromethane	ND	2.5	0.70	U
107-06-2	1,2-Dichloroethane	ND	0.50	0.13	U
71-55-6	1,1,1-Trichloroethane	ND	2.5	0.70	U
75-27-4	Bromodichloromethane	ND	0.50	0.19	U
10061-02-6	trans-1,3-Dichloropropene	ND	0.50	0.16	U
10061-01-5	cis-1,3-Dichloropropene	ND	0.50	0.14	U
75-25-2	Bromoform	ND	2.0	0.65	U
79-34-5	1,1,2,2-Tetrachloroethane	ND	0.50	0.17	U
71-43-2	Benzene	0.31	0.50	0.16	J
108-88-3	Toluene	ND	2.5	0.70	U
100-41-4	Ethylbenzene	ND	2.5	0.70	U
74-87-3	Chloromethane	ND	2.5	0.70	U
74-83-9	Bromomethane	ND	2.5	0.70	U
75-01-4	Vinyl chloride	0.11	1.0	0.07	J
75-00-3	Chloroethane	ND	2.5	0.70	U
75-35-4	1,1-Dichloroethene	ND	0.50	0.17	U



Results Summary

Form 1

Volatile Organics by GC/MS

Client : Hennessy Engineering & Consulting
 Project Name : FORMER ROXY CLEANER
 Lab ID : L2135784-02
 Client ID : MW-02R
 Sample Location : 154 DELAWARE AVE DELMAR NY
 Sample Matrix : WATER
 Analytical Method : 1,8260C
 Lab File ID : VG210712A18
 Sample Amount : 10 ml
 Level : LOW
 Extract Volume (MeOH) : N/A

Lab Number : L2135784
 Project Number : FORMER ROXY CLEANER
 Date Collected : 07/01/21 13:20
 Date Received : 07/01/21
 Date Analyzed : 07/12/21 15:52
 Dilution Factor : 1
 Analyst : AJK
 Instrument ID : GONZO
 GC Column : RTX-502.2
 %Solids : N/A
 Injection Volume : N/A

CAS NO.	Parameter	ug/L			Qualifier
		Results	RL	MDL	
156-60-5	trans-1,2-Dichloroethene	ND	2.5	0.70	U
79-01-6	Trichloroethene	ND	0.50	0.18	U
95-50-1	1,2-Dichlorobenzene	ND	2.5	0.70	U
541-73-1	1,3-Dichlorobenzene	ND	2.5	0.70	U
106-46-7	1,4-Dichlorobenzene	ND	2.5	0.70	U
1634-04-4	Methyl tert butyl ether	ND	2.5	0.70	U
179601-23-1	p/m-Xylene	ND	2.5	0.70	U
95-47-6	o-Xylene	ND	2.5	0.70	U
156-59-2	cis-1,2-Dichloroethene	ND	2.5	0.70	U
100-42-5	Styrene	ND	2.5	0.70	U
75-71-8	Dichlorodifluoromethane	ND	5.0	1.0	U
67-64-1	Acetone	2.7	5.0	1.5	J
75-15-0	Carbon disulfide	ND	5.0	1.0	U
78-93-3	2-Butanone	ND	5.0	1.9	U
108-10-1	4-Methyl-2-pentanone	ND	5.0	1.0	U
591-78-6	2-Hexanone	ND	5.0	1.0	U
74-97-5	Bromochloromethane	ND	2.5	0.70	U
106-93-4	1,2-Dibromoethane	ND	2.0	0.65	U
96-12-8	1,2-Dibromo-3-chloropropane	ND	2.5	0.70	U
98-82-8	Isopropylbenzene	ND	2.5	0.70	U
87-61-6	1,2,3-Trichlorobenzene	ND	2.5	0.70	U
120-82-1	1,2,4-Trichlorobenzene	ND	2.5	0.70	U
79-20-9	Methyl Acetate	ND	2.0	0.23	U
110-82-7	Cyclohexane	ND	10	0.27	U
123-91-1	1,4-Dioxane	ND	250	61.	U



Results Summary

Form 1

Volatile Organics by GC/MS

Client	: Hennessy Engineering & Consulting	Lab Number	: L2135784
Project Name	: FORMER ROXY CLEANER	Project Number	: FORMER ROXY CLEANER
Lab ID	: L2135784-02	Date Collected	: 07/01/21 13:20
Client ID	: MW-02R	Date Received	: 07/01/21
Sample Location	: 154 DELAWARE AVE DELMAR NY	Date Analyzed	: 07/12/21 15:52
Sample Matrix	: WATER	Dilution Factor	: 1
Analytical Method	: 1,8260C	Analyst	: AJK
Lab File ID	: VG210712A18	Instrument ID	: GONZO
Sample Amount	: 10 ml	GC Column	: RTX-502.2
Level	: LOW	%Solids	: N/A
Extract Volume (MeOH)	: N/A	Injection Volume	: N/A

CAS NO.	Parameter	ug/L			Qualifier
		Results	RL	MDL	
76-13-1	Freon-113	ND	2.5	0.70	U
108-87-2	Methyl cyclohexane	ND	10	0.40	U

Results Summary

Form 1

Volatile Organics by GC/MS

Client : Hennessy Engineering & Consulting
 Project Name : FORMER ROXY CLEANER
 Lab ID : L2135784-03
 Client ID : MW-02DR
 Sample Location : 154 DELAWARE AVE DELMAR NY
 Sample Matrix : WATER
 Analytical Method : 1,8260C
 Lab File ID : VG210712A19
 Sample Amount : 10 ml
 Level : LOW
 Extract Volume (MeOH) : N/A

Lab Number : L2135784
 Project Number : FORMER ROXY CLEANER
 Date Collected : 07/01/21 13:10
 Date Received : 07/01/21
 Date Analyzed : 07/12/21 16:20
 Dilution Factor : 1
 Analyst : AJK
 Instrument ID : GONZO
 GC Column : RTX-502.2
 %Solids : N/A
 Injection Volume : N/A

CAS NO.	Parameter	ug/L			Qualifier
		Results	RL	MDL	
75-09-2	Methylene chloride	ND	2.5	0.70	U
75-34-3	1,1-Dichloroethane	ND	2.5	0.70	U
67-66-3	Chloroform	ND	2.5	0.70	U
56-23-5	Carbon tetrachloride	ND	0.50	0.13	U
78-87-5	1,2-Dichloropropane	ND	1.0	0.14	U
124-48-1	Dibromochloromethane	ND	0.50	0.15	U
79-00-5	1,1,2-Trichloroethane	ND	1.5	0.50	U
127-18-4	Tetrachloroethene	ND	0.50	0.18	U
108-90-7	Chlorobenzene	ND	2.5	0.70	U
75-69-4	Trichlorofluoromethane	ND	2.5	0.70	U
107-06-2	1,2-Dichloroethane	ND	0.50	0.13	U
71-55-6	1,1,1-Trichloroethane	ND	2.5	0.70	U
75-27-4	Bromodichloromethane	ND	0.50	0.19	U
10061-02-6	trans-1,3-Dichloropropene	ND	0.50	0.16	U
10061-01-5	cis-1,3-Dichloropropene	ND	0.50	0.14	U
75-25-2	Bromoform	ND	2.0	0.65	U
79-34-5	1,1,2,2-Tetrachloroethane	ND	0.50	0.17	U
71-43-2	Benzene	ND	0.50	0.16	U
108-88-3	Toluene	ND	2.5	0.70	U
100-41-4	Ethylbenzene	ND	2.5	0.70	U
74-87-3	Chloromethane	ND	2.5	0.70	U
74-83-9	Bromomethane	ND	2.5	0.70	U
75-01-4	Vinyl chloride	0.11	1.0	0.07	J
75-00-3	Chloroethane	ND	2.5	0.70	U
75-35-4	1,1-Dichloroethene	ND	0.50	0.17	U



Results Summary

Form 1

Volatile Organics by GC/MS

Client : Hennessy Engineering & Consulting
 Project Name : FORMER ROXY CLEANER
 Lab ID : L2135784-03
 Client ID : MW-02DR
 Sample Location : 154 DELAWARE AVE DELMAR NY
 Sample Matrix : WATER
 Analytical Method : 1,8260C
 Lab File ID : VG210712A19
 Sample Amount : 10 ml
 Level : LOW
 Extract Volume (MeOH) : N/A

Lab Number : L2135784
 Project Number : FORMER ROXY CLEANER
 Date Collected : 07/01/21 13:10
 Date Received : 07/01/21
 Date Analyzed : 07/12/21 16:20
 Dilution Factor : 1
 Analyst : AJK
 Instrument ID : GONZO
 GC Column : RTX-502.2
 %Solids : N/A
 Injection Volume : N/A

CAS NO.	Parameter	ug/L			Qualifier
		Results	RL	MDL	
156-60-5	trans-1,2-Dichloroethene	ND	2.5	0.70	U
79-01-6	Trichloroethene	ND	0.50	0.18	U
95-50-1	1,2-Dichlorobenzene	ND	2.5	0.70	U
541-73-1	1,3-Dichlorobenzene	ND	2.5	0.70	U
106-46-7	1,4-Dichlorobenzene	ND	2.5	0.70	U
1634-04-4	Methyl tert butyl ether	ND	2.5	0.70	U
179601-23-1	p/m-Xylene	ND	2.5	0.70	U
95-47-6	o-Xylene	ND	2.5	0.70	U
156-59-2	cis-1,2-Dichloroethene	ND	2.5	0.70	U
100-42-5	Styrene	ND	2.5	0.70	U
75-71-8	Dichlorodifluoromethane	ND	5.0	1.0	U
67-64-1	Acetone	ND	5.0	1.5	U
75-15-0	Carbon disulfide	ND	5.0	1.0	U
78-93-3	2-Butanone	ND	5.0	1.9	U
108-10-1	4-Methyl-2-pentanone	ND	5.0	1.0	U
591-78-6	2-Hexanone	ND	5.0	1.0	U
74-97-5	Bromochloromethane	ND	2.5	0.70	U
106-93-4	1,2-Dibromoethane	ND	2.0	0.65	U
96-12-8	1,2-Dibromo-3-chloropropane	ND	2.5	0.70	U
98-82-8	Isopropylbenzene	ND	2.5	0.70	U
87-61-6	1,2,3-Trichlorobenzene	ND	2.5	0.70	U
120-82-1	1,2,4-Trichlorobenzene	ND	2.5	0.70	U
79-20-9	Methyl Acetate	ND	2.0	0.23	U
110-82-7	Cyclohexane	ND	10	0.27	U
123-91-1	1,4-Dioxane	ND	250	61.	U



Results Summary

Form 1

Volatile Organics by GC/MS

Client	: Hennessy Engineering & Consulting	Lab Number	: L2135784
Project Name	: FORMER ROXY CLEANER	Project Number	: FORMER ROXY CLEANER
Lab ID	: L2135784-03	Date Collected	: 07/01/21 13:10
Client ID	: MW-02DR	Date Received	: 07/01/21
Sample Location	: 154 DELAWARE AVE DELMAR NY	Date Analyzed	: 07/12/21 16:20
Sample Matrix	: WATER	Dilution Factor	: 1
Analytical Method	: 1,8260C	Analyst	: AJK
Lab File ID	: VG210712A19	Instrument ID	: GONZO
Sample Amount	: 10 ml	GC Column	: RTX-502.2
Level	: LOW	%Solids	: N/A
Extract Volume (MeOH)	: N/A	Injection Volume	: N/A

CAS NO.	Parameter	ug/L			Qualifier
		Results	RL	MDL	
76-13-1	Freon-113	ND	2.5	0.70	U
108-87-2	Methyl cyclohexane	ND	10	0.40	U

Results Summary

Form 1

Volatile Organics by GC/MS

Client : Hennessy Engineering & Consulting
 Project Name : FORMER ROXY CLEANER
 Lab ID : L2135784-04D
 Client ID : MW-03
 Sample Location : 154 DELAWARE AVE DELMAR NY
 Sample Matrix : WATER
 Analytical Method : 1,8260C
 Lab File ID : VG210712A20
 Sample Amount : 2 ml
 Level : LOW
 Extract Volume (MeOH) : N/A

Lab Number : L2135784
 Project Number : FORMER ROXY CLEANER
 Date Collected : 07/01/21 12:40
 Date Received : 07/01/21
 Date Analyzed : 07/12/21 16:47
 Dilution Factor : 5
 Analyst : AJK
 Instrument ID : GONZO
 GC Column : RTX-502.2
 %Solids : N/A
 Injection Volume : N/A

CAS NO.	Parameter	ug/L			Qualifier
		Results	RL	MDL	
75-09-2	Methylene chloride	ND	12	3.5	U
75-34-3	1,1-Dichloroethane	ND	12	3.5	U
67-66-3	Chloroform	ND	12	3.5	U
56-23-5	Carbon tetrachloride	ND	2.5	0.67	U
78-87-5	1,2-Dichloropropane	ND	5.0	0.68	U
124-48-1	Dibromochloromethane	ND	2.5	0.74	U
79-00-5	1,1,2-Trichloroethane	ND	7.5	2.5	U
127-18-4	Tetrachloroethene	99	2.5	0.90	
108-90-7	Chlorobenzene	ND	12	3.5	U
75-69-4	Trichlorofluoromethane	ND	12	3.5	U
107-06-2	1,2-Dichloroethane	ND	2.5	0.66	U
71-55-6	1,1,1-Trichloroethane	ND	12	3.5	U
75-27-4	Bromodichloromethane	ND	2.5	0.96	U
10061-02-6	trans-1,3-Dichloropropene	ND	2.5	0.82	U
10061-01-5	cis-1,3-Dichloropropene	ND	2.5	0.72	U
75-25-2	Bromoform	ND	10	3.2	U
79-34-5	1,1,2,2-Tetrachloroethane	ND	2.5	0.84	U
71-43-2	Benzene	ND	2.5	0.80	U
108-88-3	Toluene	ND	12	3.5	U
100-41-4	Ethylbenzene	ND	12	3.5	U
74-87-3	Chloromethane	ND	12	3.5	U
74-83-9	Bromomethane	ND	12	3.5	U
75-01-4	Vinyl chloride	220	5.0	0.36	
75-00-3	Chloroethane	ND	12	3.5	U
75-35-4	1,1-Dichloroethene	1.4	2.5	0.84	J



Results Summary

Form 1

Volatile Organics by GC/MS

Client : Hennessy Engineering & Consulting
 Project Name : FORMER ROXY CLEANER
 Lab ID : L2135784-04D
 Client ID : MW-03
 Sample Location : 154 DELAWARE AVE DELMAR NY
 Sample Matrix : WATER
 Analytical Method : 1,8260C
 Lab File ID : VG210712A20
 Sample Amount : 2 ml
 Level : LOW
 Extract Volume (MeOH) : N/A

Lab Number : L2135784
 Project Number : FORMER ROXY CLEANER
 Date Collected : 07/01/21 12:40
 Date Received : 07/01/21
 Date Analyzed : 07/12/21 16:47
 Dilution Factor : 5
 Analyst : AJK
 Instrument ID : GONZO
 GC Column : RTX-502.2
 %Solids : N/A
 Injection Volume : N/A

CAS NO.	Parameter	ug/L			Qualifier
		Results	RL	MDL	
156-60-5	trans-1,2-Dichloroethene	6.5	12	3.5	J
79-01-6	Trichloroethene	110	2.5	0.88	J
95-50-1	1,2-Dichlorobenzene	ND	12	3.5	U
541-73-1	1,3-Dichlorobenzene	ND	12	3.5	U
106-46-7	1,4-Dichlorobenzene	ND	12	3.5	U
1634-04-4	Methyl tert butyl ether	ND	12	3.5	U
179601-23-1	p/m-Xylene	ND	12	3.5	U
95-47-6	o-Xylene	ND	12	3.5	U
156-59-2	cis-1,2-Dichloroethene	600	12	3.5	
100-42-5	Styrene	ND	12	3.5	U
75-71-8	Dichlorodifluoromethane	ND	25	5.0	U
67-64-1	Acetone	ND	25	7.3	U
75-15-0	Carbon disulfide	ND	25	5.0	U
78-93-3	2-Butanone	ND	25	9.7	U
108-10-1	4-Methyl-2-pentanone	ND	25	5.0	U
591-78-6	2-Hexanone	ND	25	5.0	U
74-97-5	Bromochloromethane	ND	12	3.5	U
106-93-4	1,2-Dibromoethane	ND	10	3.2	U
96-12-8	1,2-Dibromo-3-chloropropane	ND	12	3.5	U
98-82-8	Isopropylbenzene	ND	12	3.5	U
87-61-6	1,2,3-Trichlorobenzene	ND	12	3.5	U
120-82-1	1,2,4-Trichlorobenzene	ND	12	3.5	U
79-20-9	Methyl Acetate	ND	10	1.2	U
110-82-7	Cyclohexane	ND	50	1.4	U
123-91-1	1,4-Dioxane	ND	1200	300	U



Results Summary

Form 1

Volatile Organics by GC/MS

Client	: Hennessy Engineering & Consulting	Lab Number	: L2135784
Project Name	: FORMER ROXY CLEANER	Project Number	: FORMER ROXY CLEANER
Lab ID	: L2135784-04D	Date Collected	: 07/01/21 12:40
Client ID	: MW-03	Date Received	: 07/01/21
Sample Location	: 154 DELAWARE AVE DELMAR NY	Date Analyzed	: 07/12/21 16:47
Sample Matrix	: WATER	Dilution Factor	: 5
Analytical Method	: 1,8260C	Analyst	: AJK
Lab File ID	: VG210712A20	Instrument ID	: GONZO
Sample Amount	: 2 ml	GC Column	: RTX-502.2
Level	: LOW	%Solids	: N/A
Extract Volume (MeOH)	: N/A	Injection Volume	: N/A

CAS NO.	Parameter	ug/L			Qualifier
		Results	RL	MDL	
76-13-1	Freon-113	ND	12	3.5	U
108-87-2	Methyl cyclohexane	ND	50	2.0	U

Results Summary

Form 1

Volatile Organics by GC/MS

Client : Hennessy Engineering & Consulting
 Project Name : FORMER ROXY CLEANER
 Lab ID : L2135784-05
 Client ID : MW-04
 Sample Location : 154 DELAWARE AVE DELMAR NY
 Sample Matrix : WATER
 Analytical Method : 1,8260C
 Lab File ID : V05210713A21
 Sample Amount : 10 ml
 Level : LOW
 Extract Volume (MeOH) : N/A

Lab Number : L2135784
 Project Number : FORMER ROXY CLEANER
 Date Collected : 07/01/21 12:20
 Date Received : 07/01/21
 Date Analyzed : 07/13/21 15:57
 Dilution Factor : 1
 Analyst : KJD
 Instrument ID : VOA105
 GC Column : RTX-502.2
 %Solids : N/A
 Injection Volume : N/A

CAS NO.	Parameter	ug/L			Qualifier
		Results	RL	MDL	
75-09-2	Methylene chloride	ND	2.5	0.70	U
75-34-3	1,1-Dichloroethane	ND	2.5	0.70	U
67-66-3	Chloroform	ND	2.5	0.70	U
56-23-5	Carbon tetrachloride	ND	0.50	0.13	U
78-87-5	1,2-Dichloropropane	ND	1.0	0.14	U
124-48-1	Dibromochloromethane	ND	0.50	0.15	U
79-00-5	1,1,2-Trichloroethane	ND	1.5	0.50	U
127-18-4	Tetrachloroethene	ND	0.50	0.18	U
108-90-7	Chlorobenzene	ND	2.5	0.70	U
75-69-4	Trichlorofluoromethane	ND	2.5	0.70	U
107-06-2	1,2-Dichloroethane	ND	0.50	0.13	U
71-55-6	1,1,1-Trichloroethane	ND	2.5	0.70	U
75-27-4	Bromodichloromethane	ND	0.50	0.19	U
10061-02-6	trans-1,3-Dichloropropene	ND	0.50	0.16	U
10061-01-5	cis-1,3-Dichloropropene	ND	0.50	0.14	U
75-25-2	Bromoform	ND	2.0	0.65	U
79-34-5	1,1,2,2-Tetrachloroethane	ND	0.50	0.17	U
71-43-2	Benzene	ND	0.50	0.16	U
108-88-3	Toluene	ND	2.5	0.70	U
100-41-4	Ethylbenzene	ND	2.5	0.70	U
74-87-3	Chloromethane	ND	2.5	0.70	U
74-83-9	Bromomethane	ND	2.5	0.70	U
75-01-4	Vinyl chloride	ND	1.0	0.07	U
75-00-3	Chloroethane	ND	2.5	0.70	U
75-35-4	1,1-Dichloroethene	ND	0.50	0.17	U



Results Summary

Form 1

Volatile Organics by GC/MS

Client : Hennessy Engineering & Consulting
 Project Name : FORMER ROXY CLEANER
 Lab ID : L2135784-05
 Client ID : MW-04
 Sample Location : 154 DELAWARE AVE DELMAR NY
 Sample Matrix : WATER
 Analytical Method : 1,8260C
 Lab File ID : V05210713A21
 Sample Amount : 10 ml
 Level : LOW
 Extract Volume (MeOH) : N/A

Lab Number : L2135784
 Project Number : FORMER ROXY CLEANER
 Date Collected : 07/01/21 12:20
 Date Received : 07/01/21
 Date Analyzed : 07/13/21 15:57
 Dilution Factor : 1
 Analyst : KJD
 Instrument ID : VOA105
 GC Column : RTX-502.2
 %Solids : N/A
 Injection Volume : N/A

CAS NO.	Parameter	ug/L			Qualifier
		Results	RL	MDL	
156-60-5	trans-1,2-Dichloroethene	ND	2.5	0.70	U
79-01-6	Trichloroethene	ND	0.50	0.18	U
95-50-1	1,2-Dichlorobenzene	ND	2.5	0.70	U
541-73-1	1,3-Dichlorobenzene	ND	2.5	0.70	U
106-46-7	1,4-Dichlorobenzene	ND	2.5	0.70	U
1634-04-4	Methyl tert butyl ether	ND	2.5	0.70	U
179601-23-1	p/m-Xylene	ND	2.5	0.70	U
95-47-6	o-Xylene	ND	2.5	0.70	U
156-59-2	cis-1,2-Dichloroethene	ND	2.5	0.70	U
100-42-5	Styrene	ND	2.5	0.70	U
75-71-8	Dichlorodifluoromethane	ND	5.0	1.0	U
67-64-1	Acetone	ND	5.0	1.5	U
75-15-0	Carbon disulfide	ND	5.0	1.0	U
78-93-3	2-Butanone	ND	5.0	1.9	U
108-10-1	4-Methyl-2-pentanone	ND	5.0	1.0	U
591-78-6	2-Hexanone	ND	5.0	1.0	U
74-97-5	Bromochloromethane	ND	2.5	0.70	U
106-93-4	1,2-Dibromoethane	ND	2.0	0.65	U
96-12-8	1,2-Dibromo-3-chloropropane	ND	2.5	0.70	U
98-82-8	Isopropylbenzene	ND	2.5	0.70	U
87-61-6	1,2,3-Trichlorobenzene	ND	2.5	0.70	U
120-82-1	1,2,4-Trichlorobenzene	ND	2.5	0.70	U
79-20-9	Methyl Acetate	ND	2.0	0.23	U
110-82-7	Cyclohexane	ND	10	0.27	U
123-91-1	1,4-Dioxane	ND	250	61.	U



Results Summary

Form 1

Volatile Organics by GC/MS

Client	: Hennessy Engineering & Consulting	Lab Number	: L2135784
Project Name	: FORMER ROXY CLEANER	Project Number	: FORMER ROXY CLEANER
Lab ID	: L2135784-05	Date Collected	: 07/01/21 12:20
Client ID	: MW-04	Date Received	: 07/01/21
Sample Location	: 154 DELAWARE AVE DELMAR NY	Date Analyzed	: 07/13/21 15:57
Sample Matrix	: WATER	Dilution Factor	: 1
Analytical Method	: 1,8260C	Analyst	: KJD
Lab File ID	: V05210713A21	Instrument ID	: VOA105
Sample Amount	: 10 ml	GC Column	: RTX-502.2
Level	: LOW	%Solids	: N/A
Extract Volume (MeOH)	: N/A	Injection Volume	: N/A

CAS NO.	Parameter	ug/L			Qualifier
		Results	RL	MDL	
76-13-1	Freon-113	ND	2.5	0.70	U
108-87-2	Methyl cyclohexane	ND	10	0.40	U

Results Summary

Form 1

Volatile Organics by GC/MS

Client : Hennessy Engineering & Consulting
 Project Name : FORMER ROXY CLEANER
 Lab ID : L2135784-06
 Client ID : MW-05
 Sample Location : 154 DELAWARE AVE DELMAR NY
 Sample Matrix : WATER
 Analytical Method : 1,8260C
 Lab File ID : VE210712A14
 Sample Amount : 10 ml
 Level : LOW
 Extract Volume (MeOH) : N/A

Lab Number : L2135784
 Project Number : FORMER ROXY CLEANER
 Date Collected : 07/01/21 12:49
 Date Received : 07/01/21
 Date Analyzed : 07/12/21 13:14
 Dilution Factor : 1
 Analyst : AJK
 Instrument ID : ELAINE
 GC Column : RTX-502.2
 %Solids : N/A
 Injection Volume : N/A

CAS NO.	Parameter	ug/L			Qualifier
		Results	RL	MDL	
75-09-2	Methylene chloride	ND	2.5	0.70	U
75-34-3	1,1-Dichloroethane	ND	2.5	0.70	U
67-66-3	Chloroform	ND	2.5	0.70	U
56-23-5	Carbon tetrachloride	ND	0.50	0.13	U
78-87-5	1,2-Dichloropropane	ND	1.0	0.14	U
124-48-1	Dibromochloromethane	ND	0.50	0.15	U
79-00-5	1,1,2-Trichloroethane	ND	1.5	0.50	U
127-18-4	Tetrachloroethene	0.64	0.50	0.18	
108-90-7	Chlorobenzene	ND	2.5	0.70	U
75-69-4	Trichlorofluoromethane	ND	2.5	0.70	U
107-06-2	1,2-Dichloroethane	ND	0.50	0.13	U
71-55-6	1,1,1-Trichloroethane	ND	2.5	0.70	U
75-27-4	Bromodichloromethane	ND	0.50	0.19	U
10061-02-6	trans-1,3-Dichloropropene	ND	0.50	0.16	U
10061-01-5	cis-1,3-Dichloropropene	ND	0.50	0.14	U
75-25-2	Bromoform	ND	2.0	0.65	U
79-34-5	1,1,2,2-Tetrachloroethane	ND	0.50	0.17	U
71-43-2	Benzene	ND	0.50	0.16	U
108-88-3	Toluene	ND	2.5	0.70	U
100-41-4	Ethylbenzene	ND	2.5	0.70	U
74-87-3	Chloromethane	ND	2.5	0.70	U
74-83-9	Bromomethane	ND	2.5	0.70	U
75-01-4	Vinyl chloride	13	1.0	0.07	
75-00-3	Chloroethane	ND	2.5	0.70	U
75-35-4	1,1-Dichloroethene	ND	0.50	0.17	U



Results Summary

Form 1

Volatile Organics by GC/MS

Client : Hennessy Engineering & Consulting
 Project Name : FORMER ROXY CLEANER
 Lab ID : L2135784-06
 Client ID : MW-05
 Sample Location : 154 DELAWARE AVE DELMAR NY
 Sample Matrix : WATER
 Analytical Method : 1,8260C
 Lab File ID : VE210712A14
 Sample Amount : 10 ml
 Level : LOW
 Extract Volume (MeOH) : N/A

Lab Number : L2135784
 Project Number : FORMER ROXY CLEANER
 Date Collected : 07/01/21 12:49
 Date Received : 07/01/21
 Date Analyzed : 07/12/21 13:14
 Dilution Factor : 1
 Analyst : AJK
 Instrument ID : ELAINE
 GC Column : RTX-502.2
 %Solids : N/A
 Injection Volume : N/A

CAS NO.	Parameter	ug/L			Qualifier
		Results	RL	MDL	
156-60-5	trans-1,2-Dichloroethene	ND	2.5	0.70	U
79-01-6	Trichloroethene	0.77	0.50	0.18	
95-50-1	1,2-Dichlorobenzene	ND	2.5	0.70	U
541-73-1	1,3-Dichlorobenzene	ND	2.5	0.70	U
106-46-7	1,4-Dichlorobenzene	ND	2.5	0.70	U
1634-04-4	Methyl tert butyl ether	ND	2.5	0.70	U
179601-23-1	p/m-Xylene	ND	2.5	0.70	U
95-47-6	o-Xylene	ND	2.5	0.70	U
156-59-2	cis-1,2-Dichloroethene	20	2.5	0.70	
100-42-5	Styrene	ND	2.5	0.70	U
75-71-8	Dichlorodifluoromethane	ND	5.0	1.0	U
67-64-1	Acetone	ND	5.0	1.5	U
75-15-0	Carbon disulfide	ND	5.0	1.0	U
78-93-3	2-Butanone	ND	5.0	1.9	U
108-10-1	4-Methyl-2-pentanone	ND	5.0	1.0	U
591-78-6	2-Hexanone	ND	5.0	1.0	U
74-97-5	Bromochloromethane	ND	2.5	0.70	U
106-93-4	1,2-Dibromoethane	ND	2.0	0.65	U
96-12-8	1,2-Dibromo-3-chloropropane	ND	2.5	0.70	U
98-82-8	Isopropylbenzene	ND	2.5	0.70	U
87-61-6	1,2,3-Trichlorobenzene	ND	2.5	0.70	U
120-82-1	1,2,4-Trichlorobenzene	ND	2.5	0.70	U
79-20-9	Methyl Acetate	ND	2.0	0.23	U
110-82-7	Cyclohexane	ND	10	0.27	U
123-91-1	1,4-Dioxane	ND	250	61.	U R



Results Summary

Form 1

Volatile Organics by GC/MS

Client	: Hennessy Engineering & Consulting	Lab Number	: L2135784
Project Name	: FORMER ROXY CLEANER	Project Number	: FORMER ROXY CLEANER
Lab ID	: L2135784-06	Date Collected	: 07/01/21 12:49
Client ID	: MW-05	Date Received	: 07/01/21
Sample Location	: 154 DELAWARE AVE DELMAR NY	Date Analyzed	: 07/12/21 13:14
Sample Matrix	: WATER	Dilution Factor	: 1
Analytical Method	: 1,8260C	Analyst	: AJK
Lab File ID	: VE210712A14	Instrument ID	: ELAINE
Sample Amount	: 10 ml	GC Column	: RTX-502.2
Level	: LOW	%Solids	: N/A
Extract Volume (MeOH)	: N/A	Injection Volume	: N/A

CAS NO.	Parameter	ug/L			Qualifier
		Results	RL	MDL	
76-13-1	Freon-113	ND	2.5	0.70	U
108-87-2	Methyl cyclohexane	ND	10	0.40	U



Results Summary

Form 1

Volatile Organics by GC/MS

Client : Hennessy Engineering & Consulting
 Project Name : FORMER ROXY CLEANER
 Lab ID : L2135784-07
 Client ID : MW-06
 Sample Location : 154 DELAWARE AVE DELMAR NY
 Sample Matrix : WATER
 Analytical Method : 1,8260C
 Lab File ID : VE210712A15
 Sample Amount : 10 ml
 Level : LOW
 Extract Volume (MeOH) : N/A

Lab Number : L2135784
 Project Number : FORMER ROXY CLEANER
 Date Collected : 07/01/21 13:00
 Date Received : 07/01/21
 Date Analyzed : 07/12/21 13:36
 Dilution Factor : 1
 Analyst : AJK
 Instrument ID : ELAINE
 GC Column : RTX-502.2
 %Solids : N/A
 Injection Volume : N/A

CAS NO.	Parameter	ug/L			Qualifier
		Results	RL	MDL	
75-09-2	Methylene chloride	ND	2.5	0.70	U
75-34-3	1,1-Dichloroethane	ND	2.5	0.70	U
67-66-3	Chloroform	ND	2.5	0.70	U
56-23-5	Carbon tetrachloride	ND	0.50	0.13	U
78-87-5	1,2-Dichloropropane	ND	1.0	0.14	U
124-48-1	Dibromochloromethane	ND	0.50	0.15	U
79-00-5	1,1,2-Trichloroethane	ND	1.5	0.50	U
127-18-4	Tetrachloroethene	ND	0.50	0.18	U
108-90-7	Chlorobenzene	ND	2.5	0.70	U
75-69-4	Trichlorofluoromethane	ND	2.5	0.70	U
107-06-2	1,2-Dichloroethane	ND	0.50	0.13	U
71-55-6	1,1,1-Trichloroethane	ND	2.5	0.70	U
75-27-4	Bromodichloromethane	ND	0.50	0.19	U
10061-02-6	trans-1,3-Dichloropropene	ND	0.50	0.16	U
10061-01-5	cis-1,3-Dichloropropene	ND	0.50	0.14	U
75-25-2	Bromoform	ND	2.0	0.65	U
79-34-5	1,1,2,2-Tetrachloroethane	ND	0.50	0.17	U
71-43-2	Benzene	ND	0.50	0.16	U
108-88-3	Toluene	ND	2.5	0.70	U
100-41-4	Ethylbenzene	ND	2.5	0.70	U
74-87-3	Chloromethane	ND	2.5	0.70	U
74-83-9	Bromomethane	ND	2.5	0.70	U
75-01-4	Vinyl chloride	3.2	1.0	0.07	
75-00-3	Chloroethane	ND	2.5	0.70	U
75-35-4	1,1-Dichloroethene	ND	0.50	0.17	U



Results Summary

Form 1

Volatile Organics by GC/MS

Client : Hennessy Engineering & Consulting
 Project Name : FORMER ROXY CLEANER
 Lab ID : L2135784-07
 Client ID : MW-06
 Sample Location : 154 DELAWARE AVE DELMAR NY
 Sample Matrix : WATER
 Analytical Method : 1,8260C
 Lab File ID : VE210712A15
 Sample Amount : 10 ml
 Level : LOW
 Extract Volume (MeOH) : N/A

Lab Number : L2135784
 Project Number : FORMER ROXY CLEANER
 Date Collected : 07/01/21 13:00
 Date Received : 07/01/21
 Date Analyzed : 07/12/21 13:36
 Dilution Factor : 1
 Analyst : AJK
 Instrument ID : ELAINE
 GC Column : RTX-502.2
 %Solids : N/A
 Injection Volume : N/A

CAS NO.	Parameter	ug/L			Qualifier
		Results	RL	MDL	
156-60-5	trans-1,2-Dichloroethene	ND	2.5	0.70	U
79-01-6	Trichloroethene	0.18	0.50	0.18	J
95-50-1	1,2-Dichlorobenzene	ND	2.5	0.70	U
541-73-1	1,3-Dichlorobenzene	ND	2.5	0.70	U
106-46-7	1,4-Dichlorobenzene	ND	2.5	0.70	U
1634-04-4	Methyl tert butyl ether	ND	2.5	0.70	U
179601-23-1	p/m-Xylene	ND	2.5	0.70	U
95-47-6	o-Xylene	ND	2.5	0.70	U
156-59-2	cis-1,2-Dichloroethene	18	2.5	0.70	
100-42-5	Styrene	ND	2.5	0.70	U
75-71-8	Dichlorodifluoromethane	ND	5.0	1.0	U
67-64-1	Acetone	ND	5.0	1.5	U
75-15-0	Carbon disulfide	ND	5.0	1.0	U
78-93-3	2-Butanone	ND	5.0	1.9	U
108-10-1	4-Methyl-2-pentanone	ND	5.0	1.0	U
591-78-6	2-Hexanone	ND	5.0	1.0	U
74-97-5	Bromochloromethane	ND	2.5	0.70	U
106-93-4	1,2-Dibromoethane	ND	2.0	0.65	U
96-12-8	1,2-Dibromo-3-chloropropane	ND	2.5	0.70	U
98-82-8	Isopropylbenzene	ND	2.5	0.70	U
87-61-6	1,2,3-Trichlorobenzene	ND	2.5	0.70	U
120-82-1	1,2,4-Trichlorobenzene	ND	2.5	0.70	U
79-20-9	Methyl Acetate	ND	2.0	0.23	U
110-82-7	Cyclohexane	ND	10	0.27	U
123-91-1	1,4-Dioxane	ND	250	61.	U R



Results Summary

Form 1

Volatile Organics by GC/MS

Client : Hennessy Engineering & Consulting
 Project Name : FORMER ROXY CLEANER
 Lab ID : L2135784-07
 Client ID : MW-06
 Sample Location : 154 DELAWARE AVE DELMAR NY
 Sample Matrix : WATER
 Analytical Method : 1,8260C
 Lab File ID : VE210712A15
 Sample Amount : 10 ml
 Level : LOW
 Extract Volume (MeOH) : N/A

Lab Number : L2135784
 Project Number : FORMER ROXY CLEANER
 Date Collected : 07/01/21 13:00
 Date Received : 07/01/21
 Date Analyzed : 07/12/21 13:36
 Dilution Factor : 1
 Analyst : AJK
 Instrument ID : ELAINE
 GC Column : RTX-502.2
 %Solids : N/A
 Injection Volume : N/A

CAS NO.	Parameter	ug/L			Qualifier
		Results	RL	MDL	
76-13-1	Freon-113	ND	2.5	0.70	U
108-87-2	Methyl cyclohexane	ND	10	0.40	U



Results Summary

Form 1

Volatile Organics by GC/MS

Client : Hennessy Engineering & Consulting
 Project Name : FORMER ROXY CLEANER
 Lab ID : L2135784-08D
 Client ID : DUPLICATE
 Sample Location : 154 DELAWARE AVE DELMAR NY
 Sample Matrix : WATER
 Analytical Method : 1,8260C
 Lab File ID : VE210712A16
 Sample Amount : 0.2 ml
 Level : LOW
 Extract Volume (MeOH) : N/A

Lab Number : L2135784
 Project Number : FORMER ROXY CLEANER
 Date Collected : 07/01/21 00:00
 Date Received : 07/01/21
 Date Analyzed : 07/12/21 13:57
 Dilution Factor : 50
 Analyst : AJK
 Instrument ID : ELAINE
 GC Column : RTX-502.2
 %Solids : N/A
 Injection Volume : N/A

CAS NO.	Parameter	ug/L			Qualifier
		Results	RL	MDL	
75-09-2	Methylene chloride	ND	120	35.	U
75-34-3	1,1-Dichloroethane	ND	120	35.	U
67-66-3	Chloroform	ND	120	35.	U
56-23-5	Carbon tetrachloride	ND	25	6.7	U
78-87-5	1,2-Dichloropropane	ND	50	6.8	U
124-48-1	Dibromochloromethane	ND	25	7.4	U
79-00-5	1,1,2-Trichloroethane	ND	75	25.	U
127-18-4	Tetrachloroethene	5700	25	9.0	J
108-90-7	Chlorobenzene	ND	120	35.	U
75-69-4	Trichlorofluoromethane	ND	120	35.	U
107-06-2	1,2-Dichloroethane	ND	25	6.6	U
71-55-6	1,1,1-Trichloroethane	ND	120	35.	U
75-27-4	Bromodichloromethane	ND	25	9.6	U
10061-02-6	trans-1,3-Dichloropropene	ND	25	8.2	U
10061-01-5	cis-1,3-Dichloropropene	ND	25	7.2	U
75-25-2	Bromoform	ND	100	32.	U
79-34-5	1,1,2,2-Tetrachloroethane	ND	25	8.4	U
71-43-2	Benzene	ND	25	8.0	U
108-88-3	Toluene	ND	120	35.	U
100-41-4	Ethylbenzene	ND	120	35.	U
74-87-3	Chloromethane	ND	120	35.	U
74-83-9	Bromomethane	ND	120	35.	U
75-01-4	Vinyl chloride	290	50	3.6	
75-00-3	Chloroethane	ND	120	35.	U
75-35-4	1,1-Dichloroethene	ND	25	8.4	U



Results Summary

Form 1

Volatile Organics by GC/MS

Client : Hennessy Engineering & Consulting
 Project Name : FORMER ROXY CLEANER
 Lab ID : L2135784-08D
 Client ID : DUPLICATE
 Sample Location : 154 DELAWARE AVE DELMAR NY
 Sample Matrix : WATER
 Analytical Method : 1,8260C
 Lab File ID : VE210712A16
 Sample Amount : 0.2 ml
 Level : LOW
 Extract Volume (MeOH) : N/A

Lab Number : L2135784
 Project Number : FORMER ROXY CLEANER
 Date Collected : 07/01/21 00:00
 Date Received : 07/01/21
 Date Analyzed : 07/12/21 13:57
 Dilution Factor : 50
 Analyst : AJK
 Instrument ID : ELAINE
 GC Column : RTX-502.2
 %Solids : N/A
 Injection Volume : N/A

CAS NO.	Parameter	ug/L			Qualifier
		Results	RL	MDL	
156-60-5	trans-1,2-Dichloroethene	44	120	35.	J
79-01-6	Trichloroethene	1800	25	8.8	
95-50-1	1,2-Dichlorobenzene	ND	120	35.	U
541-73-1	1,3-Dichlorobenzene	ND	120	35.	U
106-46-7	1,4-Dichlorobenzene	ND	120	35.	U
1634-04-4	Methyl tert butyl ether	ND	120	35.	U
179601-23-1	p/m-Xylene	ND	120	35.	U
95-47-6	o-Xylene	ND	120	35.	U
156-59-2	cis-1,2-Dichloroethene	2500	120	35.	
100-42-5	Styrene	ND	120	35.	U
75-71-8	Dichlorodifluoromethane	ND	250	50.	U
67-64-1	Acetone	ND	250	73.	U
75-15-0	Carbon disulfide	ND	250	50.	U
78-93-3	2-Butanone	ND	250	97.	U
108-10-1	4-Methyl-2-pentanone	ND	250	50.	U
591-78-6	2-Hexanone	ND	250	50.	U
74-97-5	Bromochloromethane	ND	120	35.	U
106-93-4	1,2-Dibromoethane	ND	100	32.	U
96-12-8	1,2-Dibromo-3-chloropropane	ND	120	35.	U
98-82-8	Isopropylbenzene	ND	120	35.	U
87-61-6	1,2,3-Trichlorobenzene	ND	120	35.	U
120-82-1	1,2,4-Trichlorobenzene	ND	120	35.	U
79-20-9	Methyl Acetate	ND	100	12.	U
110-82-7	Cyclohexane	ND	500	14.	U
123-91-1	1,4-Dioxane	ND	12000	3000	U R



Results Summary

Form 1

Volatile Organics by GC/MS

Client	: Hennessy Engineering & Consulting	Lab Number	: L2135784
Project Name	: FORMER ROXY CLEANER	Project Number	: FORMER ROXY CLEANER
Lab ID	: L2135784-08D	Date Collected	: 07/01/21 00:00
Client ID	: DUPLICATE	Date Received	: 07/01/21
Sample Location	: 154 DELAWARE AVE DELMAR NY	Date Analyzed	: 07/12/21 13:57
Sample Matrix	: WATER	Dilution Factor	: 50
Analytical Method	: 1,8260C	Analyst	: AJK
Lab File ID	: VE210712A16	Instrument ID	: ELAINE
Sample Amount	: 0.2 ml	GC Column	: RTX-502.2
Level	: LOW	%Solids	: N/A
Extract Volume (MeOH)	: N/A	Injection Volume	: N/A

CAS NO.	Parameter	ug/L			Qualifier
		Results	RL	MDL	
76-13-1	Freon-113	ND	120	35.	U
108-87-2	Methyl cyclohexane	ND	500	20.	U

Results Summary

Form 1

Volatile Organics by GC/MS

Client : Hennessy Engineering & Consulting
 Project Name : FORMER ROXY CLEANER
 Lab ID : L2135784-09
 Client ID : FIELD BLANK
 Sample Location : 154 DELAWARE AVE DELMAR NY
 Sample Matrix : WATER
 Analytical Method : 1,8260C
 Lab File ID : V01210713A17
 Sample Amount : 10 ml
 Level : LOW
 Extract Volume (MeOH) : N/A

Lab Number : L2135784
 Project Number : FORMER ROXY CLEANER
 Date Collected : 07/01/21 13:40
 Date Received : 07/01/21
 Date Analyzed : 07/13/21 14:24
 Dilution Factor : 1
 Analyst : LAC
 Instrument ID : VOA101
 GC Column : RTX-502.2
 %Solids : N/A
 Injection Volume : N/A

CAS NO.	Parameter	ug/L			Qualifier
		Results	RL	MDL	
75-09-2	Methylene chloride	ND	2.5	0.70	U
75-34-3	1,1-Dichloroethane	ND	2.5	0.70	U
67-66-3	Chloroform	ND	2.5	0.70	U
56-23-5	Carbon tetrachloride	ND	0.50	0.13	U
78-87-5	1,2-Dichloropropane	ND	1.0	0.14	U
124-48-1	Dibromochloromethane	ND	0.50	0.15	U
79-00-5	1,1,2-Trichloroethane	ND	1.5	0.50	U
127-18-4	Tetrachloroethene	ND	0.50	0.18	U
108-90-7	Chlorobenzene	ND	2.5	0.70	U
75-69-4	Trichlorofluoromethane	ND	2.5	0.70	U
107-06-2	1,2-Dichloroethane	ND	0.50	0.13	U
71-55-6	1,1,1-Trichloroethane	ND	2.5	0.70	U
75-27-4	Bromodichloromethane	ND	0.50	0.19	U
10061-02-6	trans-1,3-Dichloropropene	ND	0.50	0.16	U
10061-01-5	cis-1,3-Dichloropropene	ND	0.50	0.14	U
75-25-2	Bromoform	ND	2.0	0.65	U
79-34-5	1,1,2,2-Tetrachloroethane	ND	0.50	0.17	U
71-43-2	Benzene	ND	0.50	0.16	U
108-88-3	Toluene	ND	2.5	0.70	U
100-41-4	Ethylbenzene	ND	2.5	0.70	U
74-87-3	Chloromethane	ND	2.5	0.70	U
74-83-9	Bromomethane	ND	2.5	0.70	U
75-01-4	Vinyl chloride	ND	1.0	0.07	U
75-00-3	Chloroethane	ND	2.5	0.70	U
75-35-4	1,1-Dichloroethene	ND	0.50	0.17	U



Results Summary

Form 1

Volatile Organics by GC/MS

Client : Hennessy Engineering & Consulting
 Project Name : FORMER ROXY CLEANER
 Lab ID : L2135784-09
 Client ID : FIELD BLANK
 Sample Location : 154 DELAWARE AVE DELMAR NY
 Sample Matrix : WATER
 Analytical Method : 1,8260C
 Lab File ID : V01210713A17
 Sample Amount : 10 ml
 Level : LOW
 Extract Volume (MeOH) : N/A

Lab Number : L2135784
 Project Number : FORMER ROXY CLEANER
 Date Collected : 07/01/21 13:40
 Date Received : 07/01/21
 Date Analyzed : 07/13/21 14:24
 Dilution Factor : 1
 Analyst : LAC
 Instrument ID : VOA101
 GC Column : RTX-502.2
 %Solids : N/A
 Injection Volume : N/A

CAS NO.	Parameter	ug/L			Qualifier
		Results	RL	MDL	
156-60-5	trans-1,2-Dichloroethene	ND	2.5	0.70	U
79-01-6	Trichloroethene	ND	0.50	0.18	U
95-50-1	1,2-Dichlorobenzene	ND	2.5	0.70	U
541-73-1	1,3-Dichlorobenzene	ND	2.5	0.70	U
106-46-7	1,4-Dichlorobenzene	ND	2.5	0.70	U
1634-04-4	Methyl tert butyl ether	ND	2.5	0.70	U
179601-23-1	p/m-Xylene	ND	2.5	0.70	U
95-47-6	o-Xylene	ND	2.5	0.70	U
156-59-2	cis-1,2-Dichloroethene	ND	2.5	0.70	U
100-42-5	Styrene	ND	2.5	0.70	U
75-71-8	Dichlorodifluoromethane	ND	5.0	1.0	U
67-64-1	Acetone	ND	5.0	1.5	U
75-15-0	Carbon disulfide	ND	5.0	1.0	U
78-93-3	2-Butanone	ND	5.0	1.9	U
108-10-1	4-Methyl-2-pentanone	ND	5.0	1.0	U
591-78-6	2-Hexanone	ND	5.0	1.0	U
74-97-5	Bromochloromethane	ND	2.5	0.70	U
106-93-4	1,2-Dibromoethane	ND	2.0	0.65	U
96-12-8	1,2-Dibromo-3-chloropropane	ND	2.5	0.70	U
98-82-8	Isopropylbenzene	ND	2.5	0.70	U
87-61-6	1,2,3-Trichlorobenzene	ND	2.5	0.70	U
120-82-1	1,2,4-Trichlorobenzene	ND	2.5	0.70	U
79-20-9	Methyl Acetate	ND	2.0	0.23	U
110-82-7	Cyclohexane	ND	10	0.27	U
123-91-1	1,4-Dioxane	ND	250	61.	U



Results Summary

Form 1

Volatile Organics by GC/MS

Client	: Hennessy Engineering & Consulting	Lab Number	: L2135784
Project Name	: FORMER ROXY CLEANER	Project Number	: FORMER ROXY CLEANER
Lab ID	: L2135784-09	Date Collected	: 07/01/21 13:40
Client ID	: FIELD BLANK	Date Received	: 07/01/21
Sample Location	: 154 DELAWARE AVE DELMAR NY	Date Analyzed	: 07/13/21 14:24
Sample Matrix	: WATER	Dilution Factor	: 1
Analytical Method	: 1,8260C	Analyst	: LAC
Lab File ID	: V01210713A17	Instrument ID	: VOA101
Sample Amount	: 10 ml	GC Column	: RTX-502.2
Level	: LOW	%Solids	: N/A
Extract Volume (MeOH)	: N/A	Injection Volume	: N/A

CAS NO.	Parameter	ug/L			Qualifier
		Results	RL	MDL	
76-13-1	Freon-113	ND	2.5	0.70	U
108-87-2	Methyl cyclohexane	ND	10	0.40	U

Results Summary

Form 1

Volatile Organics by GC/MS

Client : Hennessy Engineering & Consulting
 Project Name : FORMER ROXY CLEANER
 Lab ID : L2135784-10
 Client ID : TRIP BLANK
 Sample Location : 154 DELAWARE AVE DELMAR NY
 Sample Matrix : WATER
 Analytical Method : 1,8260C
 Lab File ID : V01210713A18
 Sample Amount : 10 ml
 Level : LOW
 Extract Volume (MeOH) : N/A

Lab Number : L2135784
 Project Number : FORMER ROXY CLEANER
 Date Collected : 07/01/21 00:00
 Date Received : 07/01/21
 Date Analyzed : 07/13/21 14:47
 Dilution Factor : 1
 Analyst : LAC
 Instrument ID : VOA101
 GC Column : RTX-502.2
 %Solids : N/A
 Injection Volume : N/A

CAS NO.	Parameter	ug/L			Qualifier
		Results	RL	MDL	
75-09-2	Methylene chloride	ND	2.5	0.70	U
75-34-3	1,1-Dichloroethane	ND	2.5	0.70	U
67-66-3	Chloroform	ND	2.5	0.70	U
56-23-5	Carbon tetrachloride	ND	0.50	0.13	U
78-87-5	1,2-Dichloropropane	ND	1.0	0.14	U
124-48-1	Dibromochloromethane	ND	0.50	0.15	U
79-00-5	1,1,2-Trichloroethane	ND	1.5	0.50	U
127-18-4	Tetrachloroethene	ND	0.50	0.18	U
108-90-7	Chlorobenzene	ND	2.5	0.70	U
75-69-4	Trichlorofluoromethane	ND	2.5	0.70	U
107-06-2	1,2-Dichloroethane	ND	0.50	0.13	U
71-55-6	1,1,1-Trichloroethane	ND	2.5	0.70	U
75-27-4	Bromodichloromethane	ND	0.50	0.19	U
10061-02-6	trans-1,3-Dichloropropene	ND	0.50	0.16	U
10061-01-5	cis-1,3-Dichloropropene	ND	0.50	0.14	U
75-25-2	Bromoform	ND	2.0	0.65	U
79-34-5	1,1,2,2-Tetrachloroethane	ND	0.50	0.17	U
71-43-2	Benzene	ND	0.50	0.16	U
108-88-3	Toluene	ND	2.5	0.70	U
100-41-4	Ethylbenzene	ND	2.5	0.70	U
74-87-3	Chloromethane	ND	2.5	0.70	U
74-83-9	Bromomethane	ND	2.5	0.70	U
75-01-4	Vinyl chloride	ND	1.0	0.07	U
75-00-3	Chloroethane	ND	2.5	0.70	U
75-35-4	1,1-Dichloroethene	ND	0.50	0.17	U



Results Summary

Form 1

Volatile Organics by GC/MS

Client : Hennessy Engineering & Consulting
 Project Name : FORMER ROXY CLEANER
 Lab ID : L2135784-10
 Client ID : TRIP BLANK
 Sample Location : 154 DELAWARE AVE DELMAR NY
 Sample Matrix : WATER
 Analytical Method : 1,8260C
 Lab File ID : V01210713A18
 Sample Amount : 10 ml
 Level : LOW
 Extract Volume (MeOH) : N/A

Lab Number : L2135784
 Project Number : FORMER ROXY CLEANER
 Date Collected : 07/01/21 00:00
 Date Received : 07/01/21
 Date Analyzed : 07/13/21 14:47
 Dilution Factor : 1
 Analyst : LAC
 Instrument ID : VOA101
 GC Column : RTX-502.2
 %Solids : N/A
 Injection Volume : N/A

CAS NO.	Parameter	ug/L			Qualifier
		Results	RL	MDL	
156-60-5	trans-1,2-Dichloroethene	ND	2.5	0.70	U
79-01-6	Trichloroethene	ND	0.50	0.18	U
95-50-1	1,2-Dichlorobenzene	ND	2.5	0.70	U
541-73-1	1,3-Dichlorobenzene	ND	2.5	0.70	U
106-46-7	1,4-Dichlorobenzene	ND	2.5	0.70	U
1634-04-4	Methyl tert butyl ether	ND	2.5	0.70	U
179601-23-1	p/m-Xylene	ND	2.5	0.70	U
95-47-6	o-Xylene	ND	2.5	0.70	U
156-59-2	cis-1,2-Dichloroethene	ND	2.5	0.70	U
100-42-5	Styrene	ND	2.5	0.70	U
75-71-8	Dichlorodifluoromethane	ND	5.0	1.0	U
67-64-1	Acetone	ND	5.0	1.5	U
75-15-0	Carbon disulfide	ND	5.0	1.0	U
78-93-3	2-Butanone	ND	5.0	1.9	U
108-10-1	4-Methyl-2-pentanone	ND	5.0	1.0	U
591-78-6	2-Hexanone	ND	5.0	1.0	U
74-97-5	Bromochloromethane	ND	2.5	0.70	U
106-93-4	1,2-Dibromoethane	ND	2.0	0.65	U
96-12-8	1,2-Dibromo-3-chloropropane	ND	2.5	0.70	U
98-82-8	Isopropylbenzene	ND	2.5	0.70	U
87-61-6	1,2,3-Trichlorobenzene	ND	2.5	0.70	U
120-82-1	1,2,4-Trichlorobenzene	ND	2.5	0.70	U
79-20-9	Methyl Acetate	ND	2.0	0.23	U
110-82-7	Cyclohexane	ND	10	0.27	U
123-91-1	1,4-Dioxane	ND	250	61.	U



Results Summary

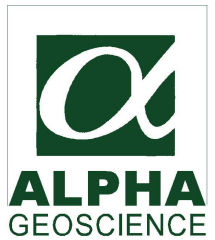
Form 1

Volatile Organics by GC/MS

Client	: Hennessy Engineering & Consulting	Lab Number	: L2135784
Project Name	: FORMER ROXY CLEANER	Project Number	: FORMER ROXY CLEANER
Lab ID	: L2135784-10	Date Collected	: 07/01/21 00:00
Client ID	: TRIP BLANK	Date Received	: 07/01/21
Sample Location	: 154 DELAWARE AVE DELMAR NY	Date Analyzed	: 07/13/21 14:47
Sample Matrix	: WATER	Dilution Factor	: 1
Analytical Method	: 1,8260C	Analyst	: LAC
Lab File ID	: V01210713A18	Instrument ID	: VOA101
Sample Amount	: 10 ml	GC Column	: RTX-502.2
Level	: LOW	%Solids	: N/A
Extract Volume (MeOH)	: N/A	Injection Volume	: N/A

CAS NO.	Parameter	ug/L			Qualifier
		Results	RL	MDL	
76-13-1	Freon-113	ND	2.5	0.70	U
108-87-2	Methyl cyclohexane	ND	10	0.40	U

VOC Data Section



Geology

Hydrology

Remediation

Water Supply

**QA/QC Review of Method 8260C Volatiles Data
for Alpha Analytical, SDG Number: L2135784**

**7 Ground Water Samples, 1 Field Duplicate,
1 Field Blank, and 1 Trip Blank
Collected July 1, 2021**

Prepared by: Donald Anné
October 7, 2021

Holding Times: The samples were analyzed within USEPA holding times.

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

Initial Calibration: The average RRFs for bromomethane, acetone, methyl acetate, 2-butanone, trichloroethene, and 4-methyl-2-pentanone were below the method minimums, but not below 0.010 for ELAINE on 05-06-21. The average RRFs for acetone, 2-butanone, and 4-methyl-2-pentanone were below the method minimums, but not below 0.010 for VOA101 on 06-24-21. The average RRFs for bromomethane, chloroethane, acetone, 2-butanone, and trichloroethene were below the method minimums, but not below 0.010 for GONZO on 06-25-21. The average RRFs for acetone, methyl acetate, 2-butanone, 4-methyl-2-pentanone, and 2-hexanone were below the method minimums, but not below 0.010 for VOA105 on 07-02-21. No action is taken on fewer than 20% of the compounds with method criteria outside control limits per calibration, provided no average RRF is less than 0.010.

The average RRFs for target compounds were above the allowable minimum (0.001 for 1,4-dioxane, 0.010 for all other compounds) and the %RSDs were below the allowable maximum (30%), as required.

Continuing Calibration: The RRFs for chloroethane, acetone, 2-butanone, trichloroethene, and 4-methyl-2-pentanone were below the method minimums, but not below 0.010 on 07-12-21 (VG210712A01). The RRFs for bromomethane, acetone, methyl acetate, 2-butanone, trichloroethene, and 4-methyl-2-pentanone were below the method minimums, but not below 0.010 on 07-12-21 (VE210712A02). The RRFs for methyl acetate, 2-butanone, 4-methyl-2-pentanone, and 1,2-dibromo-3-chloropropane were below the method minimums, but not below 0.010 on 07-13-21 (V01210713A01). The RRFs for acetone, methyl acetate, 2-butanone, 4-methyl-2-pentanone, and 2-hexanone were below the method minimums, but not below 0.010 on 07-13-21 (V05210713A02). The %Ds for 7 compounds (highlighted yellow on attached Form 7) were above the method maximum on 07-12-21 (VG210712A01). The %Ds for 5 compounds (highlighted yellow on attached

Form 7) were above the method maximum on 07-12-21 (VE210712A02). The %Ds for 2-hexanone and 1,2-dibromo-3-chloropropane were above the method maximum on 07-13-21 (V01210713A01). The %Ds for 7 compounds (highlighted yellow on attached Form 7) were above the method maximum on 07-13-21 (V05210713A02). 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 RRF for 1,4-dioxane was below the allowable minimum (0.001) on 07-12-21 (VE210412A02). Positive results for 1,4-dioxane should be considered estimated, biased low (J-) and “not detected” results rejected, unusable (R) in associated samples.

The %Ds for 7 compounds (highlighted yellow on attached Form 7) and 1,4-dioxane were above the allowable maximum (20%) on 07-12-21 (VG210712A01). The %Ds for 5 compounds (highlighted yellow on attached Form 7), 1,4-dioxane, and 1,2,3-trichlorobenzene were above the allowable maximum (20%) on 07-12-21 (VE210712A02). The %Ds for 2-hexanone, 1,4-dioxane, 1,2-dibromo-3-chloropropane, and 1,2,3-trichlorobenzene were above the allowable maximum (20%) on 07-13-21 (V01210713A01). The %Ds for 7 compounds (highlighted yellow on attached Form 7) and 1,4-dioxane were above the allowable maximum (20%) on 07-13-21 (V05210713A02). 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.

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

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

Laboratory Control Sample: The relative percent differences (RPDs) for target compounds were below the allowable maximum and the percent recoveries (%Rs) were within QC limits for aqueous samples WG1523497-3/4.

The RPDs for target compounds were below the allowable maximum, but 1 of 2 %Rs for bromomethane and dichlorodifluoromethane were above QC limits for aqueous samples WG1523359-3/4. The RPDs for target compounds were below the allowable maximum, but 2 of 2 %Rs for bromomethane were above QC limits for aqueous samples WG1523377-3/4. The RPDs for target compounds were below the allowable maximum, but 1 of 2 %Rs for bromochloromethane was above QC limits for aqueous samples WG1523485-3/4.

Field Duplicates: The relative percent difference for tetrachloroethene was above the allowable maximum (20%) for aqueous field duplicate pair MW-1/DUPLICATE (attached table). The positive results for tetrachloroethene should be considered estimated (J) in samples MW-1 and DUPLICATE.

Compound ID: Checked compounds and surrogates were within GC/MS quantitation limits. The mass spectra for detected compounds contained the primary and secondary ions, as outlined in the method.

Laboratory Control Sample Summary

Form 3

Volatiles

Client : Hennessy Engineering & Consulting Lab Number : L2135784
 Project Name : FORMER ROXY CLEANER Project Number : FORMER ROXY CLEANER
 Matrix : WATER
 LCS Sample ID : WG1523359-3 Analysis Date : 07/12/21 08:54 File ID : VE210712A02
 LCSD Sample ID : WG1523359-4 Analysis Date : 07/12/21 09:16 File ID : VE210712A03

Parameter	Laboratory Control Sample			Laboratory Control Duplicate			RPD	Recovery Limits	RPD Limit
	True (ug/l)	Found (ug/l)	%R	True (ug/l)	Found (ug/l)	%R			
Methylene chloride	10	10	100	10	10	100	0	70-130	20
1,1-Dichloroethane	10	11	110	10	11	110	0	70-130	20
Chloroform	10	9.6	96	10	10	100	4	70-130	20
Carbon tetrachloride	10	10	100	10	10	100	0	63-132	20
1,2-Dichloropropane	10	10	100	10	10	100	0	70-130	20
Dibromochloromethane	10	9.4	94	10	9.8	98	4	63-130	20
1,1,2-Trichloroethane	10	9.2	92	10	9.0	90	2	70-130	20
Tetrachloroethene	10	9.8	98	10	10	100	2	70-130	20
Chlorobenzene	10	9.5	95	10	9.6	96	1	75-130	20
Trichlorofluoromethane	10	9.6	96	10	9.2	92	4	62-150	20
1,2-Dichloroethane	10	10	100	10	10	100	0	70-130	20
1,1,1-Trichloroethane	10	8.7	87	10	9.4	94	8	67-130	20
Bromodichloromethane	10	9.5	95	10	9.6	96	1	67-130	20
trans-1,3-Dichloropropene	10	7.9	79	10	7.6	76	4	70-130	20
cis-1,3-Dichloropropene	10	8.7	87	10	8.4	84	4	70-130	20
Bromoform	10	8.5	85	10	8.7	87	2	54-136	20
1,1,2,2-Tetrachloroethane	10	8.7	87	10	8.8	88	1	67-130	20
Benzene	10	10	100	10	10	100	0	70-130	20
Toluene	10	9.3	93	10	9.6	96	3	70-130	20
Ethylbenzene	10	9.4	94	10	9.4	94	0	70-130	20
Chloromethane	10	10	100	10	9.9	99	1	64-130	20
Bromomethane	10	13	130	10	14	140 Q	7	39-139	20
Vinyl chloride	10	11	110	10	11	110	0	55-140	20
Chloroethane	10	13	130	10	12	120	8	55-138	20
1,1-Dichloroethene	10	8.6	86	10	8.1	81	6	61-145	20
trans-1,2-Dichloroethene	10	11	110	10	10	100	10	70-130	20



Laboratory Control Sample Summary

Form 3

Volatiles

Client : Hennessy Engineering & Consulting Lab Number : L2135784
 Project Name : FORMER ROXY CLEANER Project Number : FORMER ROXY CLEANER
 Matrix : WATER
 LCS Sample ID : WG1523359-3 Analysis Date : 07/12/21 08:54 File ID : VE210712A02
 LCSD Sample ID : WG1523359-4 Analysis Date : 07/12/21 09:16 File ID : VE210712A03

Parameter	Laboratory Control Sample			Laboratory Control Duplicate			RPD	Recovery Limits	RPD Limit
	True (ug/l)	Found (ug/l)	%R	True (ug/l)	Found (ug/l)	%R			
Trichloroethene	10	9.3	93	10	9.0	90	3	70-130	20
1,2-Dichlorobenzene	10	9.2	92	10	8.9	89	3	70-130	20
1,3-Dichlorobenzene	10	9.6	96	10	9.4	94	2	70-130	20
1,4-Dichlorobenzene	10	9.3	93	10	9.2	92	1	70-130	20
Methyl tert butyl ether	10	9.0	90	10	8.8	88	2	63-130	20
p/m-Xylene	20	19	95	20	19	95	0	70-130	20
o-Xylene	20	19	95	20	19	95	0	70-130	20
cis-1,2-Dichloroethene	10	9.4	94	10	9.0	90	4	70-130	20
Styrene	20	20	100	20	20	100	0	70-130	20
Dichlorodifluoromethane	10	15	150 Q	10	14	140	7	36-147	20
Acetone	10	9.1	91	10	10	100	9	58-148	20
Carbon disulfide	10	8.8	88	10	7.6	76	15	51-130	20
2-Butanone	10	8.5	85	10	9.3	93	9	63-138	20
4-Methyl-2-pentanone	10	7.4	74	10	7.7	77	4	59-130	20
2-Hexanone	10	8.1	81	10	6.9	69	16	57-130	20
Bromochloromethane	10	9.8	98	10	9.8	98	0	70-130	20
1,2-Dibromoethane	10	8.5	85	10	8.4	84	1	70-130	20
1,2-Dibromo-3-chloropropane	10	8.0	80	10	7.3	73	9	41-144	20
Isopropylbenzene	10	8.9	89	10	8.5	85	5	70-130	20
1,2,3-Trichlorobenzene	10	7.9	79	10	7.6	76	4	70-130	20
1,2,4-Trichlorobenzene	10	8.0	80	10	7.6	76	5	70-130	20
Methyl Acetate	10	11	110	10	11	110	0	70-130	20
Cyclohexane	10	11	110	10	11	110	0	70-130	20
1,4-Dioxane	500	340	68	500	340	68	0	56-162	20
Freon-113	10	9.4	94	10	10	100	6	70-130	20
Methyl cyclohexane	10	9.4	94	10	9.9	99	5	70-130	20



Laboratory Control Sample Summary

Form 3

Volatiles

Client : Hennessy Engineering & Consulting Lab Number : L2135784
 Project Name : FORMER ROXY CLEANER Project Number : FORMER ROXY CLEANER
 Matrix : WATER
 LCS Sample ID : WG1523377-3 Analysis Date : 07/12/21 08:14 File ID : VG210712A01
 LCSD Sample ID : WG1523377-4 Analysis Date : 07/12/21 08:40 File ID : VG210712A02

Parameter	Laboratory Control Sample			Laboratory Control Duplicate			RPD	Recovery Limits	RPD Limit
	True (ug/l)	Found (ug/l)	%R	True (ug/l)	Found (ug/l)	%R			
Methylene chloride	10	9.1	91	10	9.4	94	3	70-130	20
1,1-Dichloroethane	10	9.2	92	10	9.8	98	6	70-130	20
Chloroform	10	9.2	92	10	9.6	96	4	70-130	20
Carbon tetrachloride	10	9.2	92	10	9.4	94	2	63-132	20
1,2-Dichloropropane	10	8.8	88	10	9.4	94	7	70-130	20
Dibromochloromethane	10	8.5	85	10	8.7	87	2	63-130	20
1,1,2-Trichloroethane	10	7.9	79	10	8.4	84	6	70-130	20
Tetrachloroethene	10	8.3	83	10	8.9	89	7	70-130	20
Chlorobenzene	10	8.7	87	10	9.0	90	3	75-130	20
Trichlorofluoromethane	10	9.3	93	10	9.7	97	4	62-150	20
1,2-Dichloroethane	10	9.7	97	10	10	100	3	70-130	20
1,1,1-Trichloroethane	10	8.5	85	10	9.0	90	6	67-130	20
Bromodichloromethane	10	8.8	88	10	9.2	92	4	67-130	20
trans-1,3-Dichloropropene	10	8.5	85	10	8.9	89	5	70-130	20
cis-1,3-Dichloropropene	10	8.9	89	10	9.3	93	4	70-130	20
Bromoform	10	7.5	75	10	8.1	81	8	54-136	20
1,1,2,2-Tetrachloroethane	10	9.5	95	10	10	100	5	67-130	20
Benzene	10	9.0	90	10	9.5	95	5	70-130	20
Toluene	10	8.8	88	10	9.1	91	3	70-130	20
Ethylbenzene	10	8.8	88	10	9.3	93	6	70-130	20
Chloromethane	10	11	110	10	11	110	0	64-130	20
Bromomethane	10	15	150 Q	10	16	160 Q	6	39-139	20
Vinyl chloride	10	9.8	98	10	10	100	2	55-140	20
Chloroethane	10	12	120	10	12	120	0	55-138	20
1,1-Dichloroethene	10	8.4	84	10	8.8	88	5	61-145	20
trans-1,2-Dichloroethene	10	9.0	90	10	9.2	92	2	70-130	20

Laboratory Control Sample Summary

Form 3

Volatiles

Client : Hennessy Engineering & Consulting **Lab Number** : L2135784
Project Name : FORMER ROXY CLEANER **Project Number** : FORMER ROXY CLEANER
Matrix : WATER
LCS Sample ID : WG1523377-3 **Analysis Date** : 07/12/21 08:14 **File ID** : VG210712A01
LCSD Sample ID : WG1523377-4 **Analysis Date** : 07/12/21 08:40 **File ID** : VG210712A02

Parameter	Laboratory Control Sample			Laboratory Control Duplicate			RPD	Recovery Limits	RPD Limit
	True (ug/l)	Found (ug/l)	%R	True (ug/l)	Found (ug/l)	%R			
Trichloroethene	10	7.8	78	10	8.4	84	7	70-130	20
1,2-Dichlorobenzene	10	8.5	85	10	8.8	88	3	70-130	20
1,3-Dichlorobenzene	10	8.7	87	10	9.0	90	3	70-130	20
1,4-Dichlorobenzene	10	8.6	86	10	8.8	88	2	70-130	20
Methyl tert butyl ether	10	9.5	95	10	10	100	5	63-130	20
p/m-Xylene	20	17	85	20	18	90	6	70-130	20
o-Xylene	20	18	90	20	18	90	0	70-130	20
cis-1,2-Dichloroethene	10	8.8	88	10	8.7	87	1	70-130	20
Styrene	20	18	90	20	18	90	0	70-130	20
Dichlorodifluoromethane	10	13	130	10	14	140	7	36-147	20
Acetone	10	10	100	10	8.7	87	14	58-148	20
Carbon disulfide	10	9.6	96	10	9.7	97	1	51-130	20
2-Butanone	10	8.2	82	10	8.6	86	5	63-138	20
4-Methyl-2-pentanone	10	7.5	75	10	8.2	82	9	59-130	20
2-Hexanone	10	8.2	82	10	9.2	92	11	57-130	20
Bromochloromethane	10	9.1	91	10	9.5	95	4	70-130	20
1,2-Dibromoethane	10	8.2	82	10	9.0	90	9	70-130	20
1,2-Dibromo-3-chloropropane	10	7.0	70	10	8.3	83	17	41-144	20
Isopropylbenzene	10	8.8	88	10	9.3	93	6	70-130	20
1,2,3-Trichlorobenzene	10	8.0	80	10	8.4	84	5	70-130	20
1,2,4-Trichlorobenzene	10	8.3	83	10	8.6	86	4	70-130	20
Methyl Acetate	10	8.6	86	10	9.9	99	14	70-130	20
Cyclohexane	10	8.8	88	10	9.6	96	9	70-130	20
1,4-Dioxane	500	390	78	500	460	92	16	56-162	20
Freon-113	10	9.6	96	10	10	100	4	70-130	20
Methyl cyclohexane	10	9.0	90	10	9.4	94	4	70-130	20



Laboratory Control Sample Summary

Form 3

Volatiles

Client : Hennessy Engineering & Consulting **Lab Number** : L2135784
Project Name : FORMER ROXY CLEANER **Project Number** : FORMER ROXY CLEANER
Matrix : WATER
LCS Sample ID : WG1523485-3 **Analysis Date** : 07/13/21 08:36 **File ID** : V05210713A02
LCSD Sample ID : WG1523485-4 **Analysis Date** : 07/13/21 08:59 **File ID** : V05210713A03

Parameter	Laboratory Control Sample			Laboratory Control Duplicate			RPD	Recovery Limits	RPD Limit
	True (ug/l)	Found (ug/l)	%R	True (ug/l)	Found (ug/l)	%R			
Methylene chloride	10	8.6	86	10	8.8	88	2	70-130	20
1,1-Dichloroethane	10	9.0	90	10	9.6	96	6	70-130	20
Chloroform	10	10	100	10	10	100	0	70-130	20
Carbon tetrachloride	10	9.6	96	10	9.6	96	0	63-132	20
1,2-Dichloropropane	10	10	100	10	10	100	0	70-130	20
Dibromochloromethane	10	10	100	10	9.8	98	2	63-130	20
1,1,2-Trichloroethane	10	9.2	92	10	9.3	93	1	70-130	20
Tetrachloroethene	10	11	110	10	10	100	10	70-130	20
Chlorobenzene	10	9.9	99	10	9.8	98	1	75-130	20
Trichlorofluoromethane	10	14	140	10	13	130	7	62-150	20
1,2-Dichloroethane	10	10	100	10	9.8	98	2	70-130	20
1,1,1-Trichloroethane	10	9.9	99	10	9.8	98	1	67-130	20
Bromodichloromethane	10	10	100	10	9.5	95	5	67-130	20
trans-1,3-Dichloropropene	10	8.0	80	10	7.2	72	11	70-130	20
cis-1,3-Dichloropropene	10	9.4	94	10	9.2	92	2	70-130	20
Bromoform	10	7.4	74	10	7.6	76	3	54-136	20
1,1,2,2-Tetrachloroethane	10	10	100	10	10	100	0	67-130	20
Benzene	10	10	100	10	10	100	0	70-130	20
Toluene	10	9.1	91	10	8.9	89	2	70-130	20
Ethylbenzene	10	8.8	88	10	8.6	86	2	70-130	20
Chloromethane	10	9.6	96	10	9.5	95	1	64-130	20
Bromomethane	10	12	120	10	11	110	9	39-139	20
Vinyl chloride	10	10	100	10	9.3	93	7	55-140	20
Chloroethane	10	12	120	10	12	120	0	55-138	20
1,1-Dichloroethene	10	10	100	10	9.2	92	8	61-145	20
trans-1,2-Dichloroethene	10	8.5	85	10	9.6	96	12	70-130	20



Laboratory Control Sample Summary

Form 3

Volatiles

Client : Hennessy Engineering & Consulting Lab Number : L2135784
 Project Name : FORMER ROXY CLEANER Project Number : FORMER ROXY CLEANER
 Matrix : WATER
 LCS Sample ID : WG1523485-3 Analysis Date : 07/13/21 08:36 File ID : V05210713A02
 LCSD Sample ID : WG1523485-4 Analysis Date : 07/13/21 08:59 File ID : V05210713A03

Parameter	Laboratory Control Sample			Laboratory Control Duplicate			RPD	Recovery Limits	RPD Limit
	True (ug/l)	Found (ug/l)	%R	True (ug/l)	Found (ug/l)	%R			
Trichloroethene	10	10	100	10	9.9	99	1	70-130	20
1,2-Dichlorobenzene	10	12	120	10	11	110	9	70-130	20
1,3-Dichlorobenzene	10	12	120	10	11	110	9	70-130	20
1,4-Dichlorobenzene	10	11	110	10	11	110	0	70-130	20
Methyl tert butyl ether	10	7.6	76	10	7.8	78	3	63-130	20
p/m-Xylene	20	20	100	20	19	95	5	70-130	20
o-Xylene	20	20	100	20	19	95	5	70-130	20
cis-1,2-Dichloroethene	10	10	100	10	10	100	0	70-130	20
Styrene	20	20	100	20	19	95	5	70-130	20
Dichlorodifluoromethane	10	11	110	10	11	110	0	36-147	20
Acetone	10	7.8	78	10	7.6	76	3	58-148	20
Carbon disulfide	10	9.1	91	10	8.9	89	2	51-130	20
2-Butanone	10	12	120	10	13	130	8	63-138	20
4-Methyl-2-pentanone	10	8.1	81	10	8.0	80	1	59-130	20
2-Hexanone	10	8.9	89	10	9.8	98	10	57-130	20
Bromochloromethane	10	13	130	10	14	140 Q	7	70-130	20
1,2-Dibromoethane	10	10	100	10	10	100	0	70-130	20
1,2-Dibromo-3-chloropropane	10	9.8	98	10	9.5	95	3	41-144	20
Isopropylbenzene	10	9.8	98	10	9.8	98	0	70-130	20
1,2,3-Trichlorobenzene	10	10	100	10	11	110	10	70-130	20
1,2,4-Trichlorobenzene	10	11	110	10	11	110	0	70-130	20
Methyl Acetate	10	10	100	10	9.2	92	8	70-130	20
Cyclohexane	10	9.6	96	10	9.4	94	2	70-130	20
1,4-Dioxane	500	650	130	500	740	148	13	56-162	20
Freon-113	10	10	100	10	11	110	10	70-130	20
Methyl cyclohexane	10	11	110	10	10	100	10	70-130	20



Initial Calibration Summary

Form 6

Volatiles

Client : Hennessy Engineering & Consulting
Project Name : FORMER ROXY CLEANER
Instrument ID : ELAINE
Calibration dates : 05/06/21 17:20 05/06/21 20:34
Lab Number : L2135784
Project Number : FORMER ROXY CLEANER
Ical Ref : ICAL17912

Calibration Files

L11 =VE210506N04.D L1 =VE210506N06.D L2 =VE210506N08.D L3 =VE210506N09.D L4 =VE210506N10.D
 L6 =VE210506N11.D L8 =VE210506N12.D L10 =VE210506N13.D

Compound	L11	L1	L2	L3	L4	L6	L8	L10	Avg	%RSD
1) I Fluorobenzene	-----ISTD-----									
2) TP Dichlorodifluo		0.074	0.137	0.126	0.114	0.117	0.119	0.114	0.115	17.03
3) TP Chloromethane		0.169	0.208	0.204	0.193	0.185	0.173	0.172	0.186	8.48
4) TC Vinyl chloride	0.102	0.129	0.182	0.179	0.174	0.177	0.174	0.167	0.160	18.13
5) TP Bromomethane		0.051	0.067	0.067	0.073	0.088			0.069#	19.19
6) TP Chloroethane		0.074	0.120	0.113	0.110	0.106	0.101	0.092	0.102	14.93
7) TP Trichlorofluor		0.166	0.248	0.260	0.236	0.237	0.247	0.236	0.233	13.29
8) TP Ethyl ether		0.055	0.071	0.097	0.093	0.093	0.085	0.088	0.083	18.22
10) TC 1,1-Dichloroet		0.106	0.166	0.155	0.148	0.151	0.149	0.149	0.146	12.94
11) TP Carbon disulfide		0.326	0.429	0.408	0.400	0.406	0.390	0.372	0.390	8.54
12) TP Freon-113		0.095	0.148	0.152	0.140	0.146	0.153	0.146	0.140	14.39
13) TP Iodomethane			0.126	0.152	0.170	0.187	0.180	0.171	0.164	13.48
14) TP Acrolein		0.016	0.017	0.020	0.019	0.020	0.018	0.020	0.018#	8.43
15) TP Methylene chlo		0.170	0.189	0.180	0.167	0.175	0.164	0.162	0.173	5.49
17) TP Acetone			0.037	0.032	0.034	0.034	0.033	0.034	0.034#	4.79
18) TP trans-1,2-Dich		0.108	0.163	0.163	0.161	0.162	0.158	0.158	0.153	13.07
19) TP Methyl acetate		0.111	0.079	0.074	0.069	0.073	0.074	0.075	0.079#	17.93
20) TP Methyl tert butyl ether		0.359	0.417	0.477	0.460	0.481	0.460	0.457	0.445	9.69
21) TP tert-Butyl alc			0.012	0.014	0.014	0.013	0.013	0.013	0.013#	5.29
22) TP Diisopropyl ether		0.515	0.546	0.610	0.591	0.621	0.589	0.581	0.579	6.40
23) TP 1,1-Dichloroet		0.252	0.338	0.345	0.323	0.333	0.317	0.318	0.318	9.73
24) TP Halothane		0.078	0.131	0.135	0.141	0.139	0.133	0.133	0.127	17.43
25) TP Acrylonitrile		0.051	0.038	0.046	0.045	0.048	0.045	0.046	0.046#	8.58
26) TP Ethyl tert-but		0.498	0.528	0.589	0.582	0.609	0.579	0.573	0.565	6.79
27) TP Vinyl acetate			0.231	0.311	0.342	0.327	0.327	0.315	0.309	12.82
28) TP cis-1,2-Dichlo		0.171	0.194	0.201	0.186	0.191	0.182	0.182	0.187	5.12
29) TP 2,2-Dichloropr		0.232	0.236	0.282	0.278	0.277	0.272	0.268	0.264	7.84
30) TP Bromochloromet		0.069	0.089	0.091	0.082	0.085	0.078	0.075	0.081	9.68
31) TP Cyclohexane		0.238	0.287	0.304	0.287	0.299	0.306	0.296	0.288	8.08
32) TC Chloroform		0.283	0.317	0.332	0.316	0.328	0.308	0.308	0.313	5.13
33) TP Ethyl acetate			0.085	0.131	0.129	0.133	0.124	0.125	0.121	14.73
34) TP Carbon tetrachloride	0.146	0.173	0.251	0.242	0.243	0.249	0.248	0.243	0.224	18.21
35) TP Tetrahydrofuran		0.047	0.035	0.035	0.032	0.030	0.030	0.032	0.034#	17.61
36) S Dibromofluoromethane	0.221	0.231	0.224	0.235	0.214	0.217	0.221	0.221	0.223	3.14
37) TP 1,1,1-Trichlor		0.212	0.306	0.307	0.302	0.301	0.296	0.288	0.287	11.84
39) TP 2-Butanone			0.041	0.063	0.055	0.055	0.054	0.057	0.054#	13.27



Initial Calibration Summary

Form 6

Volatiles

Client : Hennessy Engineering & Consulting
Project Name : FORMER ROXY CLEANER
Instrument ID : ELAINE
Calibration dates : 05/06/21 17:20 05/06/21 20:34
Lab Number : L2135784
Project Number : FORMER ROXY CLEANER
Ical Ref : ICAL17912

Calibration Files

L11 =VE210506N04.D L1 =VE210506N06.D L2 =VE210506N08.D L3 =VE210506N09.D L4 =VE210506N10.D
 L6 =VE210506N11.D L8 =VE210506N12.D L10 =VE210506N13.D

Compound	L11	L1	L2	L3	L4	L6	L8	L10	Avg	%RSD
40) TP 1,1-Dichloropr	0.101	0.229	0.232	0.236	0.243	0.241	0.233	*L	0.9996	
41) TP Benzene	0.769	0.608	0.704	0.732	0.731	0.746	0.710	0.694	0.712	6.81
42) TP Tertiary-Amyl Methyl Ether	0.462	0.495	0.499	0.502	0.521	0.499	0.496	0.496		3.55
43) S 1,2-Dichloroethane-d4	0.254	0.266	0.261	0.265	0.252	0.252	0.250	0.270	0.259	3.01
44) TP 1,2-Dichloroet	0.210	0.237	0.237	0.237	0.248	0.229	0.231	0.232		5.04
47) TP Methyl cyclohe	0.211	0.305	0.292	0.283	0.301	0.302	0.289	0.283		11.54
48) TP Trichloroethene	0.185	0.177	0.197	0.194	0.197	0.205	0.193	0.191	0.192#	4.31
50) TP Dibromomethane	0.096	0.103	0.100	0.100	0.102	0.097	0.097	0.099		2.72
51) TC 1,2-Dichloropr	0.138	0.180	0.187	0.190	0.196	0.183	0.181	0.179		10.55
53) TP 2-Chloroethyl	0.090	0.115	0.111	0.109	0.114	0.109	0.109	0.108		7.89
54) TP Bromodichlorom	0.242	0.269	0.256	0.249	0.260	0.247	0.245	0.253		3.78
57) TP 1,4-Dioxane	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001#		6.91
58) TP cis-1,3-Dichloropropene	0.260	0.280	0.295	0.298	0.303	0.316	0.299	0.298	0.294	5.68
59) I Chlorobenzene-d5	-----ISTD-----									
60) S Toluene-d8	1.257	1.281	1.271	1.278	1.257	1.247	1.283	1.294	1.271	1.25
61) TC Toluene	0.646	0.534	0.664	0.649	0.670	0.653	0.643	0.624	0.635	6.80
62) TP 4-Methyl-2-pen	0.078	0.071	0.073	0.075	0.075	0.075	0.075	0.076	0.075#	3.06
63) TP Tetrachloroethene	0.185	0.286	0.273	0.281	0.274	0.278	0.271	0.264		13.36
65) TP trans-1,3-Dichloropropene	0.302	0.337	0.358	0.366	0.386	0.391	0.387	0.383	0.364	8.52
67) TP Ethyl methacry	0.321	0.284	0.292	0.298	0.296	0.296	0.293	0.297		3.80
68) TP 1,1,2-Trichlor	0.154	0.158	0.164	0.168	0.169	0.167	0.167	0.164		3.51
69) TP Chlorodibromom	0.215	0.226	0.232	0.240	0.246	0.243	0.240	0.235		4.74
70) TP 1,3-Dichloropr	0.320	0.333	0.342	0.356	0.361	0.353	0.347	0.344		4.17
71) TP 1,2-Dibromoethane	0.168	0.186	0.201	0.202	0.202	0.201	0.195	0.194		6.48
72) TP 2-Hexanone	0.164	0.151	0.130	0.132	0.126	0.127	0.126	0.136		11.00
73) TP Chlorobenzene	0.573	0.720	0.689	0.704	0.691	0.680	0.656	0.673		7.17
74) TC Ethylbenzene	1.146	1.042	1.255	1.226	1.253	1.225	1.194	1.116	1.182	6.36
75) TP 1,1,1,2-Tetrac	0.232	0.247	0.242	0.255	0.256	0.253	0.247	0.248		3.42
76) TP p/m Xylene	0.469	0.385	0.524	0.480	0.495	0.473	0.462	0.426	0.464	9.13
77) TP o Xylene	0.404	0.387	0.465	0.460	0.475	0.456	0.443	0.410	0.438	7.41
78) TP Styrene	0.678	0.665	0.793	0.779	0.812	0.778	0.737	0.660	0.738	8.39
79) I 1,4-Dichlorobenzene-d4	-----ISTD-----									
80) TP Bromoform	0.254	0.275	0.270	0.290	0.309	0.297	0.285	0.283		6.46
82) TP Isopropylbenzene	1.753	2.490	2.352	2.358	2.378	2.280	2.066	2.240		11.19
83) S 4-Bromofluorobenzene	0.977	0.975	0.970	0.965	0.973	0.987	0.988	0.949	0.973	1.29
84) TP Bromobenzene	0.493	0.555	0.538	0.535	0.569	0.541	0.511	0.535		4.84

Initial Calibration Summary

Form 6

Volatiles

Client : Hennessy Engineering & Consulting
Project Name : FORMER ROXY CLEANER
Instrument ID : ELAINE
Calibration dates : 05/06/21 17:20 05/06/21 20:34
Lab Number : L2135784
Project Number : FORMER ROXY CLEANER
Ical Ref : ICAL17912

Calibration Files

L11 =VE210506N04.D L1 =VE210506N06.D L2 =VE210506N08.D L3 =VE210506N09.D L4 =VE210506N10.D
 L6 =VE210506N11.D L8 =VE210506N12.D L10 =VE210506N13.D

Compound	L11	L1	L2	L3	L4	L6	L8	L10	Avg	%RSD
85) TP n-Propylbenzene	2.145	2.930	2.787	2.810	2.827	2.668	2.350	2.645	10.90	
86) TP 1,4-Dichlorobu	0.787	0.737	0.693	0.695	0.735	0.706	0.671	0.718	5.37	
87) TP 1,1,2,2-Tetrac	0.439	0.411	0.402	0.411	0.426	0.416	0.393	0.414	3.67	
88) TP 4-Ethyltoluene	1.733	2.350	2.289	2.277	2.315	2.200	1.966	2.162	10.55	
89) TP 2-Chlorotoluene	1.483	2.004	1.916	1.951	1.997	1.892	1.742	1.855	10.03	
90) TP 1,3,5-Trimethy	1.544	2.151	1.986	2.042	2.068	1.950	1.778	1.931	10.69	
91) TP 1,2,3-Trichlor	0.378	0.387	0.363	0.372	0.385	0.367	0.350	0.372	3.50	
92) TP trans-1,4-Dich	0.178	0.151	0.146	0.148	0.150	0.148	0.142	0.152	7.88	
93) TP 4-Chlorotoluene	1.470	1.826	1.769	1.784	1.843	1.731	1.598	1.717	7.89	
94) TP tert-Butylbenzene	1.346	1.762	1.706	1.695	1.730	1.632	1.501	1.625	9.21	
97) TP 1,2,4-Trimethy	1.617	2.051	1.958	2.029	2.072	1.946	1.778	1.921	8.67	
98) TP sec-Butylbenzene	1.730	2.399	2.227	2.220	2.262	2.160	1.934	2.133	10.59	
99) TP p-Isopropyltol	1.568	2.096	2.031	2.103	2.133	2.007	1.832	1.967	10.30	
100) TP 1,3-Dichlorobe	0.922	1.121	1.057	1.085	1.115	1.054	0.993	1.050	6.74	
101) TP 1,4-Dichlorobe	0.903	1.155	1.074	1.075	1.115	1.055	0.997	1.053	7.81	
102) TP p-Diethylbenzene	0.903	1.275	1.177	1.217	1.255	1.194	1.132	1.165	10.73	
103) TP n-Butylbenzene	1.343	1.914	1.815	1.886	1.920	1.808	1.698	1.769	11.49	
104) TP 1,2-Dichlorobe	0.902	1.057	0.987	0.993	1.035	0.976	0.935	0.984	5.44	
105) TP 1,2,4,5-Tetram	1.601	1.911	1.872	1.901	1.989	1.870	1.761	1.844	6.87	
106) TP 1,2-Dibromo-3-	0.065	0.066	0.072	0.068	0.071	0.071	0.072	0.069	3.99	
107) TP 1,3,5-Trichlor	0.577	0.746	0.693	0.710	0.762	0.728	0.713	0.704	8.64	
108) TP Hexachlorobuta	0.229	0.273	0.262	0.267	0.290	0.280	0.273	0.268	7.25	
109) TP 1,2,4-Trichlor	0.554	0.657	0.641	0.666	0.708	0.686	0.668	0.654	7.50	
110) TP Naphthalene	1.369	1.529	1.493	1.495	1.544	1.516	1.469	1.488	3.90	
111) TP 1,2,3-Trichlor	0.580	0.586	0.567	0.592	0.629	0.627	0.602	0.598	3.89	

Initial Calibration Summary

Form 6

Volatiles

Client : Hennessy Engineering & Consulting
 Project Name : FORMER ROXY CLEANER
 Instrument ID : VOA101
 Calibration dates : 06/24/21 11:17 06/25/21 00:35

Lab Number : L2135784
 Project Number : FORMER ROXY CLEANER
 Ical Ref : ICAL18085

Calibration Files

L11 =V01210624N04.D L1 =V01210624A05.D L2 =V01210624A07.D L3 =V01210624A08.D L4 =V01210624A09.D
 L6 =V01210624A10.D L8 =V01210624A11.D L10 =V01210624A12.D

Compound	L11	L1	L2	L3	L4	L6	L8	L10	Avg	%RSD
1) I Fluorobenzene	-----ISTD-----									
2) TP Dichlorodifluo		0.136	0.183	0.190	0.204	0.208	0.217	0.209	0.193	14.28
3) TP Chloromethane		0.210	0.249	0.245	0.250	0.257	0.271	0.270	0.250	8.12
4) TC Vinyl chloride	0.252	0.189	0.265	0.269	0.274	0.272	0.276	0.270	0.258	11.22
5) TP Bromomethane		0.096	0.115	0.124	0.145	0.177	0.193		*Q	0.9996
6) TP Chloroethane		0.139	0.183	0.176	0.181	0.188	0.188	0.178	0.176	9.77
7) TP Trichlorofluor		0.276	0.363	0.382	0.407	0.407	0.413	0.403	0.379	12.78
8) TP Ethyl ether		0.100	0.116	0.118	0.118	0.116	0.113	0.109	0.113	5.84
10) TC 1,1-Dichloroet		0.173	0.222	0.232	0.241	0.236	0.241	0.242	0.227	10.86
11) TP Carbon disulfide		0.482	0.608	0.617	0.636	0.632	0.656	0.664	0.614	9.99
12) TP Freon-113		0.156	0.217	0.231	0.252	0.246	0.253	0.250	0.229	15.30
13) TP Iodomethane		0.166	0.244	0.280	0.295	0.289	0.278	0.263	0.259	17.12
14) TP Acrolein			0.015	0.016	0.017	0.017	0.017	0.016	0.016#	5.12
15) TP Methylene chlo		0.230	0.254	0.253	0.247	0.243	0.244	0.236	0.244	3.48
16) TP Isopropyl alcohol		0.005	0.008	0.009	0.009	0.009	0.008	0.008	0.008#	16.87
17) TP Acetone			0.074	0.044	0.044	0.046	0.041	0.040	*L	0.9975
18) TP trans-1,2-Dich		0.187	0.241	0.246	0.246	0.246	0.252	0.250	0.238	9.69
19) TP Methyl acetate		0.130	0.124	0.108	0.112	0.115	0.108	0.104	0.115	8.25
20) TP Methyl tert butyl ether		0.466	0.556	0.570	0.578	0.571	0.549	0.532	0.546	7.05
21) TP tert-Butyl alc		0.010	0.015	0.015	0.015	0.015	0.013	0.013	0.014#	12.91
22) TP Diisopropyl ether		0.650	0.768	0.794	0.819	0.832	0.843	0.822	0.789	8.43
23) TP 1,1-Dichloroet		0.390	0.480	0.498	0.500	0.500	0.504	0.496	0.481	8.51
24) TP Halothane		0.133	0.178	0.188	0.196	0.196	0.200	0.202	0.185	13.04
25) TP Acrylonitrile		0.034	0.052	0.052	0.055	0.054	0.052	0.051	0.050	14.40
26) TP Ethyl tert-but		0.613	0.728	0.746	0.764	0.781	0.782	0.765	0.740	8.00
27) TP Vinyl acetate		0.360	0.405	0.395	0.409	0.399	0.429	0.429	0.404	5.83
28) TP cis-1,2-Dichlo		0.218	0.267	0.282	0.280	0.284	0.287	0.284	0.272	8.98
29) TP 2,2-Dichloropr		0.296	0.377	0.389	0.397	0.390	0.409	0.399	0.380	10.03
30) TP Bromochloromet		0.098	0.121	0.126	0.126	0.119	0.114	0.108	0.116	8.66
31) TP Cyclohexane		0.319	0.423	0.437	0.483	0.478	0.497	0.501	0.448	14.33
32) TC Chloroform		0.387	0.469	0.468	0.469	0.471	0.474	0.467	0.458	6.79
33) TP Ethyl acetate		0.175	0.170	0.160	0.168	0.166	0.153	0.148	0.163	5.94
34) TP Carbon tetrachloride	0.347	0.256	0.331	0.366	0.399	0.400	0.408	0.406	0.364	14.38
35) TP Tetrahydrofuran		0.053	0.054	0.048	0.048	0.046	0.042	0.040	0.047#	11.19
36) S Dibromofluoromethane	0.254	0.253	0.252	0.258	0.258	0.263	0.262	0.262	0.258	1.62
37) TP 1,1,1-Trichlor		0.301	0.398	0.415	0.437	0.436	0.444	0.436	0.410	12.31



Initial Calibration Summary

Form 6

Volatiles

Client : Hennessy Engineering & Consulting
Project Name : FORMER ROXY CLEANER
Instrument ID : VOA101
Calibration dates : 06/24/21 11:17 06/25/21 00:35
Lab Number : L2135784
Project Number : FORMER ROXY CLEANER
Ical Ref : ICAL18085

Calibration Files

L11 =V01210624N04.D L1 =V01210624A05.D L2 =V01210624A07.D L3 =V01210624A08.D L4 =V01210624A09.D
 L6 =V01210624A10.D L8 =V01210624A11.D L10 =V01210624A12.D

Compound	L11	L1	L2	L3	L4	L6	L8	L10	Avg	%RSD
38) TP 2-Butanol			0.010	0.010	0.011	0.012	0.010	0.010	0.011#	7.49
39) TP 2-Butanone		0.076	0.072	0.066	0.066	0.067	0.062	0.060	0.067#	8.38
40) TP 1,1-Dichloropr		0.251	0.335	0.352	0.366	0.360	0.365	0.360	0.341	12.08
41) TP Benzene	0.985	0.768	0.955	0.988	0.978	0.981	1.005	1.000	0.958	8.17
42) TP Tertiary-Amyl Methyl Ether		0.509	0.615	0.637	0.638	0.640	0.625	0.612	0.611	7.59
43) S 1,2-Dichloroethane-d4	0.274	0.276	0.292	0.291	0.291	0.299	0.288	0.302	0.289	3.44
44) TP 1,2-Dichloroet		0.273	0.321	0.321	0.330	0.331	0.328	0.316	0.317	6.43
46) TP 2-Methyl-2-but		0.008	0.012	0.012	0.013	0.013	0.011	0.011	0.011#	15.05
47) TP Methyl cyclohe		0.298	0.381	0.392	0.424	0.424	0.452	0.446	0.402	13.11
48) TP Trichloroethene	0.229	0.198	0.271	0.288	0.293	0.297	0.302	0.300	0.272	14.12
50) TP Dibromomethane		0.102	0.137	0.139	0.142	0.142	0.139	0.135	0.134	10.52
51) TC 1,2-Dichloropr		0.210	0.256	0.268	0.269	0.269	0.273	0.267	0.259	8.65
52) TP 4-penten-2-ol			0.007	0.008	0.009	0.009	0.008	0.008	0.008#	8.62
53) TP 2-Chloroethyl			0.038	0.036	0.037	0.033	0.026	0.024	0.032#	18.09
54) TP Bromodichlorom		0.262	0.329	0.336	0.353	0.354	0.361	0.350	0.335	10.21
57) TP 1,4-Dioxane		0.001	0.002	0.002	0.002	0.001	0.001	0.001	0.001#	9.92
58) TP cis-1,3-Dichloropropene		0.294	0.388	0.407	0.418	0.420	0.427	0.414	0.395	11.73
59) I Chlorobenzene-d5	-----ISTD-----									
60) S Toluene-d8	1.308	1.303	1.303	1.300	1.283	1.253	1.241	1.240	1.279	2.31
61) TC Toluene		0.703	0.824	0.841	0.844	0.845	0.872	0.858	0.827	6.85
62) TP 4-Methyl-2-pen		0.049	0.078	0.084	0.083	0.081	0.075	0.075	0.075#	15.86
63) TP Tetrachloroethene		0.269	0.374	0.380	0.393	0.387	0.405	0.402	0.373	12.64
65) TP trans-1,3-Dichloropropene		0.365	0.432	0.466	0.474	0.468	0.470	0.457	0.447	8.73
66) TP 4-Methyl-2-pen		0.026	0.036	0.039	0.042	0.042	0.036	0.036	0.037#	15.09
67) TP Ethyl methacry		0.243	0.324	0.331	0.338	0.329	0.319	0.313	0.314	10.29
68) TP 1,1,2-Trichlor		0.177	0.209	0.211	0.211	0.207	0.205	0.200	0.203	6.02
69) TP Chlorodibromom		0.203	0.268	0.295	0.316	0.320	0.318	0.310	0.290	14.72
70) TP 1,3-Dichloropr		0.341	0.436	0.435	0.434	0.417	0.408	0.395	0.410	8.26
71) TP 1,2-Dibromoethane		0.171	0.241	0.248	0.254	0.247	0.240	0.231	0.233	12.12
72) TP 2-Hexanone		0.151	0.148	0.142	0.147	0.140	0.128	0.123	0.140	7.53
73) TP Chlorobenzene		0.762	0.930	0.956	0.969	0.974	1.001	0.962	0.936	8.51
74) TC Ethylbenzene		1.254	1.534	1.624	1.666	1.678	1.736	1.672	1.595	10.19
75) TP 1,1,1,2-Tetrac		0.236	0.315	0.344	0.362	0.364	0.369	0.355	0.335	14.15
76) TP p/m Xylene		0.477	0.616	0.653	0.697	0.700	0.714	0.680	0.648	12.74
77) TP o Xylene		0.468	0.580	0.617	0.657	0.666	0.678	0.633	0.614	11.82
78) TP Styrene		0.738	0.929	1.005	1.119	1.123	1.137	1.042	1.013	14.07



Initial Calibration Summary

Form 6

Volatiles

Client : Hennessy Engineering & Consulting
Project Name : FORMER ROXY CLEANER
Instrument ID : VOA101
Calibration dates : 06/24/21 11:17 06/25/21 00:35
Lab Number : L2135784
Project Number : FORMER ROXY CLEANER
Ical Ref : ICAL18085

Calibration Files

L11 =V01210624N04.D L1 =V01210624A05.D L2 =V01210624A07.D L3 =V01210624A08.D L4 =V01210624A09.D
 L6 =V01210624A10.D L8 =V01210624A11.D L10 =V01210624A12.D

Compound	L11	L1	L2	L3	L4	L6	L8	L10	Avg	%RSD
79) I 1,4-Dichlorobenzene-d4	-----ISTD-----									
80) TP Bromoform		0.241	0.301	0.333	0.364	0.370	0.363	0.344	0.331	13.98
82) TP Isopropylbenzene		2.375	2.913	3.001	3.096	3.121	3.233	3.030	2.967	9.43
83) S 4-Bromofluorobenzene	0.979	0.990	0.976	0.982	0.943	0.936	0.933	0.918	0.957	2.87
84) TP Bromobenzene		0.586	0.686	0.694	0.693	0.704	0.727	0.678	0.681	6.58
85) TP n-Propylbenzene		2.719	3.395	3.477	3.550	3.586	3.729	3.470	3.418	9.54
86) TP 1,4-Dichlorobu		0.733	0.816	0.830	0.839	0.845	0.812	0.761	0.805	5.21
87) TP 1,1,2,2-Tetrac		0.404	0.500	0.475	0.465	0.456	0.447	0.430	0.454	6.85
88) TP 4-Ethyltoluene		2.162	2.677	2.807	2.888	2.902	3.030	2.817	2.755	10.26
89) TP 2-Chlorotoluene		1.709	2.064	2.053	2.092	2.125	2.192	2.040	2.039	7.58
90) TP 1,3,5-Trimethy		1.834	2.260	2.407	2.493	2.479	2.575	2.402	2.350	10.55
91) TP 1,2,3-Trichlor		0.352	0.430	0.425	0.417	0.415	0.397	0.374	0.401	7.22
92) TP trans-1,4-Dich		0.083	0.136	0.144	0.149	0.150	0.146	0.137	0.135	17.30
93) TP 4-Chlorotoluene		1.754	2.106	2.170	2.188	2.208	2.285	2.134	2.121	8.09
94) TP tert-Butylbenzene		1.510	1.920	2.007	2.085	2.087	2.200	2.050	1.980	11.31
97) TP 1,2,4-Trimethy		1.821	2.218	2.353	2.409	2.402	2.501	2.319	2.289	9.79
98) TP sec-Butylbenzene		1.861	2.302	2.424	2.529	2.515	2.667	2.482	2.397	10.90
99) TP p-Isopropyltol		1.660	2.129	2.300	2.426	2.405	2.549	2.366	2.262	13.03
100) TP 1,3-Dichlorobe		1.058	1.224	1.286	1.339	1.345	1.392	1.295	1.277	8.63
101) TP 1,4-Dichlorobe		1.066	1.265	1.303	1.342	1.347	1.392	1.291	1.287	8.22
102) TP p-Diethylbenzene		0.889	1.148	1.263	1.322	1.309	1.403	1.308	1.235	13.81
103) TP n-Butylbenzene		1.379	1.750	1.828	1.906	1.870	2.007	1.872	1.802	11.21
104) TP 1,2-Dichlorobe		0.891	1.080	1.132	1.162	1.163	1.187	1.107	1.103	9.11
105) TP 1,2,4,5-Tetram		1.251	1.561	1.689	1.749	1.750	1.861	1.740	1.657	12.07
106) TP 1,2-Dibromo-3-		0.034	0.062	0.062	0.068	0.067	0.064	0.062	0.060	19.53
107) TP 1,3,5-Trichlor		0.457	0.575	0.595	0.609	0.595	0.632	0.587	0.579	9.77
108) TP Hexachlorobuta		0.165	0.197	0.200	0.203	0.197	0.219	0.210	0.199	8.40
109) TP 1,2,4-Trichlor		0.361	0.470	0.477	0.487	0.466	0.481	0.461	0.458	9.54
110) TP Naphthalene		0.814	0.986	0.971	1.009	0.968	0.912	0.891	0.936	7.26
111) TP 1,2,3-Trichlor		0.291	0.363	0.343	0.362	0.346	0.339	0.327	0.339	7.25



Initial Calibration Summary

Form 6

Volatiles

Client : Hennessy Engineering & Consulting
Project Name : FORMER ROXY CLEANER
Instrument ID : GONZO
Calibration dates : 06/25/21 16:10 06/25/21 20:09
Lab Number : L2135784
Project Number : FORMER ROXY CLEANER
Ical Ref : ICAL18092

Calibration Files

L11 =VG210625N03.D L1 =VG210625N05.D L2 =VG210625N06.D L3 =VG210625N08.D L4 =VG210625N09.D
 L6 =VG210625N10.D L8 =VG210625N11.D L10 =VG210625N12.D

Compound	L11	L1	L2	L3	L4	L6	L8	L10	Avg	%RSD
1) I Fluorobenzene	-----ISTD-----									
2) TP Dichlorodifluo		0.114	0.150	0.112	0.114	0.112	0.118	0.119	0.120	11.18
3) TP Chloromethane		0.259	0.262	0.226	0.228	0.228	0.244	0.245	0.242	6.14
4) TC Vinyl chloride	0.284	0.171	0.226	0.196	0.194	0.196	0.208	0.214	0.211	15.86
5) TP Bromomethane		0.063	0.050	0.047	0.058	0.069	0.082		*Q	0.9997
6) TP Chloroethane		0.058	0.073	0.071	0.064	0.052	0.056	0.052	0.061#	14.18
7) TP Trichlorofluor		0.164	0.222	0.192	0.196	0.214	0.227	0.231	0.207	11.50
8) TP Ethyl ether		0.068	0.078	0.082	0.080	0.080	0.082	0.083	0.079	6.29
10) TC 1,1-Dichloroet		0.133	0.165	0.126	0.141	0.141	0.152	0.152	0.144	9.13
11) TP Carbon disulfide		0.366	0.470	0.409	0.400	0.402	0.429	0.435	0.416	7.89
12) TP Freon-113		0.112	0.137	0.130	0.133	0.131	0.138	0.140	0.132	7.20
13) TP Iodomethane			0.112	0.136	0.159	0.161	0.169	0.169	0.151	15.16
14) TP Acrolein			0.026	0.018	0.015	0.017	0.017	0.018	*L	0.9978
15) TP Methylene chlo		0.169	0.167	0.151	0.152	0.150	0.156	0.156	0.157	4.94
17) TP Acetone			0.074	0.062	0.056	0.059	0.059	0.060	0.062#	10.57
18) TP trans-1,2-Dich		0.143	0.179	0.145	0.146	0.145	0.152	0.155	0.152	8.33
19) TP Methyl acetate			0.154	0.143	0.140	0.137	0.135	0.134	0.141	5.16
20) TP Methyl tert butyl ether		0.428	0.446	0.422	0.415	0.422	0.432	0.434	0.429	2.36
21) TP tert-Butyl alc			0.024	0.020	0.022	0.023	0.023	0.023	0.022#	6.14
22) TP Diisopropyl ether		0.704	0.778	0.726	0.727	0.716	0.742	0.737	0.733	3.22
23) TP 1,1-Dichloroet		0.330	0.384	0.365	0.360	0.357	0.377	0.370	0.363	4.84
24) TP Halothane		0.099	0.123	0.112	0.113	0.114	0.119	0.119	0.114	6.77
25) TP Acrylonitrile		0.126	0.088	0.079	0.078	0.081	0.080	0.082	0.088	19.83
26) TP Ethyl tert-but		0.695	0.721	0.689	0.687	0.683	0.704	0.709	0.698	1.95
27) TP Vinyl acetate		0.260	0.318	0.333	0.309	0.259	0.276	0.264	0.288	10.67
28) TP cis-1,2-Dichlo		0.193	0.201	0.177	0.175	0.170	0.179	0.181	0.182	5.87
29) TP 2,2-Dichloropr		0.214	0.226	0.199	0.207	0.200	0.207	0.207	0.208	4.38
30) TP Bromochloromet		0.076	0.080	0.072	0.069	0.065	0.068	0.067	0.071	7.55
31) TP Cyclohexane		0.373	0.449	0.415	0.417	0.412	0.431	0.433	0.419	5.70
32) TC Chloroform		0.299	0.279	0.264	0.276	0.274	0.288	0.285	0.281	3.96
33) TP Ethyl acetate		0.219	0.225	0.192	0.194	0.196	0.195	0.198	0.203	6.58
34) TP Carbon tetrachloride		0.210	0.231	0.206	0.212	0.211	0.222	0.222	0.216	4.00
35) TP Tetrahydrofuran		0.069	0.068	0.063	0.060	0.063	0.060	0.062	0.064	5.62
36) S Dibromofluoromethane	0.217	0.217	0.220	0.221	0.223	0.217	0.217	0.220	0.219	1.09
37) TP 1,1,1-Trichlor		0.285	0.279	0.257	0.260	0.256	0.268	0.269	0.268	4.19
39) TP 2-Butanone		0.094	0.108	0.092	0.092	0.094	0.096	0.096	0.096#	5.91



Initial Calibration Summary

Form 6

Volatiles

Client : Hennessy Engineering & Consulting
Project Name : FORMER ROXY CLEANER
Instrument ID : GONZO
Calibration dates : 06/25/21 16:10 06/25/21 20:09
Lab Number : L2135784
Project Number : FORMER ROXY CLEANER
Ical Ref : ICAL18092

Calibration Files

L11 =VG210625N03.D L1 =VG210625N05.D L2 =VG210625N06.D L3 =VG210625N08.D L4 =VG210625N09.D
 L6 =VG210625N10.D L8 =VG210625N11.D L10 =VG210625N12.D

Compound	L11	L1	L2	L3	L4	L6	L8	L10	Avg	%RSD
40) TP 1,1-Dichloropr		0.204	0.228	0.208	0.214	0.210	0.221	0.222	0.215	4.00
41) TP Benzene		0.570	0.671	0.619	0.630	0.619	0.651	0.653	0.631	5.21
42) TP Tertiary-Amyl Methyl Ether		0.473	0.463	0.442	0.442	0.449	0.458	0.461	0.455	2.55
43) S 1,2-Dichloroethane-d4	0.321	0.334	0.319	0.332	0.317	0.315	0.313	0.326	0.322	2.42
44) TP 1,2-Dichloroet		0.267	0.276	0.261	0.257	0.253	0.260	0.260	0.262	2.92
47) TP Methyl cyclohe		0.291	0.323	0.287	0.286	0.277	0.290	0.293	0.293	4.94
48) TP Trichloroethene		0.199	0.211	0.187	0.184	0.187	0.194	0.194	0.194#	4.70
50) TP Dibromomethane		0.100	0.106	0.092	0.094	0.092	0.095	0.095	0.096	5.22
51) TC 1,2-Dichloropr		0.196	0.220	0.201	0.206	0.204	0.211	0.210	0.207	3.87
53) TP 2-Chloroethyl		0.120	0.140	0.128	0.133	0.133	0.135	0.138	0.133	5.21
54) TP Bromodichlorom		0.237	0.247	0.219	0.221	0.217	0.227	0.228	0.228	4.78
57) TP 1,4-Dioxane		0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002#	8.94
58) TP cis-1,3-Dichloropropene		0.250	0.273	0.267	0.263	0.259	0.269	0.270	0.264	2.95
59) I Chlorobenzene-d5	-----ISTD-----									
60) S Toluene-d8	1.371	1.360	1.361	1.354	1.340	1.356	1.375	1.377	1.362	0.91
61) TC Toluene		0.563	0.631	0.591	0.568	0.565	0.604	0.591	0.588	4.23
62) TP 4-Methyl-2-pen			0.143	0.124	0.115	0.119	0.120	0.119	0.123	8.07
63) TP Tetrachloroethene		0.208	0.252	0.237	0.235	0.236	0.254	0.250	0.239	6.52
65) TP trans-1,3-Dichloropropene		0.331	0.355	0.345	0.346	0.346	0.365	0.360	0.350	3.24
67) TP Ethyl methacry		0.339	0.328	0.287	0.284	0.286	0.295	0.294	0.302	7.39
68) TP 1,1,2-Trichlor		0.221	0.189	0.166	0.160	0.161	0.168	0.167	0.176	12.57
69) TP Chlorodibromom		0.214	0.220	0.217	0.216	0.218	0.232	0.230	0.221	3.15
70) TP 1,3-Dichloropr		0.339	0.353	0.326	0.327	0.330	0.346	0.345	0.338	3.13
71) TP 1,2-Dibromoethane		0.186	0.193	0.189	0.188	0.191	0.201	0.201	0.193	3.06
72) TP 2-Hexanone			0.203	0.196	0.190	0.193	0.197	0.198	0.196	2.27
73) TP Chlorobenzene		0.559	0.668	0.619	0.601	0.595	0.637	0.627	0.615	5.63
74) TC Ethylbenzene		1.110	1.267	1.141	1.108	1.094	1.176	1.160	1.151	5.14
75) TP 1,1,1,2-Tetrac		0.230	0.241	0.214	0.215	0.216	0.232	0.229	0.225	4.58
76) TP p/m Xylene		0.394	0.474	0.432	0.418	0.414	0.442	0.430	0.429	5.85
77) TP o Xylene		0.389	0.437	0.416	0.401	0.392	0.418	0.406	0.408	4.07
78) TP Styrene		0.614	0.735	0.688	0.686	0.670	0.708	0.689	0.684	5.46
79) I 1,4-Dichlorobenzene-d4	-----ISTD-----									
80) TP Bromoform		0.263	0.287	0.272	0.283	0.290	0.307	0.303	0.286	5.50
82) TP Isopropylbenzene		1.652	1.968	1.865	1.844	1.799	1.957	1.916	1.857	5.87
83) S 4-Bromofluorobenzene	0.964	1.007	0.968	0.985	0.987	0.972	1.001	0.974	0.982	1.59
84) TP Bromobenzene		0.383	0.506	0.447	0.461	0.445	0.475	0.466	0.455	8.30



Initial Calibration Summary

Form 6

Volatiles

Client : Hennessy Engineering & Consulting
Project Name : FORMER ROXY CLEANER
Instrument ID : GONZO
Calibration dates : 06/25/21 16:10 06/25/21 20:09
Lab Number : L2135784
Project Number : FORMER ROXY CLEANER
Ical Ref : ICAL18092

Calibration Files

L11 =VG210625N03.D L1 =VG210625N05.D L2 =VG210625N06.D L3 =VG210625N08.D L4 =VG210625N09.D
 L6 =VG210625N10.D L8 =VG210625N11.D L10 =VG210625N12.D

Compound	L11	L1	L2	L3	L4	L6	L8	L10	Avg	%RSD
85) TP n-Propylbenzene	2.303	2.637	2.470	2.415	2.351	2.535	2.480	2.456	4.58	
86) TP 1,4-Dichlorobu	0.982	0.995	0.906	0.903	0.892	0.952	0.932	0.938	4.33	
87) TP 1,1,2,2-Tetrac	0.616	0.428	0.379	0.369	0.351	0.373	0.369	*L	0.9995	
88) TP 4-Ethyltoluene	1.711	2.019	1.882	1.848	1.799	1.952	1.899	1.873	5.37	
89) TP 2-Chlorotoluene	1.242	1.551	1.485	1.468	1.426	1.532	1.462	1.452	7.01	
90) TP 1,3,5-Trimethy	1.523	1.777	1.671	1.645	1.599	1.720	1.658	1.656	4.94	
91) TP 1,2,3-Trichlor	0.453	0.377	0.349	0.362	0.363	0.380	0.369	0.379	9.01	
92) TP trans-1,4-Dich	0.268	0.246	0.188	0.188	0.186	0.195	0.190	0.209	16.11	
93) TP 4-Chlorotoluene	1.483	1.679	1.522	1.511	1.474	1.593	1.548	1.544	4.63	
94) TP tert-Butylbenzene	1.219	1.503	1.387	1.393	1.355	1.454	1.409	1.389	6.41	
97) TP 1,2,4-Trimethy	1.538	1.725	1.613	1.595	1.556	1.676	1.651	1.622	4.09	
98) TP sec-Butylbenzene	1.689	2.015	1.887	1.879	1.830	1.954	1.922	1.882	5.51	
99) TP p-Isopropyltol	1.543	1.891	1.742	1.755	1.706	1.819	1.791	1.749	6.23	
100) TP 1,3-Dichlorobe	0.762	0.920	0.859	0.870	0.844	0.904	0.879	0.862	5.94	
101) TP 1,4-Dichlorobe	0.815	0.907	0.858	0.874	0.849	0.903	0.882	0.870	3.71	
102) TP p-Diethylbenzene	0.889	1.113	1.020	1.012	0.991	1.051	1.050	1.018	6.77	
103) TP n-Butylbenzene	1.593	1.764	1.707	1.687	1.642	1.738	1.736	1.695	3.55	
104) TP 1,2-Dichlorobe	0.723	0.829	0.806	0.804	0.776	0.820	0.815	0.796	4.57	
105) TP 1,2,4,5-Tetram	1.414	1.498	1.424	1.412	1.399	1.501	1.502	1.450	3.29	
106) TP 1,2-Dibromo-3-	0.088	0.077	0.078	0.076	0.077	0.082	0.083	0.080	5.61	
107) TP 1,3,5-Trichlor	0.510	0.657	0.638	0.626	0.621	0.662	0.658	0.625	8.52	
108) TP Hexachlorobuta	0.307	0.359	0.320	0.332	0.331	0.350	0.347	0.335	5.38	
109) TP 1,2,4-Trichlor	0.555	0.571	0.549	0.538	0.544	0.576	0.567	0.557	2.61	
110) TP Naphthalene	1.471	1.227	1.154	1.181	1.176	1.219	1.225	1.236	8.67	
111) TP 1,2,3-Trichlor	0.501	0.477	0.468	0.472	0.474	0.493	0.479	0.481	2.48	

Initial Calibration Summary

Form 6

Volatiles

Client : Hennessy Engineering & Consulting
Project Name : FORMER ROXY CLEANER
Instrument ID : VOA105
Calibration dates : 07/02/21 13:47 07/02/21 17:38
Lab Number : L2135784
Project Number : FORMER ROXY CLEANER
Ical Ref : ICAL18119

Calibration Files

L11 =V05210702A02.d L1 =V05210702A04.d L2 =V05210702A07.d L3 =V05210702A08.d L4 =V05210702A09.d
 L6 =V05210702A10.d L8 =V05210702A11.d L10 =V05210702A12.d

Compound	L11	L1	L2	L3	L4	L6	L8	L10	Avg	%RSD
1) I Fluorobenzene	-----ISTD-----									
2) TP Dichlorodifluo		0.230	0.301	0.279	0.268	0.227	0.251	0.242	0.257	10.50
3) TP Chloromethane		0.280	0.315	0.310	0.272	0.255	0.262	0.253	0.278	9.18
4) TC Vinyl chloride	0.339	0.240	0.301	0.283	0.269	0.243	0.275	0.275	0.278	11.42
5) TP Bromomethane		0.171	0.187	0.174	0.182	0.181	0.193	0.191	0.183	4.57
6) TP Chloroethane		0.139	0.194	0.191	0.175	0.161	0.169	0.149	0.168	12.13
7) TP Trichlorofluor		0.312	0.380	0.366	0.346	0.305	0.342	0.341	0.342	7.80
8) TP Ethyl ether		0.095	0.115	0.108	0.107	0.107	0.118	0.119	0.110	7.71
10) TC 1,1-Dichloroet		0.172	0.213	0.207	0.187	0.164	0.204	0.203	0.193	9.80
11) TP Carbon disulfide		0.582	0.687	0.666	0.584	0.533	0.593	0.612	0.608	8.64
12) TP Freon-113		0.148	0.195	0.212	0.189	0.160	0.189	0.195	0.184	11.96
13) TP Iodomethane			0.193	0.257	0.263	0.262	0.258	0.236	0.245	11.21
14) TP Acrolein			0.013	0.017	0.018	0.018	0.019	0.021	0.018#	14.88
15) TP Methylene chlo		0.214	0.227	0.230	0.209	0.199	0.202	0.194	0.211	6.45
17) TP Acetone			0.038	0.036	0.031	0.029	0.031	0.034	0.033#	10.00
18) TP trans-1,2-Dich		0.175	0.218	0.231	0.212	0.202	0.205	0.200	0.206	8.48
19) TP Methyl acetate		0.089	0.086	0.087	0.075	0.073	0.080	0.084	0.082#	7.58
20) TP Methyl tert butyl ether		0.324	0.358	0.417	0.419	0.429	0.465	0.466	0.411	12.90
21) TP tert-Butyl alc			0.008	0.008	0.008	0.007	0.009	0.010	0.008#	11.36
22) TP Diisopropyl ether		0.473	0.584	0.618	0.594	0.593	0.623	0.627	0.587	9.05
23) TP 1,1-Dichloroet		0.382	0.432	0.446	0.408	0.385	0.388	0.368	0.401	7.20
24) TP Halothane		0.143	0.163	0.174	0.164	0.152	0.158	0.156	0.159	6.12
25) TP Acrylonitrile			0.029	0.044	0.043	0.041	0.044	0.045	0.041#	14.34
26) TP Ethyl tert-but		0.414	0.489	0.510	0.516	0.515	0.540	0.539	0.503	8.55
27) TP Vinyl acetate		0.287	0.354	0.364	0.375	0.379	0.408	0.426	0.371	11.98
28) TP cis-1,2-Dichlo		0.213	0.276	0.255	0.246	0.231	0.234	0.228	0.240	8.59
29) TP 2,2-Dichloropr		0.292	0.366	0.379	0.354	0.317	0.328	0.311	0.335	9.49
30) TP Bromochloromet		0.072	0.090	0.098	0.095	0.088	0.085	0.078	0.087	10.36
31) TP Cyclohexane		0.314	0.380	0.420	0.393	0.329	0.369	0.366	0.367	9.86
32) TC Chloroform		0.366	0.403	0.409	0.376	0.357	0.355	0.342	0.373	6.73
33) TP Ethyl acetate		0.126	0.116	0.125	0.114	0.110	0.122	0.127	0.120	5.52
34) TP Carbon tetrachloride	0.248	0.224	0.291	0.304	0.298	0.274	0.292	0.282	0.277	9.94
35) TP Tetrahydrofuran		0.037	0.041	0.038	0.035	0.032	0.036	0.037	0.037#	7.16
36) S Dibromofluoromethane	0.269	0.279	0.279	0.264	0.247	0.238	0.234	0.230	0.255	7.93
37) TP 1,1,1-Trichlor		0.268	0.341	0.366	0.340	0.308	0.318	0.305	0.321	9.88
39) TP 2-Butanone		0.039	0.048	0.042	0.040	0.042	0.048	0.052	0.044#	11.12



Initial Calibration Summary

Form 6

Volatiles

Client : Hennessy Engineering & Consulting
Project Name : FORMER ROXY CLEANER
Instrument ID : VOA105
Calibration dates : 07/02/21 13:47 07/02/21 17:38
Lab Number : L2135784
Project Number : FORMER ROXY CLEANER
Ical Ref : ICAL18119

Calibration Files

L11 =V05210702A02.d L1 =V05210702A04.d L2 =V05210702A07.d L3 =V05210702A08.d L4 =V05210702A09.d
 L6 =V05210702A10.d L8 =V05210702A11.d L10 =V05210702A12.d

Compound	L11	L1	L2	L3	L4	L6	L8	L10	Avg	%RSD
40) TP 1,1-Dichloropr		0.217	0.260	0.287	0.299	0.270	0.282	0.272	0.270	9.78
41) TP Benzene	0.916	0.706	0.882	0.875	0.856	0.809	0.824	0.800	0.833	7.80
42) TP Tertiary-Amyl Methyl Ether		0.371	0.442	0.426	0.439	0.445	0.476	0.485	0.441	8.47
43) S 1,2-Dichloroethane-d4	0.286	0.293	0.305	0.307	0.276	0.267	0.284	0.291	0.289	4.74
44) TP 1,2-Dichloroet		0.231	0.273	0.279	0.262	0.253	0.258	0.249	0.258	6.13
47) TP Methyl cyclohe		0.308	0.382	0.421	0.417	0.351	0.398	0.398	0.382	10.52
48) TP Trichloroethene	0.327	0.211	0.219	0.238	0.231	0.210	0.214	0.213	0.233	16.95
50) TP Dibromomethane		0.084	0.121	0.123	0.119	0.118	0.122	0.119	0.115	12.08
51) TC 1,2-Dichloropr		0.139	0.211	0.228	0.221	0.213	0.214	0.209	0.205	14.65
53) TP 2-Chloroethyl			0.058	0.070	0.060	0.051	0.076	0.079	0.066	16.79
54) TP Bromodichlorom		0.239	0.273	0.296	0.283	0.278	0.275	0.268	0.273	6.39
57) TP 1,4-Dioxane		0.000	0.001	0.001	0.001	0.001	0.001	0.001	*L	0.9969
58) TP cis-1,3-Dichloropropene		0.240	0.303	0.346	0.338	0.335	0.341	0.333	0.320	11.78
59) I Chlorobenzene-d5	-----ISTD-----									
60) S Toluene-d8	1.323	1.280	1.328	1.317	1.361	1.381	1.346	1.387	1.341	2.66
61) TC Toluene		0.610	0.722	0.766	0.779	0.740	0.732	0.746	0.728	7.65
62) TP 4-Methyl-2-pen			0.044	0.052	0.054	0.052	0.053	0.060	0.052#	9.67
63) TP Tetrachloroethene		0.253	0.289	0.335	0.352	0.320	0.330	0.334	0.316	10.72
65) TP trans-1,3-Dichloropropene		0.246	0.336	0.381	0.407	0.401	0.398	0.403	0.367	16.03
67) TP Ethyl methacry		0.210	0.254	0.281	0.278	0.263	0.271	0.290	0.264	10.09
68) TP 1,1,2-Trichlor		0.143	0.164	0.167	0.175	0.171	0.172	0.179	0.167	7.01
69) TP Chlorodibromom		0.140	0.192	0.223	0.248	0.246	0.248	0.256	0.222	19.07
70) TP 1,3-Dichloropr		0.333	0.371	0.392	0.425	0.410	0.414	0.424	0.396	8.45
71) TP 1,2-Dibromoethane		0.130	0.171	0.187	0.207	0.205	0.209	0.212	0.189	15.71
72) TP 2-Hexanone		0.064	0.096	0.100	0.100	0.097	0.104	0.114	0.097#	15.94
73) TP Chlorobenzene		0.641	0.797	0.845	0.835	0.800	0.791	0.813	0.789	8.64
74) TC Ethylbenzene		1.304	1.488	1.558	1.534	1.423	1.410	1.444	1.452	5.90
75) TP 1,1,1,2-Tetrac		0.176	0.233	0.267	0.285	0.279	0.281	0.279	0.257	15.56
76) TP p/m Xylene		0.468	0.528	0.581	0.565	0.512	0.524	0.551	0.533	7.02
77) TP o Xylene		0.438	0.522	0.556	0.546	0.520	0.519	0.539	0.520	7.50
78) TP Styrene		0.706	0.854	0.912	0.933	0.896	0.884	0.910	0.871	8.83
79) I 1,4-Dichlorobenzene-d4	-----ISTD-----									
80) TP Bromoform		0.146	0.203	0.249	0.280	0.298	0.313		*L	0.9976
82) TP Isopropylbenzene		2.047	2.286	2.468	2.449	2.207	2.268	2.268	2.285	6.29
83) S 4-Bromofluorobenzene	0.942	0.925	0.908	0.917	0.910	0.909	0.891	0.897	0.912	1.74
84) TP Bromobenzene		0.446	0.525	0.544	0.548	0.528	0.533	0.534	0.522	6.66



Initial Calibration Summary

Form 6

Volatiles

Client : Hennessy Engineering & Consulting
Project Name : FORMER ROXY CLEANER
Instrument ID : VOA105
Calibration dates : 07/02/21 13:47 07/02/21 17:38
Lab Number : L2135784
Project Number : FORMER ROXY CLEANER
Ical Ref : ICAL18119

Calibration Files

L11 =V05210702A02.d L1 =V05210702A04.d L2 =V05210702A07.d L3 =V05210702A08.d L4 =V05210702A09.d
 L6 =V05210702A10.d L8 =V05210702A11.d L10 =V05210702A12.d

Compound	L11	L1	L2	L3	L4	L6	L8	L10	Avg	%RSD
85) TP n-Propylbenzene	2.690	2.878	3.351	3.205	2.908	2.992	2.958	2.997	7.28	
86) TP 1,4-Dichlorobu	0.625	0.603	0.621	0.584	0.557	0.584	0.614	0.598	4.11	
87) TP 1,1,2,2-Tetrac	0.344	0.331	0.389	0.374	0.359	0.377	0.404	0.368	6.92	
88) TP 4-Ethyltoluene	1.986	2.252	2.561	2.439	2.233	2.283	2.286	2.291	7.83	
89) TP 2-Chlorotoluene	1.665	2.005	1.875	1.799	1.651	1.691	1.686	1.767	7.50	
90) TP 1,3,5-Trimethy	1.736	1.938	2.182	2.099	1.930	1.981	1.961	1.975	7.13	
91) TP 1,2,3-Trichlor	0.238	0.308	0.321	0.302	0.289	0.310	0.333	0.300	10.23	
92) TP trans-1,4-Dich		0.102	0.125	0.121	0.112	0.124	0.129	0.119	8.55	
93) TP 4-Chlorotoluene	1.680	1.849	1.991	1.930	1.753	1.753	1.729	1.812	6.31	
94) TP tert-Butylbenzene	1.434	1.561	1.844	1.814	1.647	1.719	1.683	1.672	8.52	
97) TP 1,2,4-Trimethy	1.702	1.862	2.139	2.064	1.938	1.952	1.934	1.942	7.22	
98) TP sec-Butylbenzene	2.229	2.454	2.855	2.784	2.496	2.655	2.621	2.585	8.21	
99) TP p-Isopropyltol	1.860	2.018	2.376	2.355	2.143	2.261	2.217	2.176	8.53	
100) TP 1,3-Dichlorobe	0.952	1.001	1.205	1.165	1.132	1.138	1.114	1.101	8.26	
101) TP 1,4-Dichlorobe	0.933	1.013	1.147	1.106	1.092	1.114	1.085	1.070	6.81	
102) TP p-Diethylbenzene	1.047	1.216	1.400	1.355	1.272	1.333	1.325	1.278	9.22	
103) TP n-Butylbenzene	1.673	1.978	2.264	2.212	2.031	2.178	2.195	2.076	9.88	
104) TP 1,2-Dichlorobe	0.797	0.917	1.020	0.995	0.978	0.985	0.977	0.953	7.93	
105) TP 1,2,4,5-Tetram	1.508	1.690	1.991	1.896	1.855	1.915	1.907	1.823	9.15	
106) TP 1,2-Dibromo-3-	0.027	0.049	0.058	0.055	0.056	0.062	0.067	*L	0.9947	
107) TP 1,3,5-Trichlor	0.629	0.757	0.903	0.860	0.818	0.848	0.831	0.807	11.17	
108) TP Hexachlorobuta	0.274	0.293	0.341	0.338	0.304	0.337	0.339	0.318	8.59	
109) TP 1,2,4-Trichlor	0.507	0.568	0.670	0.648	0.615	0.646	0.661	0.617	9.59	
110) TP Naphthalene	0.902	0.931	1.039	0.989	0.969	1.062	1.105	0.999	7.31	
111) TP 1,2,3-Trichlor	0.454	0.451	0.536	0.510	0.499	0.551	0.553	0.508	8.41	

Calibration Verification Summary

Form 7

Volatiles

Client : Hennessy Engineering & Consulting
 Project Name : FORMER ROXY CLEANER
 Instrument ID : GONZO
 Lab File ID : VG210712A01
 Sample No : WG1523377-2
 Channel :

Lab Number : L2135784
 Project Number : FORMER ROXY CLEANER
 Calibration Date : 07/12/21 08:14
 Init. Calib. Date(s) : 06/25/21 06/25/21
 Init. Calib. Times : 16:10 20:09

Compound	Ave. RRF	RRF	Min RRF	%D	Max %D	Area%	Dev(min)
Fluorobenzene	1	1	-	0	20	106	0
Dichlorodifluoromethane	0.12	0.158	-	-31.7*	20	149	0
Chloromethane	0.242	0.26	-	-7.4	20	121	0
Vinyl chloride	0.211	0.207	-	1.9	20	111	0
Bromomethane	10	15.35	-	-53.5*	20	177	0
Chloroethane	0.061	0.072*	-	-18	20	107	0
Trichlorofluoromethane	0.207	0.193	-	6.8	20	106	0
Ethyl ether	0.079	0.08	-	-1.3	20	104	0
1,1-Dichloroethene	0.144	0.121	-	16	20	101	0
Carbon disulfide	0.416	0.398	-	4.3	20	103	0
Freon-113	0.132	0.127	-	3.8	20	103	0
Iodomethane	0.151	0.107	-	29.1*	20	84	0
Acrolein	10	13.917	-	-39.2*	20	147	0
Methylene chloride	0.157	0.143	-	8.9	20	100	0
Acetone	0.062	0.065*	-	-4.8	20	110	0
trans-1,2-Dichloroethene	0.152	0.137	-	9.9	20	99	0
Methyl acetate	0.141	0.12	-	14.9	20	89	0
Methyl tert-butyl ether	0.429	0.407	-	5.1	20	102	0
tert-Butyl alcohol	0.022	0.018*	-	18.2	20	94	0
Diisopropyl ether	0.733	0.698	-	4.8	20	101	0
1,1-Dichloroethane	0.363	0.334	-	8	20	97	0
Halothane	0.114	0.099	-	13.2	20	93	-.02
Acrylonitrile	0.088	0.073	-	17	20	97	0
Ethyl tert-butyl ether	0.698	0.614	-	12	20	94	0
Vinyl acetate	0.288	0.454	-	-57.6*	20	144	0
cis-1,2-Dichloroethene	0.182	0.16	-	12.1	20	95	0
2,2-Dichloropropane	0.208	0.241	-	-15.9	20	128	0
Bromochloromethane	0.071	0.065	-	8.5	20	95	0
Cyclohexane	0.419	0.367	-	12.4	20	93	0
Chloroform	0.281	0.258	-	8.2	20	103	0
Ethyl acetate	0.203	0.173	-	14.8	20	95	0
Carbon tetrachloride	0.216	0.198	-	8.3	20	101	0
Tetrahydrofuran	0.064	0.06	-	6.3	20	101	0
Dibromofluoromethane	0.219	0.236	-	-7.8	20	113	0
1,1,1-Trichloroethane	0.268	0.227	-	15.3	20	94	0
2-Butanone	0.096	0.079*	-	17.7	20	90	0
1,1-Dichloropropene	0.215	0.196	-	8.8	20	99	0
Benzene	0.631	0.571	-	9.5	20	97	0
tert-Amyl methyl ether	0.455	0.399	-	12.3	20	95	0
1,2-Dichloroethane-d4	0.322	0.359	-	-11.5	20	114	0
1,2-Dichloroethane	0.262	0.253	-	3.4	20	103	0
Methyl cyclohexane	0.293	0.264	-	9.9	20	97	0
Trichloroethene	0.194	0.151*	-	22.2*	20	85	0

* Value outside of QC limits.



Calibration Verification Summary

Form 7

Volatiles

Client : Hennessy Engineering & Consulting
 Project Name : FORMER ROXY CLEANER
 Instrument ID : GONZO
 Lab File ID : VG210712A01
 Sample No : WG1523377-2
 Channel :

Lab Number : L2135784
 Project Number : FORMER ROXY CLEANER
 Calibration Date : 07/12/21 08:14
 Init. Calib. Date(s) : 06/25/21 06/25/21
 Init. Calib. Times : 16:10 20:09

Compound	Ave. RRF	RRF	Min RRF	%D	Max %D	Area%	Dev(min)
Dibromomethane	0.096	0.083	-	13.5	20	95	0
1,2-Dichloropropane	0.207	0.182	-	12.1	20	95	0
2-Chloroethyl vinyl ether	0.133	0.105	-	21.1*	20	86	0
Bromodichloromethane	0.228	0.2	-	12.3	20	97	0
1,4-Dioxane	0.00182	0.00142*	-	22*	20	86	0
cis-1,3-Dichloropropene	0.264	0.236	-	10.6	20	93	0
Chlorobenzene-d5	1	1	-	0	20	108	0
Toluene-d8	1.362	1.345	-	1.2	20	107	0
Toluene	0.588	0.515	-	12.4	20	94	0
4-Methyl-2-pentanone	0.123	0.093*	-	24.4*	20	81	0
Tetrachloroethene	0.239	0.199*	-	16.7	20	91	0
trans-1,3-Dichloropropene	0.35	0.296	-	15.4	20	93	0
Ethyl methacrylate	0.302	0.249	-	17.5	20	94	0
1,1,2-Trichloroethane	0.176	0.139	-	21*	20	90	-.01
Chlorodibromomethane	0.221	0.188	-	14.9	20	94	-.01
1,3-Dichloropropane	0.338	0.29	-	14.2	20	96	0
1,2-Dibromoethane	0.193	0.157	-	18.7	20	90	0
2-Hexanone	0.196	0.16	-	18.4	20	88	0
Chlorobenzene	0.615	0.537	-	12.7	20	94	0
Ethylbenzene	1.151	1.018	-	11.6	20	96	-.02
1,1,1,2-Tetrachloroethane	0.225	0.195	-	13.3	20	99	0
p/m Xylene	0.429	0.37	-	13.8	20	93	0
o Xylene	0.408	0.36	-	11.8	20	94	0
Styrene	0.684	0.599	-	12.4	20	94	0
1,4-Dichlorobenzene-d4	1	1	-	0	20	107	0
Bromoform	0.286	0.214	-	25.2*	20	85	0
Isopropylbenzene	1.857	1.627	-	12.4	20	94	0
4-Bromofluorobenzene	0.982	1.011	-	-3	20	110	0
Bromobenzene	0.455	0.38	-	16.5	20	91	0
n-Propylbenzene	2.456	2.168	-	11.7	20	94	0
1,4-Dichlorobutane	0.938	0.878	-	6.4	20	104	0
1,1,2,2-Tetrachloroethane	10	9.521	-	4.8	20	102	0
4-Ethyltoluene	1.873	1.739	-	7.2	20	99	0
2-Chlorotoluene	1.452	1.408	-	3	20	102	0
1,3,5-Trimethylbenzene	1.656	1.46	-	11.8	20	94	0
1,2,3-Trichloropropane	0.379	0.291	-	23.2*	20	90	0
trans-1,4-Dichloro-2-buten	0.209	0.158	-	24.4*	20	90	0
4-Chlorotoluene	1.544	1.332	-	13.7	20	94	0
tert-Butylbenzene	1.389	1.203	-	13.4	20	93	0
1,2,4-Trimethylbenzene	1.622	1.426	-	12.1	20	95	0
sec-Butylbenzene	1.882	1.872	-	0.5	20	107	0
p-Isopropyltoluene	1.749	1.58	-	9.7	20	97	0
1,3-Dichlorobenzene	0.862	0.752	-	12.8	20	94	0

* Value outside of QC limits.



Calibration Verification Summary

Form 7

Volatiles

Client : Hennessy Engineering & Consulting Project Name : FORMER ROXY CLEANER Instrument ID : GONZO Lab File ID : VG210712A01 Sample No : WG1523377-2 Channel :	Lab Number : L2135784 Project Number : FORMER ROXY CLEANER Calibration Date : 07/12/21 08:14 Init. Calib. Date(s) : 06/25/21 06/25/21 Init. Calib. Times : 16:10 20:09

Compound	Ave. RRF	RRF	Min RRF	%D	Max %D	Area%	Dev(min)
1,4-Dichlorobenzene	0.87	0.746	-	14.3	20	93	0
p-Diethylbenzene	1.018	0.931	-	8.5	20	98	0
n-Butylbenzene	1.695	1.555	-	8.3	20	98	0
1,2-Dichlorobenzene	0.796	0.68	-	14.6	20	91	0
1,2,4,5-Tetramethylbenzene	1.45	1.29	-	11	20	97	0
1,2-Dibromo-3-chloropropan	0.08	0.056	-	30*	20	77	0
1,3,5-Trichlorobenzene	0.625	0.576	-	7.8	20	97	0
Hexachlorobutadiene	0.335	0.299	-	10.7	20	100	0
1,2,4-Trichlorobenzene	0.557	0.463	-	16.9	20	91	0
Naphthalene	1.236	0.895	-	27.6*	20	83	0
1,2,3-Trichlorobenzene	0.481	0.386	-	19.8	20	89	0

* Value outside of QC limits.



Calibration Verification Summary

Form 7

Volatiles

Client : Hennessy Engineering & Consulting
 Project Name : FORMER ROXY CLEANER
 Instrument ID : ELAINE
 Lab File ID : VE210712A02
 Sample No : WG1523359-2
 Channel :

Lab Number : L2135784
 Project Number : FORMER ROXY CLEANER
 Calibration Date : 07/12/21 08:54
 Init. Calib. Date(s) : 05/06/21 05/06/21
 Init. Calib. Times : 17:20 20:34

Compound	Ave. RRF	RRF	Min RRF	%D	Max %D	Area%	Dev(min)
Fluorobenzene	1	1	-	0	20	78	0
Dichlorodifluoromethane	0.115	0.168	-	-46.1*	20	104	0
Chloromethane	0.186	0.194	-	-4.3	20	74	0
Vinyl chloride	0.16	0.177	-	-10.6	20	77	0
Bromomethane	0.069	0.091*	-	-31.9*	20	106	0
Chloroethane	0.102	0.13	-	-27.5*	20	90	0
Trichlorofluoromethane	0.233	0.224	-	3.9	20	67	0
Ethyl ether	0.083	0.072	-	13.3	20	57	0
1,1-Dichloroethene	0.146	0.126	-	13.7	20	64	0
Carbon disulfide	0.39	0.344	-	11.8	20	66	0
Freon-113	0.14	0.132	-	5.7	20	68	0
Iodomethane	0.164	0.144	-	12.2	20	74	0
Acrolein	0.018	0.016*	-	11.1	20	64	0
Methylene chloride	0.173	0.181	-	-4.6	20	79	0
Acetone	0.034	0.031*	-	8.8	20	75	0
trans-1,2-Dichloroethene	0.153	0.163	-	-6.5	20	78	0
Methyl acetate	0.079	0.084*	-	-6.3	20	89	0
Methyl tert-butyl ether	0.445	0.398	-	10.6	20	65	0
tert-Butyl alcohol	0.01316	0.00758*	-	42.4*	20	42	0
Diisopropyl ether	0.579	0.622	-	-7.4	20	80	0
1,1-Dichloroethane	0.318	0.346	-	-8.8	20	78	0
Halothane	0.127	0.129	-	-1.6	20	75	0
Acrylonitrile	0.046	0.051	-	-10.9	20	85	0
Ethyl tert-butyl ether	0.565	0.513	-	9.2	20	68	0
Vinyl acetate	0.309	0.347	-	-12.3	20	87	0
cis-1,2-Dichloroethene	0.187	0.176	-	5.9	20	68	0
2,2-Dichloropropane	0.264	0.237	-	10.2	20	66	0
Bromochloromethane	0.081	0.079	-	2.5	20	68	0
Cyclohexane	0.288	0.321	-	-11.5	20	82	0
Chloroform	0.313	0.299	-	4.5	20	71	0
Ethyl acetate	0.121	0.107	-	11.6	20	64	0
Carbon tetrachloride	0.224	0.224	-	0	20	72	0
Tetrahydrofuran	0.034	0.031*	-	8.8	20	70	-0.02
Dibromofluoromethane	0.223	0.231	-	-3.6	20	77	0
1,1,1-Trichloroethane	0.287	0.25	-	12.9	20	64	0
2-Butanone	0.054	0.046*	-	14.8	20	57	0
1,1-Dichloropropene	10	9.119	-	8.8	20	71	0
Benzene	0.712	0.731	-	-2.7	20	78	0
tert-Amyl methyl ether	0.496	0.36	-	27.4*	20	56	0
1,2-Dichloroethane-d4	0.259	0.271	-	-4.6	20	80	0
1,2-Dichloroethane	0.232	0.24	-	-3.4	20	79	0
Methyl cyclohexane	0.283	0.267	-	5.7	20	71	0
Trichloroethene	0.192	0.178*	-	7.3	20	72	0

* Value outside of QC limits.



Calibration Verification Summary

Form 7

Volatiles

Client : Hennessy Engineering & Consulting
 Project Name : FORMER ROXY CLEANER
 Instrument ID : ELAINE
 Lab File ID : VE210712A02
 Sample No : WG1523359-2
 Channel :

Lab Number : L2135784
 Project Number : FORMER ROXY CLEANER
 Calibration Date : 07/12/21 08:54
 Init. Calib. Date(s) : 05/06/21 05/06/21
 Init. Calib. Times : 17:20 20:34

Compound	Ave. RRF	RRF	Min RRF	%D	Max %D	Area%	Dev(min)
Dibromomethane	0.099	0.089	-	10.1	20	70	0
1,2-Dichloropropane	0.179	0.185	-	-3.4	20	78	0
2-Chloroethyl vinyl ether	0.108	0.085	-	21.3*	20	60	0
Bromodichloromethane	0.253	0.241	-	4.7	20	73	0
1,4-Dioxane	0.00125	0.00085*	-	32*	20	46	0
cis-1,3-Dichloropropene	0.294	0.255	-	13.3	20	67	0
Chlorobenzene-d5	1	1	-	0	20	79	0
Toluene-d8	1.271	1.266	-	0.4	20	78	0
Toluene	0.635	0.589	-	7.2	20	71	0
4-Methyl-2-pentanone	0.075	0.056*	-	25.3*	20	60	0
Tetrachloroethene	0.264	0.26	-	1.5	20	75	0
trans-1,3-Dichloropropene	0.364	0.287	-	21.2*	20	62	0
Ethyl methacrylate	0.297	0.219	-	26.3*	20	59	0
1,1,2-Trichloroethane	0.164	0.15	-	8.5	20	72	0
Chlorodibromomethane	0.235	0.22	-	6.4	20	74	0
1,3-Dichloropropane	0.344	0.323	-	6.1	20	74	0
1,2-Dibromoethane	0.194	0.165	-	14.9	20	65	0
2-Hexanone	0.136	0.11	-	19.1	20	67	0
Chlorobenzene	0.673	0.642	-	4.6	20	73	0
Ethylbenzene	1.182	1.111	-	6	20	71	0
1,1,1,2-Tetrachloroethane	0.248	0.248	-	0	20	81	0
p/m Xylene	0.464	0.443	-	4.5	20	73	0
o Xylene	0.438	0.414	-	5.5	20	71	0
Styrene	0.738	0.725	-	1.8	20	73	0
1,4-Dichlorobenzene-d4	1	1	-	0	20	85	0
Bromoform	0.283	0.24	-	15.2	20	75	0
Isopropylbenzene	2.24	1.994	-	11	20	72	0
4-Bromofluorobenzene	0.973	0.873	-	10.3	20	77	0
Bromobenzene	0.535	0.494	-	7.7	20	78	0
n-Propylbenzene	2.645	2.362	-	10.7	20	72	0
1,4-Dichlorobutane	0.718	0.681	-	5.2	20	83	0
1,1,2,2-Tetrachloroethane	0.414	0.359	-	13.3	20	75	0
4-Ethyltoluene	2.162	1.977	-	8.6	20	73	0
2-Chlorotoluene	1.855	1.74	-	6.2	20	77	0
1,3,5-Trimethylbenzene	1.931	1.695	-	12.2	20	72	0
1,2,3-Trichloropropane	0.372	0.307	-	17.5	20	72	0
trans-1,4-Dichloro-2-buten	0.152	0.111	-	27*	20	64	0
4-Chlorotoluene	1.717	1.56	-	9.1	20	75	0
tert-Butylbenzene	1.625	1.38	-	15.1	20	68	0
1,2,4-Trimethylbenzene	1.921	1.696	-	11.7	20	73	0
sec-Butylbenzene	2.133	2.113	-	0.9	20	80	0
p-Isopropyltoluene	1.967	1.733	-	11.9	20	72	0
1,3-Dichlorobenzene	1.05	1.012	-	3.6	20	81	0

* Value outside of QC limits.



Calibration Verification Summary

Form 7

Volatiles

Client : Hennessy Engineering & Consulting Project Name : FORMER ROXY CLEANER Instrument ID : ELAINE Lab File ID : VE210712A02 Sample No : WG1523359-2 Channel :	Lab Number : L2135784 Project Number : FORMER ROXY CLEANER Calibration Date : 07/12/21 08:54 Init. Calib. Date(s) : 05/06/21 05/06/21 Init. Calib. Times : 17:20 20:34

Compound	Ave. RRF	RRF	Min RRF	%D	Max %D	Area%	Dev(min)
1,4-Dichlorobenzene	1.053	0.977	-	7.2	20	77	0
p-Diethylbenzene	1.165	1.007	-	13.6	20	72	0
n-Butylbenzene	1.769	1.561	-	11.8	20	73	0
1,2-Dichlorobenzene	0.984	0.905	-	8	20	78	0
1,2,4,5-Tetramethylbenzene	1.844	1.428	-	22.6*	20	65	0
1,2-Dibromo-3-chloropropan	0.069	0.056	-	18.8	20	66	0
1,3,5-Trichlorobenzene	0.704	0.647	-	8.1	20	79	0
Hexachlorobutadiene	0.268	0.242	-	9.7	20	78	0
1,2,4-Trichlorobenzene	0.654	0.525	-	19.7	20	69	0
Naphthalene	1.488	0.932	-	37.4*	20	53	0
1,2,3-Trichlorobenzene	0.598	0.475	-	20.6*	20	71	0

* Value outside of QC limits.



Calibration Verification Summary

Form 7

Volatiles

Client : Hennessy Engineering & Consulting
 Project Name : FORMER ROXY CLEANER
 Instrument ID : VOA101
 Lab File ID : V01210713A01
 Sample No : WG1523497-2
 Channel :

Lab Number : L2135784
 Project Number : FORMER ROXY CLEANER
 Calibration Date : 07/13/21 08:14
 Init. Calib. Date(s) : 06/24/21 06/25/21
 Init. Calib. Times : 11:17 00:35

Compound	Ave. RRF	RRF	Min RRF	%D	Max %D	Area%	Dev(min)
Fluorobenzene	1	1	-	0	20	87	0
Dichlorodifluoromethane	0.193	0.185	-	4.1	20	85	0
Chloromethane	0.25	0.247	-	1.2	20	88	0
Vinyl chloride	0.258	0.264	-	-2.3	20	86	0
Bromomethane	10	9.707	-	2.9	20	91	0
Chloroethane	0.176	0.185	-	-5.1	20	92	0
Trichlorofluoromethane	0.379	0.413	-	-9	20	94	0
Ethyl ether	0.113	0.099	-	12.4	20	73	0
1,1-Dichloroethene	0.227	0.231	-	-1.8	20	87	0
Carbon disulfide	0.614	0.626	-	-2	20	89	0
Freon-113	0.229	0.241	-	-5.2	20	91	0
Iodomethane	0.259	0.148	-	42.9*	20	46	0
Acrolein	0.016	0.013*	-	18.8	20	70	0
Methylene chloride	0.244	0.235	-	3.7	20	81	0
Acetone	10	8.693	-	13.1	20	83	0
trans-1,2-Dichloroethene	0.238	0.245	-	-2.9	20	87	0
Methyl acetate	0.115	0.094*	-	18.3	20	77	0
Methyl tert-butyl ether	0.546	0.47	-	13.9	20	72	0
tert-Butyl alcohol	0.014	0.011*	-	21.4*	20	65	0
Diisopropyl ether	0.789	0.867	-	-9.9	20	95	0
1,1-Dichloroethane	0.481	0.527	-	-9.6	20	93	0
Halothane	0.185	0.185	-	0	20	86	0
Acrylonitrile	0.05	0.045*	-	10	20	75	0
Ethyl tert-butyl ether	0.74	0.729	-	1.5	20	85	0
Vinyl acetate	0.404	0.469	-	-16.1	20	104	0
cis-1,2-Dichloroethene	0.272	0.28	-	-2.9	20	87	0
2,2-Dichloropropane	0.38	0.427	-	-12.4	20	96	0
Bromochloromethane	0.116	0.117	-	-0.9	20	81	0
Cyclohexane	0.448	0.493	-	-10	20	99	0
Chloroform	0.458	0.474	-	-3.5	20	89	0
Ethyl acetate	0.163	0.119	-	27*	20	65	0
Carbon tetrachloride	0.364	0.392	-	-7.7	20	94	0
Tetrahydrofuran	0.047	0.038*	-	19.1	20	69	0
Dibromofluoromethane	0.258	0.275	-	-6.6	20	93	0
1,1,1-Trichloroethane	0.41	0.448	-	-9.3	20	94	0
2-Butanone	0.067	0.056*	-	16.4	20	74	0
1,1-Dichloropropene	0.341	0.355	-	-4.1	20	88	0
Benzene	0.958	0.958	-	0	20	85	0
tert-Amyl methyl ether	0.611	0.526	-	13.9	20	72	0
1,2-Dichloroethane-d4	0.289	0.307	-	-6.2	20	92	0
1,2-Dichloroethane	0.317	0.322	-	-1.6	20	88	0
Methyl cyclohexane	0.402	0.402	-	0	20	90	0
Trichloroethene	0.272	0.283	-	-4	20	86	0

* Value outside of QC limits.



Calibration Verification Summary

Form 7

Volatiles

Client : Hennessy Engineering & Consulting
 Project Name : FORMER ROXY CLEANER
 Instrument ID : VOA101
 Lab File ID : V01210713A01
 Sample No : WG1523497-2
 Channel :

Lab Number : L2135784
 Project Number : FORMER ROXY CLEANER
 Calibration Date : 07/13/21 08:14
 Init. Calib. Date(s) : 06/24/21 06/25/21
 Init. Calib. Times : 11:17 00:35

Compound	Ave. RRF	RRF	Min RRF	%D	Max %D	Area%	Dev(min)
Dibromomethane	0.134	0.121	-	9.7	20	76	0
1,2-Dichloropropane	0.259	0.266	-	-2.7	20	86	0
2-Chloroethyl vinyl ether	0.032	0.02*	-	37.5*	20	48	0
Bromodichloromethane	0.335	0.329	-	1.8	20	86	0
1,4-Dioxane	0.00145	0.00109*	-	24.8*	20	62	0
cis-1,3-Dichloropropene	0.395	0.376	-	4.8	20	81	0
Chlorobenzene-d5	1	1	-	0	20	90	0
Toluene-d8	1.279	1.379	-	-7.8	20	95	0
Toluene	0.827	0.809	-	2.2	20	86	0
4-Methyl-2-pentanone	0.075	0.06*	-	20	20	64	0
Tetrachloroethene	0.373	0.366	-	1.9	20	86	0
trans-1,3-Dichloropropene	0.447	0.4	-	10.5	20	77	0
Ethyl methacrylate	0.314	0.232	-	26.1*	20	63	0
1,1,2-Trichloroethane	0.203	0.177	-	12.8	20	75	0
Chlorodibromomethane	0.29	0.262	-	9.7	20	79	0
1,3-Dichloropropane	0.41	0.365	-	11	20	75	0
1,2-Dibromoethane	0.233	0.198	-	15	20	71	0
2-Hexanone	0.14	0.107	-	23.6*	20	68	0
Chlorobenzene	0.936	0.93	-	0.6	20	87	0
Ethylbenzene	1.595	1.602	-	-0.4	20	88	0
1,1,1,2-Tetrachloroethane	0.335	0.322	-	3.9	20	84	0
p/m Xylene	0.648	0.647	-	0.2	20	89	0
o Xylene	0.614	0.597	-	2.8	20	87	0
Styrene	1.013	0.929	-	8.3	20	83	0
1,4-Dichlorobenzene-d4	1	1	-	0	20	87	0
Bromoform	0.331	0.273	-	17.5	20	71	0
Isopropylbenzene	2.967	3.072	-	-3.5	20	89	0
4-Bromofluorobenzene	0.957	1.072	-	-12	20	95	0
Bromobenzene	0.681	0.665	-	2.3	20	83	0
n-Propylbenzene	3.418	3.543	-	-3.7	20	89	0
1,4-Dichlorobutane	0.805	0.761	-	5.5	20	80	0
1,1,2,2-Tetrachloroethane	0.454	0.4	-	11.9	20	73	0
4-Ethyltoluene	2.755	2.831	-	-2.8	20	88	0
2-Chlorotoluene	2.039	2.13	-	-4.5	20	90	0
1,3,5-Trimethylbenzene	2.35	2.402	-	-2.2	20	87	0
1,2,3-Trichloropropane	0.401	0.347	-	13.5	20	71	0
trans-1,4-Dichloro-2-buten	0.135	0.108	-	20	20	65	0
4-Chlorotoluene	2.121	2.194	-	-3.4	20	88	0
tert-Butylbenzene	1.98	2.059	-	-4	20	89	0
1,2,4-Trimethylbenzene	2.289	2.373	-	-3.7	20	88	0
sec-Butylbenzene	2.397	2.485	-	-3.7	20	89	0
p-Isopropyltoluene	2.262	2.361	-	-4.4	20	89	0
1,3-Dichlorobenzene	1.277	1.262	-	1.2	20	85	0

* Value outside of QC limits.



Calibration Verification Summary

Form 7

Volatiles

Client : Hennessy Engineering & Consulting Project Name : FORMER ROXY CLEANER Instrument ID : VOA101 Lab File ID : V01210713A01 Sample No : WG1523497-2 Channel :	Lab Number : L2135784 Project Number : FORMER ROXY CLEANER Calibration Date : 07/13/21 08:14 Init. Calib. Date(s) : 06/24/21 06/25/21 Init. Calib. Times : 11:17 00:35

Compound	Ave. RRF	RRF	Min RRF	%D	Max %D	Area%	Dev(min)
1,4-Dichlorobenzene	1.287	1.28	-	0.5	20	85	0
p-Diethylbenzene	1.235	1.302	-	-5.4	20	90	0
n-Butylbenzene	1.802	1.934	-	-7.3	20	92	0
1,2-Dichlorobenzene	1.103	1.03	-	6.6	20	79	0
1,2,4,5-Tetramethylbenzene	1.657	1.694	-	-2.2	20	87	0
1,2-Dibromo-3-chloropropan	0.06	0.043*	-	28.3*	20	61	0
1,3,5-Trichlorobenzene	0.579	0.576	-	0.5	20	84	0
Hexachlorobutadiene	0.199	0.219	-	-10.1	20	95	0
1,2,4-Trichlorobenzene	0.458	0.391	-	14.6	20	71	0
Naphthalene	0.936	0.629	-	32.8*	20	56	0
1,2,3-Trichlorobenzene	0.339	0.239	-	29.5*	20	61	0

* Value outside of QC limits.



Calibration Verification Summary

Form 7

Volatiles

Client : Hennessy Engineering & Consulting
 Project Name : FORMER ROXY CLEANER
 Instrument ID : VOA105
 Lab File ID : V05210713A02
 Sample No : WG1523485-2
 Channel :

Lab Number : L2135784
 Project Number : FORMER ROXY CLEANER
 Calibration Date : 07/13/21 08:36
 Init. Calib. Date(s) : 07/02/21 07/02/21
 Init. Calib. Times : 13:47 17:38

Compound	Ave. RRF	RRF	Min RRF	%D	Max %D	Area%	Dev(min)
Fluorobenzene	1	1	-	0	20	61	0
Dichlorodifluoromethane	0.257	0.282	-	-9.7	20	61	0
Chloromethane	0.278	0.267	-	4	20	52	0
Vinyl chloride	0.278	0.277	-	0.4	20	59	-.01
Bromomethane	0.183	0.211	-	-15.3	20	73	0
Chloroethane	0.168	0.208	-	-23.8*	20	66	0
Trichlorofluoromethane	0.342	0.488	-	-42.7*	20	81	-.01
Ethyl ether	0.11	0.113	-	-2.7	20	63	0
1,1-Dichloroethene	0.193	0.201	-	-4.1	20	59	0
Carbon disulfide	0.608	0.556	-	8.6	20	51	0
Freon-113	0.184	0.19	-	-3.3	20	54	0
Iodomethane	0.245	0.165	-	32.7*	20	39	-.01
Acrolein	0.01761	0.00931*	-	47.1*	20	34	0
Methylene chloride	0.211	0.181	-	14.2	20	48	0
Acetone	0.033	0.026*	-	21.2*	20	43	0
trans-1,2-Dichloroethene	0.206	0.174	-	15.5	20	46	0
Methyl acetate	0.082	0.084*	-	-2.4	20	58	0
Methyl tert-butyl ether	0.411	0.314	-	23.6*	20	46	0
tert-Butyl alcohol	0.00808	0.0049*	-	39.4*	20	37	0
Diisopropyl ether	0.587	0.514	-	12.4	20	50	0
1,1-Dichloroethane	0.401	0.362	-	9.7	20	49	0
Halothane	0.159	0.161	-	-1.3	20	56	0
Acrylonitrile	0.041	0.041*	-	0	20	57	0
Ethyl tert-butyl ether	0.503	0.38	-	24.5*	20	45	0
Vinyl acetate	0.371	0.348	-	6.2	20	58	0
cis-1,2-Dichloroethene	0.24	0.254	-	-5.8	20	60	0
2,2-Dichloropropane	0.335	0.293	-	12.5	20	47	0
Bromochloromethane	0.087	0.111	-	-27.6*	20	69	0
Cyclohexane	0.367	0.353	-	3.8	20	51	0
Chloroform	0.373	0.373	-	0	20	55	0
Ethyl acetate	0.12	0.11	-	8.3	20	53	0
Carbon tetrachloride	0.277	0.267	-	3.6	20	53	0
Tetrahydrofuran	0.037	0.051	-	-37.8*	20	80	0
Dibromofluoromethane	0.255	0.289	-	-13.3	20	66	0
1,1,1-Trichloroethane	0.321	0.319	-	0.6	20	53	0
2-Butanone	0.044	0.053*	-	-20.5*	20	77	0
1,1-Dichloropropene	0.27	0.249	-	7.8	20	52	0
Benzene	0.833	0.865	-	-3.8	20	60	0
tert-Amyl methyl ether	0.441	0.385	-	12.7	20	55	0
1,2-Dichloroethane-d4	0.289	0.282	-	2.4	20	56	0
1,2-Dichloroethane	0.258	0.262	-	-1.6	20	57	0
Methyl cyclohexane	0.382	0.419	-	-9.7	20	60	0
Trichloroethene	0.233	0.237	-	-1.7	20	60	0

* Value outside of QC limits.



Calibration Verification Summary

Form 7

Volatiles

Client : Hennessy Engineering & Consulting
 Project Name : FORMER ROXY CLEANER
 Instrument ID : VOA105
 Lab File ID : V05210713A02
 Sample No : WG1523485-2
 Channel :

Lab Number : L2135784
 Project Number : FORMER ROXY CLEANER
 Calibration Date : 07/13/21 08:36
 Init. Calib. Date(s) : 07/02/21 07/02/21
 Init. Calib. Times : 13:47 17:38

Compound	Ave. RRF	RRF	Min RRF	%D	Max %D	Area%	Dev(min)
Dibromomethane	0.115	0.13	-	-13	20	64	0
1,2-Dichloropropane	0.205	0.211	-	-2.9	20	56	0
2-Chloroethyl vinyl ether	0.066	0.079	-	-19.7	20	69	0
Bromodichloromethane	0.273	0.28	-	-2.6	20	57	0
1,4-Dioxane	500	650.775	-	-30.2*	20	81	0
cis-1,3-Dichloropropene	0.32	0.3	-	6.3	20	52	0
Chlorobenzene-d5	1	1	-	0	20	67	0
Toluene-d8	1.341	1.233	-	8.1	20	63	0
Toluene	0.728	0.663	-	8.9	20	58	0
4-Methyl-2-pentanone	0.052	0.042*	-	19.2	20	55	0
Tetrachloroethene	0.316	0.34	-	-7.6	20	68	0
trans-1,3-Dichloropropene	0.367	0.294	-	19.9	20	52	0
Ethyl methacrylate	0.264	0.229	-	13.3	20	55	0
1,1,2-Trichloroethane	0.167	0.154	-	7.8	20	62	0
Chlorodibromomethane	0.222	0.223	-	-0.5	20	67	0
1,3-Dichloropropane	0.396	0.343	-	13.4	20	59	0
1,2-Dibromoethane	0.189	0.196	-	-3.7	20	70	0
2-Hexanone	0.097	0.086*	-	11.3	20	58	0
Chlorobenzene	0.789	0.781	-	1	20	62	0
Ethylbenzene	1.452	1.272	-	12.4	20	55	-0.01
1,1,1,2-Tetrachloroethane	0.257	0.251	-	2.3	20	63	0
p/m Xylene	0.533	0.527	-	1.1	20	61	0
o Xylene	0.52	0.509	-	2.1	20	62	0
Styrene	0.871	0.876	-	-0.6	20	65	0
1,4-Dichlorobenzene-d4	1	1	-	0	20	69	0
Bromoform	10	7.447	-	25.5*	20	59	0
Isopropylbenzene	2.285	2.248	-	1.6	20	63	0
4-Bromofluorobenzene	0.912	0.828	-	9.2	20	63	0
Bromobenzene	0.522	0.56	-	-7.3	20	71	0
n-Propylbenzene	2.997	2.768	-	7.6	20	57	0
1,4-Dichlorobutane	0.598	0.497	-	16.9	20	56	0
1,1,2,2-Tetrachloroethane	0.368	0.38	-	-3.3	20	68	0
4-Ethyltoluene	2.291	2.358	-	-2.9	20	64	0
2-Chlorotoluene	1.767	1.495	-	15.4	20	55	0
1,3,5-Trimethylbenzene	1.975	1.926	-	2.5	20	61	0
1,2,3-Trichloropropane	0.3	0.306	-	-2	20	66	0
trans-1,4-Dichloro-2-buten	0.119	0.074	-	37.8*	20	41	-0.01
4-Chlorotoluene	1.812	1.594	-	12	20	56	0
tert-Butylbenzene	1.672	1.716	-	-2.6	20	65	0
1,2,4-Trimethylbenzene	1.942	1.925	-	0.9	20	62	-0.01
sec-Butylbenzene	2.585	2.688	-	-4	20	65	0
p-Isopropyltoluene	2.176	2.244	-	-3.1	20	66	0
1,3-Dichlorobenzene	1.101	1.278	-	-16.1	20	74	0

* Value outside of QC limits.



Calibration Verification Summary

Form 7

Volatiles

Client : Hennessy Engineering & Consulting Project Name : FORMER ROXY CLEANER Instrument ID : VOA105 Lab File ID : V05210713A02 Sample No : WG1523485-2 Channel :	Lab Number : L2135784 Project Number : FORMER ROXY CLEANER Calibration Date : 07/13/21 08:36 Init. Calib. Date(s) : 07/02/21 07/02/21 Init. Calib. Times : 13:47 17:38

Compound	Ave. RRF	RRF	Min RRF	%D	Max %D	Area%	Dev(min)
1,4-Dichlorobenzene	1.07	1.183	-	-10.6	20	72	0
p-Diethylbenzene	1.278	1.372	-	-7.4	20	68	0
n-Butylbenzene	2.076	2.004	-	3.5	20	61	0
1,2-Dichlorobenzene	0.953	1.096	-	-15	20	75	0
1,2,4,5-Tetramethylbenzene	1.823	1.915	-	-5	20	67	0
1,2-Dibromo-3-chloropropan	10	9.78	-	2.2	20	71	0
1,3,5-Trichlorobenzene	0.807	0.852	-	-5.6	20	66	0
Hexachlorobutadiene	0.318	0.331	-	-4.1	20	67	0
1,2,4-Trichlorobenzene	0.617	0.669	-	-8.4	20	69	0
Naphthalene	0.999	1.186	-	-18.7	20	79	0
1,2,3-Trichlorobenzene	0.508	0.535	-	-5.3	20	69	0

* Value outside of QC limits.



Field Duplicate Calculation Section

Volatiles

Calculations for Field Duplicate Relative Percent Difference (RPD)
SDG No. L21325784

S1= MW-01

S2= DUPLICATE

<u>Analyte</u>	<u>S1</u>	<u>S2</u>	<u>RPD (%)</u>	
Tetrachloroethene	4500	5700	24%	*
Vinyl chloride	320	290	10%	
trans-1,2-Dichloroethene	ND	44	NC	
Trichloroethene	1500	1800	18%	
cis-1,2-Dichloroethene	2100	2500	17%	

* 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.

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-Dichlorophenylacetic 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.



ANALYTICAL REPORT

Lab Number:	L2135784
Client:	Hennessy Engineering & Consulting PO Box 118 Voorheesville, NY 12186
ATTN:	William Hennessy
Phone:	(518) 475-1670
Project Name:	FORMER ROXY CLEANER
Project Number:	FORMER ROXY CLEANER
Report Date:	07/16/21

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Certifications & Approvals: MA (M-MA086), NH NELAP (2064), CT (PH-0574), IL (200077), ME (MA00086), MD (348), NJ (MA935), NY (11148), NC (25700/666), PA (68-03671), RI (LAO00065), TX (T104704476), VT (VT-0935), VA (460195), USDA (Permit #P330-17-00196).

Eight Walkup Drive, Westborough, MA 01581-1019
508-898-9220 (Fax) 508-898-9193 800-624-9220 - www.alphalab.com



Project Name: FORMER ROXY CLEANER

Project Number: FORMER ROXY CLEANER

Lab Number: L2135784

Report Date: 07/16/21

Alpha Sample ID	Client ID	Matrix	Sample Location	Collection Date/Time	Receive Date
L2135784-01	MW-01	WATER	154 DELAWARE AVE DELMAR NY	07/01/21 13:30	07/01/21
L2135784-02	MW-02R	WATER	154 DELAWARE AVE DELMAR NY	07/01/21 13:20	07/01/21
L2135784-03	MW-02DR	WATER	154 DELAWARE AVE DELMAR NY	07/01/21 13:10	07/01/21
L2135784-04	MW-03	WATER	154 DELAWARE AVE DELMAR NY	07/01/21 12:40	07/01/21
L2135784-05	MW-04	WATER	154 DELAWARE AVE DELMAR NY	07/01/21 12:20	07/01/21
L2135784-06	MW-05	WATER	154 DELAWARE AVE DELMAR NY	07/01/21 12:49	07/01/21
L2135784-07	MW-06	WATER	154 DELAWARE AVE DELMAR NY	07/01/21 13:00	07/01/21
L2135784-08	DUPLICATE	WATER	154 DELAWARE AVE DELMAR NY	07/01/21 00:00	07/01/21
L2135784-09	FIELD BLANK	WATER	154 DELAWARE AVE DELMAR NY	07/01/21 13:40	07/01/21
L2135784-10	TRIP BLANK	WATER	154 DELAWARE AVE DELMAR NY	07/01/21 00:00	07/01/21

Project Name: FORMER ROXY CLEANER
Project Number: FORMER ROXY CLEANER

Lab Number: L2135784
Report Date: 07/16/21

Case Narrative

The samples were received in accordance with the Chain of Custody and no significant deviations were encountered during the preparation or analysis unless otherwise noted. Sample Receipt, Container Information, and the Chain of Custody are located at the back of the report.

Results contained within this report relate only to the samples submitted under this Alpha Lab Number and meet NELAP requirements for all NELAP accredited parameters unless otherwise noted in the following narrative. The data presented in this report is organized by parameter (i.e. VOC, SVOC, etc.). Sample specific Quality Control data (i.e. Surrogate Spike Recovery) is reported at the end of the target analyte list for each individual sample, followed by the Laboratory Batch Quality Control at the end of each parameter. Tentatively Identified Compounds (TICs), if requested, are reported for compounds identified to be present and are not part of the method/program Target Compound List, even if only a subset of the TCL are being reported. If a sample was re-analyzed or re-extracted due to a required quality control corrective action and if both sets of data are reported, the Laboratory ID of the re-analysis or re-extraction is designated with an "R" or "RE", respectively.

When multiple Batch Quality Control elements are reported (e.g. more than one LCS), the associated samples for each element are noted in the grey shaded header line of each data table. Any Laboratory Batch, Sample Specific % recovery or RPD value that is outside the listed Acceptance Criteria is bolded in the report. In reference to questions H (CAM) or 4 (RCP) when "NO" is checked, the performance criteria for CAM and RCP methods allow for some quality control failures to occur and still be within method compliance. In these instances, the specific failure is not narrated but noted in the associated QC Outlier Summary Report, located directly after the Case Narrative. QC information is also incorporated in the Data Usability Assessment table (Format 11) of our Data Merger tool, where it can be reviewed in conjunction with the sample result, associated regulatory criteria and any associated data usability implications.

Soil/sediments, solids and tissues are reported on a dry weight basis unless otherwise noted. Definitions of all data qualifiers and acronyms used in this report are provided in the Glossary located at the back of the report.

HOLD POLICY - For samples submitted on hold, Alpha's policy is to hold samples (with the exception of Air canisters) free of charge for 21 calendar days from the date the project is completed. After 21 calendar days, we will dispose of all samples submitted including those put on hold unless you have contacted your Alpha Project Manager and made arrangements for Alpha to continue to hold the samples. Air canisters will be disposed after 3 business days from the date the project is completed.

Please contact Project Management at 800-624-9220 with any questions.

Project Name: FORMER ROXY CLEANER
Project Number: FORMER ROXY CLEANER

Lab Number: L2135784
Report Date: 07/16/21

Case Narrative (continued)

Report Submission

All non-detect (ND) or estimated concentrations (J-qualified) have been quantitated to the limit noted in the MDL column.

Sample Receipt

L2135784-03: The sample identified as "MW-02RD" on the chain of custody was identified as "MW-02DR" on the container label. At the client's request, the sample is reported as "MW-02DR".

Volatile Organics

L2135784-03 was received in the proper acid-preserved containers; however, upon analysis, the pH was determined to be greater than 2, and thus the method required holding time was exceeded.

I, the undersigned, attest under the pains and penalties of perjury that, to the best of my knowledge and belief and based upon my personal inquiry of those responsible for providing the information contained in this analytical report, such information is accurate and complete. This certificate of analysis is not complete unless this page accompanies any and all pages of this report.

Authorized Signature:



Sebastian Corbin

Title: Technical Director/Representative

Date: 07/16/21

ORGANICS

VOLATILES

Project Name: FORMER ROXY CLEANER**Lab Number:** L2135784**Project Number:** FORMER ROXY CLEANER**Report Date:** 07/16/21**SAMPLE RESULTS**

Lab ID: L2135784-01 D
 Client ID: MW-01
 Sample Location: 154 DELAWARE AVE DELMAR NY

Date Collected: 07/01/21 13:30
 Date Received: 07/01/21
 Field Prep: Not Specified

Sample Depth:

Matrix: Water
 Analytical Method: 1,8260C
 Analytical Date: 07/12/21 15:25
 Analyst: AJK

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Methylene chloride	ND		ug/l	120	35.	50
1,1-Dichloroethane	ND		ug/l	120	35.	50
Chloroform	ND		ug/l	120	35.	50
Carbon tetrachloride	ND		ug/l	25	6.7	50
1,2-Dichloropropane	ND		ug/l	50	6.8	50
Dibromochloromethane	ND		ug/l	25	7.4	50
1,1,2-Trichloroethane	ND		ug/l	75	25.	50
Tetrachloroethene	4500		ug/l	25	9.0	50
Chlorobenzene	ND		ug/l	120	35.	50
Trichlorofluoromethane	ND		ug/l	120	35.	50
1,2-Dichloroethane	ND		ug/l	25	6.6	50
1,1,1-Trichloroethane	ND		ug/l	120	35.	50
Bromodichloromethane	ND		ug/l	25	9.6	50
trans-1,3-Dichloropropene	ND		ug/l	25	8.2	50
cis-1,3-Dichloropropene	ND		ug/l	25	7.2	50
Bromoform	ND		ug/l	100	32.	50
1,1,2,2-Tetrachloroethane	ND		ug/l	25	8.4	50
Benzene	ND		ug/l	25	8.0	50
Toluene	ND		ug/l	120	35.	50
Ethylbenzene	ND		ug/l	120	35.	50
Chloromethane	ND		ug/l	120	35.	50
Bromomethane	ND		ug/l	120	35.	50
Vinyl chloride	320		ug/l	50	3.6	50
Chloroethane	ND		ug/l	120	35.	50
1,1-Dichloroethene	ND		ug/l	25	8.4	50
trans-1,2-Dichloroethene	ND		ug/l	120	35.	50
Trichloroethene	1500		ug/l	25	8.8	50
1,2-Dichlorobenzene	ND		ug/l	120	35.	50

Project Name: FORMER ROXY CLEANER**Lab Number:** L2135784**Project Number:** FORMER ROXY CLEANER**Report Date:** 07/16/21**SAMPLE RESULTS**

Lab ID: L2135784-01 D
 Client ID: MW-01
 Sample Location: 154 DELAWARE AVE DELMAR NY

Date Collected: 07/01/21 13:30
 Date Received: 07/01/21
 Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
1,3-Dichlorobenzene	ND		ug/l	120	35.	50
1,4-Dichlorobenzene	ND		ug/l	120	35.	50
Methyl tert butyl ether	ND		ug/l	120	35.	50
p/m-Xylene	ND		ug/l	120	35.	50
o-Xylene	ND		ug/l	120	35.	50
cis-1,2-Dichloroethene	2100		ug/l	120	35.	50
Styrene	ND		ug/l	120	35.	50
Dichlorodifluoromethane	ND		ug/l	250	50.	50
Acetone	ND		ug/l	250	73.	50
Carbon disulfide	ND		ug/l	250	50.	50
2-Butanone	ND		ug/l	250	97.	50
4-Methyl-2-pentanone	ND		ug/l	250	50.	50
2-Hexanone	ND		ug/l	250	50.	50
Bromochloromethane	ND		ug/l	120	35.	50
1,2-Dibromoethane	ND		ug/l	100	32.	50
1,2-Dibromo-3-chloropropane	ND		ug/l	120	35.	50
Isopropylbenzene	ND		ug/l	120	35.	50
1,2,3-Trichlorobenzene	ND		ug/l	120	35.	50
1,2,4-Trichlorobenzene	ND		ug/l	120	35.	50
Methyl Acetate	ND		ug/l	100	12.	50
Cyclohexane	ND		ug/l	500	14.	50
1,4-Dioxane	ND		ug/l	12000	3000	50
Freon-113	ND		ug/l	120	35.	50
Methyl cyclohexane	ND		ug/l	500	20.	50

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	106		70-130
Toluene-d8	98		70-130
4-Bromofluorobenzene	98		70-130
Dibromofluoromethane	103		70-130

Project Name: FORMER ROXY CLEANER**Lab Number:** L2135784**Project Number:** FORMER ROXY CLEANER**Report Date:** 07/16/21**SAMPLE RESULTS**

Lab ID: L2135784-02
 Client ID: MW-02R
 Sample Location: 154 DELAWARE AVE DELMAR NY

Date Collected: 07/01/21 13:20
 Date Received: 07/01/21
 Field Prep: Not Specified

Sample Depth:

Matrix: Water
 Analytical Method: 1,8260C
 Analytical Date: 07/12/21 15:52
 Analyst: AJK

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Methylene chloride	ND		ug/l	2.5	0.70	1
1,1-Dichloroethane	ND		ug/l	2.5	0.70	1
Chloroform	ND		ug/l	2.5	0.70	1
Carbon tetrachloride	ND		ug/l	0.50	0.13	1
1,2-Dichloropropane	ND		ug/l	1.0	0.14	1
Dibromochloromethane	ND		ug/l	0.50	0.15	1
1,1,2-Trichloroethane	ND		ug/l	1.5	0.50	1
Tetrachloroethene	ND		ug/l	0.50	0.18	1
Chlorobenzene	ND		ug/l	2.5	0.70	1
Trichlorofluoromethane	ND		ug/l	2.5	0.70	1
1,2-Dichloroethane	ND		ug/l	0.50	0.13	1
1,1,1-Trichloroethane	ND		ug/l	2.5	0.70	1
Bromodichloromethane	ND		ug/l	0.50	0.19	1
trans-1,3-Dichloropropene	ND		ug/l	0.50	0.16	1
cis-1,3-Dichloropropene	ND		ug/l	0.50	0.14	1
Bromoform	ND		ug/l	2.0	0.65	1
1,1,2,2-Tetrachloroethane	ND		ug/l	0.50	0.17	1
Benzene	0.31	J	ug/l	0.50	0.16	1
Toluene	ND		ug/l	2.5	0.70	1
Ethylbenzene	ND		ug/l	2.5	0.70	1
Chloromethane	ND		ug/l	2.5	0.70	1
Bromomethane	ND		ug/l	2.5	0.70	1
Vinyl chloride	0.11	J	ug/l	1.0	0.07	1
Chloroethane	ND		ug/l	2.5	0.70	1
1,1-Dichloroethene	ND		ug/l	0.50	0.17	1
trans-1,2-Dichloroethene	ND		ug/l	2.5	0.70	1
Trichloroethene	ND		ug/l	0.50	0.18	1
1,2-Dichlorobenzene	ND		ug/l	2.5	0.70	1

Project Name: FORMER ROXY CLEANER**Lab Number:** L2135784**Project Number:** FORMER ROXY CLEANER**Report Date:** 07/16/21**SAMPLE RESULTS**

Lab ID: L2135784-02

Date Collected: 07/01/21 13:20

Client ID: MW-02R

Date Received: 07/01/21

Sample Location: 154 DELAWARE AVE DELMAR NY

Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
1,3-Dichlorobenzene	ND		ug/l	2.5	0.70	1
1,4-Dichlorobenzene	ND		ug/l	2.5	0.70	1
Methyl tert butyl ether	ND		ug/l	2.5	0.70	1
p/m-Xylene	ND		ug/l	2.5	0.70	1
o-Xylene	ND		ug/l	2.5	0.70	1
cis-1,2-Dichloroethene	ND		ug/l	2.5	0.70	1
Styrene	ND		ug/l	2.5	0.70	1
Dichlorodifluoromethane	ND		ug/l	5.0	1.0	1
Acetone	2.7	J	ug/l	5.0	1.5	1
Carbon disulfide	ND		ug/l	5.0	1.0	1
2-Butanone	ND		ug/l	5.0	1.9	1
4-Methyl-2-pentanone	ND		ug/l	5.0	1.0	1
2-Hexanone	ND		ug/l	5.0	1.0	1
Bromochloromethane	ND		ug/l	2.5	0.70	1
1,2-Dibromoethane	ND		ug/l	2.0	0.65	1
1,2-Dibromo-3-chloropropane	ND		ug/l	2.5	0.70	1
Isopropylbenzene	ND		ug/l	2.5	0.70	1
1,2,3-Trichlorobenzene	ND		ug/l	2.5	0.70	1
1,2,4-Trichlorobenzene	ND		ug/l	2.5	0.70	1
Methyl Acetate	ND		ug/l	2.0	0.23	1
Cyclohexane	ND		ug/l	10	0.27	1
1,4-Dioxane	ND		ug/l	250	61.	1
Freon-113	ND		ug/l	2.5	0.70	1
Methyl cyclohexane	ND		ug/l	10	0.40	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	107		70-130
Toluene-d8	98		70-130
4-Bromofluorobenzene	100		70-130
Dibromofluoromethane	103		70-130

Project Name: FORMER ROXY CLEANER**Lab Number:** L2135784**Project Number:** FORMER ROXY CLEANER**Report Date:** 07/16/21**SAMPLE RESULTS**

Lab ID: L2135784-03
 Client ID: MW-02DR
 Sample Location: 154 DELAWARE AVE DELMAR NY

Date Collected: 07/01/21 13:10
 Date Received: 07/01/21
 Field Prep: Not Specified

Sample Depth:

Matrix: Water
 Analytical Method: 1,8260C
 Analytical Date: 07/12/21 16:20
 Analyst: AJK

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Methylene chloride	ND		ug/l	2.5	0.70	1
1,1-Dichloroethane	ND		ug/l	2.5	0.70	1
Chloroform	ND		ug/l	2.5	0.70	1
Carbon tetrachloride	ND		ug/l	0.50	0.13	1
1,2-Dichloropropane	ND		ug/l	1.0	0.14	1
Dibromochloromethane	ND		ug/l	0.50	0.15	1
1,1,2-Trichloroethane	ND		ug/l	1.5	0.50	1
Tetrachloroethene	ND		ug/l	0.50	0.18	1
Chlorobenzene	ND		ug/l	2.5	0.70	1
Trichlorofluoromethane	ND		ug/l	2.5	0.70	1
1,2-Dichloroethane	ND		ug/l	0.50	0.13	1
1,1,1-Trichloroethane	ND		ug/l	2.5	0.70	1
Bromodichloromethane	ND		ug/l	0.50	0.19	1
trans-1,3-Dichloropropene	ND		ug/l	0.50	0.16	1
cis-1,3-Dichloropropene	ND		ug/l	0.50	0.14	1
Bromoform	ND		ug/l	2.0	0.65	1
1,1,2,2-Tetrachloroethane	ND		ug/l	0.50	0.17	1
Benzene	ND		ug/l	0.50	0.16	1
Toluene	ND		ug/l	2.5	0.70	1
Ethylbenzene	ND		ug/l	2.5	0.70	1
Chloromethane	ND		ug/l	2.5	0.70	1
Bromomethane	ND		ug/l	2.5	0.70	1
Vinyl chloride	0.11	J	ug/l	1.0	0.07	1
Chloroethane	ND		ug/l	2.5	0.70	1
1,1-Dichloroethene	ND		ug/l	0.50	0.17	1
trans-1,2-Dichloroethene	ND		ug/l	2.5	0.70	1
Trichloroethene	ND		ug/l	0.50	0.18	1
1,2-Dichlorobenzene	ND		ug/l	2.5	0.70	1

Project Name: FORMER ROXY CLEANER**Lab Number:** L2135784**Project Number:** FORMER ROXY CLEANER**Report Date:** 07/16/21**SAMPLE RESULTS****Lab ID:** L2135784-03**Date Collected:** 07/01/21 13:10**Client ID:** MW-02DR**Date Received:** 07/01/21**Sample Location:** 154 DELAWARE AVE DELMAR NY**Field Prep:** Not Specified**Sample Depth:**

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
1,3-Dichlorobenzene	ND		ug/l	2.5	0.70	1
1,4-Dichlorobenzene	ND		ug/l	2.5	0.70	1
Methyl tert butyl ether	ND		ug/l	2.5	0.70	1
p/m-Xylene	ND		ug/l	2.5	0.70	1
o-Xylene	ND		ug/l	2.5	0.70	1
cis-1,2-Dichloroethene	ND		ug/l	2.5	0.70	1
Styrene	ND		ug/l	2.5	0.70	1
Dichlorodifluoromethane	ND		ug/l	5.0	1.0	1
Acetone	ND		ug/l	5.0	1.5	1
Carbon disulfide	ND		ug/l	5.0	1.0	1
2-Butanone	ND		ug/l	5.0	1.9	1
4-Methyl-2-pentanone	ND		ug/l	5.0	1.0	1
2-Hexanone	ND		ug/l	5.0	1.0	1
Bromochloromethane	ND		ug/l	2.5	0.70	1
1,2-Dibromoethane	ND		ug/l	2.0	0.65	1
1,2-Dibromo-3-chloropropane	ND		ug/l	2.5	0.70	1
Isopropylbenzene	ND		ug/l	2.5	0.70	1
1,2,3-Trichlorobenzene	ND		ug/l	2.5	0.70	1
1,2,4-Trichlorobenzene	ND		ug/l	2.5	0.70	1
Methyl Acetate	ND		ug/l	2.0	0.23	1
Cyclohexane	ND		ug/l	10	0.27	1
1,4-Dioxane	ND		ug/l	250	61.	1
Freon-113	ND		ug/l	2.5	0.70	1
Methyl cyclohexane	ND		ug/l	10	0.40	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	108		70-130
Toluene-d8	97		70-130
4-Bromofluorobenzene	97		70-130
Dibromofluoromethane	102		70-130

Project Name: FORMER ROXY CLEANER**Lab Number:** L2135784**Project Number:** FORMER ROXY CLEANER**Report Date:** 07/16/21**SAMPLE RESULTS**

Lab ID: L2135784-04 D
 Client ID: MW-03
 Sample Location: 154 DELAWARE AVE DELMAR NY

Date Collected: 07/01/21 12:40
 Date Received: 07/01/21
 Field Prep: Not Specified

Sample Depth:

Matrix: Water
 Analytical Method: 1,8260C
 Analytical Date: 07/12/21 16:47
 Analyst: AJK

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Methylene chloride	ND		ug/l	12	3.5	5
1,1-Dichloroethane	ND		ug/l	12	3.5	5
Chloroform	ND		ug/l	12	3.5	5
Carbon tetrachloride	ND		ug/l	2.5	0.67	5
1,2-Dichloropropane	ND		ug/l	5.0	0.68	5
Dibromochloromethane	ND		ug/l	2.5	0.74	5
1,1,2-Trichloroethane	ND		ug/l	7.5	2.5	5
Tetrachloroethene	99		ug/l	2.5	0.90	5
Chlorobenzene	ND		ug/l	12	3.5	5
Trichlorofluoromethane	ND		ug/l	12	3.5	5
1,2-Dichloroethane	ND		ug/l	2.5	0.66	5
1,1,1-Trichloroethane	ND		ug/l	12	3.5	5
Bromodichloromethane	ND		ug/l	2.5	0.96	5
trans-1,3-Dichloropropene	ND		ug/l	2.5	0.82	5
cis-1,3-Dichloropropene	ND		ug/l	2.5	0.72	5
Bromoform	ND		ug/l	10	3.2	5
1,1,2,2-Tetrachloroethane	ND		ug/l	2.5	0.84	5
Benzene	ND		ug/l	2.5	0.80	5
Toluene	ND		ug/l	12	3.5	5
Ethylbenzene	ND		ug/l	12	3.5	5
Chloromethane	ND		ug/l	12	3.5	5
Bromomethane	ND		ug/l	12	3.5	5
Vinyl chloride	220		ug/l	5.0	0.36	5
Chloroethane	ND		ug/l	12	3.5	5
1,1-Dichloroethene	1.4	J	ug/l	2.5	0.84	5
trans-1,2-Dichloroethene	6.5	J	ug/l	12	3.5	5
Trichloroethene	110		ug/l	2.5	0.88	5
1,2-Dichlorobenzene	ND		ug/l	12	3.5	5

Project Name: FORMER ROXY CLEANER**Lab Number:** L2135784**Project Number:** FORMER ROXY CLEANER**Report Date:** 07/16/21**SAMPLE RESULTS**

Lab ID: L2135784-04 D
 Client ID: MW-03
 Sample Location: 154 DELAWARE AVE DELMAR NY

Date Collected: 07/01/21 12:40
 Date Received: 07/01/21
 Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
1,3-Dichlorobenzene	ND		ug/l	12	3.5	5
1,4-Dichlorobenzene	ND		ug/l	12	3.5	5
Methyl tert butyl ether	ND		ug/l	12	3.5	5
p/m-Xylene	ND		ug/l	12	3.5	5
o-Xylene	ND		ug/l	12	3.5	5
cis-1,2-Dichloroethene	600		ug/l	12	3.5	5
Styrene	ND		ug/l	12	3.5	5
Dichlorodifluoromethane	ND		ug/l	25	5.0	5
Acetone	ND		ug/l	25	7.3	5
Carbon disulfide	ND		ug/l	25	5.0	5
2-Butanone	ND		ug/l	25	9.7	5
4-Methyl-2-pentanone	ND		ug/l	25	5.0	5
2-Hexanone	ND		ug/l	25	5.0	5
Bromochloromethane	ND		ug/l	12	3.5	5
1,2-Dibromoethane	ND		ug/l	10	3.2	5
1,2-Dibromo-3-chloropropane	ND		ug/l	12	3.5	5
Isopropylbenzene	ND		ug/l	12	3.5	5
1,2,3-Trichlorobenzene	ND		ug/l	12	3.5	5
1,2,4-Trichlorobenzene	ND		ug/l	12	3.5	5
Methyl Acetate	ND		ug/l	10	1.2	5
Cyclohexane	ND		ug/l	50	1.4	5
1,4-Dioxane	ND		ug/l	1200	300	5
Freon-113	ND		ug/l	12	3.5	5
Methyl cyclohexane	ND		ug/l	50	2.0	5

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	109		70-130
Toluene-d8	99		70-130
4-Bromofluorobenzene	99		70-130
Dibromofluoromethane	106		70-130

Project Name: FORMER ROXY CLEANER**Lab Number:** L2135784**Project Number:** FORMER ROXY CLEANER**Report Date:** 07/16/21**SAMPLE RESULTS**

Lab ID: L2135784-05
 Client ID: MW-04
 Sample Location: 154 DELAWARE AVE DELMAR NY

Date Collected: 07/01/21 12:20
 Date Received: 07/01/21
 Field Prep: Not Specified

Sample Depth:

Matrix: Water
 Analytical Method: 1,8260C
 Analytical Date: 07/13/21 15:57
 Analyst: KJD

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Methylene chloride	ND		ug/l	2.5	0.70	1
1,1-Dichloroethane	ND		ug/l	2.5	0.70	1
Chloroform	ND		ug/l	2.5	0.70	1
Carbon tetrachloride	ND		ug/l	0.50	0.13	1
1,2-Dichloropropane	ND		ug/l	1.0	0.14	1
Dibromochloromethane	ND		ug/l	0.50	0.15	1
1,1,2-Trichloroethane	ND		ug/l	1.5	0.50	1
Tetrachloroethene	ND		ug/l	0.50	0.18	1
Chlorobenzene	ND		ug/l	2.5	0.70	1
Trichlorofluoromethane	ND		ug/l	2.5	0.70	1
1,2-Dichloroethane	ND		ug/l	0.50	0.13	1
1,1,1-Trichloroethane	ND		ug/l	2.5	0.70	1
Bromodichloromethane	ND		ug/l	0.50	0.19	1
trans-1,3-Dichloropropene	ND		ug/l	0.50	0.16	1
cis-1,3-Dichloropropene	ND		ug/l	0.50	0.14	1
Bromoform	ND		ug/l	2.0	0.65	1
1,1,2,2-Tetrachloroethane	ND		ug/l	0.50	0.17	1
Benzene	ND		ug/l	0.50	0.16	1
Toluene	ND		ug/l	2.5	0.70	1
Ethylbenzene	ND		ug/l	2.5	0.70	1
Chloromethane	ND		ug/l	2.5	0.70	1
Bromomethane	ND		ug/l	2.5	0.70	1
Vinyl chloride	ND		ug/l	1.0	0.07	1
Chloroethane	ND		ug/l	2.5	0.70	1
1,1-Dichloroethene	ND		ug/l	0.50	0.17	1
trans-1,2-Dichloroethene	ND		ug/l	2.5	0.70	1
Trichloroethene	ND		ug/l	0.50	0.18	1
1,2-Dichlorobenzene	ND		ug/l	2.5	0.70	1

Project Name: FORMER ROXY CLEANER**Lab Number:** L2135784**Project Number:** FORMER ROXY CLEANER**Report Date:** 07/16/21**SAMPLE RESULTS****Lab ID:** L2135784-05**Date Collected:** 07/01/21 12:20**Client ID:** MW-04**Date Received:** 07/01/21**Sample Location:** 154 DELAWARE AVE DELMAR NY**Field Prep:** Not Specified**Sample Depth:**

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
1,3-Dichlorobenzene	ND		ug/l	2.5	0.70	1
1,4-Dichlorobenzene	ND		ug/l	2.5	0.70	1
Methyl tert butyl ether	ND		ug/l	2.5	0.70	1
p/m-Xylene	ND		ug/l	2.5	0.70	1
o-Xylene	ND		ug/l	2.5	0.70	1
cis-1,2-Dichloroethene	ND		ug/l	2.5	0.70	1
Styrene	ND		ug/l	2.5	0.70	1
Dichlorodifluoromethane	ND		ug/l	5.0	1.0	1
Acetone	ND		ug/l	5.0	1.5	1
Carbon disulfide	ND		ug/l	5.0	1.0	1
2-Butanone	ND		ug/l	5.0	1.9	1
4-Methyl-2-pentanone	ND		ug/l	5.0	1.0	1
2-Hexanone	ND		ug/l	5.0	1.0	1
Bromochloromethane	ND		ug/l	2.5	0.70	1
1,2-Dibromoethane	ND		ug/l	2.0	0.65	1
1,2-Dibromo-3-chloropropane	ND		ug/l	2.5	0.70	1
Isopropylbenzene	ND		ug/l	2.5	0.70	1
1,2,3-Trichlorobenzene	ND		ug/l	2.5	0.70	1
1,2,4-Trichlorobenzene	ND		ug/l	2.5	0.70	1
Methyl Acetate	ND		ug/l	2.0	0.23	1
Cyclohexane	ND		ug/l	10	0.27	1
1,4-Dioxane	ND		ug/l	250	61.	1
Freon-113	ND		ug/l	2.5	0.70	1
Methyl cyclohexane	ND		ug/l	10	0.40	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	97		70-130
Toluene-d8	93		70-130
4-Bromofluorobenzene	79		70-130
Dibromofluoromethane	124		70-130

Project Name: FORMER ROXY CLEANER**Lab Number:** L2135784**Project Number:** FORMER ROXY CLEANER**Report Date:** 07/16/21**SAMPLE RESULTS**

Lab ID: L2135784-06
 Client ID: MW-05
 Sample Location: 154 DELAWARE AVE DELMAR NY

Date Collected: 07/01/21 12:49
 Date Received: 07/01/21
 Field Prep: Not Specified

Sample Depth:

Matrix: Water
 Analytical Method: 1,8260C
 Analytical Date: 07/12/21 13:14
 Analyst: AJK

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Methylene chloride	ND		ug/l	2.5	0.70	1
1,1-Dichloroethane	ND		ug/l	2.5	0.70	1
Chloroform	ND		ug/l	2.5	0.70	1
Carbon tetrachloride	ND		ug/l	0.50	0.13	1
1,2-Dichloropropane	ND		ug/l	1.0	0.14	1
Dibromochloromethane	ND		ug/l	0.50	0.15	1
1,1,2-Trichloroethane	ND		ug/l	1.5	0.50	1
Tetrachloroethene	0.64		ug/l	0.50	0.18	1
Chlorobenzene	ND		ug/l	2.5	0.70	1
Trichlorofluoromethane	ND		ug/l	2.5	0.70	1
1,2-Dichloroethane	ND		ug/l	0.50	0.13	1
1,1,1-Trichloroethane	ND		ug/l	2.5	0.70	1
Bromodichloromethane	ND		ug/l	0.50	0.19	1
trans-1,3-Dichloropropene	ND		ug/l	0.50	0.16	1
cis-1,3-Dichloropropene	ND		ug/l	0.50	0.14	1
Bromoform	ND		ug/l	2.0	0.65	1
1,1,2,2-Tetrachloroethane	ND		ug/l	0.50	0.17	1
Benzene	ND		ug/l	0.50	0.16	1
Toluene	ND		ug/l	2.5	0.70	1
Ethylbenzene	ND		ug/l	2.5	0.70	1
Chloromethane	ND		ug/l	2.5	0.70	1
Bromomethane	ND		ug/l	2.5	0.70	1
Vinyl chloride	13		ug/l	1.0	0.07	1
Chloroethane	ND		ug/l	2.5	0.70	1
1,1-Dichloroethene	ND		ug/l	0.50	0.17	1
trans-1,2-Dichloroethene	ND		ug/l	2.5	0.70	1
Trichloroethene	0.77		ug/l	0.50	0.18	1
1,2-Dichlorobenzene	ND		ug/l	2.5	0.70	1

Project Name: FORMER ROXY CLEANER**Lab Number:** L2135784**Project Number:** FORMER ROXY CLEANER**Report Date:** 07/16/21**SAMPLE RESULTS****Lab ID:** L2135784-06**Date Collected:** 07/01/21 12:49**Client ID:** MW-05**Date Received:** 07/01/21**Sample Location:** 154 DELAWARE AVE DELMAR NY**Field Prep:** Not Specified**Sample Depth:**

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
1,3-Dichlorobenzene	ND		ug/l	2.5	0.70	1
1,4-Dichlorobenzene	ND		ug/l	2.5	0.70	1
Methyl tert butyl ether	ND		ug/l	2.5	0.70	1
p/m-Xylene	ND		ug/l	2.5	0.70	1
o-Xylene	ND		ug/l	2.5	0.70	1
cis-1,2-Dichloroethene	20		ug/l	2.5	0.70	1
Styrene	ND		ug/l	2.5	0.70	1
Dichlorodifluoromethane	ND		ug/l	5.0	1.0	1
Acetone	ND		ug/l	5.0	1.5	1
Carbon disulfide	ND		ug/l	5.0	1.0	1
2-Butanone	ND		ug/l	5.0	1.9	1
4-Methyl-2-pentanone	ND		ug/l	5.0	1.0	1
2-Hexanone	ND		ug/l	5.0	1.0	1
Bromochloromethane	ND		ug/l	2.5	0.70	1
1,2-Dibromoethane	ND		ug/l	2.0	0.65	1
1,2-Dibromo-3-chloropropane	ND		ug/l	2.5	0.70	1
Isopropylbenzene	ND		ug/l	2.5	0.70	1
1,2,3-Trichlorobenzene	ND		ug/l	2.5	0.70	1
1,2,4-Trichlorobenzene	ND		ug/l	2.5	0.70	1
Methyl Acetate	ND		ug/l	2.0	0.23	1
Cyclohexane	ND		ug/l	10	0.27	1
1,4-Dioxane	ND		ug/l	250	61.	1
Freon-113	ND		ug/l	2.5	0.70	1
Methyl cyclohexane	ND		ug/l	10	0.40	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	119		70-130
Toluene-d8	96		70-130
4-Bromofluorobenzene	89		70-130
Dibromofluoromethane	107		70-130

Project Name: FORMER ROXY CLEANER**Lab Number:** L2135784**Project Number:** FORMER ROXY CLEANER**Report Date:** 07/16/21**SAMPLE RESULTS**

Lab ID: L2135784-07
 Client ID: MW-06
 Sample Location: 154 DELAWARE AVE DELMAR NY

Date Collected: 07/01/21 13:00
 Date Received: 07/01/21
 Field Prep: Not Specified

Sample Depth:

Matrix: Water
 Analytical Method: 1,8260C
 Analytical Date: 07/12/21 13:36
 Analyst: AJK

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Methylene chloride	ND		ug/l	2.5	0.70	1
1,1-Dichloroethane	ND		ug/l	2.5	0.70	1
Chloroform	ND		ug/l	2.5	0.70	1
Carbon tetrachloride	ND		ug/l	0.50	0.13	1
1,2-Dichloropropane	ND		ug/l	1.0	0.14	1
Dibromochloromethane	ND		ug/l	0.50	0.15	1
1,1,2-Trichloroethane	ND		ug/l	1.5	0.50	1
Tetrachloroethene	ND		ug/l	0.50	0.18	1
Chlorobenzene	ND		ug/l	2.5	0.70	1
Trichlorofluoromethane	ND		ug/l	2.5	0.70	1
1,2-Dichloroethane	ND		ug/l	0.50	0.13	1
1,1,1-Trichloroethane	ND		ug/l	2.5	0.70	1
Bromodichloromethane	ND		ug/l	0.50	0.19	1
trans-1,3-Dichloropropene	ND		ug/l	0.50	0.16	1
cis-1,3-Dichloropropene	ND		ug/l	0.50	0.14	1
Bromoform	ND		ug/l	2.0	0.65	1
1,1,2,2-Tetrachloroethane	ND		ug/l	0.50	0.17	1
Benzene	ND		ug/l	0.50	0.16	1
Toluene	ND		ug/l	2.5	0.70	1
Ethylbenzene	ND		ug/l	2.5	0.70	1
Chloromethane	ND		ug/l	2.5	0.70	1
Bromomethane	ND		ug/l	2.5	0.70	1
Vinyl chloride	3.2		ug/l	1.0	0.07	1
Chloroethane	ND		ug/l	2.5	0.70	1
1,1-Dichloroethene	ND		ug/l	0.50	0.17	1
trans-1,2-Dichloroethene	ND		ug/l	2.5	0.70	1
Trichloroethene	0.18	J	ug/l	0.50	0.18	1
1,2-Dichlorobenzene	ND		ug/l	2.5	0.70	1

Project Name: FORMER ROXY CLEANER**Lab Number:** L2135784**Project Number:** FORMER ROXY CLEANER**Report Date:** 07/16/21**SAMPLE RESULTS**

Lab ID: L2135784-07

Date Collected: 07/01/21 13:00

Client ID: MW-06

Date Received: 07/01/21

Sample Location: 154 DELAWARE AVE DELMAR NY

Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
1,3-Dichlorobenzene	ND		ug/l	2.5	0.70	1
1,4-Dichlorobenzene	ND		ug/l	2.5	0.70	1
Methyl tert butyl ether	ND		ug/l	2.5	0.70	1
p/m-Xylene	ND		ug/l	2.5	0.70	1
o-Xylene	ND		ug/l	2.5	0.70	1
cis-1,2-Dichloroethene	18		ug/l	2.5	0.70	1
Styrene	ND		ug/l	2.5	0.70	1
Dichlorodifluoromethane	ND		ug/l	5.0	1.0	1
Acetone	ND		ug/l	5.0	1.5	1
Carbon disulfide	ND		ug/l	5.0	1.0	1
2-Butanone	ND		ug/l	5.0	1.9	1
4-Methyl-2-pentanone	ND		ug/l	5.0	1.0	1
2-Hexanone	ND		ug/l	5.0	1.0	1
Bromochloromethane	ND		ug/l	2.5	0.70	1
1,2-Dibromoethane	ND		ug/l	2.0	0.65	1
1,2-Dibromo-3-chloropropane	ND		ug/l	2.5	0.70	1
Isopropylbenzene	ND		ug/l	2.5	0.70	1
1,2,3-Trichlorobenzene	ND		ug/l	2.5	0.70	1
1,2,4-Trichlorobenzene	ND		ug/l	2.5	0.70	1
Methyl Acetate	ND		ug/l	2.0	0.23	1
Cyclohexane	ND		ug/l	10	0.27	1
1,4-Dioxane	ND		ug/l	250	61.	1
Freon-113	ND		ug/l	2.5	0.70	1
Methyl cyclohexane	ND		ug/l	10	0.40	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	116		70-130
Toluene-d8	97		70-130
4-Bromofluorobenzene	89		70-130
Dibromofluoromethane	113		70-130

Project Name: FORMER ROXY CLEANER**Lab Number:** L2135784**Project Number:** FORMER ROXY CLEANER**Report Date:** 07/16/21**SAMPLE RESULTS**

Lab ID: L2135784-08 D
 Client ID: DUPLICATE
 Sample Location: 154 DELAWARE AVE DELMAR NY

Date Collected: 07/01/21 00:00
 Date Received: 07/01/21
 Field Prep: Not Specified

Sample Depth:

Matrix: Water
 Analytical Method: 1,8260C
 Analytical Date: 07/12/21 13:57
 Analyst: AJK

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Methylene chloride	ND		ug/l	120	35.	50
1,1-Dichloroethane	ND		ug/l	120	35.	50
Chloroform	ND		ug/l	120	35.	50
Carbon tetrachloride	ND		ug/l	25	6.7	50
1,2-Dichloropropane	ND		ug/l	50	6.8	50
Dibromochloromethane	ND		ug/l	25	7.4	50
1,1,2-Trichloroethane	ND		ug/l	75	25.	50
Tetrachloroethene	5700		ug/l	25	9.0	50
Chlorobenzene	ND		ug/l	120	35.	50
Trichlorofluoromethane	ND		ug/l	120	35.	50
1,2-Dichloroethane	ND		ug/l	25	6.6	50
1,1,1-Trichloroethane	ND		ug/l	120	35.	50
Bromodichloromethane	ND		ug/l	25	9.6	50
trans-1,3-Dichloropropene	ND		ug/l	25	8.2	50
cis-1,3-Dichloropropene	ND		ug/l	25	7.2	50
Bromoform	ND		ug/l	100	32.	50
1,1,2,2-Tetrachloroethane	ND		ug/l	25	8.4	50
Benzene	ND		ug/l	25	8.0	50
Toluene	ND		ug/l	120	35.	50
Ethylbenzene	ND		ug/l	120	35.	50
Chloromethane	ND		ug/l	120	35.	50
Bromomethane	ND		ug/l	120	35.	50
Vinyl chloride	290		ug/l	50	3.6	50
Chloroethane	ND		ug/l	120	35.	50
1,1-Dichloroethene	ND		ug/l	25	8.4	50
trans-1,2-Dichloroethene	44	J	ug/l	120	35.	50
Trichloroethene	1800		ug/l	25	8.8	50
1,2-Dichlorobenzene	ND		ug/l	120	35.	50

Project Name: FORMER ROXY CLEANER**Lab Number:** L2135784**Project Number:** FORMER ROXY CLEANER**Report Date:** 07/16/21**SAMPLE RESULTS**

Lab ID: L2135784-08 D
 Client ID: DUPLICATE
 Sample Location: 154 DELAWARE AVE DELMAR NY

Date Collected: 07/01/21 00:00
 Date Received: 07/01/21
 Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
1,3-Dichlorobenzene	ND		ug/l	120	35.	50
1,4-Dichlorobenzene	ND		ug/l	120	35.	50
Methyl tert butyl ether	ND		ug/l	120	35.	50
p/m-Xylene	ND		ug/l	120	35.	50
o-Xylene	ND		ug/l	120	35.	50
cis-1,2-Dichloroethene	2500		ug/l	120	35.	50
Styrene	ND		ug/l	120	35.	50
Dichlorodifluoromethane	ND		ug/l	250	50.	50
Acetone	ND		ug/l	250	73.	50
Carbon disulfide	ND		ug/l	250	50.	50
2-Butanone	ND		ug/l	250	97.	50
4-Methyl-2-pentanone	ND		ug/l	250	50.	50
2-Hexanone	ND		ug/l	250	50.	50
Bromochloromethane	ND		ug/l	120	35.	50
1,2-Dibromoethane	ND		ug/l	100	32.	50
1,2-Dibromo-3-chloropropane	ND		ug/l	120	35.	50
Isopropylbenzene	ND		ug/l	120	35.	50
1,2,3-Trichlorobenzene	ND		ug/l	120	35.	50
1,2,4-Trichlorobenzene	ND		ug/l	120	35.	50
Methyl Acetate	ND		ug/l	100	12.	50
Cyclohexane	ND		ug/l	500	14.	50
1,4-Dioxane	ND		ug/l	12000	3000	50
Freon-113	ND		ug/l	120	35.	50
Methyl cyclohexane	ND		ug/l	500	20.	50

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	116		70-130
Toluene-d8	104		70-130
4-Bromofluorobenzene	83		70-130
Dibromofluoromethane	120		70-130

Project Name: FORMER ROXY CLEANER**Lab Number:** L2135784**Project Number:** FORMER ROXY CLEANER**Report Date:** 07/16/21**SAMPLE RESULTS**

Lab ID: L2135784-09
 Client ID: FIELD BLANK
 Sample Location: 154 DELAWARE AVE DELMAR NY

Date Collected: 07/01/21 13:40
 Date Received: 07/01/21
 Field Prep: Not Specified

Sample Depth:

Matrix: Water
 Analytical Method: 1,8260C
 Analytical Date: 07/13/21 14:24
 Analyst: LAC

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Methylene chloride	ND		ug/l	2.5	0.70	1
1,1-Dichloroethane	ND		ug/l	2.5	0.70	1
Chloroform	ND		ug/l	2.5	0.70	1
Carbon tetrachloride	ND		ug/l	0.50	0.13	1
1,2-Dichloropropane	ND		ug/l	1.0	0.14	1
Dibromochloromethane	ND		ug/l	0.50	0.15	1
1,1,2-Trichloroethane	ND		ug/l	1.5	0.50	1
Tetrachloroethene	ND		ug/l	0.50	0.18	1
Chlorobenzene	ND		ug/l	2.5	0.70	1
Trichlorofluoromethane	ND		ug/l	2.5	0.70	1
1,2-Dichloroethane	ND		ug/l	0.50	0.13	1
1,1,1-Trichloroethane	ND		ug/l	2.5	0.70	1
Bromodichloromethane	ND		ug/l	0.50	0.19	1
trans-1,3-Dichloropropene	ND		ug/l	0.50	0.16	1
cis-1,3-Dichloropropene	ND		ug/l	0.50	0.14	1
Bromoform	ND		ug/l	2.0	0.65	1
1,1,2,2-Tetrachloroethane	ND		ug/l	0.50	0.17	1
Benzene	ND		ug/l	0.50	0.16	1
Toluene	ND		ug/l	2.5	0.70	1
Ethylbenzene	ND		ug/l	2.5	0.70	1
Chloromethane	ND		ug/l	2.5	0.70	1
Bromomethane	ND		ug/l	2.5	0.70	1
Vinyl chloride	ND		ug/l	1.0	0.07	1
Chloroethane	ND		ug/l	2.5	0.70	1
1,1-Dichloroethene	ND		ug/l	0.50	0.17	1
trans-1,2-Dichloroethene	ND		ug/l	2.5	0.70	1
Trichloroethene	ND		ug/l	0.50	0.18	1
1,2-Dichlorobenzene	ND		ug/l	2.5	0.70	1

Project Name: FORMER ROXY CLEANER**Lab Number:** L2135784**Project Number:** FORMER ROXY CLEANER**Report Date:** 07/16/21**SAMPLE RESULTS**

Lab ID: L2135784-09
 Client ID: FIELD BLANK
 Sample Location: 154 DELAWARE AVE DELMAR NY

Date Collected: 07/01/21 13:40
 Date Received: 07/01/21
 Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
1,3-Dichlorobenzene	ND		ug/l	2.5	0.70	1
1,4-Dichlorobenzene	ND		ug/l	2.5	0.70	1
Methyl tert butyl ether	ND		ug/l	2.5	0.70	1
p/m-Xylene	ND		ug/l	2.5	0.70	1
o-Xylene	ND		ug/l	2.5	0.70	1
cis-1,2-Dichloroethene	ND		ug/l	2.5	0.70	1
Styrene	ND		ug/l	2.5	0.70	1
Dichlorodifluoromethane	ND		ug/l	5.0	1.0	1
Acetone	ND		ug/l	5.0	1.5	1
Carbon disulfide	ND		ug/l	5.0	1.0	1
2-Butanone	ND		ug/l	5.0	1.9	1
4-Methyl-2-pentanone	ND		ug/l	5.0	1.0	1
2-Hexanone	ND		ug/l	5.0	1.0	1
Bromochloromethane	ND		ug/l	2.5	0.70	1
1,2-Dibromoethane	ND		ug/l	2.0	0.65	1
1,2-Dibromo-3-chloropropane	ND		ug/l	2.5	0.70	1
Isopropylbenzene	ND		ug/l	2.5	0.70	1
1,2,3-Trichlorobenzene	ND		ug/l	2.5	0.70	1
1,2,4-Trichlorobenzene	ND		ug/l	2.5	0.70	1
Methyl Acetate	ND		ug/l	2.0	0.23	1
Cyclohexane	ND		ug/l	10	0.27	1
1,4-Dioxane	ND		ug/l	250	61.	1
Freon-113	ND		ug/l	2.5	0.70	1
Methyl cyclohexane	ND		ug/l	10	0.40	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	107		70-130
Toluene-d8	108		70-130
4-Bromofluorobenzene	112		70-130
Dibromofluoromethane	106		70-130

Project Name: FORMER ROXY CLEANER**Lab Number:** L2135784**Project Number:** FORMER ROXY CLEANER**Report Date:** 07/16/21**SAMPLE RESULTS**

Lab ID: L2135784-10
 Client ID: TRIP BLANK
 Sample Location: 154 DELAWARE AVE DELMAR NY

Date Collected: 07/01/21 00:00
 Date Received: 07/01/21
 Field Prep: Not Specified

Sample Depth:

Matrix: Water
 Analytical Method: 1,8260C
 Analytical Date: 07/13/21 14:47
 Analyst: LAC

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Methylene chloride	ND		ug/l	2.5	0.70	1
1,1-Dichloroethane	ND		ug/l	2.5	0.70	1
Chloroform	ND		ug/l	2.5	0.70	1
Carbon tetrachloride	ND		ug/l	0.50	0.13	1
1,2-Dichloropropane	ND		ug/l	1.0	0.14	1
Dibromochloromethane	ND		ug/l	0.50	0.15	1
1,1,2-Trichloroethane	ND		ug/l	1.5	0.50	1
Tetrachloroethene	ND		ug/l	0.50	0.18	1
Chlorobenzene	ND		ug/l	2.5	0.70	1
Trichlorofluoromethane	ND		ug/l	2.5	0.70	1
1,2-Dichloroethane	ND		ug/l	0.50	0.13	1
1,1,1-Trichloroethane	ND		ug/l	2.5	0.70	1
Bromodichloromethane	ND		ug/l	0.50	0.19	1
trans-1,3-Dichloropropene	ND		ug/l	0.50	0.16	1
cis-1,3-Dichloropropene	ND		ug/l	0.50	0.14	1
Bromoform	ND		ug/l	2.0	0.65	1
1,1,2,2-Tetrachloroethane	ND		ug/l	0.50	0.17	1
Benzene	ND		ug/l	0.50	0.16	1
Toluene	ND		ug/l	2.5	0.70	1
Ethylbenzene	ND		ug/l	2.5	0.70	1
Chloromethane	ND		ug/l	2.5	0.70	1
Bromomethane	ND		ug/l	2.5	0.70	1
Vinyl chloride	ND		ug/l	1.0	0.07	1
Chloroethane	ND		ug/l	2.5	0.70	1
1,1-Dichloroethene	ND		ug/l	0.50	0.17	1
trans-1,2-Dichloroethene	ND		ug/l	2.5	0.70	1
Trichloroethene	ND		ug/l	0.50	0.18	1
1,2-Dichlorobenzene	ND		ug/l	2.5	0.70	1

Project Name: FORMER ROXY CLEANER**Lab Number:** L2135784**Project Number:** FORMER ROXY CLEANER**Report Date:** 07/16/21**SAMPLE RESULTS**

Lab ID: L2135784-10

Date Collected: 07/01/21 00:00

Client ID: TRIP BLANK

Date Received: 07/01/21

Sample Location: 154 DELAWARE AVE DELMAR NY

Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
1,3-Dichlorobenzene	ND		ug/l	2.5	0.70	1
1,4-Dichlorobenzene	ND		ug/l	2.5	0.70	1
Methyl tert butyl ether	ND		ug/l	2.5	0.70	1
p/m-Xylene	ND		ug/l	2.5	0.70	1
o-Xylene	ND		ug/l	2.5	0.70	1
cis-1,2-Dichloroethene	ND		ug/l	2.5	0.70	1
Styrene	ND		ug/l	2.5	0.70	1
Dichlorodifluoromethane	ND		ug/l	5.0	1.0	1
Acetone	ND		ug/l	5.0	1.5	1
Carbon disulfide	ND		ug/l	5.0	1.0	1
2-Butanone	ND		ug/l	5.0	1.9	1
4-Methyl-2-pentanone	ND		ug/l	5.0	1.0	1
2-Hexanone	ND		ug/l	5.0	1.0	1
Bromochloromethane	ND		ug/l	2.5	0.70	1
1,2-Dibromoethane	ND		ug/l	2.0	0.65	1
1,2-Dibromo-3-chloropropane	ND		ug/l	2.5	0.70	1
Isopropylbenzene	ND		ug/l	2.5	0.70	1
1,2,3-Trichlorobenzene	ND		ug/l	2.5	0.70	1
1,2,4-Trichlorobenzene	ND		ug/l	2.5	0.70	1
Methyl Acetate	ND		ug/l	2.0	0.23	1
Cyclohexane	ND		ug/l	10	0.27	1
1,4-Dioxane	ND		ug/l	250	61.	1
Freon-113	ND		ug/l	2.5	0.70	1
Methyl cyclohexane	ND		ug/l	10	0.40	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	106		70-130
Toluene-d8	108		70-130
4-Bromofluorobenzene	112		70-130
Dibromofluoromethane	105		70-130

Project Name: FORMER ROXY CLEANER
Project Number: FORMER ROXY CLEANER

Lab Number: L2135784
Report Date: 07/16/21

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260C
 Analytical Date: 07/12/21 09:59
 Analyst: LAC

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 06-08 Batch: WG1523359-5					
Methylene chloride	ND		ug/l	2.5	0.70
1,1-Dichloroethane	ND		ug/l	2.5	0.70
Chloroform	ND		ug/l	2.5	0.70
Carbon tetrachloride	ND		ug/l	0.50	0.13
1,2-Dichloropropane	ND		ug/l	1.0	0.14
Dibromochloromethane	ND		ug/l	0.50	0.15
1,1,2-Trichloroethane	ND		ug/l	1.5	0.50
Tetrachloroethene	ND		ug/l	0.50	0.18
Chlorobenzene	ND		ug/l	2.5	0.70
Trichlorofluoromethane	ND		ug/l	2.5	0.70
1,2-Dichloroethane	ND		ug/l	0.50	0.13
1,1,1-Trichloroethane	ND		ug/l	2.5	0.70
Bromodichloromethane	ND		ug/l	0.50	0.19
trans-1,3-Dichloropropene	ND		ug/l	0.50	0.16
cis-1,3-Dichloropropene	ND		ug/l	0.50	0.14
Bromoform	ND		ug/l	2.0	0.65
1,1,1,2-Tetrachloroethane	ND		ug/l	0.50	0.17
Benzene	ND		ug/l	0.50	0.16
Toluene	ND		ug/l	2.5	0.70
Ethylbenzene	ND		ug/l	2.5	0.70
Chloromethane	ND		ug/l	2.5	0.70
Bromomethane	ND		ug/l	2.5	0.70
Vinyl chloride	ND		ug/l	1.0	0.07
Chloroethane	ND		ug/l	2.5	0.70
1,1-Dichloroethene	ND		ug/l	0.50	0.17
trans-1,2-Dichloroethene	ND		ug/l	2.5	0.70
Trichloroethene	ND		ug/l	0.50	0.18
1,2-Dichlorobenzene	ND		ug/l	2.5	0.70
1,3-Dichlorobenzene	ND		ug/l	2.5	0.70

Project Name: FORMER ROXY CLEANER

Lab Number: L2135784

Project Number: FORMER ROXY CLEANER

Report Date: 07/16/21

Method Blank Analysis Batch Quality Control

Analytical Method: 1,8260C
 Analytical Date: 07/12/21 09:59
 Analyst: LAC

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 06-08 Batch: WG1523359-5					
1,4-Dichlorobenzene	ND		ug/l	2.5	0.70
Methyl tert butyl ether	ND		ug/l	2.5	0.70
p/m-Xylene	ND		ug/l	2.5	0.70
o-Xylene	ND		ug/l	2.5	0.70
cis-1,2-Dichloroethene	ND		ug/l	2.5	0.70
Styrene	ND		ug/l	2.5	0.70
Dichlorodifluoromethane	ND		ug/l	5.0	1.0
Acetone	ND		ug/l	5.0	1.5
Carbon disulfide	ND		ug/l	5.0	1.0
2-Butanone	ND		ug/l	5.0	1.9
4-Methyl-2-pentanone	ND		ug/l	5.0	1.0
2-Hexanone	ND		ug/l	5.0	1.0
Bromochloromethane	ND		ug/l	2.5	0.70
1,2-Dibromoethane	ND		ug/l	2.0	0.65
1,2-Dibromo-3-chloropropane	ND		ug/l	2.5	0.70
Isopropylbenzene	ND		ug/l	2.5	0.70
1,2,3-Trichlorobenzene	ND		ug/l	2.5	0.70
1,2,4-Trichlorobenzene	ND		ug/l	2.5	0.70
Methyl Acetate	ND		ug/l	2.0	0.23
Cyclohexane	ND		ug/l	10	0.27
1,4-Dioxane	ND		ug/l	250	61.
Freon-113	ND		ug/l	2.5	0.70
Methyl cyclohexane	ND		ug/l	10	0.40

Project Name: FORMER ROXY CLEANER**Lab Number:** L2135784**Project Number:** FORMER ROXY CLEANER**Report Date:** 07/16/21

Method Blank Analysis Batch Quality Control

Analytical Method: 1,8260C
 Analytical Date: 07/12/21 09:59
 Analyst: LAC

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 06-08 Batch: WG1523359-5					

Surrogate	%Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	121		70-130
Toluene-d8	97		70-130
4-Bromofluorobenzene	88		70-130
Dibromofluoromethane	116		70-130

Project Name: FORMER ROXY CLEANER

Lab Number: L2135784

Project Number: FORMER ROXY CLEANER

Report Date: 07/16/21

Method Blank Analysis Batch Quality Control

Analytical Method: 1,8260C
 Analytical Date: 07/12/21 09:34
 Analyst: LAC

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 01-04 Batch: WG1523377-5					
Methylene chloride	ND		ug/l	2.5	0.70
1,1-Dichloroethane	ND		ug/l	2.5	0.70
Chloroform	ND		ug/l	2.5	0.70
Carbon tetrachloride	ND		ug/l	0.50	0.13
1,2-Dichloropropane	ND		ug/l	1.0	0.14
Dibromochloromethane	ND		ug/l	0.50	0.15
1,1,2-Trichloroethane	ND		ug/l	1.5	0.50
Tetrachloroethene	ND		ug/l	0.50	0.18
Chlorobenzene	ND		ug/l	2.5	0.70
Trichlorofluoromethane	ND		ug/l	2.5	0.70
1,2-Dichloroethane	ND		ug/l	0.50	0.13
1,1,1-Trichloroethane	ND		ug/l	2.5	0.70
Bromodichloromethane	ND		ug/l	0.50	0.19
trans-1,3-Dichloropropene	ND		ug/l	0.50	0.16
cis-1,3-Dichloropropene	ND		ug/l	0.50	0.14
Bromoform	ND		ug/l	2.0	0.65
1,1,1,2-Tetrachloroethane	ND		ug/l	0.50	0.17
Benzene	ND		ug/l	0.50	0.16
Toluene	ND		ug/l	2.5	0.70
Ethylbenzene	ND		ug/l	2.5	0.70
Chloromethane	ND		ug/l	2.5	0.70
Bromomethane	ND		ug/l	2.5	0.70
Vinyl chloride	ND		ug/l	1.0	0.07
Chloroethane	ND		ug/l	2.5	0.70
1,1-Dichloroethene	ND		ug/l	0.50	0.17
trans-1,2-Dichloroethene	ND		ug/l	2.5	0.70
Trichloroethene	ND		ug/l	0.50	0.18
1,2-Dichlorobenzene	ND		ug/l	2.5	0.70
1,3-Dichlorobenzene	ND		ug/l	2.5	0.70

Project Name: FORMER ROXY CLEANER

Lab Number: L2135784

Project Number: FORMER ROXY CLEANER

Report Date: 07/16/21

Method Blank Analysis Batch Quality Control

Analytical Method: 1,8260C
 Analytical Date: 07/12/21 09:34
 Analyst: LAC

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 01-04 Batch: WG1523377-5					
1,4-Dichlorobenzene	ND		ug/l	2.5	0.70
Methyl tert butyl ether	ND		ug/l	2.5	0.70
p/m-Xylene	ND		ug/l	2.5	0.70
o-Xylene	ND		ug/l	2.5	0.70
cis-1,2-Dichloroethene	ND		ug/l	2.5	0.70
Styrene	ND		ug/l	2.5	0.70
Dichlorodifluoromethane	ND		ug/l	5.0	1.0
Acetone	ND		ug/l	5.0	1.5
Carbon disulfide	ND		ug/l	5.0	1.0
2-Butanone	ND		ug/l	5.0	1.9
4-Methyl-2-pentanone	ND		ug/l	5.0	1.0
2-Hexanone	ND		ug/l	5.0	1.0
Bromochloromethane	ND		ug/l	2.5	0.70
1,2-Dibromoethane	ND		ug/l	2.0	0.65
1,2-Dibromo-3-chloropropane	ND		ug/l	2.5	0.70
Isopropylbenzene	ND		ug/l	2.5	0.70
1,2,3-Trichlorobenzene	ND		ug/l	2.5	0.70
1,2,4-Trichlorobenzene	ND		ug/l	2.5	0.70
Methyl Acetate	ND		ug/l	2.0	0.23
Cyclohexane	ND		ug/l	10	0.27
1,4-Dioxane	ND		ug/l	250	61.
Freon-113	ND		ug/l	2.5	0.70
Methyl cyclohexane	ND		ug/l	10	0.40

Project Name: FORMER ROXY CLEANER
Project Number: FORMER ROXY CLEANER

Lab Number: L2135784
Report Date: 07/16/21

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260C
Analytical Date: 07/12/21 09:34
Analyst: LAC

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 01-04 Batch: WG1523377-5					

Surrogate	%Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	108		70-130
Toluene-d8	98		70-130
4-Bromofluorobenzene	102		70-130
Dibromofluoromethane	103		70-130

Project Name: FORMER ROXY CLEANER

Lab Number: L2135784

Project Number: FORMER ROXY CLEANER

Report Date: 07/16/21

Method Blank Analysis Batch Quality Control

Analytical Method: 1,8260C
 Analytical Date: 07/13/21 09:46
 Analyst: NLK

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 05 Batch: WG1523485-5					
Methylene chloride	ND		ug/l	2.5	0.70
1,1-Dichloroethane	ND		ug/l	2.5	0.70
Chloroform	ND		ug/l	2.5	0.70
Carbon tetrachloride	ND		ug/l	0.50	0.13
1,2-Dichloropropane	ND		ug/l	1.0	0.14
Dibromochloromethane	ND		ug/l	0.50	0.15
1,1,2-Trichloroethane	ND		ug/l	1.5	0.50
Tetrachloroethene	ND		ug/l	0.50	0.18
Chlorobenzene	ND		ug/l	2.5	0.70
Trichlorofluoromethane	ND		ug/l	2.5	0.70
1,2-Dichloroethane	ND		ug/l	0.50	0.13
1,1,1-Trichloroethane	ND		ug/l	2.5	0.70
Bromodichloromethane	ND		ug/l	0.50	0.19
trans-1,3-Dichloropropene	ND		ug/l	0.50	0.16
cis-1,3-Dichloropropene	ND		ug/l	0.50	0.14
Bromoform	ND		ug/l	2.0	0.65
1,1,1,2-Tetrachloroethane	ND		ug/l	0.50	0.17
Benzene	ND		ug/l	0.50	0.16
Toluene	ND		ug/l	2.5	0.70
Ethylbenzene	ND		ug/l	2.5	0.70
Chloromethane	ND		ug/l	2.5	0.70
Bromomethane	ND		ug/l	2.5	0.70
Vinyl chloride	ND		ug/l	1.0	0.07
Chloroethane	ND		ug/l	2.5	0.70
1,1-Dichloroethene	ND		ug/l	0.50	0.17
trans-1,2-Dichloroethene	ND		ug/l	2.5	0.70
Trichloroethene	ND		ug/l	0.50	0.18
1,2-Dichlorobenzene	ND		ug/l	2.5	0.70
1,3-Dichlorobenzene	ND		ug/l	2.5	0.70

Project Name: FORMER ROXY CLEANER
Project Number: FORMER ROXY CLEANER

Lab Number: L2135784
Report Date: 07/16/21

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260C
 Analytical Date: 07/13/21 09:46
 Analyst: NLK

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 05 Batch: WG1523485-5					
1,4-Dichlorobenzene	ND		ug/l	2.5	0.70
Methyl tert butyl ether	ND		ug/l	2.5	0.70
p/m-Xylene	ND		ug/l	2.5	0.70
o-Xylene	ND		ug/l	2.5	0.70
cis-1,2-Dichloroethene	ND		ug/l	2.5	0.70
Styrene	ND		ug/l	2.5	0.70
Dichlorodifluoromethane	ND		ug/l	5.0	1.0
Acetone	ND		ug/l	5.0	1.5
Carbon disulfide	ND		ug/l	5.0	1.0
2-Butanone	ND		ug/l	5.0	1.9
4-Methyl-2-pentanone	ND		ug/l	5.0	1.0
2-Hexanone	ND		ug/l	5.0	1.0
Bromochloromethane	ND		ug/l	2.5	0.70
1,2-Dibromoethane	ND		ug/l	2.0	0.65
1,2-Dibromo-3-chloropropane	ND		ug/l	2.5	0.70
Isopropylbenzene	ND		ug/l	2.5	0.70
1,2,3-Trichlorobenzene	ND		ug/l	2.5	0.70
1,2,4-Trichlorobenzene	ND		ug/l	2.5	0.70
Methyl Acetate	ND		ug/l	2.0	0.23
Cyclohexane	ND		ug/l	10	0.27
1,4-Dioxane	ND		ug/l	250	61.
Freon-113	ND		ug/l	2.5	0.70
Methyl cyclohexane	ND		ug/l	10	0.40

Project Name: FORMER ROXY CLEANER**Lab Number:** L2135784**Project Number:** FORMER ROXY CLEANER**Report Date:** 07/16/21

Method Blank Analysis Batch Quality Control

Analytical Method: 1,8260C
 Analytical Date: 07/13/21 09:46
 Analyst: NLK

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 05 Batch: WG1523485-5					

Surrogate	%Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	92		70-130
Toluene-d8	89		70-130
4-Bromofluorobenzene	89		70-130
Dibromofluoromethane	117		70-130

Project Name: FORMER ROXY CLEANER

Lab Number: L2135784

Project Number: FORMER ROXY CLEANER

Report Date: 07/16/21

Method Blank Analysis Batch Quality Control

Analytical Method: 1,8260C
 Analytical Date: 07/13/21 10:09
 Analyst: NLK

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 09-10 Batch: WG1523497-5					
Methylene chloride	ND		ug/l	2.5	0.70
1,1-Dichloroethane	ND		ug/l	2.5	0.70
Chloroform	ND		ug/l	2.5	0.70
Carbon tetrachloride	ND		ug/l	0.50	0.13
1,2-Dichloropropane	ND		ug/l	1.0	0.14
Dibromochloromethane	ND		ug/l	0.50	0.15
1,1,2-Trichloroethane	ND		ug/l	1.5	0.50
Tetrachloroethene	ND		ug/l	0.50	0.18
Chlorobenzene	ND		ug/l	2.5	0.70
Trichlorofluoromethane	ND		ug/l	2.5	0.70
1,2-Dichloroethane	ND		ug/l	0.50	0.13
1,1,1-Trichloroethane	ND		ug/l	2.5	0.70
Bromodichloromethane	ND		ug/l	0.50	0.19
trans-1,3-Dichloropropene	ND		ug/l	0.50	0.16
cis-1,3-Dichloropropene	ND		ug/l	0.50	0.14
Bromoform	ND		ug/l	2.0	0.65
1,1,1,2-Tetrachloroethane	ND		ug/l	0.50	0.17
Benzene	ND		ug/l	0.50	0.16
Toluene	ND		ug/l	2.5	0.70
Ethylbenzene	ND		ug/l	2.5	0.70
Chloromethane	ND		ug/l	2.5	0.70
Bromomethane	ND		ug/l	2.5	0.70
Vinyl chloride	ND		ug/l	1.0	0.07
Chloroethane	ND		ug/l	2.5	0.70
1,1-Dichloroethene	ND		ug/l	0.50	0.17
trans-1,2-Dichloroethene	ND		ug/l	2.5	0.70
Trichloroethene	ND		ug/l	0.50	0.18
1,2-Dichlorobenzene	ND		ug/l	2.5	0.70
1,3-Dichlorobenzene	ND		ug/l	2.5	0.70

Project Name: FORMER ROXY CLEANER
Project Number: FORMER ROXY CLEANER

Lab Number: L2135784
Report Date: 07/16/21

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260C
 Analytical Date: 07/13/21 10:09
 Analyst: NLK

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 09-10 Batch: WG1523497-5					
1,4-Dichlorobenzene	ND		ug/l	2.5	0.70
Methyl tert butyl ether	ND		ug/l	2.5	0.70
p/m-Xylene	ND		ug/l	2.5	0.70
o-Xylene	ND		ug/l	2.5	0.70
cis-1,2-Dichloroethene	ND		ug/l	2.5	0.70
Styrene	ND		ug/l	2.5	0.70
Dichlorodifluoromethane	ND		ug/l	5.0	1.0
Acetone	ND		ug/l	5.0	1.5
Carbon disulfide	ND		ug/l	5.0	1.0
2-Butanone	ND		ug/l	5.0	1.9
4-Methyl-2-pentanone	ND		ug/l	5.0	1.0
2-Hexanone	ND		ug/l	5.0	1.0
Bromochloromethane	ND		ug/l	2.5	0.70
1,2-Dibromoethane	ND		ug/l	2.0	0.65
1,2-Dibromo-3-chloropropane	ND		ug/l	2.5	0.70
Isopropylbenzene	ND		ug/l	2.5	0.70
1,2,3-Trichlorobenzene	ND		ug/l	2.5	0.70
1,2,4-Trichlorobenzene	ND		ug/l	2.5	0.70
Methyl Acetate	ND		ug/l	2.0	0.23
Cyclohexane	ND		ug/l	10	0.27
1,4-Dioxane	ND		ug/l	250	61.
Freon-113	ND		ug/l	2.5	0.70
Methyl cyclohexane	ND		ug/l	10	0.40

Project Name: FORMER ROXY CLEANER**Lab Number:** L2135784**Project Number:** FORMER ROXY CLEANER**Report Date:** 07/16/21**Method Blank Analysis**
Batch Quality Control

Analytical Method: 1,8260C
Analytical Date: 07/13/21 10:09
Analyst: NLK

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 09-10 Batch: WG1523497-5					

Surrogate	%Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	107		70-130
Toluene-d8	108		70-130
4-Bromofluorobenzene	114		70-130
Dibromofluoromethane	105		70-130

Lab Control Sample Analysis **Batch Quality Control**

Project Name: FORMER ROXY CLEANER

Lab Number: L2135784

Project Number: FORMER ROXY CLEANER

Report Date: 07/16/21

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 06-08 Batch: WG1523359-3 WG1523359-4								
Methylene chloride	100		100		70-130	0		20
1,1-Dichloroethane	110		110		70-130	0		20
Chloroform	96		100		70-130	4		20
Carbon tetrachloride	100		100		63-132	0		20
1,2-Dichloropropane	100		100		70-130	0		20
Dibromochloromethane	94		98		63-130	4		20
1,1,2-Trichloroethane	92		90		70-130	2		20
Tetrachloroethene	98		100		70-130	2		20
Chlorobenzene	95		96		75-130	1		20
Trichlorofluoromethane	96		92		62-150	4		20
1,2-Dichloroethane	100		100		70-130	0		20
1,1,1-Trichloroethane	87		94		67-130	8		20
Bromodichloromethane	95		96		67-130	1		20
trans-1,3-Dichloropropene	79		76		70-130	4		20
cis-1,3-Dichloropropene	87		84		70-130	4		20
Bromoform	85		87		54-136	2		20
1,1,2,2-Tetrachloroethane	87		88		67-130	1		20
Benzene	100		100		70-130	0		20
Toluene	93		96		70-130	3		20
Ethylbenzene	94		94		70-130	0		20
Chloromethane	100		99		64-130	1		20
Bromomethane	130		140	Q	39-139	7		20
Vinyl chloride	110		110		55-140	0		20

Lab Control Sample Analysis

Batch Quality Control

Project Name: FORMER ROXY CLEANER

Lab Number: L2135784

Project Number: FORMER ROXY CLEANER

Report Date: 07/16/21

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 06-08 Batch: WG1523359-3 WG1523359-4								
Chloroethane	130		120		55-138	8		20
1,1-Dichloroethene	86		81		61-145	6		20
trans-1,2-Dichloroethene	110		100		70-130	10		20
Trichloroethene	93		90		70-130	3		20
1,2-Dichlorobenzene	92		89		70-130	3		20
1,3-Dichlorobenzene	96		94		70-130	2		20
1,4-Dichlorobenzene	93		92		70-130	1		20
Methyl tert butyl ether	90		88		63-130	2		20
p/m-Xylene	95		95		70-130	0		20
o-Xylene	95		95		70-130	0		20
cis-1,2-Dichloroethene	94		90		70-130	4		20
Styrene	100		100		70-130	0		20
Dichlorodifluoromethane	150	Q	140		36-147	7		20
Acetone	91		100		58-148	9		20
Carbon disulfide	88		76		51-130	15		20
2-Butanone	85		93		63-138	9		20
4-Methyl-2-pentanone	74		77		59-130	4		20
2-Hexanone	81		69		57-130	16		20
Bromochloromethane	98		98		70-130	0		20
1,2-Dibromoethane	85		84		70-130	1		20
1,2-Dibromo-3-chloropropane	80		73		41-144	9		20
Isopropylbenzene	89		85		70-130	5		20
1,2,3-Trichlorobenzene	79		76		70-130	4		20

Lab Control Sample Analysis

Batch Quality Control

Project Name: FORMER ROXY CLEANER

Lab Number: L2135784

Project Number: FORMER ROXY CLEANER

Report Date: 07/16/21

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 06-08 Batch: WG1523359-3 WG1523359-4								
1,2,4-Trichlorobenzene	80		76		70-130	5		20
Methyl Acetate	110		110		70-130	0		20
Cyclohexane	110		110		70-130	0		20
1,4-Dioxane	68		68		56-162	0		20
Freon-113	94		100		70-130	6		20
Methyl cyclohexane	94		99		70-130	5		20

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
1,2-Dichloroethane-d4	105		110		70-130
Toluene-d8	100		101		70-130
4-Bromofluorobenzene	90		88		70-130
Dibromofluoromethane	104		109		70-130

Lab Control Sample Analysis **Batch Quality Control**

Project Name: FORMER ROXY CLEANER

Lab Number: L2135784

Project Number: FORMER ROXY CLEANER

Report Date: 07/16/21

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-04 Batch: WG1523377-3 WG1523377-4								
Methylene chloride	91		94		70-130	3		20
1,1-Dichloroethane	92		98		70-130	6		20
Chloroform	92		96		70-130	4		20
Carbon tetrachloride	92		94		63-132	2		20
1,2-Dichloropropane	88		94		70-130	7		20
Dibromochloromethane	85		87		63-130	2		20
1,1,2-Trichloroethane	79		84		70-130	6		20
Tetrachloroethene	83		89		70-130	7		20
Chlorobenzene	87		90		75-130	3		20
Trichlorofluoromethane	93		97		62-150	4		20
1,2-Dichloroethane	97		100		70-130	3		20
1,1,1-Trichloroethane	85		90		67-130	6		20
Bromodichloromethane	88		92		67-130	4		20
trans-1,3-Dichloropropene	85		89		70-130	5		20
cis-1,3-Dichloropropene	89		93		70-130	4		20
Bromoform	75		81		54-136	8		20
1,1,2,2-Tetrachloroethane	95		100		67-130	5		20
Benzene	90		95		70-130	5		20
Toluene	88		91		70-130	3		20
Ethylbenzene	88		93		70-130	6		20
Chloromethane	110		110		64-130	0		20
Bromomethane	150	Q	160	Q	39-139	6		20
Vinyl chloride	98		100		55-140	2		20

Lab Control Sample Analysis

Batch Quality Control

Project Name: FORMER ROXY CLEANER

Lab Number: L2135784

Project Number: FORMER ROXY CLEANER

Report Date: 07/16/21

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-04 Batch: WG1523377-3 WG1523377-4								
Chloroethane	120		120		55-138	0		20
1,1-Dichloroethene	84		88		61-145	5		20
trans-1,2-Dichloroethene	90		92		70-130	2		20
Trichloroethene	78		84		70-130	7		20
1,2-Dichlorobenzene	85		88		70-130	3		20
1,3-Dichlorobenzene	87		90		70-130	3		20
1,4-Dichlorobenzene	86		88		70-130	2		20
Methyl tert butyl ether	95		100		63-130	5		20
p/m-Xylene	85		90		70-130	6		20
o-Xylene	90		90		70-130	0		20
cis-1,2-Dichloroethene	88		87		70-130	1		20
Styrene	90		90		70-130	0		20
Dichlorodifluoromethane	130		140		36-147	7		20
Acetone	100		87		58-148	14		20
Carbon disulfide	96		97		51-130	1		20
2-Butanone	82		86		63-138	5		20
4-Methyl-2-pentanone	75		82		59-130	9		20
2-Hexanone	82		92		57-130	11		20
Bromochloromethane	91		95		70-130	4		20
1,2-Dibromoethane	82		90		70-130	9		20
1,2-Dibromo-3-chloropropane	70		83		41-144	17		20
Isopropylbenzene	88		93		70-130	6		20
1,2,3-Trichlorobenzene	80		84		70-130	5		20

Lab Control Sample Analysis

Batch Quality Control

Project Name: FORMER ROXY CLEANER

Lab Number: L2135784

Project Number: FORMER ROXY CLEANER

Report Date: 07/16/21

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-04 Batch: WG1523377-3 WG1523377-4								
1,2,4-Trichlorobenzene	83		86		70-130	4		20
Methyl Acetate	86		99		70-130	14		20
Cyclohexane	88		96		70-130	9		20
1,4-Dioxane	78		92		56-162	16		20
Freon-113	96		100		70-130	4		20
Methyl cyclohexane	90		94		70-130	4		20

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
1,2-Dichloroethane-d4	111		112		70-130
Toluene-d8	99		99		70-130
4-Bromofluorobenzene	103		99		70-130
Dibromofluoromethane	108		104		70-130

Lab Control Sample Analysis Batch Quality Control

Project Name: FORMER ROXY CLEANER

Lab Number: L2135784

Project Number: FORMER ROXY CLEANER

Report Date: 07/16/21

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 05 Batch: WG1523485-3 WG1523485-4								
Methylene chloride	86		88		70-130	2		20
1,1-Dichloroethane	90		96		70-130	6		20
Chloroform	100		100		70-130	0		20
Carbon tetrachloride	96		96		63-132	0		20
1,2-Dichloropropane	100		100		70-130	0		20
Dibromochloromethane	100		98		63-130	2		20
1,1,2-Trichloroethane	92		93		70-130	1		20
Tetrachloroethene	110		100		70-130	10		20
Chlorobenzene	99		98		75-130	1		20
Trichlorofluoromethane	140		130		62-150	7		20
1,2-Dichloroethane	100		98		70-130	2		20
1,1,1-Trichloroethane	99		98		67-130	1		20
Bromodichloromethane	100		95		67-130	5		20
trans-1,3-Dichloropropene	80		72		70-130	11		20
cis-1,3-Dichloropropene	94		92		70-130	2		20
Bromoform	74		76		54-136	3		20
1,1,2,2-Tetrachloroethane	100		100		67-130	0		20
Benzene	100		100		70-130	0		20
Toluene	91		89		70-130	2		20
Ethylbenzene	88		86		70-130	2		20
Chloromethane	96		95		64-130	1		20
Bromomethane	120		110		39-139	9		20
Vinyl chloride	100		93		55-140	7		20

Lab Control Sample Analysis

Batch Quality Control

Project Name: FORMER ROXY CLEANER

Lab Number: L2135784

Project Number: FORMER ROXY CLEANER

Report Date: 07/16/21

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 05 Batch: WG1523485-3 WG1523485-4								
Chloroethane	120		120		55-138	0		20
1,1-Dichloroethene	100		92		61-145	8		20
trans-1,2-Dichloroethene	85		96		70-130	12		20
Trichloroethene	100		99		70-130	1		20
1,2-Dichlorobenzene	120		110		70-130	9		20
1,3-Dichlorobenzene	120		110		70-130	9		20
1,4-Dichlorobenzene	110		110		70-130	0		20
Methyl tert butyl ether	76		78		63-130	3		20
p/m-Xylene	100		95		70-130	5		20
o-Xylene	100		95		70-130	5		20
cis-1,2-Dichloroethene	100		100		70-130	0		20
Styrene	100		95		70-130	5		20
Dichlorodifluoromethane	110		110		36-147	0		20
Acetone	78		76		58-148	3		20
Carbon disulfide	91		89		51-130	2		20
2-Butanone	120		130		63-138	8		20
4-Methyl-2-pentanone	81		80		59-130	1		20
2-Hexanone	89		98		57-130	10		20
Bromochloromethane	130		140	Q	70-130	7		20
1,2-Dibromoethane	100		100		70-130	0		20
1,2-Dibromo-3-chloropropane	98		95		41-144	3		20
Isopropylbenzene	98		98		70-130	0		20
1,2,3-Trichlorobenzene	100		110		70-130	10		20

Lab Control Sample Analysis

Batch Quality Control

Project Name: FORMER ROXY CLEANER

Lab Number: L2135784

Project Number: FORMER ROXY CLEANER

Report Date: 07/16/21

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 05 Batch: WG1523485-3 WG1523485-4								
1,2,4-Trichlorobenzene	110		110		70-130	0		20
Methyl Acetate	100		92		70-130	8		20
Cyclohexane	96		94		70-130	2		20
1,4-Dioxane	130		148		56-162	13		20
Freon-113	100		110		70-130	10		20
Methyl cyclohexane	110		100		70-130	10		20

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
1,2-Dichloroethane-d4	98		101		70-130
Toluene-d8	92		92		70-130
4-Bromofluorobenzene	91		90		70-130
Dibromofluoromethane	113		118		70-130

Lab Control Sample Analysis

Batch Quality Control

Project Name: FORMER ROXY CLEANER

Lab Number: L2135784

Project Number: FORMER ROXY CLEANER

Report Date: 07/16/21

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 09-10 Batch: WG1523497-3 WG1523497-4								
Methylene chloride	96		94		70-130	2		20
1,1-Dichloroethane	110		110		70-130	0		20
Chloroform	100		100		70-130	0		20
Carbon tetrachloride	110		100		63-132	10		20
1,2-Dichloropropane	100		100		70-130	0		20
Dibromochloromethane	90		90		63-130	0		20
1,1,2-Trichloroethane	87		86		70-130	1		20
Tetrachloroethene	98		97		70-130	1		20
Chlorobenzene	99		98		75-130	1		20
Trichlorofluoromethane	110		100		62-150	10		20
1,2-Dichloroethane	100		100		70-130	0		20
1,1,1-Trichloroethane	110		100		67-130	10		20
Bromodichloromethane	98		98		67-130	0		20
trans-1,3-Dichloropropene	89		88		70-130	1		20
cis-1,3-Dichloropropene	95		93		70-130	2		20
Bromoform	83		82		54-136	1		20
1,1,2,2-Tetrachloroethane	88		86		67-130	2		20
Benzene	100		97		70-130	3		20
Toluene	98		98		70-130	0		20
Ethylbenzene	100		98		70-130	2		20
Chloromethane	99		98		64-130	1		20
Bromomethane	97		97		39-139	0		20
Vinyl chloride	100		99		55-140	1		20

Lab Control Sample Analysis

Batch Quality Control

Project Name: FORMER ROXY CLEANER

Lab Number: L2135784

Project Number: FORMER ROXY CLEANER

Report Date: 07/16/21

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 09-10 Batch: WG1523497-3 WG1523497-4								
Chloroethane	100		100		55-138	0		20
1,1-Dichloroethene	100		99		61-145	1		20
trans-1,2-Dichloroethene	100		99		70-130	1		20
Trichloroethene	100		100		70-130	0		20
1,2-Dichlorobenzene	93		92		70-130	1		20
1,3-Dichlorobenzene	99		96		70-130	3		20
1,4-Dichlorobenzene	99		96		70-130	3		20
Methyl tert butyl ether	86		85		63-130	1		20
p/m-Xylene	100		100		70-130	0		20
o-Xylene	95		95		70-130	0		20
cis-1,2-Dichloroethene	100		100		70-130	0		20
Styrene	90		90		70-130	0		20
Dichlorodifluoromethane	96		93		36-147	3		20
Acetone	87		80		58-148	8		20
Carbon disulfide	100		98		51-130	2		20
2-Butanone	84		77		63-138	9		20
4-Methyl-2-pentanone	80		85		59-130	6		20
2-Hexanone	77		78		57-130	1		20
Bromochloromethane	100		96		70-130	4		20
1,2-Dibromoethane	85		86		70-130	1		20
1,2-Dibromo-3-chloropropane	72		67		41-144	7		20
Isopropylbenzene	100		100		70-130	0		20
1,2,3-Trichlorobenzene	70		76		70-130	8		20

Lab Control Sample Analysis

Batch Quality Control

Project Name: FORMER ROXY CLEANER

Lab Number: L2135784

Project Number: FORMER ROXY CLEANER

Report Date: 07/16/21

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 09-10 Batch: WG1523497-3 WG1523497-4								
1,2,4-Trichlorobenzene	85		88		70-130	3		20
Methyl Acetate	82		83		70-130	1		20
Cyclohexane	110		110		70-130	0		20
1,4-Dioxane	74		64		56-162	14		20
Freon-113	100		100		70-130	0		20
Methyl cyclohexane	100		98		70-130	2		20

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
1,2-Dichloroethane-d4	106		105		70-130
Toluene-d8	108		109		70-130
4-Bromofluorobenzene	112		110		70-130
Dibromofluoromethane	107		107		70-130

Matrix Spike Analysis

Batch Quality Control

Project Name: FORMER ROXY CLEANER

Project Number: FORMER ROXY CLEANER

Lab Number: L2135784

Report Date: 07/16/21

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	Qual	MSD Found	MSD %Recovery	Qual	Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 05 QC Batch ID: WG1523485-6 WG1523485-7 QC Sample: L2135784-05 Client ID: MW-04												
Methylene chloride	ND	10	10	100		11	110		70-130	10		20
1,1-Dichloroethane	ND	10	10	100		10	100		70-130	0		20
Chloroform	ND	10	11	110		12	120		70-130	9		20
Carbon tetrachloride	ND	10	11	110		11	110		63-132	0		20
1,2-Dichloropropane	ND	10	12	120		12	120		70-130	0		20
Dibromochloromethane	ND	10	10	100		12	120		63-130	18		20
1,1,2-Trichloroethane	ND	10	10	100		11	110		70-130	10		20
Tetrachloroethene	ND	10	13	130		12	120		70-130	8		20
Chlorobenzene	ND	10	11	110		12	120		75-130	9		20
Trichlorofluoromethane	ND	10	18	180	Q	17	170	Q	62-150	6		20
1,2-Dichloroethane	ND	10	10	100		11	110		70-130	10		20
1,1,1-Trichloroethane	ND	10	11	110		11	110		67-130	0		20
Bromodichloromethane	ND	10	11	110		12	120		67-130	9		20
trans-1,3-Dichloropropene	ND	10	8.2	82		8.4	84		70-130	2		20
cis-1,3-Dichloropropene	ND	10	9.7	97		10	100		70-130	3		20
Bromoform	ND	10	7.7	77		8.1	81		54-136	5		20
1,1,2,2-Tetrachloroethane	ND	10	11	110		11	110		67-130	0		20
Benzene	ND	10	12	120		12	120		70-130	0		20
Toluene	ND	10	10	100		11	110		70-130	10		20
Ethylbenzene	ND	10	10	100		10	100		70-130	0		20
Chloromethane	ND	10	11	110		12	120		64-130	9		20
Bromomethane	ND	10	8.6	86		9.9	99		39-139	14		20
Vinyl chloride	ND	10	12	120		12	120		55-140	0		20

Matrix Spike Analysis

Batch Quality Control

Project Name: FORMER ROXY CLEANER

Project Number: FORMER ROXY CLEANER

Lab Number: L2135784

Report Date: 07/16/21

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	Qual	MSD Found	MSD %Recovery	Qual	Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 05 QC Batch ID: WG1523485-6 WG1523485-7 QC Sample: L2135784-05 Client ID: MW-04												
Chloroethane	ND	10	15	150	Q	14	140	Q	55-138	7		20
1,1-Dichloroethene	ND	10	13	130		14	140		61-145	7		20
trans-1,2-Dichloroethene	ND	10	11	110		12	120		70-130	9		20
Trichloroethene	ND	10	11	110		12	120		70-130	9		20
1,2-Dichlorobenzene	ND	10	12	120		12	120		70-130	0		20
1,3-Dichlorobenzene	ND	10	11	110		12	120		70-130	9		20
1,4-Dichlorobenzene	ND	10	11	110		12	120		70-130	9		20
Methyl tert butyl ether	ND	10	9.3	93		9.8	98		63-130	5		20
p/m-Xylene	ND	20	23	115		23	115		70-130	0		20
o-Xylene	ND	20	23	115		23	115		70-130	0		20
cis-1,2-Dichloroethene	ND	10	12	120		12	120		70-130	0		20
Styrene	ND	20	23	115		23	115		70-130	0		20
Dichlorodifluoromethane	ND	10	12	120		13	130		36-147	8		20
Acetone	ND	10	8.7	87		9.4	94		58-148	8		20
Carbon disulfide	ND	10	11	110		12	120		51-130	9		20
2-Butanone	ND	10	14	140	Q	12	120		63-138	15		20
4-Methyl-2-pentanone	ND	10	8.7	87		10	100		59-130	14		20
2-Hexanone	ND	10	9.7	97		10	100		57-130	3		20
Bromochloromethane	ND	10	14	140	Q	15	150	Q	70-130	7		20
1,2-Dibromoethane	ND	10	11	110		12	120		70-130	9		20
1,2-Dibromo-3-chloropropane	ND	10	8.2	82		11	110		41-144	29	Q	20
Isopropylbenzene	ND	10	11	110		11	110		70-130	0		20
1,2,3-Trichlorobenzene	ND	10	11	110		12	120		70-130	9		20

Matrix Spike Analysis

Batch Quality Control

Project Name: FORMER ROXY CLEANER

Project Number: FORMER ROXY CLEANER

Lab Number: L2135784

Report Date: 07/16/21

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	Qual	MSD Found	MSD %Recovery	Qual	Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 05 QC Batch ID: WG1523485-6 WG1523485-7 QC Sample: L2135784-05 Client ID: MW-04												
1,2,4-Trichlorobenzene	ND	10	11	110		12	120		70-130	9		20
Methyl Acetate	ND	10	10	100		12	120		70-130	18		20
Cyclohexane	ND	10	10	100		11	110		70-130	10		20
1,4-Dioxane	ND	500	430	86		440	88		56-162	2		20
Freon-113	ND	10	12	120		14	140	Q	70-130	15		20
Methyl cyclohexane	ND	10	11	110		12	120		70-130	9		20

Surrogate	MS % Recovery	MS Qualifier	MSD % Recovery	MSD Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	100		96		70-130
4-Bromofluorobenzene	84		84		70-130
Dibromofluoromethane	112		109		70-130
Toluene-d8	95		93		70-130

Project Name: FORMER ROXY CLEANER**Lab Number:** L2135784**Project Number:** FORMER ROXY CLEANER**Report Date:** 07/16/21**Sample Receipt and Container Information**

Were project specific reporting limits specified?

YES

Cooler Information

Cooler	Custody Seal
A	Absent

Container Information

Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
L2135784-01A	Vial HCl preserved	A	NA		3.9	Y	Absent		NYTCL-8260-R2(14)
L2135784-01B	Vial HCl preserved	A	NA		3.9	Y	Absent		NYTCL-8260-R2(14)
L2135784-01C	Vial HCl preserved	A	NA		3.9	Y	Absent		NYTCL-8260-R2(14)
L2135784-02A	Vial HCl preserved	A	NA		3.9	Y	Absent		NYTCL-8260-R2(14)
L2135784-02B	Vial HCl preserved	A	NA		3.9	Y	Absent		NYTCL-8260-R2(14)
L2135784-02C	Vial HCl preserved	A	NA		3.9	Y	Absent		NYTCL-8260-R2(14)
L2135784-03A	Vial HCl preserved	A	NA		3.9	Y	Absent		NYTCL-8260-R2(14)
L2135784-03B	Vial HCl preserved	A	NA		3.9	Y	Absent		NYTCL-8260-R2(14)
L2135784-03C	Vial HCl preserved	A	NA		3.9	Y	Absent		NYTCL-8260-R2(14)
L2135784-04A	Vial HCl preserved	A	NA		3.9	Y	Absent		NYTCL-8260-R2(14)
L2135784-04B	Vial HCl preserved	A	NA		3.9	Y	Absent		NYTCL-8260-R2(14)
L2135784-04C	Vial HCl preserved	A	NA		3.9	Y	Absent		NYTCL-8260-R2(14)
L2135784-05A	Vial HCl preserved	A	NA		3.9	Y	Absent		NYTCL-8260-R2(14)
L2135784-05A1	Vial HCl preserved	A	NA		3.9	Y	Absent		NYTCL-8260-R2(14)
L2135784-05A2	Vial HCl preserved	A	NA		3.9	Y	Absent		NYTCL-8260-R2(14)
L2135784-05B	Vial HCl preserved	A	NA		3.9	Y	Absent		NYTCL-8260-R2(14)
L2135784-05B1	Vial HCl preserved	A	NA		3.9	Y	Absent		NYTCL-8260-R2(14)
L2135784-05B2	Vial HCl preserved	A	NA		3.9	Y	Absent		NYTCL-8260-R2(14)
L2135784-05C	Vial HCl preserved	A	NA		3.9	Y	Absent		NYTCL-8260-R2(14)
L2135784-05C1	Vial HCl preserved	A	NA		3.9	Y	Absent		NYTCL-8260-R2(14)
L2135784-05C2	Vial HCl preserved	A	NA		3.9	Y	Absent		NYTCL-8260-R2(14)
L2135784-06A	Vial HCl preserved	A	NA		3.9	Y	Absent		NYTCL-8260-R2(14)
L2135784-06B	Vial HCl preserved	A	NA		3.9	Y	Absent		NYTCL-8260-R2(14)

Project Name: FORMER ROXY CLEANER**Lab Number:** L2135784**Project Number:** FORMER ROXY CLEANER**Report Date:** 07/16/21**Container Information**

Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
L2135784-06C	Vial HCl preserved	A	NA		3.9	Y	Absent		NYTCL-8260-R2(14)
L2135784-07A	Vial HCl preserved	A	NA		3.9	Y	Absent		NYTCL-8260-R2(14)
L2135784-07B	Vial HCl preserved	A	NA		3.9	Y	Absent		NYTCL-8260-R2(14)
L2135784-07C	Vial HCl preserved	A	NA		3.9	Y	Absent		NYTCL-8260-R2(14)
L2135784-08A	Vial HCl preserved	A	NA		3.9	Y	Absent		NYTCL-8260-R2(14)
L2135784-08B	Vial HCl preserved	A	NA		3.9	Y	Absent		NYTCL-8260-R2(14)
L2135784-08C	Vial HCl preserved	A	NA		3.9	Y	Absent		NYTCL-8260-R2(14)
L2135784-09A	Vial HCl preserved	A	NA		3.9	Y	Absent		NYTCL-8260-R2(14)
L2135784-09B	Vial HCl preserved	A	NA		3.9	Y	Absent		NYTCL-8260-R2(14)
L2135784-09C	Vial HCl preserved	A	NA		3.9	Y	Absent		NYTCL-8260-R2(14)
L2135784-10A	Vial HCl preserved	A	NA		3.9	Y	Absent		NYTCL-8260-R2(14)
L2135784-10B	Vial HCl preserved	A	NA		3.9	Y	Absent		NYTCL-8260-R2(14)

Project Name: FORMER ROXY CLEANER
Project Number: FORMER ROXY CLEANER

Lab Number: L2135784
Report Date: 07/16/21

GLOSSARY

Acronyms

DL	- Detection Limit: This value represents the level to which target analyte concentrations are reported as estimated values, when those target analyte concentrations are quantified below the limit of quantitation (LOQ). The DL includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.)
EDL	- Estimated Detection Limit: This value represents the level to which target analyte concentrations are reported as estimated values, when those target analyte concentrations are quantified below the reporting limit (RL). The EDL includes any adjustments from dilutions, concentrations or moisture content, where applicable. The use of EDLs is specific to the analysis of PAHs using Solid-Phase Microextraction (SPME).
EMPC	- Estimated Maximum Possible Concentration: The concentration that results from the signal present at the retention time of an analyte when the ions meet all of the identification criteria except the ion abundance ratio criteria. An EMPC is a worst-case estimate of the concentration.
EPA	- Environmental Protection Agency.
LCS	- Laboratory Control Sample: A sample matrix, free from the analytes of interest, spiked with verified known amounts of analytes or a material containing known and verified amounts of analytes.
LCSD	- Laboratory Control Sample Duplicate: Refer to LCS.
LFB	- Laboratory Fortified Blank: A sample matrix, free from the analytes of interest, spiked with verified known amounts of analytes or a material containing known and verified amounts of analytes.
LOD	- Limit of Detection: This value represents the level to which a target analyte can reliably be detected for a specific analyte in a specific matrix by a specific method. The LOD includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.)
LOQ	- Limit of Quantitation: The value at which an instrument can accurately measure an analyte at a specific concentration. The LOQ includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.) Limit of Quantitation: The value at which an instrument can accurately measure an analyte at a specific concentration. The LOQ includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.)
MDL	- Method Detection Limit: This value represents the level to which target analyte concentrations are reported as estimated values, when those target analyte concentrations are quantified below the reporting limit (RL). The MDL includes any adjustments from dilutions, concentrations or moisture content, where applicable.
MS	- Matrix Spike Sample: A sample prepared by adding a known mass of target analyte to a specified amount of matrix sample for which an independent estimate of target analyte concentration is available. For Method 332.0, the spike recovery is calculated using the native concentration, including estimated values.
MSD	- Matrix Spike Sample Duplicate: Refer to MS.
NA	- Not Applicable.
NC	- Not Calculated: Term is utilized when one or more of the results utilized in the calculation are non-detect at the parameter's reporting unit.
NDPA/DPA	- N-Nitrosodiphenylamine/Diphenylamine.
NI	- Not Ignitable.
NP	- Non-Plastic: Term is utilized for the analysis of Atterberg Limits in soil.
NR	- No Results: Term is utilized when 'No Target Compounds Requested' is reported for the analysis of Volatile or Semivolatile Organic TIC only requests.
RL	- Reporting Limit: The value at which an instrument can accurately measure an analyte at a specific concentration. The RL includes any adjustments from dilutions, concentrations or moisture content, where applicable.
RPD	- Relative Percent Difference: The results from matrix and/or matrix spike duplicates are primarily designed to assess the precision of analytical results in a given matrix and are expressed as relative percent difference (RPD). Values which are less than five times the reporting limit for any individual parameter are evaluated by utilizing the absolute difference between the values; although the RPD value will be provided in the report.
SRM	- Standard Reference Material: A reference sample of a known or certified value that is of the same or similar matrix as the associated field samples.
STLP	- Semi-dynamic Tank Leaching Procedure per EPA Method 1315.
TEF	- Toxic Equivalency Factors: The values assigned to each dioxin and furan to evaluate their toxicity relative to 2,3,7,8-TCDD.
TEQ	- Toxic Equivalent: The measure of a sample's toxicity derived by multiplying each dioxin and furan by its corresponding TEF and then summing the resulting values.
TIC	- Tentatively Identified Compound: A compound that has been identified to be present and is not part of the target compound list (TCL) for the method and/or program. All TICs are qualitatively identified and reported as estimated concentrations.

Report Format: DU Report with 'J' Qualifiers



Project Name: FORMER ROXY CLEANER
Project Number: FORMER ROXY CLEANER

Lab Number: L2135784
Report Date: 07/16/21

Footnotes

- 1 - The reference for this analyte should be considered modified since this analyte is absent from the target analyte list of the original method.

Terms

Analytical Method: Both the document from which the method originates and the analytical reference method. (Example: EPA 8260B is shown as 1,8260B.) The codes for the reference method documents are provided in the References section of the Addendum.

Difference: With respect to Total Oxidizable Precursor (TOP) Assay analysis, the difference is defined as the Post-Treatment value minus the Pre-Treatment value.

Final pH: As it pertains to Sample Receipt & Container Information section of the report, Final pH reflects pH of container determined after adjustment at the laboratory, if applicable. If no adjustment required, value reflects Initial pH.

Frozen Date/Time: With respect to Volatile Organics in soil, Frozen Date/Time reflects the date/time at which associated Reagent Water-preserved vials were initially frozen. Note: If frozen date/time is beyond 48 hours from sample collection, value will be reflected in 'bold'.

Initial pH: As it pertains to Sample Receipt & Container Information section of the report, Initial pH reflects pH of container determined upon receipt, if applicable.

PAH Total: With respect to Alkylated PAH analyses, the 'PAHs, Total' result is defined as the summation of results for all or a subset of the following compounds: Naphthalene, C1-C4 Naphthalenes, 2-Methylnaphthalene, 1-Methylnaphthalene, Biphenyl, Acenaphthylene, Acenaphthene, Fluorene, C1-C3 Fluorenes, Phenanthrene, C1-C4 Phenanthrenes/Anthracenes, Anthracene, Fluoranthene, Pyrene, C1-C4 Fluoranthenes/Pyrenes, Benz(a)anthracene, Chrysene, C1-C4 Chrysenes, Benzo(b)fluoranthene, Benzo(j)(k)fluoranthene, Benzo(e)pyrene, Benzo(a)pyrene, Perylene, Indeno(1,2,3-cd)pyrene, Dibenz(ah)+(ac)anthracene, Benzo(g,h,i)perylene. If a 'Total' result is requested, the results of its individual components will also be reported.

PFAS Total: With respect to PFAS analyses, the 'PFAS, Total (5)' result is defined as the summation of results for: PFHpA, PFHxS, PFOA, PFNA and PFOS. In addition, the 'PFAS, Total (6)' result is defined as the summation of results for: PFHpA, PFHxS, PFOA, PFNA, PFDA and PFOS. For MassDEP DW compliance analysis only, the 'PFAS, Total (6)' result is defined as the summation of results at or above the RL. Note: If a 'Total' result is requested, the results of its individual components will also be reported.

The target compound Chlordane (CAS No. 57-74-9) is reported for GC ECD analyses. Per EPA, this compound "refers to a mixture of chlordane isomers, other chlorinated hydrocarbons and numerous other components." (Reference: USEPA Toxicological Review of Chlordane, In Support of Summary Information on the Integrated Risk Information System (IRIS), December 1997.)

Total: With respect to Organic analyses, a 'Total' result is defined as the summation of results for individual isomers or Aroclors. If a 'Total' result is requested, the results of its individual components will also be reported. This is applicable to 'Total' results for methods 8260, 8081 and 8082.

Data Qualifiers

- A** - Spectra identified as "Aldol Condensates" are byproducts of the extraction/concentration procedures when acetone is introduced in the process.
- B** - The analyte was detected above the reporting limit in the associated method blank. Flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank. For MCP-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank. For DOD-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank AND the analyte was detected above one-half the reporting limit (or above the reporting limit for common lab contaminants) in the associated method blank. For NJ-Air-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte above the reporting limit. For NJ-related projects (excluding Air), flag only applies to associated field samples that have detectable concentrations of the analyte, which was detected above the reporting limit in the associated method blank or above five times the reporting limit for common lab contaminants (Phthalates, Acetone, Methylene Chloride, 2-Butanone).
- C** - Co-elution: The target analyte co-elutes with a known lab standard (i.e. surrogate, internal standards, etc.) for co-extracted analyses.
- D** - Concentration of analyte was quantified from diluted analysis. Flag only applies to field samples that have detectable concentrations of the analyte.
- E** - Concentration of analyte exceeds the range of the calibration curve and/or linear range of the instrument.
- F** - The ratio of quantifier ion response to qualifier ion response falls outside of the laboratory criteria. Results are considered to be an estimated maximum concentration.
- G** - The concentration may be biased high due to matrix interferences (i.e. co-elution) with non-target compound(s). The result should be considered estimated.
- H** - The analysis of pH was performed beyond the regulatory-required holding time of 15 minutes from the time of sample collection.
- I** - The lower value for the two columns has been reported due to obvious interference.
- J** - Estimated value. The Target analyte concentration is below the quantitation limit (RL), but above the Method Detection Limit (MDL) or Estimated Detection Limit (EDL) for SPME-related analyses. This represents an estimated concentration for Tentatively Identified Compounds (TICs).
- M** - Reporting Limit (RL) exceeds the MCP CAM Reporting Limit for this analyte.
- ND** - Not detected at the method detection limit (MDL) for the sample, or estimated detection limit (EDL) for SPME-related analyses.

Report Format: DU Report with 'J' Qualifiers



Project Name: FORMER ROXY CLEANER
Project Number: FORMER ROXY CLEANER

Lab Number: L2135784
Report Date: 07/16/21

Data Qualifiers

- NJ** - Presumptive evidence of compound. This represents an estimated concentration for Tentatively Identified Compounds (TICs), where the identification is based on a mass spectral library search.
- P** - The RPD between the results for the two columns exceeds the method-specified criteria.
- Q** - The quality control sample exceeds the associated acceptance criteria. For DOD-related projects, LCS and/or Continuing Calibration Standard exceedences are also qualified on all associated sample results. Note: This flag is not applicable for matrix spike recoveries when the sample concentration is greater than 4x the spike added or for batch duplicate RPD when the sample concentrations are less than 5x the RL. (Metals only.)
- R** - Analytical results are from sample re-analysis.
- RE** - Analytical results are from sample re-extraction.
- S** - Analytical results are from modified screening analysis.

Project Name: FORMER ROXY CLEANER
Project Number: FORMER ROXY CLEANER

Lab Number: L2135784
Report Date: 07/16/21

REFERENCES

- 1 Test Methods for Evaluating Solid Waste: Physical/Chemical Methods. EPA SW-846. Third Edition. Updates I - VI, 2018.

LIMITATION OF LIABILITIES

Alpha Analytical performs services with reasonable care and diligence normal to the analytical testing laboratory industry. In the event of an error, the sole and exclusive responsibility of Alpha Analytical shall be to re-perform the work at it's own expense. In no event shall Alpha Analytical be held liable for any incidental, consequential or special damages, including but not limited to, damages in any way connected with the use of, interpretation of, information or analysis provided by Alpha Analytical.

We strongly urge our clients to comply with EPA protocol regarding sample volume, preservation, cooling, containers, sampling procedures, holding time and splitting of samples in the field.



Alpha Analytical, Inc.Facility: **Company-wide**Department: **Quality Assurance**Title: **Certificate/Approval Program Summary**ID No.: **17873**

Revision 19

Published Date: 4/2/2021 1:14:23 PM

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Certification Information

The following analytes are not included in our Primary NELAP Scope of Accreditation:

Westborough Facility**EPA 624/624.1:** m/p-xylene, o-xylene, Naphthalene**EPA 625/625.1:** alpha-Terpineol**EPA 8260C/8260D:** NPW: 1,2,4,5-Tetramethylbenzene; 4-Ethyltoluene, Azobenzene; SCM: Iodomethane (methyl iodide), 1,2,4,5-Tetramethylbenzene; 4-Ethyltoluene.**EPA 8270D/8270E:** NPW: Dimethylnaphthalene, 1,4-Diphenylhydrazine, alpha-Terpineol; SCM: Dimethylnaphthalene, 1,4-Diphenylhydrazine.**SM4500:** NPW: Amenable Cyanide; SCM: Total Phosphorus, TKN, NO₂, NO₃.**Mansfield Facility****SM 2540D:** TSS**EPA 8082A:** NPW: PCB: 1, 5, 31, 87, 101, 110, 141, 151, 153, 180, 183, 187.**EPA TO-15:** Halothane, 2,4,4-Trimethyl-2-pentene, 2,4,4-Trimethyl-1-pentene, Thiophene, 2-Methylthiophene,

3-Methylthiophene, 2-Ethylthiophene, 1,2,3-Trimethylbenzene, Indan, Indene, 1,2,4,5-Tetramethylbenzene, Benzothiophene, 1-Methylnaphthalene.

Biological Tissue Matrix: EPA 3050B

The following analytes are included in our Massachusetts DEP Scope of Accreditation

Westborough Facility:**Drinking Water****EPA 300.0:** Chloride, Nitrate-N, Fluoride, Sulfate; **EPA 353.2:** Nitrate-N, Nitrite-N; **SM4500NO3-F:** Nitrate-N, Nitrite-N; **SM4500F-C, SM4500CN-CE,****EPA 180.1, SM2130B, SM4500CI-D, SM2320B, SM2540C, SM4500H-B, SM4500NO2-B****EPA 332:** Perchlorate; **EPA 524.2:** THMs and VOCs; **EPA 504.1:** EDB, DBCP.**Microbiology:** **SM9215B; SM9223-P/A, SM9223B-Colilert-QT, SM9222D.****Non-Potable Water****SM4500H,B, EPA 120.1, SM2510B, SM2540C, SM2320B, SM4500CL-E, SM4500F-BC, SM4500NH3-BH:** Ammonia-N and Kjeldahl-N, **EPA 350.1:**Ammonia-N, **LACHAT 10-107-06-1-B:** Ammonia-N, **EPA 351.1, SM4500NO3-F, EPA 353.2:** Nitrate-N, **SM4500P-E, SM4500P-B, E, SM4500SO4-E,****SM5220D, EPA 410.4, SM5210B, SM5310C, SM4500CL-D, EPA 1664, EPA 420.1, SM4500-CN-CE, SM2540D, EPA 300: Chloride, Sulfate, Nitrate.****EPA 624.1:** Volatile Halocarbons & Aromatics,**EPA 608.3:** Chlordane, Toxaphene, Aldrin, alpha-BHC, beta-BHC, gamma-BHC, delta-BHC, Dieldrin, DDD, DDE, DDT, Endosulfan I, Endosulfan II, Endosulfan sulfate, Endrin, Endrin Aldehyde, Heptachlor, Heptachlor Epoxide, PCBs**EPA 625.1:** SVOC (Acid/Base/Neutral Extractables), **EPA 600/4-81-045:** PCB-Oil.**Microbiology:** **SM9223B-Colilert-QT; Enterolert-QT, SM9221E, EPA 1600, EPA 1603, SM9222D.****Mansfield Facility:****Drinking Water****EPA 200.7:** Al, Ba, Cd, Cr, Cu, Fe, Mn, Ni, Na, Ag, Ca, Zn. **EPA 200.8:** Al, Sb, As, Ba, Be, Cd, Cr, Cu, Pb, Mn, Ni, Se, Ag, TL, Zn. **EPA 245.1 Hg.****EPA 522, EPA 537.1.****Non-Potable Water****EPA 200.7:** Al, Sb, As, Be, Cd, Ca, Cr, Co, Cu, Fe, Pb, Mg, Mn, Mo, Ni, K, Se, Ag, Na, Sr, TL, Ti, V, Zn.**EPA 200.8:** Al, Sb, As, Be, Cd, Cr, Cu, Fe, Pb, Mn, Ni, K, Se, Ag, Na, TL, Zn.**EPA 245.1 Hg.****SM2340B**

For a complete listing of analytes and methods, please contact your Alpha Project Manager.

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Please print or type

Form Approved OMB No. 2050-0039

UNIFORM HAZARDOUS WASTE MANIFEST		1. Generator ID Number NYR00188235	2. Page 1 of 1	3. Emergency Response Phone (877) 813-0087	4. Manifest Tracking Number 001610921 VES			
5. Generator's Name and Mailing Address DELMAR MALL PROPERTIES LLC FORMER ROXY CLEANERS 1 RAPP ROAD ALBANY, NY 12203 Generator's Phone: 518 813-3597		Generator's Site Address (if different than mailing address) 156 DELAWARE AVE DELMAR, NY 12054-1302						
6. Transporter 1 Company Name VEOLIA ES TECHNICAL SOLUTIONS		U.S. EPA ID Number NJD080631369						
7. Transporter 2 Company Name FREEMOLD CARTAGE INC		U.S. EPA ID Number NJD054126164						
8. Designated Facility Name and Site Address VEOLIA ES TECHNICAL SOLUTIONS 125 FACTORY LANE MIDDLESEX, NJ 08846 Facility's Phone: 732 469-5100		U.S. EPA ID Number NJD002454544						
GENERATOR	9a. HM	9b. U.S. DOT Description (Including Proper Shipping Name, Hazard Class, ID Number, and Packing Group (if any))	10. Containers		11. Total Quantity	12. Unit Wt./Vol.	13. Waste Codes	
			No.	Type				
	X	NA3082, HAZARDOUS WASTE, LIQUID, n.o.s., (TETRACHLOROETHYLENE, TRICHLOROETHENE), 9, III	2	D M	450	P	P001	
							B	
14. Special Handling Instructions and Additional Information ER Service Contracted by VESTS + Contract retained by generator confers agency authority on initial transporter to add or substitute additional transporters on generator's behalf. + 1) ERG 171 W 742345 A-MARCSWFUEL								
15. GENERATOR'S/OFFEROR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations. If export shipment and I am the Primary Exporter, I certify that the contents of this consignment conform to the terms of the attached EPA Acknowledgment of Consent. I certify that the waste minimization statement identified in 40 CFR 262.27(a) (if I am a large quantity generator) or (b) (if I am a small quantity generator) is true. Generator's/Officer's Printed/Typed Name: Will Shippey Signature: <i>[Signature]</i> Month: 10 Day: 22 Year: 2021								
TRANSPORTER	16. International Shipments ☐ Import to U.S. ☐ Export from U.S. Port of entry/exit: _____ Date leaving U.S.: _____ Transporter signature (for exports only): _____							
	17. Transporter Acknowledgment of Receipt of Materials Transporter 1 Printed/Typed Name: Rich Goldblum Signature: <i>[Signature]</i> Month: 10 Day: 22 Year: 2021 Transporter 2 Printed/Typed Name: _____ Signature: _____ Month: _____ Day: _____ Year: _____							
DESIGNATED FACILITY	18. Discrepancy 18a. Discrepancy Indication Space ☐ Quantity ☐ Type ☐ Residue ☐ Partial Rejection ☐ Full Rejection Manifest Reference Number: _____ U.S. EPA ID Number: _____							
	18b. Alternate Facility (or Generator) Facility's Phone: _____ U.S. EPA ID Number: _____							
	18c. Signature of Alternate Facility (or Generator) Month: _____ Day: _____ Year: _____							
	19. Hazardous Waste Report Management Method Codes (i.e. codes for hazardous waste treatment, disposal, and recycling systems) 1. _____ 2. _____ 3. _____ 4. _____							
20. Designated Facility Owner or Operator. Certification of receipt of hazardous materials covered by the manifest except as noted in Item 18a. Printed/Typed Name: _____ Signature: _____ Month: _____ Day: _____ Year: _____								

EPA Form 6700-22 (Rev. 12-17) Previous editions are obsolete

DESIGNATED FACILITY TO EPA'S e-MANIFEST SYSTEM

APPENDIX D.2

December 15, 2021 Sampling Event

Well Gauging Data Sheet

Project: ~~Former~~ Roxy Cleaners Delmar Date: 12-8-21
Location: 1511 Delaware Ave Delmar Project No.: Bill H Private
Personnel: C. Graves & Neumann Field Conditions: over cast 30's

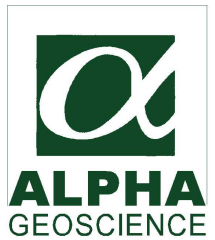
[illegible]
$$\text{Purge Amount} = \text{DTB-DTW} * \text{Conversion Factor} * 3$$

Conversion Factors:

2" Well = .17 gal/ft

3" Well = .37 gal/ft

4" Well = .66 gal/ft
6" Well = 1.47 gal/ft



Geology

Hydrology

Remediation

Water Supply

April 29, 2022

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
December 2021 Ground Water Event

Dear Mr. Hennessy:

The data usability summary report and data validation summary are attached to this letter for the Roxy Cleaners, December 2021 ground water event. The data for Alpha Analytical Labs, SDG number: L2167544 are mostly acceptable with some issues identified in the validation summary. There are data that were qualified as rejected, unusable (R) in the data pack. The reason for rejecting the data is outlined in the DUSR and QA/QC review. The data is rejected based solely on the validation guidance criteria. The rejected data may be determined to be acceptable to the user based on additional information that is not contained in the data validation criteria.

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-221.ltr.docx



Geology

Hydrology

Remediation

Water Supply

**Data Usability Summary Report
for Alpha Analytical Labs
SDG Number: L2167544**

**7 Ground Water Samples, 1 Field Duplicate,
1 Field Blank, and 1 Trip Blank
Collected December 8, 2021**

Prepared by: Donald Anné
April 29, 2022

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. Alpha Analytical Labs 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 results for 1,4-dioxane were qualified as “rejected, unusable” (R) in all 7 ground water samples, field duplicate, and trip blank because the RRFs for 1,4-dioxane were below the allowable minimum in the associated continuing calibrations.
- The positive volatile results for the vinyl chloride were qualified as estimated (J) in samples MW-1 and DUP because the relative percent difference for vinyl chloride was above the allowable maximum in the aqueous field duplicate pair MW-1/DUP.

All data that are not qualified rejected (R) are considered usable with estimated (J) data associated with a higher level of quantitative uncertainty. Detailed information on data quality is included in the data validation review.

z:\projects\2021\21621-21640\21624 roxy cleaners\task 1 data validation\temp-review\L2167544.dus.docx

Qualified Data Section

Results Summary

Form 1

Volatile Organics by GC/MS

Client : Hennessy Engineering & Consulting
 Project Name : FORMER ROXY DRY CLEANERS
 Lab ID : L2167544-01D
 Client ID : MW-1
 Sample Location : DELMAR
 Sample Matrix : WATER
 Analytical Method : 1,8260C
 Lab File ID : V22211218N14
 Sample Amount : 0.2 ml
 Level : LOW
 Extract Volume (MeOH) : N/A

Lab Number : L2167544
 Project Number :
 Date Collected : 12/08/21 11:00
 Date Received : 12/08/21
 Date Analyzed : 12/18/21 23:44
 Dilution Factor : 50
 Analyst : PD
 Instrument ID : VOA122
 GC Column : RTX-502.2
 %Solids : N/A
 Injection Volume : N/A

CAS NO.	Parameter	ug/L			Qualifier
		Results	RL	MDL	
75-09-2	Methylene chloride	ND	120	35.	U
75-34-3	1,1-Dichloroethane	ND	120	35.	U
67-66-3	Chloroform	ND	120	35.	U
56-23-5	Carbon tetrachloride	ND	25	6.7	U
78-87-5	1,2-Dichloropropane	ND	50	6.8	U
124-48-1	Dibromochloromethane	ND	25	7.4	U
79-00-5	1,1,2-Trichloroethane	ND	75	25.	U
127-18-4	Tetrachloroethene	4400	25	9.0	
108-90-7	Chlorobenzene	ND	120	35.	U
75-69-4	Trichlorofluoromethane	ND	120	35.	U
107-06-2	1,2-Dichloroethane	ND	25	6.6	U
71-55-6	1,1,1-Trichloroethane	ND	120	35.	U
75-27-4	Bromodichloromethane	ND	25	9.6	U
10061-02-6	trans-1,3-Dichloropropene	ND	25	8.2	U
10061-01-5	cis-1,3-Dichloropropene	ND	25	7.2	U
75-25-2	Bromoform	ND	100	32.	U
79-34-5	1,1,2,2-Tetrachloroethane	ND	25	8.4	U
71-43-2	Benzene	ND	25	8.0	U
108-88-3	Toluene	ND	120	35.	U
100-41-4	Ethylbenzene	ND	120	35.	U
74-87-3	Chloromethane	ND	120	35.	U
74-83-9	Bromomethane	ND	120	35.	U
75-01-4	Vinyl chloride	290	50	3.6	J
75-00-3	Chloroethane	ND	120	35.	U
75-35-4	1,1-Dichloroethene	ND	25	8.4	U



Results Summary

Form 1

Volatile Organics by GC/MS

Client : Hennessy Engineering & Consulting
 Project Name : FORMER ROXY DRY CLEANERS
 Lab ID : L2167544-01D
 Client ID : MW-1
 Sample Location : DELMAR
 Sample Matrix : WATER
 Analytical Method : 1,8260C
 Lab File ID : V22211218N14
 Sample Amount : 0.2 ml
 Level : LOW
 Extract Volume (MeOH) : N/A

Lab Number : L2167544
 Project Number :
 Date Collected : 12/08/21 11:00
 Date Received : 12/08/21
 Date Analyzed : 12/18/21 23:44
 Dilution Factor : 50
 Analyst : PD
 Instrument ID : VOA122
 GC Column : RTX-502.2
 %Solids : N/A
 Injection Volume : N/A

CAS NO.	Parameter	ug/L			Qualifier
		Results	RL	MDL	
156-60-5	trans-1,2-Dichloroethene	ND	120	35.	U
79-01-6	Trichloroethene	1600	25	8.8	
95-50-1	1,2-Dichlorobenzene	ND	120	35.	U
541-73-1	1,3-Dichlorobenzene	ND	120	35.	U
106-46-7	1,4-Dichlorobenzene	ND	120	35.	U
1634-04-4	Methyl tert butyl ether	ND	120	35.	U
179601-23-1	p/m-Xylene	ND	120	35.	U
95-47-6	o-Xylene	ND	120	35.	U
156-59-2	cis-1,2-Dichloroethene	2200	120	35.	
100-42-5	Styrene	ND	120	35.	U
75-71-8	Dichlorodifluoromethane	ND	250	50.	U
67-64-1	Acetone	ND	250	73.	U
75-15-0	Carbon disulfide	ND	250	50.	U
78-93-3	2-Butanone	ND	250	97.	U
108-10-1	4-Methyl-2-pentanone	ND	250	50.	U
591-78-6	2-Hexanone	ND	250	50.	U
74-97-5	Bromochloromethane	ND	120	35.	U
106-93-4	1,2-Dibromoethane	ND	100	32.	U
96-12-8	1,2-Dibromo-3-chloropropane	ND	120	35.	U
98-82-8	Isopropylbenzene	ND	120	35.	U
87-61-6	1,2,3-Trichlorobenzene	ND	120	35.	U
120-82-1	1,2,4-Trichlorobenzene	ND	120	35.	U
79-20-9	Methyl Acetate	ND	100	12.	U
110-82-7	Cyclohexane	ND	500	14.	U
123-91-1	1,4-Dioxane	ND	12000	3000	U R



Results Summary

Form 1

Volatile Organics by GC/MS

Client : Hennessy Engineering & Consulting
 Project Name : FORMER ROXY DRY CLEANERS
 Lab ID : L2167544-01D
 Client ID : MW-1
 Sample Location : DELMAR
 Sample Matrix : WATER
 Analytical Method : 1,8260C
 Lab File ID : V22211218N14
 Sample Amount : 0.2 ml
 Level : LOW
 Extract Volume (MeOH) : N/A

Lab Number : L2167544
 Project Number :
 Date Collected : 12/08/21 11:00
 Date Received : 12/08/21
 Date Analyzed : 12/18/21 23:44
 Dilution Factor : 50
 Analyst : PD
 Instrument ID : VOA122
 GC Column : RTX-502.2
 %Solids : N/A
 Injection Volume : N/A

CAS NO.	Parameter	ug/L			Qualifier
		Results	RL	MDL	
76-13-1	Freon-113	ND	120	35.	U
108-87-2	Methyl cyclohexane	ND	500	20.	U



Results Summary

Form 1

Volatile Organics by GC/MS

Client : Hennessy Engineering & Consulting
 Project Name : FORMER ROXY DRY CLEANERS
 Lab ID : L2167544-02
 Client ID : MW-2R
 Sample Location : DELMAR
 Sample Matrix : WATER
 Analytical Method : 1,8260C
 Lab File ID : V22211218N08
 Sample Amount : 10 ml
 Level : LOW
 Extract Volume (MeOH) : N/A

Lab Number : L2167544
 Project Number :
 Date Collected : 12/08/21 10:15
 Date Received : 12/08/21
 Date Analyzed : 12/18/21 21:19
 Dilution Factor : 1
 Analyst : PD
 Instrument ID : VOA122
 GC Column : RTX-502.2
 %Solids : N/A
 Injection Volume : N/A

CAS NO.	Parameter	ug/L			Qualifier
		Results	RL	MDL	
75-09-2	Methylene chloride	ND	2.5	0.70	U
75-34-3	1,1-Dichloroethane	ND	2.5	0.70	U
67-66-3	Chloroform	ND	2.5	0.70	U
56-23-5	Carbon tetrachloride	ND	0.50	0.13	U
78-87-5	1,2-Dichloropropane	ND	1.0	0.14	U
124-48-1	Dibromochloromethane	ND	0.50	0.15	U
79-00-5	1,1,2-Trichloroethane	ND	1.5	0.50	U
127-18-4	Tetrachloroethene	ND	0.50	0.18	U
108-90-7	Chlorobenzene	ND	2.5	0.70	U
75-69-4	Trichlorofluoromethane	ND	2.5	0.70	U
107-06-2	1,2-Dichloroethane	ND	0.50	0.13	U
71-55-6	1,1,1-Trichloroethane	ND	2.5	0.70	U
75-27-4	Bromodichloromethane	ND	0.50	0.19	U
10061-02-6	trans-1,3-Dichloropropene	ND	0.50	0.16	U
10061-01-5	cis-1,3-Dichloropropene	ND	0.50	0.14	U
75-25-2	Bromoform	ND	2.0	0.65	U
79-34-5	1,1,2,2-Tetrachloroethane	ND	0.50	0.17	U
71-43-2	Benzene	0.36	0.50	0.16	J
108-88-3	Toluene	ND	2.5	0.70	U
100-41-4	Ethylbenzene	ND	2.5	0.70	U
74-87-3	Chloromethane	ND	2.5	0.70	U
74-83-9	Bromomethane	ND	2.5	0.70	U
75-01-4	Vinyl chloride	0.08	1.0	0.07	J
75-00-3	Chloroethane	ND	2.5	0.70	U
75-35-4	1,1-Dichloroethene	ND	0.50	0.17	U



Results Summary

Form 1

Volatile Organics by GC/MS

Client : Hennessy Engineering & Consulting
 Project Name : FORMER ROXY DRY CLEANERS
 Lab ID : L2167544-02
 Client ID : MW-2R
 Sample Location : DELMAR
 Sample Matrix : WATER
 Analytical Method : 1,8260C
 Lab File ID : V22211218N08
 Sample Amount : 10 ml
 Level : LOW
 Extract Volume (MeOH) : N/A

Lab Number : L2167544
 Project Number :
 Date Collected : 12/08/21 10:15
 Date Received : 12/08/21
 Date Analyzed : 12/18/21 21:19
 Dilution Factor : 1
 Analyst : PD
 Instrument ID : VOA122
 GC Column : RTX-502.2
 %Solids : N/A
 Injection Volume : N/A

CAS NO.	Parameter	ug/L			Qualifier
		Results	RL	MDL	
156-60-5	trans-1,2-Dichloroethene	ND	2.5	0.70	U
79-01-6	Trichloroethene	ND	0.50	0.18	U
95-50-1	1,2-Dichlorobenzene	ND	2.5	0.70	U
541-73-1	1,3-Dichlorobenzene	ND	2.5	0.70	U
106-46-7	1,4-Dichlorobenzene	ND	2.5	0.70	U
1634-04-4	Methyl tert butyl ether	ND	2.5	0.70	U
179601-23-1	p/m-Xylene	ND	2.5	0.70	U
95-47-6	o-Xylene	ND	2.5	0.70	U
156-59-2	cis-1,2-Dichloroethene	ND	2.5	0.70	U
100-42-5	Styrene	ND	2.5	0.70	U
75-71-8	Dichlorodifluoromethane	ND	5.0	1.0	U
67-64-1	Acetone	ND	5.0	1.5	U
75-15-0	Carbon disulfide	ND	5.0	1.0	U
78-93-3	2-Butanone	ND	5.0	1.9	U
108-10-1	4-Methyl-2-pentanone	ND	5.0	1.0	U
591-78-6	2-Hexanone	ND	5.0	1.0	U
74-97-5	Bromochloromethane	ND	2.5	0.70	U
106-93-4	1,2-Dibromoethane	ND	2.0	0.65	U
96-12-8	1,2-Dibromo-3-chloropropane	ND	2.5	0.70	U
98-82-8	Isopropylbenzene	ND	2.5	0.70	U
87-61-6	1,2,3-Trichlorobenzene	ND	2.5	0.70	U
120-82-1	1,2,4-Trichlorobenzene	ND	2.5	0.70	U
79-20-9	Methyl Acetate	ND	2.0	0.23	U
110-82-7	Cyclohexane	ND	10	0.27	U
123-91-1	1,4-Dioxane	ND	250	61.	U R



Results Summary

Form 1

Volatile Organics by GC/MS

Client : Hennessy Engineering & Consulting
 Project Name : FORMER ROXY DRY CLEANERS
 Lab ID : L2167544-02
 Client ID : MW-2R
 Sample Location : DELMAR
 Sample Matrix : WATER
 Analytical Method : 1,8260C
 Lab File ID : V22211218N08
 Sample Amount : 10 ml
 Level : LOW
 Extract Volume (MeOH) : N/A

Lab Number : L2167544
 Project Number :
 Date Collected : 12/08/21 10:15
 Date Received : 12/08/21
 Date Analyzed : 12/18/21 21:19
 Dilution Factor : 1
 Analyst : PD
 Instrument ID : VOA122
 GC Column : RTX-502.2
 %Solids : N/A
 Injection Volume : N/A

CAS NO.	Parameter	ug/L			Qualifier
		Results	RL	MDL	
76-13-1	Freon-113	ND	2.5	0.70	U
108-87-2	Methyl cyclohexane	ND	10	0.40	U



Results Summary

Form 1

Volatile Organics by GC/MS

Client : Hennessy Engineering & Consulting
 Project Name : FORMER ROXY DRY CLEANERS
 Lab ID : L2167544-03
 Client ID : MW-2DR
 Sample Location : DELMAR
 Sample Matrix : WATER
 Analytical Method : 1,8260C
 Lab File ID : V22211218N09
 Sample Amount : 10 ml
 Level : LOW
 Extract Volume (MeOH) : N/A

Lab Number : L2167544
 Project Number :
 Date Collected : 12/08/21 10:00
 Date Received : 12/08/21
 Date Analyzed : 12/18/21 21:43
 Dilution Factor : 1
 Analyst : PD
 Instrument ID : VOA122
 GC Column : RTX-502.2
 %Solids : N/A
 Injection Volume : N/A

CAS NO.	Parameter	ug/L			Qualifier
		Results	RL	MDL	
75-09-2	Methylene chloride	ND	2.5	0.70	U
75-34-3	1,1-Dichloroethane	ND	2.5	0.70	U
67-66-3	Chloroform	ND	2.5	0.70	U
56-23-5	Carbon tetrachloride	ND	0.50	0.13	U
78-87-5	1,2-Dichloropropane	ND	1.0	0.14	U
124-48-1	Dibromochloromethane	ND	0.50	0.15	U
79-00-5	1,1,2-Trichloroethane	ND	1.5	0.50	U
127-18-4	Tetrachloroethene	0.37	0.50	0.18	J
108-90-7	Chlorobenzene	ND	2.5	0.70	U
75-69-4	Trichlorofluoromethane	ND	2.5	0.70	U
107-06-2	1,2-Dichloroethane	ND	0.50	0.13	U
71-55-6	1,1,1-Trichloroethane	ND	2.5	0.70	U
75-27-4	Bromodichloromethane	ND	0.50	0.19	U
10061-02-6	trans-1,3-Dichloropropene	ND	0.50	0.16	U
10061-01-5	cis-1,3-Dichloropropene	ND	0.50	0.14	U
75-25-2	Bromoform	ND	2.0	0.65	U
79-34-5	1,1,2,2-Tetrachloroethane	ND	0.50	0.17	U
71-43-2	Benzene	ND	0.50	0.16	U
108-88-3	Toluene	ND	2.5	0.70	U
100-41-4	Ethylbenzene	ND	2.5	0.70	U
74-87-3	Chloromethane	ND	2.5	0.70	U
74-83-9	Bromomethane	ND	2.5	0.70	U
75-01-4	Vinyl chloride	ND	1.0	0.07	U
75-00-3	Chloroethane	ND	2.5	0.70	U
75-35-4	1,1-Dichloroethene	ND	0.50	0.17	U



Results Summary

Form 1

Volatile Organics by GC/MS

Client : Hennessy Engineering & Consulting
 Project Name : FORMER ROXY DRY CLEANERS
 Lab ID : L2167544-03
 Client ID : MW-2DR
 Sample Location : DELMAR
 Sample Matrix : WATER
 Analytical Method : 1,8260C
 Lab File ID : V22211218N09
 Sample Amount : 10 ml
 Level : LOW
 Extract Volume (MeOH) : N/A

Lab Number : L2167544
 Project Number :
 Date Collected : 12/08/21 10:00
 Date Received : 12/08/21
 Date Analyzed : 12/18/21 21:43
 Dilution Factor : 1
 Analyst : PD
 Instrument ID : VOA122
 GC Column : RTX-502.2
 %Solids : N/A
 Injection Volume : N/A

CAS NO.	Parameter	ug/L			Qualifier
		Results	RL	MDL	
156-60-5	trans-1,2-Dichloroethene	ND	2.5	0.70	U
79-01-6	Trichloroethene	ND	0.50	0.18	U
95-50-1	1,2-Dichlorobenzene	ND	2.5	0.70	U
541-73-1	1,3-Dichlorobenzene	ND	2.5	0.70	U
106-46-7	1,4-Dichlorobenzene	ND	2.5	0.70	U
1634-04-4	Methyl tert butyl ether	ND	2.5	0.70	U
179601-23-1	p/m-Xylene	ND	2.5	0.70	U
95-47-6	o-Xylene	ND	2.5	0.70	U
156-59-2	cis-1,2-Dichloroethene	ND	2.5	0.70	U
100-42-5	Styrene	ND	2.5	0.70	U
75-71-8	Dichlorodifluoromethane	ND	5.0	1.0	U
67-64-1	Acetone	ND	5.0	1.5	U
75-15-0	Carbon disulfide	ND	5.0	1.0	U
78-93-3	2-Butanone	ND	5.0	1.9	U
108-10-1	4-Methyl-2-pentanone	ND	5.0	1.0	U
591-78-6	2-Hexanone	ND	5.0	1.0	U
74-97-5	Bromochloromethane	ND	2.5	0.70	U
106-93-4	1,2-Dibromoethane	ND	2.0	0.65	U
96-12-8	1,2-Dibromo-3-chloropropane	ND	2.5	0.70	U
98-82-8	Isopropylbenzene	ND	2.5	0.70	U
87-61-6	1,2,3-Trichlorobenzene	ND	2.5	0.70	U
120-82-1	1,2,4-Trichlorobenzene	ND	2.5	0.70	U
79-20-9	Methyl Acetate	ND	2.0	0.23	U
110-82-7	Cyclohexane	ND	10	0.27	U
123-91-1	1,4-Dioxane	ND	250	61.	U R



Results Summary

Form 1

Volatile Organics by GC/MS

Client : Hennessy Engineering & Consulting
 Project Name : FORMER ROXY DRY CLEANERS
 Lab ID : L2167544-03
 Client ID : MW-2DR
 Sample Location : DELMAR
 Sample Matrix : WATER
 Analytical Method : 1,8260C
 Lab File ID : V22211218N09
 Sample Amount : 10 ml
 Level : LOW
 Extract Volume (MeOH) : N/A

Lab Number : L2167544
 Project Number :
 Date Collected : 12/08/21 10:00
 Date Received : 12/08/21
 Date Analyzed : 12/18/21 21:43
 Dilution Factor : 1
 Analyst : PD
 Instrument ID : VOA122
 GC Column : RTX-502.2
 %Solids : N/A
 Injection Volume : N/A

CAS NO.	Parameter	ug/L			Qualifier
		Results	RL	MDL	
76-13-1	Freon-113	ND	2.5	0.70	U
108-87-2	Methyl cyclohexane	ND	10	0.40	U



Results Summary

Form 1

Volatile Organics by GC/MS

Client : Hennessy Engineering & Consulting
 Project Name : FORMER ROXY DRY CLEANERS
 Lab ID : L2167544-04D
 Client ID : MW-3
 Sample Location : DELMAR
 Sample Matrix : WATER
 Analytical Method : 1,8260C
 Lab File ID : V22211218N13
 Sample Amount : 1 ml
 Level : LOW
 Extract Volume (MeOH) : N/A

Lab Number : L2167544
 Project Number :
 Date Collected : 12/08/21 11:40
 Date Received : 12/08/21
 Date Analyzed : 12/18/21 23:20
 Dilution Factor : 10
 Analyst : PD
 Instrument ID : VOA122
 GC Column : RTX-502.2
 %Solids : N/A
 Injection Volume : N/A

CAS NO.	Parameter	ug/L			Qualifier
		Results	RL	MDL	
75-09-2	Methylene chloride	ND	25	7.0	U
75-34-3	1,1-Dichloroethane	ND	25	7.0	U
67-66-3	Chloroform	ND	25	7.0	U
56-23-5	Carbon tetrachloride	ND	5.0	1.3	U
78-87-5	1,2-Dichloropropane	ND	10	1.4	U
124-48-1	Dibromochloromethane	ND	5.0	1.5	U
79-00-5	1,1,2-Trichloroethane	ND	15	5.0	U
127-18-4	Tetrachloroethene	180	5.0	1.8	
108-90-7	Chlorobenzene	ND	25	7.0	U
75-69-4	Trichlorofluoromethane	ND	25	7.0	U
107-06-2	1,2-Dichloroethane	ND	5.0	1.3	U
71-55-6	1,1,1-Trichloroethane	ND	25	7.0	U
75-27-4	Bromodichloromethane	ND	5.0	1.9	U
10061-02-6	trans-1,3-Dichloropropene	ND	5.0	1.6	U
10061-01-5	cis-1,3-Dichloropropene	ND	5.0	1.4	U
75-25-2	Bromoform	ND	20	6.5	U
79-34-5	1,1,2,2-Tetrachloroethane	ND	5.0	1.7	U
71-43-2	Benzene	ND	5.0	1.6	U
108-88-3	Toluene	ND	25	7.0	U
100-41-4	Ethylbenzene	ND	25	7.0	U
74-87-3	Chloromethane	ND	25	7.0	U
74-83-9	Bromomethane	ND	25	7.0	U
75-01-4	Vinyl chloride	320	10	0.71	
75-00-3	Chloroethane	ND	25	7.0	U
75-35-4	1,1-Dichloroethene	2.4	5.0	1.7	J



Results Summary

Form 1

Volatile Organics by GC/MS

Client : Hennessy Engineering & Consulting
 Project Name : FORMER ROXY DRY CLEANERS
 Lab ID : L2167544-04D
 Client ID : MW-3
 Sample Location : DELMAR
 Sample Matrix : WATER
 Analytical Method : 1,8260C
 Lab File ID : V22211218N13
 Sample Amount : 1 ml
 Level : LOW
 Extract Volume (MeOH) : N/A

Lab Number : L2167544
 Project Number :
 Date Collected : 12/08/21 11:40
 Date Received : 12/08/21
 Date Analyzed : 12/18/21 23:20
 Dilution Factor : 10
 Analyst : PD
 Instrument ID : VOA122
 GC Column : RTX-502.2
 %Solids : N/A
 Injection Volume : N/A

CAS NO.	Parameter	ug/L			Qualifier
		Results	RL	MDL	
156-60-5	trans-1,2-Dichloroethene	10	25	7.0	J
79-01-6	Trichloroethene	190	5.0	1.8	
95-50-1	1,2-Dichlorobenzene	ND	25	7.0	U
541-73-1	1,3-Dichlorobenzene	ND	25	7.0	U
106-46-7	1,4-Dichlorobenzene	ND	25	7.0	U
1634-04-4	Methyl tert butyl ether	ND	25	7.0	U
179601-23-1	p/m-Xylene	ND	25	7.0	U
95-47-6	o-Xylene	ND	25	7.0	U
156-59-2	cis-1,2-Dichloroethene	880	25	7.0	
100-42-5	Styrene	ND	25	7.0	U
75-71-8	Dichlorodifluoromethane	ND	50	10.	U
67-64-1	Acetone	ND	50	15.	U
75-15-0	Carbon disulfide	ND	50	10.	U
78-93-3	2-Butanone	ND	50	19.	U
108-10-1	4-Methyl-2-pentanone	ND	50	10.	U
591-78-6	2-Hexanone	ND	50	10.	U
74-97-5	Bromochloromethane	ND	25	7.0	U
106-93-4	1,2-Dibromoethane	ND	20	6.5	U
96-12-8	1,2-Dibromo-3-chloropropane	ND	25	7.0	U
98-82-8	Isopropylbenzene	ND	25	7.0	U
87-61-6	1,2,3-Trichlorobenzene	ND	25	7.0	U
120-82-1	1,2,4-Trichlorobenzene	ND	25	7.0	U
79-20-9	Methyl Acetate	ND	20	2.3	U
110-82-7	Cyclohexane	ND	100	2.7	U
123-91-1	1,4-Dioxane	ND	2500	610	U R



Results Summary

Form 1

Volatile Organics by GC/MS

Client : Hennessy Engineering & Consulting
 Project Name : FORMER ROXY DRY CLEANERS
 Lab ID : L2167544-04D
 Client ID : MW-3
 Sample Location : DELMAR
 Sample Matrix : WATER
 Analytical Method : 1,8260C
 Lab File ID : V22211218N13
 Sample Amount : 1 ml
 Level : LOW
 Extract Volume (MeOH) : N/A

Lab Number : L2167544
 Project Number :
 Date Collected : 12/08/21 11:40
 Date Received : 12/08/21
 Date Analyzed : 12/18/21 23:20
 Dilution Factor : 10
 Analyst : PD
 Instrument ID : VOA122
 GC Column : RTX-502.2
 %Solids : N/A
 Injection Volume : N/A

CAS NO.	Parameter	ug/L			Qualifier
		Results	RL	MDL	
76-13-1	Freon-113	ND	25	7.0	U
108-87-2	Methyl cyclohexane	ND	100	4.0	U



Results Summary

Form 1

Volatile Organics by GC/MS

Client : Hennessy Engineering & Consulting
 Project Name : FORMER ROXY DRY CLEANERS
 Lab ID : L2167544-05
 Client ID : MW-4
 Sample Location : DELMAR
 Sample Matrix : WATER
 Analytical Method : 1,8260C
 Lab File ID : V22211218N10
 Sample Amount : 10 ml
 Level : LOW
 Extract Volume (MeOH) : N/A

Lab Number : L2167544
 Project Number :
 Date Collected : 12/08/21 09:40
 Date Received : 12/08/21
 Date Analyzed : 12/18/21 22:07
 Dilution Factor : 1
 Analyst : PD
 Instrument ID : VOA122
 GC Column : RTX-502.2
 %Solids : N/A
 Injection Volume : N/A

CAS NO.	Parameter	ug/L			Qualifier
		Results	RL	MDL	
75-09-2	Methylene chloride	ND	2.5	0.70	U
75-34-3	1,1-Dichloroethane	ND	2.5	0.70	U
67-66-3	Chloroform	ND	2.5	0.70	U
56-23-5	Carbon tetrachloride	ND	0.50	0.13	U
78-87-5	1,2-Dichloropropane	ND	1.0	0.14	U
124-48-1	Dibromochloromethane	ND	0.50	0.15	U
79-00-5	1,1,2-Trichloroethane	ND	1.5	0.50	U
127-18-4	Tetrachloroethene	ND	0.50	0.18	U
108-90-7	Chlorobenzene	ND	2.5	0.70	U
75-69-4	Trichlorofluoromethane	ND	2.5	0.70	U
107-06-2	1,2-Dichloroethane	ND	0.50	0.13	U
71-55-6	1,1,1-Trichloroethane	ND	2.5	0.70	U
75-27-4	Bromodichloromethane	ND	0.50	0.19	U
10061-02-6	trans-1,3-Dichloropropene	ND	0.50	0.16	U
10061-01-5	cis-1,3-Dichloropropene	ND	0.50	0.14	U
75-25-2	Bromoform	ND	2.0	0.65	U
79-34-5	1,1,2,2-Tetrachloroethane	ND	0.50	0.17	U
71-43-2	Benzene	ND	0.50	0.16	U
108-88-3	Toluene	ND	2.5	0.70	U
100-41-4	Ethylbenzene	ND	2.5	0.70	U
74-87-3	Chloromethane	ND	2.5	0.70	U
74-83-9	Bromomethane	ND	2.5	0.70	U
75-01-4	Vinyl chloride	ND	1.0	0.07	U
75-00-3	Chloroethane	ND	2.5	0.70	U
75-35-4	1,1-Dichloroethene	ND	0.50	0.17	U



Results Summary

Form 1

Volatile Organics by GC/MS

Client : Hennessy Engineering & Consulting
 Project Name : FORMER ROXY DRY CLEANERS
 Lab ID : L2167544-05
 Client ID : MW-4
 Sample Location : DELMAR
 Sample Matrix : WATER
 Analytical Method : 1,8260C
 Lab File ID : V22211218N10
 Sample Amount : 10 ml
 Level : LOW
 Extract Volume (MeOH) : N/A

Lab Number : L2167544
 Project Number :
 Date Collected : 12/08/21 09:40
 Date Received : 12/08/21
 Date Analyzed : 12/18/21 22:07
 Dilution Factor : 1
 Analyst : PD
 Instrument ID : VOA122
 GC Column : RTX-502.2
 %Solids : N/A
 Injection Volume : N/A

CAS NO.	Parameter	ug/L			Qualifier
		Results	RL	MDL	
156-60-5	trans-1,2-Dichloroethene	ND	2.5	0.70	U
79-01-6	Trichloroethene	ND	0.50	0.18	U
95-50-1	1,2-Dichlorobenzene	ND	2.5	0.70	U
541-73-1	1,3-Dichlorobenzene	ND	2.5	0.70	U
106-46-7	1,4-Dichlorobenzene	ND	2.5	0.70	U
1634-04-4	Methyl tert butyl ether	ND	2.5	0.70	U
179601-23-1	p/m-Xylene	ND	2.5	0.70	U
95-47-6	o-Xylene	ND	2.5	0.70	U
156-59-2	cis-1,2-Dichloroethene	ND	2.5	0.70	U
100-42-5	Styrene	ND	2.5	0.70	U
75-71-8	Dichlorodifluoromethane	ND	5.0	1.0	U
67-64-1	Acetone	ND	5.0	1.5	U
75-15-0	Carbon disulfide	ND	5.0	1.0	U
78-93-3	2-Butanone	ND	5.0	1.9	U
108-10-1	4-Methyl-2-pentanone	ND	5.0	1.0	U
591-78-6	2-Hexanone	ND	5.0	1.0	U
74-97-5	Bromochloromethane	ND	2.5	0.70	U
106-93-4	1,2-Dibromoethane	ND	2.0	0.65	U
96-12-8	1,2-Dibromo-3-chloropropane	ND	2.5	0.70	U
98-82-8	Isopropylbenzene	ND	2.5	0.70	U
87-61-6	1,2,3-Trichlorobenzene	ND	2.5	0.70	U
120-82-1	1,2,4-Trichlorobenzene	ND	2.5	0.70	U
79-20-9	Methyl Acetate	ND	2.0	0.23	U
110-82-7	Cyclohexane	ND	10	0.27	U
123-91-1	1,4-Dioxane	ND	250	61.	U R



Results Summary

Form 1

Volatile Organics by GC/MS

Client : Hennessy Engineering & Consulting
 Project Name : FORMER ROXY DRY CLEANERS
 Lab ID : L2167544-05
 Client ID : MW-4
 Sample Location : DELMAR
 Sample Matrix : WATER
 Analytical Method : 1,8260C
 Lab File ID : V22211218N10
 Sample Amount : 10 ml
 Level : LOW
 Extract Volume (MeOH) : N/A

Lab Number : L2167544
 Project Number :
 Date Collected : 12/08/21 09:40
 Date Received : 12/08/21
 Date Analyzed : 12/18/21 22:07
 Dilution Factor : 1
 Analyst : PD
 Instrument ID : VOA122
 GC Column : RTX-502.2
 %Solids : N/A
 Injection Volume : N/A

CAS NO.	Parameter	ug/L			Qualifier
		Results	RL	MDL	
76-13-1	Freon-113	ND	2.5	0.70	U
108-87-2	Methyl cyclohexane	ND	10	0.40	U

Results Summary

Form 1

Volatile Organics by GC/MS

Client : Hennessy Engineering & Consulting
 Project Name : FORMER ROXY DRY CLEANERS
 Lab ID : L2167544-06
 Client ID : MW-5
 Sample Location : DELMAR
 Sample Matrix : WATER
 Analytical Method : 1,8260C
 Lab File ID : V22211218N11
 Sample Amount : 10 ml
 Level : LOW
 Extract Volume (MeOH) : N/A

Lab Number : L2167544
 Project Number :
 Date Collected : 12/08/21 13:00
 Date Received : 12/08/21
 Date Analyzed : 12/18/21 22:32
 Dilution Factor : 1
 Analyst : PD
 Instrument ID : VOA122
 GC Column : RTX-502.2
 %Solids : N/A
 Injection Volume : N/A

CAS NO.	Parameter	ug/L			Qualifier
		Results	RL	MDL	
75-09-2	Methylene chloride	ND	2.5	0.70	U
75-34-3	1,1-Dichloroethane	ND	2.5	0.70	U
67-66-3	Chloroform	ND	2.5	0.70	U
56-23-5	Carbon tetrachloride	ND	0.50	0.13	U
78-87-5	1,2-Dichloropropane	ND	1.0	0.14	U
124-48-1	Dibromochloromethane	ND	0.50	0.15	U
79-00-5	1,1,2-Trichloroethane	ND	1.5	0.50	U
127-18-4	Tetrachloroethene	1.1	0.50	0.18	
108-90-7	Chlorobenzene	ND	2.5	0.70	U
75-69-4	Trichlorofluoromethane	ND	2.5	0.70	U
107-06-2	1,2-Dichloroethane	ND	0.50	0.13	U
71-55-6	1,1,1-Trichloroethane	ND	2.5	0.70	U
75-27-4	Bromodichloromethane	ND	0.50	0.19	U
10061-02-6	trans-1,3-Dichloropropene	ND	0.50	0.16	U
10061-01-5	cis-1,3-Dichloropropene	ND	0.50	0.14	U
75-25-2	Bromoform	ND	2.0	0.65	U
79-34-5	1,1,2,2-Tetrachloroethane	ND	0.50	0.17	U
71-43-2	Benzene	ND	0.50	0.16	U
108-88-3	Toluene	ND	2.5	0.70	U
100-41-4	Ethylbenzene	ND	2.5	0.70	U
74-87-3	Chloromethane	ND	2.5	0.70	U
74-83-9	Bromomethane	ND	2.5	0.70	U
75-01-4	Vinyl chloride	14	1.0	0.07	
75-00-3	Chloroethane	ND	2.5	0.70	U
75-35-4	1,1-Dichloroethene	ND	0.50	0.17	U



Results Summary

Form 1

Volatile Organics by GC/MS

Client : Hennessy Engineering & Consulting
 Project Name : FORMER ROXY DRY CLEANERS
 Lab ID : L2167544-06
 Client ID : MW-5
 Sample Location : DELMAR
 Sample Matrix : WATER
 Analytical Method : 1,8260C
 Lab File ID : V22211218N11
 Sample Amount : 10 ml
 Level : LOW
 Extract Volume (MeOH) : N/A

Lab Number : L2167544
 Project Number :
 Date Collected : 12/08/21 13:00
 Date Received : 12/08/21
 Date Analyzed : 12/18/21 22:32
 Dilution Factor : 1
 Analyst : PD
 Instrument ID : VOA122
 GC Column : RTX-502.2
 %Solids : N/A
 Injection Volume : N/A

CAS NO.	Parameter	ug/L			Qualifier
		Results	RL	MDL	
156-60-5	trans-1,2-Dichloroethene	0.95	2.5	0.70	J
79-01-6	Trichloroethene	0.99	0.50	0.18	
95-50-1	1,2-Dichlorobenzene	ND	2.5	0.70	U
541-73-1	1,3-Dichlorobenzene	ND	2.5	0.70	U
106-46-7	1,4-Dichlorobenzene	ND	2.5	0.70	U
1634-04-4	Methyl tert butyl ether	ND	2.5	0.70	U
179601-23-1	p/m-Xylene	ND	2.5	0.70	U
95-47-6	o-Xylene	ND	2.5	0.70	U
156-59-2	cis-1,2-Dichloroethene	29	2.5	0.70	
100-42-5	Styrene	ND	2.5	0.70	U
75-71-8	Dichlorodifluoromethane	ND	5.0	1.0	U
67-64-1	Acetone	ND	5.0	1.5	U
75-15-0	Carbon disulfide	ND	5.0	1.0	U
78-93-3	2-Butanone	ND	5.0	1.9	U
108-10-1	4-Methyl-2-pentanone	ND	5.0	1.0	U
591-78-6	2-Hexanone	ND	5.0	1.0	U
74-97-5	Bromochloromethane	ND	2.5	0.70	U
106-93-4	1,2-Dibromoethane	ND	2.0	0.65	U
96-12-8	1,2-Dibromo-3-chloropropane	ND	2.5	0.70	U
98-82-8	Isopropylbenzene	ND	2.5	0.70	U
87-61-6	1,2,3-Trichlorobenzene	ND	2.5	0.70	U
120-82-1	1,2,4-Trichlorobenzene	ND	2.5	0.70	U
79-20-9	Methyl Acetate	ND	2.0	0.23	U
110-82-7	Cyclohexane	ND	10	0.27	U
123-91-1	1,4-Dioxane	ND	250	61.	U R



Results Summary

Form 1

Volatile Organics by GC/MS

Client	: Hennessy Engineering & Consulting	Lab Number	: L2167544
Project Name	: FORMER ROXY DRY CLEANERS	Project Number	:
Lab ID	: L2167544-06	Date Collected	: 12/08/21 13:00
Client ID	: MW-5	Date Received	: 12/08/21
Sample Location	: DELMAR	Date Analyzed	: 12/18/21 22:32
Sample Matrix	: WATER	Dilution Factor	: 1
Analytical Method	: 1,8260C	Analyst	: PD
Lab File ID	: V22211218N11	Instrument ID	: VOA122
Sample Amount	: 10 ml	GC Column	: RTX-502.2
Level	: LOW	%Solids	: N/A
Extract Volume (MeOH)	: N/A	Injection Volume	: N/A

CAS NO.	Parameter	ug/L			Qualifier
		Results	RL	MDL	
76-13-1	Freon-113	ND	2.5	0.70	U
108-87-2	Methyl cyclohexane	ND	10	0.40	U

Results Summary

Form 1

Volatile Organics by GC/MS

Client : Hennessy Engineering & Consulting
 Project Name : FORMER ROXY DRY CLEANERS
 Lab ID : L2167544-07
 Client ID : MW-6
 Sample Location : DELMAR
 Sample Matrix : WATER
 Analytical Method : 1,8260C
 Lab File ID : V22211218N12
 Sample Amount : 10 ml
 Level : LOW
 Extract Volume (MeOH) : N/A

Lab Number : L2167544
 Project Number :
 Date Collected : 12/08/21 11:15
 Date Received : 12/08/21
 Date Analyzed : 12/18/21 22:56
 Dilution Factor : 1
 Analyst : PD
 Instrument ID : VOA122
 GC Column : RTX-502.2
 %Solids : N/A
 Injection Volume : N/A

CAS NO.	Parameter	ug/L			Qualifier
		Results	RL	MDL	
75-09-2	Methylene chloride	ND	2.5	0.70	U
75-34-3	1,1-Dichloroethane	ND	2.5	0.70	U
67-66-3	Chloroform	ND	2.5	0.70	U
56-23-5	Carbon tetrachloride	ND	0.50	0.13	U
78-87-5	1,2-Dichloropropane	ND	1.0	0.14	U
124-48-1	Dibromochloromethane	ND	0.50	0.15	U
79-00-5	1,1,2-Trichloroethane	ND	1.5	0.50	U
127-18-4	Tetrachloroethene	ND	0.50	0.18	U
108-90-7	Chlorobenzene	ND	2.5	0.70	U
75-69-4	Trichlorofluoromethane	ND	2.5	0.70	U
107-06-2	1,2-Dichloroethane	ND	0.50	0.13	U
71-55-6	1,1,1-Trichloroethane	ND	2.5	0.70	U
75-27-4	Bromodichloromethane	ND	0.50	0.19	U
10061-02-6	trans-1,3-Dichloropropene	ND	0.50	0.16	U
10061-01-5	cis-1,3-Dichloropropene	ND	0.50	0.14	U
75-25-2	Bromoform	ND	2.0	0.65	U
79-34-5	1,1,2,2-Tetrachloroethane	ND	0.50	0.17	U
71-43-2	Benzene	ND	0.50	0.16	U
108-88-3	Toluene	ND	2.5	0.70	U
100-41-4	Ethylbenzene	ND	2.5	0.70	U
74-87-3	Chloromethane	ND	2.5	0.70	U
74-83-9	Bromomethane	ND	2.5	0.70	U
75-01-4	Vinyl chloride	3.0	1.0	0.07	
75-00-3	Chloroethane	ND	2.5	0.70	U
75-35-4	1,1-Dichloroethene	ND	0.50	0.17	U



Results Summary

Form 1

Volatile Organics by GC/MS

Client : Hennessy Engineering & Consulting
 Project Name : FORMER ROXY DRY CLEANERS
 Lab ID : L2167544-07
 Client ID : MW-6
 Sample Location : DELMAR
 Sample Matrix : WATER
 Analytical Method : 1,8260C
 Lab File ID : V22211218N12
 Sample Amount : 10 ml
 Level : LOW
 Extract Volume (MeOH) : N/A

Lab Number : L2167544
 Project Number :
 Date Collected : 12/08/21 11:15
 Date Received : 12/08/21
 Date Analyzed : 12/18/21 22:56
 Dilution Factor : 1
 Analyst : PD
 Instrument ID : VOA122
 GC Column : RTX-502.2
 %Solids : N/A
 Injection Volume : N/A

CAS NO.	Parameter	ug/L			Qualifier
		Results	RL	MDL	
156-60-5	trans-1,2-Dichloroethene	ND	2.5	0.70	U
79-01-6	Trichloroethene	0.42	0.50	0.18	J
95-50-1	1,2-Dichlorobenzene	ND	2.5	0.70	U
541-73-1	1,3-Dichlorobenzene	ND	2.5	0.70	U
106-46-7	1,4-Dichlorobenzene	ND	2.5	0.70	U
1634-04-4	Methyl tert butyl ether	ND	2.5	0.70	U
179601-23-1	p/m-Xylene	ND	2.5	0.70	U
95-47-6	o-Xylene	ND	2.5	0.70	U
156-59-2	cis-1,2-Dichloroethene	31	2.5	0.70	
100-42-5	Styrene	ND	2.5	0.70	U
75-71-8	Dichlorodifluoromethane	ND	5.0	1.0	U
67-64-1	Acetone	ND	5.0	1.5	U
75-15-0	Carbon disulfide	ND	5.0	1.0	U
78-93-3	2-Butanone	ND	5.0	1.9	U
108-10-1	4-Methyl-2-pentanone	ND	5.0	1.0	U
591-78-6	2-Hexanone	ND	5.0	1.0	U
74-97-5	Bromochloromethane	ND	2.5	0.70	U
106-93-4	1,2-Dibromoethane	ND	2.0	0.65	U
96-12-8	1,2-Dibromo-3-chloropropane	ND	2.5	0.70	U
98-82-8	Isopropylbenzene	ND	2.5	0.70	U
87-61-6	1,2,3-Trichlorobenzene	ND	2.5	0.70	U
120-82-1	1,2,4-Trichlorobenzene	ND	2.5	0.70	U
79-20-9	Methyl Acetate	ND	2.0	0.23	U
110-82-7	Cyclohexane	ND	10	0.27	U
123-91-1	1,4-Dioxane	ND	250	61.	U R



Results Summary

Form 1

Volatile Organics by GC/MS

Client : Hennessy Engineering & Consulting
 Project Name : FORMER ROXY DRY CLEANERS
 Lab ID : L2167544-07
 Client ID : MW-6
 Sample Location : DELMAR
 Sample Matrix : WATER
 Analytical Method : 1,8260C
 Lab File ID : V22211218N12
 Sample Amount : 10 ml
 Level : LOW
 Extract Volume (MeOH) : N/A

Lab Number : L2167544
 Project Number :
 Date Collected : 12/08/21 11:15
 Date Received : 12/08/21
 Date Analyzed : 12/18/21 22:56
 Dilution Factor : 1
 Analyst : PD
 Instrument ID : VOA122
 GC Column : RTX-502.2
 %Solids : N/A
 Injection Volume : N/A

CAS NO.	Parameter	ug/L			Qualifier
		Results	RL	MDL	
76-13-1	Freon-113	ND	2.5	0.70	U
108-87-2	Methyl cyclohexane	ND	10	0.40	U



Results Summary

Form 1

Volatile Organics by GC/MS

Client : Hennessy Engineering & Consulting
 Project Name : FORMER ROXY DRY CLEANERS
 Lab ID : L2167544-08D
 Client ID : DUP
 Sample Location : DELMAR
 Sample Matrix : WATER
 Analytical Method : 1,8260C
 Lab File ID : V05211220A24
 Sample Amount : 0.4 ml
 Level : LOW
 Extract Volume (MeOH) : N/A

Lab Number : L2167544
 Project Number :
 Date Collected : 12/08/21 11:00
 Date Received : 12/08/21
 Date Analyzed : 12/20/21 15:20
 Dilution Factor : 25
 Analyst : AJK
 Instrument ID : VOA105
 GC Column : RTX-502.2
 %Solids : N/A
 Injection Volume : N/A

CAS NO.	Parameter	ug/L			Qualifier
		Results	RL	MDL	
75-09-2	Methylene chloride	ND	62	18.	U
75-34-3	1,1-Dichloroethane	ND	62	18.	U
67-66-3	Chloroform	ND	62	18.	U
56-23-5	Carbon tetrachloride	ND	12	3.4	U
78-87-5	1,2-Dichloropropane	ND	25	3.4	U
124-48-1	Dibromochloromethane	ND	12	3.7	U
79-00-5	1,1,2-Trichloroethane	ND	38	12.	U
127-18-4	Tetrachloroethene	4700	12	4.5	
108-90-7	Chlorobenzene	ND	62	18.	U
75-69-4	Trichlorofluoromethane	ND	62	18.	U
107-06-2	1,2-Dichloroethane	ND	12	3.3	U
71-55-6	1,1,1-Trichloroethane	ND	62	18.	U
75-27-4	Bromodichloromethane	ND	12	4.8	U
10061-02-6	trans-1,3-Dichloropropene	ND	12	4.1	U
10061-01-5	cis-1,3-Dichloropropene	ND	12	3.6	U
75-25-2	Bromoform	ND	50	16.	U
79-34-5	1,1,2,2-Tetrachloroethane	ND	12	4.2	U
71-43-2	Benzene	ND	12	4.0	U
108-88-3	Toluene	ND	62	18.	U
100-41-4	Ethylbenzene	ND	62	18.	U
74-87-3	Chloromethane	ND	62	18.	U
74-83-9	Bromomethane	ND	62	18.	U
75-01-4	Vinyl chloride	380	25	1.8	J
75-00-3	Chloroethane	ND	62	18.	U
75-35-4	1,1-Dichloroethene	4.2	12	4.2	J



Results Summary

Form 1

Volatile Organics by GC/MS

Client : Hennessy Engineering & Consulting
 Project Name : FORMER ROXY DRY CLEANERS
 Lab ID : L2167544-08D
 Client ID : DUP
 Sample Location : DELMAR
 Sample Matrix : WATER
 Analytical Method : 1,8260C
 Lab File ID : V05211220A24
 Sample Amount : 0.4 ml
 Level : LOW
 Extract Volume (MeOH) : N/A

Lab Number : L2167544
 Project Number :
 Date Collected : 12/08/21 11:00
 Date Received : 12/08/21
 Date Analyzed : 12/20/21 15:20
 Dilution Factor : 25
 Analyst : AJK
 Instrument ID : VOA105
 GC Column : RTX-502.2
 %Solids : N/A
 Injection Volume : N/A

CAS NO.	Parameter	ug/L			Qualifier
		Results	RL	MDL	
156-60-5	trans-1,2-Dichloroethene	22	62	18.	J
79-01-6	Trichloroethene	1800	12	4.4	
95-50-1	1,2-Dichlorobenzene	ND	62	18.	U
541-73-1	1,3-Dichlorobenzene	ND	62	18.	U
106-46-7	1,4-Dichlorobenzene	ND	62	18.	U
1634-04-4	Methyl tert butyl ether	ND	62	18.	U
179601-23-1	p/m-Xylene	ND	62	18.	U
95-47-6	o-Xylene	ND	62	18.	U
156-59-2	cis-1,2-Dichloroethene	2200	62	18.	
100-42-5	Styrene	ND	62	18.	U
75-71-8	Dichlorodifluoromethane	ND	120	25.	U
67-64-1	Acetone	ND	120	36.	U
75-15-0	Carbon disulfide	ND	120	25.	U
78-93-3	2-Butanone	ND	120	48.	U
108-10-1	4-Methyl-2-pentanone	ND	120	25.	U
591-78-6	2-Hexanone	ND	120	25.	U
74-97-5	Bromochloromethane	ND	62	18.	U
106-93-4	1,2-Dibromoethane	ND	50	16.	U
96-12-8	1,2-Dibromo-3-chloropropane	ND	62	18.	U
98-82-8	Isopropylbenzene	ND	62	18.	U
87-61-6	1,2,3-Trichlorobenzene	ND	62	18.	U
120-82-1	1,2,4-Trichlorobenzene	ND	62	18.	U
79-20-9	Methyl Acetate	ND	50	5.8	U
110-82-7	Cyclohexane	ND	250	6.8	U
123-91-1	1,4-Dioxane	ND	6200	1500	U R



Results Summary

Form 1

Volatile Organics by GC/MS

Client : Hennessy Engineering & Consulting
 Project Name : FORMER ROXY DRY CLEANERS
 Lab ID : L2167544-08D
 Client ID : DUP
 Sample Location : DELMAR
 Sample Matrix : WATER
 Analytical Method : 1,8260C
 Lab File ID : V05211220A24
 Sample Amount : 0.4 ml
 Level : LOW
 Extract Volume (MeOH) : N/A

Lab Number : L2167544
 Project Number :
 Date Collected : 12/08/21 11:00
 Date Received : 12/08/21
 Date Analyzed : 12/20/21 15:20
 Dilution Factor : 25
 Analyst : AJK
 Instrument ID : VOA105
 GC Column : RTX-502.2
 %Solids : N/A
 Injection Volume : N/A

CAS NO.	Parameter	ug/L			Qualifier
		Results	RL	MDL	
76-13-1	Freon-113	ND	62	18.	U
108-87-2	Methyl cyclohexane	ND	250	9.9	U

Results Summary

Form 1

Volatile Organics by GC/MS

Client : Hennessy Engineering & Consulting
 Project Name : FORMER ROXY DRY CLEANERS
 Lab ID : L2167544-09
 Client ID : FB-20211208
 Sample Location : DELMAR
 Sample Matrix : WATER
 Analytical Method : 1,8260C
 Lab File ID : VE211219A11
 Sample Amount : 10 ml
 Level : LOW
 Extract Volume (MeOH) : N/A

Lab Number : L2167544
 Project Number :
 Date Collected : 12/08/21 11:00
 Date Received : 12/08/21
 Date Analyzed : 12/19/21 10:41
 Dilution Factor : 1
 Analyst : PD
 Instrument ID : ELAINE
 GC Column : RTX-502.2
 %Solids : N/A
 Injection Volume : N/A

CAS NO.	Parameter	ug/L			Qualifier
		Results	RL	MDL	
75-09-2	Methylene chloride	1.2	2.5	0.70	J
75-34-3	1,1-Dichloroethane	ND	2.5	0.70	U
67-66-3	Chloroform	ND	2.5	0.70	U
56-23-5	Carbon tetrachloride	ND	0.50	0.13	U
78-87-5	1,2-Dichloropropane	ND	1.0	0.14	U
124-48-1	Dibromochloromethane	ND	0.50	0.15	U
79-00-5	1,1,2-Trichloroethane	ND	1.5	0.50	U
127-18-4	Tetrachloroethene	ND	0.50	0.18	U
108-90-7	Chlorobenzene	ND	2.5	0.70	U
75-69-4	Trichlorofluoromethane	ND	2.5	0.70	U
107-06-2	1,2-Dichloroethane	ND	0.50	0.13	U
71-55-6	1,1,1-Trichloroethane	ND	2.5	0.70	U
75-27-4	Bromodichloromethane	ND	0.50	0.19	U
10061-02-6	trans-1,3-Dichloropropene	ND	0.50	0.16	U
10061-01-5	cis-1,3-Dichloropropene	ND	0.50	0.14	U
75-25-2	Bromoform	ND	2.0	0.65	U
79-34-5	1,1,2,2-Tetrachloroethane	ND	0.50	0.17	U
71-43-2	Benzene	ND	0.50	0.16	U
108-88-3	Toluene	ND	2.5	0.70	U
100-41-4	Ethylbenzene	ND	2.5	0.70	U
74-87-3	Chloromethane	ND	2.5	0.70	U
74-83-9	Bromomethane	ND	2.5	0.70	U
75-01-4	Vinyl chloride	ND	1.0	0.07	U
75-00-3	Chloroethane	ND	2.5	0.70	U
75-35-4	1,1-Dichloroethene	ND	0.50	0.17	U



Results Summary

Form 1

Volatile Organics by GC/MS

Client : Hennessy Engineering & Consulting
 Project Name : FORMER ROXY DRY CLEANERS
 Lab ID : L2167544-09
 Client ID : FB-20211208
 Sample Location : DELMAR
 Sample Matrix : WATER
 Analytical Method : 1,8260C
 Lab File ID : VE211219A11
 Sample Amount : 10 ml
 Level : LOW
 Extract Volume (MeOH) : N/A

Lab Number : L2167544
 Project Number :
 Date Collected : 12/08/21 11:00
 Date Received : 12/08/21
 Date Analyzed : 12/19/21 10:41
 Dilution Factor : 1
 Analyst : PD
 Instrument ID : ELAINE
 GC Column : RTX-502.2
 %Solids : N/A
 Injection Volume : N/A

CAS NO.	Parameter	ug/L			Qualifier
		Results	RL	MDL	
156-60-5	trans-1,2-Dichloroethene	ND	2.5	0.70	U
79-01-6	Trichloroethene	ND	0.50	0.18	U
95-50-1	1,2-Dichlorobenzene	ND	2.5	0.70	U
541-73-1	1,3-Dichlorobenzene	ND	2.5	0.70	U
106-46-7	1,4-Dichlorobenzene	ND	2.5	0.70	U
1634-04-4	Methyl tert butyl ether	ND	2.5	0.70	U
179601-23-1	p/m-Xylene	ND	2.5	0.70	U
95-47-6	o-Xylene	ND	2.5	0.70	U
156-59-2	cis-1,2-Dichloroethene	ND	2.5	0.70	U
100-42-5	Styrene	ND	2.5	0.70	U
75-71-8	Dichlorodifluoromethane	ND	5.0	1.0	U
67-64-1	Acetone	ND	5.0	1.5	U
75-15-0	Carbon disulfide	ND	5.0	1.0	U
78-93-3	2-Butanone	ND	5.0	1.9	U
108-10-1	4-Methyl-2-pentanone	ND	5.0	1.0	U
591-78-6	2-Hexanone	ND	5.0	1.0	U
74-97-5	Bromochloromethane	ND	2.5	0.70	U
106-93-4	1,2-Dibromoethane	ND	2.0	0.65	U
96-12-8	1,2-Dibromo-3-chloropropane	ND	2.5	0.70	U
98-82-8	Isopropylbenzene	ND	2.5	0.70	U
87-61-6	1,2,3-Trichlorobenzene	ND	2.5	0.70	U
120-82-1	1,2,4-Trichlorobenzene	ND	2.5	0.70	U
79-20-9	Methyl Acetate	ND	2.0	0.23	U
110-82-7	Cyclohexane	ND	10	0.27	U
123-91-1	1,4-Dioxane	ND	250	61.	U



Results Summary

Form 1

Volatile Organics by GC/MS

Client : Hennessy Engineering & Consulting
 Project Name : FORMER ROXY DRY CLEANERS
 Lab ID : L2167544-09
 Client ID : FB-20211208
 Sample Location : DELMAR
 Sample Matrix : WATER
 Analytical Method : 1,8260C
 Lab File ID : VE211219A11
 Sample Amount : 10 ml
 Level : LOW
 Extract Volume (MeOH) : N/A

Lab Number : L2167544
 Project Number :
 Date Collected : 12/08/21 11:00
 Date Received : 12/08/21
 Date Analyzed : 12/19/21 10:41
 Dilution Factor : 1
 Analyst : PD
 Instrument ID : ELAINE
 GC Column : RTX-502.2
 %Solids : N/A
 Injection Volume : N/A

CAS NO.	Parameter	ug/L			Qualifier
		Results	RL	MDL	
76-13-1	Freon-113	ND	2.5	0.70	U
108-87-2	Methyl cyclohexane	ND	10	0.40	U

Results Summary

Form 1

Volatile Organics by GC/MS

Client : Hennessy Engineering & Consulting
 Project Name : FORMER ROXY DRY CLEANERS
 Lab ID : L2167544-10
 Client ID : TB-20211208
 Sample Location : DELMAR
 Sample Matrix : WATER
 Analytical Method : 1,8260C
 Lab File ID : V05211222A18
 Sample Amount : 10 ml
 Level : LOW
 Extract Volume (MeOH) : N/A

Lab Number : L2167544
 Project Number :
 Date Collected : 12/08/21 11:00
 Date Received : 12/08/21
 Date Analyzed : 12/22/21 13:30
 Dilution Factor : 1
 Analyst : LAC
 Instrument ID : VOA105
 GC Column : RTX-502.2
 %Solids : N/A
 Injection Volume : N/A

CAS NO.	Parameter	ug/L			Qualifier
		Results	RL	MDL	
75-09-2	Methylene chloride	1.5	2.5	0.70	J
75-34-3	1,1-Dichloroethane	ND	2.5	0.70	U
67-66-3	Chloroform	ND	2.5	0.70	U
56-23-5	Carbon tetrachloride	ND	0.50	0.13	U
78-87-5	1,2-Dichloropropane	ND	1.0	0.14	U
124-48-1	Dibromochloromethane	ND	0.50	0.15	U
79-00-5	1,1,2-Trichloroethane	ND	1.5	0.50	U
127-18-4	Tetrachloroethene	ND	0.50	0.18	U
108-90-7	Chlorobenzene	ND	2.5	0.70	U
75-69-4	Trichlorofluoromethane	ND	2.5	0.70	U
107-06-2	1,2-Dichloroethane	ND	0.50	0.13	U
71-55-6	1,1,1-Trichloroethane	ND	2.5	0.70	U
75-27-4	Bromodichloromethane	ND	0.50	0.19	U
10061-02-6	trans-1,3-Dichloropropene	ND	0.50	0.16	U
10061-01-5	cis-1,3-Dichloropropene	ND	0.50	0.14	U
75-25-2	Bromoform	ND	2.0	0.65	U
79-34-5	1,1,2,2-Tetrachloroethane	ND	0.50	0.17	U
71-43-2	Benzene	ND	0.50	0.16	U
108-88-3	Toluene	ND	2.5	0.70	U
100-41-4	Ethylbenzene	ND	2.5	0.70	U
74-87-3	Chloromethane	ND	2.5	0.70	U
74-83-9	Bromomethane	ND	2.5	0.70	U
75-01-4	Vinyl chloride	ND	1.0	0.07	U
75-00-3	Chloroethane	ND	2.5	0.70	U
75-35-4	1,1-Dichloroethene	ND	0.50	0.17	U



Results Summary

Form 1

Volatile Organics by GC/MS

Client : Hennessy Engineering & Consulting
 Project Name : FORMER ROXY DRY CLEANERS
 Lab ID : L2167544-10
 Client ID : TB-20211208
 Sample Location : DELMAR
 Sample Matrix : WATER
 Analytical Method : 1,8260C
 Lab File ID : V05211222A18
 Sample Amount : 10 ml
 Level : LOW
 Extract Volume (MeOH) : N/A

Lab Number : L2167544
 Project Number :
 Date Collected : 12/08/21 11:00
 Date Received : 12/08/21
 Date Analyzed : 12/22/21 13:30
 Dilution Factor : 1
 Analyst : LAC
 Instrument ID : VOA105
 GC Column : RTX-502.2
 %Solids : N/A
 Injection Volume : N/A

CAS NO.	Parameter	ug/L			Qualifier
		Results	RL	MDL	
156-60-5	trans-1,2-Dichloroethene	ND	2.5	0.70	U
79-01-6	Trichloroethene	ND	0.50	0.18	U
95-50-1	1,2-Dichlorobenzene	ND	2.5	0.70	U
541-73-1	1,3-Dichlorobenzene	ND	2.5	0.70	U
106-46-7	1,4-Dichlorobenzene	ND	2.5	0.70	U
1634-04-4	Methyl tert butyl ether	ND	2.5	0.70	U
179601-23-1	p/m-Xylene	ND	2.5	0.70	U
95-47-6	o-Xylene	ND	2.5	0.70	U
156-59-2	cis-1,2-Dichloroethene	ND	2.5	0.70	U
100-42-5	Styrene	ND	2.5	0.70	U
75-71-8	Dichlorodifluoromethane	ND	5.0	1.0	U
67-64-1	Acetone	ND	5.0	1.5	U
75-15-0	Carbon disulfide	ND	5.0	1.0	U
78-93-3	2-Butanone	ND	5.0	1.9	U
108-10-1	4-Methyl-2-pentanone	ND	5.0	1.0	U
591-78-6	2-Hexanone	ND	5.0	1.0	U
74-97-5	Bromochloromethane	ND	2.5	0.70	U
106-93-4	1,2-Dibromoethane	ND	2.0	0.65	U
96-12-8	1,2-Dibromo-3-chloropropane	ND	2.5	0.70	U
98-82-8	Isopropylbenzene	ND	2.5	0.70	U
87-61-6	1,2,3-Trichlorobenzene	ND	2.5	0.70	U
120-82-1	1,2,4-Trichlorobenzene	ND	2.5	0.70	U
79-20-9	Methyl Acetate	ND	2.0	0.23	U
110-82-7	Cyclohexane	ND	10	0.27	U
123-91-1	1,4-Dioxane	ND	250	61.	U R



Results Summary

Form 1

Volatile Organics by GC/MS

Client : Hennessy Engineering & Consulting
 Project Name : FORMER ROXY DRY CLEANERS
 Lab ID : L2167544-10
 Client ID : TB-20211208
 Sample Location : DELMAR
 Sample Matrix : WATER
 Analytical Method : 1,8260C
 Lab File ID : V05211222A18
 Sample Amount : 10 ml
 Level : LOW
 Extract Volume (MeOH) : N/A

Lab Number : L2167544
 Project Number :
 Date Collected : 12/08/21 11:00
 Date Received : 12/08/21
 Date Analyzed : 12/22/21 13:30
 Dilution Factor : 1
 Analyst : LAC
 Instrument ID : VOA105
 GC Column : RTX-502.2
 %Solids : N/A
 Injection Volume : N/A

CAS NO.	Parameter	ug/L			Qualifier
		Results	RL	MDL	
76-13-1	Freon-113	ND	2.5	0.70	U
108-87-2	Methyl cyclohexane	ND	10	0.40	U

VOC Data Section



Geology

Hydrology

Remediation

Water Supply

**QA/QC Review of Method 8260C Volatiles Data
for Alpha Analytical, SDG Number: L2167544**

**7 Ground Water Samples, 1 Field Duplicate,
1 Field Blank, and 1 Trip Blank
Collected December 8, 2021**

Prepared by: Donald Anné
April 29, 2022

Holding Times: The samples were analyzed within USEPA holding times.

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

Initial Calibration: The average RRFs for acetone, 2-butanone, and 4-methyl-2-pentanone were below the method minimums, but not below 0.010 for VOA105 on 10-07-21. The average RRFs for 10 compounds (highlighted yellow on attached Form 6) were below the method minimums, but not below 0.010 for VOA122 on 12-15-21. The average RRFs for acetone, bromochloromethane, 2-butanone, trichloroethene, bromodichloromethane, and 1,1,2-trichloroethane were below the method minimums, but not below 0.010 for ELAINE on 12-16-21. No action is taken on fewer than 20% of the compounds with method criteria outside control limits per calibration, provided no average RRF is less than 0.010.

The average RRFs for target compounds were above the allowable minimum (0.001 for 1,4-dioxane, 0.010 for all other compounds) and the %RSDs were below the allowable maximum (30%), as required.

Continuing Calibration: The RRFs for 11 compounds (highlighted yellow on attached Form 7) were below the method minimums, but not below 0.010 on 12-18-21 (V22211218N01). The RRFs for 11 compounds (highlighted yellow on attached Form 7) were below the method minimums, but not below 0.010 on 12-19-21 (VE211219A01). The RRFs for 8 compounds (highlighted yellow on attached Form 7) were below the method minimums, but not below 0.010 on 12-20-21 (V05211220A01). The RRFs for 5 compounds (highlighted yellow on attached Form 7) were below the method minimums, but not below 0.010 on 12-22-21 (V05211222A01). The %Ds for bromomethane, 4-methyl-2-pentanone, 2-hexanone, and bromoform were above the method maximum on 12-18-21 (V22211218N01). The %Ds for bromomethane, acetone, 2-butanone, 4-methyl-2-pentanone, bromoform, and 1,2-dibromo-3-chloropropane were above the method maximum on 12-19-21 (VE211219A01). The %Ds for 10 compounds (highlighted yellow on attached Form 7) were above the method maximum on 12-20-21 (V05211220A01).

The %Ds for chloromethane, vinyl chloride, chloroethane, cyclohexane, and 1,2-dibromo-3-chloropropane were above the method maximum on 12-22-21 (V05211222A01). 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 RRF for 1,4-dioxane was below the allowable minimum (0.001) on 12-18-21 (V2221218N01). The RRF for 1,4-dioxane was below the allowable minimum (0.001) on 12-20-21 (V05211220A01). The RRF for 1,4-dioxane was below the allowable minimum (0.001) on 12-22-21 (V05211222A01). Positive results for 1,4-dioxane should be considered estimated, biased low (J-) and “not detected” results rejected, unusable (R) in associated samples.

The %Ds for bromomethane, 4-methyl-2-pentanone, 2-hexanone, and bromoform were above the allowable maximum (20%) on 12-18-21 (V2221218N01). The %Ds for bromomethane, acetone, 2-butanone, 4-methyl-2-pentanone, bromoform, and 1,2-dibromo-3-chloropropane were above the allowable maximum (20%) on 12-19-21 (VE211219A01). The %Ds for 10 compounds (highlighted yellow on attached Form 7) were above the allowable maximum (20%) on 12-20-21 (V05211220A01). The %Ds for chloromethane, vinyl chloride, chloroethane, cyclohexane, and 1,2-dibromo-3-chloropropane were above the allowable maximum (20%) on 12-22-21 (V05211222A01). Positive results for these compounds should be considered estimated (J) in associated samples.

Blanks: The analyses of the method blanks reported target compounds as not detected. Field blank FB-20211208 contained a trace of methylene chloride (1.2 ug/L). Trip blank TB-20211208 contained a trace of methylene chloride (1.5 ug/L). Positive results for methylene chloride that are less than the highest blank level should be reported as not detected (U) in associated samples.

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

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

Laboratory Control Sample: The relative percent differences (RPDs) for target compounds were below the allowable maximum and the percent recoveries (%Rs) were within QC limits for aqueous samples WG1585226-3/4 and WG1586757-3/4.

The %Rs for target compounds were within QC limits, but RPD for 1,2-dibromo-3-chloropropane was above the allowable maximum for aqueous samples WG1585676-3/4. Positive results for 1,2-dibromo-3-chloropropane should be considered estimated (J) in associated aqueous samples.

The RPDs for target compounds were below the allowable maximum, but 2 of 2 %Rs for chloroethane and cyclohexane were above QC limits for aqueous samples WG1586166-3/4. Positive results for these compounds should be considered estimated, biased high (J+) in associated aqueous samples.

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

Compound ID: Checked compounds and surrogates were within GC/MS quantitation limits. The mass spectra for detected compounds contained the primary and secondary ions, as outlined in the method.

Laboratory Control Sample Summary

Form 3

Volatiles

Client : Hennessy Engineering & Consulting **Lab Number** : L2167544
Project Name : FORMER ROXY DRY CLEANERS **Project Number** :
Matrix : WATER
LCS Sample ID : WG1585676-3 **Analysis Date** : 12/19/21 07:23 **File ID** : VE211219A01
LCSD Sample ID : WG1585676-4 **Analysis Date** : 12/19/21 07:43 **File ID** : VE211219A02

Parameter	Laboratory Control Sample			Laboratory Control Duplicate			RPD	Recovery Limits	RPD Limit
	True (ug/l)	Found (ug/l)	%R	True (ug/l)	Found (ug/l)	%R			
Methylene chloride	10	9.0	90	10	9.9	99	10	70-130	20
1,1-Dichloroethane	10	9.5	95	10	10	100	5	70-130	20
Chloroform	10	9.2	92	10	9.5	95	3	70-130	20
Carbon tetrachloride	10	9.2	92	10	9.7	97	5	63-132	20
1,2-Dichloropropane	10	8.9	89	10	10	100	12	70-130	20
Dibromochloromethane	10	8.3	83	10	9.0	90	8	63-130	20
1,1,2-Trichloroethane	10	8.9	89	10	9.9	99	11	70-130	20
Tetrachloroethene	10	10	100	10	10	100	0	70-130	20
Chlorobenzene	10	9.7	97	10	10	100	3	75-130	20
Trichlorofluoromethane	10	9.0	90	10	9.4	94	4	62-150	20
1,2-Dichloroethane	10	8.8	88	10	8.8	88	0	70-130	20
1,1,1-Trichloroethane	10	9.3	93	10	9.6	96	3	67-130	20
Bromodichloromethane	10	8.5	85	10	9.0	90	6	67-130	20
trans-1,3-Dichloropropene	10	9.3	93	10	9.8	98	5	70-130	20
cis-1,3-Dichloropropene	10	9.3	93	10	9.9	99	6	70-130	20
Bromoform	10	7.3	73	10	8.3	83	13	54-136	20
1,1,2,2-Tetrachloroethane	10	9.4	94	10	9.6	96	2	67-130	20
Benzene	10	9.6	96	10	10	100	4	70-130	20
Toluene	10	10	100	10	10	100	0	70-130	20
Ethylbenzene	10	10	100	10	11	110	10	70-130	20
Chloromethane	10	9.6	96	10	10	100	4	64-130	20
Bromomethane	10	7.7	77	10	7.8	78	1	39-139	20
Vinyl chloride	10	9.4	94	10	10	100	6	55-140	20
Chloroethane	10	10	100	10	9.8	98	2	55-138	20
1,1-Dichloroethene	10	9.6	96	10	11	110	14	61-145	20
trans-1,2-Dichloroethene	10	9.4	94	10	9.9	99	5	70-130	20



Laboratory Control Sample Summary

Form 3

Volatiles

Client : Hennessy Engineering & Consulting Lab Number : L2167544
 Project Name : FORMER ROXY DRY CLEANERS Project Number :
 Matrix : WATER
 LCS Sample ID : WG1585676-3 Analysis Date : 12/19/21 07:23 File ID : VE211219A01
 LCSD Sample ID : WG1585676-4 Analysis Date : 12/19/21 07:43 File ID : VE211219A02

Parameter	Laboratory Control Sample			Laboratory Control Duplicate			RPD	Recovery Limits	RPD Limit
	True (ug/l)	Found (ug/l)	%R	True (ug/l)	Found (ug/l)	%R			
Trichloroethene	10	8.5	85	10	9.2	92	8	70-130	20
1,2-Dichlorobenzene	10	9.1	91	10	9.6	96	5	70-130	20
1,3-Dichlorobenzene	10	9.1	91	10	9.8	98	7	70-130	20
1,4-Dichlorobenzene	10	9.2	92	10	10	100	8	70-130	20
Methyl tert butyl ether	10	8.3	83	10	8.9	89	7	63-130	20
p/m-Xylene	20	21	105	20	22	110	5	70-130	20
o-Xylene	20	20	100	20	21	105	5	70-130	20
cis-1,2-Dichloroethene	10	9.0	90	10	9.8	98	9	70-130	20
Styrene	20	21	105	20	22	110	5	70-130	20
Dichlorodifluoromethane	10	9.4	94	10	10	100	6	36-147	20
Acetone	10	7.4	74	10	8.8	88	17	58-148	20
Carbon disulfide	10	10	100	10	11	110	10	51-130	20
2-Butanone	10	7.6	76	10	8.8	88	15	63-138	20
4-Methyl-2-pentanone	10	7.8	78	10	9.0	90	14	59-130	20
2-Hexanone	10	8.3	83	10	8.6	86	4	57-130	20
Bromochloromethane	10	9.2	92	10	8.8	88	4	70-130	20
1,2-Dibromoethane	10	9.0	90	10	9.2	92	2	70-130	20
1,2-Dibromo-3-chloropropane	10	6.3	63	10	8.3	83	27 Q	41-144	20
Isopropylbenzene	10	9.9	99	10	11	110	11	70-130	20
1,2,3-Trichlorobenzene	10	8.2	82	10	9.0	90	9	70-130	20
1,2,4-Trichlorobenzene	10	9.1	91	10	9.1	91	0	70-130	20
Methyl Acetate	10	9.0	90	10	10	100	11	70-130	20
Cyclohexane	10	9.4	94	10	10	100	6	70-130	20
1,4-Dioxane	500	520	104	500	580	116	11	56-162	20
Freon-113	10	10	100	10	10	100	0	70-130	20
Methyl cyclohexane	10	10	100	10	10	100	0	70-130	20



Laboratory Control Sample Summary

Form 3

Volatiles

Client : Hennessy Engineering & Consulting Lab Number : L2167544
 Project Name : FORMER ROXY DRY CLEANERS Project Number :
 Matrix : WATER
 LCS Sample ID : WG1586166-3 Analysis Date : 12/20/21 06:31 File ID : V05211220A01
 LCSD Sample ID : WG1586166-4 Analysis Date : 12/20/21 06:53 File ID : V05211220A02

Parameter	Laboratory Control Sample			Laboratory Control Duplicate			RPD	Recovery Limits	RPD Limit
	True (ug/l)	Found (ug/l)	%R	True (ug/l)	Found (ug/l)	%R			
Methylene chloride	10	10	100	10	11	110	10	70-130	20
1,1-Dichloroethane	10	12	120	10	12	120	0	70-130	20
Chloroform	10	10	100	10	10	100	0	70-130	20
Carbon tetrachloride	10	9.6	96	10	9.5	95	1	63-132	20
1,2-Dichloropropane	10	11	110	10	11	110	0	70-130	20
Dibromochloromethane	10	8.7	87	10	9.1	91	4	63-130	20
1,1,2-Trichloroethane	10	8.8	88	10	9.2	92	4	70-130	20
Tetrachloroethene	10	10	100	10	10	100	0	70-130	20
Chlorobenzene	10	11	110	10	11	110	0	75-130	20
Trichlorofluoromethane	10	12	120	10	12	120	0	62-150	20
1,2-Dichloroethane	10	10	100	10	11	110	10	70-130	20
1,1,1-Trichloroethane	10	10	100	10	10	100	0	67-130	20
Bromodichloromethane	10	9.4	94	10	9.5	95	1	67-130	20
trans-1,3-Dichloropropene	10	8.0	80	10	8.3	83	4	70-130	20
cis-1,3-Dichloropropene	10	8.8	88	10	9.0	90	2	70-130	20
Bromoform	10	7.7	77	10	8.0	80	4	54-136	20
1,1,2,2-Tetrachloroethane	10	8.6	86	10	9.1	91	6	67-130	20
Benzene	10	10	100	10	10	100	0	70-130	20
Toluene	10	10	100	10	11	110	10	70-130	20
Ethylbenzene	10	11	110	10	11	110	0	70-130	20
Chloromethane	10	13	130	10	13	130	0	64-130	20
Bromomethane	10	8.6	86	10	8.1	81	6	39-139	20
Vinyl chloride	10	14	140	10	14	140	0	55-140	20
Chloroethane	10	14	140 Q	10	14	140 Q	0	55-138	20
1,1-Dichloroethene	10	12	120	10	12	120	0	61-145	20
trans-1,2-Dichloroethene	10	11	110	10	11	110	0	70-130	20



Laboratory Control Sample Summary

Form 3

Volatiles

Client : Hennessy Engineering & Consulting Lab Number : L2167544
 Project Name : FORMER ROXY DRY CLEANERS Project Number :
 Matrix : WATER
 LCS Sample ID : WG1586166-3 Analysis Date : 12/20/21 06:31 File ID : V05211220A01
 LCSD Sample ID : WG1586166-4 Analysis Date : 12/20/21 06:53 File ID : V05211220A02

Parameter	Laboratory Control Sample			Laboratory Control Duplicate			RPD	Recovery Limits	RPD Limit
	True (ug/l)	Found (ug/l)	%R	True (ug/l)	Found (ug/l)	%R			
Trichloroethene	10	10	100	10	10	100	0	70-130	20
1,2-Dichlorobenzene	10	9.5	95	10	9.8	98	3	70-130	20
1,3-Dichlorobenzene	10	9.8	98	10	10	100	2	70-130	20
1,4-Dichlorobenzene	10	9.8	98	10	10	100	2	70-130	20
Methyl tert butyl ether	10	8.2	82	10	8.8	88	7	63-130	20
p/m-Xylene	20	21	105	20	21	105	0	70-130	20
o-Xylene	20	21	105	20	21	105	0	70-130	20
cis-1,2-Dichloroethene	10	10	100	10	10	100	0	70-130	20
Styrene	20	20	100	20	20	100	0	70-130	20
Dichlorodifluoromethane	10	12	120	10	11	110	9	36-147	20
Acetone	10	8.3	83	10	9.2	92	10	58-148	20
Carbon disulfide	10	12	120	10	12	120	0	51-130	20
2-Butanone	10	8.8	88	10	9.7	97	10	63-138	20
4-Methyl-2-pentanone	10	7.7	77	10	8.4	84	9	59-130	20
2-Hexanone	10	8.2	82	10	9.1	91	10	57-130	20
Bromochloromethane	10	10	100	10	10	100	0	70-130	20
1,2-Dibromoethane	10	8.6	86	10	9.0	90	5	70-130	20
1,2-Dibromo-3-chloropropane	10	6.6	66	10	7.5	75	13	41-144	20
Isopropylbenzene	10	11	110	10	11	110	0	70-130	20
1,2,3-Trichlorobenzene	10	7.4	74	10	8.2	82	10	70-130	20
1,2,4-Trichlorobenzene	10	8.1	81	10	8.6	86	6	70-130	20
Methyl Acetate	10	9.1	91	10	9.8	98	7	70-130	20
Cyclohexane	10	14	140 Q	10	14	140 Q	0	70-130	20
1,4-Dioxane	500	510	102	500	500	100	2	56-162	20
Freon-113	10	12	120	10	12	120	0	70-130	20
Methyl cyclohexane	10	10	100	10	10	100	0	70-130	20



Initial Calibration Summary

Form 6

Volatiles

Client : Hennessy Engineering & Consulting
 Project Name : FORMER ROXY DRY CLEANERS
 Instrument ID : VOA105
 Calibration dates : 10/07/21 19:35 10/07/21 23:04

Lab Number : L2167544
 Project Number :
 Ical Ref : ICAL18369

Calibration Files

L11 =V05211007N04.d L1 =V05211007N06.d L2 =V05211007N08.d L3 =V05211007N09.d L4 =V05211007N10.d
 L6 =V05211007N11.d L8 =V05211007N12.d L10 =V05211007N13.d

Compound	L11	L1	L2	L3	L4	L6	L8	L10	Avg	%RSD
1) I Fluorobenzene	-----ISTD-----									
2) TP Dichlorodifluo		0.274	0.290	0.275	0.279	0.274	0.261	0.246	0.271	5.23
3) TP Chloromethane		0.371	0.368	0.351	0.358	0.345	0.336	0.323	0.350	4.89
4) TC Vinyl chloride	0.258	0.253	0.305	0.304	0.306	0.298	0.290	0.278	0.286	7.47
5) TP Bromomethane		0.148	0.130	0.126	0.136	0.143	0.148	0.154	0.141	7.54
6) TP Chloroethane		0.169	0.172	0.171	0.169	0.161	0.158	0.152	0.165	4.65
7) TP Trichlorofluor		0.294	0.364	0.353	0.362	0.353	0.339	0.324	0.341	7.39
8) TP Ethyl ether		0.099	0.091	0.087	0.088	0.086	0.085	0.083	0.089	5.80
10) TC 1,1-Dichloroet		0.171	0.218	0.214	0.217	0.209	0.202	0.194	0.204	8.18
11) TP Carbon disulfide		0.552	0.619	0.608	0.609	0.604	0.589	0.572	0.593	4.02
12) TP Freon-113		0.174	0.230	0.225	0.231	0.224	0.215	0.206	0.215	9.38
13) TP Iodomethane		0.197	0.270	0.310	0.332	0.323	0.313	0.284	0.290	15.96
14) TP Acrolein			0.026	0.026	0.025	0.026	0.026	0.027	0.026#	2.57
15) TP Methylene chlo		0.314	0.261	0.236	0.226	0.219	0.214	0.211	0.240	15.31
17) TP Acetone			0.053	0.044	0.041	0.041	0.041	0.040	0.043#	11.56
18) TP trans-1,2-Dich		0.255	0.246	0.239	0.236	0.226	0.222	0.215	0.234	6.03
19) TP Methyl acetate		0.142	0.105	0.101	0.104	0.106	0.103	0.102	0.109	13.35
20) TP Methyl tert butyl ether		0.419	0.437	0.454	0.465	0.464	0.458	0.449	0.449	3.67
21) TP tert-Butyl alc		0.013	0.011	0.011	0.011	0.011	0.010	0.010	0.011#	8.86
22) TP Diisopropyl ether		0.818	0.796	0.795	0.811	0.808	0.796	0.769	0.799	1.98
23) TP 1,1-Dichloroet		0.444	0.499	0.491	0.484	0.465	0.456	0.441	0.469	4.94
24) TP Halothane		0.159	0.185	0.188	0.189	0.184	0.181	0.175	0.180	5.77
25) TP Acrylonitrile		0.050	0.067	0.060	0.058	0.058	0.057	0.056	0.058	8.85
26) TP Ethyl tert-but		0.659	0.649	0.664	0.684	0.689	0.682	0.661	0.670	2.24
27) TP Vinyl acetate			0.430	0.417	0.511	0.505	0.513	0.517	0.482	9.52
28) TP cis-1,2-Dichlo		0.301	0.284	0.263	0.257	0.250	0.245	0.239	0.263	8.47
29) TP 2,2-Dichloropr		0.363	0.403	0.379	0.389	0.376	0.368	0.356	0.376	4.23
30) TP Bromochloromet		0.119	0.121	0.118	0.116	0.112	0.110	0.100	0.114	6.35
31) TP Cyclohexane		0.424	0.496	0.489	0.510	0.504	0.484	0.466	0.482	6.12
32) TC Chloroform		0.483	0.432	0.422	0.414	0.404	0.398	0.390	0.420	7.41
33) TP Ethyl acetate		0.138	0.128	0.147	0.155	0.160	0.157	0.154	0.148	7.79
34) TP Carbon tetrachloride	0.325	0.309	0.353	0.361	0.370	0.368	0.360	0.351	0.350	6.19
35) TP Tetrahydrofuran		0.051	0.053	0.045	0.049	0.047	0.045	0.044	0.048#	6.81
36) S Dibromofluoromethane	0.282	0.282	0.285	0.272	0.264	0.261	0.261	0.261	0.271	3.90
37) TP 1,1,1-Trichlor		0.378	0.411	0.401	0.401	0.392	0.382	0.370	0.390	3.78
39) TP 2-Butanone			0.062	0.062	0.065	0.067	0.066	0.064	0.064#	3.25

Initial Calibration Summary

Form 6

Volatiles

Client : Hennessy Engineering & Consulting
 Project Name : FORMER ROXY DRY CLEANERS
 Instrument ID : VOA105
 Calibration dates : 10/07/21 19:35 10/07/21 23:04

Lab Number : L2167544
 Project Number :
 Ical Ref : ICAL18369

Calibration Files

L11 =V05211007N04.d L1 =V05211007N06.d L2 =V05211007N08.d L3 =V05211007N09.d L4 =V05211007N10.d
 L6 =V05211007N11.d L8 =V05211007N12.d L10 =V05211007N13.d

Compound	L11	L1	L2	L3	L4	L6	L8	L10	Avg	%RSD
40) TP 1,1-Dichloropr		0.260	0.303	0.319	0.334	0.330	0.322	0.312	0.311	8.04
41) TP Benzene	0.893	0.786	0.890	0.897	0.917	0.900	0.879	0.848	0.876	4.73
42) TP Tertiary-Amyl Methyl Ether		0.479	0.489	0.484	0.500	0.509	0.502	0.493	0.494	2.12
43) S 1,2-Dichloroethane-d4	0.324	0.319	0.318	0.322	0.297	0.298	0.302	0.315	0.312	3.49
44) TP 1,2-Dichloroet		0.310	0.324	0.314	0.313	0.307	0.303	0.296	0.310	2.84
47) TP Methyl cyclohe		0.406	0.422	0.410	0.434	0.438	0.421	0.405	0.419	3.18
48) TP Trichloroethene	0.286	0.180	0.222	0.244	0.250	0.247	0.241	0.233	0.238	12.43
50) TP Dibromomethane		0.133	0.135	0.125	0.125	0.125	0.123	0.122	0.127	4.05
51) TC 1,2-Dichloropr		0.217	0.244	0.252	0.257	0.255	0.252	0.246	0.246	5.62
53) TP 2-Chloroethyl		0.101	0.107	0.113	0.114	0.114	0.112	0.109	0.110	4.49
54) TP Bromodichlorom		0.371	0.326	0.318	0.311	0.309	0.306	0.300	0.320	7.44
57) TP 1,4-Dioxane		0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001#	6.15
58) TP cis-1,3-Dichloropropene		0.317	0.351	0.356	0.371	0.368	0.365	0.357	0.355	5.14
59) I Chlorobenzene-d5	-----ISTD-----									
60) S Toluene-d8	1.224	1.210	1.235	1.250	1.245	1.239	1.235	1.244	1.235	1.04
61) TC Toluene		0.660	0.724	0.730	0.754	0.734	0.721	0.697	0.717	4.25
62) TP 4-Methyl-2-pen		0.081	0.076	0.076	0.072	0.073	0.071	0.067	0.073#	5.92
63) TP Tetrachloroethene		0.276	0.331	0.345	0.357	0.351	0.342	0.328	0.333	8.18
65) TP trans-1,3-Dichloropropene		0.330	0.362	0.382	0.408	0.405	0.401	0.390	0.383	7.31
67) TP Ethyl methacry		0.241	0.279	0.271	0.267	0.261	0.255	0.245	0.260	5.36
68) TP 1,1,2-Trichlor		0.225	0.183	0.176	0.178	0.175	0.173	0.169	0.183	10.47
69) TP Chlorodibromom		0.237	0.263	0.270	0.284	0.284	0.284	0.280	0.272	6.43
70) TP 1,3-Dichloropr		0.330	0.392	0.402	0.412	0.409	0.404	0.395	0.392	7.20
71) TP 1,2-Dibromoethane		0.207	0.236	0.235	0.245	0.240	0.236	0.230	0.233	5.31
72) TP 2-Hexanone		0.124	0.123	0.129	0.129	0.126	0.122	0.116	0.124	3.62
73) TP Chlorobenzene		0.742	0.794	0.801	0.816	0.793	0.785	0.760	0.785	3.21
74) TC Ethylbenzene		1.404	1.458	1.455	1.490	1.441	1.402	1.330	1.426	3.67
75) TP 1,1,1,2-Tetrac		0.267	0.296	0.296	0.310	0.308	0.304	0.299	0.297	4.90
76) TP p/m Xylene		0.505	0.573	0.574	0.584	0.560	0.547	0.516	0.551	5.53
77) TP o Xylene		0.474	0.543	0.547	0.553	0.531	0.520	0.491	0.523	5.72
78) TP Styrene		0.802	0.889	0.902	0.925	0.883	0.857	0.783	0.863	6.09
79) I 1,4-Dichlorobenzene-d4	-----ISTD-----									
80) TP Bromoform		0.258	0.274	0.285	0.299	0.305	0.307	0.306	0.291	6.51
82) TP Isopropylbenzene		2.404	2.689	2.689	2.766	2.684	2.617	2.481	2.619	4.95
83) S 4-Bromofluorobenzene	0.928	0.916	0.922	0.920	0.902	0.889	0.887	0.900	0.908	1.73
84) TP Bromobenzene		0.561	0.610	0.612	0.624	0.609	0.612	0.596	0.603	3.42



Initial Calibration Summary

Form 6

Volatiles

Client : Hennessy Engineering & Consulting
 Project Name : FORMER ROXY DRY CLEANERS
 Instrument ID : VOA105
 Calibration dates : 10/07/21 19:35 10/07/21 23:04

Lab Number : L2167544
 Project Number :
 Ical Ref : ICAL18369

Calibration Files

L11 =V05211007N04.d L1 =V05211007N06.d L2 =V05211007N08.d L3 =V05211007N09.d L4 =V05211007N10.d
 L6 =V05211007N11.d L8 =V05211007N12.d L10 =V05211007N13.d

Compound	L11	L1	L2	L3	L4	L6	L8	L10	Avg	%RSD
85) TP n-Propylbenzene	2.894	3.205	3.208	3.320	3.201	3.095	2.807	3.104		6.02
86) TP 1,4-Dichlorobu	0.798	0.837	0.762	0.773	0.758	0.748	0.729	0.772		4.61
87) TP 1,1,2,2-Tetrac	0.526	0.451	0.400	0.419	0.413	0.409	0.404	0.432		10.36
88) TP 4-Ethyltoluene	2.388	2.654	2.675	2.749	2.679	2.586	2.400	2.590		5.49
89) TP 2-Chlorotoluene	1.764	1.883	1.806	1.845	1.799	1.814	1.734	1.806		2.72
90) TP 1,3,5-Trimethy	2.165	2.338	2.349	2.405	2.339	2.252	2.113	2.280		4.71
91) TP 1,2,3-Trichlor	0.362	0.352	0.334	0.343	0.340	0.334	0.344	0.344		2.98
92) TP trans-1,4-Dich	0.150	0.140	0.124	0.139	0.142	0.143	0.144	0.140		5.90
93) TP 4-Chlorotoluene	1.943	1.925	1.946	1.971	1.913	1.887	1.783	1.910		3.25
94) TP tert-Butylbenzene	1.777	1.993	1.998	2.064	2.041	1.986	1.873	1.962		5.17
97) TP 1,2,4-Trimethy	2.112	2.304	2.274	2.338	2.291	2.226	2.068	2.231		4.60
98) TP sec-Butylbenzene	2.610	2.966	2.946	3.072	3.005	2.878	2.619	2.871		6.44
99) TP p-Isopropyltol	2.228	2.546	2.597	2.698	2.641	2.546	2.337	2.513		6.75
100) TP 1,3-Dichlorobe	1.158	1.231	1.221	1.268	1.242	1.228	1.157	1.215		3.46
101) TP 1,4-Dichlorobe	1.198	1.230	1.228	1.237	1.231	1.206	1.149	1.211		2.56
102) TP p-Diethylbenzene	1.361	1.452	1.510	1.574	1.565	1.516	1.432	1.487		5.16
103) TP n-Butylbenzene	1.878	2.122	2.156	2.251	2.250	2.166	2.000	2.118		6.40
104) TP 1,2-Dichlorobe	1.058	1.130	1.108	1.128	1.112	1.088	1.027	1.093		3.50
105) TP 1,2,4,5-Tetram	2.034	2.161	2.147	2.235	2.199	2.127	1.973	2.125		4.33
106) TP 1,2-Dibromo-3-	0.055	0.071	0.070	0.071	0.071	0.070	0.068	0.068		8.34
107) TP 1,3,5-Trichlor	0.716	0.825	0.822	0.848	0.837	0.819	0.767	0.805		5.83
108) TP Hexachlorobuta	0.270	0.309	0.303	0.320	0.331	0.321	0.308	0.309		6.33
109) TP 1,2,4-Trichlor	0.634	0.682	0.674	0.693	0.684	0.670	0.637	0.668		3.46
110) TP Naphthalene	1.450	1.386	1.302	1.313	1.293	1.269	1.205	1.317		6.06
111) TP 1,2,3-Trichlor	0.512	0.543	0.539	0.554	0.547	0.534	0.509	0.534		3.21

Initial Calibration Summary

Form 6

Volatiles

Client : Hennessy Engineering & Consulting
 Project Name : FORMER ROXY DRY CLEANERS
 Instrument ID : VOA122
 Calibration dates : 12/15/21 18:59 12/15/21 22:36

Lab Number : L2167544
 Project Number :
 Ical Ref : ICAL18576

Calibration Files

L11 =V22211215N04.D L1 =V22211215N06.D L2 =V22211215N08.D L3 =V22211215N09.D L4 =V22211215N10.D
 L6 =V22211215N11.D L8 =V22211215N12.D L10 =V22211215N13.D

Compound	L11	L1	L2	L3	L4	L6	L8	L10	Avg	%RSD
1) I Fluorobenzene	-----ISTD-----									
2) TP Dichlorodifluo		0.234	0.290	0.263	0.253	0.252	0.247	0.246	0.255	6.95
3) TP Chloromethane		0.222	0.251	0.217	0.217	0.209	0.204	0.203	0.218	7.51
4) TC Vinyl chloride	0.301	0.264	0.348	0.309	0.297	0.287	0.279	0.275	0.295	8.85
5) TP Bromomethane		0.323	0.296	0.246	0.241	0.240	0.238	0.239	0.260	13.31
6) TP Chloroethane		0.209	0.274	0.233	0.224	0.213	0.210	0.213	0.225	10.28
7) TP Trichlorofluor		0.325	0.418	0.381	0.360	0.354	0.349	0.348	0.362	8.19
8) TP Ethyl ether		0.106	0.102	0.100	0.100	0.098	0.101	0.101	0.101	2.50
10) TC 1,1-Dichloroet		0.200	0.246	0.218	0.212	0.205	0.202	0.204	0.212	7.63
11) TP Carbon disulfide		0.529	0.657	0.568	0.558	0.550	0.541	0.547	0.564	7.54
12) TP Freon-113		0.181	0.245	0.226	0.216	0.214	0.210	0.213	0.215	8.94
13) TP Iodomethane		0.303	0.363	0.362	0.364	0.347	0.337	0.337	0.345	6.33
14) TP Acrolein			0.014	0.017	0.017	0.018	0.018	0.018	0.017	9.41
15) TP Methylene chlo		0.252	0.258	0.231	0.222	0.212	0.210	0.211	0.228	8.82
17) TP Acetone			0.032	0.029	0.027	0.025	0.026	0.026	0.027	9.72
18) TP trans-1,2-Dich		0.217	0.279	0.236	0.234	0.226	0.222	0.221	0.233	9.09
19) TP Methyl acetate			0.082	0.070	0.065	0.064	0.067	0.068	0.069	9.22
21) TP Methyl tert butyl ether		0.364	0.418	0.426	0.430	0.435	0.442	0.449	0.423	6.61
22) TP tert-Butyl alc			0.008	0.009	0.008	0.008	0.009	0.009	0.008#	4.00
24) TP Diisopropyl ether		0.385	0.419	0.439	0.466	0.479	0.480	0.487	0.451	8.45
25) TP 1,1-Dichloroet		0.402	0.455	0.409	0.398	0.383	0.375	0.374	0.399	7.03
26) TP Halothane		0.158	0.206	0.185	0.186	0.183	0.180	0.183	0.183	7.61
27) TP Acrylonitrile		0.022	0.038	0.042	0.041	0.041	0.042	0.042	0.038	18.56
28) TP Ethyl tert-but		0.403	0.416	0.445	0.477	0.496	0.502	0.513	0.465	9.41
29) TP Vinyl acetate			0.170	0.197	0.236	0.247	0.256	0.260	0.228	16.02
30) TP cis-1,2-Dichlo		0.246	0.290	0.258	0.254	0.243	0.237	0.238	0.252	7.27
31) TP 2,2-Dichloropr		0.280	0.332	0.317	0.331	0.328	0.320	0.319	0.318	5.60
32) TP Bromochloromet		0.114	0.125	0.118	0.116	0.110	0.108	0.110	0.114	5.23
33) TP Cyclohexane		0.321	0.391	0.366	0.353	0.353	0.345	0.348	0.354	5.98
34) TC Chloroform		0.394	0.443	0.406	0.396	0.382	0.373	0.375	0.396	6.10
35) TP Ethyl acetate		0.072	0.080	0.083	0.088	0.090	0.091	0.093	0.085	8.98
36) TP Carbon tetrachloride	0.267	0.272	0.353	0.341	0.343	0.343	0.339	0.344	0.325	10.69
37) TP Tetrahydrofuran		0.020	0.031	0.033	0.032	0.032	0.033	0.033	0.031	15.29
38) S Dibromofluoromethane	0.306	0.309	0.304	0.285	0.268	0.270	0.264	0.266	0.284	6.86
39) TP 1,1,1-Trichlor		0.320	0.390	0.378	0.369	0.360	0.352	0.352	0.360	6.22
41) TP 2-Butanone		0.022	0.041	0.042	0.042	0.040	0.041	0.042	0.039	19.53

Initial Calibration Summary

Form 6

Volatiles

Client : Hennessy Engineering & Consulting
 Project Name : FORMER ROXY DRY CLEANERS
 Instrument ID : VOA122
 Calibration dates : 12/15/21 18:59 12/15/21 22:36

Lab Number : L2167544
 Project Number :
 Ical Ref : ICAL18576

Calibration Files

L11 =V22211215N04.D L1 =V22211215N06.D L2 =V22211215N08.D L3 =V22211215N09.D L4 =V22211215N10.D
 L6 =V22211215N11.D L8 =V22211215N12.D L10 =V22211215N13.D

Compound	L11	L1	L2	L3	L4	L6	L8	L10	Avg	%RSD
42) TP 1,1-Dichloropr	0.231	0.341	0.338	0.338	0.335	0.326	0.327	0.319	12.37	
44) TP Benzene	0.758	0.707	0.875	0.850	0.875	0.862	0.847	0.844	0.827	7.39
45) TP Tertiary-Amyl Methyl Ether	0.335	0.368	0.392	0.416	0.441	0.450	0.465	0.410	11.49	
46) S 1,2-Dichloroethane-d4	0.271	0.274	0.269	0.252	0.240	0.244	0.249	0.261	0.258	5.03
47) T 1,2-Dichloroet	0.232	0.252	0.245	0.238	0.233	0.228	0.228	0.237	3.80	
50) TP Methyl cyclohe	0.284	0.352	0.360	0.384	0.395	0.393	0.405	0.368	11.32	
51) TP Trichloroethene	0.169	0.198	0.230	0.239	0.240	0.242	0.241	0.249	0.226	12.28
53) TP Dibromomethane	0.077	0.085	0.078	0.074	0.074	0.072	0.072	0.076	6.15	
54) TC 1,2-Dichloropr	0.170	0.206	0.205	0.207	0.205	0.201	0.203	0.200	6.67	
56) TP 2-Chloroethyl	0.062	0.080	0.083	0.084	0.085	0.084	0.080	11.29		
57) TP Bromodichlorom	0.234	0.271	0.277	0.287	0.284	0.281	0.286	0.274#	6.78	
60) TP 1,4-Dioxane	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001#	7.58	
61) TP cis-1,3-Dichloropropene	0.186	0.225	0.274	0.299	0.330	0.332	0.331	0.335	0.289#	19.54
62) I Chlorobenzene-d5	-----ISTD-----									
63) S Toluene-d8	1.274	1.264	1.265	1.294	1.283	1.294	1.284	1.276	1.279	0.90
64) TC Toluene	0.609	0.738	0.721	0.745	0.739	0.718	0.729	0.714	6.64	
65) TP 4-Methyl-2-pen	0.036	0.043	0.045	0.048	0.050	0.052	0.046	12.54		
66) TP Tetrachloroethene	0.268	0.334	0.344	0.360	0.367	0.356	0.363	0.342	10.12	
68) TP trans-1,3-Dichloropropene	0.213	0.258	0.312	0.355	0.368	0.363	0.366	0.319	19.35	
70) TP Ethyl methacry	0.144	0.178	0.220	0.224	0.226	0.225	0.227	0.206	15.81	
71) TP 1,1,2-Trichlor	0.122	0.144	0.161	0.170	0.172	0.168	0.170	0.158#	11.76	
72) TP Chlorodibromom	0.130	0.163	0.190	0.206	0.212	0.203	0.203	0.186#	15.98	
73) TP 1,3-Dichloropr	0.283	0.309	0.341	0.355	0.357	0.346	0.348	0.334	8.35	
74) TP 1,2-Dibromoethane	0.153	0.166	0.200	0.212	0.212	0.207	0.209	0.194#	12.52	
76) TP 2-Hexanone	0.046	0.064	0.067	0.068	0.069	0.070	0.064	14.05		
77) TP Chlorobenzene	0.716	0.815	0.821	0.837	0.823	0.802	0.805	0.803	4.95	
78) TC Ethylbenzene	1.253	1.453	1.414	1.449	1.427	1.380	1.366	1.392	4.97	
79) TP 1,1,1,2-Tetrac	0.167	0.235	0.269	0.297	0.303	0.300	0.307	0.268	19.22	
80) TP p/m Xylene	0.473	0.576	0.566	0.582	0.577	0.557	0.565	0.556	6.80	
81) TP o Xylene	0.455	0.545	0.539	0.548	0.544	0.527	0.532	0.527	6.17	
82) TP Styrene	0.728	0.843	0.869	0.904	0.910	0.871	0.875	0.857	7.15	
83) I 1,4-Dichlorobenzene-d4	-----ISTD-----									
84) TP Bromoform	0.158	0.209	0.253	0.288	0.321	0.337	0.349	*Q	0.9993	
86) TP Isopropylbenzene	2.263	2.713	2.731	2.854	2.818	2.787	2.684	2.693	7.38	
87) S 4-Bromofluorobenzene	0.844	0.841	0.848	0.842	0.839	0.822	0.834	0.810	0.835	1.56
88) TP Bromobenzene	0.536	0.648	0.630	0.645	0.632	0.635	0.631	0.622	6.24	

Initial Calibration Summary

Form 6

Volatiles

Client : Hennessy Engineering & Consulting
 Project Name : FORMER ROXY DRY CLEANERS
 Instrument ID : VOA122
 Calibration dates : 12/15/21 18:59 12/15/21 22:36

Lab Number : L2167544
 Project Number :
 Ical Ref : ICAL18576

Calibration Files

L11 =V22211215N04.D L1 =V22211215N06.D L2 =V22211215N08.D L3 =V22211215N09.D L4 =V22211215N10.D
 L6 =V22211215N11.D L8 =V22211215N12.D L10 =V22211215N13.D

Compound	L11	L1	L2	L3	L4	L6	L8	L10	Avg	%RSD
89) TP n-Propylbenzene	2.644	3.123	3.169	3.328	3.257	3.220	3.079	3.117	7.20	
90) TP 1,4-Dichlorobu	0.471	0.520	0.545	0.568	0.572	0.592	0.586	0.551	7.78	
91) TP 1,1,2,2-Tetrac	0.348	0.365	0.394	0.415	0.408	0.414	0.405	0.393	6.68	
92) TP 4-Ethyltoluene	2.183	2.655	2.625	2.758	2.693	2.645	2.542	2.586	7.32	
93) TP 2-Chlorotoluene	1.809	2.120	2.038	2.139	2.097	2.063	2.015	2.040	5.44	
94) TP 1,3,5-Trimethy	1.842	2.235	2.212	2.296	2.279	2.245	2.193	2.186	7.13	
95) TP 1,2,3-Trichlor	0.304	0.306	0.328	0.332	0.333	0.344	0.340	0.327	4.83	
96) TP trans-1,4-Dich		0.079	0.098	0.108	0.111	0.114	0.113	0.104	13.01	
97) TP 4-Chlorotoluene	1.624	1.858	1.836	1.915	1.875	1.848	1.783	1.820	5.22	
98) TP tert-Butylbenzene	1.115	1.275	1.242	1.296	1.305	1.354	1.378	1.281	6.74	
101) TP 1,2,4-Trimethy	1.809	2.170	2.160	2.254	2.242	2.209	2.142	2.141	7.10	
102) TP sec-Butylbenzene	2.245	2.767	2.757	2.921	2.879	2.805	2.669	2.720	8.28	
103) TP p-Isopropyltol	1.926	2.386	2.376	2.506	2.515	2.459	2.365	2.362	8.55	
104) TP 1,3-Dichlorobe	1.117	1.230	1.255	1.310	1.301	1.289	1.258	1.252	5.26	
105) TP 1,4-Dichlorobe	1.193	1.289	1.262	1.298	1.284	1.262	1.253	1.263	2.76	
106) TP p-Diethylbenzene	1.018	1.310	1.336	1.436	1.434	1.417	1.411	1.337	11.14	
107) TP n-Butylbenzene	1.452	1.928	1.875	2.006	1.999	1.959	1.886	1.872	10.26	
108) TP 1,2-Dichlorobe	0.960	1.124	1.137	1.173	1.150	1.150	1.136	1.119	6.38	
109) TP 1,2,4,5-Tetram	1.499	1.790	1.877	2.029	2.017	2.006	1.986	1.886	10.18	
110) TP 1,2-Dibromo-3-	0.016	0.053	0.060	0.068	0.069	0.072	0.072	*L	0.9993	
111) TP 1,3,5-Trichlor	0.647	0.753	0.752	0.786	0.775	0.780	0.775	0.753	6.41	
112) TP Hexachlorobuta	0.199	0.253	0.248	0.261	0.270	0.268	0.269	0.253	9.86	
113) TP 1,2,4-Trichlor	0.581	0.642	0.644	0.678	0.672	0.680	0.684	0.654	5.59	
114) TP Naphthalene	1.224	1.266	1.384	1.412	1.380	1.429	1.399	1.356	5.81	
115) TP 1,2,3-Trichlor	0.481	0.541	0.551	0.555	0.549	0.560	0.557	0.542	5.12	

Initial Calibration Summary

Form 6

Volatiles

Client : Hennessy Engineering & Consulting
 Project Name : FORMER ROXY DRY CLEANERS
 Instrument ID : ELAINE
 Calibration dates : 12/16/21 23:35 12/17/21 02:39

Lab Number : L2167544
 Project Number :
 Ical Ref : ICAL18582

Calibration Files

L11 =VE211216P04.D L1 =VE211216P06.D L2 =VE211216P08.D L3 =VE211216P09.D L4 =VE211216P10.D
 L6 =VE211216P11.D L8 =VE211216P12.D L10 =VE211216P13.D

Compound	L11	L1	L2	L3	L4	L6	L8	L10	Avg	%RSD
1) I Fluorobenzene	-----ISTD-----									
2) TP Dichlorodifluo		0.168	0.227	0.216	0.211	0.209	0.205	0.202	0.205	8.91
3) TP Chloromethane		0.274	0.360	0.332	0.348	0.334	0.326	0.318	0.327	8.34
4) TC Vinyl chloride	0.257	0.290	0.333	0.289	0.288	0.285	0.285	0.274	0.287	7.42
5) TP Bromomethane		0.113	0.109	0.101	0.103	0.109	0.110	0.111	0.108	4.11
6) TP Chloroethane		0.157	0.142	0.130	0.130	0.124	0.121	0.115	0.131	10.90
7) TP Trichlorofluor		0.251	0.353	0.309	0.325	0.316	0.306	0.299	0.308	10.01
8) TP Ethyl ether		0.083	0.109	0.104	0.103	0.110	0.102	0.097	0.101	9.10
10) TC 1,1-Dichloroet		0.101	0.161	0.159	0.169	0.165	0.158	0.155	0.152	15.29
11) TP Carbon disulfide		0.357	0.470	0.419	0.446	0.437	0.424	0.407	0.423	8.34
12) TP Freon-113		0.117	0.146	0.163	0.166	0.166	0.163	0.158	0.154	11.54
13) TP Iodomethane		0.175	0.223	0.216	0.239	0.239	0.234	0.217	0.220	10.03
14) TP Acrolein			0.011	0.016	0.015	0.017	0.019	0.021	*Q	0.9995
15) TP Methylene chlo		0.212	0.220	0.198	0.198	0.197	0.192	0.186	0.200	5.86
17) TP Acetone			0.055	0.042	0.041	0.041	0.041	0.042	0.044	12.51
18) TP trans-1,2-Dich		0.156	0.203	0.174	0.180	0.181	0.176	0.175	0.178	7.72
19) TP Methyl acetate			0.088	0.104	0.118	0.117	0.120	0.120	0.111	11.61
20) TP Methyl tert butyl ether		0.524	0.511	0.511	0.531	0.559	0.542	0.537	0.531	3.26
21) TP tert-Butyl alc		0.017	0.016	0.017	0.017	0.017	0.017	0.017	0.017	2.73
22) TP Diisopropyl ether		0.830	0.853	0.794	0.875	0.862	0.871	0.847	0.847	3.30
23) TP 1,1-Dichloroet		0.455	0.495	0.488	0.497	0.495	0.484	0.474	0.484	3.14
24) TP Halothane		0.107	0.132	0.127	0.130	0.129	0.129	0.127	0.126	6.69
25) TP Acrylonitrile			0.075	0.072	0.083	0.084	0.083	0.084	0.080	6.62
26) TP Ethyl tert-but		0.820	0.829	0.782	0.889	0.880	0.880	0.861	0.849	4.66
27) TP Vinyl acetate			0.227	0.220	0.270	0.307	0.308	0.314	0.274	15.39
28) TP cis-1,2-Dichlo		0.226	0.209	0.186	0.206	0.205	0.203	0.200	0.205	5.89
29) TP 2,2-Dichloropr		0.248	0.297	0.289	0.309	0.314	0.307	0.305	0.295	7.66
30) TP Bromochloromet		0.086	0.086	0.089	0.086	0.086	0.084	0.080	0.085#	3.17
31) TP Cyclohexane		0.453	0.529	0.500	0.542	0.533	0.524	0.521	0.515	5.83
32) TC Chloroform		0.368	0.386	0.369	0.385	0.375	0.376	0.365	0.375	2.26
33) TP Ethyl acetate			0.088	0.149	0.131	0.150	0.151	0.154	0.137	18.49
34) TP Carbon tetrachloride	0.208	0.208	0.270	0.278	0.284	0.287	0.287	0.278	0.263	12.96
35) TP Tetrahydrofuran			0.054	0.048	0.049	0.050	0.047	0.051	0.050	4.67
36) S Dibromofluoromethane	0.251	0.253	0.249	0.235	0.251	0.249	0.239	0.234	0.245	3.18
37) TP 1,1,1-Trichlor		0.284	0.307	0.332	0.348	0.346	0.345	0.335	0.328	7.24
39) TP 2-Butanone			0.060	0.062	0.065	0.076	0.070	0.071	0.067	9.29



Initial Calibration Summary

Form 6

Volatiles

Client : Hennessy Engineering & Consulting
 Project Name : FORMER ROXY DRY CLEANERS
 Instrument ID : ELAINE
 Calibration dates : 12/16/21 23:35 12/17/21 02:39

Lab Number : L2167544
 Project Number :
 Ical Ref : ICAL18582

Calibration Files

L11 =VE211216P04.D L1 =VE211216P06.D L2 =VE211216P08.D L3 =VE211216P09.D L4 =VE211216P10.D
 L6 =VE211216P11.D L8 =VE211216P12.D L10 =VE211216P13.D

Compound	L11	L1	L2	L3	L4	L6	L8	L10	Avg	%RSD
40) TP 1,1-Dichloropr		0.206	0.280	0.241	0.271	0.273	0.273	0.268	0.259	10.27
41) TP Benzene	0.752	0.666	0.788	0.774	0.797	0.798	0.784	0.750	0.764	5.72
42) TP Tertiary-Amyl Methyl Ether		0.519	0.539	0.522	0.548	0.556	0.541	0.541	0.538	2.46
43) S 1,2-Dichloroethane-d4	0.372	0.398	0.376	0.380	0.379	0.373	0.382	0.375	0.380	2.20
44) TP 1,2-Dichloroet		0.292	0.334	0.318	0.341	0.342	0.335	0.332	0.328	5.34
47) TP Methyl cyclohe		0.184	0.320	0.304	0.334	0.337	0.331	0.328	0.305	17.88
48) TP Trichloroethene	0.153	0.166	0.200	0.203	0.217	0.205	0.209	0.204	0.195#	11.52
50) TP Dibromomethane		0.062	0.105	0.099	0.105	0.105	0.102	0.102	0.097	16.06
51) TC 1,2-Dichloropr		0.241	0.258	0.271	0.278	0.276	0.273	0.267	0.266	4.89
53) TP 2-Chloroethyl		0.121	0.124	0.133	0.143	0.144	0.144	0.141	0.136	7.19
54) TP Bromodichlorom		0.304	0.307	0.276	0.297	0.298	0.301	0.291	0.296#	3.46
57) TP 1,4-Dioxane		0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001#	4.96
58) TP cis-1,3-Dichloropropene	0.290	0.272	0.291	0.296	0.334	0.332	0.328	0.320	0.308	7.61
59) I Chlorobenzene-d5	-----ISTD-----									
60) S Toluene-d8	1.394	1.449	1.374	1.405	1.437	1.481	1.441	1.439	1.428	2.40
61) TC Toluene	0.552	0.644	0.707	0.677	0.700	0.701	0.699	0.698	0.672	7.85
62) TP 4-Methyl-2-pen		0.084	0.106	0.117	0.120	0.127	0.122	0.126	0.115	13.24
63) TP Tetrachloroethene		0.197	0.271	0.264	0.273	0.278	0.279	0.278	0.263	11.31
65) TP trans-1,3-Dichloropropene	0.343	0.374	0.383	0.404	0.452	0.453	0.447	0.452	0.414	10.53
67) TP Ethyl methacry		0.386	0.302	0.306	0.321	0.332	0.322	0.327	0.328	8.45
68) TP 1,1,2-Trichlor		0.163	0.176	0.173	0.189	0.195	0.193	0.195	0.183#	6.96
69) TP Chlorodibromom		0.200	0.247	0.244	0.266	0.271	0.266	0.273	0.252	10.23
70) TP 1,3-Dichloropr		0.406	0.393	0.400	0.421	0.426	0.418	0.420	0.412	3.00
71) TP 1,2-Dibromoethane		0.239	0.231	0.219	0.231	0.228	0.227	0.228	0.229	2.60
72) TP 2-Hexanone		0.120	0.173	0.162	0.166	0.168	0.162	0.166	0.160	11.31
73) TP Chlorobenzene		0.669	0.711	0.676	0.703	0.680	0.678	0.666	0.683	2.53
74) TC Ethylbenzene	1.134	1.238	1.332	1.270	1.346	1.309	1.263	1.185	1.260	5.78
75) TP 1,1,1,2-Tetrac		0.205	0.285	0.253	0.281	0.279	0.274	0.271	0.264	10.64
76) TP p/m Xylene	0.406	0.424	0.558	0.516	0.527	0.505	0.484	0.455	0.485	10.83
77) TP o Xylene	0.483	0.411	0.502	0.500	0.516	0.486	0.462	0.432	0.474	7.68
78) TP Styrene	0.706	0.739	0.827	0.797	0.842	0.798	0.740	0.649	0.762	8.60
79) I 1,4-Dichlorobenzene-d4	-----ISTD-----									
80) TP Bromoform		0.288	0.283	0.287	0.321	0.323	0.329	0.330	0.309	6.95
82) TP Isopropylbenzene		2.209	2.632	2.570	2.686	2.577	2.603	2.417	2.528	6.45
83) S 4-Bromofluorobenzene	1.146	1.122	1.161	1.129	1.199	1.138	1.231	1.170	1.162	3.21
84) TP Bromobenzene		0.503	0.525	0.531	0.559	0.550	0.566	0.553	0.541	4.10

Initial Calibration Summary

Form 6

Volatiles

Client : Hennessy Engineering & Consulting
 Project Name : FORMER ROXY DRY CLEANERS
 Instrument ID : ELAINE
 Calibration dates : 12/16/21 23:35 12/17/21 02:39

Lab Number : L2167544
 Project Number :
 Ical Ref : ICAL18582

Calibration Files

L11 =VE211216P04.D L1 =VE211216P06.D L2 =VE211216P08.D L3 =VE211216P09.D L4 =VE211216P10.D
 L6 =VE211216P11.D L8 =VE211216P12.D L10 =VE211216P13.D

Compound	L11	L1	L2	L3	L4	L6	L8	L10	Avg	%RSD
85) TP n-Propylbenzene	2.409	3.196	2.828	3.078	2.919	2.895	2.613	2.848		9.40
86) TP 1,4-Dichlorobu	1.156	1.266	1.236	1.295	1.278	1.293	1.264	1.255		3.82
87) TP 1,1,2,2-Tetrac	0.498	0.489	0.443	0.464	0.469	0.483	0.479	0.475		3.87
88) TP 4-Ethyltoluene	2.317	2.722	2.424	2.647	2.503	2.496	2.291	2.486		6.41
89) TP 2-Chlorotoluene	1.956	2.261	2.141	2.252	2.168	2.166	2.048	2.142		5.07
90) TP 1,3,5-Trimethy	1.804	2.323	2.154	2.337	2.239	2.208	2.059	2.161		8.52
91) TP 1,2,3-Trichlor	0.296	0.453	0.433	0.453	0.436	0.451	0.433	0.422		13.35
92) TP trans-1,4-Dich	0.205	0.217	0.208	0.220	0.233	0.231	0.224	0.220		4.83
93) TP 4-Chlorotoluene	1.756	2.041	1.900	2.065	1.959	1.954	1.871	1.935		5.44
94) TP tert-Butylbenzene	1.626	1.791	1.610	1.769	1.717	1.708	1.652	1.696		4.12
97) TP 1,2,4-Trimethy	1.744	2.268	2.109	2.323	2.213	2.188	2.068	2.131		8.98
98) TP sec-Butylbenzene	2.098	2.891	2.605	2.772	2.596	2.568	2.410	2.563		9.99
99) TP p-Isopropyltol	1.655	2.160	2.048	2.164	2.105	2.060	1.997	2.027		8.62
100) TP 1,3-Dichlorobe	0.902	1.093	1.025	1.072	1.018	1.014	1.015	1.020		5.95
101) TP 1,4-Dichlorobe	0.893	1.030	0.976	1.051	1.030	1.014	1.020	1.002		5.32
102) TP p-Diethylbenzene	0.887	1.284	1.162	1.242	1.210	1.197	1.239	1.175		11.29
103) TP n-Butylbenzene	1.583	1.997	1.792	1.966	1.892	1.870	1.878	1.854		7.39
104) TP 1,2-Dichlorobe	0.831	1.006	0.935	1.006	0.948	0.945	0.966	0.948		6.23
105) TP 1,2,4,5-Tetram	1.761	2.020	1.877	2.036	1.973	2.013	1.984	1.952		5.08
106) TP 1,2-Dibromo-3-	0.099	0.074	0.073	0.073	0.068	0.075	0.078	0.077		12.98
107) TP 1,3,5-Trichlor	0.517	0.821	0.675	0.755	0.744	0.782	0.801	0.728		14.35
108) TP Hexachlorobuta	0.253	0.357	0.290	0.331	0.349	0.361	0.378	0.331		13.40
109) TP 1,2,4-Trichlor	0.546	0.650	0.614	0.672	0.705	0.746	0.744	0.668		10.82
110) TP Naphthalene	1.500	1.532	1.466	1.545	1.523	1.606	1.557	1.533		2.89
111) TP 1,2,3-Trichlor	0.513	0.662	0.604	0.620	0.638	0.675	0.675	0.627		9.12

Calibration Verification Summary

Form 7

Volatiles

Client : Hennessy Engineering & Consulting
 Project Name : FORMER ROXY DRY CLEANERS
 Instrument ID : VOA122
 Lab File ID : V22211218N01
 Sample No : WG1585226-2
 Channel :

Lab Number : L2167544
 Project Number :
 Calibration Date : 12/18/21 18:31
 Init. Calib. Date(s) : 12/15/21 12/15/21
 Init. Calib. Times : 18:59 22:36

Compound	Ave. RRF	RRF	Min RRF	%D	Max %D	Area%	Dev(min)
Fluorobenzene	1	1	-	0	20	93	0
Dichlorodifluoromethane	0.255	0.271	-	-6.3	20	96	0
Chloromethane	0.218	0.212	-	2.8	20	91	0
Vinyl chloride	0.295	0.316	-	-7.1	20	96	0
Bromomethane	0.26	0.175	-	32.7*	20	66	0
Chloroethane	0.225	0.234	-	-4	20	94	0
Trichlorofluoromethane	0.362	0.387	-	-6.9	20	95	0
Ethyl ether	0.101	0.095	-	5.9	20	88	0
1,1-Dichloroethene	0.212	0.225	-	-6.1	20	96	0
Carbon disulfide	0.564	0.595	-	-5.5	20	98	0
Freon-113	0.215	0.229	-	-6.5	20	95	0
Iodomethane	0.345	0.155	-	55.1*	20	40	0
Acrolein	0.017	0.015	-	11.8	20	81	0
Methylene chloride	0.228	0.234	-	-2.6	20	95	0
Acetone	0.027	0.024	-	11.1	20	78	0
trans-1,2-Dichloroethene	0.233	0.239	-	-2.6	20	95	0
Methyl acetate	0.069	0.06	-	13	20	81	0
Methyl tert-butyl ether	0.423	0.373	-	11.8	20	82	0
tert-Butyl alcohol	0.00849	0.00549*	-	35.3*	20	60	0
Diisopropyl ether	0.451	0.431	-	4.4	20	92	0
1,1-Dichloroethane	0.399	0.417	-	-4.5	20	95	0
Halothane	0.183	0.184	-	-0.5	20	92	0
Acrylonitrile	0.038	0.04	-	-5.3	20	89	0
Ethyl tert-butyl ether	0.465	0.412	-	11.4	20	86	0
Vinyl acetate	0.228	0.234	-	-2.6	20	111	0
cis-1,2-Dichloroethene	0.252	0.255	-	-1.2	20	93	0
2,2-Dichloropropane	0.318	0.338	-	-6.3	20	100	0
Bromochloromethane	0.114	0.114	-	0	20	91	0
Cyclohexane	0.354	0.383	-	-8.2	20	98	0
Chloroform	0.396	0.405	-	-2.3	20	93	0
Ethyl acetate	0.085	0.075	-	11.8	20	83	0
Carbon tetrachloride	0.325	0.338	-	-4	20	92	0
Tetrahydrofuran	0.031	0.029	-	6.5	20	83	0
Dibromofluoromethane	0.284	0.285	-	-0.4	20	93	0
1,1,1-Trichloroethane	0.36	0.371	-	-3.1	20	92	0
2-Butanone	0.039	0.036	-	7.7	20	82	0
1,1-Dichloropropene	0.319	0.34	-	-6.6	20	94	0
Benzene	0.827	0.862	-	-4.2	20	95	0
tert-Amyl methyl ether	0.41	0.349	-	14.9	20	83	0
1,2-Dichloroethane-d4	0.258	0.253	-	1.9	20	94	0
1,2-Dichloroethane	0.237	0.236	-	0.4	20	90	0
Methyl cyclohexane	0.368	0.374	-	-1.6	20	97	0
Trichloroethene	0.226	0.227	-	-0.4	20	89	0

* Value outside of QC limits.



Calibration Verification Summary

Form 7

Volatiles

Client : Hennessy Engineering & Consulting
 Project Name : FORMER ROXY DRY CLEANERS
 Instrument ID : VOA122
 Lab File ID : V22211218N01
 Sample No : WG1585226-2
 Channel :

Lab Number : L2167544
 Project Number :
 Calibration Date : 12/18/21 18:31
 Init. Calib. Date(s) : 12/15/21 12/15/21
 Init. Calib. Times : 18:59 22:36

Compound	Ave. RRF	RRF	Min RRF	%D	Max %D	Area%	Dev(min)
Dibromomethane	0.076	0.074	-	2.6	20	89	-.02
1,2-Dichloropropane	0.2	0.201	-	-0.5	20	92	0
2-Chloroethyl vinyl ether	0.08	0.072	-	10	20	84	0
Bromodichloromethane	0.274	0.26*	-	5.1	20	88	0
1,4-Dioxane	0.00113	0.00096*	-	15	20	75	0
cis-1,3-Dichloropropene	0.289	0.282*	-	2.4	20	88	0
Chlorobenzene-d5	1	1	-	0	20	95	0
Toluene-d8	1.279	1.3	-	-1.6	20	95	0
Toluene	0.714	0.709	-	0.7	20	93	0
4-Methyl-2-pentanone	0.046	0.033	-	28.3*	20	75	0
Tetrachloroethene	0.342	0.34	-	0.6	20	94	0
trans-1,3-Dichloropropene	0.319	0.282*	-	11.6	20	86	0
Ethyl methacrylate	0.206	0.182	-	11.7	20	79	0
1,1,2-Trichloroethane	0.158	0.148*	-	6.3	20	87	0
Chlorodibromomethane	0.186	0.177*	-	4.8	20	89	0
1,3-Dichloropropane	0.334	0.318	-	4.8	20	89	0
1,2-Dibromoethane	0.194	0.181*	-	6.7	20	86	0
2-Hexanone	0.064	0.051	-	20.3*	20	76	0
Chlorobenzene	0.803	0.789	-	1.7	20	91	0
Ethylbenzene	1.392	1.401	-	-0.6	20	94	0
1,1,1,2-Tetrachloroethane	0.268	0.243	-	9.3	20	86	0
p/m Xylene	0.556	0.56	-	-0.7	20	94	0
o Xylene	0.527	0.522	-	0.9	20	92	0
Styrene	0.857	0.829	-	3.3	20	91	0
1,4-Dichlorobenzene-d4	1	1	-	0	20	93	0
Bromoform	10	7.691	-	23.1*	20	80	0
Isopropylbenzene	2.693	2.73	-	-1.4	20	93	0
4-Bromofluorobenzene	0.835	0.854	-	-2.3	20	95	0
Bromobenzene	0.622	0.607	-	2.4	20	90	0
n-Propylbenzene	3.117	3.217	-	-3.2	20	95	0
1,4-Dichlorobutane	0.551	0.521	-	5.4	20	89	0
1,1,2,2-Tetrachloroethane	0.393	0.38	-	3.3	20	90	0
4-Ethyltoluene	2.586	2.648	-	-2.4	20	94	0
2-Chlorotoluene	2.04	2.02	-	1	20	93	0
1,3,5-Trimethylbenzene	2.186	2.207	-	-1	20	93	0
1,2,3-Trichloropropane	0.327	0.303	-	7.3	20	86	0
trans-1,4-Dichloro-2-buten	0.104	0.091	-	12.5	20	86	0
4-Chlorotoluene	1.82	1.821	-	-0.1	20	93	0
tert-Butylbenzene	1.281	1.224	-	4.4	20	92	0
1,2,4-Trimethylbenzene	2.141	2.178	-	-1.7	20	94	0
sec-Butylbenzene	2.72	2.792	-	-2.6	20	95	0
p-Isopropyltoluene	2.362	2.393	-	-1.3	20	94	0
1,3-Dichlorobenzene	1.252	1.238	-	1.1	20	92	0

* Value outside of QC limits.



Calibration Verification Summary

Form 7

Volatiles

Client : Hennessy Engineering & Consulting
 Project Name : FORMER ROXY DRY CLEANERS
 Instrument ID : VOA122
 Lab File ID : V22211218N01
 Sample No : WG1585226-2
 Channel :

Lab Number : L2167544
 Project Number :
 Calibration Date : 12/18/21 18:31
 Init. Calib. Date(s) : 12/15/21 12/15/21
 Init. Calib. Times : 18:59 22:36

Compound	Ave. RRF	RRF	Min RRF	%D	Max %D	Area%	Dev(min)
1,4-Dichlorobenzene	1.263	1.233	-	2.4	20	91	0
p-Diethylbenzene	1.337	1.371	-	-2.5	20	96	0
n-Butylbenzene	1.872	1.927	-	-2.9	20	96	0
1,2-Dichlorobenzene	1.119	1.084	-	3.1	20	89	0
1,2,4,5-Tetramethylbenzene	1.886	1.815	-	3.8	20	90	0
1,2-Dibromo-3-chloropropan	10	8.017	-	19.8	20	84	0
1,3,5-Trichlorobenzene	0.753	0.726	-	3.6	20	90	0
Hexachlorobutadiene	0.253	0.248	-	2	20	93	0
1,2,4-Trichlorobenzene	0.654	0.614	-	6.1	20	89	0
Naphthalene	1.356	1.249	-	7.9	20	84	0
1,2,3-Trichlorobenzene	0.542	0.499	-	7.9	20	85	0

* Value outside of QC limits.



Calibration Verification Summary

Form 7

Volatiles

Client : Hennessy Engineering & Consulting
 Project Name : FORMER ROXY DRY CLEANERS
 Instrument ID : ELAINE
 Lab File ID : VE211219A01
 Sample No : WG1585676-2
 Channel :

Lab Number : L2167544
 Project Number :
 Calibration Date : 12/19/21 07:23
 Init. Calib. Date(s) : 12/16/21 12/17/21
 Init. Calib. Times : 23:35 02:39

Compound	Ave. RRF	RRF	Min RRF	%D	Max %D	Area%	Dev(min)
Fluorobenzene	1	1	-	0	20	90	0
Dichlorodifluoromethane	0.205	0.193	-	5.9	20	80	0
Chloromethane	0.327	0.315	-	3.7	20	85	0
Vinyl chloride	0.287	0.271	-	5.6	20	84	0
Bromomethane	0.108	0.083	-	23.1*	20	74	0
Chloroethane	0.131	0.131	-	0	20	91	0
Trichlorofluoromethane	0.308	0.276	-	10.4	20	80	0
Ethyl ether	0.101	0.084	-	16.8	20	73	0
1,1-Dichloroethene	0.152	0.147	-	3.3	20	83	0
Carbon disulfide	0.423	0.437	-	-3.3	20	93	0
Freon-113	0.154	0.157	-	-1.9	20	86	0
Acrolein	10	16.207	-	-62.1*	20	131	0
Methylene chloride	0.2	0.18	-	10	20	82	0
Acetone	0.044	0.032	-	27.3*	20	69	0
trans-1,2-Dichloroethene	0.178	0.168	-	5.6	20	87	0
Methyl acetate	0.111	0.1	-	9.9	20	86	0
Methyl tert-butyl ether	0.531	0.443	-	16.6	20	78	0
tert-Butyl alcohol	0.017	0.011	-	35.3*	20	57	0
Diisopropyl ether	0.847	0.781	-	7.8	20	88	0
1,1-Dichloroethane	0.484	0.462	-	4.5	20	85	0
Halothane	0.126	0.116	-	7.9	20	82	0
Acrylonitrile	0.08	0.067	-	16.2	20	84	0
Ethyl tert-butyl ether	0.849	0.753	-	11.3	20	86	0
Vinyl acetate	0.274	0.388	-	-41.6*	20	158	0
cis-1,2-Dichloroethene	0.205	0.185*	-	9.8	20	90	0
2,2-Dichloropropane	0.295	0.317	-	-7.5	20	98	0
Bromochloromethane	0.085	0.078*	-	8.2	20	79	0
Cyclohexane	0.515	0.487	-	5.4	20	87	0
Chloroform	0.375	0.344	-	8.3	20	84	0
Ethyl acetate	0.137	0.118	-	13.9	20	71	0
Carbon tetrachloride	0.263	0.241	-	8.4	20	78	0
Tetrahydrofuran	0.05	0.039	-	22*	20	73	0
Dibromofluoromethane	0.245	0.233	-	4.9	20	89	0
1,1,1-Trichloroethane	0.328	0.306	-	6.7	20	83	0
2-Butanone	0.067	0.051	-	23.9*	20	75	0
1,1-Dichloropropene	0.259	0.251	-	3.1	20	93	0
Benzene	0.764	0.737	-	3.5	20	85	0
tert-Amyl methyl ether	0.538	0.432	-	19.7	20	74	0
1,2-Dichloroethane-d4	0.38	0.354	-	6.8	20	84	0
1,2-Dichloroethane	0.328	0.29	-	11.6	20	82	0
Methyl cyclohexane	0.305	0.312	-	-2.3	20	92	0
Trichloroethene	0.195	0.166*	-	14.9	20	73	0
Dibromomethane	0.097	0.085	-	12.4	20	77	0

* Value outside of QC limits.



Calibration Verification Summary

Form 7

Volatiles

Client : Hennessy Engineering & Consulting
 Project Name : FORMER ROXY DRY CLEANERS
 Instrument ID : ELAINE
 Lab File ID : VE211219A01
 Sample No : WG1585676-2
 Channel :

Lab Number : L2167544
 Project Number :
 Calibration Date : 12/19/21 07:23
 Init. Calib. Date(s) : 12/16/21 12/17/21
 Init. Calib. Times : 23:35 02:39

Compound	Ave. RRF	RRF	Min RRF	%D	Max %D	Area%	Dev(min)
1,2-Dichloropropane	0.266	0.238	-	10.5	20	79	0
Bromodichloromethane	0.296	0.252*	-	14.9	20	82	0
1,4-Dioxane	0.00105	0.0011*	-	-4.8	20	92	0
cis-1,3-Dichloropropene	0.308	0.287*	-	6.8	20	87	0
Chlorobenzene-d5	1	1	-	0	20	83	0
Toluene-d8	1.428	1.471	-	-3	20	87	0
Toluene	0.672	0.681	-	-1.3	20	84	0
4-Methyl-2-pentanone	0.115	0.089	-	22.6*	20	63	0
Tetrachloroethene	0.263	0.264	-	-0.4	20	83	0
trans-1,3-Dichloropropene	0.414	0.386	-	6.8	20	80	0
Ethyl methacrylate	0.328	0.268	-	18.3	20	73	0
1,1,2-Trichloroethane	0.183	0.163*	-	10.9	20	79	0
Chlorodibromomethane	0.252	0.21	-	16.7	20	72	0
1,3-Dichloropropane	0.412	0.373	-	9.5	20	78	0
1,2-Dibromoethane	0.229	0.206	-	10	20	78	0
2-Hexanone	0.16	0.133	-	16.9	20	68	0
Chlorobenzene	0.683	0.661	-	3.2	20	82	0
Ethylbenzene	1.26	1.296	-	-2.9	20	85	0
1,1,1,2-Tetrachloroethane	0.264	0.243	-	8	20	80	0
p/m Xylene	0.485	0.514	-	-6	20	83	0
o Xylene	0.474	0.486	-	-2.5	20	81	0
Styrene	0.762	0.799	-	-4.9	20	84	0
1,4-Dichlorobenzene-d4	1	1	-	0	20	84	0
Bromoform	0.309	0.226	-	26.9*	20	67	0
Isopropylbenzene	2.528	2.509	-	0.8	20	82	0
4-Bromofluorobenzene	1.162	1.126	-	3.1	20	84	0
Bromobenzene	0.541	0.494	-	8.7	20	78	0
n-Propylbenzene	2.848	2.921	-	-2.6	20	87	0
1,4-Dichlorobutane	1.255	1.143	-	8.9	20	78	0
1,1,2,2-Tetrachloroethane	0.475	0.445	-	6.3	20	85	0
4-Ethyltoluene	2.486	2.391	-	3.8	20	83	0
2-Chlorotoluene	2.142	2.107	-	1.6	20	83	0
1,3,5-Trimethylbenzene	2.161	2.121	-	1.9	20	83	0
1,2,3-Trichloropropane	0.422	0.359	-	14.9	20	70	0
trans-1,4-Dichloro-2-buten	0.22	0.197	-	10.5	20	80	0
4-Chlorotoluene	1.935	1.926	-	0.5	20	85	0
tert-Butylbenzene	1.696	1.557	-	8.2	20	82	0
1,2,4-Trimethylbenzene	2.131	2.044	-	4.1	20	82	0
sec-Butylbenzene	2.563	2.516	-	1.8	20	81	0
p-Isopropyltoluene	2.027	1.901	-	6.2	20	78	0
1,3-Dichlorobenzene	1.02	0.931	-	8.7	20	77	0
1,4-Dichlorobenzene	1.002	0.922	-	8	20	80	0
p-Diethylbenzene	1.175	1.095	-	6.8	20	79	0

* Value outside of QC limits.



Calibration Verification Summary

Form 7

Volatiles

Client : Hennessy Engineering & Consulting
 Project Name : FORMER ROXY DRY CLEANERS
 Instrument ID : ELAINE
 Lab File ID : VE211219A01
 Sample No : WG1585676-2
 Channel :

Lab Number : L2167544
 Project Number :
 Calibration Date : 12/19/21 07:23
 Init. Calib. Date(s) : 12/16/21 12/17/21
 Init. Calib. Times : 23:35 02:39

Compound	Ave. RRF	RRF	Min RRF	%D	Max %D	Area%	Dev(min)
n-Butylbenzene	1.854	1.788	-	3.6	20	84	0
1,2-Dichlorobenzene	0.948	0.86	-	9.3	20	78	0
1,2,4,5-Tetramethylbenzene	1.952	1.766	-	9.5	20	79	0
1,2-Dibromo-3-chloropropan	0.077	0.048	-	37.7*	20	56	0
1,3,5-Trichlorobenzene	0.728	0.634	-	12.9	20	79	0
Hexachlorobutadiene	0.331	0.263	-	20.5*	20	77	0
1,2,4-Trichlorobenzene	0.668	0.607	-	9.1	20	83	0
Naphthalene	1.533	1.25	-	18.5	20	72	0
1,2,3-Trichlorobenzene	0.627	0.512	-	18.3	20	71	0

* Value outside of QC limits.



Calibration Verification Summary

Form 7

Volatiles

Client : Hennessy Engineering & Consulting
 Project Name : FORMER ROXY DRY CLEANERS
 Instrument ID : VOA105
 Lab File ID : V05211220A01
 Sample No : WG1586166-2
 Channel :

Lab Number : L2167544
 Project Number :
 Calibration Date : 12/20/21 06:31
 Init. Calib. Date(s) : 10/07/21 10/07/21
 Init. Calib. Times : 19:35 23:04

Compound	Ave. RRF	RRF	Min RRF	%D	Max %D	Area%	Dev(min)
Fluorobenzene	1	1	-	0	20	95	0
Dichlorodifluoromethane	0.271	0.313	-	-15.5	20	108	0
Chloromethane	0.35	0.456	-	-30.3*	20	123	0
Vinyl chloride	0.286	0.394	-	-37.8*	20	123	0
Bromomethane	0.141	0.121	-	14.2	20	91	0
Chloroethane	0.165	0.223	-	-35.2*	20	124	0
Trichlorofluoromethane	0.341	0.401	-	-17.6	20	108	0
Ethyl ether	0.089	0.093	-	-4.5	20	101	-.01
1,1-Dichloroethene	0.204	0.244	-	-19.6	20	108	0
Carbon disulfide	0.593	0.715	-	-20.6*	20	112	0
Freon-113	0.215	0.253	-	-17.7	20	107	0
Iodomethane	0.29	0.111	-	61.7*	20	34	0
Acrolein	0.026	0.026	-	0	20	95	0
Methylene chloride	0.24	0.253	-	-5.4	20	102	0
Acetone	0.043	0.036	-	16.3	20	77	.01
trans-1,2-Dichloroethene	0.234	0.254	-	-8.5	20	101	0
Methyl acetate	0.109	0.099	-	9.2	20	93	0
Methyl tert-butyl ether	0.449	0.367	-	18.3	20	77	0
tert-Butyl alcohol	0.01081	0.00691*	-	36.1*	20	60	-.01
Diisopropyl ether	0.799	0.853	-	-6.8	20	102	0
1,1-Dichloroethane	0.469	0.572	-	-22*	20	111	0
Halothane	0.18	0.194	-	-7.8	20	98	0
Acrylonitrile	0.058	0.063	-	-8.6	20	99	0
Ethyl tert-butyl ether	0.67	0.579	-	13.6	20	83	0
Vinyl acetate	0.482	0.409	-	15.1	20	93	0
cis-1,2-Dichloroethene	0.263	0.274	-	-4.2	20	99	0
2,2-Dichloropropane	0.376	0.366	-	2.7	20	92	-.01
Bromochloromethane	0.114	0.12	-	-5.3	20	96	0
Cyclohexane	0.482	0.661	-	-37.1*	20	128	-.01
Chloroform	0.42	0.439	-	-4.5	20	99	0
Ethyl acetate	0.148	0.124	-	16.2	20	80	0
Carbon tetrachloride	0.35	0.335	-	4.3	20	88	0
Tetrahydrofuran	0.048	0.045	-	6.3	20	95	0
Dibromofluoromethane	0.271	0.283	-	-4.4	20	99	0
1,1,1-Trichloroethane	0.39	0.397	-	-1.8	20	94	-.01
2-Butanone	0.064	0.057	-	10.9	20	87	0
1,1-Dichloropropene	0.311	0.335	-	-7.7	20	100	0
Benzene	0.876	0.916	-	-4.6	20	97	0
tert-Amyl methyl ether	0.494	0.343	-	30.6*	20	67	0
1,2-Dichloroethane-d4	0.312	0.329	-	-5.4	20	97	0
1,2-Dichloroethane	0.31	0.324	-	-4.5	20	98	-.01
Methyl cyclohexane	0.419	0.425	-	-1.4	20	99	0
Trichloroethene	0.238	0.24	-	-0.8	20	94	0

* Value outside of QC limits.



Calibration Verification Summary

Form 7

Volatiles

Client : Hennessy Engineering & Consulting
 Project Name : FORMER ROXY DRY CLEANERS
 Instrument ID : VOA105
 Lab File ID : V05211220A01
 Sample No : WG1586166-2
 Channel :

Lab Number : L2167544
 Project Number :
 Calibration Date : 12/20/21 06:31
 Init. Calib. Date(s) : 10/07/21 10/07/21
 Init. Calib. Times : 19:35 23:04

Compound	Ave. RRF	RRF	Min RRF	%D	Max %D	Area%	Dev(min)
Dibromomethane	0.127	0.114	-	10.2	20	86	0
1,2-Dichloropropane	0.246	0.277	-	-12.6	20	104	0
Bromodichloromethane	0.32	0.3	-	6.3	20	90	0
1,4-Dioxane	0.00085	0.00086*	-	-1.2	20	96	0
cis-1,3-Dichloropropene	0.355	0.311	-	12.4	20	83	0
Chlorobenzene-d5	1	1	-	0	20	95	0
Toluene-d8	1.235	1.285	-	-4	20	97	-.01
Toluene	0.717	0.756	-	-5.4	20	98	0
4-Methyl-2-pentanone	0.073	0.056	-	23.3*	20	71	0
Tetrachloroethene	0.333	0.34	-	-2.1	20	93	0
trans-1,3-Dichloropropene	0.383	0.308	-	19.6	20	76	0
Ethyl methacrylate	0.26	0.202	-	22.3*	20	71	0
1,1,2-Trichloroethane	0.183	0.16*	-	12.6	20	86	0
Chlorodibromomethane	0.272	0.236	-	13.2	20	83	0
1,3-Dichloropropane	0.392	0.361	-	7.9	20	85	0
1,2-Dibromoethane	0.233	0.199*	-	14.6	20	80	0
2-Hexanone	0.124	0.101	-	18.5	20	74	0
Chlorobenzene	0.785	0.832	-	-6	20	98	0
Ethylbenzene	1.426	1.517	-	-6.4	20	99	0
1,1,1,2-Tetrachloroethane	0.297	0.257	-	13.5	20	82	0
p/m Xylene	0.551	0.577	-	-4.7	20	95	0
o Xylene	0.523	0.542	-	-3.6	20	94	0
Styrene	0.863	0.878	-	-1.7	20	92	0
1,4-Dichlorobenzene-d4	1	1	-	0	20	93	-.01
Bromoform	0.291	0.223	-	23.4*	20	73	0
Isopropylbenzene	2.619	2.806	-	-7.1	20	97	0
4-Bromofluorobenzene	0.908	0.899	-	1	20	91	0
Bromobenzene	0.603	0.595	-	1.3	20	90	0
n-Propylbenzene	3.104	3.395	-	-9.4	20	98	0
1,4-Dichlorobutane	0.772	0.854	-	-10.6	20	104	0
1,1,2,2-Tetrachloroethane	0.432	0.369	-	14.6	20	86	0
4-Ethyltoluene	2.59	2.712	-	-4.7	20	94	0
2-Chlorotoluene	1.806	1.929	-	-6.8	20	99	0
1,3,5-Trimethylbenzene	2.28	2.223	-	2.5	20	88	0
1,2,3-Trichloropropane	0.344	0.29	-	15.7	20	81	0
trans-1,4-Dichloro-2-buten	0.14	0.128	-	8.6	20	96	0
4-Chlorotoluene	1.91	1.973	-	-3.3	20	94	0
tert-Butylbenzene	1.962	1.984	-	-1.1	20	92	0
1,2,4-Trimethylbenzene	2.231	2.156	-	3.4	20	88	0
sec-Butylbenzene	2.871	2.984	-	-3.9	20	94	0
p-Isopropyltoluene	2.513	2.497	-	0.6	20	89	0
1,3-Dichlorobenzene	1.215	1.194	-	1.7	20	91	0
1,4-Dichlorobenzene	1.211	1.189	-	1.8	20	90	0

* Value outside of QC limits.



Calibration Verification Summary

Form 7

Volatiles

Client : Hennessy Engineering & Consulting
 Project Name : FORMER ROXY DRY CLEANERS
 Instrument ID : VOA105
 Lab File ID : V05211220A01
 Sample No : WG1586166-2
 Channel :

Lab Number : L2167544
 Project Number :
 Calibration Date : 12/20/21 06:31
 Init. Calib. Date(s) : 10/07/21 10/07/21
 Init. Calib. Times : 19:35 23:04

Compound	Ave. RRF	RRF	Min RRF	%D	Max %D	Area%	Dev(min)
p-Diethylbenzene	1.487	1.421	-	4.4	20	87	0
n-Butylbenzene	2.118	2.195	-	-3.6	20	94	0
1,2-Dichlorobenzene	1.093	1.043	-	4.6	20	87	0
1,2,4,5-Tetramethylbenzene	2.125	1.88	-	11.5	20	81	0
1,2-Dibromo-3-chloropropan	0.068	0.045	-	33.8*	20	60	0
1,3,5-Trichlorobenzene	0.805	0.736	-	8.6	20	83	0
Hexachlorobutadiene	0.309	0.279	-	9.7	20	85	0
1,2,4-Trichlorobenzene	0.668	0.541	-	19	20	74	0
Naphthalene	1.317	0.998	-	24.2*	20	71	0
1,2,3-Trichlorobenzene	0.534	0.397*	-	25.7*	20	68	0

* Value outside of QC limits.



Calibration Verification Summary

Form 7

Volatiles

Client : Hennessy Engineering & Consulting
 Project Name : FORMER ROXY DRY CLEANERS
 Instrument ID : VOA105
 Lab File ID : V05211222A01
 Sample No : WG1586757-2
 Channel :

Lab Number : L2167544
 Project Number :
 Calibration Date : 12/22/21 06:57
 Init. Calib. Date(s) : 10/07/21 10/07/21
 Init. Calib. Times : 19:35 23:04

Compound	Ave. RRF	RRF	Min RRF	%D	Max %D	Area%	Dev(min)
Fluorobenzene	1	1	-	0	20	93	0
Dichlorodifluoromethane	0.271	0.277	-	-2.2	20	94	0
Chloromethane	0.35	0.448	-	-28*	20	118	0
Vinyl chloride	0.286	0.37	-	-29.4*	20	113	0
Bromomethane	0.141	0.127	-	9.9	20	93	0
Chloroethane	0.165	0.206	-	-24.8*	20	112	0
Trichlorofluoromethane	0.341	0.365	-	-7	20	96	0
Ethyl ether	0.089	0.098	-	-10.1	20	104	0
1,1-Dichloroethene	0.204	0.23	-	-12.7	20	99	0
Carbon disulfide	0.593	0.669	-	-12.8	20	102	0
Freon-113	0.215	0.231	-	-7.4	20	95	0
Acrolein	0.026	0.028	-	-7.7	20	101	0
Methylene chloride	0.24	0.244	-	-1.7	20	96	0
Acetone	0.043	0.044	-	-2.3	20	92	.01
trans-1,2-Dichloroethene	0.234	0.243	-	-3.8	20	94	0
Methyl acetate	0.109	0.111	-	-1.8	20	101	0
Methyl tert-butyl ether	0.449	0.406	-	9.6	20	83	0
tert-Butyl alcohol	0.01081	0.00807*	-	25.3*	20	68	0
Diisopropyl ether	0.799	0.93	-	-16.4	20	108	0
1,1-Dichloroethane	0.469	0.549	-	-17.1	20	103	0
Halothane	0.18	0.185	-	-2.8	20	91	0
Acrylonitrile	0.058	0.067	-	-15.5	20	103	0
Ethyl tert-butyl ether	0.67	0.636	-	5.1	20	89	0
Vinyl acetate	0.482	0.466	-	3.3	20	103	0
cis-1,2-Dichloroethene	0.263	0.264	-	-0.4	20	93	0
2,2-Dichloropropane	0.376	0.345	-	8.2	20	84	-.01
Bromochloromethane	0.114	0.115	-	-0.9	20	90	0
Cyclohexane	0.482	0.622	-	-29*	20	118	0
Chloroform	0.42	0.424	-	-1	20	93	0
Ethyl acetate	0.148	0.148	-	0	20	93	0
Carbon tetrachloride	0.35	0.311	-	11.1	20	80	0
Tetrahydrofuran	0.048	0.054	-	-12.5	20	110	0
Dibromofluoromethane	0.271	0.28	-	-3.3	20	95	0
1,1,1-Trichloroethane	0.39	0.372	-	4.6	20	86	0
2-Butanone	0.064	0.06	-	6.3	20	90	0
1,1-Dichloropropene	0.311	0.319	-	-2.6	20	93	0
Benzene	0.876	0.906	-	-3.4	20	93	0
tert-Amyl methyl ether	0.494	0.377	-	23.7*	20	72	0
1,2-Dichloroethane-d4	0.312	0.34	-	-9	20	98	0
1,2-Dichloroethane	0.31	0.329	-	-6.1	20	97	0
Methyl cyclohexane	0.419	0.394	-	6	20	89	0
Trichloroethene	0.238	0.233	-	2.1	20	88	0
Dibromomethane	0.127	0.12	-	5.5	20	88	0

* Value outside of QC limits.



Calibration Verification Summary

Form 7

Volatiles

Client : Hennessy Engineering & Consulting
 Project Name : FORMER ROXY DRY CLEANERS
 Instrument ID : VOA105
 Lab File ID : V05211222A01
 Sample No : WG1586757-2
 Channel :

Lab Number : L2167544
 Project Number :
 Calibration Date : 12/22/21 06:57
 Init. Calib. Date(s) : 10/07/21 10/07/21
 Init. Calib. Times : 19:35 23:04

Compound	Ave. RRF	RRF	Min RRF	%D	Max %D	Area%	Dev(min)
1,2-Dichloropropane	0.246	0.278	-	-13	20	102	0
Bromodichloromethane	0.32	0.296*	-	7.5	20	86	0
1,4-Dioxane	0.00085	0.00078*	-	8.2	20	85	0
cis-1,3-Dichloropropene	0.355	0.315	-	11.3	20	82	0
Chlorobenzene-d5	1	1	-	0	20	91	0
Toluene-d8	1.235	1.292	-	-4.6	20	94	-.01
Toluene	0.717	0.738	-	-2.9	20	92	0
4-Methyl-2-pentanone	0.073	0.065	-	11	20	78	0
Tetrachloroethene	0.333	0.327	-	1.8	20	86	0
trans-1,3-Dichloropropene	0.383	0.319	-	16.7	20	76	0
Ethyl methacrylate	0.26	0.22	-	15.4	20	74	0
1,1,2-Trichloroethane	0.183	0.171*	-	6.6	20	88	0
Chlorodibromomethane	0.272	0.247	-	9.2	20	83	0
1,3-Dichloropropane	0.392	0.387	-	1.3	20	87	0
1,2-Dibromoethane	0.233	0.211	-	9.4	20	81	0
2-Hexanone	0.124	0.118	-	4.8	20	83	0
Chlorobenzene	0.785	0.824	-	-5	20	93	0
Ethylbenzene	1.426	1.465	-	-2.7	20	91	0
1,1,1,2-Tetrachloroethane	0.297	0.262	-	11.8	20	80	0
p/m Xylene	0.551	0.554	-	-0.5	20	88	0
o Xylene	0.523	0.525	-	-0.4	20	87	0
Styrene	0.863	0.862	-	0.1	20	87	0
1,4-Dichlorobenzene-d4	1	1	-	0	20	89	-.01
Bromoform	0.291	0.238	-	18.2	20	74	0
Isopropylbenzene	2.619	2.645	-	-1	20	87	0
4-Bromofluorobenzene	0.908	0.902	-	0.7	20	87	0
Bromobenzene	0.603	0.588	-	2.5	20	85	0
n-Propylbenzene	3.104	3.235	-	-4.2	20	90	0
1,4-Dichlorobutane	0.772	0.92	-	-19.2	20	107	0
1,1,2,2-Tetrachloroethane	0.432	0.402	-	6.9	20	89	0
4-Ethyltoluene	2.59	2.579	-	0.4	20	86	0
2-Chlorotoluene	1.806	1.784	-	1.2	20	88	0
1,3,5-Trimethylbenzene	2.28	2.153	-	5.6	20	82	0
1,2,3-Trichloropropane	0.344	0.327	-	4.9	20	87	0
trans-1,4-Dichloro-2-buten	0.14	0.137	-	2.1	20	99	0
4-Chlorotoluene	1.91	1.916	-	-0.3	20	88	0
tert-Butylbenzene	1.962	1.855	-	5.5	20	83	0
1,2,4-Trimethylbenzene	2.231	2.126	-	4.7	20	83	0
sec-Butylbenzene	2.871	2.839	-	1.1	20	86	0
p-Isopropyltoluene	2.513	2.385	-	5.1	20	82	0
1,3-Dichlorobenzene	1.215	1.179	-	3	20	86	0
1,4-Dichlorobenzene	1.211	1.162	-	4	20	84	0
p-Diethylbenzene	1.487	1.37	-	7.9	20	81	0

* Value outside of QC limits.



Calibration Verification Summary

Form 7

Volatiles

Client : Hennessy Engineering & Consulting
 Project Name : FORMER ROXY DRY CLEANERS
 Instrument ID : VOA105
 Lab File ID : V05211222A01
 Sample No : WG1586757-2
 Channel :

Lab Number : L2167544
 Project Number :
 Calibration Date : 12/22/21 06:57
 Init. Calib. Date(s) : 10/07/21 10/07/21
 Init. Calib. Times : 19:35 23:04

Compound	Ave. RRF	RRF	Min RRF	%D	Max %D	Area%	Dev(min)
n-Butylbenzene	2.118	2.101	-	0.8	20	87	0
1,2-Dichlorobenzene	1.093	1.045	-	4.4	20	84	0
1,2,4,5-Tetramethylbenzene	2.125	1.862	-	12.4	20	77	0
1,2-Dibromo-3-chloropropan	0.068	0.051	-	25*	20	65	0
1,3,5-Trichlorobenzene	0.805	0.727	-	9.7	20	79	0
Hexachlorobutadiene	0.309	0.265	-	14.2	20	78	0
1,2,4-Trichlorobenzene	0.668	0.565	-	15.4	20	75	.01
Naphthalene	1.317	1.074	-	18.5	20	73	0
1,2,3-Trichlorobenzene	0.534	0.446	-	16.5	20	74	0

* Value outside of QC limits.



Field Duplicate Calculation Section

Volatiles

Calculations for Field Duplicate Relative Percent Difference (RPD)

SDG No. L2167544

S1= MW-1

S2= DUP

<u>Analyte</u>	<u>S1</u>	<u>S2</u>	<u>RPD (%)</u>	
Tetrachloroethene	4400	4700	7%	
Vinyl chloride	290	380	27%	*
1,1-Dichloroethene	ND	4.2	NC	
trans-1,2-Dichloroethene	ND	22	NC	
Trichloroethene	1600	1800	12%	
cis-1,2-Dichloroethene	2200	2200	0%	

* RPD is above the allowable maximum 20%

Results are in units of ug/L.

Bold numbers were values that 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.

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-Dichlorophenylacetic 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.



ANALYTICAL REPORT

Lab Number:	L2167544
Client:	Hennessy Engineering & Consulting PO Box 118 Voorheesville, NY 12186
ATTN:	William Hennessy
Phone:	(518) 475-1670
Project Name:	FORMER ROXY DRY CLEANERS
Project Number:	Not Specified
Report Date:	12/23/21

The original project report/data package is held by Alpha Analytical. This report/data package is paginated and should be reproduced only in its entirety. Alpha Analytical holds no responsibility for results and/or data that are not consistent with the original.

Certifications & Approvals: MA (M-MA086), NH NELAP (2064), CT (PH-0574), IL (200077), ME (MA00086), MD (348), NJ (MA935), NY (11148), NC (25700/666), PA (68-03671), RI (LAO00065), TX (T104704476), VT (VT-0935), VA (460195), USDA (Permit #P330-17-00196).

Eight Walkup Drive, Westborough, MA 01581-1019
508-898-9220 (Fax) 508-898-9193 800-624-9220 - www.alphalab.com



Project Name: FORMER ROXY DRY CLEANERS
Project Number: Not Specified

Lab Number: L2167544
Report Date: 12/23/21

Alpha Sample ID	Client ID	Matrix	Sample Location	Collection Date/Time	Receive Date
L2167544-01	MW-1	WATER	DELMAR	12/08/21 11:00	12/08/21
L2167544-02	MW-2R	WATER	DELMAR	12/08/21 10:15	12/08/21
L2167544-03	MW-2DR	WATER	DELMAR	12/08/21 10:00	12/08/21
L2167544-04	MW-3	WATER	DELMAR	12/08/21 11:40	12/08/21
L2167544-05	MW-4	WATER	DELMAR	12/08/21 09:40	12/08/21
L2167544-06	MW-5	WATER	DELMAR	12/08/21 13:00	12/08/21
L2167544-07	MW-6	WATER	DELMAR	12/08/21 11:15	12/08/21
L2167544-08	DUP	WATER	DELMAR	12/08/21 11:00	12/08/21
L2167544-09	FB-20211208	WATER	DELMAR	12/08/21 11:00	12/08/21
L2167544-10	TB-20211208	WATER	DELMAR	12/08/21 11:00	12/08/21

Project Name: FORMER ROXY DRY CLEANERS
Project Number: Not Specified

Lab Number: L2167544
Report Date: 12/23/21

Case Narrative

The samples were received in accordance with the Chain of Custody and no significant deviations were encountered during the preparation or analysis unless otherwise noted. Sample Receipt, Container Information, and the Chain of Custody are located at the back of the report.

Results contained within this report relate only to the samples submitted under this Alpha Lab Number and meet NELAP requirements for all NELAP accredited parameters unless otherwise noted in the following narrative. The data presented in this report is organized by parameter (i.e. VOC, SVOC, etc.). Sample specific Quality Control data (i.e. Surrogate Spike Recovery) is reported at the end of the target analyte list for each individual sample, followed by the Laboratory Batch Quality Control at the end of each parameter. Tentatively Identified Compounds (TICs), if requested, are reported for compounds identified to be present and are not part of the method/program Target Compound List, even if only a subset of the TCL are being reported. If a sample was re-analyzed or re-extracted due to a required quality control corrective action and if both sets of data are reported, the Laboratory ID of the re-analysis or re-extraction is designated with an "R" or "RE", respectively.

When multiple Batch Quality Control elements are reported (e.g. more than one LCS), the associated samples for each element are noted in the grey shaded header line of each data table. Any Laboratory Batch, Sample Specific % recovery or RPD value that is outside the listed Acceptance Criteria is bolded in the report. In reference to questions H (CAM) or 4 (RCP) when "NO" is checked, the performance criteria for CAM and RCP methods allow for some quality control failures to occur and still be within method compliance. In these instances, the specific failure is not narrated but noted in the associated QC Outlier Summary Report, located directly after the Case Narrative. QC information is also incorporated in the Data Usability Assessment table (Format 11) of our Data Merger tool, where it can be reviewed in conjunction with the sample result, associated regulatory criteria and any associated data usability implications.

Soil/sediments, solids and tissues are reported on a dry weight basis unless otherwise noted. Definitions of all data qualifiers and acronyms used in this report are provided in the Glossary located at the back of the report.

HOLD POLICY - For samples submitted on hold, Alpha's policy is to hold samples (with the exception of Air canisters) free of charge for 21 calendar days from the date the project is completed. After 21 calendar days, we will dispose of all samples submitted including those put on hold unless you have contacted your Alpha Project Manager and made arrangements for Alpha to continue to hold the samples. Air canisters will be disposed after 3 business days from the date the project is completed.

Please contact Project Management at 800-624-9220 with any questions.

Project Name: FORMER ROXY DRY CLEANERS
Project Number: Not Specified

Lab Number: L2167544
Report Date: 12/23/21

Case Narrative (continued)

Report Submission

All non-detect (ND) or estimated concentrations (J-qualified) have been quantitated to the limit noted in the MDL column.

Sample Receipt

L2167544-08: A sample identified as "DUP" was received, but not listed on the Chain of Custody. At the client's request, this sample was analyzed.

L2167544-09: A sample identified as "FB-20211208" was received, but not listed on the Chain of Custody. At the client's request, this sample was analyzed.

L2167544-10: A sample identified as "TB-20211208" was received, but not listed on the Chain of Custody. At the client's request, this sample was analyzed.

Volatile Organics

L2167544-08D: The sample was received in the proper acid-preserved containers; however, upon analysis, the pH was determined to be greater than 2, and thus the method required holding time was exceeded.

I, the undersigned, attest under the pains and penalties of perjury that, to the best of my knowledge and belief and based upon my personal inquiry of those responsible for providing the information contained in this analytical report, such information is accurate and complete. This certificate of analysis is not complete unless this page accompanies any and all pages of this report.

Authorized Signature:



Caitlin Walukevich

Title: Technical Director/Representative

Date: 12/23/21

ORGANICS

VOLATILES

Project Name: FORMER ROXY DRY CLEANERS**Lab Number:** L2167544**Project Number:** Not Specified**Report Date:** 12/23/21**SAMPLE RESULTS**

Lab ID: L2167544-01 D

Date Collected: 12/08/21 11:00

Client ID: MW-1

Date Received: 12/08/21

Sample Location: DELMAR

Field Prep: Not Specified

Sample Depth:

Matrix: Water

Analytical Method: 1,8260C

Analytical Date: 12/18/21 23:44

Analyst: PD

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Methylene chloride	ND		ug/l	120	35.	50
1,1-Dichloroethane	ND		ug/l	120	35.	50
Chloroform	ND		ug/l	120	35.	50
Carbon tetrachloride	ND		ug/l	25	6.7	50
1,2-Dichloropropane	ND		ug/l	50	6.8	50
Dibromochloromethane	ND		ug/l	25	7.4	50
1,1,2-Trichloroethane	ND		ug/l	75	25.	50
Tetrachloroethene	4400		ug/l	25	9.0	50
Chlorobenzene	ND		ug/l	120	35.	50
Trichlorofluoromethane	ND		ug/l	120	35.	50
1,2-Dichloroethane	ND		ug/l	25	6.6	50
1,1,1-Trichloroethane	ND		ug/l	120	35.	50
Bromodichloromethane	ND		ug/l	25	9.6	50
trans-1,3-Dichloropropene	ND		ug/l	25	8.2	50
cis-1,3-Dichloropropene	ND		ug/l	25	7.2	50
Bromoform	ND		ug/l	100	32.	50
1,1,2,2-Tetrachloroethane	ND		ug/l	25	8.4	50
Benzene	ND		ug/l	25	8.0	50
Toluene	ND		ug/l	120	35.	50
Ethylbenzene	ND		ug/l	120	35.	50
Chloromethane	ND		ug/l	120	35.	50
Bromomethane	ND		ug/l	120	35.	50
Vinyl chloride	290		ug/l	50	3.6	50
Chloroethane	ND		ug/l	120	35.	50
1,1-Dichloroethene	ND		ug/l	25	8.4	50
trans-1,2-Dichloroethene	ND		ug/l	120	35.	50
Trichloroethene	1600		ug/l	25	8.8	50
1,2-Dichlorobenzene	ND		ug/l	120	35.	50

Project Name: FORMER ROXY DRY CLEANERS**Lab Number:** L2167544**Project Number:** Not Specified**Report Date:** 12/23/21**SAMPLE RESULTS**

Lab ID: L2167544-01 D

Date Collected: 12/08/21 11:00

Client ID: MW-1

Date Received: 12/08/21

Sample Location: DELMAR

Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
1,3-Dichlorobenzene	ND		ug/l	120	35.	50
1,4-Dichlorobenzene	ND		ug/l	120	35.	50
Methyl tert butyl ether	ND		ug/l	120	35.	50
p/m-Xylene	ND		ug/l	120	35.	50
o-Xylene	ND		ug/l	120	35.	50
cis-1,2-Dichloroethene	2200		ug/l	120	35.	50
Styrene	ND		ug/l	120	35.	50
Dichlorodifluoromethane	ND		ug/l	250	50.	50
Acetone	ND		ug/l	250	73.	50
Carbon disulfide	ND		ug/l	250	50.	50
2-Butanone	ND		ug/l	250	97.	50
4-Methyl-2-pentanone	ND		ug/l	250	50.	50
2-Hexanone	ND		ug/l	250	50.	50
Bromochloromethane	ND		ug/l	120	35.	50
1,2-Dibromoethane	ND		ug/l	100	32.	50
1,2-Dibromo-3-chloropropane	ND		ug/l	120	35.	50
Isopropylbenzene	ND		ug/l	120	35.	50
1,2,3-Trichlorobenzene	ND		ug/l	120	35.	50
1,2,4-Trichlorobenzene	ND		ug/l	120	35.	50
Methyl Acetate	ND		ug/l	100	12.	50
Cyclohexane	ND		ug/l	500	14.	50
1,4-Dioxane	ND		ug/l	12000	3000	50
Freon-113	ND		ug/l	120	35.	50
Methyl cyclohexane	ND		ug/l	500	20.	50

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	98		70-130
Toluene-d8	101		70-130
4-Bromofluorobenzene	101		70-130
Dibromofluoromethane	97		70-130

Project Name: FORMER ROXY DRY CLEANERS**Lab Number:** L2167544**Project Number:** Not Specified**Report Date:** 12/23/21**SAMPLE RESULTS**

Lab ID: L2167544-02

Date Collected: 12/08/21 10:15

Client ID: MW-2R

Date Received: 12/08/21

Sample Location: DELMAR

Field Prep: Not Specified

Sample Depth:

Matrix: Water

Analytical Method: 1,8260C

Analytical Date: 12/18/21 21:19

Analyst: PD

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Methylene chloride	ND		ug/l	2.5	0.70	1
1,1-Dichloroethane	ND		ug/l	2.5	0.70	1
Chloroform	ND		ug/l	2.5	0.70	1
Carbon tetrachloride	ND		ug/l	0.50	0.13	1
1,2-Dichloropropane	ND		ug/l	1.0	0.14	1
Dibromochloromethane	ND		ug/l	0.50	0.15	1
1,1,2-Trichloroethane	ND		ug/l	1.5	0.50	1
Tetrachloroethene	ND		ug/l	0.50	0.18	1
Chlorobenzene	ND		ug/l	2.5	0.70	1
Trichlorofluoromethane	ND		ug/l	2.5	0.70	1
1,2-Dichloroethane	ND		ug/l	0.50	0.13	1
1,1,1-Trichloroethane	ND		ug/l	2.5	0.70	1
Bromodichloromethane	ND		ug/l	0.50	0.19	1
trans-1,3-Dichloropropene	ND		ug/l	0.50	0.16	1
cis-1,3-Dichloropropene	ND		ug/l	0.50	0.14	1
Bromoform	ND		ug/l	2.0	0.65	1
1,1,2,2-Tetrachloroethane	ND		ug/l	0.50	0.17	1
Benzene	0.36	J	ug/l	0.50	0.16	1
Toluene	ND		ug/l	2.5	0.70	1
Ethylbenzene	ND		ug/l	2.5	0.70	1
Chloromethane	ND		ug/l	2.5	0.70	1
Bromomethane	ND		ug/l	2.5	0.70	1
Vinyl chloride	0.08	J	ug/l	1.0	0.07	1
Chloroethane	ND		ug/l	2.5	0.70	1
1,1-Dichloroethene	ND		ug/l	0.50	0.17	1
trans-1,2-Dichloroethene	ND		ug/l	2.5	0.70	1
Trichloroethene	ND		ug/l	0.50	0.18	1
1,2-Dichlorobenzene	ND		ug/l	2.5	0.70	1

Project Name: FORMER ROXY DRY CLEANERS**Lab Number:** L2167544**Project Number:** Not Specified**Report Date:** 12/23/21**SAMPLE RESULTS**

Lab ID: L2167544-02

Date Collected: 12/08/21 10:15

Client ID: MW-2R

Date Received: 12/08/21

Sample Location: DELMAR

Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
1,3-Dichlorobenzene	ND		ug/l	2.5	0.70	1
1,4-Dichlorobenzene	ND		ug/l	2.5	0.70	1
Methyl tert butyl ether	ND		ug/l	2.5	0.70	1
p/m-Xylene	ND		ug/l	2.5	0.70	1
o-Xylene	ND		ug/l	2.5	0.70	1
cis-1,2-Dichloroethene	ND		ug/l	2.5	0.70	1
Styrene	ND		ug/l	2.5	0.70	1
Dichlorodifluoromethane	ND		ug/l	5.0	1.0	1
Acetone	ND		ug/l	5.0	1.5	1
Carbon disulfide	ND		ug/l	5.0	1.0	1
2-Butanone	ND		ug/l	5.0	1.9	1
4-Methyl-2-pentanone	ND		ug/l	5.0	1.0	1
2-Hexanone	ND		ug/l	5.0	1.0	1
Bromochloromethane	ND		ug/l	2.5	0.70	1
1,2-Dibromoethane	ND		ug/l	2.0	0.65	1
1,2-Dibromo-3-chloropropane	ND		ug/l	2.5	0.70	1
Isopropylbenzene	ND		ug/l	2.5	0.70	1
1,2,3-Trichlorobenzene	ND		ug/l	2.5	0.70	1
1,2,4-Trichlorobenzene	ND		ug/l	2.5	0.70	1
Methyl Acetate	ND		ug/l	2.0	0.23	1
Cyclohexane	ND		ug/l	10	0.27	1
1,4-Dioxane	ND		ug/l	250	61.	1
Freon-113	ND		ug/l	2.5	0.70	1
Methyl cyclohexane	ND		ug/l	10	0.40	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	107		70-130
Toluene-d8	99		70-130
4-Bromofluorobenzene	100		70-130
Dibromofluoromethane	107		70-130

Project Name: FORMER ROXY DRY CLEANERS**Lab Number:** L2167544**Project Number:** Not Specified**Report Date:** 12/23/21**SAMPLE RESULTS**

Lab ID: L2167544-03

Date Collected: 12/08/21 10:00

Client ID: MW-2DR

Date Received: 12/08/21

Sample Location: DELMAR

Field Prep: Not Specified

Sample Depth:

Matrix: Water

Analytical Method: 1,8260C

Analytical Date: 12/18/21 21:43

Analyst: PD

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Methylene chloride	ND		ug/l	2.5	0.70	1
1,1-Dichloroethane	ND		ug/l	2.5	0.70	1
Chloroform	ND		ug/l	2.5	0.70	1
Carbon tetrachloride	ND		ug/l	0.50	0.13	1
1,2-Dichloropropane	ND		ug/l	1.0	0.14	1
Dibromochloromethane	ND		ug/l	0.50	0.15	1
1,1,2-Trichloroethane	ND		ug/l	1.5	0.50	1
Tetrachloroethene	0.37	J	ug/l	0.50	0.18	1
Chlorobenzene	ND		ug/l	2.5	0.70	1
Trichlorofluoromethane	ND		ug/l	2.5	0.70	1
1,2-Dichloroethane	ND		ug/l	0.50	0.13	1
1,1,1-Trichloroethane	ND		ug/l	2.5	0.70	1
Bromodichloromethane	ND		ug/l	0.50	0.19	1
trans-1,3-Dichloropropene	ND		ug/l	0.50	0.16	1
cis-1,3-Dichloropropene	ND		ug/l	0.50	0.14	1
Bromoform	ND		ug/l	2.0	0.65	1
1,1,2,2-Tetrachloroethane	ND		ug/l	0.50	0.17	1
Benzene	ND		ug/l	0.50	0.16	1
Toluene	ND		ug/l	2.5	0.70	1
Ethylbenzene	ND		ug/l	2.5	0.70	1
Chloromethane	ND		ug/l	2.5	0.70	1
Bromomethane	ND		ug/l	2.5	0.70	1
Vinyl chloride	ND		ug/l	1.0	0.07	1
Chloroethane	ND		ug/l	2.5	0.70	1
1,1-Dichloroethene	ND		ug/l	0.50	0.17	1
trans-1,2-Dichloroethene	ND		ug/l	2.5	0.70	1
Trichloroethene	ND		ug/l	0.50	0.18	1
1,2-Dichlorobenzene	ND		ug/l	2.5	0.70	1

Project Name: FORMER ROXY DRY CLEANERS**Lab Number:** L2167544**Project Number:** Not Specified**Report Date:** 12/23/21**SAMPLE RESULTS**

Lab ID: L2167544-03

Date Collected: 12/08/21 10:00

Client ID: MW-2DR

Date Received: 12/08/21

Sample Location: DELMAR

Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
1,3-Dichlorobenzene	ND		ug/l	2.5	0.70	1
1,4-Dichlorobenzene	ND		ug/l	2.5	0.70	1
Methyl tert butyl ether	ND		ug/l	2.5	0.70	1
p/m-Xylene	ND		ug/l	2.5	0.70	1
o-Xylene	ND		ug/l	2.5	0.70	1
cis-1,2-Dichloroethene	ND		ug/l	2.5	0.70	1
Styrene	ND		ug/l	2.5	0.70	1
Dichlorodifluoromethane	ND		ug/l	5.0	1.0	1
Acetone	ND		ug/l	5.0	1.5	1
Carbon disulfide	ND		ug/l	5.0	1.0	1
2-Butanone	ND		ug/l	5.0	1.9	1
4-Methyl-2-pentanone	ND		ug/l	5.0	1.0	1
2-Hexanone	ND		ug/l	5.0	1.0	1
Bromochloromethane	ND		ug/l	2.5	0.70	1
1,2-Dibromoethane	ND		ug/l	2.0	0.65	1
1,2-Dibromo-3-chloropropane	ND		ug/l	2.5	0.70	1
Isopropylbenzene	ND		ug/l	2.5	0.70	1
1,2,3-Trichlorobenzene	ND		ug/l	2.5	0.70	1
1,2,4-Trichlorobenzene	ND		ug/l	2.5	0.70	1
Methyl Acetate	ND		ug/l	2.0	0.23	1
Cyclohexane	ND		ug/l	10	0.27	1
1,4-Dioxane	ND		ug/l	250	61.	1
Freon-113	ND		ug/l	2.5	0.70	1
Methyl cyclohexane	ND		ug/l	10	0.40	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	106		70-130
Toluene-d8	99		70-130
4-Bromofluorobenzene	102		70-130
Dibromofluoromethane	108		70-130

Project Name: FORMER ROXY DRY CLEANERS**Lab Number:** L2167544**Project Number:** Not Specified**Report Date:** 12/23/21**SAMPLE RESULTS**

Lab ID: L2167544-04 D

Date Collected: 12/08/21 11:40

Client ID: MW-3

Date Received: 12/08/21

Sample Location: DELMAR

Field Prep: Not Specified

Sample Depth:

Matrix: Water

Analytical Method: 1,8260C

Analytical Date: 12/18/21 23:20

Analyst: PD

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Methylene chloride	ND		ug/l	25	7.0	10
1,1-Dichloroethane	ND		ug/l	25	7.0	10
Chloroform	ND		ug/l	25	7.0	10
Carbon tetrachloride	ND		ug/l	5.0	1.3	10
1,2-Dichloropropane	ND		ug/l	10	1.4	10
Dibromochloromethane	ND		ug/l	5.0	1.5	10
1,1,2-Trichloroethane	ND		ug/l	15	5.0	10
Tetrachloroethene	180		ug/l	5.0	1.8	10
Chlorobenzene	ND		ug/l	25	7.0	10
Trichlorofluoromethane	ND		ug/l	25	7.0	10
1,2-Dichloroethane	ND		ug/l	5.0	1.3	10
1,1,1-Trichloroethane	ND		ug/l	25	7.0	10
Bromodichloromethane	ND		ug/l	5.0	1.9	10
trans-1,3-Dichloropropene	ND		ug/l	5.0	1.6	10
cis-1,3-Dichloropropene	ND		ug/l	5.0	1.4	10
Bromoform	ND		ug/l	20	6.5	10
1,1,2,2-Tetrachloroethane	ND		ug/l	5.0	1.7	10
Benzene	ND		ug/l	5.0	1.6	10
Toluene	ND		ug/l	25	7.0	10
Ethylbenzene	ND		ug/l	25	7.0	10
Chloromethane	ND		ug/l	25	7.0	10
Bromomethane	ND		ug/l	25	7.0	10
Vinyl chloride	320		ug/l	10	0.71	10
Chloroethane	ND		ug/l	25	7.0	10
1,1-Dichloroethene	2.4	J	ug/l	5.0	1.7	10
trans-1,2-Dichloroethene	10	J	ug/l	25	7.0	10
Trichloroethene	190		ug/l	5.0	1.8	10
1,2-Dichlorobenzene	ND		ug/l	25	7.0	10

Project Name: FORMER ROXY DRY CLEANERS**Lab Number:** L2167544**Project Number:** Not Specified**Report Date:** 12/23/21**SAMPLE RESULTS**

Lab ID: L2167544-04 D

Date Collected: 12/08/21 11:40

Client ID: MW-3

Date Received: 12/08/21

Sample Location: DELMAR

Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
1,3-Dichlorobenzene	ND		ug/l	25	7.0	10
1,4-Dichlorobenzene	ND		ug/l	25	7.0	10
Methyl tert butyl ether	ND		ug/l	25	7.0	10
p/m-Xylene	ND		ug/l	25	7.0	10
o-Xylene	ND		ug/l	25	7.0	10
cis-1,2-Dichloroethene	880		ug/l	25	7.0	10
Styrene	ND		ug/l	25	7.0	10
Dichlorodifluoromethane	ND		ug/l	50	10.	10
Acetone	ND		ug/l	50	15.	10
Carbon disulfide	ND		ug/l	50	10.	10
2-Butanone	ND		ug/l	50	19.	10
4-Methyl-2-pentanone	ND		ug/l	50	10.	10
2-Hexanone	ND		ug/l	50	10.	10
Bromochloromethane	ND		ug/l	25	7.0	10
1,2-Dibromoethane	ND		ug/l	20	6.5	10
1,2-Dibromo-3-chloropropane	ND		ug/l	25	7.0	10
Isopropylbenzene	ND		ug/l	25	7.0	10
1,2,3-Trichlorobenzene	ND		ug/l	25	7.0	10
1,2,4-Trichlorobenzene	ND		ug/l	25	7.0	10
Methyl Acetate	ND		ug/l	20	2.3	10
Cyclohexane	ND		ug/l	100	2.7	10
1,4-Dioxane	ND		ug/l	2500	610	10
Freon-113	ND		ug/l	25	7.0	10
Methyl cyclohexane	ND		ug/l	100	4.0	10

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	103		70-130
Toluene-d8	98		70-130
4-Bromofluorobenzene	103		70-130
Dibromofluoromethane	105		70-130

Project Name: FORMER ROXY DRY CLEANERS**Lab Number:** L2167544**Project Number:** Not Specified**Report Date:** 12/23/21**SAMPLE RESULTS**

Lab ID: L2167544-05

Date Collected: 12/08/21 09:40

Client ID: MW-4

Date Received: 12/08/21

Sample Location: DELMAR

Field Prep: Not Specified

Sample Depth:

Matrix: Water

Analytical Method: 1,8260C

Analytical Date: 12/18/21 22:07

Analyst: PD

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Methylene chloride	ND		ug/l	2.5	0.70	1
1,1-Dichloroethane	ND		ug/l	2.5	0.70	1
Chloroform	ND		ug/l	2.5	0.70	1
Carbon tetrachloride	ND		ug/l	0.50	0.13	1
1,2-Dichloropropane	ND		ug/l	1.0	0.14	1
Dibromochloromethane	ND		ug/l	0.50	0.15	1
1,1,2-Trichloroethane	ND		ug/l	1.5	0.50	1
Tetrachloroethene	ND		ug/l	0.50	0.18	1
Chlorobenzene	ND		ug/l	2.5	0.70	1
Trichlorofluoromethane	ND		ug/l	2.5	0.70	1
1,2-Dichloroethane	ND		ug/l	0.50	0.13	1
1,1,1-Trichloroethane	ND		ug/l	2.5	0.70	1
Bromodichloromethane	ND		ug/l	0.50	0.19	1
trans-1,3-Dichloropropene	ND		ug/l	0.50	0.16	1
cis-1,3-Dichloropropene	ND		ug/l	0.50	0.14	1
Bromoform	ND		ug/l	2.0	0.65	1
1,1,2,2-Tetrachloroethane	ND		ug/l	0.50	0.17	1
Benzene	ND		ug/l	0.50	0.16	1
Toluene	ND		ug/l	2.5	0.70	1
Ethylbenzene	ND		ug/l	2.5	0.70	1
Chloromethane	ND		ug/l	2.5	0.70	1
Bromomethane	ND		ug/l	2.5	0.70	1
Vinyl chloride	ND		ug/l	1.0	0.07	1
Chloroethane	ND		ug/l	2.5	0.70	1
1,1-Dichloroethene	ND		ug/l	0.50	0.17	1
trans-1,2-Dichloroethene	ND		ug/l	2.5	0.70	1
Trichloroethene	ND		ug/l	0.50	0.18	1
1,2-Dichlorobenzene	ND		ug/l	2.5	0.70	1

Project Name: FORMER ROXY DRY CLEANERS**Lab Number:** L2167544**Project Number:** Not Specified**Report Date:** 12/23/21**SAMPLE RESULTS****Lab ID:** L2167544-05**Date Collected:** 12/08/21 09:40**Client ID:** MW-4**Date Received:** 12/08/21**Sample Location:** DELMAR**Field Prep:** Not Specified**Sample Depth:**

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
1,3-Dichlorobenzene	ND		ug/l	2.5	0.70	1
1,4-Dichlorobenzene	ND		ug/l	2.5	0.70	1
Methyl tert butyl ether	ND		ug/l	2.5	0.70	1
p/m-Xylene	ND		ug/l	2.5	0.70	1
o-Xylene	ND		ug/l	2.5	0.70	1
cis-1,2-Dichloroethene	ND		ug/l	2.5	0.70	1
Styrene	ND		ug/l	2.5	0.70	1
Dichlorodifluoromethane	ND		ug/l	5.0	1.0	1
Acetone	ND		ug/l	5.0	1.5	1
Carbon disulfide	ND		ug/l	5.0	1.0	1
2-Butanone	ND		ug/l	5.0	1.9	1
4-Methyl-2-pentanone	ND		ug/l	5.0	1.0	1
2-Hexanone	ND		ug/l	5.0	1.0	1
Bromochloromethane	ND		ug/l	2.5	0.70	1
1,2-Dibromoethane	ND		ug/l	2.0	0.65	1
1,2-Dibromo-3-chloropropane	ND		ug/l	2.5	0.70	1
Isopropylbenzene	ND		ug/l	2.5	0.70	1
1,2,3-Trichlorobenzene	ND		ug/l	2.5	0.70	1
1,2,4-Trichlorobenzene	ND		ug/l	2.5	0.70	1
Methyl Acetate	ND		ug/l	2.0	0.23	1
Cyclohexane	ND		ug/l	10	0.27	1
1,4-Dioxane	ND		ug/l	250	61.	1
Freon-113	ND		ug/l	2.5	0.70	1
Methyl cyclohexane	ND		ug/l	10	0.40	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	108		70-130
Toluene-d8	99		70-130
4-Bromofluorobenzene	101		70-130
Dibromofluoromethane	109		70-130

Project Name: FORMER ROXY DRY CLEANERS**Lab Number:** L2167544**Project Number:** Not Specified**Report Date:** 12/23/21**SAMPLE RESULTS**

Lab ID: L2167544-06

Date Collected: 12/08/21 13:00

Client ID: MW-5

Date Received: 12/08/21

Sample Location: DELMAR

Field Prep: Not Specified

Sample Depth:

Matrix: Water

Analytical Method: 1,8260C

Analytical Date: 12/18/21 22:32

Analyst: PD

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Methylene chloride	ND		ug/l	2.5	0.70	1
1,1-Dichloroethane	ND		ug/l	2.5	0.70	1
Chloroform	ND		ug/l	2.5	0.70	1
Carbon tetrachloride	ND		ug/l	0.50	0.13	1
1,2-Dichloropropane	ND		ug/l	1.0	0.14	1
Dibromochloromethane	ND		ug/l	0.50	0.15	1
1,1,2-Trichloroethane	ND		ug/l	1.5	0.50	1
Tetrachloroethene	1.1		ug/l	0.50	0.18	1
Chlorobenzene	ND		ug/l	2.5	0.70	1
Trichlorofluoromethane	ND		ug/l	2.5	0.70	1
1,2-Dichloroethane	ND		ug/l	0.50	0.13	1
1,1,1-Trichloroethane	ND		ug/l	2.5	0.70	1
Bromodichloromethane	ND		ug/l	0.50	0.19	1
trans-1,3-Dichloropropene	ND		ug/l	0.50	0.16	1
cis-1,3-Dichloropropene	ND		ug/l	0.50	0.14	1
Bromoform	ND		ug/l	2.0	0.65	1
1,1,2,2-Tetrachloroethane	ND		ug/l	0.50	0.17	1
Benzene	ND		ug/l	0.50	0.16	1
Toluene	ND		ug/l	2.5	0.70	1
Ethylbenzene	ND		ug/l	2.5	0.70	1
Chloromethane	ND		ug/l	2.5	0.70	1
Bromomethane	ND		ug/l	2.5	0.70	1
Vinyl chloride	14		ug/l	1.0	0.07	1
Chloroethane	ND		ug/l	2.5	0.70	1
1,1-Dichloroethene	ND		ug/l	0.50	0.17	1
trans-1,2-Dichloroethene	0.95	J	ug/l	2.5	0.70	1
Trichloroethene	0.99		ug/l	0.50	0.18	1
1,2-Dichlorobenzene	ND		ug/l	2.5	0.70	1

Project Name: FORMER ROXY DRY CLEANERS**Lab Number:** L2167544**Project Number:** Not Specified**Report Date:** 12/23/21**SAMPLE RESULTS**

Lab ID: L2167544-06

Date Collected: 12/08/21 13:00

Client ID: MW-5

Date Received: 12/08/21

Sample Location: DELMAR

Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
1,3-Dichlorobenzene	ND		ug/l	2.5	0.70	1
1,4-Dichlorobenzene	ND		ug/l	2.5	0.70	1
Methyl tert butyl ether	ND		ug/l	2.5	0.70	1
p/m-Xylene	ND		ug/l	2.5	0.70	1
o-Xylene	ND		ug/l	2.5	0.70	1
cis-1,2-Dichloroethene	29		ug/l	2.5	0.70	1
Styrene	ND		ug/l	2.5	0.70	1
Dichlorodifluoromethane	ND		ug/l	5.0	1.0	1
Acetone	ND		ug/l	5.0	1.5	1
Carbon disulfide	ND		ug/l	5.0	1.0	1
2-Butanone	ND		ug/l	5.0	1.9	1
4-Methyl-2-pentanone	ND		ug/l	5.0	1.0	1
2-Hexanone	ND		ug/l	5.0	1.0	1
Bromochloromethane	ND		ug/l	2.5	0.70	1
1,2-Dibromoethane	ND		ug/l	2.0	0.65	1
1,2-Dibromo-3-chloropropane	ND		ug/l	2.5	0.70	1
Isopropylbenzene	ND		ug/l	2.5	0.70	1
1,2,3-Trichlorobenzene	ND		ug/l	2.5	0.70	1
1,2,4-Trichlorobenzene	ND		ug/l	2.5	0.70	1
Methyl Acetate	ND		ug/l	2.0	0.23	1
Cyclohexane	ND		ug/l	10	0.27	1
1,4-Dioxane	ND		ug/l	250	61.	1
Freon-113	ND		ug/l	2.5	0.70	1
Methyl cyclohexane	ND		ug/l	10	0.40	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	105		70-130
Toluene-d8	98		70-130
4-Bromofluorobenzene	101		70-130
Dibromofluoromethane	108		70-130

Project Name: FORMER ROXY DRY CLEANERS**Lab Number:** L2167544**Project Number:** Not Specified**Report Date:** 12/23/21**SAMPLE RESULTS**

Lab ID: L2167544-07

Date Collected: 12/08/21 11:15

Client ID: MW-6

Date Received: 12/08/21

Sample Location: DELMAR

Field Prep: Not Specified

Sample Depth:

Matrix: Water

Analytical Method: 1,8260C

Analytical Date: 12/18/21 22:56

Analyst: PD

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Methylene chloride	ND		ug/l	2.5	0.70	1
1,1-Dichloroethane	ND		ug/l	2.5	0.70	1
Chloroform	ND		ug/l	2.5	0.70	1
Carbon tetrachloride	ND		ug/l	0.50	0.13	1
1,2-Dichloropropane	ND		ug/l	1.0	0.14	1
Dibromochloromethane	ND		ug/l	0.50	0.15	1
1,1,2-Trichloroethane	ND		ug/l	1.5	0.50	1
Tetrachloroethene	ND		ug/l	0.50	0.18	1
Chlorobenzene	ND		ug/l	2.5	0.70	1
Trichlorofluoromethane	ND		ug/l	2.5	0.70	1
1,2-Dichloroethane	ND		ug/l	0.50	0.13	1
1,1,1-Trichloroethane	ND		ug/l	2.5	0.70	1
Bromodichloromethane	ND		ug/l	0.50	0.19	1
trans-1,3-Dichloropropene	ND		ug/l	0.50	0.16	1
cis-1,3-Dichloropropene	ND		ug/l	0.50	0.14	1
Bromoform	ND		ug/l	2.0	0.65	1
1,1,2,2-Tetrachloroethane	ND		ug/l	0.50	0.17	1
Benzene	ND		ug/l	0.50	0.16	1
Toluene	ND		ug/l	2.5	0.70	1
Ethylbenzene	ND		ug/l	2.5	0.70	1
Chloromethane	ND		ug/l	2.5	0.70	1
Bromomethane	ND		ug/l	2.5	0.70	1
Vinyl chloride	3.0		ug/l	1.0	0.07	1
Chloroethane	ND		ug/l	2.5	0.70	1
1,1-Dichloroethene	ND		ug/l	0.50	0.17	1
trans-1,2-Dichloroethene	ND		ug/l	2.5	0.70	1
Trichloroethene	0.42	J	ug/l	0.50	0.18	1
1,2-Dichlorobenzene	ND		ug/l	2.5	0.70	1

Project Name: FORMER ROXY DRY CLEANERS**Lab Number:** L2167544**Project Number:** Not Specified**Report Date:** 12/23/21**SAMPLE RESULTS**

Lab ID: L2167544-07

Date Collected: 12/08/21 11:15

Client ID: MW-6

Date Received: 12/08/21

Sample Location: DELMAR

Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
1,3-Dichlorobenzene	ND		ug/l	2.5	0.70	1
1,4-Dichlorobenzene	ND		ug/l	2.5	0.70	1
Methyl tert butyl ether	ND		ug/l	2.5	0.70	1
p/m-Xylene	ND		ug/l	2.5	0.70	1
o-Xylene	ND		ug/l	2.5	0.70	1
cis-1,2-Dichloroethene	31		ug/l	2.5	0.70	1
Styrene	ND		ug/l	2.5	0.70	1
Dichlorodifluoromethane	ND		ug/l	5.0	1.0	1
Acetone	ND		ug/l	5.0	1.5	1
Carbon disulfide	ND		ug/l	5.0	1.0	1
2-Butanone	ND		ug/l	5.0	1.9	1
4-Methyl-2-pentanone	ND		ug/l	5.0	1.0	1
2-Hexanone	ND		ug/l	5.0	1.0	1
Bromochloromethane	ND		ug/l	2.5	0.70	1
1,2-Dibromoethane	ND		ug/l	2.0	0.65	1
1,2-Dibromo-3-chloropropane	ND		ug/l	2.5	0.70	1
Isopropylbenzene	ND		ug/l	2.5	0.70	1
1,2,3-Trichlorobenzene	ND		ug/l	2.5	0.70	1
1,2,4-Trichlorobenzene	ND		ug/l	2.5	0.70	1
Methyl Acetate	ND		ug/l	2.0	0.23	1
Cyclohexane	ND		ug/l	10	0.27	1
1,4-Dioxane	ND		ug/l	250	61.	1
Freon-113	ND		ug/l	2.5	0.70	1
Methyl cyclohexane	ND		ug/l	10	0.40	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	107		70-130
Toluene-d8	99		70-130
4-Bromofluorobenzene	100		70-130
Dibromofluoromethane	108		70-130

Project Name: FORMER ROXY DRY CLEANERS**Lab Number:** L2167544**Project Number:** Not Specified**Report Date:** 12/23/21**SAMPLE RESULTS**

Lab ID: L2167544-08 D

Date Collected: 12/08/21 11:00

Client ID: DUP

Date Received: 12/08/21

Sample Location: DELMAR

Field Prep: Not Specified

Sample Depth:

Matrix: Water

Analytical Method: 1,8260C

Analytical Date: 12/20/21 15:20

Analyst: AJK

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Methylene chloride	ND		ug/l	62	18.	25
1,1-Dichloroethane	ND		ug/l	62	18.	25
Chloroform	ND		ug/l	62	18.	25
Carbon tetrachloride	ND		ug/l	12	3.4	25
1,2-Dichloropropane	ND		ug/l	25	3.4	25
Dibromochloromethane	ND		ug/l	12	3.7	25
1,1,2-Trichloroethane	ND		ug/l	38	12.	25
Tetrachloroethene	4700		ug/l	12	4.5	25
Chlorobenzene	ND		ug/l	62	18.	25
Trichlorofluoromethane	ND		ug/l	62	18.	25
1,2-Dichloroethane	ND		ug/l	12	3.3	25
1,1,1-Trichloroethane	ND		ug/l	62	18.	25
Bromodichloromethane	ND		ug/l	12	4.8	25
trans-1,3-Dichloropropene	ND		ug/l	12	4.1	25
cis-1,3-Dichloropropene	ND		ug/l	12	3.6	25
Bromoform	ND		ug/l	50	16.	25
1,1,2,2-Tetrachloroethane	ND		ug/l	12	4.2	25
Benzene	ND		ug/l	12	4.0	25
Toluene	ND		ug/l	62	18.	25
Ethylbenzene	ND		ug/l	62	18.	25
Chloromethane	ND		ug/l	62	18.	25
Bromomethane	ND		ug/l	62	18.	25
Vinyl chloride	380		ug/l	25	1.8	25
Chloroethane	ND		ug/l	62	18.	25
1,1-Dichloroethene	4.2	J	ug/l	12	4.2	25
trans-1,2-Dichloroethene	22	J	ug/l	62	18.	25
Trichloroethene	1800		ug/l	12	4.4	25
1,2-Dichlorobenzene	ND		ug/l	62	18.	25

Project Name: FORMER ROXY DRY CLEANERS**Lab Number:** L2167544**Project Number:** Not Specified**Report Date:** 12/23/21**SAMPLE RESULTS**

Lab ID: L2167544-08 D

Date Collected: 12/08/21 11:00

Client ID: DUP

Date Received: 12/08/21

Sample Location: DELMAR

Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
1,3-Dichlorobenzene	ND		ug/l	62	18.	25
1,4-Dichlorobenzene	ND		ug/l	62	18.	25
Methyl tert butyl ether	ND		ug/l	62	18.	25
p/m-Xylene	ND		ug/l	62	18.	25
o-Xylene	ND		ug/l	62	18.	25
cis-1,2-Dichloroethene	2200		ug/l	62	18.	25
Styrene	ND		ug/l	62	18.	25
Dichlorodifluoromethane	ND		ug/l	120	25.	25
Acetone	ND		ug/l	120	36.	25
Carbon disulfide	ND		ug/l	120	25.	25
2-Butanone	ND		ug/l	120	48.	25
4-Methyl-2-pentanone	ND		ug/l	120	25.	25
2-Hexanone	ND		ug/l	120	25.	25
Bromochloromethane	ND		ug/l	62	18.	25
1,2-Dibromoethane	ND		ug/l	50	16.	25
1,2-Dibromo-3-chloropropane	ND		ug/l	62	18.	25
Isopropylbenzene	ND		ug/l	62	18.	25
1,2,3-Trichlorobenzene	ND		ug/l	62	18.	25
1,2,4-Trichlorobenzene	ND		ug/l	62	18.	25
Methyl Acetate	ND		ug/l	50	5.8	25
Cyclohexane	ND		ug/l	250	6.8	25
1,4-Dioxane	ND		ug/l	6200	1500	25
Freon-113	ND		ug/l	62	18.	25
Methyl cyclohexane	ND		ug/l	250	9.9	25

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	108		70-130
Toluene-d8	101		70-130
4-Bromofluorobenzene	99		70-130
Dibromofluoromethane	103		70-130

Project Name: FORMER ROXY DRY CLEANERS**Lab Number:** L2167544**Project Number:** Not Specified**Report Date:** 12/23/21**SAMPLE RESULTS**

Lab ID: L2167544-09

Date Collected: 12/08/21 11:00

Client ID: FB-20211208

Date Received: 12/08/21

Sample Location: DELMAR

Field Prep: Not Specified

Sample Depth:

Matrix: Water

Analytical Method: 1,8260C

Analytical Date: 12/19/21 10:41

Analyst: PD

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Methylene chloride	1.2	J	ug/l	2.5	0.70	1
1,1-Dichloroethane	ND		ug/l	2.5	0.70	1
Chloroform	ND		ug/l	2.5	0.70	1
Carbon tetrachloride	ND		ug/l	0.50	0.13	1
1,2-Dichloropropane	ND		ug/l	1.0	0.14	1
Dibromochloromethane	ND		ug/l	0.50	0.15	1
1,1,2-Trichloroethane	ND		ug/l	1.5	0.50	1
Tetrachloroethene	ND		ug/l	0.50	0.18	1
Chlorobenzene	ND		ug/l	2.5	0.70	1
Trichlorofluoromethane	ND		ug/l	2.5	0.70	1
1,2-Dichloroethane	ND		ug/l	0.50	0.13	1
1,1,1-Trichloroethane	ND		ug/l	2.5	0.70	1
Bromodichloromethane	ND		ug/l	0.50	0.19	1
trans-1,3-Dichloropropene	ND		ug/l	0.50	0.16	1
cis-1,3-Dichloropropene	ND		ug/l	0.50	0.14	1
Bromoform	ND		ug/l	2.0	0.65	1
1,1,2,2-Tetrachloroethane	ND		ug/l	0.50	0.17	1
Benzene	ND		ug/l	0.50	0.16	1
Toluene	ND		ug/l	2.5	0.70	1
Ethylbenzene	ND		ug/l	2.5	0.70	1
Chloromethane	ND		ug/l	2.5	0.70	1
Bromomethane	ND		ug/l	2.5	0.70	1
Vinyl chloride	ND		ug/l	1.0	0.07	1
Chloroethane	ND		ug/l	2.5	0.70	1
1,1-Dichloroethene	ND		ug/l	0.50	0.17	1
trans-1,2-Dichloroethene	ND		ug/l	2.5	0.70	1
Trichloroethene	ND		ug/l	0.50	0.18	1
1,2-Dichlorobenzene	ND		ug/l	2.5	0.70	1

Project Name: FORMER ROXY DRY CLEANERS**Lab Number:** L2167544**Project Number:** Not Specified**Report Date:** 12/23/21**SAMPLE RESULTS**

Lab ID: L2167544-09

Date Collected: 12/08/21 11:00

Client ID: FB-20211208

Date Received: 12/08/21

Sample Location: DELMAR

Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
1,3-Dichlorobenzene	ND		ug/l	2.5	0.70	1
1,4-Dichlorobenzene	ND		ug/l	2.5	0.70	1
Methyl tert butyl ether	ND		ug/l	2.5	0.70	1
p/m-Xylene	ND		ug/l	2.5	0.70	1
o-Xylene	ND		ug/l	2.5	0.70	1
cis-1,2-Dichloroethene	ND		ug/l	2.5	0.70	1
Styrene	ND		ug/l	2.5	0.70	1
Dichlorodifluoromethane	ND		ug/l	5.0	1.0	1
Acetone	ND		ug/l	5.0	1.5	1
Carbon disulfide	ND		ug/l	5.0	1.0	1
2-Butanone	ND		ug/l	5.0	1.9	1
4-Methyl-2-pentanone	ND		ug/l	5.0	1.0	1
2-Hexanone	ND		ug/l	5.0	1.0	1
Bromochloromethane	ND		ug/l	2.5	0.70	1
1,2-Dibromoethane	ND		ug/l	2.0	0.65	1
1,2-Dibromo-3-chloropropane	ND		ug/l	2.5	0.70	1
Isopropylbenzene	ND		ug/l	2.5	0.70	1
1,2,3-Trichlorobenzene	ND		ug/l	2.5	0.70	1
1,2,4-Trichlorobenzene	ND		ug/l	2.5	0.70	1
Methyl Acetate	ND		ug/l	2.0	0.23	1
Cyclohexane	ND		ug/l	10	0.27	1
1,4-Dioxane	ND		ug/l	250	61.	1
Freon-113	ND		ug/l	2.5	0.70	1
Methyl cyclohexane	ND		ug/l	10	0.40	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	92		70-130
Toluene-d8	100		70-130
4-Bromofluorobenzene	103		70-130
Dibromofluoromethane	95		70-130

Project Name: FORMER ROXY DRY CLEANERS**Lab Number:** L2167544**Project Number:** Not Specified**Report Date:** 12/23/21**SAMPLE RESULTS**

Lab ID: L2167544-10

Date Collected: 12/08/21 11:00

Client ID: TB-20211208

Date Received: 12/08/21

Sample Location: DELMAR

Field Prep: Not Specified

Sample Depth:

Matrix: Water

Analytical Method: 1,8260C

Analytical Date: 12/22/21 13:30

Analyst: LAC

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Methylene chloride	1.5	J	ug/l	2.5	0.70	1
1,1-Dichloroethane	ND		ug/l	2.5	0.70	1
Chloroform	ND		ug/l	2.5	0.70	1
Carbon tetrachloride	ND		ug/l	0.50	0.13	1
1,2-Dichloropropane	ND		ug/l	1.0	0.14	1
Dibromochloromethane	ND		ug/l	0.50	0.15	1
1,1,2-Trichloroethane	ND		ug/l	1.5	0.50	1
Tetrachloroethene	ND		ug/l	0.50	0.18	1
Chlorobenzene	ND		ug/l	2.5	0.70	1
Trichlorofluoromethane	ND		ug/l	2.5	0.70	1
1,2-Dichloroethane	ND		ug/l	0.50	0.13	1
1,1,1-Trichloroethane	ND		ug/l	2.5	0.70	1
Bromodichloromethane	ND		ug/l	0.50	0.19	1
trans-1,3-Dichloropropene	ND		ug/l	0.50	0.16	1
cis-1,3-Dichloropropene	ND		ug/l	0.50	0.14	1
Bromoform	ND		ug/l	2.0	0.65	1
1,1,2,2-Tetrachloroethane	ND		ug/l	0.50	0.17	1
Benzene	ND		ug/l	0.50	0.16	1
Toluene	ND		ug/l	2.5	0.70	1
Ethylbenzene	ND		ug/l	2.5	0.70	1
Chloromethane	ND		ug/l	2.5	0.70	1
Bromomethane	ND		ug/l	2.5	0.70	1
Vinyl chloride	ND		ug/l	1.0	0.07	1
Chloroethane	ND		ug/l	2.5	0.70	1
1,1-Dichloroethene	ND		ug/l	0.50	0.17	1
trans-1,2-Dichloroethene	ND		ug/l	2.5	0.70	1
Trichloroethene	ND		ug/l	0.50	0.18	1
1,2-Dichlorobenzene	ND		ug/l	2.5	0.70	1

Project Name: FORMER ROXY DRY CLEANERS**Lab Number:** L2167544**Project Number:** Not Specified**Report Date:** 12/23/21**SAMPLE RESULTS****Lab ID:** L2167544-10**Date Collected:** 12/08/21 11:00**Client ID:** TB-20211208**Date Received:** 12/08/21**Sample Location:** DELMAR**Field Prep:** Not Specified**Sample Depth:**

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
1,3-Dichlorobenzene	ND		ug/l	2.5	0.70	1
1,4-Dichlorobenzene	ND		ug/l	2.5	0.70	1
Methyl tert butyl ether	ND		ug/l	2.5	0.70	1
p/m-Xylene	ND		ug/l	2.5	0.70	1
o-Xylene	ND		ug/l	2.5	0.70	1
cis-1,2-Dichloroethene	ND		ug/l	2.5	0.70	1
Styrene	ND		ug/l	2.5	0.70	1
Dichlorodifluoromethane	ND		ug/l	5.0	1.0	1
Acetone	ND		ug/l	5.0	1.5	1
Carbon disulfide	ND		ug/l	5.0	1.0	1
2-Butanone	ND		ug/l	5.0	1.9	1
4-Methyl-2-pentanone	ND		ug/l	5.0	1.0	1
2-Hexanone	ND		ug/l	5.0	1.0	1
Bromochloromethane	ND		ug/l	2.5	0.70	1
1,2-Dibromoethane	ND		ug/l	2.0	0.65	1
1,2-Dibromo-3-chloropropane	ND		ug/l	2.5	0.70	1
Isopropylbenzene	ND		ug/l	2.5	0.70	1
1,2,3-Trichlorobenzene	ND		ug/l	2.5	0.70	1
1,2,4-Trichlorobenzene	ND		ug/l	2.5	0.70	1
Methyl Acetate	ND		ug/l	2.0	0.23	1
Cyclohexane	ND		ug/l	10	0.27	1
1,4-Dioxane	ND		ug/l	250	61.	1
Freon-113	ND		ug/l	2.5	0.70	1
Methyl cyclohexane	ND		ug/l	10	0.40	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	118		70-130
Toluene-d8	100		70-130
4-Bromofluorobenzene	96		70-130
Dibromofluoromethane	114		70-130

Project Name: FORMER ROXY DRY CLEANERS**Lab Number:** L2167544**Project Number:** Not Specified**Report Date:** 12/23/21

Method Blank Analysis Batch Quality Control

Analytical Method: 1,8260C
 Analytical Date: 12/18/21 19:43
 Analyst: LAC

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 01-07 Batch: WG1585226-5					
Methylene chloride	ND		ug/l	2.5	0.70
1,1-Dichloroethane	ND		ug/l	2.5	0.70
Chloroform	ND		ug/l	2.5	0.70
Carbon tetrachloride	ND		ug/l	0.50	0.13
1,2-Dichloropropane	ND		ug/l	1.0	0.14
Dibromochloromethane	ND		ug/l	0.50	0.15
1,1,2-Trichloroethane	ND		ug/l	1.5	0.50
Tetrachloroethene	ND		ug/l	0.50	0.18
Chlorobenzene	ND		ug/l	2.5	0.70
Trichlorofluoromethane	ND		ug/l	2.5	0.70
1,2-Dichloroethane	ND		ug/l	0.50	0.13
1,1,1-Trichloroethane	ND		ug/l	2.5	0.70
Bromodichloromethane	ND		ug/l	0.50	0.19
trans-1,3-Dichloropropene	ND		ug/l	0.50	0.16
cis-1,3-Dichloropropene	ND		ug/l	0.50	0.14
Bromoform	ND		ug/l	2.0	0.65
1,1,2,2-Tetrachloroethane	ND		ug/l	0.50	0.17
Benzene	ND		ug/l	0.50	0.16
Toluene	ND		ug/l	2.5	0.70
Ethylbenzene	ND		ug/l	2.5	0.70
Chloromethane	ND		ug/l	2.5	0.70
Bromomethane	ND		ug/l	2.5	0.70
Vinyl chloride	ND		ug/l	1.0	0.07
Chloroethane	ND		ug/l	2.5	0.70
1,1-Dichloroethene	ND		ug/l	0.50	0.17
trans-1,2-Dichloroethene	ND		ug/l	2.5	0.70
Trichloroethene	ND		ug/l	0.50	0.18
1,2-Dichlorobenzene	ND		ug/l	2.5	0.70
1,3-Dichlorobenzene	ND		ug/l	2.5	0.70

Project Name: FORMER ROXY DRY CLEANERS**Lab Number:** L2167544**Project Number:** Not Specified**Report Date:** 12/23/21

Method Blank Analysis Batch Quality Control

Analytical Method: 1,8260C
 Analytical Date: 12/18/21 19:43
 Analyst: LAC

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 01-07 Batch: WG1585226-5					
1,4-Dichlorobenzene	ND		ug/l	2.5	0.70
Methyl tert butyl ether	ND		ug/l	2.5	0.70
p/m-Xylene	ND		ug/l	2.5	0.70
o-Xylene	ND		ug/l	2.5	0.70
cis-1,2-Dichloroethene	ND		ug/l	2.5	0.70
Styrene	ND		ug/l	2.5	0.70
Dichlorodifluoromethane	ND		ug/l	5.0	1.0
Acetone	ND		ug/l	5.0	1.5
Carbon disulfide	ND		ug/l	5.0	1.0
2-Butanone	ND		ug/l	5.0	1.9
4-Methyl-2-pentanone	ND		ug/l	5.0	1.0
2-Hexanone	ND		ug/l	5.0	1.0
Bromochloromethane	ND		ug/l	2.5	0.70
1,2-Dibromoethane	ND		ug/l	2.0	0.65
1,2-Dibromo-3-chloropropane	ND		ug/l	2.5	0.70
Isopropylbenzene	ND		ug/l	2.5	0.70
1,2,3-Trichlorobenzene	ND		ug/l	2.5	0.70
1,2,4-Trichlorobenzene	ND		ug/l	2.5	0.70
Methyl Acetate	ND		ug/l	2.0	0.23
Cyclohexane	ND		ug/l	10	0.27
1,4-Dioxane	ND		ug/l	250	61.
Freon-113	ND		ug/l	2.5	0.70
Methyl cyclohexane	ND		ug/l	10	0.40

Project Name: FORMER ROXY DRY CLEANERS**Lab Number:** L2167544**Project Number:** Not Specified**Report Date:** 12/23/21

Method Blank Analysis Batch Quality Control

Analytical Method: 1,8260C
 Analytical Date: 12/18/21 19:43
 Analyst: LAC

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 01-07 Batch: WG1585226-5					

Surrogate	%Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	101		70-130
Toluene-d8	99		70-130
4-Bromofluorobenzene	103		70-130
Dibromofluoromethane	109		70-130

Project Name: FORMER ROXY DRY CLEANERS**Lab Number:** L2167544**Project Number:** Not Specified**Report Date:** 12/23/21

Method Blank Analysis Batch Quality Control

Analytical Method: 1,8260C
 Analytical Date: 12/19/21 08:42
 Analyst: PD

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 09 Batch: WG1585676-5					
Methylene chloride	ND		ug/l	2.5	0.70
1,1-Dichloroethane	ND		ug/l	2.5	0.70
Chloroform	ND		ug/l	2.5	0.70
Carbon tetrachloride	ND		ug/l	0.50	0.13
1,2-Dichloropropane	ND		ug/l	1.0	0.14
Dibromochloromethane	ND		ug/l	0.50	0.15
1,1,2-Trichloroethane	ND		ug/l	1.5	0.50
Tetrachloroethene	ND		ug/l	0.50	0.18
Chlorobenzene	ND		ug/l	2.5	0.70
Trichlorofluoromethane	ND		ug/l	2.5	0.70
1,2-Dichloroethane	ND		ug/l	0.50	0.13
1,1,1-Trichloroethane	ND		ug/l	2.5	0.70
Bromodichloromethane	ND		ug/l	0.50	0.19
trans-1,3-Dichloropropene	ND		ug/l	0.50	0.16
cis-1,3-Dichloropropene	ND		ug/l	0.50	0.14
Bromoform	ND		ug/l	2.0	0.65
1,1,2,2-Tetrachloroethane	ND		ug/l	0.50	0.17
Benzene	ND		ug/l	0.50	0.16
Toluene	ND		ug/l	2.5	0.70
Ethylbenzene	ND		ug/l	2.5	0.70
Chloromethane	ND		ug/l	2.5	0.70
Bromomethane	ND		ug/l	2.5	0.70
Vinyl chloride	ND		ug/l	1.0	0.07
Chloroethane	ND		ug/l	2.5	0.70
1,1-Dichloroethene	ND		ug/l	0.50	0.17
trans-1,2-Dichloroethene	ND		ug/l	2.5	0.70
Trichloroethene	ND		ug/l	0.50	0.18
1,2-Dichlorobenzene	ND		ug/l	2.5	0.70
1,3-Dichlorobenzene	ND		ug/l	2.5	0.70

Project Name: FORMER ROXY DRY CLEANERS**Lab Number:** L2167544**Project Number:** Not Specified**Report Date:** 12/23/21

Method Blank Analysis Batch Quality Control

Analytical Method: 1,8260C
 Analytical Date: 12/19/21 08:42
 Analyst: PD

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 09 Batch: WG1585676-5					
1,4-Dichlorobenzene	ND		ug/l	2.5	0.70
Methyl tert butyl ether	ND		ug/l	2.5	0.70
p/m-Xylene	ND		ug/l	2.5	0.70
o-Xylene	ND		ug/l	2.5	0.70
cis-1,2-Dichloroethene	ND		ug/l	2.5	0.70
Styrene	ND		ug/l	2.5	0.70
Dichlorodifluoromethane	ND		ug/l	5.0	1.0
Acetone	ND		ug/l	5.0	1.5
Carbon disulfide	ND		ug/l	5.0	1.0
2-Butanone	ND		ug/l	5.0	1.9
4-Methyl-2-pentanone	ND		ug/l	5.0	1.0
2-Hexanone	ND		ug/l	5.0	1.0
Bromochloromethane	ND		ug/l	2.5	0.70
1,2-Dibromoethane	ND		ug/l	2.0	0.65
1,2-Dibromo-3-chloropropane	ND		ug/l	2.5	0.70
Isopropylbenzene	ND		ug/l	2.5	0.70
1,2,3-Trichlorobenzene	ND		ug/l	2.5	0.70
1,2,4-Trichlorobenzene	ND		ug/l	2.5	0.70
Methyl Acetate	ND		ug/l	2.0	0.23
Cyclohexane	ND		ug/l	10	0.27
1,4-Dioxane	ND		ug/l	250	61.
Freon-113	ND		ug/l	2.5	0.70
Methyl cyclohexane	ND		ug/l	10	0.40

Project Name: FORMER ROXY DRY CLEANERS**Lab Number:** L2167544**Project Number:** Not Specified**Report Date:** 12/23/21

Method Blank Analysis Batch Quality Control

Analytical Method: 1,8260C
 Analytical Date: 12/19/21 08:42
 Analyst: PD

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 09 Batch: WG1585676-5					

Surrogate	%Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	98		70-130
Toluene-d8	100		70-130
4-Bromofluorobenzene	106		70-130
Dibromofluoromethane	95		70-130

Project Name: FORMER ROXY DRY CLEANERS**Lab Number:** L2167544**Project Number:** Not Specified**Report Date:** 12/23/21

Method Blank Analysis Batch Quality Control

Analytical Method: 1,8260C
 Analytical Date: 12/20/21 08:02
 Analyst: PD

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 08 Batch: WG1586166-5					
Methylene chloride	ND		ug/l	2.5	0.70
1,1-Dichloroethane	ND		ug/l	2.5	0.70
Chloroform	ND		ug/l	2.5	0.70
Carbon tetrachloride	ND		ug/l	0.50	0.13
1,2-Dichloropropane	ND		ug/l	1.0	0.14
Dibromochloromethane	ND		ug/l	0.50	0.15
1,1,2-Trichloroethane	ND		ug/l	1.5	0.50
Tetrachloroethene	ND		ug/l	0.50	0.18
Chlorobenzene	ND		ug/l	2.5	0.70
Trichlorofluoromethane	ND		ug/l	2.5	0.70
1,2-Dichloroethane	ND		ug/l	0.50	0.13
1,1,1-Trichloroethane	ND		ug/l	2.5	0.70
Bromodichloromethane	ND		ug/l	0.50	0.19
trans-1,3-Dichloropropene	ND		ug/l	0.50	0.16
cis-1,3-Dichloropropene	ND		ug/l	0.50	0.14
Bromoform	ND		ug/l	2.0	0.65
1,1,1,2-Tetrachloroethane	ND		ug/l	0.50	0.17
Benzene	ND		ug/l	0.50	0.16
Toluene	ND		ug/l	2.5	0.70
Ethylbenzene	ND		ug/l	2.5	0.70
Chloromethane	ND		ug/l	2.5	0.70
Bromomethane	ND		ug/l	2.5	0.70
Vinyl chloride	ND		ug/l	1.0	0.07
Chloroethane	ND		ug/l	2.5	0.70
1,1-Dichloroethene	ND		ug/l	0.50	0.17
trans-1,2-Dichloroethene	ND		ug/l	2.5	0.70
Trichloroethene	ND		ug/l	0.50	0.18
1,2-Dichlorobenzene	ND		ug/l	2.5	0.70
1,3-Dichlorobenzene	ND		ug/l	2.5	0.70

Project Name: FORMER ROXY DRY CLEANERS**Lab Number:** L2167544**Project Number:** Not Specified**Report Date:** 12/23/21

Method Blank Analysis Batch Quality Control

Analytical Method: 1,8260C
 Analytical Date: 12/20/21 08:02
 Analyst: PD

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 08 Batch: WG1586166-5					
1,4-Dichlorobenzene	ND		ug/l	2.5	0.70
Methyl tert butyl ether	ND		ug/l	2.5	0.70
p/m-Xylene	ND		ug/l	2.5	0.70
o-Xylene	ND		ug/l	2.5	0.70
cis-1,2-Dichloroethene	ND		ug/l	2.5	0.70
Styrene	ND		ug/l	2.5	0.70
Dichlorodifluoromethane	ND		ug/l	5.0	1.0
Acetone	ND		ug/l	5.0	1.5
Carbon disulfide	ND		ug/l	5.0	1.0
2-Butanone	ND		ug/l	5.0	1.9
4-Methyl-2-pentanone	ND		ug/l	5.0	1.0
2-Hexanone	ND		ug/l	5.0	1.0
Bromochloromethane	ND		ug/l	2.5	0.70
1,2-Dibromoethane	ND		ug/l	2.0	0.65
1,2-Dibromo-3-chloropropane	ND		ug/l	2.5	0.70
Isopropylbenzene	ND		ug/l	2.5	0.70
1,2,3-Trichlorobenzene	ND		ug/l	2.5	0.70
1,2,4-Trichlorobenzene	ND		ug/l	2.5	0.70
Methyl Acetate	ND		ug/l	2.0	0.23
Cyclohexane	ND		ug/l	10	0.27
1,4-Dioxane	ND		ug/l	250	61.
Freon-113	ND		ug/l	2.5	0.70
Methyl cyclohexane	ND		ug/l	10	0.40

Project Name: FORMER ROXY DRY CLEANERS**Lab Number:** L2167544**Project Number:** Not Specified**Report Date:** 12/23/21**Method Blank Analysis**
Batch Quality Control

Analytical Method: 1,8260C

Analytical Date: 12/20/21 08:02

Analyst: PD

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 08 Batch: WG1586166-5					

Surrogate	%Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	107		70-130
Toluene-d8	99		70-130
4-Bromofluorobenzene	96		70-130
Dibromofluoromethane	111		70-130

Project Name: FORMER ROXY DRY CLEANERS**Lab Number:** L2167544**Project Number:** Not Specified**Report Date:** 12/23/21

Method Blank Analysis Batch Quality Control

Analytical Method: 1,8260C
 Analytical Date: 12/22/21 08:29
 Analyst: PD

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 10 Batch: WG1586757-5					
Methylene chloride	ND		ug/l	2.5	0.70
1,1-Dichloroethane	ND		ug/l	2.5	0.70
Chloroform	ND		ug/l	2.5	0.70
Carbon tetrachloride	ND		ug/l	0.50	0.13
1,2-Dichloropropane	ND		ug/l	1.0	0.14
Dibromochloromethane	ND		ug/l	0.50	0.15
1,1,2-Trichloroethane	ND		ug/l	1.5	0.50
Tetrachloroethene	ND		ug/l	0.50	0.18
Chlorobenzene	ND		ug/l	2.5	0.70
Trichlorofluoromethane	ND		ug/l	2.5	0.70
1,2-Dichloroethane	ND		ug/l	0.50	0.13
1,1,1-Trichloroethane	ND		ug/l	2.5	0.70
Bromodichloromethane	ND		ug/l	0.50	0.19
trans-1,3-Dichloropropene	ND		ug/l	0.50	0.16
cis-1,3-Dichloropropene	ND		ug/l	0.50	0.14
Bromoform	ND		ug/l	2.0	0.65
1,1,1,2-Tetrachloroethane	ND		ug/l	0.50	0.17
Benzene	ND		ug/l	0.50	0.16
Toluene	ND		ug/l	2.5	0.70
Ethylbenzene	ND		ug/l	2.5	0.70
Chloromethane	ND		ug/l	2.5	0.70
Bromomethane	ND		ug/l	2.5	0.70
Vinyl chloride	ND		ug/l	1.0	0.07
Chloroethane	ND		ug/l	2.5	0.70
1,1-Dichloroethene	ND		ug/l	0.50	0.17
trans-1,2-Dichloroethene	ND		ug/l	2.5	0.70
Trichloroethene	ND		ug/l	0.50	0.18
1,2-Dichlorobenzene	ND		ug/l	2.5	0.70
1,3-Dichlorobenzene	ND		ug/l	2.5	0.70

Project Name: FORMER ROXY DRY CLEANERS

Lab Number: L2167544

Project Number: Not Specified

Report Date: 12/23/21

Method Blank Analysis Batch Quality Control

Analytical Method: 1,8260C
 Analytical Date: 12/22/21 08:29
 Analyst: PD

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 10 Batch: WG1586757-5					
1,4-Dichlorobenzene	ND		ug/l	2.5	0.70
Methyl tert butyl ether	ND		ug/l	2.5	0.70
p/m-Xylene	ND		ug/l	2.5	0.70
o-Xylene	ND		ug/l	2.5	0.70
cis-1,2-Dichloroethene	ND		ug/l	2.5	0.70
Styrene	ND		ug/l	2.5	0.70
Dichlorodifluoromethane	ND		ug/l	5.0	1.0
Acetone	ND		ug/l	5.0	1.5
Carbon disulfide	ND		ug/l	5.0	1.0
2-Butanone	ND		ug/l	5.0	1.9
4-Methyl-2-pentanone	ND		ug/l	5.0	1.0
2-Hexanone	ND		ug/l	5.0	1.0
Bromochloromethane	ND		ug/l	2.5	0.70
1,2-Dibromoethane	ND		ug/l	2.0	0.65
1,2-Dibromo-3-chloropropane	ND		ug/l	2.5	0.70
Isopropylbenzene	ND		ug/l	2.5	0.70
1,2,3-Trichlorobenzene	ND		ug/l	2.5	0.70
1,2,4-Trichlorobenzene	ND		ug/l	2.5	0.70
Methyl Acetate	ND		ug/l	2.0	0.23
Cyclohexane	ND		ug/l	10	0.27
1,4-Dioxane	ND		ug/l	250	61.
Freon-113	ND		ug/l	2.5	0.70
Methyl cyclohexane	ND		ug/l	10	0.40

Project Name: FORMER ROXY DRY CLEANERS**Lab Number:** L2167544**Project Number:** Not Specified**Report Date:** 12/23/21**Method Blank Analysis**
Batch Quality Control

Analytical Method: 1,8260C
 Analytical Date: 12/22/21 08:29
 Analyst: PD

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 10 Batch: WG1586757-5					

Surrogate	%Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	113		70-130
Toluene-d8	98		70-130
4-Bromofluorobenzene	100		70-130
Dibromofluoromethane	112		70-130

Lab Control Sample Analysis **Batch Quality Control**

Project Name: FORMER ROXY DRY CLEANERS

Lab Number: L2167544

Project Number: Not Specified

Report Date: 12/23/21

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-07 Batch: WG1585226-3 WG1585226-4								
Methylene chloride	100		100		70-130	0		20
1,1-Dichloroethane	100		110		70-130	10		20
Chloroform	100		100		70-130	0		20
Carbon tetrachloride	100		100		63-132	0		20
1,2-Dichloropropane	100		100		70-130	0		20
Dibromochloromethane	95		93		63-130	2		20
1,1,2-Trichloroethane	94		96		70-130	2		20
Tetrachloroethene	100		100		70-130	0		20
Chlorobenzene	98		100		75-130	2		20
Trichlorofluoromethane	110		110		62-150	0		20
1,2-Dichloroethane	100		99		70-130	1		20
1,1,1-Trichloroethane	100		110		67-130	10		20
Bromodichloromethane	95		96		67-130	1		20
trans-1,3-Dichloropropene	88		89		70-130	1		20
cis-1,3-Dichloropropene	98		98		70-130	0		20
Bromoform	77		78		54-136	1		20
1,1,2,2-Tetrachloroethane	97		96		67-130	1		20
Benzene	100		100		70-130	0		20
Toluene	99		100		70-130	1		20
Ethylbenzene	100		100		70-130	0		20
Chloromethane	98		100		64-130	2		20
Bromomethane	67		70		39-139	4		20
Vinyl chloride	110		110		55-140	0		20

Lab Control Sample Analysis

Batch Quality Control

Project Name: FORMER ROXY DRY CLEANERS

Project Number: Not Specified

Lab Number: L2167544

Report Date: 12/23/21

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-07 Batch: WG1585226-3 WG1585226-4								
Chloroethane	100		110		55-138	10		20
1,1-Dichloroethene	100		110		61-145	10		20
trans-1,2-Dichloroethene	100		100		70-130	0		20
Trichloroethene	100		100		70-130	0		20
1,2-Dichlorobenzene	97		100		70-130	3		20
1,3-Dichlorobenzene	99		100		70-130	1		20
1,4-Dichlorobenzene	98		100		70-130	2		20
Methyl tert butyl ether	88		87		63-130	1		20
p/m-Xylene	100		105		70-130	5		20
o-Xylene	100		100		70-130	0		20
cis-1,2-Dichloroethene	100		100		70-130	0		20
Styrene	95		100		70-130	5		20
Dichlorodifluoromethane	110		110		36-147	0		20
Acetone	88		93		58-148	6		20
Carbon disulfide	100		110		51-130	10		20
2-Butanone	94		96		63-138	2		20
4-Methyl-2-pentanone	73		76		59-130	4		20
2-Hexanone	80		80		57-130	0		20
Bromochloromethane	100		100		70-130	0		20
1,2-Dibromoethane	93		91		70-130	2		20
1,2-Dibromo-3-chloropropane	80		74		41-144	8		20
Isopropylbenzene	100		110		70-130	10		20
1,2,3-Trichlorobenzene	92		96		70-130	4		20

Lab Control Sample Analysis

Batch Quality Control

Project Name: FORMER ROXY DRY CLEANERS

Project Number: Not Specified

Lab Number: L2167544

Report Date: 12/23/21

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-07 Batch: WG1585226-3 WG1585226-4								
1,2,4-Trichlorobenzene	94		98		70-130	4		20
Methyl Acetate	86		88		70-130	2		20
Cyclohexane	110		110		70-130	0		20
1,4-Dioxane	86		92		56-162	7		20
Freon-113	110		110		70-130	0		20
Methyl cyclohexane	100		100		70-130	0		20

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
1,2-Dichloroethane-d4	98		97		70-130
Toluene-d8	102		101		70-130
4-Bromofluorobenzene	102		103		70-130
Dibromofluoromethane	100		100		70-130

Lab Control Sample Analysis

Batch Quality Control

Project Name: FORMER ROXY DRY CLEANERS

Project Number: Not Specified

Lab Number: L2167544

Report Date: 12/23/21

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 09 Batch: WG1585676-3 WG1585676-4								
Methylene chloride	90		99		70-130	10		20
1,1-Dichloroethane	95		100		70-130	5		20
Chloroform	92		95		70-130	3		20
Carbon tetrachloride	92		97		63-132	5		20
1,2-Dichloropropane	89		100		70-130	12		20
Dibromochloromethane	83		90		63-130	8		20
1,1,2-Trichloroethane	89		99		70-130	11		20
Tetrachloroethene	100		100		70-130	0		20
Chlorobenzene	97		100		75-130	3		20
Trichlorofluoromethane	90		94		62-150	4		20
1,2-Dichloroethane	88		88		70-130	0		20
1,1,1-Trichloroethane	93		96		67-130	3		20
Bromodichloromethane	85		90		67-130	6		20
trans-1,3-Dichloropropene	93		98		70-130	5		20
cis-1,3-Dichloropropene	93		99		70-130	6		20
Bromoform	73		83		54-136	13		20
1,1,2,2-Tetrachloroethane	94		96		67-130	2		20
Benzene	96		100		70-130	4		20
Toluene	100		100		70-130	0		20
Ethylbenzene	100		110		70-130	10		20
Chloromethane	96		100		64-130	4		20
Bromomethane	77		78		39-139	1		20
Vinyl chloride	94		100		55-140	6		20

Lab Control Sample Analysis

Batch Quality Control

Project Name: FORMER ROXY DRY CLEANERS

Project Number: Not Specified

Lab Number: L2167544

Report Date: 12/23/21

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 09 Batch: WG1585676-3 WG1585676-4								
Chloroethane	100		98		55-138	2		20
1,1-Dichloroethene	96		110		61-145	14		20
trans-1,2-Dichloroethene	94		99		70-130	5		20
Trichloroethene	85		92		70-130	8		20
1,2-Dichlorobenzene	91		96		70-130	5		20
1,3-Dichlorobenzene	91		98		70-130	7		20
1,4-Dichlorobenzene	92		100		70-130	8		20
Methyl tert butyl ether	83		89		63-130	7		20
p/m-Xylene	105		110		70-130	5		20
o-Xylene	100		105		70-130	5		20
cis-1,2-Dichloroethene	90		98		70-130	9		20
Styrene	105		110		70-130	5		20
Dichlorodifluoromethane	94		100		36-147	6		20
Acetone	74		88		58-148	17		20
Carbon disulfide	100		110		51-130	10		20
2-Butanone	76		88		63-138	15		20
4-Methyl-2-pentanone	78		90		59-130	14		20
2-Hexanone	83		86		57-130	4		20
Bromochloromethane	92		88		70-130	4		20
1,2-Dibromoethane	90		92		70-130	2		20
1,2-Dibromo-3-chloropropane	63		83		41-144	27	Q	20
Isopropylbenzene	99		110		70-130	11		20
1,2,3-Trichlorobenzene	82		90		70-130	9		20

Lab Control Sample Analysis**Batch Quality Control****Project Name:** FORMER ROXY DRY CLEANERS**Lab Number:** L2167544**Project Number:** Not Specified**Report Date:** 12/23/21

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 09 Batch: WG1585676-3 WG1585676-4								
1,2,4-Trichlorobenzene	91		91		70-130	0		20
Methyl Acetate	90		100		70-130	11		20
Cyclohexane	94		100		70-130	6		20
1,4-Dioxane	104		116		56-162	11		20
Freon-113	100		100		70-130	0		20
Methyl cyclohexane	100		100		70-130	0		20

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
1,2-Dichloroethane-d4	93		95		70-130
Toluene-d8	103		102		70-130
4-Bromofluorobenzene	97		100		70-130
Dibromofluoromethane	95		94		70-130

Lab Control Sample Analysis

Batch Quality Control

Project Name: FORMER ROXY DRY CLEANERS

Project Number: Not Specified

Lab Number: L2167544

Report Date: 12/23/21

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 08 Batch: WG1586166-3 WG1586166-4								
Methylene chloride	100		110		70-130	10		20
1,1-Dichloroethane	120		120		70-130	0		20
Chloroform	100		100		70-130	0		20
Carbon tetrachloride	96		95		63-132	1		20
1,2-Dichloropropane	110		110		70-130	0		20
Dibromochloromethane	87		91		63-130	4		20
1,1,2-Trichloroethane	88		92		70-130	4		20
Tetrachloroethene	100		100		70-130	0		20
Chlorobenzene	110		110		75-130	0		20
Trichlorofluoromethane	120		120		62-150	0		20
1,2-Dichloroethane	100		110		70-130	10		20
1,1,1-Trichloroethane	100		100		67-130	0		20
Bromodichloromethane	94		95		67-130	1		20
trans-1,3-Dichloropropene	80		83		70-130	4		20
cis-1,3-Dichloropropene	88		90		70-130	2		20
Bromoform	77		80		54-136	4		20
1,1,2,2-Tetrachloroethane	86		91		67-130	6		20
Benzene	100		100		70-130	0		20
Toluene	100		110		70-130	10		20
Ethylbenzene	110		110		70-130	0		20
Chloromethane	130		130		64-130	0		20
Bromomethane	86		81		39-139	6		20
Vinyl chloride	140		140		55-140	0		20

Lab Control Sample Analysis

Batch Quality Control

Project Name: FORMER ROXY DRY CLEANERS

Project Number: Not Specified

Lab Number: L2167544

Report Date: 12/23/21

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 08 Batch: WG1586166-3 WG1586166-4								
Chloroethane	140	Q	140	Q	55-138	0		20
1,1-Dichloroethene	120		120		61-145	0		20
trans-1,2-Dichloroethene	110		110		70-130	0		20
Trichloroethene	100		100		70-130	0		20
1,2-Dichlorobenzene	95		98		70-130	3		20
1,3-Dichlorobenzene	98		100		70-130	2		20
1,4-Dichlorobenzene	98		100		70-130	2		20
Methyl tert butyl ether	82		88		63-130	7		20
p/m-Xylene	105		105		70-130	0		20
o-Xylene	105		105		70-130	0		20
cis-1,2-Dichloroethene	100		100		70-130	0		20
Styrene	100		100		70-130	0		20
Dichlorodifluoromethane	120		110		36-147	9		20
Acetone	83		92		58-148	10		20
Carbon disulfide	120		120		51-130	0		20
2-Butanone	88		97		63-138	10		20
4-Methyl-2-pentanone	77		84		59-130	9		20
2-Hexanone	82		91		57-130	10		20
Bromochloromethane	100		100		70-130	0		20
1,2-Dibromoethane	86		90		70-130	5		20
1,2-Dibromo-3-chloropropane	66		75		41-144	13		20
Isopropylbenzene	110		110		70-130	0		20
1,2,3-Trichlorobenzene	74		82		70-130	10		20

Lab Control Sample Analysis

Batch Quality Control

Project Name: FORMER ROXY DRY CLEANERS

Project Number: Not Specified

Lab Number: L2167544

Report Date: 12/23/21

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 08 Batch: WG1586166-3 WG1586166-4								
1,2,4-Trichlorobenzene	81		86		70-130	6		20
Methyl Acetate	91		98		70-130	7		20
Cyclohexane	140	Q	140	Q	70-130	0		20
1,4-Dioxane	102		100		56-162	2		20
Freon-113	120		120		70-130	0		20
Methyl cyclohexane	100		100		70-130	0		20

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
1,2-Dichloroethane-d4	105		108		70-130
Toluene-d8	104		105		70-130
4-Bromofluorobenzene	99		100		70-130
Dibromofluoromethane	104		106		70-130

Lab Control Sample Analysis

Batch Quality Control

Project Name: FORMER ROXY DRY CLEANERS

Project Number: Not Specified

Lab Number: L2167544

Report Date: 12/23/21

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 10 Batch: WG1586757-3 WG1586757-4								
Methylene chloride	100		100		70-130	0		20
1,1-Dichloroethane	120		120		70-130	0		20
Chloroform	100		100		70-130	0		20
Carbon tetrachloride	89		94		63-132	5		20
1,2-Dichloropropane	110		120		70-130	9		20
Dibromochloromethane	91		97		63-130	6		20
1,1,2-Trichloroethane	94		100		70-130	6		20
Tetrachloroethene	98		100		70-130	2		20
Chlorobenzene	100		110		75-130	10		20
Trichlorofluoromethane	110		110		62-150	0		20
1,2-Dichloroethane	110		110		70-130	0		20
1,1,1-Trichloroethane	95		97		67-130	2		20
Bromodichloromethane	92		96		67-130	4		20
trans-1,3-Dichloropropene	83		90		70-130	8		20
cis-1,3-Dichloropropene	89		93		70-130	4		20
Bromoform	82		89		54-136	8		20
1,1,2,2-Tetrachloroethane	93		100		67-130	7		20
Benzene	100		100		70-130	0		20
Toluene	100		110		70-130	10		20
Ethylbenzene	100		110		70-130	10		20
Chloromethane	130		130		64-130	0		20
Bromomethane	90		78		39-139	14		20
Vinyl chloride	130		130		55-140	0		20

Lab Control Sample Analysis Batch Quality Control

Project Name: FORMER ROXY DRY CLEANERS

Project Number: Not Specified

Lab Number: L2167544

Report Date: 12/23/21

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 10 Batch: WG1586757-3 WG1586757-4								
Chloroethane	120		130		55-138	8		20
1,1-Dichloroethene	110		110		61-145	0		20
trans-1,2-Dichloroethene	100		100		70-130	0		20
Trichloroethene	98		100		70-130	2		20
1,2-Dichlorobenzene	96		100		70-130	4		20
1,3-Dichlorobenzene	97		100		70-130	3		20
1,4-Dichlorobenzene	96		100		70-130	4		20
Methyl tert butyl ether	90		100		63-130	11		20
p/m-Xylene	100		105		70-130	5		20
o-Xylene	100		105		70-130	5		20
cis-1,2-Dichloroethene	100		100		70-130	0		20
Styrene	100		105		70-130	5		20
Dichlorodifluoromethane	100		100		36-147	0		20
Acetone	100		110		58-148	10		20
Carbon disulfide	110		110		51-130	0		20
2-Butanone	94		110		63-138	16		20
4-Methyl-2-pentanone	88		100		59-130	13		20
2-Hexanone	95		110		57-130	15		20
Bromochloromethane	100		100		70-130	0		20
1,2-Dibromoethane	91		99		70-130	8		20
1,2-Dibromo-3-chloropropane	75		86		41-144	14		20
Isopropylbenzene	100		110		70-130	10		20
1,2,3-Trichlorobenzene	84		93		70-130	10		20

Lab Control Sample Analysis

Batch Quality Control

Project Name: FORMER ROXY DRY CLEANERS

Lab Number: L2167544

Project Number: Not Specified

Report Date: 12/23/21

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 10 Batch: WG1586757-3 WG1586757-4								
1,2,4-Trichlorobenzene	85		93		70-130	9		20
Methyl Acetate	100		110		70-130	10		20
Cyclohexane	130		130		70-130	0		20
1,4-Dioxane	92		96		56-162	4		20
Freon-113	110		110		70-130	0		20
Methyl cyclohexane	94		97		70-130	3		20

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
1,2-Dichloroethane-d4	109		111		70-130
Toluene-d8	105		105		70-130
4-Bromofluorobenzene	99		100		70-130
Dibromofluoromethane	103		103		70-130

Project Name: FORMER ROXY DRY CLEANERS**Lab Number:** L2167544**Project Number:** Not Specified**Report Date:** 12/23/21**Sample Receipt and Container Information**

Were project specific reporting limits specified?

YES

Cooler Information

Cooler	Custody Seal
A	Absent

Container Information

Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
L2167544-01A	Vial HCl preserved	A	NA		3.4	Y	Absent		NYTCL-8260-R2(14)
L2167544-01B	Vial HCl preserved	A	NA		3.4	Y	Absent		NYTCL-8260-R2(14)
L2167544-01C	Vial HCl preserved	A	NA		3.4	Y	Absent		NYTCL-8260-R2(14)
L2167544-02A	Vial HCl preserved	A	NA		3.4	Y	Absent		NYTCL-8260-R2(14)
L2167544-02B	Vial HCl preserved	A	NA		3.4	Y	Absent		NYTCL-8260-R2(14)
L2167544-02C	Vial HCl preserved	A	NA		3.4	Y	Absent		NYTCL-8260-R2(14)
L2167544-03A	Vial HCl preserved	A	NA		3.4	Y	Absent		NYTCL-8260-R2(14)
L2167544-03B	Vial HCl preserved	A	NA		3.4	Y	Absent		NYTCL-8260-R2(14)
L2167544-03C	Vial HCl preserved	A	NA		3.4	Y	Absent		NYTCL-8260-R2(14)
L2167544-04A	Vial HCl preserved	A	NA		3.4	Y	Absent		NYTCL-8260-R2(14)
L2167544-04B	Vial HCl preserved	A	NA		3.4	Y	Absent		NYTCL-8260-R2(14)
L2167544-04C	Vial HCl preserved	A	NA		3.4	Y	Absent		NYTCL-8260-R2(14)
L2167544-05A	Vial HCl preserved	A	NA		3.4	Y	Absent		NYTCL-8260-R2(14)
L2167544-05B	Vial HCl preserved	A	NA		3.4	Y	Absent		NYTCL-8260-R2(14)
L2167544-05C	Vial HCl preserved	A	NA		3.4	Y	Absent		NYTCL-8260-R2(14)
L2167544-06A	Vial HCl preserved	A	NA		3.4	Y	Absent		NYTCL-8260-R2(14)
L2167544-06B	Vial HCl preserved	A	NA		3.4	Y	Absent		NYTCL-8260-R2(14)
L2167544-06C	Vial HCl preserved	A	NA		3.4	Y	Absent		NYTCL-8260-R2(14)
L2167544-07A	Vial HCl preserved	A	NA		3.4	Y	Absent		NYTCL-8260-R2(14)
L2167544-07B	Vial HCl preserved	A	NA		3.4	Y	Absent		NYTCL-8260-R2(14)
L2167544-07C	Vial HCl preserved	A	NA		3.4	Y	Absent		NYTCL-8260-R2(14)
L2167544-08A	Vial HCl preserved	A	NA		3.4	Y	Absent		NYTCL-8260-R2(14)
L2167544-08B	Vial HCl preserved	A	NA		3.4	Y	Absent		NYTCL-8260-R2(14)

Project Name: FORMER ROXY DRY CLEANERS**Lab Number:** L2167544**Project Number:** Not Specified**Report Date:** 12/23/21**Container Information**

Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
L2167544-08C	Vial HCl preserved	A	NA		3.4	Y	Absent		NYTCL-8260-R2(14)
L2167544-09A	Vial HCl preserved	A	NA		3.4	Y	Absent		NYTCL-8260-R2(14)
L2167544-09B	Vial HCl preserved	A	NA		3.4	Y	Absent		NYTCL-8260-R2(14)
L2167544-09C	Vial HCl preserved	A	NA		3.4	Y	Absent		NYTCL-8260-R2(14)
L2167544-10A	Vial HCl preserved	A	NA		3.4	Y	Absent		NYTCL-8260-R2(14)
L2167544-10B	Vial HCl preserved	A	NA		3.4	Y	Absent		NYTCL-8260-R2(14)
L2167544-10C	Vial HCl preserved	A	NA		3.4	Y	Absent		NYTCL-8260-R2(14)

Project Name: FORMER ROXY DRY CLEANERS**Lab Number:** L2167544**Project Number:** Not Specified**Report Date:** 12/23/21

GLOSSARY

Acronyms

DL	- Detection Limit: This value represents the level to which target analyte concentrations are reported as estimated values, when those target analyte concentrations are quantified below the limit of quantitation (LOQ). The DL includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.)
EDL	- Estimated Detection Limit: This value represents the level to which target analyte concentrations are reported as estimated values, when those target analyte concentrations are quantified below the reporting limit (RL). The EDL includes any adjustments from dilutions, concentrations or moisture content, where applicable. The use of EDLs is specific to the analysis of PAHs using Solid-Phase Microextraction (SPME).
EMPC	- Estimated Maximum Possible Concentration: The concentration that results from the signal present at the retention time of an analyte when the ions meet all of the identification criteria except the ion abundance ratio criteria. An EMPC is a worst-case estimate of the concentration.
EPA	- Environmental Protection Agency.
LCS	- Laboratory Control Sample: A sample matrix, free from the analytes of interest, spiked with verified known amounts of analytes or a material containing known and verified amounts of analytes.
LCSD	- Laboratory Control Sample Duplicate: Refer to LCS.
LFB	- Laboratory Fortified Blank: A sample matrix, free from the analytes of interest, spiked with verified known amounts of analytes or a material containing known and verified amounts of analytes.
LOD	- Limit of Detection: This value represents the level to which a target analyte can reliably be detected for a specific analyte in a specific matrix by a specific method. The LOD includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.)
LOQ	- Limit of Quantitation: The value at which an instrument can accurately measure an analyte at a specific concentration. The LOQ includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.) Limit of Quantitation: The value at which an instrument can accurately measure an analyte at a specific concentration. The LOQ includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.)
MDL	- Method Detection Limit: This value represents the level to which target analyte concentrations are reported as estimated values, when those target analyte concentrations are quantified below the reporting limit (RL). The MDL includes any adjustments from dilutions, concentrations or moisture content, where applicable.
MS	- Matrix Spike Sample: A sample prepared by adding a known mass of target analyte to a specified amount of matrix sample for which an independent estimate of target analyte concentration is available. For Method 332.0, the spike recovery is calculated using the native concentration, including estimated values.
MSD	- Matrix Spike Sample Duplicate: Refer to MS.
NA	- Not Applicable.
NC	- Not Calculated: Term is utilized when one or more of the results utilized in the calculation are non-detect at the parameter's reporting unit.
NDPA/DPA	- N-Nitrosodiphenylamine/Diphenylamine.
NI	- Not Ignitable.
NP	- Non-Plastic: Term is utilized for the analysis of Atterberg Limits in soil.
NR	- No Results: Term is utilized when 'No Target Compounds Requested' is reported for the analysis of Volatile or Semivolatile Organic TIC only requests.
RL	- Reporting Limit: The value at which an instrument can accurately measure an analyte at a specific concentration. The RL includes any adjustments from dilutions, concentrations or moisture content, where applicable.
RPD	- Relative Percent Difference: The results from matrix and/or matrix spike duplicates are primarily designed to assess the precision of analytical results in a given matrix and are expressed as relative percent difference (RPD). Values which are less than five times the reporting limit for any individual parameter are evaluated by utilizing the absolute difference between the values; although the RPD value will be provided in the report.
SRM	- Standard Reference Material: A reference sample of a known or certified value that is of the same or similar matrix as the associated field samples.
STLP	- Semi-dynamic Tank Leaching Procedure per EPA Method 1315.
TEF	- Toxic Equivalency Factors: The values assigned to each dioxin and furan to evaluate their toxicity relative to 2,3,7,8-TCDD.
TEQ	- Toxic Equivalent: The measure of a sample's toxicity derived by multiplying each dioxin and furan by its corresponding TEF and then summing the resulting values.
TIC	- Tentatively Identified Compound: A compound that has been identified to be present and is not part of the target compound list (TCL) for the method and/or program. All TICs are qualitatively identified and reported as estimated concentrations.

Report Format: DU Report with 'J' Qualifiers

Project Name: FORMER ROXY DRY CLEANERS**Lab Number:** L2167544**Project Number:** Not Specified**Report Date:** 12/23/21**Footnotes**

- 1 - The reference for this analyte should be considered modified since this analyte is absent from the target analyte list of the original method.

Terms

Analytical Method: Both the document from which the method originates and the analytical reference method. (Example: EPA 8260B is shown as 1,8260B.) The codes for the reference method documents are provided in the References section of the Addendum.

Difference: With respect to Total Oxidizable Precursor (TOP) Assay analysis, the difference is defined as the Post-Treatment value minus the Pre-Treatment value.

Final pH: As it pertains to Sample Receipt & Container Information section of the report, Final pH reflects pH of container determined after adjustment at the laboratory, if applicable. If no adjustment required, value reflects Initial pH.

Frozen Date/Time: With respect to Volatile Organics in soil, Frozen Date/Time reflects the date/time at which associated Reagent Water-preserved vials were initially frozen. Note: If frozen date/time is beyond 48 hours from sample collection, value will be reflected in 'bold'.

Initial pH: As it pertains to Sample Receipt & Container Information section of the report, Initial pH reflects pH of container determined upon receipt, if applicable.

PAH Total: With respect to Alkylated PAH analyses, the 'PAHs, Total' result is defined as the summation of results for all or a subset of the following compounds: Naphthalene, C1-C4 Naphthalenes, 2-Methylnaphthalene, 1-Methylnaphthalene, Biphenyl, Acenaphthylene, Acenaphthene, Fluorene, C1-C3 Fluorenes, Phenanthrene, C1-C4 Phenanthrenes/Anthracenes, Anthracene, Fluoranthene, Pyrene, C1-C4 Fluoranthenes/Pyrenes, Benz(a)anthracene, Chrysene, C1-C4 Chrysenes, Benzo(b)fluoranthene, Benzo(j)+(k)fluoranthene, Benzo(e)pyrene, Benzo(a)pyrene, Perylene, Indeno(1,2,3-cd)pyrene, Dibenz(ah)+(ac)anthracene, Benzo(g,h,i)perylene. If a 'Total' result is requested, the results of its individual components will also be reported.

PFAS Total: With respect to PFAS analyses, the 'PFAS, Total (5)' result is defined as the summation of results for: PFHpA, PFHxS, PFOA, PFNA and PFOS. In addition, the 'PFAS, Total (6)' result is defined as the summation of results for: PFHpA, PFHxS, PFOA, PFNA, PFDA and PFOS. For MassDEP DW compliance analysis only, the 'PFAS, Total (6)' result is defined as the summation of results at or above the RL. Note: If a 'Total' result is requested, the results of its individual components will also be reported.

The target compound Chlordane (CAS No. 57-74-9) is reported for GC ECD analyses. Per EPA, this compound "refers to a mixture of chlordane isomers, other chlorinated hydrocarbons and numerous other components." (Reference: USEPA Toxicological Review of Chlordane, In Support of Summary Information on the Integrated Risk Information System (IRIS), December 1997.)

Total: With respect to Organic analyses, a 'Total' result is defined as the summation of results for individual isomers or Aroclors. If a 'Total' result is requested, the results of its individual components will also be reported. This is applicable to 'Total' results for methods 8260, 8081 and 8082.

Data Qualifiers

- A** - Spectra identified as "Aldol Condensates" are byproducts of the extraction/concentration procedures when acetone is introduced in the process.
- B** - The analyte was detected above the reporting limit in the associated method blank. Flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank. For MCP-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank. For DOD-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank AND the analyte was detected above one-half the reporting limit (or above the reporting limit for common lab contaminants) in the associated method blank. For NJ-Air-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte above the reporting limit. For NJ-related projects (excluding Air), flag only applies to associated field samples that have detectable concentrations of the analyte, which was detected above the reporting limit in the associated method blank or above five times the reporting limit for common lab contaminants (Phthalates, Acetone, Methylene Chloride, 2-Butanone).
- C** - Co-elution: The target analyte co-elutes with a known lab standard (i.e. surrogate, internal standards, etc.) for co-extracted analyses.
- D** - Concentration of analyte was quantified from diluted analysis. Flag only applies to field samples that have detectable concentrations of the analyte.
- E** - Concentration of analyte exceeds the range of the calibration curve and/or linear range of the instrument.
- F** - The ratio of quantifier ion response to qualifier ion response falls outside of the laboratory criteria. Results are considered to be an estimated maximum concentration.
- G** - The concentration may be biased high due to matrix interferences (i.e. co-elution) with non-target compound(s). The result should be considered estimated.
- H** - The analysis of pH was performed beyond the regulatory-required holding time of 15 minutes from the time of sample collection.
- I** - The lower value for the two columns has been reported due to obvious interference.
- J** - Estimated value. The Target analyte concentration is below the quantitation limit (RL), but above the Method Detection Limit (MDL) or Estimated Detection Limit (EDL) for SPME-related analyses. This represents an estimated concentration for Tentatively Identified Compounds (TICs).
- M** - Reporting Limit (RL) exceeds the MCP CAM Reporting Limit for this analyte.
- ND** - Not detected at the method detection limit (MDL) for the sample, or estimated detection limit (EDL) for SPME-related analyses.

Report Format: DU Report with 'J' Qualifiers



Project Name: FORMER ROXY DRY CLEANERS**Lab Number:** L2167544**Project Number:** Not Specified**Report Date:** 12/23/21**Data Qualifiers**

- NJ** - Presumptive evidence of compound. This represents an estimated concentration for Tentatively Identified Compounds (TICs), where the identification is based on a mass spectral library search.
- P** - The RPD between the results for the two columns exceeds the method-specified criteria.
- Q** - The quality control sample exceeds the associated acceptance criteria. For DOD-related projects, LCS and/or Continuing Calibration Standard exceedences are also qualified on all associated sample results. Note: This flag is not applicable for matrix spike recoveries when the sample concentration is greater than 4x the spike added or for batch duplicate RPD when the sample concentrations are less than 5x the RL. (Metals only.)
- R** - Analytical results are from sample re-analysis.
- RE** - Analytical results are from sample re-extraction.
- S** - Analytical results are from modified screening analysis.
- V** - The surrogate associated with this target analyte has a recovery outside the QC acceptance limits. (Applicable to MassDEP DW Compliance samples only.)
- Z** - The batch matrix spike and/or duplicate associated with this target analyte has a recovery/RPD outside the QC acceptance limits. (Applicable to MassDEP DW Compliance samples only.)

Project Name: FORMER ROXY DRY CLEANERS**Lab Number:** L2167544**Project Number:** Not Specified**Report Date:** 12/23/21

REFERENCES

- 1 Test Methods for Evaluating Solid Waste: Physical/Chemical Methods. EPA SW-846. Third Edition. Updates I - VI, 2018.

LIMITATION OF LIABILITIES

Alpha Analytical performs services with reasonable care and diligence normal to the analytical testing laboratory industry. In the event of an error, the sole and exclusive responsibility of Alpha Analytical shall be to re-perform the work at it's own expense. In no event shall Alpha Analytical be held liable for any incidental, consequential or special damages, including but not limited to, damages in any way connected with the use of, interpretation of, information or analysis provided by Alpha Analytical.

We strongly urge our clients to comply with EPA protocol regarding sample volume, preservation, cooling, containers, sampling procedures, holding time and splitting of samples in the field.



Alpha Analytical, Inc.

ID No.:17873

Facility: **Company-wide**

Revision 19

Department: **Quality Assurance**

Published Date: 4/2/2021 1:14:23 PM

Title: **Certificate/Approval Program Summary**

Page 1 of 1

Certification Information

The following analytes are not included in our Primary NELAP Scope of Accreditation:

Westborough Facility**EPA 624/624.1:** m/p-xylene, o-xylene, Naphthalene**EPA 625/625.1:** alpha-Terpineol**EPA 8260C/8260D:** NPW: 1,2,4,5-Tetramethylbenzene; 4-Ethyltoluene, Azobenzene; SCM: Iodomethane (methyl iodide), 1,2,4,5-Tetramethylbenzene; 4-Ethyltoluene.**EPA 8270D/8270E:** NPW: Dimethylnaphthalene, 1,4-Diphenylhydrazine, alpha-Terpineol; SCM: Dimethylnaphthalene, 1,4-Diphenylhydrazine.**SM4500:** NPW: Amenable Cyanide; SCM: Total Phosphorus, TKN, NO₂, NO₃.**Mansfield Facility****SM 2540D:** TSS**EPA 8082A:** NPW: PCB: 1, 5, 31, 87, 101, 110, 141, 151, 153, 180, 183, 187.**EPA TO-15:** Halothane, 2,4,4-Trimethyl-2-pentene, 2,4,4-Trimethyl-1-pentene, Thiophene, 2-Methylthiophene,

3-Methylthiophene, 2-Ethylthiophene, 1,2,3-Trimethylbenzene, Indan, Indene, 1,2,4,5-Tetramethylbenzene, Benzothiophene, 1-Methylnaphthalene.

Biological Tissue Matrix: EPA 3050B

The following analytes are included in our Massachusetts DEP Scope of Accreditation

Westborough Facility:**Drinking Water****EPA 300.0:** Chloride, Nitrate-N, Fluoride, Sulfate; **EPA 353.2:** Nitrate-N, Nitrite-N; **SM4500NO3-F:** Nitrate-N, Nitrite-N; **SM4500F-C, SM4500CN-CE,****EPA 180.1, SM2130B, SM4500CI-D, SM2320B, SM2540C, SM4500H-B, SM4500NO2-B****EPA 332:** Perchlorate; **EPA 524.2:** THMs and VOCs; **EPA 504.1:** EDB, DBCP.**Microbiology:** **SM9215B; SM9223-P/A, SM9223B-Colilert-QT, SM9222D.****Non-Potable Water****SM4500H,B, EPA 120.1, SM2510B, SM2540C, SM2320B, SM4500CL-E, SM4500F-BC, SM4500NH3-BH:** Ammonia-N and Kjeldahl-N, **EPA 350.1:**Ammonia-N, **LACHAT 10-107-06-1-B:** Ammonia-N, **EPA 351.1, SM4500NO3-F, EPA 353.2:** Nitrate-N, **SM4500P-E, SM4500P-B, E, SM4500SO4-E,****SM5220D, EPA 410.4, SM5210B, SM5310C, SM4500CL-D, EPA 1664, EPA 420.1, SM4500-CN-CE, SM2540D, EPA 300:** Chloride, Sulfate, Nitrate.**EPA 624.1:** Volatile Halocarbons & Aromatics,**EPA 608.3:** Chlordane, Toxaphene, Aldrin, alpha-BHC, beta-BHC, gamma-BHC, delta-BHC, Dieldrin, DDD, DDE, DDT, Endosulfan I, Endosulfan II,

Endosulfan sulfate, Endrin, Endrin Aldehyde, Heptachlor, Heptachlor Epoxide, PCBs

EPA 625.1: SVOC (Acid/Base/Neutral Extractables), **EPA 600/4-81-045:** PCB-Oil.**Microbiology:** **SM9223B-Colilert-QT; Enterolert-QT, SM9221E, EPA 1600, EPA 1603, SM9222D.****Mansfield Facility:****Drinking Water****EPA 200.7:** Al, Ba, Cd, Cr, Cu, Fe, Mn, Ni, Na, Ag, Ca, Zn. **EPA 200.8:** Al, Sb, As, Ba, Be, Cd, Cr, Cu, Pb, Mn, Ni, Se, Ag, TL, Zn. **EPA 245.1 Hg.****EPA 522, EPA 537.1.****Non-Potable Water****EPA 200.7:** Al, Sb, As, Be, Cd, Ca, Cr, Co, Cu, Fe, Pb, Mg, Mn, Mo, Ni, K, Se, Ag, Na, Sr, TL, Ti, V, Zn.**EPA 200.8:** Al, Sb, As, Be, Cd, Cr, Cu, Fe, Pb, Mn, Ni, K, Se, Ag, Na, TL, Zn.**EPA 245.1 Hg.****SM2340B**

For a complete listing of analytes and methods, please contact your Alpha Project Manager.

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Please print or type

UNIFORM HAZARDOUS WASTE MANIFEST		1. Generator ID Number NYR00188235	2. Page 1 of 1	3. Emergency Response Phone (377) 818-0037	4. Manifest Tracking Number 001931539VES					
5. Generator's Name and Mailing Address FORMER ROXY CLEANERS 156 DELAWARE AVE DELMAR, NY 12054-1302 Generator's Phone: 518 813-3597										
6. Transporter 1 Company Name VEOLIA ES TECHNICAL SOLUTIONS U.S. EPA ID Number: NJD080631369										
7. Transporter 2 Company Name FREEHOLD CARTAGE INC U.S. EPA ID Number: NJD054126164										
8. Designated Facility Name and Site Address VEOLIA ES TECHNICAL SOLUTIONS 123 FACTORY LANE MIDDLESEX, NJ 08846 Facility's Phone: 732 469-5100 U.S. EPA ID Number: NJD002454544										
GENERATOR	9a. HM	9b. U.S. DOT Description (Including Proper Shipping Name, Hazard Class, ID Number, and Packing Group (if any))	10. Containers No. Type		11. Total Quantity	12. Unit Wt./Vol	13. Waste Codes			
	X	HA3082, HAZARDOUS WASTE, LIQUID, n.o.s., (TETRACHLOROETHYLENE, TRICHLOROETHENE), 9, III	1 DM		100	P	F001 B			
	2									
	3									
	4									
14. Special Handling Instructions and Additional Information ER Service Contracted by VESTS - Contract retained by generator confers agency authority on initial transporter to add or substitute additional transporters on generator's behalf - 1) ERG-171 W-742345 A: MARC8W FUEL										
15. GENERATOR'S/OFFEROR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations. If export shipment and I am the Primary Exporter, I certify that the contents of this consignment conform to the terms of the attached EPA Acknowledgment of Consent. I certify that the waste minimization statement identified in 40 CFR 262.27(a) (if I am a large quantity generator) or (b) (if I am a small quantity generator) is true.										
Generator's/Officer's Printed/Typed Name: AGENT for Generator Signature: Will Shippey Month: 10 Day: 23 Year: 22										
TRANSPORTER INTL	16. International Shipments ☐ Import to U.S. ☐ Export from U.S.		Port of entry/exit: _____ Date leaving U.S.: _____							
	Transporter signature (for exports only):									
TRANSPORTER	17. Transporter Acknowledgment of Receipt of Materials		Signature		Month Day Year					
	Transporter 1 Printed/Typed Name: Joseph Van Antwerp		Signature: [Signature]		05 23 22					
DESIGNATED FACILITY	18. Discrepancy									
	18a. Discrepancy Indication Space ☐ Quantity ☐ Type ☐ Residue ☐ Partial Rejection ☐ Full Rejection		Manifest Reference Number: _____							
	18b. Alternate Facility (or Generator)		U.S. EPA ID Number: _____							
	Facility's Phone: _____									
	18c. Signature of Alternate Facility (or Generator)		Month Day Year							
19. Hazardous Waste Report Management Method Codes (i.e., codes for hazardous waste treatment, disposal, and recycling systems)										
1							2	3	4	
20. Designated Facility Owner or Operator. Certification of receipt of hazardous materials covered by the manifest except as noted in item 18a.										
Printed/Typed Name: _____ Signature: _____ Month Day Year										

Land Disposal Restriction Notification Form

Generator Name Former Roxy Cleaners

EPA ID Number NYR00188235

Manifest 001931539VES

This notice is being provided in accordance with 40 CFR 268.7 to inform you that this shipment contains waste restricted from land disposal by the USEPA under the land disposal restriction program. Identified below for each container is the designation of the waste as a wastewater or non-wastewater, the Clean Water Act (CWA) permit status associated with the treatment/disposal facility, applicable waste codes and any corresponding subcategories, list of any F001-F005 solvent constituents that are present in the waste, and any underlying hazardous constituents (UHC) that are present.

This notice is also being provided in accordance with 6 NYCRR 376.1(g)(1).

Container Number: **HF-3981279000-001 (1/ 1)**

WIP / Approval Code: **742345 / MARCSWFUEL**

Form Designation / CWA Status: **Wastewater / Non-CWA**

Waste Codes (Subcategories): **F001**

Constituents (F001 - F005): **None**

UHCs Present: **Not Applicable**

Treatment Requirements: **Restricted waste requires treatment to applicable standards.**

Additional Notices:

I hereby certify that all information in this and associated land disposal restriction documents is complete and accurate to the best of my knowledge and information.

Signature *[Signature]*

Title *Agent for Generator*

Date *5/23/22*

Activity Report

JOB TRK: J-1EF-4A0-DD57

JOB NO: 3961279000

WO NO: 3961279000

BILL DOC NO: HF20520004

EPA ID: NYR00100235

BT Acnt ID (Cust#): 17211 (638203)

SL Acnt ID (Gen#): 44637 (639838)

BILL TO: CORBETT INDUSTRIAL CLEANING

19 Trumpeter Place

Slingerlands, NY 12159

(518) 560-8102

JOB SITE: Former Roxy Cleaners

150 DELAWARE AVE

DELMAR, NY 12054-1302

(518) 888-7393

CONTACT: CRAIG CORBETT

CONTACT: LYNNE FARRELL

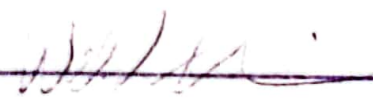
MANIFEST NUMBER(S):

Non-Disposals

CUSTOMER P.O. NUMBER	PROJECT NUMBER	SHIP DATE	TERR.			
		05/23/2022	NY1			
DESCRIPTION	# CONT.	CONT./CODE	QTY	UOM	PGALN	WASTE AM
05/23/2022 Trans. - Mobilization, 0-25 Miles		TRANS44	1	EACH	/	
05/23/2022 Fees. - E-Manifest		FEE10	1	EACH	/	
05/23/2022 Fees. - Energy, Security & Insurance Surcharge - On contract		FEE160	1	PERCNT	/	

Total Hours: 0

Comments:

Signature: Print Name: 

Customer authorizes Contractor to make changes on Customer's behalf in regards to transporters used and to per the Services, including adding or changing transporters listed on manifests. If Customer provides an approved transporter list in writing to Contractor at the time Customer executes this Agreement, Contractor shall select only the transporters on that list when providing transportation services to Customer. If Customer does not provide an approved transporter list in writing to Contractor at the time Customer executes this Agreement, Customer authorizes Contractor to select any permitted transporter to provide transportation services to Customer.

Ecologia ES Technical Solutions, L.L.C. is permitted for and has capacity to accept waste listed above in container quantities

APPENDIX D.3

December 20, 2022 Sampling Event



PRECISION
ENVIRONMENTAL SERVICES, INC.
831 RT 67 LOT 38 A
BALSTON SPA NY 12020
TEL: 518-885-4399
FAX: 518-885-4418

CERTIFIED WOMEN-OWNED BUSINESS ENTERPRISE

Work Ticket

Site: Former Delmar Roxy

Location: 154 Delaware Ave Delmar 12054

Client: Hennessy Engineering

PES No. _____

Spill Number: _____

PIN: _____

Date of Work: Thursday, December 15, 2022

PM: Hennessy

Personnel Assigned: _____

Labor Category: _____

Est. Travel Time: 1 hour each way

Est. Site Time: 6

GENERAL WORK SCOPE

Analytical to Alpha Lab 14 Walker Way off Central Avenue. If need voas can pick up if possible on way.

1. take round of samples, 8260 on 7 MW's, map attached. Also need to do DUPE, Field Blank, Trip blank and MS/MSD. DUPE on MW-1 if ok.

All wells are 2".

Need 1 DRUM for wells 1,3,5,6 only. leave on site. Purge 3 volumes of water from each well before sampling
MW-1 is not so note that on chain so their dilution is right.

Take neat purge/well notes, DEC wants it all, they are reviewer, not client.

Drop samples off at Alpha Lab 14 Walker Way off Central Avenue invoice to Hennessy

Sample:

☐ YES

☐ NO

System Check:

☐ YES

☐ NO

Laboratory: ALPHA

Analysis: EPA Method 8260

3 HCL VOAS Each

TAT: Standard

Equipment: Pickup Truck

bailers

PID

Interface probe

Materials: VOAS w/ HCL

Nitrile Gloves 5 gallon buckets

CoCs

Labels Sample Kit

Cooler w/ ice

Sign & Date Work

Completed



 M-2R
 202.B1
 NO POE
 NO TCE
 NO ch CDE
 0.11 VC

APPROX. CONTAMINATION
REMAINING AFTER REMEDIATION



Site: Former Delmar Roxv

Time: 0830

Weather: Cloudy 30s

Company: PES

Inspector: PS

Signature:

WELL ID: M-4

Protective Casing: Yes / Good

Lock/Hasp: yes / local

Hinge/Lid: Yes / Lid

Well Pad: Yes / Broken

Bollards: *no*

Label/ID: No

Other (Specify):

Well Riser:

Annular Space:

Well Cap/Plug: P/L

Well Diameter: 2"

Depth to Water: 3.14

Depth to Bottom: 21.35

Other (Specify): Purge Amount 9.28 gallons

Purging/
Sampling
Device

2" Bulb

Tubing
Type:

Tubing Inlet
Location:

Sensing Equipment:

Sampling Personnel:

Notes/Comments:

Sampled $n = 1300$

MONITORING WELL INSPECTION FORM AND PURGE LOG

Site: Former Delmar Rwy

Date: 12/15/22

Time: 0900

Weather: Cloudy 30s

Company: PES

Inspector: PS

Signature: _____

WELL ID: _____

M-2DR

EXTERIOR ITEMS:

Protective Casing:

Yes

Lock/Hasp:

Yes / No

Hinge/Lid:

Yes / Lid

Well Pad:

Yes / Good shape

Bollards:

No

Label/ID:

No

Other (Specify):

INTERIOR ITEMS:

Well Riser:

Annular Space:

Well Cap/Plug:

Ph. w.

Well Diameter:

 2^n

Depth to Water:

8.31

Depth to Bottom:

47.50

Other (Specify):

Purge Amount 19.99 gallons

Purging/
Sampling
Device

2" Bailey

Tubing
Type:

**Tubing Inlet
Location:**

[illegible]

Sensing Equipment:

Sampling Personnel:

Notes/Comments:

Color white purge - clear to silty gray

Sampled @ 1305

Site: Former Delmar Rocky

Company: PES

Inspector: PS

Signature: 

EXTERIOR ITEMS:

Lock/Hasp: Yes/No

Hinge/Lid: Yes/Lid

Well Pad: Yes / Good

Bollards: No

Label/ID: 10

Other (Specify): _____

Well Riser: _____

Annular Space:

Well Cap/Plug: Plug

Well Diameter: 2" ϕ

Depth to Water: 1.03

Depth to Bottom: 23.40

Other (Specify): Pure Asset 11.38 million

2. Back

Tubing
Type:

**Tubing Inlet
Location:**

Sensing Equipment:

Sampling Personnel: BS

Notes/Comments: Color white porous - class

Sampled @ 1310

MONITORING WELL INSPECTION FORM AND PURGE LOG

Site: Former Delmar Raxy

Date: 12/15/22

Time: 1015

Weather: Cloudy 30

Company: PE5

Inspector: *PS*

Signature: _____

WELL ID: M-1

EXTERIOR ITEMS:

Protective Casing: Yes

Lock/Hasp: Yes / Lock

Hinge/Lid: Yes / L.d

Well Pad: Yes / Good

Bollards: *No*

Label/ID: *Na*

Other (Specify):

INTERIOR ITEMS:

Well Riser:

Annular Space:

Well Cap/Plug: Plug

Well Diameter: 2"

Depth to Water: 1.20

Depth to Bottom: 18.00

Other (Specify): Purge Amount 8.57 gallons; purge water stored in drum

Purging/
Sampling
Device

2" Butler

Tubing
Type:

**Tubing Inlet
Location:**

[illegible]

Sensing Equipment:

Sampling Personnel:

Notes/Comments:

Notes/Comments: 8. Runoff from snowbank I think is coming in from under the roadbox, not going down the well it seems. Color white purple silty gray
Sampled @ 1315 ; Dup taken here

MONITORING WELL INSPECTION FORM AND PURGE LOG

Site: Former Delmar Roxy

Date: 12/15/21

Time: 1045

Weather: Cloudy 30s

Company: PES

Inspector: PS

Signature: _____

WELL ID: M-5

EXTERIOR ITEMS:

Protective Casing: Yes

Lock/Hasp: NO

Hinge/Lid: Yes / Lid

Well Pad: Yes / Good

Bollards:

Label/ID: No

Other (Specify):

INTERIOR ITEMS:

Well Riser:

Annular Space:

Well Cap/Plug: Cap

Well Diameter: $2''$

Depth to Water: ~~3.25~~ 2.75

Depth to Bottom: 22.86

Other (Specify): Purge Amount ~~2000~~ 10.23 gallons; purge water stored in drum

Purging/
Sampling
Device

2. Biber

Tubing
Type:

**Tubing Inlet
Location:**

[illegible]

Sensing Equipment:

Sampling Personnel:

Notes/Comments:

Sampled @ 1320

MONITORING WELL INSPECTION FORM AND PURGE LOG

Site: Former Delmar Park

Date: 12/15/22

Time: 1115

Weather: Cloudy 30s

Company: PDS

Inspector: AT

Signature: [Signature]

WELL ID: M-3

EXTERIOR ITEMS:

Protective Casing: Yes

Lock/Hasp: Yes / Lock

Hinge/Lid: Yes / Lid

Well Pad: Yes / Good

Bollards: No

Label/ID: No

Other (Specify): _____

INTERIOR ITEMS:

Well Riser: _____
Annular Space: _____
Well Cap/Plug: PLUG
Well Diameter: 2" Ø
Depth to Water: 2.15
Depth to Bottom: ~~10.00~~
Other (Specify): PURCH AMOUNT ~~10.00~~ ~~4.00~~ 9.89

Purging/
Sampling
Device

2^u Ba. 1er

Tubing
Type:

**Tubing Inlet
Location:**

[illegible]

Sensing Equipment:

Sampling Personnel:

Notes/Comments:

Sampled at 1325 ; m_5/m_{50} taken here

MONITORING WELL INSPECTION FORM AND PURGE LOG

Site: Former Delmar Rwy

Date: 12/15/22

Time: 1145

Weather: Cloudy 30s

Company: *PE5*

Inspector: PS

Signature: _____

WELL ID: M-6

EXTERIOR ITEMS:

Protective Casing: Yes

Lock/Hasp: Yes / Lock

Hinge/Lid: Yes/Lid

Well Pad: Yes / good

Bollards: No

Label/ID: *No*

Other (Specify):

INTERIOR ITEMS:

Well Riser:

Annular Space:

Well Cap/Plug: *Plug*

Well Diameter: 2"

Depth to Water: 2.46

Depth to Bottom: 20.66

Other (Specify): Purge Amount 9.25 gallons; Purge water stored in drum

Purging/
Sampling
Device

2" Butler

Tubing
Type:

**Tubing Inlet
Location:**

[illegible]

Sensing Equipment:

Sampling Personnel:

Notes/Comments:

Sampled @ 1335



Geology

Hydrology

Remediation

Water Supply

January 19, 2023

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
December 2022 Ground Water Event

Dear Mr. Hennessy:

The data usability summary report and data validation summary are attached to this letter for the Roxy Cleaners, December 2022 ground water event. The data for Phoenix Environmental Laboratories, Inc, SDG number: GCN06061 are acceptable with some minor issues identified in the validation summary. There are no data that were qualified as either rejected (R) or estimated 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



Geology

Hydrology

Remediation

Water Supply

**Data Usability Summary Report for
Phoenix Environmental Laboratories, Inc.
SDG: GCN06061**

**7 Ground Water Samples, 1 Field Duplicate,
1 Field Blank, and 1 Trip Blank
Collected December 15, 2022**

Prepared by: Donald Anné
January 19, 2023

The data packages contain the documentation 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 for 7 ground water samples, 1 field duplicate, 1 field blank, and 1 trip blank analyzed for volatiles.

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

The data are acceptable with some minor issues that are identified in the accompanying data validation reviews. There were no data that were flagged as either rejected (R) or estimated; therefore, all data are considered usable. Detailed information on data quality is included in the data validation review.

Qualified Data Section

(No Data Qualified)



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



Analysis Report

January 16, 2023

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:
Received by: CP
Analyzed by: see "By" below

Date

12/15/22
12/15/22

Time

13:00
17:14

Laboratory Data

SDG ID: GCN06061
Phoenix ID: CN06061

Project ID: FORMER DELMAR
Client ID: M-4

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
Volatiles								
1,1,1,2-Tetrachloroethane	ND	1.0	0.25	ug/L	1	12/16/22	HM	SW8260C
1,1,1-Trichloroethane	ND	1.0	0.25	ug/L	1	12/16/22	HM	SW8260C
1,1,2,2-Tetrachloroethane	ND	0.50	0.25	ug/L	1	12/16/22	HM	SW8260C
1,1,2-Trichloroethane	ND	1.0	0.25	ug/L	1	12/16/22	HM	SW8260C
1,1-Dichloroethane	ND	1.0	0.25	ug/L	1	12/16/22	HM	SW8260C
1,1-Dichloroethene	ND	1.0	0.25	ug/L	1	12/16/22	HM	SW8260C
1,1-Dichloropropene	ND	1.0	0.25	ug/L	1	12/16/22	HM	SW8260C
1,2,3-Trichlorobenzene	ND	1.0	0.25	ug/L	1	12/16/22	HM	SW8260C
1,2,3-Trichloropropane	ND	1.0	0.25	ug/L	1	12/16/22	HM	SW8260C
1,2,4-Trichlorobenzene	ND	1.0	0.25	ug/L	1	12/16/22	HM	SW8260C
1,2,4-Trimethylbenzene	ND	1.0	0.25	ug/L	1	12/16/22	HM	SW8260C
1,2-Dibromo-3-chloropropane	ND	1.0	0.50	ug/L	1	12/16/22	HM	SW8260C
1,2-Dibromoethane	ND	1.0	0.25	ug/L	1	12/16/22	HM	SW8260C
1,2-Dichlorobenzene	ND	1.0	0.25	ug/L	1	12/16/22	HM	SW8260C
1,2-Dichloroethane	ND	0.60	0.25	ug/L	1	12/16/22	HM	SW8260C
1,2-Dichloropropane	ND	1.0	0.25	ug/L	1	12/16/22	HM	SW8260C
1,3,5-Trimethylbenzene	ND	1.0	0.25	ug/L	1	12/16/22	HM	SW8260C
1,3-Dichlorobenzene	ND	1.0	0.25	ug/L	1	12/16/22	HM	SW8260C
1,3-Dichloropropane	ND	1.0	0.25	ug/L	1	12/16/22	HM	SW8260C
1,4-Dichlorobenzene	ND	1.0	0.25	ug/L	1	12/16/22	HM	SW8260C
2,2-Dichloropropane	ND	1.0	0.25	ug/L	1	12/16/22	HM	SW8260C
2-Chlorotoluene	ND	1.0	0.25	ug/L	1	12/16/22	HM	SW8260C
2-Hexanone	ND	5.0	2.5	ug/L	1	12/16/22	HM	SW8260C
2-Isopropyltoluene	ND	1.0	0.25	ug/L	1	12/16/22	HM	SW8260C
4-Chlorotoluene	ND	1.0	0.25	ug/L	1	12/16/22	HM	SW8260C
4-Methyl-2-pentanone	ND	5.0	2.5	ug/L	1	12/16/22	HM	SW8260C

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
Acetone	ND	25	2.5	ug/L	1	12/16/22	HM	SW8260C
Acrylonitrile	ND	1.0	0.25	ug/L	1	12/16/22	HM	SW8260C
Benzene	ND	0.70	0.25	ug/L	1	12/16/22	HM	SW8260C
Bromobenzene	ND	1.0	0.25	ug/L	1	12/16/22	HM	SW8260C
Bromochloromethane	ND	1.0	0.25	ug/L	1	12/16/22	HM	SW8260C
Bromodichloromethane	ND	0.50	0.25	ug/L	1	12/16/22	HM	SW8260C
Bromoform	ND	1.0	0.25	ug/L	1	12/16/22	HM	SW8260C
Bromomethane	ND	1.0	0.25	ug/L	1	12/16/22	HM	SW8260C
Carbon Disulfide	ND	5.0	0.25	ug/L	1	12/16/22	HM	SW8260C
Carbon tetrachloride	ND	1.0	0.25	ug/L	1	12/16/22	HM	SW8260C
Chlorobenzene	ND	1.0	0.25	ug/L	1	12/16/22	HM	SW8260C
Chloroethane	ND	1.0	0.25	ug/L	1	12/16/22	HM	SW8260C
Chloroform	ND	1.0	0.25	ug/L	1	12/16/22	HM	SW8260C
Chloromethane	ND	1.0	0.25	ug/L	1	12/16/22	HM	SW8260C
cis-1,2-Dichloroethene	ND	1.0	0.25	ug/L	1	12/16/22	HM	SW8260C
cis-1,3-Dichloropropene	ND	0.40	0.25	ug/L	1	12/16/22	HM	SW8260C
Dibromochloromethane	ND	0.50	0.25	ug/L	1	12/16/22	HM	SW8260C
Dibromomethane	ND	1.0	0.25	ug/L	1	12/16/22	HM	SW8260C
Dichlorodifluoromethane	ND	1.0	0.25	ug/L	1	12/16/22	HM	SW8260C
Ethylbenzene	ND	1.0	0.25	ug/L	1	12/16/22	HM	SW8260C
Hexachlorobutadiene	ND	0.40	0.25	ug/L	1	12/16/22	HM	SW8260C
Isopropylbenzene	ND	1.0	0.25	ug/L	1	12/16/22	HM	SW8260C
m&p-Xylene	ND	1.0	0.25	ug/L	1	12/16/22	HM	SW8260C
Methyl ethyl ketone	ND	5.0	2.5	ug/L	1	12/16/22	HM	SW8260C
Methyl t-butyl ether (MTBE)	ND	1.0	0.25	ug/L	1	12/16/22	HM	SW8260C
Methylene chloride	ND	1.0	1.0	ug/L	1	12/16/22	HM	SW8260C
Naphthalene	ND	1.0	1.0	ug/L	1	12/16/22	HM	SW8260C
n-Butylbenzene	ND	1.0	0.25	ug/L	1	12/16/22	HM	SW8260C
n-Propylbenzene	ND	1.0	0.25	ug/L	1	12/16/22	HM	SW8260C
o-Xylene	ND	1.0	0.25	ug/L	1	12/16/22	HM	SW8260C
p-Isopropyltoluene	ND	1.0	0.25	ug/L	1	12/16/22	HM	SW8260C
sec-Butylbenzene	ND	1.0	0.25	ug/L	1	12/16/22	HM	SW8260C
Styrene	ND	1.0	0.25	ug/L	1	12/16/22	HM	SW8260C
tert-Butylbenzene	ND	1.0	0.25	ug/L	1	12/16/22	HM	SW8260C
Tetrachloroethene	ND	1.0	0.25	ug/L	1	12/16/22	HM	SW8260C
Tetrahydrofuran (THF)	ND	2.5	2.5	ug/L	1	12/16/22	HM	SW8260C
Toluene	ND	1.0	0.25	ug/L	1	12/16/22	HM	SW8260C
Total Xylenes	ND	1.0	1.0	ug/L	1	12/16/22	HM	SW8260C
trans-1,2-Dichloroethene	ND	1.0	0.25	ug/L	1	12/16/22	HM	SW8260C
trans-1,3-Dichloropropene	ND	0.40	0.25	ug/L	1	12/16/22	HM	SW8260C
trans-1,4-dichloro-2-butene	ND	5.0	2.5	ug/L	1	12/16/22	HM	SW8260C
Trichloroethene	ND	1.0	0.25	ug/L	1	12/16/22	HM	SW8260C
Trichlorofluoromethane	ND	1.0	0.25	ug/L	1	12/16/22	HM	SW8260C
Trichlorotrifluoroethane	ND	1.0	0.25	ug/L	1	12/16/22	HM	SW8260C
Vinyl chloride	ND	1.0	0.25	ug/L	1	12/16/22	HM	SW8260C
QA/QC Surrogates								
% 1,2-dichlorobenzene-d4	108			%	1	12/16/22	HM	70 - 130 %
% Bromofluorobenzene	87			%	1	12/16/22	HM	70 - 130 %
% Dibromofluoromethane	95			%	1	12/16/22	HM	70 - 130 %

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
% Toluene-d8	95			%	1	12/16/22	HM	70 - 130 %

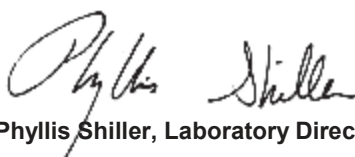
1 = This parameter is not certified by the primary accrediting authority (NY NELAC) for this matrix. NY NELAC does not offer certification for all parameters at this time.

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:

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

January 16, 2023

Reviewed and Released by: Maryam Taylor, Project Manager



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



Analysis Report

January 16, 2023

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:
Received by: CP
Analyzed by: see "By" below

Date

12/15/22
12/15/22

Time

13:05
17:14

Laboratory Data

SDG ID: GCN06061
Phoenix ID: CN06062

Project ID: FORMER DELMAR
Client ID: M-2DR

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
Volatiles								
1,1,1,2-Tetrachloroethane	ND	1.0	0.25	ug/L	1	12/16/22	HM	SW8260C
1,1,1-Trichloroethane	ND	1.0	0.25	ug/L	1	12/16/22	HM	SW8260C
1,1,2,2-Tetrachloroethane	ND	0.50	0.25	ug/L	1	12/16/22	HM	SW8260C
1,1,2-Trichloroethane	ND	1.0	0.25	ug/L	1	12/16/22	HM	SW8260C
1,1-Dichloroethane	ND	1.0	0.25	ug/L	1	12/16/22	HM	SW8260C
1,1-Dichloroethene	ND	1.0	0.25	ug/L	1	12/16/22	HM	SW8260C
1,1-Dichloropropene	ND	1.0	0.25	ug/L	1	12/16/22	HM	SW8260C
1,2,3-Trichlorobenzene	ND	1.0	0.25	ug/L	1	12/16/22	HM	SW8260C
1,2,3-Trichloropropane	ND	1.0	0.25	ug/L	1	12/16/22	HM	SW8260C
1,2,4-Trichlorobenzene	ND	1.0	0.25	ug/L	1	12/16/22	HM	SW8260C
1,2,4-Trimethylbenzene	ND	1.0	0.25	ug/L	1	12/16/22	HM	SW8260C
1,2-Dibromo-3-chloropropane	ND	1.0	0.50	ug/L	1	12/16/22	HM	SW8260C
1,2-Dibromoethane	ND	1.0	0.25	ug/L	1	12/16/22	HM	SW8260C
1,2-Dichlorobenzene	ND	1.0	0.25	ug/L	1	12/16/22	HM	SW8260C
1,2-Dichloroethane	ND	0.60	0.25	ug/L	1	12/16/22	HM	SW8260C
1,2-Dichloropropane	ND	1.0	0.25	ug/L	1	12/16/22	HM	SW8260C
1,3,5-Trimethylbenzene	ND	1.0	0.25	ug/L	1	12/16/22	HM	SW8260C
1,3-Dichlorobenzene	ND	1.0	0.25	ug/L	1	12/16/22	HM	SW8260C
1,3-Dichloropropane	ND	1.0	0.25	ug/L	1	12/16/22	HM	SW8260C
1,4-Dichlorobenzene	ND	1.0	0.25	ug/L	1	12/16/22	HM	SW8260C
2,2-Dichloropropane	ND	1.0	0.25	ug/L	1	12/16/22	HM	SW8260C
2-Chlorotoluene	ND	1.0	0.25	ug/L	1	12/16/22	HM	SW8260C
2-Hexanone	ND	5.0	2.5	ug/L	1	12/16/22	HM	SW8260C
2-Isopropyltoluene	ND	1.0	0.25	ug/L	1	12/16/22	HM	SW8260C
4-Chlorotoluene	ND	1.0	0.25	ug/L	1	12/16/22	HM	SW8260C
4-Methyl-2-pentanone	ND	5.0	2.5	ug/L	1	12/16/22	HM	SW8260C

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
Acetone	ND	25	2.5	ug/L	1	12/16/22	HM	SW8260C
Acrylonitrile	ND	1.0	0.25	ug/L	1	12/16/22	HM	SW8260C
Benzene	ND	0.70	0.25	ug/L	1	12/16/22	HM	SW8260C
Bromobenzene	ND	1.0	0.25	ug/L	1	12/16/22	HM	SW8260C
Bromochloromethane	ND	1.0	0.25	ug/L	1	12/16/22	HM	SW8260C
Bromodichloromethane	ND	0.50	0.25	ug/L	1	12/16/22	HM	SW8260C
Bromoform	ND	1.0	0.25	ug/L	1	12/16/22	HM	SW8260C
Bromomethane	ND	1.0	0.25	ug/L	1	12/16/22	HM	SW8260C
Carbon Disulfide	ND	5.0	0.25	ug/L	1	12/16/22	HM	SW8260C
Carbon tetrachloride	ND	1.0	0.25	ug/L	1	12/16/22	HM	SW8260C
Chlorobenzene	ND	1.0	0.25	ug/L	1	12/16/22	HM	SW8260C
Chloroethane	ND	1.0	0.25	ug/L	1	12/16/22	HM	SW8260C
Chloroform	ND	1.0	0.25	ug/L	1	12/16/22	HM	SW8260C
Chloromethane	ND	1.0	0.25	ug/L	1	12/16/22	HM	SW8260C
cis-1,2-Dichloroethene	ND	1.0	0.25	ug/L	1	12/16/22	HM	SW8260C
cis-1,3-Dichloropropene	ND	0.40	0.25	ug/L	1	12/16/22	HM	SW8260C
Dibromochloromethane	ND	0.50	0.25	ug/L	1	12/16/22	HM	SW8260C
Dibromomethane	ND	1.0	0.25	ug/L	1	12/16/22	HM	SW8260C
Dichlorodifluoromethane	ND	1.0	0.25	ug/L	1	12/16/22	HM	SW8260C
Ethylbenzene	ND	1.0	0.25	ug/L	1	12/16/22	HM	SW8260C
Hexachlorobutadiene	ND	0.40	0.25	ug/L	1	12/16/22	HM	SW8260C
Isopropylbenzene	ND	1.0	0.25	ug/L	1	12/16/22	HM	SW8260C
m&p-Xylene	ND	1.0	0.25	ug/L	1	12/16/22	HM	SW8260C
Methyl ethyl ketone	ND	5.0	2.5	ug/L	1	12/16/22	HM	SW8260C
Methyl t-butyl ether (MTBE)	ND	1.0	0.25	ug/L	1	12/16/22	HM	SW8260C
Methylene chloride	ND	1.0	1.0	ug/L	1	12/16/22	HM	SW8260C
Naphthalene	ND	1.0	1.0	ug/L	1	12/16/22	HM	SW8260C
n-Butylbenzene	ND	1.0	0.25	ug/L	1	12/16/22	HM	SW8260C
n-Propylbenzene	ND	1.0	0.25	ug/L	1	12/16/22	HM	SW8260C
o-Xylene	ND	1.0	0.25	ug/L	1	12/16/22	HM	SW8260C
p-Isopropyltoluene	ND	1.0	0.25	ug/L	1	12/16/22	HM	SW8260C
sec-Butylbenzene	ND	1.0	0.25	ug/L	1	12/16/22	HM	SW8260C
Styrene	ND	1.0	0.25	ug/L	1	12/16/22	HM	SW8260C
tert-Butylbenzene	ND	1.0	0.25	ug/L	1	12/16/22	HM	SW8260C
Tetrachloroethene	ND	1.0	0.25	ug/L	1	12/16/22	HM	SW8260C
Tetrahydrofuran (THF)	ND	2.5	2.5	ug/L	1	12/16/22	HM	SW8260C
Toluene	ND	1.0	0.25	ug/L	1	12/16/22	HM	SW8260C
Total Xylenes	ND	1.0	1.0	ug/L	1	12/16/22	HM	SW8260C
trans-1,2-Dichloroethene	ND	1.0	0.25	ug/L	1	12/16/22	HM	SW8260C
trans-1,3-Dichloropropene	ND	0.40	0.25	ug/L	1	12/16/22	HM	SW8260C
trans-1,4-dichloro-2-butene	ND	5.0	2.5	ug/L	1	12/16/22	HM	SW8260C
Trichloroethene	ND	1.0	0.25	ug/L	1	12/16/22	HM	SW8260C
Trichlorofluoromethane	ND	1.0	0.25	ug/L	1	12/16/22	HM	SW8260C
Trichlorotrifluoroethane	ND	1.0	0.25	ug/L	1	12/16/22	HM	SW8260C
Vinyl chloride	ND	1.0	0.25	ug/L	1	12/16/22	HM	SW8260C
QA/QC Surrogates								
% 1,2-dichlorobenzene-d4	106			%	1	12/16/22	HM	70 - 130 %
% Bromofluorobenzene	91			%	1	12/16/22	HM	70 - 130 %
% Dibromofluoromethane	95			%	1	12/16/22	HM	70 - 130 %

1

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
% Toluene-d8	95			%	1	12/16/22	HM	70 - 130 %

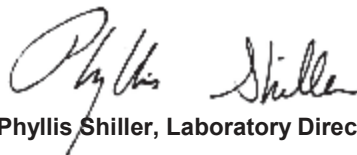
1 = This parameter is not certified by the primary accrediting authority (NY NELAC) for this matrix. NY NELAC does not offer certification for all parameters at this time.

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:

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

January 16, 2023

Reviewed and Released by: Maryam Taylor, Project Manager



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



Analysis Report

January 16, 2023

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:
Received by: CP
Analyzed by: see "By" below

Date

12/15/22 13:10
12/15/22 17:14

Time

Laboratory Data

SDG ID: GCN06061
Phoenix ID: CN06063

Project ID: FORMER DELMAR
Client ID: M-2R

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
Volatiles								
1,1,1,2-Tetrachloroethane	ND	1.0	0.25	ug/L	1	12/16/22	HM	SW8260C
1,1,1-Trichloroethane	ND	1.0	0.25	ug/L	1	12/16/22	HM	SW8260C
1,1,2,2-Tetrachloroethane	ND	0.50	0.25	ug/L	1	12/16/22	HM	SW8260C
1,1,2-Trichloroethane	ND	1.0	0.25	ug/L	1	12/16/22	HM	SW8260C
1,1-Dichloroethane	ND	1.0	0.25	ug/L	1	12/16/22	HM	SW8260C
1,1-Dichloroethene	ND	1.0	0.25	ug/L	1	12/16/22	HM	SW8260C
1,1-Dichloropropene	ND	1.0	0.25	ug/L	1	12/16/22	HM	SW8260C
1,2,3-Trichlorobenzene	ND	1.0	0.25	ug/L	1	12/16/22	HM	SW8260C
1,2,3-Trichloropropane	ND	1.0	0.25	ug/L	1	12/16/22	HM	SW8260C
1,2,4-Trichlorobenzene	ND	1.0	0.25	ug/L	1	12/16/22	HM	SW8260C
1,2,4-Trimethylbenzene	ND	1.0	0.25	ug/L	1	12/16/22	HM	SW8260C
1,2-Dibromo-3-chloropropane	ND	1.0	0.50	ug/L	1	12/16/22	HM	SW8260C
1,2-Dibromoethane	ND	1.0	0.25	ug/L	1	12/16/22	HM	SW8260C
1,2-Dichlorobenzene	ND	1.0	0.25	ug/L	1	12/16/22	HM	SW8260C
1,2-Dichloroethane	ND	0.60	0.25	ug/L	1	12/16/22	HM	SW8260C
1,2-Dichloropropane	ND	1.0	0.25	ug/L	1	12/16/22	HM	SW8260C
1,3,5-Trimethylbenzene	ND	1.0	0.25	ug/L	1	12/16/22	HM	SW8260C
1,3-Dichlorobenzene	ND	1.0	0.25	ug/L	1	12/16/22	HM	SW8260C
1,3-Dichloropropane	ND	1.0	0.25	ug/L	1	12/16/22	HM	SW8260C
1,4-Dichlorobenzene	ND	1.0	0.25	ug/L	1	12/16/22	HM	SW8260C
2,2-Dichloropropane	ND	1.0	0.25	ug/L	1	12/16/22	HM	SW8260C
2-Chlorotoluene	ND	1.0	0.25	ug/L	1	12/16/22	HM	SW8260C
2-Hexanone	ND	5.0	2.5	ug/L	1	12/16/22	HM	SW8260C
2-Isopropyltoluene	ND	1.0	0.25	ug/L	1	12/16/22	HM	SW8260C
4-Chlorotoluene	ND	1.0	0.25	ug/L	1	12/16/22	HM	SW8260C
4-Methyl-2-pentanone	ND	5.0	2.5	ug/L	1	12/16/22	HM	SW8260C

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
Acetone	ND	25	2.5	ug/L	1	12/16/22	HM	SW8260C
Acrylonitrile	ND	1.0	0.25	ug/L	1	12/16/22	HM	SW8260C
Benzene	ND	0.70	0.25	ug/L	1	12/16/22	HM	SW8260C
Bromobenzene	ND	1.0	0.25	ug/L	1	12/16/22	HM	SW8260C
Bromochloromethane	ND	1.0	0.25	ug/L	1	12/16/22	HM	SW8260C
Bromodichloromethane	ND	0.50	0.25	ug/L	1	12/16/22	HM	SW8260C
Bromoform	ND	1.0	0.25	ug/L	1	12/16/22	HM	SW8260C
Bromomethane	ND	1.0	0.25	ug/L	1	12/16/22	HM	SW8260C
Carbon Disulfide	ND	5.0	0.25	ug/L	1	12/16/22	HM	SW8260C
Carbon tetrachloride	ND	1.0	0.25	ug/L	1	12/16/22	HM	SW8260C
Chlorobenzene	ND	1.0	0.25	ug/L	1	12/16/22	HM	SW8260C
Chloroethane	ND	1.0	0.25	ug/L	1	12/16/22	HM	SW8260C
Chloroform	ND	1.0	0.25	ug/L	1	12/16/22	HM	SW8260C
Chloromethane	ND	1.0	0.25	ug/L	1	12/16/22	HM	SW8260C
cis-1,2-Dichloroethene	ND	1.0	0.25	ug/L	1	12/16/22	HM	SW8260C
cis-1,3-Dichloropropene	ND	0.40	0.25	ug/L	1	12/16/22	HM	SW8260C
Dibromochloromethane	ND	0.50	0.25	ug/L	1	12/16/22	HM	SW8260C
Dibromomethane	ND	1.0	0.25	ug/L	1	12/16/22	HM	SW8260C
Dichlorodifluoromethane	ND	1.0	0.25	ug/L	1	12/16/22	HM	SW8260C
Ethylbenzene	ND	1.0	0.25	ug/L	1	12/16/22	HM	SW8260C
Hexachlorobutadiene	ND	0.40	0.25	ug/L	1	12/16/22	HM	SW8260C
Isopropylbenzene	ND	1.0	0.25	ug/L	1	12/16/22	HM	SW8260C
m&p-Xylene	ND	1.0	0.25	ug/L	1	12/16/22	HM	SW8260C
Methyl ethyl ketone	ND	5.0	2.5	ug/L	1	12/16/22	HM	SW8260C
Methyl t-butyl ether (MTBE)	ND	1.0	0.25	ug/L	1	12/16/22	HM	SW8260C
Methylene chloride	ND	1.0	1.0	ug/L	1	12/16/22	HM	SW8260C
Naphthalene	ND	1.0	1.0	ug/L	1	12/16/22	HM	SW8260C
n-Butylbenzene	ND	1.0	0.25	ug/L	1	12/16/22	HM	SW8260C
n-Propylbenzene	ND	1.0	0.25	ug/L	1	12/16/22	HM	SW8260C
o-Xylene	ND	1.0	0.25	ug/L	1	12/16/22	HM	SW8260C
p-Isopropyltoluene	ND	1.0	0.25	ug/L	1	12/16/22	HM	SW8260C
sec-Butylbenzene	ND	1.0	0.25	ug/L	1	12/16/22	HM	SW8260C
Styrene	ND	1.0	0.25	ug/L	1	12/16/22	HM	SW8260C
tert-Butylbenzene	ND	1.0	0.25	ug/L	1	12/16/22	HM	SW8260C
Tetrachloroethene	ND	1.0	0.25	ug/L	1	12/16/22	HM	SW8260C
Tetrahydrofuran (THF)	ND	2.5	2.5	ug/L	1	12/16/22	HM	SW8260C
Toluene	ND	1.0	0.25	ug/L	1	12/16/22	HM	SW8260C
Total Xylenes	ND	1.0	1.0	ug/L	1	12/16/22	HM	SW8260C
trans-1,2-Dichloroethene	ND	1.0	0.25	ug/L	1	12/16/22	HM	SW8260C
trans-1,3-Dichloropropene	ND	0.40	0.25	ug/L	1	12/16/22	HM	SW8260C
trans-1,4-dichloro-2-butene	ND	5.0	2.5	ug/L	1	12/16/22	HM	SW8260C
Trichloroethene	ND	1.0	0.25	ug/L	1	12/16/22	HM	SW8260C
Trichlorofluoromethane	ND	1.0	0.25	ug/L	1	12/16/22	HM	SW8260C
Trichlorotrifluoroethane	ND	1.0	0.25	ug/L	1	12/16/22	HM	SW8260C
Vinyl chloride	ND	1.0	0.25	ug/L	1	12/16/22	HM	SW8260C
QA/QC Surrogates								
% 1,2-dichlorobenzene-d4	108			%	1	12/16/22	HM	70 - 130 %
% Bromofluorobenzene	89			%	1	12/16/22	HM	70 - 130 %
% Dibromofluoromethane	96			%	1	12/16/22	HM	70 - 130 %

1

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
% Toluene-d8	94			%	1	12/16/22	HM	70 - 130 %

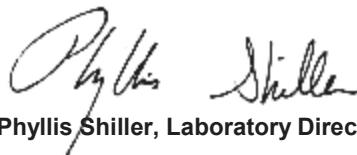
1 = This parameter is not certified by the primary accrediting authority (NY NELAC) for this matrix. NY NELAC does not offer certification for all parameters at this time.

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:

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

January 16, 2023

Reviewed and Released by: Maryam Taylor, Project Manager



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



Analysis Report

January 16, 2023

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:
Received by: CP
Analyzed by: see "By" below

Date

12/15/22
12/15/22

Time

13:15
17:14

Laboratory Data

SDG ID: GCN06061
Phoenix ID: CN06064

Project ID: FORMER DELMAR
Client ID: M-1

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
Volatiles								
1,1,1,2-Tetrachloroethane	ND	20	5.0	ug/L	20	12/16/22	MH	SW8260C
1,1,1-Trichloroethane	ND	20	5.0	ug/L	20	12/16/22	MH	SW8260C
1,1,2,2-Tetrachloroethane	ND	10	5.0	ug/L	20	12/16/22	MH	SW8260C
1,1,2-Trichloroethane	ND	20	5.0	ug/L	20	12/16/22	MH	SW8260C
1,1-Dichloroethane	ND	20	5.0	ug/L	20	12/16/22	MH	SW8260C
1,1-Dichloroethene	ND	20	5.0	ug/L	20	12/16/22	MH	SW8260C
1,1-Dichloropropene	ND	20	5.0	ug/L	20	12/16/22	MH	SW8260C
1,2,3-Trichlorobenzene	ND	20	5.0	ug/L	20	12/16/22	MH	SW8260C
1,2,3-Trichloropropane	ND	20	5.0	ug/L	20	12/16/22	MH	SW8260C
1,2,4-Trichlorobenzene	ND	20	5.0	ug/L	20	12/16/22	MH	SW8260C
1,2,4-Trimethylbenzene	ND	20	5.0	ug/L	20	12/16/22	MH	SW8260C
1,2-Dibromo-3-chloropropane	ND	20	10	ug/L	20	12/16/22	MH	SW8260C
1,2-Dibromoethane	ND	20	5.0	ug/L	20	12/16/22	MH	SW8260C
1,2-Dichlorobenzene	ND	20	5.0	ug/L	20	12/16/22	MH	SW8260C
1,2-Dichloroethane	ND	12	5.0	ug/L	20	12/16/22	MH	SW8260C
1,2-Dichloropropane	ND	20	5.0	ug/L	20	12/16/22	MH	SW8260C
1,3,5-Trimethylbenzene	ND	20	5.0	ug/L	20	12/16/22	MH	SW8260C
1,3-Dichlorobenzene	ND	20	5.0	ug/L	20	12/16/22	MH	SW8260C
1,3-Dichloropropane	ND	20	5.0	ug/L	20	12/16/22	MH	SW8260C
1,4-Dichlorobenzene	ND	20	5.0	ug/L	20	12/16/22	MH	SW8260C
2,2-Dichloropropane	ND	20	5.0	ug/L	20	12/16/22	MH	SW8260C
2-Chlorotoluene	ND	20	5.0	ug/L	20	12/16/22	MH	SW8260C
2-Hexanone	ND	100	50	ug/L	20	12/16/22	MH	SW8260C
2-Isopropyltoluene	ND	20	5.0	ug/L	20	12/16/22	MH	SW8260C
4-Chlorotoluene	ND	20	5.0	ug/L	20	12/16/22	MH	SW8260C
4-Methyl-2-pentanone	ND	100	50	ug/L	20	12/16/22	MH	SW8260C

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
Acetone	ND	500	50	ug/L	20	12/16/22	MH	SW8260C
Acrylonitrile	ND	20	5.0	ug/L	20	12/16/22	MH	SW8260C
Benzene	ND	14	5.0	ug/L	20	12/16/22	MH	SW8260C
Bromobenzene	ND	20	5.0	ug/L	20	12/16/22	MH	SW8260C
Bromochloromethane	ND	20	5.0	ug/L	20	12/16/22	MH	SW8260C
Bromodichloromethane	ND	10	5.0	ug/L	20	12/16/22	MH	SW8260C
Bromoform	ND	20	5.0	ug/L	20	12/16/22	MH	SW8260C
Bromomethane	ND	20	5.0	ug/L	20	12/16/22	MH	SW8260C
Carbon Disulfide	ND	100	5.0	ug/L	20	12/16/22	MH	SW8260C
Carbon tetrachloride	ND	20	5.0	ug/L	20	12/16/22	MH	SW8260C
Chlorobenzene	ND	20	5.0	ug/L	20	12/16/22	MH	SW8260C
Chloroethane	ND	20	5.0	ug/L	20	12/16/22	MH	SW8260C
Chloroform	ND	20	5.0	ug/L	20	12/16/22	MH	SW8260C
Chloromethane	ND	20	5.0	ug/L	20	12/16/22	MH	SW8260C
cis-1,2-Dichloroethene	1900	200	50	ug/L	200	12/19/22	MH	SW8260C
cis-1,3-Dichloropropene	ND	8.0	5.0	ug/L	20	12/16/22	MH	SW8260C
Dibromochloromethane	ND	10	5.0	ug/L	20	12/16/22	MH	SW8260C
Dibromomethane	ND	20	5.0	ug/L	20	12/16/22	MH	SW8260C
Dichlorodifluoromethane	ND	20	5.0	ug/L	20	12/16/22	MH	SW8260C
Ethylbenzene	ND	20	5.0	ug/L	20	12/16/22	MH	SW8260C
Hexachlorobutadiene	ND	8.0	5.0	ug/L	20	12/16/22	MH	SW8260C
Isopropylbenzene	ND	20	5.0	ug/L	20	12/16/22	MH	SW8260C
m&p-Xylene	ND	20	5.0	ug/L	20	12/16/22	MH	SW8260C
Methyl ethyl ketone	ND	100	50	ug/L	20	12/16/22	MH	SW8260C
Methyl t-butyl ether (MTBE)	ND	20	5.0	ug/L	20	12/16/22	MH	SW8260C
Methylene chloride	ND	20	20	ug/L	20	12/16/22	MH	SW8260C
Naphthalene	ND	20	20	ug/L	20	12/16/22	MH	SW8260C
n-Butylbenzene	ND	20	5.0	ug/L	20	12/16/22	MH	SW8260C
n-Propylbenzene	ND	20	5.0	ug/L	20	12/16/22	MH	SW8260C
o-Xylene	ND	20	5.0	ug/L	20	12/16/22	MH	SW8260C
p-Isopropyltoluene	ND	20	5.0	ug/L	20	12/16/22	MH	SW8260C
sec-Butylbenzene	ND	20	5.0	ug/L	20	12/16/22	MH	SW8260C
Styrene	ND	20	5.0	ug/L	20	12/16/22	MH	SW8260C
tert-Butylbenzene	ND	20	5.0	ug/L	20	12/16/22	MH	SW8260C
Tetrachloroethene	3600	200	50	ug/L	200	12/19/22	MH	SW8260C
Tetrahydrofuran (THF)	ND	50	50	ug/L	20	12/16/22	MH	SW8260C
Toluene	ND	20	5.0	ug/L	20	12/16/22	MH	SW8260C
Total Xylenes	ND	20	20	ug/L	20	12/16/22	MH	SW8260C
trans-1,2-Dichloroethene	ND	20	5.0	ug/L	20	12/16/22	MH	SW8260C
trans-1,3-Dichloropropene	ND	8.0	5.0	ug/L	20	12/16/22	MH	SW8260C
trans-1,4-dichloro-2-butene	ND	100	50	ug/L	20	12/16/22	MH	SW8260C
Trichloroethene	1400	200	50	ug/L	200	12/19/22	MH	SW8260C
Trichlorofluoromethane	ND	20	5.0	ug/L	20	12/16/22	MH	SW8260C
Trichlorotrifluoroethane	ND	20	5.0	ug/L	20	12/16/22	MH	SW8260C
Vinyl chloride	250	20	5.0	ug/L	20	12/16/22	MH	SW8260C
<u>QA/QC Surrogates</u>								
% 1,2-dichlorobenzene-d4 (20x)	107			%	20	12/16/22	MH	70 - 130 %
% Bromofluorobenzene (20x)	90			%	20	12/16/22	MH	70 - 130 %
% Dibromofluoromethane (20x)	92			%	20	12/16/22	MH	70 - 130 %

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
% Toluene-d8 (20x)	93			%	20	12/16/22	MH	70 - 130 %
% 1,2-dichlorobenzene-d4 (200x)	98			%	200	12/19/22	MH	70 - 130 %
% Bromofluorobenzene (200x)	91			%	200	12/19/22	MH	70 - 130 %
% Dibromofluoromethane (200x)	102			%	200	12/19/22	MH	70 - 130 %
% Toluene-d8 (200x)	96			%	200	12/19/22	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

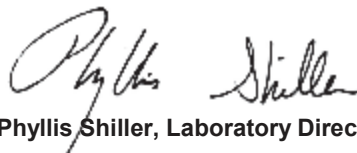
QA/QC Surrogates: Surrogates are compounds (preceded with a %) added by the lab to determine analysis efficiency. Surrogate results(%) listed in the report are not "detected" compounds.

Comments:

Volatile Comment:

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

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

January 16, 2023

Reviewed and Released by: Maryam Taylor, Project Manager



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



Analysis Report

January 16, 2023

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:
Received by: CP
Analyzed by: see "By" below

Date

12/15/22
12/15/22

Time

13:20
17:14

Laboratory Data

SDG ID: GCN06061
Phoenix ID: CN06065

Project ID: FORMER DELMAR
Client ID: M-5

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
Volatiles								
1,1,1,2-Tetrachloroethane	ND	1.0	0.25	ug/L	1	12/16/22	MH	SW8260C
1,1,1-Trichloroethane	ND	1.0	0.25	ug/L	1	12/16/22	MH	SW8260C
1,1,2,2-Tetrachloroethane	ND	0.50	0.25	ug/L	1	12/16/22	MH	SW8260C
1,1,2-Trichloroethane	ND	1.0	0.25	ug/L	1	12/16/22	MH	SW8260C
1,1-Dichloroethane	ND	1.0	0.25	ug/L	1	12/16/22	MH	SW8260C
1,1-Dichloroethene	ND	1.0	0.25	ug/L	1	12/16/22	MH	SW8260C
1,1-Dichloropropene	ND	1.0	0.25	ug/L	1	12/16/22	MH	SW8260C
1,2,3-Trichlorobenzene	ND	1.0	0.25	ug/L	1	12/16/22	MH	SW8260C
1,2,3-Trichloropropane	ND	1.0	0.25	ug/L	1	12/16/22	MH	SW8260C
1,2,4-Trichlorobenzene	ND	1.0	0.25	ug/L	1	12/16/22	MH	SW8260C
1,2,4-Trimethylbenzene	ND	1.0	0.25	ug/L	1	12/16/22	MH	SW8260C
1,2-Dibromo-3-chloropropane	ND	1.0	0.50	ug/L	1	12/16/22	MH	SW8260C
1,2-Dibromoethane	ND	1.0	0.25	ug/L	1	12/16/22	MH	SW8260C
1,2-Dichlorobenzene	ND	1.0	0.25	ug/L	1	12/16/22	MH	SW8260C
1,2-Dichloroethane	ND	0.60	0.25	ug/L	1	12/16/22	MH	SW8260C
1,2-Dichloropropane	ND	1.0	0.25	ug/L	1	12/16/22	MH	SW8260C
1,3,5-Trimethylbenzene	ND	1.0	0.25	ug/L	1	12/16/22	MH	SW8260C
1,3-Dichlorobenzene	ND	1.0	0.25	ug/L	1	12/16/22	MH	SW8260C
1,3-Dichloropropane	ND	1.0	0.25	ug/L	1	12/16/22	MH	SW8260C
1,4-Dichlorobenzene	ND	1.0	0.25	ug/L	1	12/16/22	MH	SW8260C
2,2-Dichloropropane	ND	1.0	0.25	ug/L	1	12/16/22	MH	SW8260C
2-Chlorotoluene	ND	1.0	0.25	ug/L	1	12/16/22	MH	SW8260C
2-Hexanone	ND	5.0	2.5	ug/L	1	12/16/22	MH	SW8260C
2-Isopropyltoluene	ND	1.0	0.25	ug/L	1	12/16/22	MH	SW8260C
4-Chlorotoluene	ND	1.0	0.25	ug/L	1	12/16/22	MH	SW8260C
4-Methyl-2-pentanone	ND	5.0	2.5	ug/L	1	12/16/22	MH	SW8260C

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
Acetone	ND	25	2.5	ug/L	1	12/16/22	MH	SW8260C
Acrylonitrile	ND	1.0	0.25	ug/L	1	12/16/22	MH	SW8260C
Benzene	ND	0.70	0.25	ug/L	1	12/16/22	MH	SW8260C
Bromobenzene	ND	1.0	0.25	ug/L	1	12/16/22	MH	SW8260C
Bromochloromethane	ND	1.0	0.25	ug/L	1	12/16/22	MH	SW8260C
Bromodichloromethane	ND	0.50	0.25	ug/L	1	12/16/22	MH	SW8260C
Bromoform	ND	1.0	0.25	ug/L	1	12/16/22	MH	SW8260C
Bromomethane	ND	1.0	0.25	ug/L	1	12/16/22	MH	SW8260C
Carbon Disulfide	ND	5.0	0.25	ug/L	1	12/16/22	MH	SW8260C
Carbon tetrachloride	ND	1.0	0.25	ug/L	1	12/16/22	MH	SW8260C
Chlorobenzene	ND	1.0	0.25	ug/L	1	12/16/22	MH	SW8260C
Chloroethane	ND	1.0	0.25	ug/L	1	12/16/22	MH	SW8260C
Chloroform	ND	1.0	0.25	ug/L	1	12/16/22	MH	SW8260C
Chloromethane	ND	1.0	0.25	ug/L	1	12/16/22	MH	SW8260C
cis-1,2-Dichloroethene	27	5.0	1.3	ug/L	5	12/19/22	MH	SW8260C
cis-1,3-Dichloropropene	ND	0.40	0.25	ug/L	1	12/16/22	MH	SW8260C
Dibromochloromethane	ND	0.50	0.25	ug/L	1	12/16/22	MH	SW8260C
Dibromomethane	ND	1.0	0.25	ug/L	1	12/16/22	MH	SW8260C
Dichlorodifluoromethane	ND	1.0	0.25	ug/L	1	12/16/22	MH	SW8260C
Ethylbenzene	ND	1.0	0.25	ug/L	1	12/16/22	MH	SW8260C
Hexachlorobutadiene	ND	0.40	0.25	ug/L	1	12/16/22	MH	SW8260C
Isopropylbenzene	ND	1.0	0.25	ug/L	1	12/16/22	MH	SW8260C
m&p-Xylene	ND	1.0	0.25	ug/L	1	12/16/22	MH	SW8260C
Methyl ethyl ketone	ND	5.0	2.5	ug/L	1	12/16/22	MH	SW8260C
Methyl t-butyl ether (MTBE)	ND	1.0	0.25	ug/L	1	12/16/22	MH	SW8260C
Methylene chloride	ND	1.0	1.0	ug/L	1	12/16/22	MH	SW8260C
Naphthalene	ND	1.0	1.0	ug/L	1	12/16/22	MH	SW8260C
n-Butylbenzene	ND	1.0	0.25	ug/L	1	12/16/22	MH	SW8260C
n-Propylbenzene	ND	1.0	0.25	ug/L	1	12/16/22	MH	SW8260C
o-Xylene	ND	1.0	0.25	ug/L	1	12/16/22	MH	SW8260C
p-Isopropyltoluene	ND	1.0	0.25	ug/L	1	12/16/22	MH	SW8260C
sec-Butylbenzene	ND	1.0	0.25	ug/L	1	12/16/22	MH	SW8260C
Styrene	ND	1.0	0.25	ug/L	1	12/16/22	MH	SW8260C
tert-Butylbenzene	ND	1.0	0.25	ug/L	1	12/16/22	MH	SW8260C
Tetrachloroethene	ND	1.0	0.25	ug/L	1	12/16/22	MH	SW8260C
Tetrahydrofuran (THF)	ND	2.5	2.5	ug/L	1	12/16/22	MH	SW8260C
Toluene	ND	1.0	0.25	ug/L	1	12/16/22	MH	SW8260C
Total Xylenes	ND	1.0	1.0	ug/L	1	12/16/22	MH	SW8260C
trans-1,2-Dichloroethene	ND	1.0	0.25	ug/L	1	12/16/22	MH	SW8260C
trans-1,3-Dichloropropene	ND	0.40	0.25	ug/L	1	12/16/22	MH	SW8260C
trans-1,4-dichloro-2-butene	ND	5.0	2.5	ug/L	1	12/16/22	MH	SW8260C
Trichloroethene	ND	1.0	0.25	ug/L	1	12/16/22	MH	SW8260C
Trichlorofluoromethane	ND	1.0	0.25	ug/L	1	12/16/22	MH	SW8260C
Trichlorotrifluoroethane	ND	1.0	0.25	ug/L	1	12/16/22	MH	SW8260C
Vinyl chloride	8.4	1.0	0.25	ug/L	1	12/16/22	MH	SW8260C
QA/QC Surrogates								
% 1,2-dichlorobenzene-d4	107			%	1	12/16/22	MH	70 - 130 %
% Bromofluorobenzene	90			%	1	12/16/22	MH	70 - 130 %
% Dibromofluoromethane	94			%	1	12/16/22	MH	70 - 130 %

1

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
% Toluene-d8	87			%	1	12/16/22	MH	70 - 130 %
% 1,2-dichlorobenzene-d4 (5x)	99			%	5	12/19/22	MH	70 - 130 %
% Bromofluorobenzene (5x)	94			%	5	12/19/22	MH	70 - 130 %
% Dibromofluoromethane (5x)	100			%	5	12/19/22	MH	70 - 130 %
% Toluene-d8 (5x)	94			%	5	12/19/22	MH	70 - 130 %

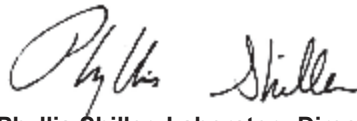
1 = This parameter is not certified by the primary accrediting authority (NY NELAC) for this matrix. NY NELAC does not offer certification for all parameters at this time.

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:

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

January 16, 2023

Reviewed and Released by: Maryam Taylor, Project Manager



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



Analysis Report

January 16, 2023

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:
Received by: CP
Analyzed by: see "By" below

Date

12/15/22 13:25
12/15/22 17:14

Time

Laboratory Data

SDG ID: GCN06061
Phoenix ID: CN06066

Project ID: FORMER DELMAR
Client ID: M-3

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
Client MS/MSD	Completed					12/19/22		

Volatiles

1,1,1,2-Tetrachloroethane	ND	1.0	0.25	ug/L	1	12/16/22	MH	SW8260C
1,1,1-Trichloroethane	ND	1.0	0.25	ug/L	1	12/16/22	MH	SW8260C
1,1,2,2-Tetrachloroethane	ND	0.50	0.25	ug/L	1	12/16/22	MH	SW8260C
1,1,2-Trichloroethane	ND	1.0	0.25	ug/L	1	12/16/22	MH	SW8260C
1,1-Dichloroethane	ND	1.0	0.25	ug/L	1	12/16/22	MH	SW8260C
1,1-Dichloroethene	1.9	1.0	0.25	ug/L	1	12/16/22	MH	SW8260C
1,1-Dichloropropene	ND	1.0	0.25	ug/L	1	12/16/22	MH	SW8260C
1,2,3-Trichlorobenzene	ND	1.0	0.25	ug/L	1	12/16/22	MH	SW8260C
1,2,3-Trichloropropane	ND	1.0	0.25	ug/L	1	12/16/22	MH	SW8260C
1,2,4-Trichlorobenzene	ND	1.0	0.25	ug/L	1	12/16/22	MH	SW8260C
1,2,4-Trimethylbenzene	ND	1.0	0.25	ug/L	1	12/16/22	MH	SW8260C
1,2-Dibromo-3-chloropropane	ND	1.0	0.50	ug/L	1	12/16/22	MH	SW8260C
1,2-Dibromoethane	ND	1.0	0.25	ug/L	1	12/16/22	MH	SW8260C
1,2-Dichlorobenzene	ND	1.0	0.25	ug/L	1	12/16/22	MH	SW8260C
1,2-Dichloroethane	ND	0.60	0.25	ug/L	1	12/16/22	MH	SW8260C
1,2-Dichloropropane	ND	1.0	0.25	ug/L	1	12/16/22	MH	SW8260C
1,3,5-Trimethylbenzene	ND	1.0	0.25	ug/L	1	12/16/22	MH	SW8260C
1,3-Dichlorobenzene	ND	1.0	0.25	ug/L	1	12/16/22	MH	SW8260C
1,3-Dichloropropane	ND	1.0	0.25	ug/L	1	12/16/22	MH	SW8260C
1,4-Dichlorobenzene	ND	1.0	0.25	ug/L	1	12/16/22	MH	SW8260C
2,2-Dichloropropane	ND	1.0	0.25	ug/L	1	12/16/22	MH	SW8260C
2-Chlorotoluene	ND	1.0	0.25	ug/L	1	12/16/22	MH	SW8260C
2-Hexanone	ND	5.0	2.5	ug/L	1	12/16/22	MH	SW8260C
2-Isopropyltoluene	ND	1.0	0.25	ug/L	1	12/16/22	MH	SW8260C
4-Chlorotoluene	ND	1.0	0.25	ug/L	1	12/16/22	MH	SW8260C

Client ID: M-3

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
4-Methyl-2-pentanone	ND	5.0	2.5	ug/L	1	12/16/22	MH	SW8260C
Acetone	ND	25	2.5	ug/L	1	12/16/22	MH	SW8260C
Acrylonitrile	ND	1.0	0.25	ug/L	1	12/16/22	MH	SW8260C
Benzene	ND	0.70	0.25	ug/L	1	12/16/22	MH	SW8260C
Bromobenzene	ND	1.0	0.25	ug/L	1	12/16/22	MH	SW8260C
Bromochloromethane	ND	1.0	0.25	ug/L	1	12/16/22	MH	SW8260C
Bromodichloromethane	ND	0.50	0.25	ug/L	1	12/16/22	MH	SW8260C
Bromoform	ND	1.0	0.25	ug/L	1	12/16/22	MH	SW8260C
Bromomethane	ND	1.0	0.25	ug/L	1	12/16/22	MH	SW8260C
Carbon Disulfide	ND	5.0	0.25	ug/L	1	12/16/22	MH	SW8260C
Carbon tetrachloride	ND	1.0	0.25	ug/L	1	12/16/22	MH	SW8260C
Chlorobenzene	ND	1.0	0.25	ug/L	1	12/16/22	MH	SW8260C
Chloroethane	ND	1.0	0.25	ug/L	1	12/16/22	MH	SW8260C
Chloroform	ND	1.0	0.25	ug/L	1	12/16/22	MH	SW8260C
Chloromethane	ND	1.0	0.25	ug/L	1	12/16/22	MH	SW8260C
cis-1,2-Dichloroethene	580	50	13	ug/L	50	12/19/22	MH	SW8260C
cis-1,3-Dichloropropene	ND	0.40	0.25	ug/L	1	12/16/22	MH	SW8260C
Dibromochloromethane	ND	0.50	0.25	ug/L	1	12/16/22	MH	SW8260C
Dibromomethane	ND	1.0	0.25	ug/L	1	12/16/22	MH	SW8260C
Dichlorodifluoromethane	ND	1.0	0.25	ug/L	1	12/16/22	MH	SW8260C
Ethylbenzene	ND	1.0	0.25	ug/L	1	12/16/22	MH	SW8260C
Hexachlorobutadiene	ND	0.40	0.25	ug/L	1	12/16/22	MH	SW8260C
Isopropylbenzene	ND	1.0	0.25	ug/L	1	12/16/22	MH	SW8260C
m&p-Xylene	ND	1.0	0.25	ug/L	1	12/16/22	MH	SW8260C
Methyl ethyl ketone	ND	5.0	2.5	ug/L	1	12/16/22	MH	SW8260C
Methyl t-butyl ether (MTBE)	ND	1.0	0.25	ug/L	1	12/16/22	MH	SW8260C
Methylene chloride	ND	1.0	1.0	ug/L	1	12/16/22	MH	SW8260C
Naphthalene	ND	1.0	1.0	ug/L	1	12/16/22	MH	SW8260C
n-Butylbenzene	ND	1.0	0.25	ug/L	1	12/16/22	MH	SW8260C
n-Propylbenzene	ND	1.0	0.25	ug/L	1	12/16/22	MH	SW8260C
o-Xylene	ND	1.0	0.25	ug/L	1	12/16/22	MH	SW8260C
p-Isopropyltoluene	ND	1.0	0.25	ug/L	1	12/16/22	MH	SW8260C
sec-Butylbenzene	ND	1.0	0.25	ug/L	1	12/16/22	MH	SW8260C
Styrene	ND	1.0	0.25	ug/L	1	12/16/22	MH	SW8260C
tert-Butylbenzene	ND	1.0	0.25	ug/L	1	12/16/22	MH	SW8260C
Tetrachloroethene	61	10	2.5	ug/L	10	12/19/22	MH	SW8260C
Tetrahydrofuran (THF)	ND	2.5	2.5	ug/L	1	12/16/22	MH	SW8260C
Toluene	ND	1.0	0.25	ug/L	1	12/16/22	MH	SW8260C
Total Xylenes	ND	1.0	1.0	ug/L	1	12/16/22	MH	SW8260C
trans-1,2-Dichloroethene	7.1	1.0	0.25	ug/L	1	12/16/22	MH	SW8260C
trans-1,3-Dichloropropene	ND	0.40	0.25	ug/L	1	12/16/22	MH	SW8260C
trans-1,4-dichloro-2-butene	ND	5.0	2.5	ug/L	1	12/16/22	MH	SW8260C
Trichloroethene	100	10	2.5	ug/L	10	12/19/22	MH	SW8260C
Trichlorofluoromethane	ND	1.0	0.25	ug/L	1	12/16/22	MH	SW8260C
Trichlorotrifluoroethane	ND	1.0	0.25	ug/L	1	12/16/22	MH	SW8260C
Vinyl chloride	200	10	2.5	ug/L	10	12/19/22	MH	SW8260C
QA/QC Surrogates								
% 1,2-dichlorobenzene-d4	106			%	1	12/16/22	MH	70 - 130 %
% Bromofluorobenzene	91			%	1	12/16/22	MH	70 - 130 %

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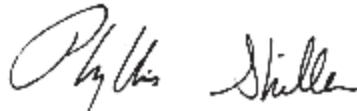
Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
% Dibromofluoromethane	99			%	1	12/16/22	MH	70 - 130 %
% Toluene-d8	94			%	1	12/16/22	MH	70 - 130 %
% 1,2-dichlorobenzene-d4 (10x)	98			%	10	12/19/22	MH	70 - 130 %
% Bromofluorobenzene (10x)	93			%	10	12/19/22	MH	70 - 130 %
% Dibromofluoromethane (10x)	102			%	10	12/19/22	MH	70 - 130 %
% Toluene-d8 (10x)	98			%	10	12/19/22	MH	70 - 130 %
% 1,2-dichlorobenzene-d4 (50x)	101			%	50	12/19/22	MH	70 - 130 %
% Bromofluorobenzene (50x)	93			%	50	12/19/22	MH	70 - 130 %
% Dibromofluoromethane (50x)	103			%	50	12/19/22	MH	70 - 130 %
% Toluene-d8 (50x)	95			%	50	12/19/22	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:

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

January 16, 2023

Reviewed and Released by: Maryam Taylor, Project Manager



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



Analysis Report

January 16, 2023

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:
Received by: CP
Analyzed by: see "By" below

Date

12/15/22
12/15/22

Time

13:25
17:14

Laboratory Data

SDG ID: GCN06061
Phoenix ID: CN06067

Project ID: FORMER DELMAR
Client ID: M-6

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
Volatiles								
1,1,1,2-Tetrachloroethane	ND	1.0	0.25	ug/L	1	12/16/22	MH	SW8260C
1,1,1-Trichloroethane	ND	1.0	0.25	ug/L	1	12/16/22	MH	SW8260C
1,1,2,2-Tetrachloroethane	ND	0.50	0.25	ug/L	1	12/16/22	MH	SW8260C
1,1,2-Trichloroethane	ND	1.0	0.25	ug/L	1	12/16/22	MH	SW8260C
1,1-Dichloroethane	ND	1.0	0.25	ug/L	1	12/16/22	MH	SW8260C
1,1-Dichloroethene	ND	1.0	0.25	ug/L	1	12/16/22	MH	SW8260C
1,1-Dichloropropene	ND	1.0	0.25	ug/L	1	12/16/22	MH	SW8260C
1,2,3-Trichlorobenzene	ND	1.0	0.25	ug/L	1	12/16/22	MH	SW8260C
1,2,3-Trichloropropane	ND	1.0	0.25	ug/L	1	12/16/22	MH	SW8260C
1,2,4-Trichlorobenzene	ND	1.0	0.25	ug/L	1	12/16/22	MH	SW8260C
1,2,4-Trimethylbenzene	ND	1.0	0.25	ug/L	1	12/16/22	MH	SW8260C
1,2-Dibromo-3-chloropropane	ND	1.0	0.50	ug/L	1	12/16/22	MH	SW8260C
1,2-Dibromoethane	ND	1.0	0.25	ug/L	1	12/16/22	MH	SW8260C
1,2-Dichlorobenzene	ND	1.0	0.25	ug/L	1	12/16/22	MH	SW8260C
1,2-Dichloroethane	ND	0.60	0.25	ug/L	1	12/16/22	MH	SW8260C
1,2-Dichloropropane	ND	1.0	0.25	ug/L	1	12/16/22	MH	SW8260C
1,3,5-Trimethylbenzene	ND	1.0	0.25	ug/L	1	12/16/22	MH	SW8260C
1,3-Dichlorobenzene	ND	1.0	0.25	ug/L	1	12/16/22	MH	SW8260C
1,3-Dichloropropane	ND	1.0	0.25	ug/L	1	12/16/22	MH	SW8260C
1,4-Dichlorobenzene	ND	1.0	0.25	ug/L	1	12/16/22	MH	SW8260C
2,2-Dichloropropane	ND	1.0	0.25	ug/L	1	12/16/22	MH	SW8260C
2-Chlorotoluene	ND	1.0	0.25	ug/L	1	12/16/22	MH	SW8260C
2-Hexanone	ND	5.0	2.5	ug/L	1	12/16/22	MH	SW8260C
2-Isopropyltoluene	ND	1.0	0.25	ug/L	1	12/16/22	MH	SW8260C
4-Chlorotoluene	ND	1.0	0.25	ug/L	1	12/16/22	MH	SW8260C
4-Methyl-2-pentanone	ND	5.0	2.5	ug/L	1	12/16/22	MH	SW8260C

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
Acetone	ND	25	2.5	ug/L	1	12/16/22	MH	SW8260C
Acrylonitrile	ND	1.0	0.25	ug/L	1	12/16/22	MH	SW8260C
Benzene	ND	0.70	0.25	ug/L	1	12/16/22	MH	SW8260C
Bromobenzene	ND	1.0	0.25	ug/L	1	12/16/22	MH	SW8260C
Bromochloromethane	ND	1.0	0.25	ug/L	1	12/16/22	MH	SW8260C
Bromodichloromethane	ND	0.50	0.25	ug/L	1	12/16/22	MH	SW8260C
Bromoform	ND	1.0	0.25	ug/L	1	12/16/22	MH	SW8260C
Bromomethane	ND	1.0	0.25	ug/L	1	12/16/22	MH	SW8260C
Carbon Disulfide	ND	5.0	0.25	ug/L	1	12/16/22	MH	SW8260C
Carbon tetrachloride	ND	1.0	0.25	ug/L	1	12/16/22	MH	SW8260C
Chlorobenzene	ND	1.0	0.25	ug/L	1	12/16/22	MH	SW8260C
Chloroethane	ND	1.0	0.25	ug/L	1	12/16/22	MH	SW8260C
Chloroform	ND	1.0	0.25	ug/L	1	12/16/22	MH	SW8260C
Chloromethane	ND	1.0	0.25	ug/L	1	12/16/22	MH	SW8260C
cis-1,2-Dichloroethene	27	2.0	0.50	ug/L	2	12/19/22	MH	SW8260C
cis-1,3-Dichloropropene	ND	0.40	0.25	ug/L	1	12/16/22	MH	SW8260C
Dibromochloromethane	ND	0.50	0.25	ug/L	1	12/16/22	MH	SW8260C
Dibromomethane	ND	1.0	0.25	ug/L	1	12/16/22	MH	SW8260C
Dichlorodifluoromethane	ND	1.0	0.25	ug/L	1	12/16/22	MH	SW8260C
Ethylbenzene	ND	1.0	0.25	ug/L	1	12/16/22	MH	SW8260C
Hexachlorobutadiene	ND	0.40	0.25	ug/L	1	12/16/22	MH	SW8260C
Isopropylbenzene	ND	1.0	0.25	ug/L	1	12/16/22	MH	SW8260C
m&p-Xylene	ND	1.0	0.25	ug/L	1	12/16/22	MH	SW8260C
Methyl ethyl ketone	ND	5.0	2.5	ug/L	1	12/16/22	MH	SW8260C
Methyl t-butyl ether (MTBE)	ND	1.0	0.25	ug/L	1	12/16/22	MH	SW8260C
Methylene chloride	ND	1.0	1.0	ug/L	1	12/16/22	MH	SW8260C
Naphthalene	ND	1.0	1.0	ug/L	1	12/16/22	MH	SW8260C
n-Butylbenzene	ND	1.0	0.25	ug/L	1	12/16/22	MH	SW8260C
n-Propylbenzene	ND	1.0	0.25	ug/L	1	12/16/22	MH	SW8260C
o-Xylene	ND	1.0	0.25	ug/L	1	12/16/22	MH	SW8260C
p-Isopropyltoluene	ND	1.0	0.25	ug/L	1	12/16/22	MH	SW8260C
sec-Butylbenzene	ND	1.0	0.25	ug/L	1	12/16/22	MH	SW8260C
Styrene	ND	1.0	0.25	ug/L	1	12/16/22	MH	SW8260C
tert-Butylbenzene	ND	1.0	0.25	ug/L	1	12/16/22	MH	SW8260C
Tetrachloroethene	ND	1.0	0.25	ug/L	1	12/16/22	MH	SW8260C
Tetrahydrofuran (THF)	ND	2.5	2.5	ug/L	1	12/16/22	MH	SW8260C
Toluene	ND	1.0	0.25	ug/L	1	12/16/22	MH	SW8260C
Total Xylenes	ND	1.0	1.0	ug/L	1	12/16/22	MH	SW8260C
trans-1,2-Dichloroethene	ND	1.0	0.25	ug/L	1	12/16/22	MH	SW8260C
trans-1,3-Dichloropropene	ND	0.40	0.25	ug/L	1	12/16/22	MH	SW8260C
trans-1,4-dichloro-2-butene	ND	5.0	2.5	ug/L	1	12/16/22	MH	SW8260C
Trichloroethene	ND	1.0	0.25	ug/L	1	12/16/22	MH	SW8260C
Trichlorofluoromethane	ND	1.0	0.25	ug/L	1	12/16/22	MH	SW8260C
Trichlorotrifluoroethane	ND	1.0	0.25	ug/L	1	12/16/22	MH	SW8260C
Vinyl chloride	5.2	2.0	0.50	ug/L	2	12/19/22	MH	SW8260C
QA/QC Surrogates								
% 1,2-dichlorobenzene-d4	107			%	1	12/16/22	MH	70 - 130 %
% Bromofluorobenzene	92			%	1	12/16/22	MH	70 - 130 %
% Dibromofluoromethane	102			%	1	12/16/22	MH	70 - 130 %

1

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
% Toluene-d8	95			%	1	12/16/22	MH	70 - 130 %
% 1,2-dichlorobenzene-d4 (2x)	99			%	2	12/19/22	MH	70 - 130 %
% Bromofluorobenzene (2x)	93			%	2	12/19/22	MH	70 - 130 %
% Dibromofluoromethane (2x)	101			%	2	12/19/22	MH	70 - 130 %
% Toluene-d8 (2x)	97			%	2	12/19/22	MH	70 - 130 %

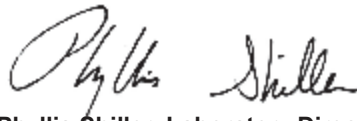
1 = This parameter is not certified by the primary accrediting authority (NY NELAC) for this matrix. NY NELAC does not offer certification for all parameters at this time.

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:

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

January 16, 2023

Reviewed and Released by: Maryam Taylor, Project Manager



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



Analysis Report

January 16, 2023

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:
Received by: CP
Analyzed by: see "By" below

Date

12/15/22

Time

17:14

Laboratory Data

SDG ID: GCN06061
Phoenix ID: CN06068

Project ID: FORMER DELMAR
Client ID: DUP

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
Volatiles								
1,1,1,2-Tetrachloroethane	ND	20	5.0	ug/L	20	12/16/22	MH	SW8260C
1,1,1-Trichloroethane	ND	20	5.0	ug/L	20	12/16/22	MH	SW8260C
1,1,2,2-Tetrachloroethane	ND	10	5.0	ug/L	20	12/16/22	MH	SW8260C
1,1,2-Trichloroethane	ND	20	5.0	ug/L	20	12/16/22	MH	SW8260C
1,1-Dichloroethane	ND	20	5.0	ug/L	20	12/16/22	MH	SW8260C
1,1-Dichloroethene	ND	20	5.0	ug/L	20	12/16/22	MH	SW8260C
1,1-Dichloropropene	ND	20	5.0	ug/L	20	12/16/22	MH	SW8260C
1,2,3-Trichlorobenzene	ND	20	5.0	ug/L	20	12/16/22	MH	SW8260C
1,2,3-Trichloropropane	ND	20	5.0	ug/L	20	12/16/22	MH	SW8260C
1,2,4-Trichlorobenzene	ND	20	5.0	ug/L	20	12/16/22	MH	SW8260C
1,2,4-Trimethylbenzene	ND	20	5.0	ug/L	20	12/16/22	MH	SW8260C
1,2-Dibromo-3-chloropropane	ND	20	10	ug/L	20	12/16/22	MH	SW8260C
1,2-Dibromoethane	ND	20	5.0	ug/L	20	12/16/22	MH	SW8260C
1,2-Dichlorobenzene	ND	20	5.0	ug/L	20	12/16/22	MH	SW8260C
1,2-Dichloroethane	ND	12	5.0	ug/L	20	12/16/22	MH	SW8260C
1,2-Dichloropropane	ND	20	5.0	ug/L	20	12/16/22	MH	SW8260C
1,3,5-Trimethylbenzene	ND	20	5.0	ug/L	20	12/16/22	MH	SW8260C
1,3-Dichlorobenzene	ND	20	5.0	ug/L	20	12/16/22	MH	SW8260C
1,3-Dichloropropane	ND	20	5.0	ug/L	20	12/16/22	MH	SW8260C
1,4-Dichlorobenzene	ND	20	5.0	ug/L	20	12/16/22	MH	SW8260C
2,2-Dichloropropane	ND	20	5.0	ug/L	20	12/16/22	MH	SW8260C
2-Chlorotoluene	ND	20	5.0	ug/L	20	12/16/22	MH	SW8260C
2-Hexanone	ND	100	50	ug/L	20	12/16/22	MH	SW8260C
2-Isopropyltoluene	ND	20	5.0	ug/L	20	12/16/22	MH	SW8260C
4-Chlorotoluene	ND	20	5.0	ug/L	20	12/16/22	MH	SW8260C
4-Methyl-2-pentanone	ND	100	50	ug/L	20	12/16/22	MH	SW8260C

Client ID: DUP

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
Acetone	ND	500	50	ug/L	20	12/16/22	MH	SW8260C
Acrylonitrile	ND	20	5.0	ug/L	20	12/16/22	MH	SW8260C
Benzene	ND	14	5.0	ug/L	20	12/16/22	MH	SW8260C
Bromobenzene	ND	20	5.0	ug/L	20	12/16/22	MH	SW8260C
Bromochloromethane	ND	20	5.0	ug/L	20	12/16/22	MH	SW8260C
Bromodichloromethane	ND	10	5.0	ug/L	20	12/16/22	MH	SW8260C
Bromoform	ND	20	5.0	ug/L	20	12/16/22	MH	SW8260C
Bromomethane	ND	20	5.0	ug/L	20	12/16/22	MH	SW8260C
Carbon Disulfide	ND	100	5.0	ug/L	20	12/16/22	MH	SW8260C
Carbon tetrachloride	ND	20	5.0	ug/L	20	12/16/22	MH	SW8260C
Chlorobenzene	ND	20	5.0	ug/L	20	12/16/22	MH	SW8260C
Chloroethane	ND	20	5.0	ug/L	20	12/16/22	MH	SW8260C
Chloroform	ND	20	5.0	ug/L	20	12/16/22	MH	SW8260C
Chloromethane	ND	20	5.0	ug/L	20	12/16/22	MH	SW8260C
cis-1,2-Dichloroethene	1900	200	50	ug/L	200	12/19/22	MH	SW8260C
cis-1,3-Dichloropropene	ND	8.0	5.0	ug/L	20	12/16/22	MH	SW8260C
Dibromochloromethane	ND	10	5.0	ug/L	20	12/16/22	MH	SW8260C
Dibromomethane	ND	20	5.0	ug/L	20	12/16/22	MH	SW8260C
Dichlorodifluoromethane	ND	20	5.0	ug/L	20	12/16/22	MH	SW8260C
Ethylbenzene	ND	20	5.0	ug/L	20	12/16/22	MH	SW8260C
Hexachlorobutadiene	ND	8.0	5.0	ug/L	20	12/16/22	MH	SW8260C
Isopropylbenzene	ND	20	5.0	ug/L	20	12/16/22	MH	SW8260C
m&p-Xylene	ND	20	5.0	ug/L	20	12/16/22	MH	SW8260C
Methyl ethyl ketone	ND	100	50	ug/L	20	12/16/22	MH	SW8260C
Methyl t-butyl ether (MTBE)	ND	20	5.0	ug/L	20	12/16/22	MH	SW8260C
Methylene chloride	ND	20	20	ug/L	20	12/16/22	MH	SW8260C
Naphthalene	ND	20	20	ug/L	20	12/16/22	MH	SW8260C
n-Butylbenzene	ND	20	5.0	ug/L	20	12/16/22	MH	SW8260C
n-Propylbenzene	ND	20	5.0	ug/L	20	12/16/22	MH	SW8260C
o-Xylene	ND	20	5.0	ug/L	20	12/16/22	MH	SW8260C
p-Isopropyltoluene	ND	20	5.0	ug/L	20	12/16/22	MH	SW8260C
sec-Butylbenzene	ND	20	5.0	ug/L	20	12/16/22	MH	SW8260C
Styrene	ND	20	5.0	ug/L	20	12/16/22	MH	SW8260C
tert-Butylbenzene	ND	20	5.0	ug/L	20	12/16/22	MH	SW8260C
Tetrachloroethene	3500	200	50	ug/L	200	12/19/22	MH	SW8260C
Tetrahydrofuran (THF)	ND	50	50	ug/L	20	12/16/22	MH	SW8260C
Toluene	ND	20	5.0	ug/L	20	12/16/22	MH	SW8260C
Total Xylenes	ND	20	20	ug/L	20	12/16/22	MH	SW8260C
trans-1,2-Dichloroethene	ND	20	5.0	ug/L	20	12/16/22	MH	SW8260C
trans-1,3-Dichloropropene	ND	8.0	5.0	ug/L	20	12/16/22	MH	SW8260C
trans-1,4-dichloro-2-butene	ND	100	50	ug/L	20	12/16/22	MH	SW8260C
Trichloroethene	1400	200	50	ug/L	200	12/19/22	MH	SW8260C
Trichlorofluoromethane	ND	20	5.0	ug/L	20	12/16/22	MH	SW8260C
Trichlorotrifluoroethane	ND	20	5.0	ug/L	20	12/16/22	MH	SW8260C
Vinyl chloride	220	20	5.0	ug/L	20	12/16/22	MH	SW8260C
QA/QC Surrogates								
% 1,2-dichlorobenzene-d4 (20x)	108			%	20	12/16/22	MH	70 - 130 %
% Bromofluorobenzene (20x)	88			%	20	12/16/22	MH	70 - 130 %
% Dibromofluoromethane (20x)	93			%	20	12/16/22	MH	70 - 130 %

1

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
% Toluene-d8 (20x)	91			%	20	12/16/22	MH	70 - 130 %
% 1,2-dichlorobenzene-d4 (200x)	101			%	200	12/19/22	MH	70 - 130 %
% Bromofluorobenzene (200x)	94			%	200	12/19/22	MH	70 - 130 %
% Dibromofluoromethane (200x)	103			%	200	12/19/22	MH	70 - 130 %
% Toluene-d8 (200x)	96			%	200	12/19/22	MH	70 - 130 %

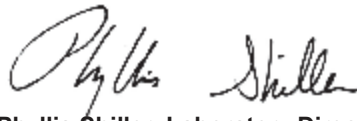
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RL/PQL=Reporting/Practical Quantitation Level (Equivalent to NELAC LOQ, Limit of Quantitation) ND=Not Detected BRL=Below Reporting Level L=Biased Low LOD=Limit of Detection MDL=Method Detection Limit1

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:

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

January 16, 2023

Reviewed and Released by: Maryam Taylor, Project Manager



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



Analysis Report

January 16, 2023

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:
Received by: CP
Analyzed by: see "By" below

Date

12/15/22
12/15/22

Time

12:45
17:14

Laboratory Data

SDG ID: GCN06061
Phoenix ID: CN06069

Project ID: FORMER DELMAR
Client ID: FIELD BLANK

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
Volatiles								
1,1,1,2-Tetrachloroethane	ND	1.0	0.25	ug/L	1	12/16/22	HM	SW8260C
1,1,1-Trichloroethane	ND	1.0	0.25	ug/L	1	12/16/22	HM	SW8260C
1,1,2,2-Tetrachloroethane	ND	0.50	0.25	ug/L	1	12/16/22	HM	SW8260C
1,1,2-Trichloroethane	ND	1.0	0.25	ug/L	1	12/16/22	HM	SW8260C
1,1-Dichloroethane	ND	1.0	0.25	ug/L	1	12/16/22	HM	SW8260C
1,1-Dichloroethene	ND	1.0	0.25	ug/L	1	12/16/22	HM	SW8260C
1,1-Dichloropropene	ND	1.0	0.25	ug/L	1	12/16/22	HM	SW8260C
1,2,3-Trichlorobenzene	ND	1.0	0.25	ug/L	1	12/16/22	HM	SW8260C
1,2,3-Trichloropropane	ND	1.0	0.25	ug/L	1	12/16/22	HM	SW8260C
1,2,4-Trichlorobenzene	ND	1.0	0.25	ug/L	1	12/16/22	HM	SW8260C
1,2,4-Trimethylbenzene	ND	1.0	0.25	ug/L	1	12/16/22	HM	SW8260C
1,2-Dibromo-3-chloropropane	ND	1.0	0.50	ug/L	1	12/16/22	HM	SW8260C
1,2-Dibromoethane	ND	1.0	0.25	ug/L	1	12/16/22	HM	SW8260C
1,2-Dichlorobenzene	ND	1.0	0.25	ug/L	1	12/16/22	HM	SW8260C
1,2-Dichloroethane	ND	0.60	0.25	ug/L	1	12/16/22	HM	SW8260C
1,2-Dichloropropane	ND	1.0	0.25	ug/L	1	12/16/22	HM	SW8260C
1,3,5-Trimethylbenzene	ND	1.0	0.25	ug/L	1	12/16/22	HM	SW8260C
1,3-Dichlorobenzene	ND	1.0	0.25	ug/L	1	12/16/22	HM	SW8260C
1,3-Dichloropropane	ND	1.0	0.25	ug/L	1	12/16/22	HM	SW8260C
1,4-Dichlorobenzene	ND	1.0	0.25	ug/L	1	12/16/22	HM	SW8260C
2,2-Dichloropropane	ND	1.0	0.25	ug/L	1	12/16/22	HM	SW8260C
2-Chlorotoluene	ND	1.0	0.25	ug/L	1	12/16/22	HM	SW8260C
2-Hexanone	ND	5.0	2.5	ug/L	1	12/16/22	HM	SW8260C
2-Isopropyltoluene	ND	1.0	0.25	ug/L	1	12/16/22	HM	SW8260C
4-Chlorotoluene	ND	1.0	0.25	ug/L	1	12/16/22	HM	SW8260C
4-Methyl-2-pentanone	ND	5.0	2.5	ug/L	1	12/16/22	HM	SW8260C

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
Acetone	ND	25	2.5	ug/L	1	12/16/22	HM	SW8260C
Acrylonitrile	ND	1.0	0.25	ug/L	1	12/16/22	HM	SW8260C
Benzene	ND	0.70	0.25	ug/L	1	12/16/22	HM	SW8260C
Bromobenzene	ND	1.0	0.25	ug/L	1	12/16/22	HM	SW8260C
Bromochloromethane	ND	1.0	0.25	ug/L	1	12/16/22	HM	SW8260C
Bromodichloromethane	ND	0.50	0.25	ug/L	1	12/16/22	HM	SW8260C
Bromoform	ND	1.0	0.25	ug/L	1	12/16/22	HM	SW8260C
Bromomethane	ND	1.0	0.25	ug/L	1	12/16/22	HM	SW8260C
Carbon Disulfide	ND	5.0	0.25	ug/L	1	12/16/22	HM	SW8260C
Carbon tetrachloride	ND	1.0	0.25	ug/L	1	12/16/22	HM	SW8260C
Chlorobenzene	ND	1.0	0.25	ug/L	1	12/16/22	HM	SW8260C
Chloroethane	ND	1.0	0.25	ug/L	1	12/16/22	HM	SW8260C
Chloroform	ND	1.0	0.25	ug/L	1	12/16/22	HM	SW8260C
Chloromethane	ND	1.0	0.25	ug/L	1	12/16/22	HM	SW8260C
cis-1,2-Dichloroethene	ND	1.0	0.25	ug/L	1	12/16/22	HM	SW8260C
cis-1,3-Dichloropropene	ND	0.40	0.25	ug/L	1	12/16/22	HM	SW8260C
Dibromochloromethane	ND	0.50	0.25	ug/L	1	12/16/22	HM	SW8260C
Dibromomethane	ND	1.0	0.25	ug/L	1	12/16/22	HM	SW8260C
Dichlorodifluoromethane	ND	1.0	0.25	ug/L	1	12/16/22	HM	SW8260C
Ethylbenzene	ND	1.0	0.25	ug/L	1	12/16/22	HM	SW8260C
Hexachlorobutadiene	ND	0.40	0.25	ug/L	1	12/16/22	HM	SW8260C
Isopropylbenzene	ND	1.0	0.25	ug/L	1	12/16/22	HM	SW8260C
m&p-Xylene	ND	1.0	0.25	ug/L	1	12/16/22	HM	SW8260C
Methyl ethyl ketone	ND	5.0	2.5	ug/L	1	12/16/22	HM	SW8260C
Methyl t-butyl ether (MTBE)	ND	1.0	0.25	ug/L	1	12/16/22	HM	SW8260C
Methylene chloride	ND	1.0	1.0	ug/L	1	12/16/22	HM	SW8260C
Naphthalene	ND	1.0	1.0	ug/L	1	12/16/22	HM	SW8260C
n-Butylbenzene	ND	1.0	0.25	ug/L	1	12/16/22	HM	SW8260C
n-Propylbenzene	ND	1.0	0.25	ug/L	1	12/16/22	HM	SW8260C
o-Xylene	ND	1.0	0.25	ug/L	1	12/16/22	HM	SW8260C
p-Isopropyltoluene	ND	1.0	0.25	ug/L	1	12/16/22	HM	SW8260C
sec-Butylbenzene	ND	1.0	0.25	ug/L	1	12/16/22	HM	SW8260C
Styrene	ND	1.0	0.25	ug/L	1	12/16/22	HM	SW8260C
tert-Butylbenzene	ND	1.0	0.25	ug/L	1	12/16/22	HM	SW8260C
Tetrachloroethene	ND	1.0	0.25	ug/L	1	12/16/22	HM	SW8260C
Tetrahydrofuran (THF)	ND	2.5	2.5	ug/L	1	12/16/22	HM	SW8260C
Toluene	ND	1.0	0.25	ug/L	1	12/16/22	HM	SW8260C
Total Xylenes	ND	1.0	1.0	ug/L	1	12/16/22	HM	SW8260C
trans-1,2-Dichloroethene	ND	1.0	0.25	ug/L	1	12/16/22	HM	SW8260C
trans-1,3-Dichloropropene	ND	0.40	0.25	ug/L	1	12/16/22	HM	SW8260C
trans-1,4-dichloro-2-butene	ND	5.0	2.5	ug/L	1	12/16/22	HM	SW8260C
Trichloroethene	ND	1.0	0.25	ug/L	1	12/16/22	HM	SW8260C
Trichlorofluoromethane	ND	1.0	0.25	ug/L	1	12/16/22	HM	SW8260C
Trichlorotrifluoroethane	ND	1.0	0.25	ug/L	1	12/16/22	HM	SW8260C
Vinyl chloride	ND	1.0	0.25	ug/L	1	12/16/22	HM	SW8260C
QA/QC Surrogates								
% 1,2-dichlorobenzene-d4	107			%	1	12/16/22	HM	70 - 130 %
% Bromofluorobenzene	91			%	1	12/16/22	HM	70 - 130 %
% Dibromofluoromethane	99			%	1	12/16/22	HM	70 - 130 %

1

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
% Toluene-d8	95			%	1	12/16/22	HM	70 - 130 %

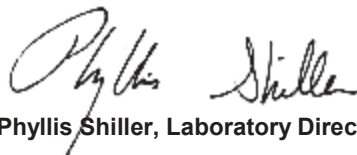
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RL/PQL=Reporting/Practical Quantitation Level (Equivalent to NELAC LOQ, Limit of Quantitation) ND=Not Detected BRL=Below Reporting Level L=Biased Low LOD=Limit of Detection MDL=Method Detection Limit1

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:

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

January 16, 2023

Reviewed and Released by: Maryam Taylor, Project Manager



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



Analysis Report

January 16, 2023

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:
Received by: CP
Analyzed by: see "By" below

Date

12/15/22

Time

17:14

Laboratory Data

SDG ID: GCN06061
Phoenix ID: CN06070

Project ID: FORMER DELMAR
Client ID: TRIP BLANK

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
Volatiles								
1,1,1,2-Tetrachloroethane	ND	1.0	0.25	ug/L	1	12/15/22	HM	SW8260C
1,1,1-Trichloroethane	ND	1.0	0.25	ug/L	1	12/15/22	HM	SW8260C
1,1,2,2-Tetrachloroethane	ND	0.50	0.25	ug/L	1	12/15/22	HM	SW8260C
1,1,2-Trichloroethane	ND	1.0	0.25	ug/L	1	12/15/22	HM	SW8260C
1,1-Dichloroethane	ND	1.0	0.25	ug/L	1	12/15/22	HM	SW8260C
1,1-Dichloroethene	ND	1.0	0.25	ug/L	1	12/15/22	HM	SW8260C
1,1-Dichloropropene	ND	1.0	0.25	ug/L	1	12/15/22	HM	SW8260C
1,2,3-Trichlorobenzene	ND	1.0	0.25	ug/L	1	12/15/22	HM	SW8260C
1,2,3-Trichloropropane	ND	1.0	0.25	ug/L	1	12/15/22	HM	SW8260C
1,2,4-Trichlorobenzene	ND	1.0	0.25	ug/L	1	12/15/22	HM	SW8260C
1,2,4-Trimethylbenzene	ND	1.0	0.25	ug/L	1	12/15/22	HM	SW8260C
1,2-Dibromo-3-chloropropane	ND	1.0	0.50	ug/L	1	12/15/22	HM	SW8260C
1,2-Dibromoethane	ND	1.0	0.25	ug/L	1	12/15/22	HM	SW8260C
1,2-Dichlorobenzene	ND	1.0	0.25	ug/L	1	12/15/22	HM	SW8260C
1,2-Dichloroethane	ND	0.60	0.25	ug/L	1	12/15/22	HM	SW8260C
1,2-Dichloropropane	ND	1.0	0.25	ug/L	1	12/15/22	HM	SW8260C
1,3,5-Trimethylbenzene	ND	1.0	0.25	ug/L	1	12/15/22	HM	SW8260C
1,3-Dichlorobenzene	ND	1.0	0.25	ug/L	1	12/15/22	HM	SW8260C
1,3-Dichloropropane	ND	1.0	0.25	ug/L	1	12/15/22	HM	SW8260C
1,4-Dichlorobenzene	ND	1.0	0.25	ug/L	1	12/15/22	HM	SW8260C
2,2-Dichloropropane	ND	1.0	0.25	ug/L	1	12/15/22	HM	SW8260C
2-Chlorotoluene	ND	1.0	0.25	ug/L	1	12/15/22	HM	SW8260C
2-Hexanone	ND	5.0	2.5	ug/L	1	12/15/22	HM	SW8260C
2-Isopropyltoluene	ND	1.0	0.25	ug/L	1	12/15/22	HM	SW8260C
4-Chlorotoluene	ND	1.0	0.25	ug/L	1	12/15/22	HM	SW8260C
4-Methyl-2-pentanone	ND	5.0	2.5	ug/L	1	12/15/22	HM	SW8260C

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
Acetone	ND	25	2.5	ug/L	1	12/15/22	HM	SW8260C
Acrylonitrile	ND	1.0	0.25	ug/L	1	12/15/22	HM	SW8260C
Benzene	ND	0.70	0.25	ug/L	1	12/15/22	HM	SW8260C
Bromobenzene	ND	1.0	0.25	ug/L	1	12/15/22	HM	SW8260C
Bromochloromethane	ND	1.0	0.25	ug/L	1	12/15/22	HM	SW8260C
Bromodichloromethane	ND	0.50	0.25	ug/L	1	12/15/22	HM	SW8260C
Bromoform	ND	1.0	0.25	ug/L	1	12/15/22	HM	SW8260C
Bromomethane	ND	1.0	0.25	ug/L	1	12/15/22	HM	SW8260C
Carbon Disulfide	ND	5.0	0.25	ug/L	1	12/15/22	HM	SW8260C
Carbon tetrachloride	ND	1.0	0.25	ug/L	1	12/15/22	HM	SW8260C
Chlorobenzene	ND	1.0	0.25	ug/L	1	12/15/22	HM	SW8260C
Chloroethane	ND	1.0	0.25	ug/L	1	12/15/22	HM	SW8260C
Chloroform	ND	1.0	0.25	ug/L	1	12/15/22	HM	SW8260C
Chloromethane	ND	1.0	0.25	ug/L	1	12/15/22	HM	SW8260C
cis-1,2-Dichloroethene	ND	1.0	0.25	ug/L	1	12/15/22	HM	SW8260C
cis-1,3-Dichloropropene	ND	0.40	0.25	ug/L	1	12/15/22	HM	SW8260C
Dibromochloromethane	ND	0.50	0.25	ug/L	1	12/15/22	HM	SW8260C
Dibromomethane	ND	1.0	0.25	ug/L	1	12/15/22	HM	SW8260C
Dichlorodifluoromethane	ND	1.0	0.25	ug/L	1	12/15/22	HM	SW8260C
Ethylbenzene	ND	1.0	0.25	ug/L	1	12/15/22	HM	SW8260C
Hexachlorobutadiene	ND	0.40	0.25	ug/L	1	12/15/22	HM	SW8260C
Isopropylbenzene	ND	1.0	0.25	ug/L	1	12/15/22	HM	SW8260C
m&p-Xylene	ND	1.0	0.25	ug/L	1	12/15/22	HM	SW8260C
Methyl ethyl ketone	ND	5.0	2.5	ug/L	1	12/15/22	HM	SW8260C
Methyl t-butyl ether (MTBE)	ND	1.0	0.25	ug/L	1	12/15/22	HM	SW8260C
Methylene chloride	ND	1.0	1.0	ug/L	1	12/15/22	HM	SW8260C
Naphthalene	ND	1.0	1.0	ug/L	1	12/15/22	HM	SW8260C
n-Butylbenzene	ND	1.0	0.25	ug/L	1	12/15/22	HM	SW8260C
n-Propylbenzene	ND	1.0	0.25	ug/L	1	12/15/22	HM	SW8260C
o-Xylene	ND	1.0	0.25	ug/L	1	12/15/22	HM	SW8260C
p-Isopropyltoluene	ND	1.0	0.25	ug/L	1	12/15/22	HM	SW8260C
sec-Butylbenzene	ND	1.0	0.25	ug/L	1	12/15/22	HM	SW8260C
Styrene	ND	1.0	0.25	ug/L	1	12/15/22	HM	SW8260C
tert-Butylbenzene	ND	1.0	0.25	ug/L	1	12/15/22	HM	SW8260C
Tetrachloroethene	ND	1.0	0.25	ug/L	1	12/15/22	HM	SW8260C
Tetrahydrofuran (THF)	ND	2.5	2.5	ug/L	1	12/15/22	HM	SW8260C
Toluene	ND	1.0	0.25	ug/L	1	12/15/22	HM	SW8260C
Total Xylenes	ND	1.0	1.0	ug/L	1	12/15/22	HM	SW8260C
trans-1,2-Dichloroethene	ND	1.0	0.25	ug/L	1	12/15/22	HM	SW8260C
trans-1,3-Dichloropropene	ND	0.40	0.25	ug/L	1	12/15/22	HM	SW8260C
trans-1,4-dichloro-2-butene	ND	5.0	2.5	ug/L	1	12/15/22	HM	SW8260C
Trichloroethene	ND	1.0	0.25	ug/L	1	12/15/22	HM	SW8260C
Trichlorofluoromethane	ND	1.0	0.25	ug/L	1	12/15/22	HM	SW8260C
Trichlorotrifluoroethane	ND	1.0	0.25	ug/L	1	12/15/22	HM	SW8260C
Vinyl chloride	ND	1.0	0.25	ug/L	1	12/15/22	HM	SW8260C
QA/QC Surrogates								
% 1,2-dichlorobenzene-d4	107			%	1	12/15/22	HM	70 - 130 %
% Bromofluorobenzene	91			%	1	12/15/22	HM	70 - 130 %
% Dibromofluoromethane	91			%	1	12/15/22	HM	70 - 130 %

1

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
% Toluene-d8	95			%	1	12/15/22	HM	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.

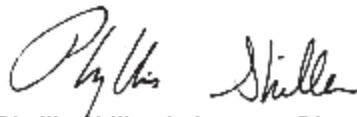
RL/PQL=Reporting/Practical Quantitation Level (Equivalent to NELAC LOQ, Limit of Quantitation) ND=Not Detected BRL=Below Reporting Level L=Biased Low LOD=Limit of Detection MDL=Method Detection Limit1

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:

TRIP BLANK INCLUDED.

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

January 16, 2023

Reviewed and Released by: Maryam Taylor, Project Manager

VOC Data Section



**QA/QC Review of Method 8260C Volatiles Data
for Phoenix Environmental Laboratories, Inc.
SDG: GCN06061**

**7 Ground Water Samples, 1 Field Duplicate,
1 Field Blank, and 1 Trip Blank
Collected December 15, 2022**

Prepared by: Donald Anné
January 19, 2023

Geology

Hydrology

Remediation

Water Supply

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 acetone, methyl ethyl ketone, 4-methyl-2-pentanone, 2-hexanone, and bromoform was below the method minimums, but not below 0.010 for CHEM02 on 12-18-22. The %RSDs for bromomethane and bromoform were above the method maximum for CHEM02 on 12-18-22. The %RSDs for trans-1,3-dichloropropene, dibromochloromethane, o-xylene, styrene, and bromoform were above the method maximum for CHEM15 on 12-12-22. No action is taken when fewer than 20% of the compounds per calibration do not meet either method %RSD or average RRF criteria, provided the average RRFs are not below 0.010.

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

The %RSD for bromomethane was above the allowable maximum (30%) for CHEM02 on 12-18-22. The %RSD for trans-1,4-dichloro-2-butene was above the allowable maximum (30%) for CHEM15 on 12-12-22. Positive results for these compounds should be considered estimated (J) in associated samples.

Continuing Calibration: The RRFs for 8 compounds (highlighted yellow on attached form 7A) were below the method minimums, but not below 0.010 on 12-19-22 (1219_02.D). The %Ds for bromomethane and 1,2-dibromo-3-chloropropane were above the method maximum on 12-15-22 (1215_32.D). No action is taken when fewer than 20% of the compounds per calibration do not meet either method %D or RRF criteria, provided the RRFs are not below 0.010.

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

The %Ds for bromomethane, 1,2-dibromo-3-chloropropane, naphthalene, and 1,2,3-trichlorobenzene were above the allowable maximum (20%) on 12-15-22 (1215_32.D). Positive results for these compounds should be considered estimated (J) in associated samples.

Blanks: The analyses of the method and trip 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 trichloroethene and tetrachloroethene were below the allowable maximum and the percent recoveries were within QC limits for aqueous MS/MSD 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 CN06066 LCS.

The RPDs for applicable target compounds were below the allowable maximum; but 2 of 2 %Rs for naphthalene and 1 of 2 %Rs for 1,2,3-trichlorobenzene were above QC limits for aqueous sample CN06061 LCS. Positive results for these compounds should be considered estimated, biased high (J+) in associated aqueous samples.

Field Duplicates: The relative percent differences for compounds were below the allowable maximum (30%) for aqueous field duplicate pair MW-1/DUP (attached table), as required.

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.

3C
WATER VOLATILE LCS SPIKE / LCS SPIKE DUPLICATE RECOVERY

Lab Name: Phoenix Environmental Labs Client: HENNESSY

Lab Code: Phoenix Case No: _____ SAS No: _____ SDG No GCN06061

LCS Spike - Client Id: CN06061 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	7.732	77	70	130
Chloromethane	10	0.0	8.896	89	70	130
Vinyl Chloride	10	0.0	9.359	94	70	130
Bromomethane	10	0.0	7.546	75	70	130
Chloroethane	10	0.0	9.641	96	70	130
Trichlorofluoromethane	10	0.0	8.569	86	70	130
1,1-Dichloroethene	10	0.0	8.919	89	70	130
Trichlorotrifluoroethane	10	0.0	8.453	85	70	130
Carbon Disulfide	10	0.0	8.606	86	70	130
Methylene Chloride	10	0.0	8.905	89	70	130
Acetone	10	0.0	8.675	87	70	130
Trans-1,2-Dichloroethene	10	0.0	9.200	92	70	130
Methyl t-Butyl Ether (MTBE)	10	0.0	9.915	99	70	130
1,1-Dichloroethane	10	0.0	9.356	94	70	130
Acrylonitrile	10	0.0	9.413	94	70	130
Cis-1,2-Dichloroethene	10	0.0	9.699	97	70	130
2,2-Dichloropropane	10	0.0	8.443	84	70	130
Bromochloromethane	10	0.0	9.597	96	70	130
Chloroform	10	0.0	9.437	94	70	130
COMPOUND	SPIKE ADDED ug/L	LCSD CONCENTRATION ug/L	LCSD % REC #	% RPD	QC LIMITS	
				#	RPD	REC.
Dichlorodifluoromethane	10	8.637	86	11.0	30	70 130
Chloromethane	10	9.944	99	10.6	30	70 130
Vinyl Chloride	10	10.46	105	11.1	30	70 130
Bromomethane	10	9.144	91	19.3	30	70 130
Chloroethane	10	10.16	102	6.1	30	70 130
Trichlorofluoromethane	10	9.540	95	9.9	30	70 130
1,1-Dichloroethene	10	10.01	100	11.6	30	70 130
Trichlorotrifluoroethane	10	9.051	91	6.8	30	70 130
Carbon Disulfide	10	9.880	99	14.1	30	70 130
Methylene Chloride	10	9.872	99	10.6	30	70 130
Acetone	10	10.08	101	14.9	30	70 130
Trans-1,2-Dichloroethene	10	10.43	104	12.2	30	70 130
Methyl t-Butyl Ether (MTBE)	10	11.17	112	12.3	30	70 130
1,1-Dichloroethane	10	10.50	105	11.1	30	70 130
Acrylonitrile	10	10.04	100	6.2	30	70 130
Cis-1,2-Dichloroethene	10	10.59	106	8.9	30	70 130
2,2-Dichloropropane	10	9.383	94	11.2	30	70 130
Bromochloromethane	10	10.86	109	12.7	30	70 130
Chloroform	10	10.28	103	9.1	30	70 130

FORM III VOA

3C
WATER VOLATILE LCS SPIKE / LCS SPIKE DUPLICATE RECOVERY

Lab Name: Phoenix Environmental Labs Client: HENNESSY

Lab Code: Phoenix Case No: _____ SAS No: _____ SDG No GCN06061

LCS Spike - Client Id: CN06061 LCS Level:(low/med) Med

COMPOUND	SPIKE ADDED ug/L	SAMPLE CONCENTRATION ug/L	LCS CONCENTRATION ug/L	LCS % REC #	QC. LIMITS REC.	
Carbon Tetrachloride	10	0.0	10.13	101	70	130
Tetrahydrofuran (THF)	25	0.0	23.13	93	70	130
1,1,1-Trichloroethane	10	0.0	9.048	90	70	130
Methyl Ethyl Ketone	10	0.0	9.600	96	70	130
1,1-Dichloropropene	10	0.0	9.761	98	70	130
Benzene	10	0.0	9.991	100	70	130
1,2-Dichloroethane	10	0.0	9.678	97	70	130
Trichloroethene	10	0.0	10.16	102	70	130
Dibromomethane	10	0.0	9.931	99	70	130
1,2-dichloropropane	10	0.0	9.671	97	70	130
Bromodichloromethane	10	0.0	9.693	97	70	130
cis-1,3-Dichloropropene	10	0.0	9.746	97	70	130
Toluene	10	0.0	10.15	102	70	130
4-Methyl-2-Pentanone	10	0.0	9.748	97	70	130
Tetrachloroethene	10	0.0	9.941	99	70	130
trans-1,3-Dichloropropene	10	0.0	9.617	96	70	130
1,1,2-Trichloroethane	10	0.0	10.06	101	70	130
Dibromochloromethane	10	0.0	10.47	105	70	130
1,3-Dichloropropane	10	0.0	10.77	108	70	130
COMPOUND	SPIKE ADDED ug/L	LCSD CONCENTRATION ug/L	LCSD % REC #	% RPD	QC LIMITS	
					RPD	REC.
Carbon Tetrachloride	10	9.593	96	5.1	30	70 130
Tetrahydrofuran (THF)	25	26.61	106	13.1	30	70 130
1,1,1-Trichloroethane	10	10.02	100	10.5	30	70 130
Methyl Ethyl Ketone	10	10.34	103	7.0	30	70 130
1,1-Dichloropropene	10	10.70	107	8.8	30	70 130
Benzene	10	10.98	110	9.5	30	70 130
1,2-Dichloroethane	10	10.26	103	6.0	30	70 130
Trichloroethene	10	10.96	110	7.5	30	70 130
Dibromomethane	10	10.71	107	7.8	30	70 130
1,2-dichloropropane	10	10.49	105	7.9	30	70 130
Bromodichloromethane	10	10.66	107	9.8	30	70 130
cis-1,3-Dichloropropene	10	10.59	106	8.9	30	70 130
Toluene	10	11.29	113	10.2	30	70 130
4-Methyl-2-Pentanone	10	10.70	107	9.8	30	70 130
Tetrachloroethene	10	11.08	111	11.4	30	70 130
trans-1,3-Dichloropropene	10	10.69	107	10.8	30	70 130
1,1,2-Trichloroethane	10	10.95	109	7.6	30	70 130
Dibromochloromethane	10	11.49	115	9.1	30	70 130
1,3-Dichloropropane	10	11.79	118	8.8	30	70 130

FORM III VOA

3C
WATER VOLATILE LCS SPIKE / LCS SPIKE DUPLICATE RECOVERY

Lab Name: Phoenix Environmental Labs Client: HENNESSY

Lab Code: Phoenix Case No: _____ SAS No: _____ SDG No GCN06061

LCS Spike - Client Id: CN06061 LCS Level:(low/med) Med

COMPOUND	SPIKE ADDED ug/L	SAMPLE CONCENTRATION ug/L	LCS CONCENTRATION ug/L	LCS % REC #	QC. LIMITS REC.	
1,2-Dibromoethane	10	0.0	11.43	114	70	130
2-Hexanone	10	0.0	10.05	101	70	130
Chlorobenzene	10	0.0	10.57	106	70	130
Ethylbenzene	10	0.0	10.80	108	70	130
1,1,1,2-Tetrachloroethane	10	0.0	10.27	103	70	130
m&p-Xylene	20	0.0	22.10	111	70	130
o-Xylene	10	0.0	10.72	107	70	130
Styrene	10	0.0	11.28	113	70	130
Bromoform	10	0.0	10.50	105	70	130
Isopropylbenzene	10	0.0	10.85	108	70	130
Bromobenzene	10	0.0	10.87	109	70	130
n-Propylbenzene	10	0.0	10.98	110	70	130
1,1,2,2-Tetrachloroethane	10	0.0	10.80	108	70	130
2-Chlorotoluene	10	0.0	10.64	106	70	130
1,3,5-Trimethylbenzene	10	0.0	10.70	107	70	130
1,2,3-Trichloropropane	10	0.0	10.31	103	70	130
trans-1,4-Dichloro-2-butene	50	0.0	49.46	99	70	130
4-Chlorotoluene	10	0.0	10.85	108	70	130
tert-Butylbenzene	10	0.0	10.73	107	70	130
COMPOUND	SPIKE ADDED ug/L	LCSD CONCENTRATION ug/L	LCSD % REC #	% RPD	QC LIMITS	
					RPD	REC.
1,2-Dibromoethane	10	12.00	120	5.1	30	70 130
2-Hexanone	10	10.88	109	7.6	30	70 130
Chlorobenzene	10	11.36	114	7.3	30	70 130
Ethylbenzene	10	11.82	118	8.8	30	70 130
1,1,1,2-Tetrachloroethane	10	11.38	114	10.1	30	70 130
m&p-Xylene	20	24.58	123	10.3	30	70 130
o-Xylene	10	11.80	118	9.8	30	70 130
Styrene	10	12.36	124	9.3	30	70 130
Bromoform	10	11.78	118	11.7	30	70 130
Isopropylbenzene	10	11.83	118	8.8	30	70 130
Bromobenzene	10	11.79	118	7.9	30	70 130
n-Propylbenzene	10	11.86	119	7.9	30	70 130
1,1,2,2-Tetrachloroethane	10	11.63	116	7.1	30	70 130
2-Chlorotoluene	10	11.98	120	12.4	30	70 130
1,3,5-Trimethylbenzene	10	11.68	117	8.9	30	70 130
1,2,3-Trichloropropane	10	11.13	111	7.5	30	70 130
trans-1,4-Dichloro-2-butene	50	56.92	114	14.1	30	70 130
4-Chlorotoluene	10	11.99	120	10.5	30	70 130
tert-Butylbenzene	10	11.86	119	10.6	30	70 130

FORM III VOA

3C
WATER VOLATILE LCS SPIKE / LCS SPIKE DUPLICATE RECOVERY

Lab Name: Phoenix Environmental Labs Client: HENNESSY

Lab Code: Phoenix Case No: _____ SAS No: _____ SDG No GCN06061

LCS Spike - Client Id: CN06061 LCS Level:(low/med) Med

COMPOUND	SPIKE ADDED ug/L	SAMPLE CONCENTRATION ug/L	LCS CONCENTRATION ug/L	LCS % REC #	QC. LIMITS REC.	
1,2,4-Trimethylbenzene	10	0.0	10.52	105	70	130
sec-Butylbenzene	10	0.0	10.54	105	70	130
p-Isopropyltoluene	10	0.0	10.70	107	70	130
1,3-Dichlorobenzene	10	0.0	10.41	104	70	130
1,4-Dichlorobenzene	10	0.0	10.17	102	70	130
2-Isopropyltoluene	10	0.0	10.47	105	70	130
n-Butylbenzene	10	0.0	10.42	104	70	130
1,2-Dichlorobenzene	10	0.0	10.57	106	70	130
1,2-Dibromo-3-Chloropropane	10	0.0	11.64	116	70	130
Hexachlorobutadiene	10	0.0	9.682	97	70	130
1,2,4-Trichlorobenzene	10	0.0	11.27	113	70	130
Naphthalene	10	0.0	13.13	131 *	70	130
1,2,3-Trichlorobenzene	10	0.0	12.40	124	70	130
COMPOUND	SPIKE ADDED ug/L	LCSD CONCENTRATION ug/L	LCSD % REC #	% RPD	QC LIMITS	
					RPD	REC.
1,2,4-Trimethylbenzene	10	11.56	116	10.0	30	70 130
sec-Butylbenzene	10	11.56	116	10.0	30	70 130
p-Isopropyltoluene	10	11.64	116	8.1	30	70 130
1,3-Dichlorobenzene	10	11.78	118	12.6	30	70 130
1,4-Dichlorobenzene	10	11.47	115	12.0	30	70 130
2-Isopropyltoluene	10	11.37	114	8.2	30	70 130
n-Butylbenzene	10	11.18	112	7.4	30	70 130
1,2-Dichlorobenzene	10	11.39	114	7.3	30	70 130
1,2-Dibromo-3-Chloropropane	10	12.55	126	8.3	30	70 130
Hexachlorobutadiene	10	10.36	104	7.0	30	70 130
1,2,4-Trichlorobenzene	10	12.00	120	6.0	30	70 130
Naphthalene	10	15.04	150 *	13.5	30	70 130
1,2,3-Trichlorobenzene	10	14.21	142 *	13.5	30	70 130

FORM III VOA

6B
VOLATILE ORGANICS INITIAL CALIBRATION DATA

Lab Name: Phoenix Environmental Labs Client: HENNESSY

Lab Code: Phoenix Case No.: _____ SAS No.: _____ SDG No.: GCN06061

Instrument ID: CHEM02 Calibration Date(s): 12/18/22 12/18/22

Heated Purge (Y/N): N Calibration Time(s): 12:09 14:36

GC Column: _____ Method File: VT-P121822.M

LAB FILE ID:

RRF 0.5	1218_02.D	RRF 2	1218_04.D	RRF 4	1218_05.D	RRF 10	1218_06.D
RRF 20	1218_07.D	RRF 30	1218_08.D				

COMPOUND		RRF 0.5	RRF 2	RRF 4	RRF 10	RRF 20	RRF 30			RRF	% RSD	% RSD LIMITS
Dichlorodifluoromethane		0.481	0.525	0.499	0.562	0.577	0.561			0.534	7.2	20 (40)
Chloromethane		0.391	0.384	0.375	0.393	0.399	0.386			0.388	2.1	20 (40)
Vinyl Chloride		0.439	0.457	0.455	0.495	0.469	0.453			0.461	4.1	20 (30)
Bromomethane		0.073	0.088	0.109	0.146	0.187	0.199			0.134	39.1 +	20 (40)
Chloroethane		0.242	0.244	0.240	0.257	0.254	0.240			0.246	3.1	20 (40)
Trichlorofluoromethane		0.672	0.746	0.720	0.800	0.822	0.795			0.759	7.5	20 (40)
1,1-Dichloroethene		0.321	0.333	0.319	0.338	0.362	0.364			0.339	5.8	20 (30)
Trichlorotrifluoroethane		0.236	0.254	0.245	0.263	0.280	0.277			0.259	6.8	20 (40)
Carbon Disulfide		1.029	1.024	1.008	1.069	1.141	1.153			1.071	5.9	20 (40)
Methylene Chloride		0.370	0.328	0.318	0.316	0.330	0.349			0.335	6.1	20 (40)
Acetone	*		0.026	0.033	0.025	0.029	0.029			0.029	11.5	20 (40)
Trans-1,2-Dichloroethene		0.344	0.364	0.362	0.366	0.376	0.402			0.369	5.2	20 (40)
Methyl t-Butyl Ether (MTBE)		0.522	0.632	0.615	0.635	0.662	0.705			0.629	9.7	20 (40)
1,1-Dichloroethane		0.686	0.727	0.714	0.734	0.736	0.772			0.728	3.9	20 (40)
Acrylonitrile	*	0.017	0.031	0.030	0.030	0.030	0.033			0.029	19.7	20 (40)
Cis-1,2-Dichloroethene		0.378	0.382	0.359	0.376	0.372	0.391			0.376	2.8	20 (40)
2,2-Dichloropropane		0.806	0.816	0.784	0.809	0.798	0.800			0.802	1.4	20 (40)
Bromochloromethane		0.087	0.110	0.109	0.111	0.109	0.111			0.106	8.8	20 (40)
Chloroform		0.724	0.747	0.728	0.745	0.732	0.743			0.736	1.3	20 (30)
Carbon Tetrachloride		0.567	0.600	0.675	0.729	0.726	0.740			0.673	10.9	20 (40)
Tetrahydrofuran (THF)	*	0.027	0.025	0.022	0.022	0.022	0.022			0.023	9.7	20 (40)
1,1,1-Trichloroethane		0.703	0.792	0.773	0.804	0.791	0.799			0.777	4.9	20 (40)
Methyl Ethyl Ketone	*		0.037	0.038	0.035	0.036	0.036			0.036	3.3	20 (40)
1,1-Dichloropropene		0.349	0.357	0.350	0.376	0.380	0.391			0.367	4.8	20 (40)
Benzene		0.925	0.932	0.921	0.974	0.983	1.021			0.959	4.2	20 (40)
1,2-Dichloroethane		0.213	0.227	0.232	0.250	0.249	0.249			0.237	6.4	20 (40)
Trichloroethene		0.221	0.237	0.233	0.236	0.227	0.228			0.230	2.7	20 (40)
Dibromomethane		0.067	0.079	0.081	0.085	0.086	0.089			0.081	10.0	20 (40)
1,2-dichloropropane		0.210	0.215	0.215	0.225	0.224	0.227			0.219	3.2	20 (30)
Bromodichloromethane		0.240	0.278	0.281	0.300	0.303	0.311			0.286	9.0	20 (40)
cis-1,3-Dichloropropene		0.296	0.331	0.331	0.358	0.365	0.378			0.343	8.6	20 (40)
Toluene		0.610	0.632	0.620	0.655	0.655	0.670			0.640	3.6	20 (30)
4-Methyl-2-Pentanone	*	0.044	0.052	0.054	0.059	0.058	0.061			0.054	11.2	20 (40)
Tetrachloroethene		0.197	0.201	0.201	0.216	0.212	0.214			0.207	3.8	20 (40)
trans-1,3-Dichloropropene		0.205	0.240	0.249	0.276	0.282	0.293			0.258	12.7	20 (40)
1,1,2-Trichloroethane		0.094	0.111	0.113	0.120	0.122	0.126			0.114	9.8	20 (40)
Dibromochloromethane		0.107	0.129	0.140	0.156	0.166	0.171			0.145	16.8	20 (40)
1,3-Dichloropropane		0.214	0.236	0.254	0.266	0.264	0.268			0.250	8.6	20 (40)
1,2-Dibromoethane		0.091	0.107	0.116	0.121	0.124	0.128			0.114	12.0	20 (40)
2-Hexanone	*		0.037	0.039	0.043	0.045	0.047			0.042	9.8	20 (40)
Chlorobenzene		0.601	0.637	0.675	0.687	0.678	0.678			0.659	5.0	20 (40)
Ethylbenzene		0.396	0.407	0.425	0.433	0.424	0.420			0.418	3.2	20 (30)
1,1,1,2-Tetrachloroethane		0.176	0.186	0.210	0.222	0.222	0.227			0.207	10.3	20 (40)
m&p-Xylene		0.497	0.496	0.522	0.537	0.524	0.514			0.515	3.1	20 (40)
o-Xylene		0.466	0.484	0.512	0.534	0.533	0.532			0.510	5.7	20 (40)
Styrene		0.588	0.670	0.730	0.767	0.776	0.772			0.717	10.5	20 (40)
Bromoform	*	0.042	0.054	0.061	0.071	0.078	0.081			0.064	23.2 +	20 (40)
Isopropylbenzene		0.659	0.696	0.703	0.717	0.699	0.716			0.698	3.1	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

VOLATILE ORGANICS INITIAL CALIBRATION DATA

Lab Name: Phoenix Environmental Labs Client: HENNESSY

Lab Code: Phoenix Case No.: SAS No.: SDG No.: GCN06061

Instrument ID: CHEM02 Calibration Date(s): 12/18/22 12/18/22

Heated Purge (Y/N):	N	Calibration Time(s):	12:09	14:36

GC Column: Method File: VT-P121822.M

LAB FILE ID:

RRF 0.5	1218_02.D	RRF 2	1218_04.D	RRF 4	1218_05.D	RRF 10	1218_06.D
RRF 20	1218_07.D	RRF 30	1218_08.D				

[illegible]

(*) 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

6B
VOLATILE ORGANICS INITIAL CALIBRATION DATA

Lab Name: Phoenix Environmental Labs Client: HENNESSY

Lab Code: Phoenix Case No.: _____ SAS No.: _____ SDG No.: GCN06061

Instrument ID: CHEM15 Calibration Date(s): 12/12/22 12/12/22

Heated Purge (Y/N): N Calibration Time(s): 08:53 11:24

GC Column: _____ Method File: VOA15-121222.M

LAB FILE ID:

RRF 0.5	1212_03.D	RRF 2	1212_05.D	RRF 4	1212_06.D	RRF 10	1212_07.D
RRF 20	1212_08.D	RRF 30	1212_09.D				

COMPOUND	RRF 0.5	RRF 2	RRF 4	RRF 10	RRF 20	RRF 30			RRF	% RSD	% RSD LIMITS
Dichlorodifluoromethane	0.757	0.640	0.784	0.864	0.798	0.862			0.784	10.5	20 (40)
Chloromethane	1.046	0.881	1.032	1.111	1.052	1.129			1.042	8.4	20 (40)
Vinyl Chloride	0.642	0.623	0.711	0.789	0.752	0.817			0.722	10.9	20 (30)
Bromomethane	0.178	0.144	0.176	0.218	0.214	0.253			0.197	19.6	20 (40)
Chloroethane	0.346	0.321	0.392	0.422	0.389	0.407			0.379	10.1	20 (40)
Trichlorofluoromethane	0.828	0.832	1.002	1.072	0.993	1.068			0.966	11.4	20 (40)
1,1-Dichloroethene	0.414	0.387	0.450	0.486	0.455	0.488			0.447	8.9	20 (30)
Trichlorotrifluoroethane	0.320	0.325	0.388	0.424	0.384	0.413			0.376	11.6	20 (40)
Carbon Disulfide	1.291	1.169	1.413	1.587	1.553	1.691			1.451	13.6	20 (40)
Methylene Chloride	0.623	0.506	0.548	0.579	0.535	0.569			0.560	7.2	20 (40)
Acetone		0.166	0.160	0.156	0.155	0.162			0.160	2.8	20 (40)
Trans-1,2-Dichloroethene	0.485	0.424	0.502	0.554	0.512	0.552			0.505	9.5	20 (40)
Methyl t-Butyl Ether (MTBE)	0.797	0.863	1.055	1.210	1.185	1.327			1.073	19.4	20 (40)
1,1-Dichloroethane	1.053	1.050	1.182	1.278	1.205	1.290			1.176	8.9	20 (40)
Acrylonitrile	0.183	0.168	0.186	0.198	0.191	0.207			0.189	7.1	20 (40)
Cis-1,2-Dichloroethene	0.482	0.460	0.545	0.601	0.572	0.606			0.544	11.2	20 (40)
2,2-Dichloropropane	0.647	0.567	0.703	0.783	0.761	0.838			0.716	13.7	20 (40)
Bromochloromethane	0.233	0.215	0.260	0.274	0.258	0.280			0.253	9.8	20 (40)
Chloroform	0.944	0.974	1.132	1.173	1.112	1.199			1.089	9.7	20 (30)
Carbon Tetrachloride	0.644	0.532	0.688	0.773	0.761	0.838			0.706	15.4	20 (40)
Tetrahydrofuran (THF)	0.134	0.122	0.133	0.141	0.140	0.150			0.137	7.0	20 (40)
1,1,1-Trichloroethane	0.775	0.745	0.900	0.986	0.958	1.039			0.900	13.1	20 (40)
Methyl Ethyl Ketone		0.190	0.212	0.219	0.231	0.237			0.218	8.4	20 (40)
1,1-Dichloropropene	0.382	0.422	0.464	0.522	0.506	0.558			0.476	13.8	20 (40)
Benzene	1.249	1.127	1.279	1.435	1.368	1.503			1.327	10.3	20 (40)
1,2-Dichloroethane	0.503	0.503	0.547	0.607	0.566	0.605			0.555	8.4	20 (40)
Trichloroethene	0.289	0.288	0.325	0.356	0.349	0.376			0.331	11.0	20 (40)
Dibromomethane	0.203	0.173	0.195	0.203	0.196	0.213			0.197	6.8	20 (40)
1,2-dichloropropane	0.403	0.335	0.403	0.428	0.414	0.446			0.405	9.3	20 (30)
Bromodichloromethane	0.372	0.366	0.431	0.495	0.478	0.515			0.443	14.4	20 (40)
cis-1,3-Dichloropropene	0.403	0.423	0.504	0.586	0.585	0.665			0.528	19.4	20 (40)
Toluene	0.792	0.788	0.958	1.060	1.004	1.107			0.952	14.2	20 (30)
4-Methyl-2-Pentanone		0.255	0.282	0.322	0.317	0.348			0.305	12.0	20 (40)
Tetrachloroethene	0.255	0.267	0.334	0.369	0.342	0.372			0.323	15.6	20 (40)
trans-1,3-Dichloropropene	0.330	0.316	0.353	0.452	0.478	0.548			0.413	22.7 +	20 (40)
1,1,2-Trichloroethane	0.286	0.256	0.294	0.333	0.317	0.336			0.304	10.1	20 (40)
Dibromochloromethane	0.188	0.193	0.246	0.281	0.293	0.327			0.255	22.0 +	20 (40)
1,3-Dichloropropane	0.426	0.410	0.487	0.534	0.515	0.557			0.488	12.2	20 (40)
1,2-Dibromoethane	0.218	0.222	0.274	0.301	0.288	0.316			0.270	15.2	20 (40)
2-Hexanone		0.160	0.154	0.181	0.184	0.200			0.176	10.8	20 (40)
Chlorobenzene	0.867	0.867	1.026	1.088	1.048	1.122			1.003	11.0	20 (40)
Ethylbenzene	0.443	0.444	0.523	0.589	0.563	0.598			0.527	13.2	20 (30)
1,1,1,2-Tetrachloroethane	0.242	0.246	0.284	0.314	0.313	0.336			0.289	13.4	20 (40)
m&p-Xylene	0.476	0.513	0.631	0.726	0.705	0.749			0.633	18.2	20 (40)
o-Xylene	0.434	0.493	0.594	0.676	0.683	0.748			0.605	20.1 +	20 (40)
Styrene	0.681	0.761	0.986	1.150	1.122	1.250			0.992	23.0 +	20 (40)
Bromoform	0.098	0.109	0.126	0.147	0.157	0.184			0.137	23.4 +	20 (40)
Isopropylbenzene	0.605	0.605	0.753	0.870	0.867	0.915			0.769	17.9	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

VOLATILE ORGANICS INITIAL CALIBRATION DATA

Lab Name: Phoenix Environmental Labs Client: HENNESSY

Lab Code: Phoenix Case No.: SAS No.: SDG No.: GCN06061

Instrument ID: CHEM15 Calibration Date(s): 12/12/22 12/12/22

Heated Purge (Y/N):	N	Calibration Time(s):	08:53	11:24

GC Column: Method File: VOA15-121222.M

LAB FILE ID:

RRF 0.5	1212_03.D	RRF 2	1212_05.D	RRF 4	1212_06.D	RRF 10	1212_07.D
RRF 20	1212_08.D	RRF 30	1212_09.D				

[illegible]

(*) 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.: GCN06061

Instrument: CHEM02 Calibration Date: 12/19/22 Time: 14:50

Lab File Id: 1219_02.D Init. Calib. Date(s): 12/18/22 12/18/22

Heated Purge (Y/N): N Init. Calib. Times: 12:09 14:36

GC Column: RTX-VMS Method File: VT-P121822.M

COMPOUND	RRF	RRF10	RRF MIN	%D	% D LIMITS
Pentafluorobenzene (IS Area/Area%)	291076	305081	n.a.	104.8	50-200
1,4-Difluorobenzene (IS Area/Area%)	473287	507165	n.a.	107.2	50-200
Chlorobenzene-d5 (IS Area/Area%)	429448	453756	n.a.	105.7	50-200
1,4-Dichlorobenzene-d4 (IS Area/Area%)	223492	230858	n.a.	103.3	50-200
1,4-Dioxane d8 (IS Area/Area%)	25329	26604	n.a.	105.0	n.a.
Dichlorodifluoromethane	0.534	0.514	0.100	3.7	20 (60)
Chloromethane	0.388	0.380	0.100	2.1	20 (60)
Vinyl Chloride	0.461	0.443	0.100	3.9	20 (40)
Bromomethane	0.134	0.137	0.100	-2.2	20 (60)
Chloroethane	0.246	0.232	0.100	5.7	20 (40)
Trichlorofluoromethane	0.759	0.710	0.100	6.5	20 (40)
1,1-Dichloroethene	0.339	0.318	0.100	6.2	20 (40)
Trichlorotrifluoroethane	0.259	0.247	0.050	4.6	20 (40)
Carbon Disulfide	1.071	1.021	0.100	4.7	20 (40)
Methylene Chloride	0.335	0.317	0.100	5.4	20 (40)
Acetone	0.029	0.026	* 0.100	10.3	20 (60)
Trans-1,2-Dichloroethene	0.369	0.356	0.100	3.5	20 (40)
Methyl t-Butyl Ether (MTBE)	0.629	0.641	0.100	-1.9	20 (40)
1,1-Dichloroethane	0.728	0.711	0.200	2.3	20 (40)
Acrylonitrile	0.029	0.031	* 0.050	-6.9	20 (40)
Cis-1,2-Dichloroethene	0.376	0.368	0.100	2.1	20 (40)
2,2-Dichloropropane	0.802	0.782	0.050	2.5	20 (40)
Bromochloromethane	0.106	0.108	0.050	-1.9	20 (40)
Chloroform	0.736	0.702	0.200	4.6	20 (40)
Carbon Tetrachloride	0.673	0.639	0.100	5.1	20 (40)
Tetrahydrofuran (THF)	0.023	0.022	* 0.050	4.3	20 (40)
1,1,1-Trichloroethane	0.777	0.749	0.100	3.6	20 (40)
Methyl Ethyl Ketone	0.036	0.035	* 0.100	2.8	20 (60)
1,1-Dichloropropene	0.367	0.348	0.050	5.2	20 (40)
Benzene	0.959	0.926	0.500	3.4	20 (40)
1,2-Dichloroethane	0.237	0.231	0.100	2.5	20 (40)
Trichloroethene	0.230	0.225	0.200	2.2	20 (40)
Dibromomethane	0.081	0.081	0.050	0.0	20 (40)
1,2-dichloropropane	0.219	0.216	0.100	1.4	20 (40)
Bromodichloromethane	0.286	0.272	0.200	4.9	20 (40)

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

%D: 10% 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.: GCN06061

Instrument: CHEM02 Calibration Date: 12/19/22 Time: 14:50

Lab File Id: 1219_02.D Init. Calib. Date(s): 12/18/22 12/18/22

Heated Purge (Y/N): N Init. Calib. Times: 12:09 14:36

GC Column: RTX-VMS Method File: VT-P121822.M

COMPOUND	RRF	RRF10	RRF MIN	%D	% D LIMITS
cis-1,3-Dichloropropene	0.343	0.339	0.200	1.2	20 (40)
Toluene	0.640	0.620	0.400	3.1	20 (40)
4-Methyl-2-Pentanone	0.054	0.056	* 0.100	-3.7	20 (60)
Tetrachloroethene	0.207	0.198	* 0.200	4.3	20 (40)
trans-1,3-Dichloropropene	0.258	0.264	0.100	-2.3	20 (40)
1,1,2-Trichloroethane	0.114	0.114	0.100	0.0	20 (40)
Dibromochloromethane	0.145	0.137	0.100	5.5	20 (40)
1,3-Dichloropropane	0.250	0.256	0.050	-2.4	20 (40)
1,2-Dibromoethane	0.114	0.119	0.100	-4.4	20 (40)
2-Hexanone	0.042	0.042	* 0.100	0.0	20 (60)
Chlorobenzene	0.659	0.656	0.500	0.5	20 (40)
Ethylbenzene	0.418	0.409	0.100	2.2	20 (40)
1,1,1,2-Tetrachloroethane	0.207	0.203	0.050	1.9	20 (40)
m&p-Xylene	0.515	0.511	0.100	0.8	20 (40)
o-Xylene	0.510	0.511	0.300	-0.2	20 (40)
Styrene	0.717	0.728	0.300	-1.5	20 (40)
Bromoform	0.064	0.061	* 0.100	4.7	20 (40)
Isopropylbenzene	0.698	0.687	0.100	1.6	20 (40)
Bromobenzene	0.455	0.456	0.050	-0.2	20 (40)
n-Propylbenzene	0.714	0.687	0.050	3.8	20 (40)
1,1,2,2-Tetrachloroethane	0.251	0.249	* 0.300	0.8	20 (40)
2-Chlorotoluene	0.553	0.542	0.050	2.0	20 (40)
1,3,5-Trimethylbenzene	2.234	2.167	0.050	3.0	20 (40)
1,2,3-Trichloropropane	0.220	0.215	0.050	2.3	20 (40)
trans-1,4-Dichloro-2-butene	0.085	0.093	0.050	-9.4	20 (40)
4-Chlorotoluene	0.549	0.537	0.050	2.2	20 (40)
tert-Butylbenzene	1.871	1.806	0.050	3.5	20 (40)
1,2,4-Trimethylbenzene	2.194	2.162	0.050	1.5	20 (40)
sec-Butylbenzene	2.794	2.719	0.050	2.7	20 (40)
p-Isopropyltoluene	2.319	2.264	0.050	2.4	20 (40)
1,3-Dichlorobenzene	0.944	0.930	0.600	1.5	20 (40)
1,4-Dichlorobenzene	0.941	0.916	0.500	2.7	20 (40)
2-Isopropyltoluene	2.216	2.162	0.050	2.4	20 (40)
n-Butylbenzene	2.106	2.065	0.050	1.9	20 (40)
1,2-Dichlorobenzene	0.757	0.755	0.400	0.3	20 (40)

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

%D: 10% 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

Lab Name:	Phoenix Environmental Labs		Client:	HENNESSY	
Lab Code:	Phoenix	Case No.:		SAS No.:	SDG No.: GCN06061
Instrument:	CHEM02		Calibration Date:	12/19/22	Time: 14:50
Lab File Id:	1219_02.D		Init. Calib. Date(s):	12/18/22	12/18/22
Heated Purge (Y/N):	N		Init. Calib. Times:	12:09	14:36
GC Column:	RTX-VMS		Method File: VT-P121822.M		

[illegible]

(*) Recommended RRF not met (+) %D exceeds criteria (#) %D exceeds (maximum) criteria
 %D: 10% 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.: GCN06061

Instrument: CHEM15 Calibration Date: 12/15/22 Time: 20:30

Lab File Id: 1215_32.D Init. Calib. Date(s): 12/12/22 12/12/22

Heated Purge (Y/N): N Init. Calib. Times: 08:53 11:24

GC Column: RTX-VMS Method File: VOA15-121222.M

COMPOUND	RRF	RRF10	RRF MIN	%D	% D LIMITS
Pentafluorobenzene (IS Area/Area%)	414889	452536	n.a.	109.1	50-200
1,4-Difluorobenzene (IS Area/Area%)	680362	706748	n.a.	103.9	50-200
Chlorobenzene-d5 (IS Area/Area%)	760446	764446	n.a.	100.5	50-200
1,4-Dichlorobenzene-d4 (IS Area/Area%)	407164	406144	n.a.	99.7	50-200
1,4-Dioxane d8 (IS Area/Area%)	79283	80290	n.a.	101.3	n.a.
Dichlorodifluoromethane	0.784	0.645	0.100	17.7	20 (60)
Chloromethane	1.042	0.999	0.100	4.1	20 (60)
Vinyl Chloride	0.722	0.669	0.100	7.3	20 (40)
Bromomethane	0.197	0.155	0.100	21.3 +	20 (60)
Chloroethane	0.379	0.371	0.100	2.1	20 (40)
Trichlorofluoromethane	0.966	0.859	0.100	11.1	20 (40)
1,1-Dichloroethene	0.447	0.437	0.100	2.2	20 (40)
Trichlorotrifluoroethane	0.376	0.342	0.050	9.0	20 (40)
Carbon Disulfide	1.451	1.407	0.100	3.0	20 (40)
Methylene Chloride	0.560	0.536	0.100	4.3	20 (40)
Acetone	0.160	0.161	0.100	-0.6	20 (60)
Trans-1,2-Dichloroethene	0.505	0.507	0.100	-0.4	20 (40)
Methyl t-Butyl Ether (MTBE)	1.073	1.113	0.100	-3.7	20 (40)
1,1-Dichloroethane	1.176	1.164	0.200	1.0	20 (40)
Acrylonitrile	0.189	0.194	0.050	-2.6	20 (40)
Cis-1,2-Dichloroethene	0.544	0.555	0.100	-2.0	20 (40)
2,2-Dichloropropane	0.716	0.648	0.050	9.5	20 (40)
Bromochloromethane	0.253	0.264	0.050	-4.3	20 (40)
Chloroform	1.089	1.090	0.200	-0.1	20 (40)
Carbon Tetrachloride	0.706	0.648	0.100	8.2	20 (40)
Tetrahydrofuran (THF)	0.137	0.140	0.050	-2.2	20 (40)
1,1,1-Trichloroethane	0.900	0.890	0.100	1.1	20 (40)
Methyl Ethyl Ketone	0.218	0.217	0.100	0.5	20 (60)
1,1-Dichloropropene	0.476	0.484	0.050	-1.7	20 (40)
Benzene	1.327	1.423	0.500	-7.2	20 (40)
1,2-Dichloroethane	0.555	0.580	0.100	-4.5	20 (40)
Trichloroethene	0.331	0.364	0.200	-10.0	20 (40)
Dibromomethane	0.197	0.204	0.050	-3.6	20 (40)
1,2-dichloropropane	0.405	0.426	0.100	-5.2	20 (40)
Bromodichloromethane	0.443	0.462	0.200	-4.3	20 (40)

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

%D: 10% 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.: GCN06061

Instrument: CHEM15 Calibration Date: 12/15/22 Time: 20:30

Lab File Id: 1215_32.D Init. Calib. Date(s): 12/12/22 12/12/22

Heated Purge (Y/N): N Init. Calib. Times: 08:53 11:24

GC Column: RTX-VMS Method File: VOA15-121222.M

COMPOUND	RRF	RRF10	RRF MIN	%D	% D LIMITS
cis-1,3-Dichloropropene	0.528	0.552	0.200	-4.5	20 (40)
Toluene	0.952	1.018	0.400	-6.9	20 (40)
4-Methyl-2-Pentanone	0.305	0.320	0.100	-4.9	20 (60)
Tetrachloroethene	0.323	0.349	0.200	-8.0	20 (40)
trans-1,3-Dichloropropene	0.413	0.428	0.100	-3.6	20 (40)
1,1,2-Trichloroethane	0.304	0.334	0.100	-9.9	20 (40)
Dibromochloromethane	0.255	0.284	0.100	-11.4	20 (40)
1,3-Dichloropropane	0.488	0.538	0.050	-10.2	20 (40)
1,2-Dibromoethane	0.270	0.304	0.100	-12.6	20 (40)
2-Hexanone	0.176	0.184	0.100	-4.5	20 (60)
Chlorobenzene	1.003	1.102	0.500	-9.9	20 (40)
Ethylbenzene	0.527	0.578	0.100	-9.7	20 (40)
1,1,1,2-Tetrachloroethane	0.289	0.312	0.050	-8.0	20 (40)
m&p-Xylene	0.633	0.732	0.100	-15.6	20 (40)
o-Xylene	0.605	0.686	0.300	-13.4	20 (40)
Styrene	0.992	1.171	0.300	-18.0	20 (40)
Bromoform	0.137	0.146	0.100	-6.6	20 (40)
Isopropylbenzene	0.769	0.855	0.100	-11.2	20 (40)
Bromobenzene	0.685	0.793	0.050	-15.8	20 (40)
n-Propylbenzene	0.802	0.901	0.050	-12.3	20 (40)
1,1,2,2-Tetrachloroethane	0.599	0.693	0.300	-15.7	20 (40)
2-Chlorotoluene	0.679	0.774	0.050	-14.0	20 (40)
1,3,5-Trimethylbenzene	2.525	2.879	0.050	-14.0	20 (40)
1,2,3-Trichloropropane	0.520	0.596	0.050	-14.6	20 (40)
trans-1,4-Dichloro-2-butene	0.140	0.140	0.050	0.0	20 (40)
4-Chlorotoluene	0.711	0.824	0.050	-15.9	20 (40)
tert-Butylbenzene	2.030	2.245	0.050	-10.6	20 (40)
1,2,4-Trimethylbenzene	2.553	2.898	0.050	-13.5	20 (40)
sec-Butylbenzene	3.360	3.676	0.050	-9.4	20 (40)
p-Isopropyltoluene	2.555	2.853	0.050	-11.7	20 (40)
1,3-Dichlorobenzene	1.362	1.521	0.600	-11.7	20 (40)
1,4-Dichlorobenzene	1.381	1.538	0.500	-11.4	20 (40)
2-Isopropyltoluene	2.525	2.810	0.050	-11.3	20 (40)
n-Butylbenzene	2.446	2.587	0.050	-5.8	20 (40)
1,2-Dichlorobenzene	1.230	1.404	0.400	-14.1	20 (40)

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

%D: 10% 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

Lab Name:	Phoenix Environmental Labs		Client:	HENNESSY	
Lab Code:	Phoenix	Case No.:	SAS No.:	SDG No.:	GCN06061
Instrument:	CHEM15		Calibration Date:	12/15/22	Time: 20:30
Lab File Id:	1215_32.D		Init. Calib. Date(s):	12/12/22	12/12/22
Heated Purge (Y/N):	N		Init. Calib. Times:	08:53	11:24
GC Column:	RTX-VMS		Method File:	VOA15-121222.M	

[illegible]

(*) Recommended RRF not met (+) %D exceeds criteria (#) %D exceeds (maximum) criteria
 %D: 10% 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. GCN06061

S1= M-1

S2= DUP

<u>Analyte</u>	<u>S1</u>	<u>S2</u>	<u>RPD (%)</u>
cis-1,2-Dichloroethene	1900	1900	0%
Tetrachloroethene	3600	3500	3%
Trichloroethene	1400	1400	0%
Vinyl chloride	250	220	13%

* RPD is above the allowable maximum 20%.

Results are in units of ug/L.

Bold numbers were values that 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.

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.



Wednesday, December 21, 2022

Hennessy Engineering
P O Box 118
Voorheesville, NY 12186

Project ID: FORMER DELMAR
SDG ID: GCN06061
Sample ID#s: CN06061 - CN06070

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.

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.

Sincerely yours,

A handwritten signature in black ink, appearing to read "Phyllis Shiller".

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



Sample Id Cross Reference

December 21, 2022

SDG I.D.: GCN06061

Project ID: FORMER DELMAR

Client Id	Lab Id	Matrix
M-4	CN06061	GROUND WATER
M-2DR	CN06062	GROUND WATER
M-2R	CN06063	GROUND WATER
M-1	CN06064	GROUND WATER
M-5	CN06065	GROUND WATER
M-3	CN06066	GROUND WATER
M-6	CN06067	GROUND WATER
DUP	CN06068	GROUND WATER
FIELD BLANK	CN06069	GROUND WATER
TRIP BLANK	CN06070	GROUND WATER



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



Analysis Report

December 21, 2022

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:
Received by: CP
Analyzed by: see "By" below

Date Time
12/15/22 13:00
12/15/22 17:14

Laboratory Data

SDG ID: GCN06061
Phoenix ID: CN06061

Project ID: FORMER DELMAR
Client ID: M-4

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference
Volatiles							
1,1,1,2-Tetrachloroethane	ND	1.0	ug/L	1	12/16/22	HM	SW8260C
1,1,1-Trichloroethane	ND	1.0	ug/L	1	12/16/22	HM	SW8260C
1,1,2,2-Tetrachloroethane	ND	0.50	ug/L	1	12/16/22	HM	SW8260C
1,1,2-Trichloroethane	ND	1.0	ug/L	1	12/16/22	HM	SW8260C
1,1-Dichloroethane	ND	1.0	ug/L	1	12/16/22	HM	SW8260C
1,1-Dichloroethene	ND	1.0	ug/L	1	12/16/22	HM	SW8260C
1,1-Dichloropropene	ND	1.0	ug/L	1	12/16/22	HM	SW8260C
1,2,3-Trichlorobenzene	ND	1.0	ug/L	1	12/16/22	HM	SW8260C
1,2,3-Trichloropropane	ND	1.0	ug/L	1	12/16/22	HM	SW8260C
1,2,4-Trichlorobenzene	ND	1.0	ug/L	1	12/16/22	HM	SW8260C
1,2,4-Trimethylbenzene	ND	1.0	ug/L	1	12/16/22	HM	SW8260C
1,2-Dibromo-3-chloropropane	ND	1.0	ug/L	1	12/16/22	HM	SW8260C
1,2-Dibromoethane	ND	1.0	ug/L	1	12/16/22	HM	SW8260C
1,2-Dichlorobenzene	ND	1.0	ug/L	1	12/16/22	HM	SW8260C
1,2-Dichloroethane	ND	0.60	ug/L	1	12/16/22	HM	SW8260C
1,2-Dichloropropane	ND	1.0	ug/L	1	12/16/22	HM	SW8260C
1,3,5-Trimethylbenzene	ND	1.0	ug/L	1	12/16/22	HM	SW8260C
1,3-Dichlorobenzene	ND	1.0	ug/L	1	12/16/22	HM	SW8260C
1,3-Dichloropropane	ND	1.0	ug/L	1	12/16/22	HM	SW8260C
1,4-Dichlorobenzene	ND	1.0	ug/L	1	12/16/22	HM	SW8260C
2,2-Dichloropropane	ND	1.0	ug/L	1	12/16/22	HM	SW8260C
2-Chlorotoluene	ND	1.0	ug/L	1	12/16/22	HM	SW8260C
2-Hexanone	ND	5.0	ug/L	1	12/16/22	HM	SW8260C
2-Isopropyltoluene	ND	1.0	ug/L	1	12/16/22	HM	SW8260C
4-Chlorotoluene	ND	1.0	ug/L	1	12/16/22	HM	SW8260C
4-Methyl-2-pentanone	ND	5.0	ug/L	1	12/16/22	HM	SW8260C

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference
Acetone	ND	25	ug/L	1	12/16/22	HM	SW8260C
Acrylonitrile	ND	1.0	ug/L	1	12/16/22	HM	SW8260C
Benzene	ND	0.70	ug/L	1	12/16/22	HM	SW8260C
Bromobenzene	ND	1.0	ug/L	1	12/16/22	HM	SW8260C
Bromochloromethane	ND	1.0	ug/L	1	12/16/22	HM	SW8260C
Bromodichloromethane	ND	0.50	ug/L	1	12/16/22	HM	SW8260C
Bromoform	ND	1.0	ug/L	1	12/16/22	HM	SW8260C
Bromomethane	ND	1.0	ug/L	1	12/16/22	HM	SW8260C
Carbon Disulfide	ND	5.0	ug/L	1	12/16/22	HM	SW8260C
Carbon tetrachloride	ND	1.0	ug/L	1	12/16/22	HM	SW8260C
Chlorobenzene	ND	1.0	ug/L	1	12/16/22	HM	SW8260C
Chloroethane	ND	1.0	ug/L	1	12/16/22	HM	SW8260C
Chloroform	ND	1.0	ug/L	1	12/16/22	HM	SW8260C
Chloromethane	ND	1.0	ug/L	1	12/16/22	HM	SW8260C
cis-1,2-Dichloroethene	ND	1.0	ug/L	1	12/16/22	HM	SW8260C
cis-1,3-Dichloropropene	ND	0.40	ug/L	1	12/16/22	HM	SW8260C
Dibromochloromethane	ND	0.50	ug/L	1	12/16/22	HM	SW8260C
Dibromomethane	ND	1.0	ug/L	1	12/16/22	HM	SW8260C
Dichlorodifluoromethane	ND	1.0	ug/L	1	12/16/22	HM	SW8260C
Ethylbenzene	ND	1.0	ug/L	1	12/16/22	HM	SW8260C
Hexachlorobutadiene	ND	0.40	ug/L	1	12/16/22	HM	SW8260C
Isopropylbenzene	ND	1.0	ug/L	1	12/16/22	HM	SW8260C
m&p-Xylene	ND	1.0	ug/L	1	12/16/22	HM	SW8260C
Methyl ethyl ketone	ND	5.0	ug/L	1	12/16/22	HM	SW8260C
Methyl t-butyl ether (MTBE)	ND	1.0	ug/L	1	12/16/22	HM	SW8260C
Methylene chloride	ND	1.0	ug/L	1	12/16/22	HM	SW8260C
Naphthalene	ND	1.0	ug/L	1	12/16/22	HM	SW8260C
n-Butylbenzene	ND	1.0	ug/L	1	12/16/22	HM	SW8260C
n-Propylbenzene	ND	1.0	ug/L	1	12/16/22	HM	SW8260C
o-Xylene	ND	1.0	ug/L	1	12/16/22	HM	SW8260C
p-Isopropyltoluene	ND	1.0	ug/L	1	12/16/22	HM	SW8260C
sec-Butylbenzene	ND	1.0	ug/L	1	12/16/22	HM	SW8260C
Styrene	ND	1.0	ug/L	1	12/16/22	HM	SW8260C
tert-Butylbenzene	ND	1.0	ug/L	1	12/16/22	HM	SW8260C
Tetrachloroethene	ND	1.0	ug/L	1	12/16/22	HM	SW8260C
Tetrahydrofuran (THF)	ND	2.5	ug/L	1	12/16/22	HM	SW8260C
Toluene	ND	1.0	ug/L	1	12/16/22	HM	SW8260C
Total Xylenes	ND	1.0	ug/L	1	12/16/22	HM	SW8260C
trans-1,2-Dichloroethene	ND	1.0	ug/L	1	12/16/22	HM	SW8260C
trans-1,3-Dichloropropene	ND	0.40	ug/L	1	12/16/22	HM	SW8260C
trans-1,4-dichloro-2-butene	ND	5.0	ug/L	1	12/16/22	HM	SW8260C
Trichloroethene	ND	1.0	ug/L	1	12/16/22	HM	SW8260C
Trichlorofluoromethane	ND	1.0	ug/L	1	12/16/22	HM	SW8260C
Trichlorotrifluoroethane	ND	1.0	ug/L	1	12/16/22	HM	SW8260C
Vinyl chloride	ND	1.0	ug/L	1	12/16/22	HM	SW8260C
<u>QA/QC Surrogates</u>							
% 1,2-dichlorobenzene-d4	108		%	1	12/16/22	HM	70 - 130 %
% Bromofluorobenzene	87		%	1	12/16/22	HM	70 - 130 %
% Dibromofluoromethane	95		%	1	12/16/22	HM	70 - 130 %

1

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference
% Toluene-d8	95		%	1	12/16/22	HM	70 - 130 %

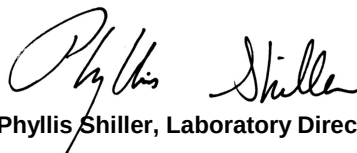
1 = This parameter is not certified by the primary accrediting authority (NY NELAC) for this matrix. NY NELAC does not offer certification for all parameters at this time.

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

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:

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Phyllis Shiller, Laboratory Director

December 21, 2022

Reviewed and Released by: Anil Makol, Project Manager



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



Analysis Report

December 21, 2022

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:
Received by: CP
Analyzed by: see "By" below

Date Time
12/15/22 13:05
12/15/22 17:14

Laboratory Data

SDG ID: GCN06061
Phoenix ID: CN06062

Project ID: FORMER DELMAR
Client ID: M-2DR

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference
Volatiles							
1,1,1,2-Tetrachloroethane	ND	1.0	ug/L	1	12/16/22	HM	SW8260C
1,1,1-Trichloroethane	ND	1.0	ug/L	1	12/16/22	HM	SW8260C
1,1,2,2-Tetrachloroethane	ND	0.50	ug/L	1	12/16/22	HM	SW8260C
1,1,2-Trichloroethane	ND	1.0	ug/L	1	12/16/22	HM	SW8260C
1,1-Dichloroethane	ND	1.0	ug/L	1	12/16/22	HM	SW8260C
1,1-Dichloroethene	ND	1.0	ug/L	1	12/16/22	HM	SW8260C
1,1-Dichloropropene	ND	1.0	ug/L	1	12/16/22	HM	SW8260C
1,2,3-Trichlorobenzene	ND	1.0	ug/L	1	12/16/22	HM	SW8260C
1,2,3-Trichloropropane	ND	1.0	ug/L	1	12/16/22	HM	SW8260C
1,2,4-Trichlorobenzene	ND	1.0	ug/L	1	12/16/22	HM	SW8260C
1,2,4-Trimethylbenzene	ND	1.0	ug/L	1	12/16/22	HM	SW8260C
1,2-Dibromo-3-chloropropane	ND	1.0	ug/L	1	12/16/22	HM	SW8260C
1,2-Dibromoethane	ND	1.0	ug/L	1	12/16/22	HM	SW8260C
1,2-Dichlorobenzene	ND	1.0	ug/L	1	12/16/22	HM	SW8260C
1,2-Dichloroethane	ND	0.60	ug/L	1	12/16/22	HM	SW8260C
1,2-Dichloropropane	ND	1.0	ug/L	1	12/16/22	HM	SW8260C
1,3,5-Trimethylbenzene	ND	1.0	ug/L	1	12/16/22	HM	SW8260C
1,3-Dichlorobenzene	ND	1.0	ug/L	1	12/16/22	HM	SW8260C
1,3-Dichloropropane	ND	1.0	ug/L	1	12/16/22	HM	SW8260C
1,4-Dichlorobenzene	ND	1.0	ug/L	1	12/16/22	HM	SW8260C
2,2-Dichloropropane	ND	1.0	ug/L	1	12/16/22	HM	SW8260C
2-Chlorotoluene	ND	1.0	ug/L	1	12/16/22	HM	SW8260C
2-Hexanone	ND	5.0	ug/L	1	12/16/22	HM	SW8260C
2-Isopropyltoluene	ND	1.0	ug/L	1	12/16/22	HM	SW8260C
4-Chlorotoluene	ND	1.0	ug/L	1	12/16/22	HM	SW8260C
4-Methyl-2-pentanone	ND	5.0	ug/L	1	12/16/22	HM	SW8260C

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference
Acetone	ND	25	ug/L	1	12/16/22	HM	SW8260C
Acrylonitrile	ND	1.0	ug/L	1	12/16/22	HM	SW8260C
Benzene	ND	0.70	ug/L	1	12/16/22	HM	SW8260C
Bromobenzene	ND	1.0	ug/L	1	12/16/22	HM	SW8260C
Bromochloromethane	ND	1.0	ug/L	1	12/16/22	HM	SW8260C
Bromodichloromethane	ND	0.50	ug/L	1	12/16/22	HM	SW8260C
Bromoform	ND	1.0	ug/L	1	12/16/22	HM	SW8260C
Bromomethane	ND	1.0	ug/L	1	12/16/22	HM	SW8260C
Carbon Disulfide	ND	5.0	ug/L	1	12/16/22	HM	SW8260C
Carbon tetrachloride	ND	1.0	ug/L	1	12/16/22	HM	SW8260C
Chlorobenzene	ND	1.0	ug/L	1	12/16/22	HM	SW8260C
Chloroethane	ND	1.0	ug/L	1	12/16/22	HM	SW8260C
Chloroform	ND	1.0	ug/L	1	12/16/22	HM	SW8260C
Chloromethane	ND	1.0	ug/L	1	12/16/22	HM	SW8260C
cis-1,2-Dichloroethene	ND	1.0	ug/L	1	12/16/22	HM	SW8260C
cis-1,3-Dichloropropene	ND	0.40	ug/L	1	12/16/22	HM	SW8260C
Dibromochloromethane	ND	0.50	ug/L	1	12/16/22	HM	SW8260C
Dibromomethane	ND	1.0	ug/L	1	12/16/22	HM	SW8260C
Dichlorodifluoromethane	ND	1.0	ug/L	1	12/16/22	HM	SW8260C
Ethylbenzene	ND	1.0	ug/L	1	12/16/22	HM	SW8260C
Hexachlorobutadiene	ND	0.40	ug/L	1	12/16/22	HM	SW8260C
Isopropylbenzene	ND	1.0	ug/L	1	12/16/22	HM	SW8260C
m&p-Xylene	ND	1.0	ug/L	1	12/16/22	HM	SW8260C
Methyl ethyl ketone	ND	5.0	ug/L	1	12/16/22	HM	SW8260C
Methyl t-butyl ether (MTBE)	ND	1.0	ug/L	1	12/16/22	HM	SW8260C
Methylene chloride	ND	1.0	ug/L	1	12/16/22	HM	SW8260C
Naphthalene	ND	1.0	ug/L	1	12/16/22	HM	SW8260C
n-Butylbenzene	ND	1.0	ug/L	1	12/16/22	HM	SW8260C
n-Propylbenzene	ND	1.0	ug/L	1	12/16/22	HM	SW8260C
o-Xylene	ND	1.0	ug/L	1	12/16/22	HM	SW8260C
p-Isopropyltoluene	ND	1.0	ug/L	1	12/16/22	HM	SW8260C
sec-Butylbenzene	ND	1.0	ug/L	1	12/16/22	HM	SW8260C
Styrene	ND	1.0	ug/L	1	12/16/22	HM	SW8260C
tert-Butylbenzene	ND	1.0	ug/L	1	12/16/22	HM	SW8260C
Tetrachloroethene	ND	1.0	ug/L	1	12/16/22	HM	SW8260C
Tetrahydrofuran (THF)	ND	2.5	ug/L	1	12/16/22	HM	SW8260C
Toluene	ND	1.0	ug/L	1	12/16/22	HM	SW8260C
Total Xylenes	ND	1.0	ug/L	1	12/16/22	HM	SW8260C
trans-1,2-Dichloroethene	ND	1.0	ug/L	1	12/16/22	HM	SW8260C
trans-1,3-Dichloropropene	ND	0.40	ug/L	1	12/16/22	HM	SW8260C
trans-1,4-dichloro-2-butene	ND	5.0	ug/L	1	12/16/22	HM	SW8260C
Trichloroethene	ND	1.0	ug/L	1	12/16/22	HM	SW8260C
Trichlorofluoromethane	ND	1.0	ug/L	1	12/16/22	HM	SW8260C
Trichlorotrifluoroethane	ND	1.0	ug/L	1	12/16/22	HM	SW8260C
Vinyl chloride	ND	1.0	ug/L	1	12/16/22	HM	SW8260C
<u>QA/QC Surrogates</u>							
% 1,2-dichlorobenzene-d4	106		%	1	12/16/22	HM	70 - 130 %
% Bromofluorobenzene	91		%	1	12/16/22	HM	70 - 130 %
% Dibromofluoromethane	95		%	1	12/16/22	HM	70 - 130 %

1

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference
% Toluene-d8	95		%	1	12/16/22	HM	70 - 130 %

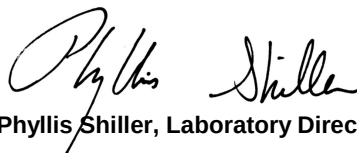
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RL/PQL=Reporting/Practical Quantitation Level (Equivalent to NELAC LOQ, Limit of Quantitation) ND=Not Detected at RL/PQL
BRL=Below Reporting Level L=Biased Low

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:

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Phyllis Shiller, Laboratory Director

December 21, 2022

Reviewed and Released by: Anil Makol, Project Manager



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



Analysis Report

December 21, 2022

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:
Received by: CP
Analyzed by: see "By" below

Date	Time
12/15/22	13:10
12/15/22	17:14

Laboratory Data

SDG ID: GCN06061
Phoenix ID: CN06063

Project ID: FORMER DELMAR
Client ID: M-2R

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference
Volatiles							
1,1,1,2-Tetrachloroethane	ND	1.0	ug/L	1	12/16/22	HM	SW8260C
1,1,1-Trichloroethane	ND	1.0	ug/L	1	12/16/22	HM	SW8260C
1,1,2,2-Tetrachloroethane	ND	0.50	ug/L	1	12/16/22	HM	SW8260C
1,1,2-Trichloroethane	ND	1.0	ug/L	1	12/16/22	HM	SW8260C
1,1-Dichloroethane	ND	1.0	ug/L	1	12/16/22	HM	SW8260C
1,1-Dichloroethene	ND	1.0	ug/L	1	12/16/22	HM	SW8260C
1,1-Dichloropropene	ND	1.0	ug/L	1	12/16/22	HM	SW8260C
1,2,3-Trichlorobenzene	ND	1.0	ug/L	1	12/16/22	HM	SW8260C
1,2,3-Trichloropropane	ND	1.0	ug/L	1	12/16/22	HM	SW8260C
1,2,4-Trichlorobenzene	ND	1.0	ug/L	1	12/16/22	HM	SW8260C
1,2,4-Trimethylbenzene	ND	1.0	ug/L	1	12/16/22	HM	SW8260C
1,2-Dibromo-3-chloropropane	ND	1.0	ug/L	1	12/16/22	HM	SW8260C
1,2-Dibromoethane	ND	1.0	ug/L	1	12/16/22	HM	SW8260C
1,2-Dichlorobenzene	ND	1.0	ug/L	1	12/16/22	HM	SW8260C
1,2-Dichloroethane	ND	0.60	ug/L	1	12/16/22	HM	SW8260C
1,2-Dichloropropane	ND	1.0	ug/L	1	12/16/22	HM	SW8260C
1,3,5-Trimethylbenzene	ND	1.0	ug/L	1	12/16/22	HM	SW8260C
1,3-Dichlorobenzene	ND	1.0	ug/L	1	12/16/22	HM	SW8260C
1,3-Dichloropropane	ND	1.0	ug/L	1	12/16/22	HM	SW8260C
1,4-Dichlorobenzene	ND	1.0	ug/L	1	12/16/22	HM	SW8260C
2,2-Dichloropropane	ND	1.0	ug/L	1	12/16/22	HM	SW8260C
2-Chlorotoluene	ND	1.0	ug/L	1	12/16/22	HM	SW8260C
2-Hexanone	ND	5.0	ug/L	1	12/16/22	HM	SW8260C
2-Isopropyltoluene	ND	1.0	ug/L	1	12/16/22	HM	SW8260C
4-Chlorotoluene	ND	1.0	ug/L	1	12/16/22	HM	SW8260C
4-Methyl-2-pentanone	ND	5.0	ug/L	1	12/16/22	HM	SW8260C

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference
Acetone	ND	25	ug/L	1	12/16/22	HM	SW8260C
Acrylonitrile	ND	1.0	ug/L	1	12/16/22	HM	SW8260C
Benzene	ND	0.70	ug/L	1	12/16/22	HM	SW8260C
Bromobenzene	ND	1.0	ug/L	1	12/16/22	HM	SW8260C
Bromochloromethane	ND	1.0	ug/L	1	12/16/22	HM	SW8260C
Bromodichloromethane	ND	0.50	ug/L	1	12/16/22	HM	SW8260C
Bromoform	ND	1.0	ug/L	1	12/16/22	HM	SW8260C
Bromomethane	ND	1.0	ug/L	1	12/16/22	HM	SW8260C
Carbon Disulfide	ND	5.0	ug/L	1	12/16/22	HM	SW8260C
Carbon tetrachloride	ND	1.0	ug/L	1	12/16/22	HM	SW8260C
Chlorobenzene	ND	1.0	ug/L	1	12/16/22	HM	SW8260C
Chloroethane	ND	1.0	ug/L	1	12/16/22	HM	SW8260C
Chloroform	ND	1.0	ug/L	1	12/16/22	HM	SW8260C
Chloromethane	ND	1.0	ug/L	1	12/16/22	HM	SW8260C
cis-1,2-Dichloroethene	ND	1.0	ug/L	1	12/16/22	HM	SW8260C
cis-1,3-Dichloropropene	ND	0.40	ug/L	1	12/16/22	HM	SW8260C
Dibromochloromethane	ND	0.50	ug/L	1	12/16/22	HM	SW8260C
Dibromomethane	ND	1.0	ug/L	1	12/16/22	HM	SW8260C
Dichlorodifluoromethane	ND	1.0	ug/L	1	12/16/22	HM	SW8260C
Ethylbenzene	ND	1.0	ug/L	1	12/16/22	HM	SW8260C
Hexachlorobutadiene	ND	0.40	ug/L	1	12/16/22	HM	SW8260C
Isopropylbenzene	ND	1.0	ug/L	1	12/16/22	HM	SW8260C
m&p-Xylene	ND	1.0	ug/L	1	12/16/22	HM	SW8260C
Methyl ethyl ketone	ND	5.0	ug/L	1	12/16/22	HM	SW8260C
Methyl t-butyl ether (MTBE)	ND	1.0	ug/L	1	12/16/22	HM	SW8260C
Methylene chloride	ND	1.0	ug/L	1	12/16/22	HM	SW8260C
Naphthalene	ND	1.0	ug/L	1	12/16/22	HM	SW8260C
n-Butylbenzene	ND	1.0	ug/L	1	12/16/22	HM	SW8260C
n-Propylbenzene	ND	1.0	ug/L	1	12/16/22	HM	SW8260C
o-Xylene	ND	1.0	ug/L	1	12/16/22	HM	SW8260C
p-Isopropyltoluene	ND	1.0	ug/L	1	12/16/22	HM	SW8260C
sec-Butylbenzene	ND	1.0	ug/L	1	12/16/22	HM	SW8260C
Styrene	ND	1.0	ug/L	1	12/16/22	HM	SW8260C
tert-Butylbenzene	ND	1.0	ug/L	1	12/16/22	HM	SW8260C
Tetrachloroethene	ND	1.0	ug/L	1	12/16/22	HM	SW8260C
Tetrahydrofuran (THF)	ND	2.5	ug/L	1	12/16/22	HM	SW8260C
Toluene	ND	1.0	ug/L	1	12/16/22	HM	SW8260C
Total Xylenes	ND	1.0	ug/L	1	12/16/22	HM	SW8260C
trans-1,2-Dichloroethene	ND	1.0	ug/L	1	12/16/22	HM	SW8260C
trans-1,3-Dichloropropene	ND	0.40	ug/L	1	12/16/22	HM	SW8260C
trans-1,4-dichloro-2-butene	ND	5.0	ug/L	1	12/16/22	HM	SW8260C
Trichloroethene	ND	1.0	ug/L	1	12/16/22	HM	SW8260C
Trichlorofluoromethane	ND	1.0	ug/L	1	12/16/22	HM	SW8260C
Trichlorotrifluoroethane	ND	1.0	ug/L	1	12/16/22	HM	SW8260C
Vinyl chloride	ND	1.0	ug/L	1	12/16/22	HM	SW8260C
<u>QA/QC Surrogates</u>							
% 1,2-dichlorobenzene-d4	108		%	1	12/16/22	HM	70 - 130 %
% Bromofluorobenzene	89		%	1	12/16/22	HM	70 - 130 %
% Dibromofluoromethane	96		%	1	12/16/22	HM	70 - 130 %

1

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference
% Toluene-d8	94		%	1	12/16/22	HM	70 - 130 %

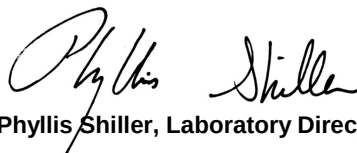
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RL/PQL=Reporting/Practical Quantitation Level (Equivalent to NELAC LOQ, Limit of Quantitation) ND=Not Detected at RL/PQL
BRL=Below Reporting Level L=Biased Low

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:

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Phyllis Shiller, Laboratory Director

December 21, 2022

Reviewed and Released by: Anil Makol, Project Manager



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



Analysis Report

December 21, 2022

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:
Received by: CP
Analyzed by: see "By" below

Date	Time
12/15/22	13:15
12/15/22	17:14

Laboratory Data

SDG ID: GCN06061
Phoenix ID: CN06064

Project ID: FORMER DELMAR
Client ID: M-1

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference
Volatiles							
1,1,1,2-Tetrachloroethane	ND	20	ug/L	20	12/16/22	MH	SW8260C
1,1,1-Trichloroethane	ND	20	ug/L	20	12/16/22	MH	SW8260C
1,1,2,2-Tetrachloroethane	ND	10	ug/L	20	12/16/22	MH	SW8260C
1,1,2-Trichloroethane	ND	20	ug/L	20	12/16/22	MH	SW8260C
1,1-Dichloroethane	ND	20	ug/L	20	12/16/22	MH	SW8260C
1,1-Dichloroethene	ND	20	ug/L	20	12/16/22	MH	SW8260C
1,1-Dichloropropene	ND	20	ug/L	20	12/16/22	MH	SW8260C
1,2,3-Trichlorobenzene	ND	20	ug/L	20	12/16/22	MH	SW8260C
1,2,3-Trichloropropane	ND	20	ug/L	20	12/16/22	MH	SW8260C
1,2,4-Trichlorobenzene	ND	20	ug/L	20	12/16/22	MH	SW8260C
1,2,4-Trimethylbenzene	ND	20	ug/L	20	12/16/22	MH	SW8260C
1,2-Dibromo-3-chloropropane	ND	20	ug/L	20	12/16/22	MH	SW8260C
1,2-Dibromoethane	ND	20	ug/L	20	12/16/22	MH	SW8260C
1,2-Dichlorobenzene	ND	20	ug/L	20	12/16/22	MH	SW8260C
1,2-Dichloroethane	ND	12	ug/L	20	12/16/22	MH	SW8260C
1,2-Dichloropropane	ND	20	ug/L	20	12/16/22	MH	SW8260C
1,3,5-Trimethylbenzene	ND	20	ug/L	20	12/16/22	MH	SW8260C
1,3-Dichlorobenzene	ND	20	ug/L	20	12/16/22	MH	SW8260C
1,3-Dichloropropane	ND	20	ug/L	20	12/16/22	MH	SW8260C
1,4-Dichlorobenzene	ND	20	ug/L	20	12/16/22	MH	SW8260C
2,2-Dichloropropane	ND	20	ug/L	20	12/16/22	MH	SW8260C
2-Chlorotoluene	ND	20	ug/L	20	12/16/22	MH	SW8260C
2-Hexanone	ND	100	ug/L	20	12/16/22	MH	SW8260C
2-Isopropyltoluene	ND	20	ug/L	20	12/16/22	MH	SW8260C
4-Chlorotoluene	ND	20	ug/L	20	12/16/22	MH	SW8260C
4-Methyl-2-pentanone	ND	100	ug/L	20	12/16/22	MH	SW8260C

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference
Acetone	ND	500	ug/L	20	12/16/22	MH	SW8260C
Acrylonitrile	ND	20	ug/L	20	12/16/22	MH	SW8260C
Benzene	ND	14	ug/L	20	12/16/22	MH	SW8260C
Bromobenzene	ND	20	ug/L	20	12/16/22	MH	SW8260C
Bromochloromethane	ND	20	ug/L	20	12/16/22	MH	SW8260C
Bromodichloromethane	ND	10	ug/L	20	12/16/22	MH	SW8260C
Bromoform	ND	20	ug/L	20	12/16/22	MH	SW8260C
Bromomethane	ND	20	ug/L	20	12/16/22	MH	SW8260C
Carbon Disulfide	ND	100	ug/L	20	12/16/22	MH	SW8260C
Carbon tetrachloride	ND	20	ug/L	20	12/16/22	MH	SW8260C
Chlorobenzene	ND	20	ug/L	20	12/16/22	MH	SW8260C
Chloroethane	ND	20	ug/L	20	12/16/22	MH	SW8260C
Chloroform	ND	20	ug/L	20	12/16/22	MH	SW8260C
Chloromethane	ND	20	ug/L	20	12/16/22	MH	SW8260C
cis-1,2-Dichloroethene	1900	200	ug/L	200	12/19/22	MH	SW8260C
cis-1,3-Dichloropropene	ND	8.0	ug/L	20	12/16/22	MH	SW8260C
Dibromochloromethane	ND	10	ug/L	20	12/16/22	MH	SW8260C
Dibromomethane	ND	20	ug/L	20	12/16/22	MH	SW8260C
Dichlorodifluoromethane	ND	20	ug/L	20	12/16/22	MH	SW8260C
Ethylbenzene	ND	20	ug/L	20	12/16/22	MH	SW8260C
Hexachlorobutadiene	ND	8.0	ug/L	20	12/16/22	MH	SW8260C
Isopropylbenzene	ND	20	ug/L	20	12/16/22	MH	SW8260C
m&p-Xylene	ND	20	ug/L	20	12/16/22	MH	SW8260C
Methyl ethyl ketone	ND	100	ug/L	20	12/16/22	MH	SW8260C
Methyl t-butyl ether (MTBE)	ND	20	ug/L	20	12/16/22	MH	SW8260C
Methylene chloride	ND	20	ug/L	20	12/16/22	MH	SW8260C
Naphthalene	ND	20	ug/L	20	12/16/22	MH	SW8260C
n-Butylbenzene	ND	20	ug/L	20	12/16/22	MH	SW8260C
n-Propylbenzene	ND	20	ug/L	20	12/16/22	MH	SW8260C
o-Xylene	ND	20	ug/L	20	12/16/22	MH	SW8260C
p-Isopropyltoluene	ND	20	ug/L	20	12/16/22	MH	SW8260C
sec-Butylbenzene	ND	20	ug/L	20	12/16/22	MH	SW8260C
Styrene	ND	20	ug/L	20	12/16/22	MH	SW8260C
tert-Butylbenzene	ND	20	ug/L	20	12/16/22	MH	SW8260C
Tetrachloroethene	3600	200	ug/L	200	12/19/22	MH	SW8260C
Tetrahydrofuran (THF)	ND	50	ug/L	20	12/16/22	MH	SW8260C
Toluene	ND	20	ug/L	20	12/16/22	MH	SW8260C
Total Xylenes	ND	20	ug/L	20	12/16/22	MH	SW8260C
trans-1,2-Dichloroethene	ND	20	ug/L	20	12/16/22	MH	SW8260C
trans-1,3-Dichloropropene	ND	8.0	ug/L	20	12/16/22	MH	SW8260C
trans-1,4-dichloro-2-butene	ND	100	ug/L	20	12/16/22	MH	SW8260C
Trichloroethene	1400	200	ug/L	200	12/19/22	MH	SW8260C
Trichlorofluoromethane	ND	20	ug/L	20	12/16/22	MH	SW8260C
Trichlorotrifluoroethane	ND	20	ug/L	20	12/16/22	MH	SW8260C
Vinyl chloride	250	20	ug/L	20	12/16/22	MH	SW8260C
<u>QA/QC Surrogates</u>							
% 1,2-dichlorobenzene-d4 (20x)	107		%	20	12/16/22	MH	70 - 130 %
% Bromofluorobenzene (20x)	90		%	20	12/16/22	MH	70 - 130 %
% Dibromofluoromethane (20x)	92		%	20	12/16/22	MH	70 - 130 %

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference
% Toluene-d8 (20x)	93		%	20	12/16/22	MH	70 - 130 %
% 1,2-dichlorobenzene-d4 (200x)	98		%	200	12/19/22	MH	70 - 130 %
% Bromofluorobenzene (200x)	91		%	200	12/19/22	MH	70 - 130 %
% Dibromofluoromethane (200x)	102		%	200	12/19/22	MH	70 - 130 %
% Toluene-d8 (200x)	96		%	200	12/19/22	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 at RL/PQL
BRL=Below Reporting Level L=Biased Low

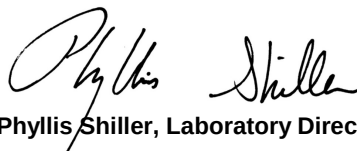
QA/QC Surrogates: Surrogates are compounds (preceded with a %) added by the lab to determine analysis efficiency. Surrogate results(%) listed in the report are not "detected" compounds.

Comments:

Volatile Comment:

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

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

December 21, 2022

Reviewed and Released by: Anil Makol, Project Manager



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



Analysis Report

December 21, 2022

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:
Received by: CP
Analyzed by: see "By" below

Date Time
12/15/22 13:20
12/15/22 17:14

Laboratory Data

SDG ID: GCN06061
Phoenix ID: CN06065

Project ID: FORMER DELMAR
Client ID: M-5

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference
Volatiles							
1,1,1,2-Tetrachloroethane	ND	1.0	ug/L	1	12/16/22	MH	SW8260C
1,1,1-Trichloroethane	ND	1.0	ug/L	1	12/16/22	MH	SW8260C
1,1,2,2-Tetrachloroethane	ND	0.50	ug/L	1	12/16/22	MH	SW8260C
1,1,2-Trichloroethane	ND	1.0	ug/L	1	12/16/22	MH	SW8260C
1,1-Dichloroethane	ND	1.0	ug/L	1	12/16/22	MH	SW8260C
1,1-Dichloroethene	ND	1.0	ug/L	1	12/16/22	MH	SW8260C
1,1-Dichloropropene	ND	1.0	ug/L	1	12/16/22	MH	SW8260C
1,2,3-Trichlorobenzene	ND	1.0	ug/L	1	12/16/22	MH	SW8260C
1,2,3-Trichloropropane	ND	1.0	ug/L	1	12/16/22	MH	SW8260C
1,2,4-Trichlorobenzene	ND	1.0	ug/L	1	12/16/22	MH	SW8260C
1,2,4-Trimethylbenzene	ND	1.0	ug/L	1	12/16/22	MH	SW8260C
1,2-Dibromo-3-chloropropane	ND	1.0	ug/L	1	12/16/22	MH	SW8260C
1,2-Dibromoethane	ND	1.0	ug/L	1	12/16/22	MH	SW8260C
1,2-Dichlorobenzene	ND	1.0	ug/L	1	12/16/22	MH	SW8260C
1,2-Dichloroethane	ND	0.60	ug/L	1	12/16/22	MH	SW8260C
1,2-Dichloropropane	ND	1.0	ug/L	1	12/16/22	MH	SW8260C
1,3,5-Trimethylbenzene	ND	1.0	ug/L	1	12/16/22	MH	SW8260C
1,3-Dichlorobenzene	ND	1.0	ug/L	1	12/16/22	MH	SW8260C
1,3-Dichloropropane	ND	1.0	ug/L	1	12/16/22	MH	SW8260C
1,4-Dichlorobenzene	ND	1.0	ug/L	1	12/16/22	MH	SW8260C
2,2-Dichloropropane	ND	1.0	ug/L	1	12/16/22	MH	SW8260C
2-Chlorotoluene	ND	1.0	ug/L	1	12/16/22	MH	SW8260C
2-Hexanone	ND	5.0	ug/L	1	12/16/22	MH	SW8260C
2-Isopropyltoluene	ND	1.0	ug/L	1	12/16/22	MH	SW8260C
4-Chlorotoluene	ND	1.0	ug/L	1	12/16/22	MH	SW8260C
4-Methyl-2-pentanone	ND	5.0	ug/L	1	12/16/22	MH	SW8260C

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference
Acetone	ND	25	ug/L	1	12/16/22	MH	SW8260C
Acrylonitrile	ND	1.0	ug/L	1	12/16/22	MH	SW8260C
Benzene	ND	0.70	ug/L	1	12/16/22	MH	SW8260C
Bromobenzene	ND	1.0	ug/L	1	12/16/22	MH	SW8260C
Bromochloromethane	ND	1.0	ug/L	1	12/16/22	MH	SW8260C
Bromodichloromethane	ND	0.50	ug/L	1	12/16/22	MH	SW8260C
Bromoform	ND	1.0	ug/L	1	12/16/22	MH	SW8260C
Bromomethane	ND	1.0	ug/L	1	12/16/22	MH	SW8260C
Carbon Disulfide	ND	5.0	ug/L	1	12/16/22	MH	SW8260C
Carbon tetrachloride	ND	1.0	ug/L	1	12/16/22	MH	SW8260C
Chlorobenzene	ND	1.0	ug/L	1	12/16/22	MH	SW8260C
Chloroethane	ND	1.0	ug/L	1	12/16/22	MH	SW8260C
Chloroform	ND	1.0	ug/L	1	12/16/22	MH	SW8260C
Chloromethane	ND	1.0	ug/L	1	12/16/22	MH	SW8260C
cis-1,2-Dichloroethene	27	5.0	ug/L	5	12/19/22	MH	SW8260C
cis-1,3-Dichloropropene	ND	0.40	ug/L	1	12/16/22	MH	SW8260C
Dibromochloromethane	ND	0.50	ug/L	1	12/16/22	MH	SW8260C
Dibromomethane	ND	1.0	ug/L	1	12/16/22	MH	SW8260C
Dichlorodifluoromethane	ND	1.0	ug/L	1	12/16/22	MH	SW8260C
Ethylbenzene	ND	1.0	ug/L	1	12/16/22	MH	SW8260C
Hexachlorobutadiene	ND	0.40	ug/L	1	12/16/22	MH	SW8260C
Isopropylbenzene	ND	1.0	ug/L	1	12/16/22	MH	SW8260C
m&p-Xylene	ND	1.0	ug/L	1	12/16/22	MH	SW8260C
Methyl ethyl ketone	ND	5.0	ug/L	1	12/16/22	MH	SW8260C
Methyl t-butyl ether (MTBE)	ND	1.0	ug/L	1	12/16/22	MH	SW8260C
Methylene chloride	ND	1.0	ug/L	1	12/16/22	MH	SW8260C
Naphthalene	ND	1.0	ug/L	1	12/16/22	MH	SW8260C
n-Butylbenzene	ND	1.0	ug/L	1	12/16/22	MH	SW8260C
n-Propylbenzene	ND	1.0	ug/L	1	12/16/22	MH	SW8260C
o-Xylene	ND	1.0	ug/L	1	12/16/22	MH	SW8260C
p-Isopropyltoluene	ND	1.0	ug/L	1	12/16/22	MH	SW8260C
sec-Butylbenzene	ND	1.0	ug/L	1	12/16/22	MH	SW8260C
Styrene	ND	1.0	ug/L	1	12/16/22	MH	SW8260C
tert-Butylbenzene	ND	1.0	ug/L	1	12/16/22	MH	SW8260C
Tetrachloroethene	ND	1.0	ug/L	1	12/16/22	MH	SW8260C
Tetrahydrofuran (THF)	ND	2.5	ug/L	1	12/16/22	MH	SW8260C
Toluene	ND	1.0	ug/L	1	12/16/22	MH	SW8260C
Total Xylenes	ND	1.0	ug/L	1	12/16/22	MH	SW8260C
trans-1,2-Dichloroethene	ND	1.0	ug/L	1	12/16/22	MH	SW8260C
trans-1,3-Dichloropropene	ND	0.40	ug/L	1	12/16/22	MH	SW8260C
trans-1,4-dichloro-2-butene	ND	5.0	ug/L	1	12/16/22	MH	SW8260C
Trichloroethene	ND	1.0	ug/L	1	12/16/22	MH	SW8260C
Trichlorofluoromethane	ND	1.0	ug/L	1	12/16/22	MH	SW8260C
Trichlorotrifluoroethane	ND	1.0	ug/L	1	12/16/22	MH	SW8260C
Vinyl chloride	8.4	1.0	ug/L	1	12/16/22	MH	SW8260C
<u>QA/QC Surrogates</u>							
% 1,2-dichlorobenzene-d4	107		%	1	12/16/22	MH	70 - 130 %
% Bromofluorobenzene	90		%	1	12/16/22	MH	70 - 130 %
% Dibromofluoromethane	94		%	1	12/16/22	MH	70 - 130 %

1

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference
% Toluene-d8	87		%	1	12/16/22	MH	70 - 130 %
% 1,2-dichlorobenzene-d4 (5x)	99		%	5	12/19/22	MH	70 - 130 %
% Bromofluorobenzene (5x)	94		%	5	12/19/22	MH	70 - 130 %
% Dibromofluoromethane (5x)	100		%	5	12/19/22	MH	70 - 130 %
% Toluene-d8 (5x)	94		%	5	12/19/22	MH	70 - 130 %

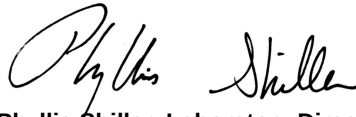
1 = This parameter is not certified by the primary accrediting authority (NY NELAC) for this matrix. NY NELAC does not offer certification for all parameters at this time.

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

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:

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

December 21, 2022

Reviewed and Released by: Anil Makol, Project Manager



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



Analysis Report

December 21, 2022

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:
Received by: CP
Analyzed by: see "By" below

Date Time
12/15/22 13:25
12/15/22 17:14

Laboratory Data

SDG ID: GCN06061
Phoenix ID: CN06066

Project ID: FORMER DELMAR
Client ID: M-3

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference
Client MS/MSD	Completed				12/19/22		

Volatiles

1,1,1,2-Tetrachloroethane	ND	1.0	ug/L	1	12/16/22	MH	SW8260C
1,1,1-Trichloroethane	ND	1.0	ug/L	1	12/16/22	MH	SW8260C
1,1,2,2-Tetrachloroethane	ND	0.50	ug/L	1	12/16/22	MH	SW8260C
1,1,2-Trichloroethane	ND	1.0	ug/L	1	12/16/22	MH	SW8260C
1,1-Dichloroethane	ND	1.0	ug/L	1	12/16/22	MH	SW8260C
1,1-Dichloroethene	1.9	1.0	ug/L	1	12/16/22	MH	SW8260C
1,1-Dichloropropene	ND	1.0	ug/L	1	12/16/22	MH	SW8260C
1,2,3-Trichlorobenzene	ND	1.0	ug/L	1	12/16/22	MH	SW8260C
1,2,3-Trichloropropane	ND	1.0	ug/L	1	12/16/22	MH	SW8260C
1,2,4-Trichlorobenzene	ND	1.0	ug/L	1	12/16/22	MH	SW8260C
1,2,4-Trimethylbenzene	ND	1.0	ug/L	1	12/16/22	MH	SW8260C
1,2-Dibromo-3-chloropropane	ND	1.0	ug/L	1	12/16/22	MH	SW8260C
1,2-Dibromoethane	ND	1.0	ug/L	1	12/16/22	MH	SW8260C
1,2-Dichlorobenzene	ND	1.0	ug/L	1	12/16/22	MH	SW8260C
1,2-Dichloroethane	ND	0.60	ug/L	1	12/16/22	MH	SW8260C
1,2-Dichloropropane	ND	1.0	ug/L	1	12/16/22	MH	SW8260C
1,3,5-Trimethylbenzene	ND	1.0	ug/L	1	12/16/22	MH	SW8260C
1,3-Dichlorobenzene	ND	1.0	ug/L	1	12/16/22	MH	SW8260C
1,3-Dichloropropane	ND	1.0	ug/L	1	12/16/22	MH	SW8260C
1,4-Dichlorobenzene	ND	1.0	ug/L	1	12/16/22	MH	SW8260C
2,2-Dichloropropane	ND	1.0	ug/L	1	12/16/22	MH	SW8260C
2-Chlorotoluene	ND	1.0	ug/L	1	12/16/22	MH	SW8260C
2-Hexanone	ND	5.0	ug/L	1	12/16/22	MH	SW8260C
2-Isopropyltoluene	ND	1.0	ug/L	1	12/16/22	MH	SW8260C
4-Chlorotoluene	ND	1.0	ug/L	1	12/16/22	MH	SW8260C

Client ID: M-3

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference
4-Methyl-2-pentanone	ND	5.0	ug/L	1	12/16/22	MH	SW8260C
Acetone	ND	25	ug/L	1	12/16/22	MH	SW8260C
Acrylonitrile	ND	1.0	ug/L	1	12/16/22	MH	SW8260C
Benzene	ND	0.70	ug/L	1	12/16/22	MH	SW8260C
Bromobenzene	ND	1.0	ug/L	1	12/16/22	MH	SW8260C
Bromochloromethane	ND	1.0	ug/L	1	12/16/22	MH	SW8260C
Bromodichloromethane	ND	0.50	ug/L	1	12/16/22	MH	SW8260C
Bromoform	ND	1.0	ug/L	1	12/16/22	MH	SW8260C
Bromomethane	ND	1.0	ug/L	1	12/16/22	MH	SW8260C
Carbon Disulfide	ND	5.0	ug/L	1	12/16/22	MH	SW8260C
Carbon tetrachloride	ND	1.0	ug/L	1	12/16/22	MH	SW8260C
Chlorobenzene	ND	1.0	ug/L	1	12/16/22	MH	SW8260C
Chloroethane	ND	1.0	ug/L	1	12/16/22	MH	SW8260C
Chloroform	ND	1.0	ug/L	1	12/16/22	MH	SW8260C
Chloromethane	ND	1.0	ug/L	1	12/16/22	MH	SW8260C
cis-1,2-Dichloroethene	580	50	ug/L	50	12/19/22	MH	SW8260C
cis-1,3-Dichloropropene	ND	0.40	ug/L	1	12/16/22	MH	SW8260C
Dibromochloromethane	ND	0.50	ug/L	1	12/16/22	MH	SW8260C
Dibromomethane	ND	1.0	ug/L	1	12/16/22	MH	SW8260C
Dichlorodifluoromethane	ND	1.0	ug/L	1	12/16/22	MH	SW8260C
Ethylbenzene	ND	1.0	ug/L	1	12/16/22	MH	SW8260C
Hexachlorobutadiene	ND	0.40	ug/L	1	12/16/22	MH	SW8260C
Isopropylbenzene	ND	1.0	ug/L	1	12/16/22	MH	SW8260C
m&p-Xylene	ND	1.0	ug/L	1	12/16/22	MH	SW8260C
Methyl ethyl ketone	ND	5.0	ug/L	1	12/16/22	MH	SW8260C
Methyl t-butyl ether (MTBE)	ND	1.0	ug/L	1	12/16/22	MH	SW8260C
Methylene chloride	ND	1.0	ug/L	1	12/16/22	MH	SW8260C
Naphthalene	ND	1.0	ug/L	1	12/16/22	MH	SW8260C
n-Butylbenzene	ND	1.0	ug/L	1	12/16/22	MH	SW8260C
n-Propylbenzene	ND	1.0	ug/L	1	12/16/22	MH	SW8260C
o-Xylene	ND	1.0	ug/L	1	12/16/22	MH	SW8260C
p-Isopropyltoluene	ND	1.0	ug/L	1	12/16/22	MH	SW8260C
sec-Butylbenzene	ND	1.0	ug/L	1	12/16/22	MH	SW8260C
Styrene	ND	1.0	ug/L	1	12/16/22	MH	SW8260C
tert-Butylbenzene	ND	1.0	ug/L	1	12/16/22	MH	SW8260C
Tetrachloroethene	61	10	ug/L	10	12/19/22	MH	SW8260C
Tetrahydrofuran (THF)	ND	2.5	ug/L	1	12/16/22	MH	SW8260C
Toluene	ND	1.0	ug/L	1	12/16/22	MH	SW8260C
Total Xylenes	ND	1.0	ug/L	1	12/16/22	MH	SW8260C
trans-1,2-Dichloroethene	7.1	1.0	ug/L	1	12/16/22	MH	SW8260C
trans-1,3-Dichloropropene	ND	0.40	ug/L	1	12/16/22	MH	SW8260C
trans-1,4-dichloro-2-butene	ND	5.0	ug/L	1	12/16/22	MH	SW8260C
Trichloroethene	100	10	ug/L	10	12/19/22	MH	SW8260C
Trichlorofluoromethane	ND	1.0	ug/L	1	12/16/22	MH	SW8260C
Trichlorotrifluoroethane	ND	1.0	ug/L	1	12/16/22	MH	SW8260C
Vinyl chloride	200	10	ug/L	10	12/19/22	MH	SW8260C
QA/QC Surrogates							
% 1,2-dichlorobenzene-d4	106		%	1	12/16/22	MH	70 - 130 %
% Bromofluorobenzene	91		%	1	12/16/22	MH	70 - 130 %

1

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference
% Dibromofluoromethane	99		%	1	12/16/22	MH	70 - 130 %
% Toluene-d8	94		%	1	12/16/22	MH	70 - 130 %
% 1,2-dichlorobenzene-d4 (10x)	98		%	10	12/19/22	MH	70 - 130 %
% Bromofluorobenzene (10x)	93		%	10	12/19/22	MH	70 - 130 %
% Dibromofluoromethane (10x)	102		%	10	12/19/22	MH	70 - 130 %
% Toluene-d8 (10x)	98		%	10	12/19/22	MH	70 - 130 %
% 1,2-dichlorobenzene-d4 (50x)	101		%	50	12/19/22	MH	70 - 130 %
% Bromofluorobenzene (50x)	93		%	50	12/19/22	MH	70 - 130 %
% Dibromofluoromethane (50x)	103		%	50	12/19/22	MH	70 - 130 %
% Toluene-d8 (50x)	95		%	50	12/19/22	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 at RL/PQL

BRL=Below Reporting Level L=Biased Low

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:

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Phyllis Shiller, Laboratory Director

December 21, 2022

Reviewed and Released by: Anil Makol, Project Manager



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



Analysis Report

December 21, 2022

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:
Received by: CP
Analyzed by: see "By" below

Date	Time
12/15/22	13:25
12/15/22	17:14

Laboratory Data

SDG ID: GCN06061
Phoenix ID: CN06067

Project ID: FORMER DELMAR
Client ID: M-6

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference
Volatiles							
1,1,1,2-Tetrachloroethane	ND	1.0	ug/L	1	12/16/22	MH	SW8260C
1,1,1-Trichloroethane	ND	1.0	ug/L	1	12/16/22	MH	SW8260C
1,1,2,2-Tetrachloroethane	ND	0.50	ug/L	1	12/16/22	MH	SW8260C
1,1,2-Trichloroethane	ND	1.0	ug/L	1	12/16/22	MH	SW8260C
1,1-Dichloroethane	ND	1.0	ug/L	1	12/16/22	MH	SW8260C
1,1-Dichloroethene	ND	1.0	ug/L	1	12/16/22	MH	SW8260C
1,1-Dichloropropene	ND	1.0	ug/L	1	12/16/22	MH	SW8260C
1,2,3-Trichlorobenzene	ND	1.0	ug/L	1	12/16/22	MH	SW8260C
1,2,3-Trichloropropane	ND	1.0	ug/L	1	12/16/22	MH	SW8260C
1,2,4-Trichlorobenzene	ND	1.0	ug/L	1	12/16/22	MH	SW8260C
1,2,4-Trimethylbenzene	ND	1.0	ug/L	1	12/16/22	MH	SW8260C
1,2-Dibromo-3-chloropropane	ND	1.0	ug/L	1	12/16/22	MH	SW8260C
1,2-Dibromoethane	ND	1.0	ug/L	1	12/16/22	MH	SW8260C
1,2-Dichlorobenzene	ND	1.0	ug/L	1	12/16/22	MH	SW8260C
1,2-Dichloroethane	ND	0.60	ug/L	1	12/16/22	MH	SW8260C
1,2-Dichloropropane	ND	1.0	ug/L	1	12/16/22	MH	SW8260C
1,3,5-Trimethylbenzene	ND	1.0	ug/L	1	12/16/22	MH	SW8260C
1,3-Dichlorobenzene	ND	1.0	ug/L	1	12/16/22	MH	SW8260C
1,3-Dichloropropane	ND	1.0	ug/L	1	12/16/22	MH	SW8260C
1,4-Dichlorobenzene	ND	1.0	ug/L	1	12/16/22	MH	SW8260C
2,2-Dichloropropane	ND	1.0	ug/L	1	12/16/22	MH	SW8260C
2-Chlorotoluene	ND	1.0	ug/L	1	12/16/22	MH	SW8260C
2-Hexanone	ND	5.0	ug/L	1	12/16/22	MH	SW8260C
2-Isopropyltoluene	ND	1.0	ug/L	1	12/16/22	MH	SW8260C
4-Chlorotoluene	ND	1.0	ug/L	1	12/16/22	MH	SW8260C
4-Methyl-2-pentanone	ND	5.0	ug/L	1	12/16/22	MH	SW8260C

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference
Acetone	ND	25	ug/L	1	12/16/22	MH	SW8260C
Acrylonitrile	ND	1.0	ug/L	1	12/16/22	MH	SW8260C
Benzene	ND	0.70	ug/L	1	12/16/22	MH	SW8260C
Bromobenzene	ND	1.0	ug/L	1	12/16/22	MH	SW8260C
Bromochloromethane	ND	1.0	ug/L	1	12/16/22	MH	SW8260C
Bromodichloromethane	ND	0.50	ug/L	1	12/16/22	MH	SW8260C
Bromoform	ND	1.0	ug/L	1	12/16/22	MH	SW8260C
Bromomethane	ND	1.0	ug/L	1	12/16/22	MH	SW8260C
Carbon Disulfide	ND	5.0	ug/L	1	12/16/22	MH	SW8260C
Carbon tetrachloride	ND	1.0	ug/L	1	12/16/22	MH	SW8260C
Chlorobenzene	ND	1.0	ug/L	1	12/16/22	MH	SW8260C
Chloroethane	ND	1.0	ug/L	1	12/16/22	MH	SW8260C
Chloroform	ND	1.0	ug/L	1	12/16/22	MH	SW8260C
Chloromethane	ND	1.0	ug/L	1	12/16/22	MH	SW8260C
cis-1,2-Dichloroethene	27	2.0	ug/L	2	12/19/22	MH	SW8260C
cis-1,3-Dichloropropene	ND	0.40	ug/L	1	12/16/22	MH	SW8260C
Dibromochloromethane	ND	0.50	ug/L	1	12/16/22	MH	SW8260C
Dibromomethane	ND	1.0	ug/L	1	12/16/22	MH	SW8260C
Dichlorodifluoromethane	ND	1.0	ug/L	1	12/16/22	MH	SW8260C
Ethylbenzene	ND	1.0	ug/L	1	12/16/22	MH	SW8260C
Hexachlorobutadiene	ND	0.40	ug/L	1	12/16/22	MH	SW8260C
Isopropylbenzene	ND	1.0	ug/L	1	12/16/22	MH	SW8260C
m&p-Xylene	ND	1.0	ug/L	1	12/16/22	MH	SW8260C
Methyl ethyl ketone	ND	5.0	ug/L	1	12/16/22	MH	SW8260C
Methyl t-butyl ether (MTBE)	ND	1.0	ug/L	1	12/16/22	MH	SW8260C
Methylene chloride	ND	1.0	ug/L	1	12/16/22	MH	SW8260C
Naphthalene	ND	1.0	ug/L	1	12/16/22	MH	SW8260C
n-Butylbenzene	ND	1.0	ug/L	1	12/16/22	MH	SW8260C
n-Propylbenzene	ND	1.0	ug/L	1	12/16/22	MH	SW8260C
o-Xylene	ND	1.0	ug/L	1	12/16/22	MH	SW8260C
p-Isopropyltoluene	ND	1.0	ug/L	1	12/16/22	MH	SW8260C
sec-Butylbenzene	ND	1.0	ug/L	1	12/16/22	MH	SW8260C
Styrene	ND	1.0	ug/L	1	12/16/22	MH	SW8260C
tert-Butylbenzene	ND	1.0	ug/L	1	12/16/22	MH	SW8260C
Tetrachloroethene	ND	1.0	ug/L	1	12/16/22	MH	SW8260C
Tetrahydrofuran (THF)	ND	2.5	ug/L	1	12/16/22	MH	SW8260C
Toluene	ND	1.0	ug/L	1	12/16/22	MH	SW8260C
Total Xylenes	ND	1.0	ug/L	1	12/16/22	MH	SW8260C
trans-1,2-Dichloroethene	ND	1.0	ug/L	1	12/16/22	MH	SW8260C
trans-1,3-Dichloropropene	ND	0.40	ug/L	1	12/16/22	MH	SW8260C
trans-1,4-dichloro-2-butene	ND	5.0	ug/L	1	12/16/22	MH	SW8260C
Trichloroethene	ND	1.0	ug/L	1	12/16/22	MH	SW8260C
Trichlorofluoromethane	ND	1.0	ug/L	1	12/16/22	MH	SW8260C
Trichlorotrifluoroethane	ND	1.0	ug/L	1	12/16/22	MH	SW8260C
Vinyl chloride	5.2	2.0	ug/L	2	12/19/22	MH	SW8260C
<u>QA/QC Surrogates</u>							
% 1,2-dichlorobenzene-d4	107		%	1	12/16/22	MH	70 - 130 %
% Bromofluorobenzene	92		%	1	12/16/22	MH	70 - 130 %
% Dibromofluoromethane	102		%	1	12/16/22	MH	70 - 130 %

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference
% Toluene-d8	95		%	1	12/16/22	MH	70 - 130 %
% 1,2-dichlorobenzene-d4 (2x)	99		%	2	12/19/22	MH	70 - 130 %
% Bromofluorobenzene (2x)	93		%	2	12/19/22	MH	70 - 130 %
% Dibromofluoromethane (2x)	101		%	2	12/19/22	MH	70 - 130 %
% Toluene-d8 (2x)	97		%	2	12/19/22	MH	70 - 130 %

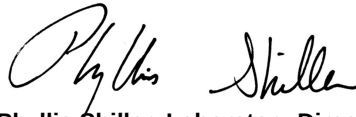
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RL/PQL=Reporting/Practical Quantitation Level (Equivalent to NELAC LOQ, Limit of Quantitation) ND=Not Detected at RL/PQL
BRL=Below Reporting Level L=Biased Low

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:

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Phyllis Shiller, Laboratory Director

December 21, 2022

Reviewed and Released by: Anil Makol, Project Manager



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



Analysis Report

December 21, 2022

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:
Received by: CP
Analyzed by: see "By" below

Date: 12/15/22
Time: 17:14

Laboratory Data

SDG ID: GCN06061
Phoenix ID: CN06068

Project ID: FORMER DELMAR
Client ID: DUP

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference
Volatiles							
1,1,1,2-Tetrachloroethane	ND	20	ug/L	20	12/16/22	MH	SW8260C
1,1,1-Trichloroethane	ND	20	ug/L	20	12/16/22	MH	SW8260C
1,1,2,2-Tetrachloroethane	ND	10	ug/L	20	12/16/22	MH	SW8260C
1,1,2-Trichloroethane	ND	20	ug/L	20	12/16/22	MH	SW8260C
1,1-Dichloroethane	ND	20	ug/L	20	12/16/22	MH	SW8260C
1,1-Dichloroethene	ND	20	ug/L	20	12/16/22	MH	SW8260C
1,1-Dichloropropene	ND	20	ug/L	20	12/16/22	MH	SW8260C
1,2,3-Trichlorobenzene	ND	20	ug/L	20	12/16/22	MH	SW8260C
1,2,3-Trichloropropane	ND	20	ug/L	20	12/16/22	MH	SW8260C
1,2,4-Trichlorobenzene	ND	20	ug/L	20	12/16/22	MH	SW8260C
1,2,4-Trimethylbenzene	ND	20	ug/L	20	12/16/22	MH	SW8260C
1,2-Dibromo-3-chloropropane	ND	20	ug/L	20	12/16/22	MH	SW8260C
1,2-Dibromoethane	ND	20	ug/L	20	12/16/22	MH	SW8260C
1,2-Dichlorobenzene	ND	20	ug/L	20	12/16/22	MH	SW8260C
1,2-Dichloroethane	ND	12	ug/L	20	12/16/22	MH	SW8260C
1,2-Dichloropropane	ND	20	ug/L	20	12/16/22	MH	SW8260C
1,3,5-Trimethylbenzene	ND	20	ug/L	20	12/16/22	MH	SW8260C
1,3-Dichlorobenzene	ND	20	ug/L	20	12/16/22	MH	SW8260C
1,3-Dichloropropane	ND	20	ug/L	20	12/16/22	MH	SW8260C
1,4-Dichlorobenzene	ND	20	ug/L	20	12/16/22	MH	SW8260C
2,2-Dichloropropane	ND	20	ug/L	20	12/16/22	MH	SW8260C
2-Chlorotoluene	ND	20	ug/L	20	12/16/22	MH	SW8260C
2-Hexanone	ND	100	ug/L	20	12/16/22	MH	SW8260C
2-Isopropyltoluene	ND	20	ug/L	20	12/16/22	MH	SW8260C
4-Chlorotoluene	ND	20	ug/L	20	12/16/22	MH	SW8260C
4-Methyl-2-pentanone	ND	100	ug/L	20	12/16/22	MH	SW8260C

Client ID: DUP

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference
Acetone	ND	500	ug/L	20	12/16/22	MH	SW8260C
Acrylonitrile	ND	20	ug/L	20	12/16/22	MH	SW8260C
Benzene	ND	14	ug/L	20	12/16/22	MH	SW8260C
Bromobenzene	ND	20	ug/L	20	12/16/22	MH	SW8260C
Bromochloromethane	ND	20	ug/L	20	12/16/22	MH	SW8260C
Bromodichloromethane	ND	10	ug/L	20	12/16/22	MH	SW8260C
Bromoform	ND	20	ug/L	20	12/16/22	MH	SW8260C
Bromomethane	ND	20	ug/L	20	12/16/22	MH	SW8260C
Carbon Disulfide	ND	100	ug/L	20	12/16/22	MH	SW8260C
Carbon tetrachloride	ND	20	ug/L	20	12/16/22	MH	SW8260C
Chlorobenzene	ND	20	ug/L	20	12/16/22	MH	SW8260C
Chloroethane	ND	20	ug/L	20	12/16/22	MH	SW8260C
Chloroform	ND	20	ug/L	20	12/16/22	MH	SW8260C
Chloromethane	ND	20	ug/L	20	12/16/22	MH	SW8260C
cis-1,2-Dichloroethene	1900	200	ug/L	200	12/19/22	MH	SW8260C
cis-1,3-Dichloropropene	ND	8.0	ug/L	20	12/16/22	MH	SW8260C
Dibromochloromethane	ND	10	ug/L	20	12/16/22	MH	SW8260C
Dibromomethane	ND	20	ug/L	20	12/16/22	MH	SW8260C
Dichlorodifluoromethane	ND	20	ug/L	20	12/16/22	MH	SW8260C
Ethylbenzene	ND	20	ug/L	20	12/16/22	MH	SW8260C
Hexachlorobutadiene	ND	8.0	ug/L	20	12/16/22	MH	SW8260C
Isopropylbenzene	ND	20	ug/L	20	12/16/22	MH	SW8260C
m&p-Xylene	ND	20	ug/L	20	12/16/22	MH	SW8260C
Methyl ethyl ketone	ND	100	ug/L	20	12/16/22	MH	SW8260C
Methyl t-butyl ether (MTBE)	ND	20	ug/L	20	12/16/22	MH	SW8260C
Methylene chloride	ND	20	ug/L	20	12/16/22	MH	SW8260C
Naphthalene	ND	20	ug/L	20	12/16/22	MH	SW8260C
n-Butylbenzene	ND	20	ug/L	20	12/16/22	MH	SW8260C
n-Propylbenzene	ND	20	ug/L	20	12/16/22	MH	SW8260C
o-Xylene	ND	20	ug/L	20	12/16/22	MH	SW8260C
p-Isopropyltoluene	ND	20	ug/L	20	12/16/22	MH	SW8260C
sec-Butylbenzene	ND	20	ug/L	20	12/16/22	MH	SW8260C
Styrene	ND	20	ug/L	20	12/16/22	MH	SW8260C
tert-Butylbenzene	ND	20	ug/L	20	12/16/22	MH	SW8260C
Tetrachloroethene	3500	200	ug/L	200	12/19/22	MH	SW8260C
Tetrahydrofuran (THF)	ND	50	ug/L	20	12/16/22	MH	SW8260C
Toluene	ND	20	ug/L	20	12/16/22	MH	SW8260C
Total Xylenes	ND	20	ug/L	20	12/16/22	MH	SW8260C
trans-1,2-Dichloroethene	ND	20	ug/L	20	12/16/22	MH	SW8260C
trans-1,3-Dichloropropene	ND	8.0	ug/L	20	12/16/22	MH	SW8260C
trans-1,4-dichloro-2-butene	ND	100	ug/L	20	12/16/22	MH	SW8260C
Trichloroethene	1400	200	ug/L	200	12/19/22	MH	SW8260C
Trichlorofluoromethane	ND	20	ug/L	20	12/16/22	MH	SW8260C
Trichlorotrifluoroethane	ND	20	ug/L	20	12/16/22	MH	SW8260C
Vinyl chloride	220	20	ug/L	20	12/16/22	MH	SW8260C
<u>QA/QC Surrogates</u>							
% 1,2-dichlorobenzene-d4 (20x)	108		%	20	12/16/22	MH	70 - 130 %
% Bromofluorobenzene (20x)	88		%	20	12/16/22	MH	70 - 130 %
% Dibromofluoromethane (20x)	93		%	20	12/16/22	MH	70 - 130 %

1

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference
% Toluene-d8 (20x)	91		%	20	12/16/22	MH	70 - 130 %
% 1,2-dichlorobenzene-d4 (200x)	101		%	200	12/19/22	MH	70 - 130 %
% Bromofluorobenzene (200x)	94		%	200	12/19/22	MH	70 - 130 %
% Dibromofluoromethane (200x)	103		%	200	12/19/22	MH	70 - 130 %
% Toluene-d8 (200x)	96		%	200	12/19/22	MH	70 - 130 %

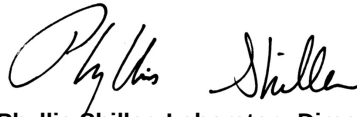
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RL/PQL=Reporting/Practical Quantitation Level (Equivalent to NELAC LOQ, Limit of Quantitation) ND=Not Detected at RL/PQL
BRL=Below Reporting Level L=Biased Low

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:

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Phyllis Shiller, Laboratory Director

December 21, 2022

Reviewed and Released by: Anil Makol, Project Manager



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



Analysis Report

December 21, 2022

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:
Received by: CP
Analyzed by: see "By" below

Date	Time
12/15/22	12:45
12/15/22	17:14

Laboratory Data

SDG ID: GCN06061
Phoenix ID: CN06069

Project ID: FORMER DELMAR
Client ID: FIELD BLANK

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference
Volatiles							
1,1,1,2-Tetrachloroethane	ND	1.0	ug/L	1	12/16/22	HM	SW8260C
1,1,1-Trichloroethane	ND	1.0	ug/L	1	12/16/22	HM	SW8260C
1,1,2,2-Tetrachloroethane	ND	0.50	ug/L	1	12/16/22	HM	SW8260C
1,1,2-Trichloroethane	ND	1.0	ug/L	1	12/16/22	HM	SW8260C
1,1-Dichloroethane	ND	1.0	ug/L	1	12/16/22	HM	SW8260C
1,1-Dichloroethene	ND	1.0	ug/L	1	12/16/22	HM	SW8260C
1,1-Dichloropropene	ND	1.0	ug/L	1	12/16/22	HM	SW8260C
1,2,3-Trichlorobenzene	ND	1.0	ug/L	1	12/16/22	HM	SW8260C
1,2,3-Trichloropropane	ND	1.0	ug/L	1	12/16/22	HM	SW8260C
1,2,4-Trichlorobenzene	ND	1.0	ug/L	1	12/16/22	HM	SW8260C
1,2,4-Trimethylbenzene	ND	1.0	ug/L	1	12/16/22	HM	SW8260C
1,2-Dibromo-3-chloropropane	ND	1.0	ug/L	1	12/16/22	HM	SW8260C
1,2-Dibromoethane	ND	1.0	ug/L	1	12/16/22	HM	SW8260C
1,2-Dichlorobenzene	ND	1.0	ug/L	1	12/16/22	HM	SW8260C
1,2-Dichloroethane	ND	0.60	ug/L	1	12/16/22	HM	SW8260C
1,2-Dichloropropane	ND	1.0	ug/L	1	12/16/22	HM	SW8260C
1,3,5-Trimethylbenzene	ND	1.0	ug/L	1	12/16/22	HM	SW8260C
1,3-Dichlorobenzene	ND	1.0	ug/L	1	12/16/22	HM	SW8260C
1,3-Dichloropropane	ND	1.0	ug/L	1	12/16/22	HM	SW8260C
1,4-Dichlorobenzene	ND	1.0	ug/L	1	12/16/22	HM	SW8260C
2,2-Dichloropropane	ND	1.0	ug/L	1	12/16/22	HM	SW8260C
2-Chlorotoluene	ND	1.0	ug/L	1	12/16/22	HM	SW8260C
2-Hexanone	ND	5.0	ug/L	1	12/16/22	HM	SW8260C
2-Isopropyltoluene	ND	1.0	ug/L	1	12/16/22	HM	SW8260C
4-Chlorotoluene	ND	1.0	ug/L	1	12/16/22	HM	SW8260C
4-Methyl-2-pentanone	ND	5.0	ug/L	1	12/16/22	HM	SW8260C

Client ID: FIELD BLANK

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference
Acetone	ND	25	ug/L	1	12/16/22	HM	SW8260C
Acrylonitrile	ND	1.0	ug/L	1	12/16/22	HM	SW8260C
Benzene	ND	0.70	ug/L	1	12/16/22	HM	SW8260C
Bromobenzene	ND	1.0	ug/L	1	12/16/22	HM	SW8260C
Bromochloromethane	ND	1.0	ug/L	1	12/16/22	HM	SW8260C
Bromodichloromethane	ND	0.50	ug/L	1	12/16/22	HM	SW8260C
Bromoform	ND	1.0	ug/L	1	12/16/22	HM	SW8260C
Bromomethane	ND	1.0	ug/L	1	12/16/22	HM	SW8260C
Carbon Disulfide	ND	5.0	ug/L	1	12/16/22	HM	SW8260C
Carbon tetrachloride	ND	1.0	ug/L	1	12/16/22	HM	SW8260C
Chlorobenzene	ND	1.0	ug/L	1	12/16/22	HM	SW8260C
Chloroethane	ND	1.0	ug/L	1	12/16/22	HM	SW8260C
Chloroform	ND	1.0	ug/L	1	12/16/22	HM	SW8260C
Chloromethane	ND	1.0	ug/L	1	12/16/22	HM	SW8260C
cis-1,2-Dichloroethene	ND	1.0	ug/L	1	12/16/22	HM	SW8260C
cis-1,3-Dichloropropene	ND	0.40	ug/L	1	12/16/22	HM	SW8260C
Dibromochloromethane	ND	0.50	ug/L	1	12/16/22	HM	SW8260C
Dibromomethane	ND	1.0	ug/L	1	12/16/22	HM	SW8260C
Dichlorodifluoromethane	ND	1.0	ug/L	1	12/16/22	HM	SW8260C
Ethylbenzene	ND	1.0	ug/L	1	12/16/22	HM	SW8260C
Hexachlorobutadiene	ND	0.40	ug/L	1	12/16/22	HM	SW8260C
Isopropylbenzene	ND	1.0	ug/L	1	12/16/22	HM	SW8260C
m&p-Xylene	ND	1.0	ug/L	1	12/16/22	HM	SW8260C
Methyl ethyl ketone	ND	5.0	ug/L	1	12/16/22	HM	SW8260C
Methyl t-butyl ether (MTBE)	ND	1.0	ug/L	1	12/16/22	HM	SW8260C
Methylene chloride	ND	1.0	ug/L	1	12/16/22	HM	SW8260C
Naphthalene	ND	1.0	ug/L	1	12/16/22	HM	SW8260C
n-Butylbenzene	ND	1.0	ug/L	1	12/16/22	HM	SW8260C
n-Propylbenzene	ND	1.0	ug/L	1	12/16/22	HM	SW8260C
o-Xylene	ND	1.0	ug/L	1	12/16/22	HM	SW8260C
p-Isopropyltoluene	ND	1.0	ug/L	1	12/16/22	HM	SW8260C
sec-Butylbenzene	ND	1.0	ug/L	1	12/16/22	HM	SW8260C
Styrene	ND	1.0	ug/L	1	12/16/22	HM	SW8260C
tert-Butylbenzene	ND	1.0	ug/L	1	12/16/22	HM	SW8260C
Tetrachloroethene	ND	1.0	ug/L	1	12/16/22	HM	SW8260C
Tetrahydrofuran (THF)	ND	2.5	ug/L	1	12/16/22	HM	SW8260C
Toluene	ND	1.0	ug/L	1	12/16/22	HM	SW8260C
Total Xylenes	ND	1.0	ug/L	1	12/16/22	HM	SW8260C
trans-1,2-Dichloroethene	ND	1.0	ug/L	1	12/16/22	HM	SW8260C
trans-1,3-Dichloropropene	ND	0.40	ug/L	1	12/16/22	HM	SW8260C
trans-1,4-dichloro-2-butene	ND	5.0	ug/L	1	12/16/22	HM	SW8260C
Trichloroethene	ND	1.0	ug/L	1	12/16/22	HM	SW8260C
Trichlorofluoromethane	ND	1.0	ug/L	1	12/16/22	HM	SW8260C
Trichlorotrifluoroethane	ND	1.0	ug/L	1	12/16/22	HM	SW8260C
Vinyl chloride	ND	1.0	ug/L	1	12/16/22	HM	SW8260C
<u>QA/QC Surrogates</u>							
% 1,2-dichlorobenzene-d4	107		%	1	12/16/22	HM	70 - 130 %
% Bromofluorobenzene	91		%	1	12/16/22	HM	70 - 130 %
% Dibromofluoromethane	99		%	1	12/16/22	HM	70 - 130 %

1

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference
% Toluene-d8	95		%	1	12/16/22	HM	70 - 130 %

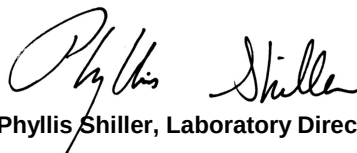
1 = This parameter is not certified by the primary accrediting authority (NY NELAC) for this matrix. NY NELAC does not offer certification for all parameters at this time.

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

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:

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

December 21, 2022

Reviewed and Released by: Anil Makol, Project Manager



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



Analysis Report

December 21, 2022

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:
Received by: CP
Analyzed by: see "By" below

Date

12/15/22

Time

12/15/22 17:14

Laboratory Data

SDG ID: GCN06061
Phoenix ID: CN06070

Project ID: FORMER DELMAR
Client ID: TRIP BLANK

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference
Volatiles							
1,1,1,2-Tetrachloroethane	ND	1.0	ug/L	1	12/15/22	HM	SW8260C
1,1,1-Trichloroethane	ND	1.0	ug/L	1	12/15/22	HM	SW8260C
1,1,2,2-Tetrachloroethane	ND	0.50	ug/L	1	12/15/22	HM	SW8260C
1,1,2-Trichloroethane	ND	1.0	ug/L	1	12/15/22	HM	SW8260C
1,1-Dichloroethane	ND	1.0	ug/L	1	12/15/22	HM	SW8260C
1,1-Dichloroethene	ND	1.0	ug/L	1	12/15/22	HM	SW8260C
1,1-Dichloropropene	ND	1.0	ug/L	1	12/15/22	HM	SW8260C
1,2,3-Trichlorobenzene	ND	1.0	ug/L	1	12/15/22	HM	SW8260C
1,2,3-Trichloropropane	ND	1.0	ug/L	1	12/15/22	HM	SW8260C
1,2,4-Trichlorobenzene	ND	1.0	ug/L	1	12/15/22	HM	SW8260C
1,2,4-Trimethylbenzene	ND	1.0	ug/L	1	12/15/22	HM	SW8260C
1,2-Dibromo-3-chloropropane	ND	1.0	ug/L	1	12/15/22	HM	SW8260C
1,2-Dibromoethane	ND	1.0	ug/L	1	12/15/22	HM	SW8260C
1,2-Dichlorobenzene	ND	1.0	ug/L	1	12/15/22	HM	SW8260C
1,2-Dichloroethane	ND	0.60	ug/L	1	12/15/22	HM	SW8260C
1,2-Dichloropropane	ND	1.0	ug/L	1	12/15/22	HM	SW8260C
1,3,5-Trimethylbenzene	ND	1.0	ug/L	1	12/15/22	HM	SW8260C
1,3-Dichlorobenzene	ND	1.0	ug/L	1	12/15/22	HM	SW8260C
1,3-Dichloropropane	ND	1.0	ug/L	1	12/15/22	HM	SW8260C
1,4-Dichlorobenzene	ND	1.0	ug/L	1	12/15/22	HM	SW8260C
2,2-Dichloropropane	ND	1.0	ug/L	1	12/15/22	HM	SW8260C
2-Chlorotoluene	ND	1.0	ug/L	1	12/15/22	HM	SW8260C
2-Hexanone	ND	5.0	ug/L	1	12/15/22	HM	SW8260C
2-Isopropyltoluene	ND	1.0	ug/L	1	12/15/22	HM	SW8260C
4-Chlorotoluene	ND	1.0	ug/L	1	12/15/22	HM	SW8260C
4-Methyl-2-pentanone	ND	5.0	ug/L	1	12/15/22	HM	SW8260C

Client ID: TRIP BLANK

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference
Acetone	ND	25	ug/L	1	12/15/22	HM	SW8260C
Acrylonitrile	ND	1.0	ug/L	1	12/15/22	HM	SW8260C
Benzene	ND	0.70	ug/L	1	12/15/22	HM	SW8260C
Bromobenzene	ND	1.0	ug/L	1	12/15/22	HM	SW8260C
Bromochloromethane	ND	1.0	ug/L	1	12/15/22	HM	SW8260C
Bromodichloromethane	ND	0.50	ug/L	1	12/15/22	HM	SW8260C
Bromoform	ND	1.0	ug/L	1	12/15/22	HM	SW8260C
Bromomethane	ND	1.0	ug/L	1	12/15/22	HM	SW8260C
Carbon Disulfide	ND	5.0	ug/L	1	12/15/22	HM	SW8260C
Carbon tetrachloride	ND	1.0	ug/L	1	12/15/22	HM	SW8260C
Chlorobenzene	ND	1.0	ug/L	1	12/15/22	HM	SW8260C
Chloroethane	ND	1.0	ug/L	1	12/15/22	HM	SW8260C
Chloroform	ND	1.0	ug/L	1	12/15/22	HM	SW8260C
Chloromethane	ND	1.0	ug/L	1	12/15/22	HM	SW8260C
cis-1,2-Dichloroethene	ND	1.0	ug/L	1	12/15/22	HM	SW8260C
cis-1,3-Dichloropropene	ND	0.40	ug/L	1	12/15/22	HM	SW8260C
Dibromochloromethane	ND	0.50	ug/L	1	12/15/22	HM	SW8260C
Dibromomethane	ND	1.0	ug/L	1	12/15/22	HM	SW8260C
Dichlorodifluoromethane	ND	1.0	ug/L	1	12/15/22	HM	SW8260C
Ethylbenzene	ND	1.0	ug/L	1	12/15/22	HM	SW8260C
Hexachlorobutadiene	ND	0.40	ug/L	1	12/15/22	HM	SW8260C
Isopropylbenzene	ND	1.0	ug/L	1	12/15/22	HM	SW8260C
m&p-Xylene	ND	1.0	ug/L	1	12/15/22	HM	SW8260C
Methyl ethyl ketone	ND	5.0	ug/L	1	12/15/22	HM	SW8260C
Methyl t-butyl ether (MTBE)	ND	1.0	ug/L	1	12/15/22	HM	SW8260C
Methylene chloride	ND	1.0	ug/L	1	12/15/22	HM	SW8260C
Naphthalene	ND	1.0	ug/L	1	12/15/22	HM	SW8260C
n-Butylbenzene	ND	1.0	ug/L	1	12/15/22	HM	SW8260C
n-Propylbenzene	ND	1.0	ug/L	1	12/15/22	HM	SW8260C
o-Xylene	ND	1.0	ug/L	1	12/15/22	HM	SW8260C
p-Isopropyltoluene	ND	1.0	ug/L	1	12/15/22	HM	SW8260C
sec-Butylbenzene	ND	1.0	ug/L	1	12/15/22	HM	SW8260C
Styrene	ND	1.0	ug/L	1	12/15/22	HM	SW8260C
tert-Butylbenzene	ND	1.0	ug/L	1	12/15/22	HM	SW8260C
Tetrachloroethene	ND	1.0	ug/L	1	12/15/22	HM	SW8260C
Tetrahydrofuran (THF)	ND	2.5	ug/L	1	12/15/22	HM	SW8260C
Toluene	ND	1.0	ug/L	1	12/15/22	HM	SW8260C
Total Xylenes	ND	1.0	ug/L	1	12/15/22	HM	SW8260C
trans-1,2-Dichloroethene	ND	1.0	ug/L	1	12/15/22	HM	SW8260C
trans-1,3-Dichloropropene	ND	0.40	ug/L	1	12/15/22	HM	SW8260C
trans-1,4-dichloro-2-butene	ND	5.0	ug/L	1	12/15/22	HM	SW8260C
Trichloroethene	ND	1.0	ug/L	1	12/15/22	HM	SW8260C
Trichlorofluoromethane	ND	1.0	ug/L	1	12/15/22	HM	SW8260C
Trichlorotrifluoroethane	ND	1.0	ug/L	1	12/15/22	HM	SW8260C
Vinyl chloride	ND	1.0	ug/L	1	12/15/22	HM	SW8260C
<u>QA/QC Surrogates</u>							
% 1,2-dichlorobenzene-d4	107		%	1	12/15/22	HM	70 - 130 %
% Bromofluorobenzene	91		%	1	12/15/22	HM	70 - 130 %
% Dibromofluoromethane	91		%	1	12/15/22	HM	70 - 130 %

1

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference
% Toluene-d8	95		%	1	12/15/22	HM	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.

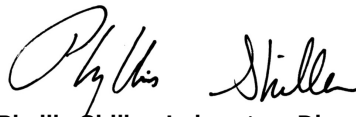
RL/PQL=Reporting/Practical Quantitation Level (Equivalent to NELAC LOQ, Limit of Quantitation) ND=Not Detected at RL/PQL
BRL=Below Reporting Level L=Biased Low

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:

TRIP BLANK INCLUDED.

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



Phyllis Shiller, Laboratory Director

December 21, 2022

Reviewed and Released by: Anil Makol, Project Manager



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



QA/QC Report

December 21, 2022

QA/QC Data

SDG I.D.: GCN06061

Parameter	Blank	Blk RL	LCS %	LCSD %	LCS RPD	MS %	MSD %	MS RPD	% Rec Limits	% RPD Limits

QA/QC Batch 656663 (ug/L), QC Sample No: CN06061 (CN06061, CN06062, CN06063, CN06064 (20X) , CN06065, CN06066, CN06067, CN06068 (20X) , CN06069, CN06070)

Volatiles - Ground Water

1,1,1,2-Tetrachloroethane	ND	1.0	103	114	10.1				70 - 130	30
1,1,1-Trichloroethane	ND	1.0	90	100	10.5				70 - 130	30
1,1,2,2-Tetrachloroethane	ND	0.50	108	116	7.1				70 - 130	30
1,1,2-Trichloroethane	ND	1.0	101	109	7.6				70 - 130	30
1,1-Dichloroethane	ND	1.0	94	105	11.1				70 - 130	30
1,1-Dichloroethene	ND	1.0	89	100	11.6				70 - 130	30
1,1-Dichloropropene	ND	1.0	98	107	8.8				70 - 130	30
1,2,3-Trichlorobenzene	ND	1.0	124	142	13.5				70 - 130	30
1,2,3-Trichloropropane	ND	1.0	103	111	7.5				70 - 130	30
1,2,4-Trichlorobenzene	ND	1.0	113	120	6.0				70 - 130	30
1,2,4-Trimethylbenzene	ND	1.0	105	116	10.0				70 - 130	30
1,2-Dibromo-3-chloropropane	ND	1.0	116	126	8.3				70 - 130	30
1,2-Dibromoethane	ND	1.0	114	120	5.1				70 - 130	30
1,2-Dichlorobenzene	ND	1.0	106	114	7.3				70 - 130	30
1,2-Dichloroethane	ND	1.0	97	103	6.0				70 - 130	30
1,2-Dichloropropane	ND	1.0	97	105	7.9				70 - 130	30
1,3,5-Trimethylbenzene	ND	1.0	107	117	8.9				70 - 130	30
1,3-Dichlorobenzene	ND	1.0	104	118	12.6				70 - 130	30
1,3-Dichloropropane	ND	1.0	108	118	8.8				70 - 130	30
1,4-Dichlorobenzene	ND	1.0	102	115	12.0				70 - 130	30
2,2-Dichloropropane	ND	1.0	84	94	11.2				70 - 130	30
2-Chlorotoluene	ND	1.0	106	120	12.4				70 - 130	30
2-Hexanone	ND	5.0	101	109	7.6				70 - 130	30
2-Isopropyltoluene	ND	1.0	105	114	8.2				70 - 130	30
4-Chlorotoluene	ND	1.0	108	120	10.5				70 - 130	30
4-Methyl-2-pentanone	ND	5.0	97	107	9.8				70 - 130	30
Acetone	ND	5.0	87	101	14.9				70 - 130	30
Acrylonitrile	ND	5.0	94	100	6.2				70 - 130	30
Benzene	ND	0.70	100	110	9.5				70 - 130	30
Bromobenzene	ND	1.0	109	118	7.9				70 - 130	30
Bromochloromethane	ND	1.0	96	109	12.7				70 - 130	30
Bromodichloromethane	ND	0.50	97	107	9.8				70 - 130	30
Bromoform	ND	1.0	105	118	11.7				70 - 130	30
Bromomethane	ND	1.0	75	91	19.3				70 - 130	30
Carbon Disulfide	ND	1.0	86	99	14.1				70 - 130	30
Carbon tetrachloride	ND	1.0	101	96	5.1				70 - 130	30
Chlorobenzene	ND	1.0	106	114	7.3				70 - 130	30
Chloroethane	ND	1.0	96	102	6.1				70 - 130	30
Chloroform	ND	1.0	94	103	9.1				70 - 130	30
Chloromethane	ND	1.0	89	99	10.6				70 - 130	30

QA/QC Data

SDG I.D.: GCN06061

Parameter	Blank	Blk RL	LCS %	LCSD %	LCS RPD	MS %	MSD %	MS RPD	% Rec Limits	% RPD Limits
cis-1,2-Dichloroethene	ND	1.0	97	106	8.9				70 - 130	30
cis-1,3-Dichloropropene	ND	0.40	97	106	8.9				70 - 130	30
Dibromochloromethane	ND	0.50	105	115	9.1				70 - 130	30
Dibromomethane	ND	1.0	99	107	7.8				70 - 130	30
Dichlorodifluoromethane	ND	1.0	77	86	11.0				70 - 130	30
Ethylbenzene	ND	1.0	108	118	8.8				70 - 130	30
Hexachlorobutadiene	ND	0.40	97	104	7.0				70 - 130	30
Isopropylbenzene	ND	1.0	108	118	8.8				70 - 130	30
m&p-Xylene	ND	1.0	111	123	10.3				70 - 130	30
Methyl ethyl ketone	ND	5.0	96	103	7.0				70 - 130	30
Methyl t-butyl ether (MTBE)	ND	1.0	99	112	12.3				70 - 130	30
Methylene chloride	ND	1.0	89	99	10.6				70 - 130	30
Naphthalene	ND	1.0	131	150	13.5				70 - 130	30
n-Butylbenzene	ND	1.0	104	112	7.4				70 - 130	30
n-Propylbenzene	ND	1.0	110	119	7.9				70 - 130	30
o-Xylene	ND	1.0	107	118	9.8				70 - 130	30
p-Isopropyltoluene	ND	1.0	107	116	8.1				70 - 130	30
sec-Butylbenzene	ND	1.0	105	116	10.0				70 - 130	30
Styrene	ND	1.0	113	124	9.3				70 - 130	30
tert-Butylbenzene	ND	1.0	107	119	10.6				70 - 130	30
Tetrachloroethene	ND	1.0	99	111	11.4				70 - 130	30
Tetrahydrofuran (THF)	ND	2.5	93	106	13.1				70 - 130	30
Toluene	ND	1.0	102	113	10.2				70 - 130	30
trans-1,2-Dichloroethene	ND	1.0	92	104	12.2				70 - 130	30
trans-1,3-Dichloropropene	ND	0.40	96	107	10.8				70 - 130	30
trans-1,4-dichloro-2-butene	ND	5.0	99	114	14.1				70 - 130	30
Trichloroethene	ND	1.0	102	110	7.5				70 - 130	30
Trichlorofluoromethane	ND	1.0	86	95	9.9				70 - 130	30
Trichlorotrifluoroethane	ND	1.0	85	91	6.8				70 - 130	30
Vinyl chloride	ND	1.0	94	105	11.1				70 - 130	30
% 1,2-dichlorobenzene-d4	102	%	101	99	2.0				70 - 130	30
% Bromofluorobenzene	91	%	99	102	3.0				70 - 130	30
% Dibromofluoromethane	96	%	91	96	5.3				70 - 130	30
% Toluene-d8	95	%	97	97	0.0				70 - 130	30

Comment:

A LCS and LCS Duplicate were performed instead of a matrix spike and matrix spike duplicate.

Additional 8260 criteria: 10% of LCS/LCSD compounds can be outside of acceptance criteria as long as recovery is 40-160%, 25-160% for Chloroethane-HL and Trichlorofluoromethane-HL.

QA/QC Batch 656884 (ug/L), QC Sample No: CN06066 (CN06064 (200X) , CN06065 (5X) , CN06066 (10X, 50X) , CN06067 (2X) , CN06068 (200X))

Volatiles - Ground Water

cis-1,2-Dichloroethene	ND	1.0	99	96	3.1	NC	NC	NC	70 - 130	30
Tetrachloroethene	ND	1.0	92	93	1.1	95	99	4.1	70 - 130	30
Trichloroethene	ND	1.0	95	94	1.1	97	99	2.0	70 - 130	30
Vinyl chloride	ND	1.0	95	93	2.1	NC	NC	NC	70 - 130	30
% 1,2-dichlorobenzene-d4	93	%	102	103	1.0	101	101	0.0	70 - 130	30
% Bromofluorobenzene	93	%	101	101	0.0	103	104	1.0	70 - 130	30
% Dibromofluoromethane	103	%	103	102	1.0	98	102	4.0	70 - 130	30
% Toluene-d8	95	%	98	100	2.0	101	103	2.0	70 - 130	30

Comment:

Additional 8260 criteria: 10% of LCS/LCSD compounds can be outside of acceptance criteria as long as recovery is 40-160%, 25-160% for Chloroethane-HL and Trichlorofluoromethane-HL.

QA/QC Data

SDG I.D.: GCN06061

Parameter	Blk		LCS %	LCSD %	LCS RPD	MS %	MSD %	MS RPD	% Rec Limits	% RPD Limits
	Blank	RL								

I = This parameter is outside laboratory LCS/LCSD 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



Phyllis Shiller, Laboratory Director

December 21, 2022

Criteria: None
State: NY

Sample Criteria Exceedances Report
GCN06061 - HENNESSY

SampNo	Acode	Phoenix Analyte	Criteria	Result	RL	Criteria	RL Criteria	Analysis Units

*** No Data to Display ***

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



Analysis Comments

December 21, 2022

SDG I.D.: GCN06061

The following analysis comments are made regarding exceptions to criteria not already noted in the Analysis Report or QA/QC Report:

VOA Narration

CHEM15 12/15/22-2: CN06061, CN06062, CN06063, CN06064, CN06065, CN06066, CN06067, CN06068, CN06069, CN06070

The following Initial Calibration compounds did not meet RSD% criteria: Bromoform 23% (20%), Dibromochloromethane 22% (20%), Naphthalene 28% (20%), p-Isopropyltoluene 23% (20%), Styrene 23% (20%), tert-Butylbenzene 21% (20%), trans-1,3-Dichloropropene 23% (20%), trans-1,4-dichloro-2-butene 40% (20%)

The following Initial Calibration compounds did not meet maximum RSD% criteria: None.

The following Continuing Calibration compounds did not meet % deviation criteria: Naphthalene 37%H (30%)

The following Continuing Calibration compounds did not meet Maximum % deviation criteria: None.

Up to eight compounds can be outside of ICAL %RSD criteria and up to sixteen compounds can be outside of CCAL %Dev criteria if less than 40%.



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NY Temperature Narration

December 21, 2022

SDG I.D.: GCN06061

The samples in this delivery group were received at 1.4°C.
(Note acceptance criteria for relevant matrices is above freezing up to 6°C)

Please print or type.

Form Approved. OMB No. 2050-0039

UNIFORM HAZARDOUS WASTE MANIFEST		1. Generator ID Number NYR00188235	2. Page 1 of 1	3. Emergency Response Phone (877) 818-0087	4. Manifest Tracking Number 002183422 VES			
5. Generator's Name and Mailing Address FORMER ROXY CLEANERS 625 BRDWAY ALBANY, NY 12207-2942 Generator's Phone 518 813 3597		Generator's Site Address (if different than mailing address) 156 DELAWARE AVE DELMAR, NY 12054-1302						
6. Transporter 1 Company Name VEOLIA ES TECHNICAL SOLUTIONS		U.S. EPA ID Number N I D 0 8 0 6 3 1 3 6 9						
7. Transporter 2 Company Name FREEHOLD CARTAGE INC		U.S. EPA ID Number N I D 0 5 4 1 2 6 1 6 4						
8. Designated Facility Name and Site Address VEOLIA ES TECHNICAL SOLUTIONS 125 FACTORY LANE MIDDLESEX, NJ 08846		U.S. EPA ID Number N I D 0 0 2 4 5 4 5 4 4						
Facility's Phone: 732 469 5100								
GENERATOR	9a. HM	9b. U.S. DOT Description (including Proper Shipping Name, Hazard Class, ID Number, and Packing Group (if any))	10. Containers		11. Total Quantity	12. Unit Wt./Vol.	13. Waste Codes	
			No.	Type				
	X	NA3082, HAZARDOUS WASTE, LIQUID, n.o.s., (TETRACHLOROETHYLENE, TRICHLOROETHENE), 9, III	1	D M	400	P	F001 B	
14. Special Handling Instructions and Additional Information ER Service Contracted by VESTS + Contract retained by generator confers agency authority on initial transporter to add or substitute additional transporters on generator's behalf + 1) ERG:171 W:742345 A:MARCSWFUEL								
15. GENERATOR'S/OFFEROR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations. If export shipment and I am the Primary Exporter, I certify that the contents of this consignment conform to the terms of the attached EPA Acknowledgment of Consent. I certify that the waste minimization statement identified in 40 CFR 262.27(a) (if I am a large quantity generator) or (b) (if I am a small quantity generator) is true.								
Generator's/Offor's Printed/Typed Name Will Shippey - Agent for Generator		Signature <i>[Signature]</i>		Month 1		Day 28		
16. International Shipments ☐ Import to U.S. ☐ Export from U.S.		Port of entry/exit: Date leaving U.S.:						
TRANSPORTER	17. Transporter Acknowledgment of Receipt of Materials							
	Transporter 1 Printed/Typed Name GREICHEN ELLINWOOD		Signature <i>[Signature]</i>		Month 12			
	Transporter 2 Printed/Typed Name <i>[Signature]</i>		Signature <i>[Signature]</i>		Day 21			
DESIGNATED FACILITY	18. Discrepancy							
	18a. Discrepancy Indication Space ☐ Quantity ☐ Type ☐ Residue ☐ Partial Rejection ☐ Full Rejection							
	18b. Alternate Facility (or Generator) Manifest Reference Number: U.S. EPA ID Number							
	Facility's Phone:							
	18c. Signature of Alternate Facility (or Generator) Month Day Year							
19. Hazardous Waste Report Management Method Codes (i.e., codes for hazardous waste treatment, disposal, and recycling systems)								
1. H061		2.		3.		4.		
20. Designated Facility Owner or Operator: Certification of receipt of hazardous materials covered by the manifest except as noted in Item 18a								
Printed/Typed Name Dawn Bunn		Signature <i>[Signature]</i>		Month 12		Day 28		

APPENDIX D.4

October 17, 2023 Sampling Event

Well Gauging Data Sheet

Project: Former Rony Cramer	Date: 10-17-23
Location: 156 Delaware Ave, Delmar	Project No.: 156 Delaware Ave, Delmar
Personnel: Curtis Cappellano	Field Conditions: Cloudy, dry, Hi 55°F, ^{wind} 9 mph

[illegible]

Conversion Factors:

1" Well = 0.04 gal/ft

2" Well = 0.17 gal/ft

3" Well = 0.37 gal/ft

4" Well = 0.66 gal/ft

6" Well = 1.47 gal/ft

Purge Amount=

DTB-DTW*Conversion Factor*3



Geology

Hydrology

Remediation

Water Supply

November 15, 2023

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 2023 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 2023 ground water event. The data for Phoenix Environmental Laboratories, Inc, SDG number: GCP28915 are acceptable with some minor issues identified in the validation summary. There are no data that were qualified as either rejected (R) or estimated 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-231.ltr.docx



Geology

Hydrology

Remediation

Water Supply

**Data Usability Summary Report for
Phoenix Environmental Laboratories, Inc.
SDG Number: GCP28915**

**7 Ground Water Samples, 1 Field Duplicate,
and 1 Transport Blank
Collected October 17, 2023**

Prepared by: Donald Anné
November 15, 2023

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. Alpha Analytical Labs did fulfill the requirements of the analytical method.

The data are acceptable with some minor issues that are identified in the accompanying data validation review. There no data were qualified as either rejected (R) or estimated; therefore, all data are considered usable. Detailed information on data quality is included in the data validation review.

Qualified Data Section

(No Data Qualified)



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



Analysis Report

November 08, 2023

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:
Received by: CP
Analyzed by: see "By" below

Date Time
10/17/23 15:15
10/18/23 17:36

Laboratory Data

SDG ID: GCP28915
Phoenix ID: CP28915

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

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
Volatiles								
1,1,1,2-Tetrachloroethane	ND	20	5.0	ug/L	20	10/19/23	MH	SW8260D
1,1,1-Trichloroethane	ND	20	5.0	ug/L	20	10/19/23	MH	SW8260D
1,1,2,2-Tetrachloroethane	ND	10	5.0	ug/L	20	10/19/23	MH	SW8260D
1,1,2-Trichloroethane	ND	20	5.0	ug/L	20	10/19/23	MH	SW8260D
1,1-Dichloroethane	ND	20	5.0	ug/L	20	10/19/23	MH	SW8260D
1,1-Dichloroethene	ND	20	5.0	ug/L	20	10/19/23	MH	SW8260D
1,1-Dichloropropene	ND	20	5.0	ug/L	20	10/19/23	MH	SW8260D
1,2,3-Trichlorobenzene	ND	20	5.0	ug/L	20	10/19/23	MH	SW8260D
1,2,3-Trichloropropane	ND	20	5.0	ug/L	20	10/19/23	MH	SW8260D
1,2,4-Trichlorobenzene	ND	20	5.0	ug/L	20	10/19/23	MH	SW8260D
1,2,4-Trimethylbenzene	ND	20	5.0	ug/L	20	10/19/23	MH	SW8260D
1,2-Dibromo-3-chloropropane	ND	20	10	ug/L	20	10/19/23	MH	SW8260D
1,2-Dibromoethane	ND	20	5.0	ug/L	20	10/19/23	MH	SW8260D
1,2-Dichlorobenzene	ND	20	5.0	ug/L	20	10/19/23	MH	SW8260D
1,2-Dichloroethane	ND	12	5.0	ug/L	20	10/19/23	MH	SW8260D
1,2-Dichloropropane	ND	20	5.0	ug/L	20	10/19/23	MH	SW8260D
1,3,5-Trimethylbenzene	ND	20	5.0	ug/L	20	10/19/23	MH	SW8260D
1,3-Dichlorobenzene	ND	20	5.0	ug/L	20	10/19/23	MH	SW8260D
1,3-Dichloropropane	ND	20	5.0	ug/L	20	10/19/23	MH	SW8260D
1,4-Dichlorobenzene	ND	20	5.0	ug/L	20	10/19/23	MH	SW8260D
2,2-Dichloropropane	ND	20	5.0	ug/L	20	10/19/23	MH	SW8260D
2-Chlorotoluene	ND	20	5.0	ug/L	20	10/19/23	MH	SW8260D
2-Hexanone	ND	100	50	ug/L	20	10/19/23	MH	SW8260D
2-Isopropyltoluene	ND	20	5.0	ug/L	20	10/19/23	MH	SW8260D
4-Chlorotoluene	ND	20	5.0	ug/L	20	10/19/23	MH	SW8260D
4-Methyl-2-pentanone	ND	100	50	ug/L	20	10/19/23	MH	SW8260D

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
Acetone	ND	500	50	ug/L	20	10/19/23	MH	SW8260D
Acrylonitrile	ND	20	5.0	ug/L	20	10/19/23	MH	SW8260D
Benzene	ND	14	5.0	ug/L	20	10/19/23	MH	SW8260D
Bromobenzene	ND	20	5.0	ug/L	20	10/19/23	MH	SW8260D
Bromochloromethane	ND	20	5.0	ug/L	20	10/19/23	MH	SW8260D
Bromodichloromethane	ND	10	5.0	ug/L	20	10/19/23	MH	SW8260D
Bromoform	ND	20	5.0	ug/L	20	10/19/23	MH	SW8260D
Bromomethane	ND	20	5.0	ug/L	20	10/19/23	MH	SW8260D
Carbon Disulfide	ND	100	5.0	ug/L	20	10/19/23	MH	SW8260D
Carbon tetrachloride	ND	20	5.0	ug/L	20	10/19/23	MH	SW8260D
Chlorobenzene	ND	20	5.0	ug/L	20	10/19/23	MH	SW8260D
Chloroethane	ND	20	5.0	ug/L	20	10/19/23	MH	SW8260D
Chloroform	ND	20	5.0	ug/L	20	10/19/23	MH	SW8260D
Chloromethane	ND	20	5.0	ug/L	20	10/19/23	MH	SW8260D
cis-1,2-Dichloroethene	2800	D 200	50	ug/L	200	10/20/23	MH	SW8260D
cis-1,3-Dichloropropene	ND	8.0	5.0	ug/L	20	10/19/23	MH	SW8260D
Dibromochloromethane	ND	10	5.0	ug/L	20	10/19/23	MH	SW8260D
Dibromomethane	ND	20	5.0	ug/L	20	10/19/23	MH	SW8260D
Dichlorodifluoromethane	ND	20	5.0	ug/L	20	10/19/23	MH	SW8260D
Ethylbenzene	ND	20	5.0	ug/L	20	10/19/23	MH	SW8260D
Hexachlorobutadiene	ND	8.0	5.0	ug/L	20	10/19/23	MH	SW8260D
Isopropylbenzene	ND	20	5.0	ug/L	20	10/19/23	MH	SW8260D
m&p-Xylene	ND	20	5.0	ug/L	20	10/19/23	MH	SW8260D
Methyl ethyl ketone	ND	100	50	ug/L	20	10/19/23	MH	SW8260D
Methyl t-butyl ether (MTBE)	ND	20	5.0	ug/L	20	10/19/23	MH	SW8260D
Methylene chloride	ND	20	20	ug/L	20	10/19/23	MH	SW8260D
Naphthalene	ND	20	20	ug/L	20	10/19/23	MH	SW8260D
n-Butylbenzene	ND	20	5.0	ug/L	20	10/19/23	MH	SW8260D
n-Propylbenzene	ND	20	5.0	ug/L	20	10/19/23	MH	SW8260D
o-Xylene	ND	20	5.0	ug/L	20	10/19/23	MH	SW8260D
p-Isopropyltoluene	ND	20	5.0	ug/L	20	10/19/23	MH	SW8260D
sec-Butylbenzene	ND	20	5.0	ug/L	20	10/19/23	MH	SW8260D
Styrene	ND	20	5.0	ug/L	20	10/19/23	MH	SW8260D
tert-Butylbenzene	ND	20	5.0	ug/L	20	10/19/23	MH	SW8260D
Tetrachloroethene	5900	D 200	50	ug/L	200	10/20/23	MH	SW8260D
Tetrahydrofuran (THF)	ND	50	50	ug/L	20	10/19/23	MH	SW8260D
Toluene	ND	20	5.0	ug/L	20	10/19/23	MH	SW8260D
Total Xylenes	ND	20	20	ug/L	20	10/19/23	MH	SW8260D
trans-1,2-Dichloroethene	29	20	5.0	ug/L	20	10/19/23	MH	SW8260D
trans-1,3-Dichloropropene	ND	8.0	5.0	ug/L	20	10/19/23	MH	SW8260D
trans-1,4-dichloro-2-butene	ND	100	50	ug/L	20	10/19/23	MH	SW8260D
Trichloroethene	2200	D 200	50	ug/L	200	10/20/23	MH	SW8260D
Trichlorofluoromethane	ND	20	5.0	ug/L	20	10/19/23	MH	SW8260D
Trichlorotrifluoroethane	ND	20	5.0	ug/L	20	10/19/23	MH	SW8260D
Vinyl chloride	380	20	5.0	ug/L	20	10/19/23	MH	SW8260D
QA/QC Surrogates								
% 1,2-dichlorobenzene-d4 (20x)	100			%	20	10/19/23	MH	70 - 130 %
% Bromofluorobenzene (20x)	96			%	20	10/19/23	MH	70 - 130 %
% Dibromofluoromethane (20x)	100			%	20	10/19/23	MH	70 - 130 %

B

1

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
% Toluene-d8 (20x)	102			%	20	10/19/23	MH	70 - 130 %
% 1,2-dichlorobenzene-d4 (200x)	100			%	200	10/20/23	MH	70 - 130 %
% Bromofluorobenzene (200x)	98			%	200	10/20/23	MH	70 - 130 %
% Dibromofluoromethane (200x)	103			%	200	10/20/23	MH	70 - 130 %
% Toluene-d8 (200x)	96			%	200	10/20/23	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.

B = Present in blank, no bias suspected.

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

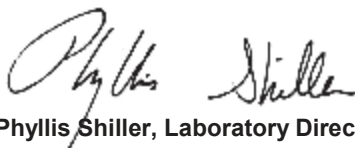
QA/QC Surrogates: Surrogates are compounds (preceded with a %) added by the lab to determine analysis efficiency. Surrogate results(%) listed in the report are not "detected" compounds.

Comments:

Volatile Comment:

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

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 08, 2023

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 Fax (860) 645-0823



Analysis Report

November 08, 2023

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:
Received by: CP
Analyzed by: see "By" below

Date Time
10/17/23 12:15
10/18/23 17:36

Laboratory Data

SDG ID: GCP28915
Phoenix ID: CP28916

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

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
Volatiles								
1,1,1,2-Tetrachloroethane	ND	1.0	0.25	ug/L	1	10/19/23	MH	SW8260D
1,1,1-Trichloroethane	ND	1.0	0.25	ug/L	1	10/19/23	MH	SW8260D
1,1,2,2-Tetrachloroethane	ND	0.50	0.25	ug/L	1	10/19/23	MH	SW8260D
1,1,2-Trichloroethane	ND	1.0	0.25	ug/L	1	10/19/23	MH	SW8260D
1,1-Dichloroethane	ND	1.0	0.25	ug/L	1	10/19/23	MH	SW8260D
1,1-Dichloroethene	ND	1.0	0.25	ug/L	1	10/19/23	MH	SW8260D
1,1-Dichloropropene	ND	1.0	0.25	ug/L	1	10/19/23	MH	SW8260D
1,2,3-Trichlorobenzene	ND	1.0	0.25	ug/L	1	10/19/23	MH	SW8260D
1,2,3-Trichloropropane	ND	1.0	0.25	ug/L	1	10/19/23	MH	SW8260D
1,2,4-Trichlorobenzene	ND	1.0	0.25	ug/L	1	10/19/23	MH	SW8260D
1,2,4-Trimethylbenzene	ND	1.0	0.25	ug/L	1	10/19/23	MH	SW8260D
1,2-Dibromo-3-chloropropane	ND	1.0	0.50	ug/L	1	10/19/23	MH	SW8260D
1,2-Dibromoethane	ND	1.0	0.25	ug/L	1	10/19/23	MH	SW8260D
1,2-Dichlorobenzene	ND	1.0	0.25	ug/L	1	10/19/23	MH	SW8260D
1,2-Dichloroethane	ND	0.60	0.25	ug/L	1	10/19/23	MH	SW8260D
1,2-Dichloropropane	ND	1.0	0.25	ug/L	1	10/19/23	MH	SW8260D
1,3,5-Trimethylbenzene	ND	1.0	0.25	ug/L	1	10/19/23	MH	SW8260D
1,3-Dichlorobenzene	ND	1.0	0.25	ug/L	1	10/19/23	MH	SW8260D
1,3-Dichloropropane	ND	1.0	0.25	ug/L	1	10/19/23	MH	SW8260D
1,4-Dichlorobenzene	ND	1.0	0.25	ug/L	1	10/19/23	MH	SW8260D
2,2-Dichloropropane	ND	1.0	0.25	ug/L	1	10/19/23	MH	SW8260D
2-Chlorotoluene	ND	1.0	0.25	ug/L	1	10/19/23	MH	SW8260D
2-Hexanone	ND	5.0	2.5	ug/L	1	10/19/23	MH	SW8260D
2-Isopropyltoluene	ND	1.0	0.25	ug/L	1	10/19/23	MH	SW8260D
4-Chlorotoluene	ND	1.0	0.25	ug/L	1	10/19/23	MH	SW8260D
4-Methyl-2-pentanone	ND	5.0	2.5	ug/L	1	10/19/23	MH	SW8260D

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
Acetone	ND	25	2.5	ug/L	1	10/19/23	MH	SW8260D
Acrylonitrile	ND	1.0	0.25	ug/L	1	10/19/23	MH	SW8260D
Benzene	ND	0.70	0.25	ug/L	1	10/19/23	MH	SW8260D
Bromobenzene	ND	1.0	0.25	ug/L	1	10/19/23	MH	SW8260D
Bromochloromethane	ND	1.0	0.25	ug/L	1	10/19/23	MH	SW8260D
Bromodichloromethane	ND	0.50	0.25	ug/L	1	10/19/23	MH	SW8260D
Bromoform	ND	1.0	0.25	ug/L	1	10/19/23	MH	SW8260D
Bromomethane	ND	1.0	0.25	ug/L	1	10/19/23	MH	SW8260D
Carbon Disulfide	ND	5.0	0.25	ug/L	1	10/19/23	MH	SW8260D
Carbon tetrachloride	ND	1.0	0.25	ug/L	1	10/19/23	MH	SW8260D
Chlorobenzene	ND	1.0	0.25	ug/L	1	10/19/23	MH	SW8260D
Chloroethane	ND	1.0	0.25	ug/L	1	10/19/23	MH	SW8260D
Chloroform	ND	1.0	0.25	ug/L	1	10/19/23	MH	SW8260D
Chloromethane	ND	1.0	0.25	ug/L	1	10/19/23	MH	SW8260D
cis-1,2-Dichloroethene	ND	1.0	0.25	ug/L	1	10/19/23	MH	SW8260D
cis-1,3-Dichloropropene	ND	0.40	0.25	ug/L	1	10/19/23	MH	SW8260D
Dibromochloromethane	ND	0.50	0.25	ug/L	1	10/19/23	MH	SW8260D
Dibromomethane	ND	1.0	0.25	ug/L	1	10/19/23	MH	SW8260D
Dichlorodifluoromethane	ND	1.0	0.25	ug/L	1	10/19/23	MH	SW8260D
Ethylbenzene	ND	1.0	0.25	ug/L	1	10/19/23	MH	SW8260D
Hexachlorobutadiene	ND	0.40	0.25	ug/L	1	10/19/23	MH	SW8260D
Isopropylbenzene	ND	1.0	0.25	ug/L	1	10/19/23	MH	SW8260D
m&p-Xylene	ND	1.0	0.25	ug/L	1	10/19/23	MH	SW8260D
Methyl ethyl ketone	ND	5.0	2.5	ug/L	1	10/19/23	MH	SW8260D
Methyl t-butyl ether (MTBE)	ND	1.0	0.25	ug/L	1	10/19/23	MH	SW8260D
Methylene chloride	ND	1.0	1.0	ug/L	1	10/19/23	MH	SW8260D
Naphthalene	ND	1.0	1.0	ug/L	1	10/19/23	MH	SW8260D
n-Butylbenzene	ND	1.0	0.25	ug/L	1	10/19/23	MH	SW8260D
n-Propylbenzene	ND	1.0	0.25	ug/L	1	10/19/23	MH	SW8260D
o-Xylene	ND	1.0	0.25	ug/L	1	10/19/23	MH	SW8260D
p-Isopropyltoluene	ND	1.0	0.25	ug/L	1	10/19/23	MH	SW8260D
sec-Butylbenzene	ND	1.0	0.25	ug/L	1	10/19/23	MH	SW8260D
Styrene	ND	1.0	0.25	ug/L	1	10/19/23	MH	SW8260D
tert-Butylbenzene	ND	1.0	0.25	ug/L	1	10/19/23	MH	SW8260D
Tetrachloroethene	ND	1.0	0.25	ug/L	1	10/19/23	MH	SW8260D
Tetrahydrofuran (THF)	ND	2.5	2.5	ug/L	1	10/19/23	MH	SW8260D
Toluene	ND	1.0	0.25	ug/L	1	10/19/23	MH	SW8260D
Total Xylenes	ND	1.0	1.0	ug/L	1	10/19/23	MH	SW8260D
trans-1,2-Dichloroethene	ND	1.0	0.25	ug/L	1	10/19/23	MH	SW8260D
trans-1,3-Dichloropropene	ND	0.40	0.25	ug/L	1	10/19/23	MH	SW8260D
trans-1,4-dichloro-2-butene	ND	5.0	2.5	ug/L	1	10/19/23	MH	SW8260D
Trichloroethene	ND	1.0	0.25	ug/L	1	10/19/23	MH	SW8260D
Trichlorofluoromethane	ND	1.0	0.25	ug/L	1	10/19/23	MH	SW8260D
Trichlorotrifluoroethane	ND	1.0	0.25	ug/L	1	10/19/23	MH	SW8260D
Vinyl chloride	ND	1.0	0.25	ug/L	1	10/19/23	MH	SW8260D
QA/QC Surrogates								
% 1,2-dichlorobenzene-d4	100			%	1	10/19/23	MH	70 - 130 %
% Bromofluorobenzene	96			%	1	10/19/23	MH	70 - 130 %
% Dibromofluoromethane	100			%	1	10/19/23	MH	70 - 130 %

B

1

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
% Toluene-d8	96			%	1	10/19/23	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.

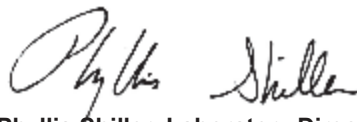
B = Present in blank, no bias suspected.

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:

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 08, 2023

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 Fax (860) 645-0823



Analysis Report

November 08, 2023

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:
Received by: CP
Analyzed by: see "By" below

Date Time
10/17/23 11:30
10/18/23 17:36

Laboratory Data

SDG ID: GCP28915
Phoenix ID: CP28917

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

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
Volatiles								
1,1,1,2-Tetrachloroethane	ND	1.0	0.25	ug/L	1	10/19/23	MH	SW8260D
1,1,1-Trichloroethane	ND	1.0	0.25	ug/L	1	10/19/23	MH	SW8260D
1,1,2,2-Tetrachloroethane	ND	0.50	0.25	ug/L	1	10/19/23	MH	SW8260D
1,1,2-Trichloroethane	ND	1.0	0.25	ug/L	1	10/19/23	MH	SW8260D
1,1-Dichloroethane	ND	1.0	0.25	ug/L	1	10/19/23	MH	SW8260D
1,1-Dichloroethene	ND	1.0	0.25	ug/L	1	10/19/23	MH	SW8260D
1,1-Dichloropropene	ND	1.0	0.25	ug/L	1	10/19/23	MH	SW8260D
1,2,3-Trichlorobenzene	ND	1.0	0.25	ug/L	1	10/19/23	MH	SW8260D
1,2,3-Trichloropropane	ND	1.0	0.25	ug/L	1	10/19/23	MH	SW8260D
1,2,4-Trichlorobenzene	ND	1.0	0.25	ug/L	1	10/19/23	MH	SW8260D
1,2,4-Trimethylbenzene	ND	1.0	0.25	ug/L	1	10/19/23	MH	SW8260D
1,2-Dibromo-3-chloropropane	ND	1.0	0.50	ug/L	1	10/19/23	MH	SW8260D
1,2-Dibromoethane	ND	1.0	0.25	ug/L	1	10/19/23	MH	SW8260D
1,2-Dichlorobenzene	ND	1.0	0.25	ug/L	1	10/19/23	MH	SW8260D
1,2-Dichloroethane	ND	0.60	0.25	ug/L	1	10/19/23	MH	SW8260D
1,2-Dichloropropane	ND	1.0	0.25	ug/L	1	10/19/23	MH	SW8260D
1,3,5-Trimethylbenzene	ND	1.0	0.25	ug/L	1	10/19/23	MH	SW8260D
1,3-Dichlorobenzene	ND	1.0	0.25	ug/L	1	10/19/23	MH	SW8260D
1,3-Dichloropropane	ND	1.0	0.25	ug/L	1	10/19/23	MH	SW8260D
1,4-Dichlorobenzene	ND	1.0	0.25	ug/L	1	10/19/23	MH	SW8260D
2,2-Dichloropropane	ND	1.0	0.25	ug/L	1	10/19/23	MH	SW8260D
2-Chlorotoluene	ND	1.0	0.25	ug/L	1	10/19/23	MH	SW8260D
2-Hexanone	ND	5.0	2.5	ug/L	1	10/19/23	MH	SW8260D
2-Isopropyltoluene	ND	1.0	0.25	ug/L	1	10/19/23	MH	SW8260D
4-Chlorotoluene	ND	1.0	0.25	ug/L	1	10/19/23	MH	SW8260D
4-Methyl-2-pentanone	ND	5.0	2.5	ug/L	1	10/19/23	MH	SW8260D

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
Acetone	ND	25	2.5	ug/L	1	10/19/23	MH	SW8260D
Acrylonitrile	ND	1.0	0.25	ug/L	1	10/19/23	MH	SW8260D
Benzene	ND	0.70	0.25	ug/L	1	10/19/23	MH	SW8260D
Bromobenzene	ND	1.0	0.25	ug/L	1	10/19/23	MH	SW8260D
Bromochloromethane	ND	1.0	0.25	ug/L	1	10/19/23	MH	SW8260D
Bromodichloromethane	ND	0.50	0.25	ug/L	1	10/19/23	MH	SW8260D
Bromoform	ND	1.0	0.25	ug/L	1	10/19/23	MH	SW8260D
Bromomethane	ND	1.0	0.25	ug/L	1	10/19/23	MH	SW8260D
Carbon Disulfide	ND	5.0	0.25	ug/L	1	10/19/23	MH	SW8260D
Carbon tetrachloride	ND	1.0	0.25	ug/L	1	10/19/23	MH	SW8260D
Chlorobenzene	ND	1.0	0.25	ug/L	1	10/19/23	MH	SW8260D
Chloroethane	ND	1.0	0.25	ug/L	1	10/19/23	MH	SW8260D
Chloroform	ND	1.0	0.25	ug/L	1	10/19/23	MH	SW8260D
Chloromethane	ND	1.0	0.25	ug/L	1	10/19/23	MH	SW8260D
cis-1,2-Dichloroethene	ND	1.0	0.25	ug/L	1	10/19/23	MH	SW8260D
cis-1,3-Dichloropropene	ND	0.40	0.25	ug/L	1	10/19/23	MH	SW8260D
Dibromochloromethane	ND	0.50	0.25	ug/L	1	10/19/23	MH	SW8260D
Dibromomethane	ND	1.0	0.25	ug/L	1	10/19/23	MH	SW8260D
Dichlorodifluoromethane	ND	1.0	0.25	ug/L	1	10/19/23	MH	SW8260D
Ethylbenzene	ND	1.0	0.25	ug/L	1	10/19/23	MH	SW8260D
Hexachlorobutadiene	ND	0.40	0.25	ug/L	1	10/19/23	MH	SW8260D
Isopropylbenzene	ND	1.0	0.25	ug/L	1	10/19/23	MH	SW8260D
m&p-Xylene	ND	1.0	0.25	ug/L	1	10/19/23	MH	SW8260D
Methyl ethyl ketone	ND	5.0	2.5	ug/L	1	10/19/23	MH	SW8260D
Methyl t-butyl ether (MTBE)	ND	1.0	0.25	ug/L	1	10/19/23	MH	SW8260D
Methylene chloride	ND	1.0	1.0	ug/L	1	10/19/23	MH	SW8260D
Naphthalene	ND	1.0	1.0	ug/L	1	10/19/23	MH	SW8260D
n-Butylbenzene	ND	1.0	0.25	ug/L	1	10/19/23	MH	SW8260D
n-Propylbenzene	ND	1.0	0.25	ug/L	1	10/19/23	MH	SW8260D
o-Xylene	ND	1.0	0.25	ug/L	1	10/19/23	MH	SW8260D
p-Isopropyltoluene	ND	1.0	0.25	ug/L	1	10/19/23	MH	SW8260D
sec-Butylbenzene	ND	1.0	0.25	ug/L	1	10/19/23	MH	SW8260D
Styrene	ND	1.0	0.25	ug/L	1	10/19/23	MH	SW8260D
tert-Butylbenzene	ND	1.0	0.25	ug/L	1	10/19/23	MH	SW8260D
Tetrachloroethene	ND	1.0	0.25	ug/L	1	10/19/23	MH	SW8260D
Tetrahydrofuran (THF)	ND	2.5	2.5	ug/L	1	10/19/23	MH	SW8260D
Toluene	ND	1.0	0.25	ug/L	1	10/19/23	MH	SW8260D
Total Xylenes	ND	1.0	1.0	ug/L	1	10/19/23	MH	SW8260D
trans-1,2-Dichloroethene	ND	1.0	0.25	ug/L	1	10/19/23	MH	SW8260D
trans-1,3-Dichloropropene	ND	0.40	0.25	ug/L	1	10/19/23	MH	SW8260D
trans-1,4-dichloro-2-butene	ND	5.0	2.5	ug/L	1	10/19/23	MH	SW8260D
Trichloroethene	ND	1.0	0.25	ug/L	1	10/19/23	MH	SW8260D
Trichlorofluoromethane	ND	1.0	0.25	ug/L	1	10/19/23	MH	SW8260D
Trichlorotrifluoroethane	ND	1.0	0.25	ug/L	1	10/19/23	MH	SW8260D
Vinyl chloride	ND	1.0	0.25	ug/L	1	10/19/23	MH	SW8260D
QA/QC Surrogates								
% 1,2-dichlorobenzene-d4	99			%	1	10/19/23	MH	70 - 130 %
% Bromofluorobenzene	96			%	1	10/19/23	MH	70 - 130 %
% Dibromofluoromethane	100			%	1	10/19/23	MH	70 - 130 %

B

1

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
% Toluene-d8	95			%	1	10/19/23	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.

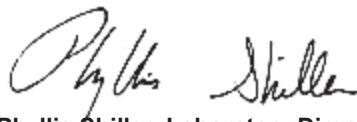
B = Present in blank, no bias suspected.

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:

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 08, 2023

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 Fax (860) 645-0823



Analysis Report

November 08, 2023

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:
Received by: CP
Analyzed by: see "By" below

Date Time
10/17/23 14:30
10/18/23 17:36

Laboratory Data

SDG ID: GCP28915
Phoenix ID: CP28918

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

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
Client MS/MSD	Completed					10/20/23		

Volatiles

1,1,1,2-Tetrachloroethane	ND	1.0	0.25	ug/L	1	10/19/23	MH	SW8260D
1,1,1-Trichloroethane	ND	1.0	0.25	ug/L	1	10/19/23	MH	SW8260D
1,1,2,2-Tetrachloroethane	ND	0.50	0.25	ug/L	1	10/19/23	MH	SW8260D
1,1,2-Trichloroethane	ND	1.0	0.25	ug/L	1	10/19/23	MH	SW8260D
1,1-Dichloroethane	ND	1.0	0.25	ug/L	1	10/19/23	MH	SW8260D
1,1-Dichloroethene	3.2	1.0	0.25	ug/L	1	10/19/23	MH	SW8260D
1,1-Dichloropropene	ND	1.0	0.25	ug/L	1	10/19/23	MH	SW8260D
1,2,3-Trichlorobenzene	ND	1.0	0.25	ug/L	1	10/19/23	MH	SW8260D
1,2,3-Trichloropropane	ND	1.0	0.25	ug/L	1	10/19/23	MH	SW8260D
1,2,4-Trichlorobenzene	ND	1.0	0.25	ug/L	1	10/19/23	MH	SW8260D
1,2,4-Trimethylbenzene	ND	1.0	0.25	ug/L	1	10/19/23	MH	SW8260D
1,2-Dibromo-3-chloropropane	ND	1.0	0.50	ug/L	1	10/19/23	MH	SW8260D
1,2-Dibromoethane	ND	1.0	0.25	ug/L	1	10/19/23	MH	SW8260D
1,2-Dichlorobenzene	ND	1.0	0.25	ug/L	1	10/19/23	MH	SW8260D
1,2-Dichloroethane	ND	0.60	0.25	ug/L	1	10/19/23	MH	SW8260D
1,2-Dichloropropane	ND	1.0	0.25	ug/L	1	10/19/23	MH	SW8260D
1,3,5-Trimethylbenzene	ND	1.0	0.25	ug/L	1	10/19/23	MH	SW8260D
1,3-Dichlorobenzene	ND	1.0	0.25	ug/L	1	10/19/23	MH	SW8260D
1,3-Dichloropropane	ND	1.0	0.25	ug/L	1	10/19/23	MH	SW8260D
1,4-Dichlorobenzene	ND	1.0	0.25	ug/L	1	10/19/23	MH	SW8260D
2,2-Dichloropropane	ND	1.0	0.25	ug/L	1	10/19/23	MH	SW8260D
2-Chlorotoluene	ND	1.0	0.25	ug/L	1	10/19/23	MH	SW8260D
2-Hexanone	ND	5.0	2.5	ug/L	1	10/19/23	MH	SW8260D
2-Isopropyltoluene	ND	1.0	0.25	ug/L	1	10/19/23	MH	SW8260D
4-Chlorotoluene	ND	1.0	0.25	ug/L	1	10/19/23	MH	SW8260D

Client ID: MW-3

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
4-Methyl-2-pentanone	ND	5.0	2.5	ug/L	1	10/19/23	MH	SW8260D
Acetone	ND	25	2.5	ug/L	1	10/19/23	MH	SW8260D
Acrylonitrile	ND	1.0	0.25	ug/L	1	10/19/23	MH	SW8260D
Benzene	ND	0.70	0.25	ug/L	1	10/19/23	MH	SW8260D
Bromobenzene	ND	1.0	0.25	ug/L	1	10/19/23	MH	SW8260D
Bromochloromethane	ND	1.0	0.25	ug/L	1	10/19/23	MH	SW8260D
Bromodichloromethane	ND	0.50	0.25	ug/L	1	10/19/23	MH	SW8260D
Bromoform	ND	1.0	0.25	ug/L	1	10/19/23	MH	SW8260D
Bromomethane	ND	1.0	0.25	ug/L	1	10/19/23	MH	SW8260D
Carbon Disulfide	ND	5.0	0.25	ug/L	1	10/19/23	MH	SW8260D
Carbon tetrachloride	ND	1.0	0.25	ug/L	1	10/19/23	MH	SW8260D
Chlorobenzene	ND	1.0	0.25	ug/L	1	10/19/23	MH	SW8260D
Chloroethane	ND	1.0	0.25	ug/L	1	10/19/23	MH	SW8260D
Chloroform	ND	1.0	0.25	ug/L	1	10/19/23	MH	SW8260D
Chloromethane	ND	1.0	0.25	ug/L	1	10/19/23	MH	SW8260D
cis-1,2-Dichloroethene	1100	D 40	10	ug/L	40	10/20/23	MH	SW8260D
cis-1,3-Dichloropropene	ND	0.40	0.25	ug/L	1	10/19/23	MH	SW8260D
Dibromochloromethane	ND	0.50	0.25	ug/L	1	10/19/23	MH	SW8260D
Dibromomethane	ND	1.0	0.25	ug/L	1	10/19/23	MH	SW8260D
Dichlorodifluoromethane	ND	1.0	0.25	ug/L	1	10/19/23	MH	SW8260D
Ethylbenzene	ND	1.0	0.25	ug/L	1	10/19/23	MH	SW8260D
Hexachlorobutadiene	ND	0.40	0.25	ug/L	1	10/19/23	MH	SW8260D
Isopropylbenzene	ND	1.0	0.25	ug/L	1	10/19/23	MH	SW8260D
m&p-Xylene	ND	1.0	0.25	ug/L	1	10/19/23	MH	SW8260D
Methyl ethyl ketone	ND	5.0	2.5	ug/L	1	10/19/23	MH	SW8260D
Methyl t-butyl ether (MTBE)	ND	1.0	0.25	ug/L	1	10/19/23	MH	SW8260D
Methylene chloride	ND	1.0	1.0	ug/L	1	10/19/23	MH	SW8260D
Naphthalene	ND	1.0	1.0	ug/L	1	10/19/23	MH	SW8260D
n-Butylbenzene	ND	1.0	0.25	ug/L	1	10/19/23	MH	SW8260D
n-Propylbenzene	ND	1.0	0.25	ug/L	1	10/19/23	MH	SW8260D
o-Xylene	ND	1.0	0.25	ug/L	1	10/19/23	MH	SW8260D
p-Isopropyltoluene	ND	1.0	0.25	ug/L	1	10/19/23	MH	SW8260D
sec-Butylbenzene	ND	1.0	0.25	ug/L	1	10/19/23	MH	SW8260D
Styrene	ND	1.0	0.25	ug/L	1	10/19/23	MH	SW8260D
tert-Butylbenzene	ND	1.0	0.25	ug/L	1	10/19/23	MH	SW8260D
Tetrachloroethene	140	5.0	1.3	ug/L	5	10/20/23	MH	SW8260D
Tetrahydrofuran (THF)	ND	2.5	2.5	ug/L	1	10/19/23	MH	SW8260D
Toluene	ND	1.0	0.25	ug/L	1	10/19/23	MH	SW8260D
Total Xylenes	ND	1.0	1.0	ug/L	1	10/19/23	MH	SW8260D
trans-1,2-Dichloroethene	13	1.0	0.25	ug/L	1	10/19/23	MH	SW8260D
trans-1,3-Dichloropropene	ND	0.40	0.25	ug/L	1	10/19/23	MH	SW8260D
trans-1,4-dichloro-2-butene	ND	5.0	2.5	ug/L	1	10/19/23	MH	SW8260D
Trichloroethene	180	D 5.0	1.3	ug/L	5	10/20/23	MH	SW8260D
Trichlorofluoromethane	ND	1.0	0.25	ug/L	1	10/19/23	MH	SW8260D
Trichlorotrifluoroethane	ND	1.0	0.25	ug/L	1	10/19/23	MH	SW8260D
Vinyl chloride	330	D 5.0	1.3	ug/L	5	10/20/23	MH	SW8260D
QA/QC Surrogates								
% 1,2-dichlorobenzene-d4	100			%	1	10/19/23	MH	70 - 130 %
% Bromofluorobenzene	96			%	1	10/19/23	MH	70 - 130 %

B

1

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
% Dibromofluoromethane	99			%	1	10/19/23	MH	70 - 130 %
% Toluene-d8	104			%	1	10/19/23	MH	70 - 130 %
% 1,2-dichlorobenzene-d4 (5x)	100			%	5	10/20/23	MH	70 - 130 %
% Bromofluorobenzene (5x)	98			%	5	10/20/23	MH	70 - 130 %
% Dibromofluoromethane (5x)	100			%	5	10/20/23	MH	70 - 130 %
% Toluene-d8 (5x)	97			%	5	10/20/23	MH	70 - 130 %
% 1,2-dichlorobenzene-d4 (40x)	100			%	40	10/20/23	MH	70 - 130 %
% Bromofluorobenzene (40x)	99			%	40	10/20/23	MH	70 - 130 %
% Dibromofluoromethane (40x)	101			%	40	10/20/23	MH	70 - 130 %
% Toluene-d8 (40x)	96			%	40	10/20/23	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.

B = Present in blank, no bias suspected.

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:

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 08, 2023

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 Fax (860) 645-0823



Analysis Report

November 08, 2023

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:
Received by: CP
Analyzed by: see "By" below

Date	Time
10/17/23	10:30
10/18/23	17:36

Laboratory Data

SDG ID: GCP28915
Phoenix ID: CP28919

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

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
Volatiles								
1,1,1,2-Tetrachloroethane	ND	1.0	0.25	ug/L	1	10/21/23	MH	SW8260D
1,1,1-Trichloroethane	ND	1.0	0.25	ug/L	1	10/21/23	MH	SW8260D
1,1,2,2-Tetrachloroethane	ND	0.50	0.25	ug/L	1	10/21/23	MH	SW8260D
1,1,2-Trichloroethane	ND	1.0	0.25	ug/L	1	10/21/23	MH	SW8260D
1,1-Dichloroethane	ND	1.0	0.25	ug/L	1	10/21/23	MH	SW8260D
1,1-Dichloroethene	ND	1.0	0.25	ug/L	1	10/21/23	MH	SW8260D
1,1-Dichloropropene	ND	1.0	0.25	ug/L	1	10/21/23	MH	SW8260D
1,2,3-Trichlorobenzene	ND	1.0	0.25	ug/L	1	10/21/23	MH	SW8260D
1,2,3-Trichloropropane	ND	1.0	0.25	ug/L	1	10/21/23	MH	SW8260D
1,2,4-Trichlorobenzene	ND	1.0	0.25	ug/L	1	10/21/23	MH	SW8260D
1,2,4-Trimethylbenzene	ND	1.0	0.25	ug/L	1	10/21/23	MH	SW8260D
1,2-Dibromo-3-chloropropane	ND	1.0	0.50	ug/L	1	10/21/23	MH	SW8260D
1,2-Dibromoethane	ND	1.0	0.25	ug/L	1	10/21/23	MH	SW8260D
1,2-Dichlorobenzene	ND	1.0	0.25	ug/L	1	10/21/23	MH	SW8260D
1,2-Dichloroethane	ND	0.60	0.25	ug/L	1	10/21/23	MH	SW8260D
1,2-Dichloropropane	ND	1.0	0.25	ug/L	1	10/21/23	MH	SW8260D
1,3,5-Trimethylbenzene	ND	1.0	0.25	ug/L	1	10/21/23	MH	SW8260D
1,3-Dichlorobenzene	ND	1.0	0.25	ug/L	1	10/21/23	MH	SW8260D
1,3-Dichloropropane	ND	1.0	0.25	ug/L	1	10/21/23	MH	SW8260D
1,4-Dichlorobenzene	ND	1.0	0.25	ug/L	1	10/21/23	MH	SW8260D
2,2-Dichloropropane	ND	1.0	0.25	ug/L	1	10/21/23	MH	SW8260D
2-Chlorotoluene	ND	1.0	0.25	ug/L	1	10/21/23	MH	SW8260D
2-Hexanone	ND	5.0	2.5	ug/L	1	10/21/23	MH	SW8260D
2-Isopropyltoluene	ND	1.0	0.25	ug/L	1	10/21/23	MH	SW8260D
4-Chlorotoluene	ND	1.0	0.25	ug/L	1	10/21/23	MH	SW8260D
4-Methyl-2-pentanone	ND	5.0	2.5	ug/L	1	10/21/23	MH	SW8260D

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
Acetone	ND	25	2.5	ug/L	1	10/21/23	MH	SW8260D
Acrylonitrile	ND	1.0	0.25	ug/L	1	10/21/23	MH	SW8260D
Benzene	ND	0.70	0.25	ug/L	1	10/21/23	MH	SW8260D
Bromobenzene	ND	1.0	0.25	ug/L	1	10/21/23	MH	SW8260D
Bromochloromethane	ND	1.0	0.25	ug/L	1	10/21/23	MH	SW8260D
Bromodichloromethane	ND	0.50	0.25	ug/L	1	10/21/23	MH	SW8260D
Bromoform	ND	1.0	0.25	ug/L	1	10/21/23	MH	SW8260D
Bromomethane	ND	1.0	0.25	ug/L	1	10/21/23	MH	SW8260D
Carbon Disulfide	ND	5.0	0.25	ug/L	1	10/21/23	MH	SW8260D
Carbon tetrachloride	ND	1.0	0.25	ug/L	1	10/21/23	MH	SW8260D
Chlorobenzene	ND	1.0	0.25	ug/L	1	10/21/23	MH	SW8260D
Chloroethane	ND	1.0	0.25	ug/L	1	10/21/23	MH	SW8260D
Chloroform	ND	1.0	0.25	ug/L	1	10/21/23	MH	SW8260D
Chloromethane	ND	1.0	0.25	ug/L	1	10/21/23	MH	SW8260D
cis-1,2-Dichloroethene	ND	1.0	0.25	ug/L	1	10/21/23	MH	SW8260D
cis-1,3-Dichloropropene	ND	0.40	0.25	ug/L	1	10/21/23	MH	SW8260D
Dibromochloromethane	ND	0.50	0.25	ug/L	1	10/21/23	MH	SW8260D
Dibromomethane	ND	1.0	0.25	ug/L	1	10/21/23	MH	SW8260D
Dichlorodifluoromethane	ND	1.0	0.25	ug/L	1	10/21/23	MH	SW8260D
Ethylbenzene	ND	1.0	0.25	ug/L	1	10/21/23	MH	SW8260D
Hexachlorobutadiene	ND	0.40	0.25	ug/L	1	10/21/23	MH	SW8260D
Isopropylbenzene	ND	1.0	0.25	ug/L	1	10/21/23	MH	SW8260D
m&p-Xylene	ND	1.0	0.25	ug/L	1	10/21/23	MH	SW8260D
Methyl ethyl ketone	ND	5.0	2.5	ug/L	1	10/21/23	MH	SW8260D
Methyl t-butyl ether (MTBE)	ND	1.0	0.25	ug/L	1	10/21/23	MH	SW8260D
Methylene chloride	ND	1.0	1.0	ug/L	1	10/21/23	MH	SW8260D
Naphthalene	ND	1.0	1.0	ug/L	1	10/21/23	MH	SW8260D
n-Butylbenzene	ND	1.0	0.25	ug/L	1	10/21/23	MH	SW8260D
n-Propylbenzene	ND	1.0	0.25	ug/L	1	10/21/23	MH	SW8260D
o-Xylene	ND	1.0	0.25	ug/L	1	10/21/23	MH	SW8260D
p-Isopropyltoluene	ND	1.0	0.25	ug/L	1	10/21/23	MH	SW8260D
sec-Butylbenzene	ND	1.0	0.25	ug/L	1	10/21/23	MH	SW8260D
Styrene	ND	1.0	0.25	ug/L	1	10/21/23	MH	SW8260D
tert-Butylbenzene	ND	1.0	0.25	ug/L	1	10/21/23	MH	SW8260D
Tetrachloroethene	ND	1.0	0.25	ug/L	1	10/21/23	MH	SW8260D
Tetrahydrofuran (THF)	ND	2.5	2.5	ug/L	1	10/21/23	MH	SW8260D
Toluene	ND	1.0	0.25	ug/L	1	10/21/23	MH	SW8260D
Total Xylenes	ND	1.0	1.0	ug/L	1	10/21/23	MH	SW8260D
trans-1,2-Dichloroethene	ND	1.0	0.25	ug/L	1	10/21/23	MH	SW8260D
trans-1,3-Dichloropropene	ND	0.40	0.25	ug/L	1	10/21/23	MH	SW8260D
trans-1,4-dichloro-2-butene	ND	5.0	2.5	ug/L	1	10/21/23	MH	SW8260D
Trichloroethene	ND	1.0	0.25	ug/L	1	10/21/23	MH	SW8260D
Trichlorofluoromethane	ND	1.0	0.25	ug/L	1	10/21/23	MH	SW8260D
Trichlorotrifluoroethane	ND	1.0	0.25	ug/L	1	10/21/23	MH	SW8260D
Vinyl chloride	ND	1.0	0.25	ug/L	1	10/21/23	MH	SW8260D
QA/QC Surrogates								
% 1,2-dichlorobenzene-d4	100			%	1	10/21/23	MH	70 - 130 %
% Bromofluorobenzene	99			%	1	10/21/23	MH	70 - 130 %
% Dibromofluoromethane	102			%	1	10/21/23	MH	70 - 130 %

B

1

Client ID: MW-4

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
% Toluene-d8	97			%	1	10/21/23	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.

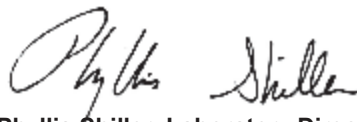
B = Present in blank, no bias suspected.

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:

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 08, 2023

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 Fax (860) 645-0823



Analysis Report

November 08, 2023

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:
Received by: CP
Analyzed by: see "By" below

Date Time
10/17/23 13:20
10/18/23 17:36

Laboratory Data

SDG ID: GCP28915
Phoenix ID: CP28920

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

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
Volatiles								
1,1,1,2-Tetrachloroethane	ND	1.0	0.25	ug/L	1	10/19/23	MH	SW8260D
1,1,1-Trichloroethane	ND	1.0	0.25	ug/L	1	10/19/23	MH	SW8260D
1,1,2,2-Tetrachloroethane	ND	0.50	0.25	ug/L	1	10/19/23	MH	SW8260D
1,1,2-Trichloroethane	ND	1.0	0.25	ug/L	1	10/19/23	MH	SW8260D
1,1-Dichloroethane	ND	1.0	0.25	ug/L	1	10/19/23	MH	SW8260D
1,1-Dichloroethene	ND	1.0	0.25	ug/L	1	10/19/23	MH	SW8260D
1,1-Dichloropropene	ND	1.0	0.25	ug/L	1	10/19/23	MH	SW8260D
1,2,3-Trichlorobenzene	ND	1.0	0.25	ug/L	1	10/19/23	MH	SW8260D
1,2,3-Trichloropropane	ND	1.0	0.25	ug/L	1	10/19/23	MH	SW8260D
1,2,4-Trichlorobenzene	ND	1.0	0.25	ug/L	1	10/19/23	MH	SW8260D
1,2,4-Trimethylbenzene	ND	1.0	0.25	ug/L	1	10/19/23	MH	SW8260D
1,2-Dibromo-3-chloropropane	ND	1.0	0.50	ug/L	1	10/19/23	MH	SW8260D
1,2-Dibromoethane	ND	1.0	0.25	ug/L	1	10/19/23	MH	SW8260D
1,2-Dichlorobenzene	ND	1.0	0.25	ug/L	1	10/19/23	MH	SW8260D
1,2-Dichloroethane	ND	0.60	0.25	ug/L	1	10/19/23	MH	SW8260D
1,2-Dichloropropane	ND	1.0	0.25	ug/L	1	10/19/23	MH	SW8260D
1,3,5-Trimethylbenzene	ND	1.0	0.25	ug/L	1	10/19/23	MH	SW8260D
1,3-Dichlorobenzene	ND	1.0	0.25	ug/L	1	10/19/23	MH	SW8260D
1,3-Dichloropropane	ND	1.0	0.25	ug/L	1	10/19/23	MH	SW8260D
1,4-Dichlorobenzene	ND	1.0	0.25	ug/L	1	10/19/23	MH	SW8260D
2,2-Dichloropropane	ND	1.0	0.25	ug/L	1	10/19/23	MH	SW8260D
2-Chlorotoluene	ND	1.0	0.25	ug/L	1	10/19/23	MH	SW8260D
2-Hexanone	ND	5.0	2.5	ug/L	1	10/19/23	MH	SW8260D
2-Isopropyltoluene	ND	1.0	0.25	ug/L	1	10/19/23	MH	SW8260D
4-Chlorotoluene	ND	1.0	0.25	ug/L	1	10/19/23	MH	SW8260D
4-Methyl-2-pentanone	ND	5.0	2.5	ug/L	1	10/19/23	MH	SW8260D

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
Acetone	ND	25	2.5	ug/L	1	10/19/23	MH	SW8260D
Acrylonitrile	ND	1.0	0.25	ug/L	1	10/19/23	MH	SW8260D
Benzene	ND	0.70	0.25	ug/L	1	10/19/23	MH	SW8260D
Bromobenzene	ND	1.0	0.25	ug/L	1	10/19/23	MH	SW8260D
Bromochloromethane	ND	1.0	0.25	ug/L	1	10/19/23	MH	SW8260D
Bromodichloromethane	ND	0.50	0.25	ug/L	1	10/19/23	MH	SW8260D
Bromoform	ND	1.0	0.25	ug/L	1	10/19/23	MH	SW8260D
Bromomethane	ND	1.0	0.25	ug/L	1	10/19/23	MH	SW8260D
Carbon Disulfide	ND	5.0	0.25	ug/L	1	10/19/23	MH	SW8260D
Carbon tetrachloride	ND	1.0	0.25	ug/L	1	10/19/23	MH	SW8260D
Chlorobenzene	ND	1.0	0.25	ug/L	1	10/19/23	MH	SW8260D
Chloroethane	ND	1.0	0.25	ug/L	1	10/19/23	MH	SW8260D
Chloroform	ND	1.0	0.25	ug/L	1	10/19/23	MH	SW8260D
Chloromethane	ND	1.0	0.25	ug/L	1	10/19/23	MH	SW8260D
cis-1,2-Dichloroethene	24	1.0	0.25	ug/L	1	10/19/23	MH	SW8260D
cis-1,3-Dichloropropene	ND	0.40	0.25	ug/L	1	10/19/23	MH	SW8260D
Dibromochloromethane	ND	0.50	0.25	ug/L	1	10/19/23	MH	SW8260D
Dibromomethane	ND	1.0	0.25	ug/L	1	10/19/23	MH	SW8260D
Dichlorodifluoromethane	ND	1.0	0.25	ug/L	1	10/19/23	MH	SW8260D
Ethylbenzene	ND	1.0	0.25	ug/L	1	10/19/23	MH	SW8260D
Hexachlorobutadiene	ND	0.40	0.25	ug/L	1	10/19/23	MH	SW8260D
Isopropylbenzene	ND	1.0	0.25	ug/L	1	10/19/23	MH	SW8260D
m&p-Xylene	ND	1.0	0.25	ug/L	1	10/19/23	MH	SW8260D
Methyl ethyl ketone	ND	5.0	2.5	ug/L	1	10/19/23	MH	SW8260D
Methyl t-butyl ether (MTBE)	ND	1.0	0.25	ug/L	1	10/19/23	MH	SW8260D
Methylene chloride	ND	1.0	1.0	ug/L	1	10/19/23	MH	SW8260D
Naphthalene	ND	1.0	1.0	ug/L	1	10/19/23	MH	SW8260D
n-Butylbenzene	ND	1.0	0.25	ug/L	1	10/19/23	MH	SW8260D
n-Propylbenzene	ND	1.0	0.25	ug/L	1	10/19/23	MH	SW8260D
o-Xylene	ND	1.0	0.25	ug/L	1	10/19/23	MH	SW8260D
p-Isopropyltoluene	ND	1.0	0.25	ug/L	1	10/19/23	MH	SW8260D
sec-Butylbenzene	ND	1.0	0.25	ug/L	1	10/19/23	MH	SW8260D
Styrene	ND	1.0	0.25	ug/L	1	10/19/23	MH	SW8260D
tert-Butylbenzene	ND	1.0	0.25	ug/L	1	10/19/23	MH	SW8260D
Tetrachloroethene	1.5	1.0	0.25	ug/L	1	10/19/23	MH	SW8260D
Tetrahydrofuran (THF)	ND	2.5	2.5	ug/L	1	10/19/23	MH	SW8260D
Toluene	ND	1.0	0.25	ug/L	1	10/19/23	MH	SW8260D
Total Xylenes	ND	1.0	1.0	ug/L	1	10/19/23	MH	SW8260D
trans-1,2-Dichloroethene	ND	1.0	0.25	ug/L	1	10/19/23	MH	SW8260D
trans-1,3-Dichloropropene	ND	0.40	0.25	ug/L	1	10/19/23	MH	SW8260D
trans-1,4-dichloro-2-butene	ND	5.0	2.5	ug/L	1	10/19/23	MH	SW8260D
Trichloroethene	1.0	1.0	0.25	ug/L	1	10/19/23	MH	SW8260D
Trichlorofluoromethane	ND	1.0	0.25	ug/L	1	10/19/23	MH	SW8260D
Trichlorotrifluoroethane	ND	1.0	0.25	ug/L	1	10/19/23	MH	SW8260D
Vinyl chloride	8.5	1.0	0.25	ug/L	1	10/19/23	MH	SW8260D
QA/QC Surrogates								
% 1,2-dichlorobenzene-d4	101			%	1	10/19/23	MH	70 - 130 %
% Bromofluorobenzene	96			%	1	10/19/23	MH	70 - 130 %
% Dibromofluoromethane	100			%	1	10/19/23	MH	70 - 130 %

B

1

Client ID: MW-5

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
% Toluene-d8	97			%	1	10/19/23	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.

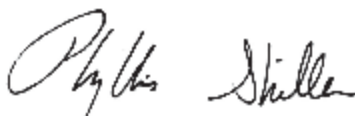
B = Present in blank, no bias suspected.

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:

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 08, 2023

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 Fax (860) 645-0823



Analysis Report

November 08, 2023

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:
Received by: CP
Analyzed by: see "By" below

Date Time
10/17/23 14:00
10/18/23 17:36

Laboratory Data

SDG ID: GCP28915
Phoenix ID: CP28921

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

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
Volatiles								
1,1,1,2-Tetrachloroethane	ND	1.0	0.25	ug/L	1	10/19/23	MH	SW8260D
1,1,1-Trichloroethane	ND	1.0	0.25	ug/L	1	10/19/23	MH	SW8260D
1,1,2,2-Tetrachloroethane	ND	0.50	0.25	ug/L	1	10/19/23	MH	SW8260D
1,1,2-Trichloroethane	ND	1.0	0.25	ug/L	1	10/19/23	MH	SW8260D
1,1-Dichloroethane	ND	1.0	0.25	ug/L	1	10/19/23	MH	SW8260D
1,1-Dichloroethene	ND	1.0	0.25	ug/L	1	10/19/23	MH	SW8260D
1,1-Dichloropropene	ND	1.0	0.25	ug/L	1	10/19/23	MH	SW8260D
1,2,3-Trichlorobenzene	ND	1.0	0.25	ug/L	1	10/19/23	MH	SW8260D
1,2,3-Trichloropropane	ND	1.0	0.25	ug/L	1	10/19/23	MH	SW8260D
1,2,4-Trichlorobenzene	ND	1.0	0.25	ug/L	1	10/19/23	MH	SW8260D
1,2,4-Trimethylbenzene	ND	1.0	0.25	ug/L	1	10/19/23	MH	SW8260D
1,2-Dibromo-3-chloropropane	ND	1.0	0.50	ug/L	1	10/19/23	MH	SW8260D
1,2-Dibromoethane	ND	1.0	0.25	ug/L	1	10/19/23	MH	SW8260D
1,2-Dichlorobenzene	ND	1.0	0.25	ug/L	1	10/19/23	MH	SW8260D
1,2-Dichloroethane	ND	0.60	0.25	ug/L	1	10/19/23	MH	SW8260D
1,2-Dichloropropane	ND	1.0	0.25	ug/L	1	10/19/23	MH	SW8260D
1,3,5-Trimethylbenzene	ND	1.0	0.25	ug/L	1	10/19/23	MH	SW8260D
1,3-Dichlorobenzene	ND	1.0	0.25	ug/L	1	10/19/23	MH	SW8260D
1,3-Dichloropropane	ND	1.0	0.25	ug/L	1	10/19/23	MH	SW8260D
1,4-Dichlorobenzene	ND	1.0	0.25	ug/L	1	10/19/23	MH	SW8260D
2,2-Dichloropropane	ND	1.0	0.25	ug/L	1	10/19/23	MH	SW8260D
2-Chlorotoluene	ND	1.0	0.25	ug/L	1	10/19/23	MH	SW8260D
2-Hexanone	ND	5.0	2.5	ug/L	1	10/19/23	MH	SW8260D
2-Isopropyltoluene	ND	1.0	0.25	ug/L	1	10/19/23	MH	SW8260D
4-Chlorotoluene	ND	1.0	0.25	ug/L	1	10/19/23	MH	SW8260D
4-Methyl-2-pentanone	ND	5.0	2.5	ug/L	1	10/19/23	MH	SW8260D

Client ID: MW-6

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
Acetone	ND	25	2.5	ug/L	1	10/19/23	MH	SW8260D
Acrylonitrile	ND	1.0	0.25	ug/L	1	10/19/23	MH	SW8260D
Benzene	ND	0.70	0.25	ug/L	1	10/19/23	MH	SW8260D
Bromobenzene	ND	1.0	0.25	ug/L	1	10/19/23	MH	SW8260D
Bromochloromethane	ND	1.0	0.25	ug/L	1	10/19/23	MH	SW8260D
Bromodichloromethane	ND	0.50	0.25	ug/L	1	10/19/23	MH	SW8260D
Bromoform	ND	1.0	0.25	ug/L	1	10/19/23	MH	SW8260D
Bromomethane	ND	1.0	0.25	ug/L	1	10/19/23	MH	SW8260D
Carbon Disulfide	ND	5.0	0.25	ug/L	1	10/19/23	MH	SW8260D
Carbon tetrachloride	ND	1.0	0.25	ug/L	1	10/19/23	MH	SW8260D
Chlorobenzene	ND	1.0	0.25	ug/L	1	10/19/23	MH	SW8260D
Chloroethane	ND	1.0	0.25	ug/L	1	10/19/23	MH	SW8260D
Chloroform	ND	1.0	0.25	ug/L	1	10/19/23	MH	SW8260D
Chloromethane	ND	1.0	0.25	ug/L	1	10/19/23	MH	SW8260D
cis-1,2-Dichloroethene	34	1.0	0.25	ug/L	1	10/19/23	MH	SW8260D
cis-1,3-Dichloropropene	ND	0.40	0.25	ug/L	1	10/19/23	MH	SW8260D
Dibromochloromethane	ND	0.50	0.25	ug/L	1	10/19/23	MH	SW8260D
Dibromomethane	ND	1.0	0.25	ug/L	1	10/19/23	MH	SW8260D
Dichlorodifluoromethane	ND	1.0	0.25	ug/L	1	10/19/23	MH	SW8260D
Ethylbenzene	ND	1.0	0.25	ug/L	1	10/19/23	MH	SW8260D
Hexachlorobutadiene	ND	0.40	0.25	ug/L	1	10/19/23	MH	SW8260D
Isopropylbenzene	ND	1.0	0.25	ug/L	1	10/19/23	MH	SW8260D
m&p-Xylene	ND	1.0	0.25	ug/L	1	10/19/23	MH	SW8260D
Methyl ethyl ketone	ND	5.0	2.5	ug/L	1	10/19/23	MH	SW8260D
Methyl t-butyl ether (MTBE)	ND	1.0	0.25	ug/L	1	10/19/23	MH	SW8260D
Methylene chloride	ND	1.0	1.0	ug/L	1	10/19/23	MH	SW8260D
Naphthalene	ND	1.0	1.0	ug/L	1	10/19/23	MH	SW8260D
n-Butylbenzene	ND	1.0	0.25	ug/L	1	10/19/23	MH	SW8260D
n-Propylbenzene	ND	1.0	0.25	ug/L	1	10/19/23	MH	SW8260D
o-Xylene	ND	1.0	0.25	ug/L	1	10/19/23	MH	SW8260D
p-Isopropyltoluene	ND	1.0	0.25	ug/L	1	10/19/23	MH	SW8260D
sec-Butylbenzene	ND	1.0	0.25	ug/L	1	10/19/23	MH	SW8260D
Styrene	ND	1.0	0.25	ug/L	1	10/19/23	MH	SW8260D
tert-Butylbenzene	ND	1.0	0.25	ug/L	1	10/19/23	MH	SW8260D
Tetrachloroethene	ND	1.0	0.25	ug/L	1	10/19/23	MH	SW8260D
Tetrahydrofuran (THF)	ND	2.5	2.5	ug/L	1	10/19/23	MH	SW8260D
Toluene	ND	1.0	0.25	ug/L	1	10/19/23	MH	SW8260D
Total Xylenes	ND	1.0	1.0	ug/L	1	10/19/23	MH	SW8260D
trans-1,2-Dichloroethene	ND	1.0	0.25	ug/L	1	10/19/23	MH	SW8260D
trans-1,3-Dichloropropene	ND	0.40	0.25	ug/L	1	10/19/23	MH	SW8260D
trans-1,4-dichloro-2-butene	ND	5.0	2.5	ug/L	1	10/19/23	MH	SW8260D
Trichloroethene	ND	1.0	0.25	ug/L	1	10/19/23	MH	SW8260D
Trichlorofluoromethane	ND	1.0	0.25	ug/L	1	10/19/23	MH	SW8260D
Trichlorotrifluoroethane	ND	1.0	0.25	ug/L	1	10/19/23	MH	SW8260D
Vinyl chloride	7.3	1.0	0.25	ug/L	1	10/19/23	MH	SW8260D
QA/QC Surrogates								
% 1,2-dichlorobenzene-d4	99			%	1	10/19/23	MH	70 - 130 %
% Bromofluorobenzene	97			%	1	10/19/23	MH	70 - 130 %
% Dibromofluoromethane	102			%	1	10/19/23	MH	70 - 130 %

B

1

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
% Toluene-d8	96			%	1	10/19/23	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.

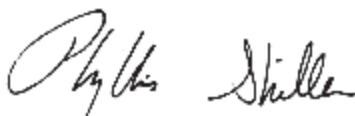
B = Present in blank, no bias suspected.

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:

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 08, 2023

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 Fax (860) 645-0823



Analysis Report

November 08, 2023

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:
Received by: CP
Analyzed by: see "By" below

Date Time
10/17/23 15:15
10/18/23 17:36

Laboratory Data

SDG ID: GCP28915
Phoenix ID: CP28922

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

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
Volatiles								
1,1,1,2-Tetrachloroethane	ND	20	5.0	ug/L	20	10/19/23	MH	SW8260D
1,1,1-Trichloroethane	ND	20	5.0	ug/L	20	10/19/23	MH	SW8260D
1,1,2,2-Tetrachloroethane	ND	10	5.0	ug/L	20	10/19/23	MH	SW8260D
1,1,2-Trichloroethane	ND	20	5.0	ug/L	20	10/19/23	MH	SW8260D
1,1-Dichloroethane	ND	20	5.0	ug/L	20	10/19/23	MH	SW8260D
1,1-Dichloroethene	ND	20	5.0	ug/L	20	10/19/23	MH	SW8260D
1,1-Dichloropropene	ND	20	5.0	ug/L	20	10/19/23	MH	SW8260D
1,2,3-Trichlorobenzene	ND	20	5.0	ug/L	20	10/19/23	MH	SW8260D
1,2,3-Trichloropropane	ND	20	5.0	ug/L	20	10/19/23	MH	SW8260D
1,2,4-Trichlorobenzene	ND	20	5.0	ug/L	20	10/19/23	MH	SW8260D
1,2,4-Trimethylbenzene	ND	20	5.0	ug/L	20	10/19/23	MH	SW8260D
1,2-Dibromo-3-chloropropane	ND	20	10	ug/L	20	10/19/23	MH	SW8260D
1,2-Dibromoethane	ND	20	5.0	ug/L	20	10/19/23	MH	SW8260D
1,2-Dichlorobenzene	ND	20	5.0	ug/L	20	10/19/23	MH	SW8260D
1,2-Dichloroethane	ND	12	5.0	ug/L	20	10/19/23	MH	SW8260D
1,2-Dichloropropane	ND	20	5.0	ug/L	20	10/19/23	MH	SW8260D
1,3,5-Trimethylbenzene	ND	20	5.0	ug/L	20	10/19/23	MH	SW8260D
1,3-Dichlorobenzene	ND	20	5.0	ug/L	20	10/19/23	MH	SW8260D
1,3-Dichloropropane	ND	20	5.0	ug/L	20	10/19/23	MH	SW8260D
1,4-Dichlorobenzene	ND	20	5.0	ug/L	20	10/19/23	MH	SW8260D
2,2-Dichloropropane	ND	20	5.0	ug/L	20	10/19/23	MH	SW8260D
2-Chlorotoluene	ND	20	5.0	ug/L	20	10/19/23	MH	SW8260D
2-Hexanone	ND	100	50	ug/L	20	10/19/23	MH	SW8260D
2-Isopropyltoluene	ND	20	5.0	ug/L	20	10/19/23	MH	SW8260D
4-Chlorotoluene	ND	20	5.0	ug/L	20	10/19/23	MH	SW8260D
4-Methyl-2-pentanone	ND	100	50	ug/L	20	10/19/23	MH	SW8260D

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
Acetone	ND	500	50	ug/L	20	10/19/23	MH	SW8260D
Acrylonitrile	ND	20	5.0	ug/L	20	10/19/23	MH	SW8260D
Benzene	ND	14	5.0	ug/L	20	10/19/23	MH	SW8260D
Bromobenzene	ND	20	5.0	ug/L	20	10/19/23	MH	SW8260D
Bromochloromethane	ND	20	5.0	ug/L	20	10/19/23	MH	SW8260D
Bromodichloromethane	ND	10	5.0	ug/L	20	10/19/23	MH	SW8260D
Bromoform	ND	20	5.0	ug/L	20	10/19/23	MH	SW8260D
Bromomethane	ND	20	5.0	ug/L	20	10/19/23	MH	SW8260D
Carbon Disulfide	ND	100	5.0	ug/L	20	10/19/23	MH	SW8260D
Carbon tetrachloride	ND	20	5.0	ug/L	20	10/19/23	MH	SW8260D
Chlorobenzene	ND	20	5.0	ug/L	20	10/19/23	MH	SW8260D
Chloroethane	ND	20	5.0	ug/L	20	10/19/23	MH	SW8260D
Chloroform	ND	20	5.0	ug/L	20	10/19/23	MH	SW8260D
Chloromethane	ND	20	5.0	ug/L	20	10/19/23	MH	SW8260D
cis-1,2-Dichloroethene	2900	D 200	50	ug/L	200	10/20/23	MH	SW8260D
cis-1,3-Dichloropropene	ND	8.0	5.0	ug/L	20	10/19/23	MH	SW8260D
Dibromochloromethane	ND	10	5.0	ug/L	20	10/19/23	MH	SW8260D
Dibromomethane	ND	20	5.0	ug/L	20	10/19/23	MH	SW8260D
Dichlorodifluoromethane	ND	20	5.0	ug/L	20	10/19/23	MH	SW8260D
Ethylbenzene	ND	20	5.0	ug/L	20	10/19/23	MH	SW8260D
Hexachlorobutadiene	ND	8.0	5.0	ug/L	20	10/19/23	MH	SW8260D
Isopropylbenzene	ND	20	5.0	ug/L	20	10/19/23	MH	SW8260D
m&p-Xylene	ND	20	5.0	ug/L	20	10/19/23	MH	SW8260D
Methyl ethyl ketone	ND	100	50	ug/L	20	10/19/23	MH	SW8260D
Methyl t-butyl ether (MTBE)	ND	20	5.0	ug/L	20	10/19/23	MH	SW8260D
Methylene chloride	ND	20	20	ug/L	20	10/19/23	MH	SW8260D
Naphthalene	ND	20	20	ug/L	20	10/19/23	MH	SW8260D
n-Butylbenzene	ND	20	5.0	ug/L	20	10/19/23	MH	SW8260D
n-Propylbenzene	ND	20	5.0	ug/L	20	10/19/23	MH	SW8260D
o-Xylene	ND	20	5.0	ug/L	20	10/19/23	MH	SW8260D
p-Isopropyltoluene	ND	20	5.0	ug/L	20	10/19/23	MH	SW8260D
sec-Butylbenzene	ND	20	5.0	ug/L	20	10/19/23	MH	SW8260D
Styrene	ND	20	5.0	ug/L	20	10/19/23	MH	SW8260D
tert-Butylbenzene	ND	20	5.0	ug/L	20	10/19/23	MH	SW8260D
Tetrachloroethene	5800	D 200	50	ug/L	200	10/20/23	MH	SW8260D
Tetrahydrofuran (THF)	ND	50	50	ug/L	20	10/19/23	MH	SW8260D
Toluene	ND	20	5.0	ug/L	20	10/19/23	MH	SW8260D
Total Xylenes	ND	20	20	ug/L	20	10/19/23	MH	SW8260D
trans-1,2-Dichloroethene	29	20	5.0	ug/L	20	10/19/23	MH	SW8260D
trans-1,3-Dichloropropene	ND	8.0	5.0	ug/L	20	10/19/23	MH	SW8260D
trans-1,4-dichloro-2-butene	ND	100	50	ug/L	20	10/19/23	MH	SW8260D
Trichloroethene	2200	D 200	50	ug/L	200	10/20/23	MH	SW8260D
Trichlorofluoromethane	ND	20	5.0	ug/L	20	10/19/23	MH	SW8260D
Trichlorotrifluoroethane	ND	20	5.0	ug/L	20	10/19/23	MH	SW8260D
Vinyl chloride	370	20	5.0	ug/L	20	10/19/23	MH	SW8260D
<u>QA/QC Surrogates</u>								
% 1,2-dichlorobenzene-d4 (20x)	100			%	20	10/19/23	MH	70 - 130 %
% Bromofluorobenzene (20x)	97			%	20	10/19/23	MH	70 - 130 %
% Dibromofluoromethane (20x)	98			%	20	10/19/23	MH	70 - 130 %

B

1

Client ID: MW-1, DUP

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
% Toluene-d8 (20x)	101			%	20	10/19/23	MH	70 - 130 %
% 1,2-dichlorobenzene-d4 (200x)	102			%	200	10/20/23	MH	70 - 130 %
% Bromofluorobenzene (200x)	99			%	200	10/20/23	MH	70 - 130 %
% Dibromofluoromethane (200x)	102			%	200	10/20/23	MH	70 - 130 %
% Toluene-d8 (200x)	96			%	200	10/20/23	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.

B = Present in blank, no bias suspected.

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

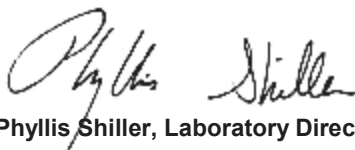
QA/QC Surrogates: Surrogates are compounds (preceded with a %) added by the lab to determine analysis efficiency. Surrogate results(%) listed in the report are not "detected" compounds.

Comments:

Volatile Comment:

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

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 08, 2023

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 Fax (860) 645-0823



Analysis Report

November 08, 2023

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:
Received by: CP
Analyzed by: see "By" below

Date: 10/17/23
Time: 17:36

Laboratory Data

SDG ID: GCP28915
Phoenix ID: CP28923

Project ID: FORMER ROXY CLEANERS SITE
Client ID: TRANSPORT BLANK

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
Volatiles								
1,1,1,2-Tetrachloroethane	ND	1.0	0.25	ug/L	1	10/19/23	MH	SW8260D
1,1,1-Trichloroethane	ND	1.0	0.25	ug/L	1	10/19/23	MH	SW8260D
1,1,2,2-Tetrachloroethane	ND	0.50	0.25	ug/L	1	10/19/23	MH	SW8260D
1,1,2-Trichloroethane	ND	1.0	0.25	ug/L	1	10/19/23	MH	SW8260D
1,1-Dichloroethane	ND	1.0	0.25	ug/L	1	10/19/23	MH	SW8260D
1,1-Dichloroethene	ND	1.0	0.25	ug/L	1	10/19/23	MH	SW8260D
1,1-Dichloropropene	ND	1.0	0.25	ug/L	1	10/19/23	MH	SW8260D
1,2,3-Trichlorobenzene	ND	1.0	0.25	ug/L	1	10/19/23	MH	SW8260D
1,2,3-Trichloropropane	ND	1.0	0.25	ug/L	1	10/19/23	MH	SW8260D
1,2,4-Trichlorobenzene	ND	1.0	0.25	ug/L	1	10/19/23	MH	SW8260D
1,2,4-Trimethylbenzene	ND	1.0	0.25	ug/L	1	10/19/23	MH	SW8260D
1,2-Dibromo-3-chloropropane	ND	1.0	0.50	ug/L	1	10/19/23	MH	SW8260D
1,2-Dibromoethane	ND	1.0	0.25	ug/L	1	10/19/23	MH	SW8260D
1,2-Dichlorobenzene	ND	1.0	0.25	ug/L	1	10/19/23	MH	SW8260D
1,2-Dichloroethane	ND	0.60	0.25	ug/L	1	10/19/23	MH	SW8260D
1,2-Dichloropropane	ND	1.0	0.25	ug/L	1	10/19/23	MH	SW8260D
1,3,5-Trimethylbenzene	ND	1.0	0.25	ug/L	1	10/19/23	MH	SW8260D
1,3-Dichlorobenzene	ND	1.0	0.25	ug/L	1	10/19/23	MH	SW8260D
1,3-Dichloropropane	ND	1.0	0.25	ug/L	1	10/19/23	MH	SW8260D
1,4-Dichlorobenzene	ND	1.0	0.25	ug/L	1	10/19/23	MH	SW8260D
2,2-Dichloropropane	ND	1.0	0.25	ug/L	1	10/19/23	MH	SW8260D
2-Chlorotoluene	ND	1.0	0.25	ug/L	1	10/19/23	MH	SW8260D
2-Hexanone	ND	5.0	2.5	ug/L	1	10/19/23	MH	SW8260D
2-Isopropyltoluene	ND	1.0	0.25	ug/L	1	10/19/23	MH	SW8260D
4-Chlorotoluene	ND	1.0	0.25	ug/L	1	10/19/23	MH	SW8260D
4-Methyl-2-pentanone	ND	5.0	2.5	ug/L	1	10/19/23	MH	SW8260D

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
Acetone	ND	25	2.5	ug/L	1	10/19/23	MH	SW8260D
Acrylonitrile	ND	1.0	0.25	ug/L	1	10/19/23	MH	SW8260D
Benzene	ND	0.70	0.25	ug/L	1	10/19/23	MH	SW8260D
Bromobenzene	ND	1.0	0.25	ug/L	1	10/19/23	MH	SW8260D
Bromochloromethane	ND	1.0	0.25	ug/L	1	10/19/23	MH	SW8260D
Bromodichloromethane	ND	0.50	0.25	ug/L	1	10/19/23	MH	SW8260D
Bromoform	ND	1.0	0.25	ug/L	1	10/19/23	MH	SW8260D
Bromomethane	ND	1.0	0.25	ug/L	1	10/19/23	MH	SW8260D
Carbon Disulfide	ND	5.0	0.25	ug/L	1	10/19/23	MH	SW8260D
Carbon tetrachloride	ND	1.0	0.25	ug/L	1	10/19/23	MH	SW8260D
Chlorobenzene	ND	1.0	0.25	ug/L	1	10/19/23	MH	SW8260D
Chloroethane	ND	1.0	0.25	ug/L	1	10/19/23	MH	SW8260D
Chloroform	ND	1.0	0.25	ug/L	1	10/19/23	MH	SW8260D
Chloromethane	ND	1.0	0.25	ug/L	1	10/19/23	MH	SW8260D
cis-1,2-Dichloroethene	ND	1.0	0.25	ug/L	1	10/19/23	MH	SW8260D
cis-1,3-Dichloropropene	ND	0.40	0.25	ug/L	1	10/19/23	MH	SW8260D
Dibromochloromethane	ND	0.50	0.25	ug/L	1	10/19/23	MH	SW8260D
Dibromomethane	ND	1.0	0.25	ug/L	1	10/19/23	MH	SW8260D
Dichlorodifluoromethane	ND	1.0	0.25	ug/L	1	10/19/23	MH	SW8260D
Ethylbenzene	ND	1.0	0.25	ug/L	1	10/19/23	MH	SW8260D
Hexachlorobutadiene	ND	0.40	0.25	ug/L	1	10/19/23	MH	SW8260D
Isopropylbenzene	ND	1.0	0.25	ug/L	1	10/19/23	MH	SW8260D
m&p-Xylene	ND	1.0	0.25	ug/L	1	10/19/23	MH	SW8260D
Methyl ethyl ketone	ND	5.0	2.5	ug/L	1	10/19/23	MH	SW8260D
Methyl t-butyl ether (MTBE)	ND	1.0	0.25	ug/L	1	10/19/23	MH	SW8260D
Methylene chloride	ND	1.0	1.0	ug/L	1	10/19/23	MH	SW8260D
Naphthalene	ND	1.0	1.0	ug/L	1	10/19/23	MH	SW8260D
n-Butylbenzene	ND	1.0	0.25	ug/L	1	10/19/23	MH	SW8260D
n-Propylbenzene	ND	1.0	0.25	ug/L	1	10/19/23	MH	SW8260D
o-Xylene	ND	1.0	0.25	ug/L	1	10/19/23	MH	SW8260D
p-Isopropyltoluene	ND	1.0	0.25	ug/L	1	10/19/23	MH	SW8260D
sec-Butylbenzene	ND	1.0	0.25	ug/L	1	10/19/23	MH	SW8260D
Styrene	ND	1.0	0.25	ug/L	1	10/19/23	MH	SW8260D
tert-Butylbenzene	ND	1.0	0.25	ug/L	1	10/19/23	MH	SW8260D
Tetrachloroethene	ND	1.0	0.25	ug/L	1	10/19/23	MH	SW8260D
Tetrahydrofuran (THF)	ND	2.5	2.5	ug/L	1	10/19/23	MH	SW8260D
Toluene	ND	1.0	0.25	ug/L	1	10/19/23	MH	SW8260D
Total Xylenes	ND	1.0	1.0	ug/L	1	10/19/23	MH	SW8260D
trans-1,2-Dichloroethene	ND	1.0	0.25	ug/L	1	10/19/23	MH	SW8260D
trans-1,3-Dichloropropene	ND	0.40	0.25	ug/L	1	10/19/23	MH	SW8260D
trans-1,4-dichloro-2-butene	ND	5.0	2.5	ug/L	1	10/19/23	MH	SW8260D
Trichloroethene	ND	1.0	0.25	ug/L	1	10/19/23	MH	SW8260D
Trichlorofluoromethane	ND	1.0	0.25	ug/L	1	10/19/23	MH	SW8260D
Trichlorotrifluoroethane	ND	1.0	0.25	ug/L	1	10/19/23	MH	SW8260D
Vinyl chloride	ND	1.0	0.25	ug/L	1	10/19/23	MH	SW8260D
QA/QC Surrogates								
% 1,2-dichlorobenzene-d4	101			%	1	10/19/23	MH	70 - 130 %
% Bromofluorobenzene	97			%	1	10/19/23	MH	70 - 130 %
% Dibromofluoromethane	101			%	1	10/19/23	MH	70 - 130 %

B

1

Client ID: TRANSPORT BLANK

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
% Toluene-d8	96			%	1	10/19/23	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.

B = Present in blank, no bias suspected.

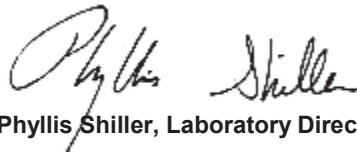
RL/PQL=Reporting/Practical Quantitation Level (Equivalent to NELAC LOQ, Limit of Quantitation) ND=Not Detected BRL=Below Reporting Level L=Biased Low LOD=Limit of Detection MDL=Method Detection Limit

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:

TRIP BLANK INCLUDED.

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 08, 2023

Reviewed and Released by: Rashmi Makol, Project Manager

VOC Data Section



Geology

Hydrology

Remediation

Water Supply

**QA/QC Review of Method 8260D Volatiles Data
for Phoenix Environmental Laboratories, Inc.
SDG Number: GCP28915**

**7 Ground Water Samples, 1 Field Duplicate,
and 1 Transport Blank
Collected October 17, 2023**

Prepared by: Donald Anné
November 15, 2023

Holding Times: The samples were analyzed within USEPA holding times.

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

Initial Calibration: The average RRF for acetone was below the method minimum, but not below 0.010 for CHEM23 on 10-18-23. The %RSDs for bromomethane and 1,2-dibromo-3-chloropropane were above the method maximum for CHEM31 on 10-18-21. No action is taken when fewer than 20% of the compounds per calibration do not meet either method %RSD or average RRF criteria, provided the average RRFs are not below 0.010.

The average RRFs for target compounds were above the allowable minimum (0.010) and the %RSDs were below the allowable maximum (30%), as required.

Continuing Calibration: The RRF for acetone was below the method minimum, but not below 0.010 on 10-19-23 (1019_03.D). The RRF for acetone was below the method minimum, but not below 0.010 on 10-20-23 (1020_03.D). The RRF for acetone was below the method minimum, but not below 0.010 on 10-20-23 (1020_36.D). The %D for 2,2-dichloropropane was above the method maximum on 10-20-23 (1020_36.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 RRFs for target compounds were above the allowable minimum (0.010), as required.

The %D for 2,2-dichloropropane was above the allowable maximum (20%) on 10-20-23 (1020_36.D). Positive results for 2,2-dichloropropane should be considered estimated (J) in associated samples.

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

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

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

Matrix Spike/Matrix Spike Duplicate: The relative percent differences for applicable target compounds were below the allowable maximum and the percent recoveries were within QC limits for aqueous MS/MSD sample MW-3.

Laboratory Control Sample: The relative percent differences for target compounds were below the allowable maximum and the percent recoveries were within QC limits for aqueous samples CP28918 LCS and CP28919 LCS.

Field Duplicates: The relative percent differences for applicable compounds were below the allowable maximum (20%) for aqueous field duplicate pair MW-1/MW-1, DUP (attached table), as required.

Compound ID: Checked compounds and surrogates were within GC/MS quantitation limits. The mass spectra for detected compounds contained the primary and secondary ions, as outlined in the method.

6B
VOLATILE ORGANICS INITIAL CALIBRATION DATA

Lab Name: Phoenix Environmental Labs Client: HENNESSY

Lab Code: Phoenix Case No.: _____ SAS No.: _____ SDG No.: GCP28915

Instrument ID: CHEM23 Calibration Date(s): 10/18/23 10/18/23

Heated Purge (Y/N): N Calibration Time(s): 10:05 11:47

GC Column: _____ Method File: VOA23_101823.M

LAB FILE ID:

RRF 0.5	1018_09.D	RRF 5	1018_10.D	RRF 10	1018_11.D	RRF 20	1018_12.D
RRF 50	1018_13.D	RRF 100	1018_14.D				

COMPOUND		RRF 0.5	RRF 5	RRF 10	RRF 20	RRF 50	RRF 100			RRF	% RSD	% RSD LIMITS
Dichlorodifluoromethane		0.373	0.476	0.500	0.475	0.516	0.504			0.474	11.0	20 (40)
Chloromethane		0.363	0.536	0.564	0.521	0.565	0.563			0.519	15.1	20 (40)
Vinyl Chloride		0.342	0.418	0.441	0.425	0.455	0.449			0.422	9.8	20 (30)
Bromomethane		0.293	0.176	0.189	0.156	0.171	0.171			0.193	26.1 +	20 (40)
Chloroethane		0.201	0.201	0.208	0.198	0.201				0.202	1.9	20 (40)
Trichlorofluoromethane		0.528	0.599	0.625	0.582	0.625	0.592			0.592	6.1	20 (40)
1,1-Dichloroethene		0.226	0.273	0.289	0.267	0.286	0.284			0.271	8.7	20 (30)
Trichlorotrifluoroethane		0.210	0.258	0.269	0.244	0.262	0.248			0.248	8.4	20 (40)
Carbon Disulfide		0.729	0.712	0.768	0.738	0.811	0.792			0.758	5.1	20 (40)
Methylene Chloride		0.313	0.293	0.297	0.284	0.296	0.294			0.296	3.2	20 (40)
Acetone	*		0.086	0.080	0.074	0.075	0.074			0.078	6.7	20 (40)
Trans-1,2-Dichloroethene		0.265	0.288	0.309	0.291	0.307	0.302			0.294	5.5	20 (40)
Methyl t-Butyl Ether (MTBE)		0.686	0.783	0.809	0.785	0.812	0.788			0.777	6.0	20 (40)
1,1-Dichloroethane		0.528	0.599	0.599	0.577	0.603	0.584			0.582	4.9	20 (40)
Acrylonitrile		0.085	0.087	0.091	0.085	0.094	0.092			0.089	4.4	20 (40)
Cis-1,2-Dichloroethene		0.361	0.394	0.442	0.397	0.370	0.355			0.387	8.3	20 (40)
2,2-Dichloropropane		0.476	0.564	0.591	0.583	0.632	0.607			0.576	9.3	20 (40)
Bromochloromethane		0.157	0.198	0.198	0.190	0.197	0.185			0.188	8.4	20 (40)
Chloroform		0.695	0.781	0.803	0.752	0.775	0.731			0.756	5.1	20 (30)
Carbon Tetrachloride		0.380	0.531	0.556	0.535	0.579	0.562			0.524	13.9	20 (40)
Tetrahydrofuran (THF)			0.106	0.103	0.101	0.103	0.098			0.102	2.7	20 (40)
1,1,1-Trichloroethane		0.568	0.670	0.704	0.663	0.700	0.674			0.663	7.5	20 (40)
Methyl Ethyl Ketone			0.165	0.164	0.155	0.165	0.161			0.162	2.5	20 (40)
1,1-Dichloropropene		0.348	0.398	0.425	0.400	0.421	0.414			0.401	7.1	20 (40)
Benzene		0.930	1.032	1.069	1.026	1.065	1.009			1.022	4.9	20 (40)
1,2-Dichloroethane		0.360	0.423	0.428	0.412	0.427	0.418			0.411	6.3	20 (40)
Trichloroethene		0.250	0.274	0.286	0.270	0.286	0.275			0.274	4.8	20 (40)
Dibromomethane		0.160	0.161	0.171	0.168	0.178	0.180			0.169	4.9	20 (40)
1,2-dichloropropane		0.239	0.280	0.288	0.278	0.294	0.291			0.278	7.2	20 (30)
Bromodichloromethane		0.266	0.331	0.349	0.361	0.388	0.385			0.346	13.0	20 (40)
cis-1,3-Dichloropropene		0.310	0.385	0.416	0.426	0.458	0.457			0.409	13.6	20 (40)
Toluene		0.619	0.686	0.703	0.690	0.712	0.689			0.683	4.8	20 (30)
4-Methyl-2-Pentanone			0.227	0.244	0.245	0.269	0.271			0.251	7.5	20 (40)
Tetrachloroethene		0.209	0.261	0.275	0.256	0.272	0.262			0.256	9.4	20 (40)
trans-1,3-Dichloropropene		0.263	0.325	0.369	0.371	0.413	0.407			0.358	15.7	20 (40)
1,1,2-Trichloroethane		0.173	0.215	0.224	0.223	0.236	0.235			0.218	10.8	20 (40)
Dibromochloromethane		0.183	0.241	0.261	0.262	0.285	0.283			0.252	14.9	20 (40)
1,3-Dichloropropane		0.325	0.408	0.418	0.398	0.410	0.389			0.391	8.7	20 (40)
1,2-Dibromoethane		0.198	0.243	0.258	0.242	0.255	0.248			0.241	9.2	20 (40)
2-Hexanone			0.156	0.169	0.168	0.188	0.187			0.173	7.7	20 (40)
Chlorobenzene		0.725	0.762	0.788	0.744	0.754	0.694			0.744	4.4	20 (40)
Ethylbenzene		0.368	0.413	0.427	0.404	0.411	0.378			0.400	5.7	20 (30)
1,1,1,2-Tetrachloroethane		0.212	0.252	0.270	0.262	0.276	0.265			0.256	9.1	20 (40)
m&p-Xylene		0.414	0.500	0.509	0.483	0.484	0.428			0.470	8.4	20 (40)
o-Xylene		0.355	0.460	0.486	0.465	0.495	0.464			0.454	11.1	20 (40)
Styrene		0.652	0.763	0.831	0.808	0.811	0.746			0.769	8.5	20 (40)
Bromoform		0.110	0.152	0.166	0.167	0.195	0.196			0.164	19.4	20 (40)
Isopropylbenzene		0.524	0.618	0.666	0.642	0.677	0.630			0.626	8.7	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

Lab Name: Phoenix Environmental Labs

Client: HENNESSY

Lab Code: Phoenix Case No.: SAS No.: SDG No.: GCP28915

Instrument ID: CHEM23 Calibration Date(s): 10/18/23 10/18/23

Heated Purge (Y/N):	N	Calibration Time(s):	10:05	11:47

GC Column: Method File: VOA23_101823.M

LAB FILE ID:

RRF 0.5	1018_09.D	RRF 5	1018_10.D	RRF 10	1018_11.D	RRF 20	1018_12.D
RRF 50	1018_13.D	RRF 100	1018_14.D				

[illegible]

(*) 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

7A
VOLATILE CONTINUING CALIBRATION CHECK

Lab Name: Phoenix Environmental Labs Client: HENNESSY

Lab Code: Phoenix Case No.: SAS No.: SDG No.: GCP28915

Instrument: CHEM23 Calibration Date: 10/19/23 Time: 07:01

Lab File Id: 1019_03.D Init. Calib. Date(s): 10/18/23 10/18/23

Heated Purge (Y/N): N Init. Calib. Times: 10:05 11:47

GC Column: RTX-VMS Method File: VOA23_101823.M

COMPOUND	RRF	RRF50	RRF MIN	%D	% D LIMITS
Pentafluorobenzene (IS Area/Area%)	318388	312763	n.a.	98.2	50-200
1,4-Difluorobenzene (IS Area/Area%)	447014	437737	n.a.	97.9	50-200
Chlorobenzene-d5 (IS Area/Area%)	436047	418440	n.a.	96.0	50-200
1,4-Dichlorobenzene-d4 (IS Area/Area%)	225638	219797	n.a.	97.4	50-200
1,4-Dioxane d8 (IS Area/Area%)	13259	11478	n.a.	86.6	n.a.
Dichlorodifluoromethane	0.474	0.478	0.100	-0.8	20 (60)
Chloromethane	0.519	0.528	0.100	-1.7	20 (60)
Vinyl Chloride	0.422	0.414	0.100	1.9	20 (40)
Bromomethane	0.193	0.198	0.100	-2.6	20 (60)
Chloroethane	0.202	0.205	0.100	-1.5	20 (40)
Trichlorofluoromethane	0.592	0.575	0.100	2.9	20 (40)
1,1-Dichloroethene	0.271	0.267	0.100	1.5	20 (40)
Trichlorotrifluoroethane	0.248	0.235	0.050	5.2	20 (40)
Carbon Disulfide	0.758	0.754	0.100	0.5	20 (40)
Methylene Chloride	0.296	0.294	0.100	0.7	20 (40)
Acetone	0.078	0.068	* 0.100	12.8	20 (60)
Trans-1,2-Dichloroethene	0.294	0.297	0.100	-1.0	20 (40)
Methyl t-Butyl Ether (MTBE)	0.777	0.795	0.100	-2.3	20 (40)
1,1-Dichloroethane	0.582	0.593	0.200	-1.9	20 (40)
Acrylonitrile	0.089	0.084	0.050	5.6	20 (40)
Cis-1,2-Dichloroethene	0.387	0.322	0.100	16.8	20 (40)
2,2-Dichloropropane	0.576	0.578	0.050	-0.3	20 (40)
Bromochloromethane	0.188	0.189	0.050	-0.5	20 (40)
Chloroform	0.756	0.759	0.200	-0.4	20 (40)
Carbon Tetrachloride	0.524	0.520	0.100	0.8	20 (40)
Tetrahydrofuran (THF)	0.102	0.092	0.050	9.8	20 (40)
1,1,1-Trichloroethane	0.663	0.657	0.100	0.9	20 (40)
Methyl Ethyl Ketone	0.162	0.147	0.100	9.3	20 (60)
1,1-Dichloropropene	0.401	0.392	0.050	2.2	20 (40)
Benzene	1.022	1.026	0.500	-0.4	20 (40)
1,2-Dichloroethane	0.411	0.418	0.100	-1.7	20 (40)
Trichloroethene	0.274	0.270	0.200	1.5	20 (40)
Dibromomethane	0.169	0.164	0.050	3.0	20 (40)
1,2-dichloropropane	0.278	0.278	0.100	0.0	20 (40)
Bromodichloromethane	0.346	0.371	0.200	-7.2	20 (40)

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

%D: 10% 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.: GCP28915

Instrument: CHEM23 Calibration Date: 10/19/23 Time: 07:01

Lab File Id: 1019_03.D Init. Calib. Date(s): 10/18/23 10/18/23

Heated Purge (Y/N): N Init. Calib. Times: 10:05 11:47

GC Column: RTX-VMS Method File: VOA23_101823.M

COMPOUND	RRF	RRF50	RRF MIN	%D	% D LIMITS
cis-1,3-Dichloropropene	0.409	0.426	0.200	-4.2	20 (40)
Toluene	0.683	0.686	0.400	-0.4	20 (40)
4-Methyl-2-Pentanone	0.251	0.234	0.100	6.8	20 (60)
Tetrachloroethene	0.256	0.255	0.200	0.4	20 (40)
trans-1,3-Dichloropropene	0.358	0.382	0.100	-6.7	20 (40)
1,1,2-Trichloroethane	0.218	0.220	0.100	-0.9	20 (40)
Dibromochloromethane	0.252	0.270	0.100	-7.1	20 (40)
1,3-Dichloropropane	0.391	0.401	0.050	-2.6	20 (40)
1,2-Dibromoethane	0.241	0.246	0.100	-2.1	20 (40)
2-Hexanone	0.173	0.165	0.100	4.6	20 (60)
Chlorobenzene	0.744	0.764	0.500	-2.7	20 (40)
Ethylbenzene	0.400	0.409	0.100	-2.2	20 (40)
1,1,1,2-Tetrachloroethane	0.256	0.273	0.050	-6.6	20 (40)
m&p-Xylene	0.470	0.485	0.100	-3.2	20 (40)
o-Xylene	0.454	0.471	0.300	-3.7	20 (40)
Styrene	0.769	0.810	0.300	-5.3	20 (40)
Bromoform	0.164	0.177	0.100	-7.9	20 (40)
Isopropylbenzene	0.626	0.636	0.100	-1.6	20 (40)
Bromobenzene	0.653	0.671	0.050	-2.8	20 (40)
n-Propylbenzene	0.626	0.640	0.050	-2.2	20 (40)
1,1,2,2-Tetrachloroethane	0.515	0.505	0.300	1.9	20 (40)
2-Chlorotoluene	0.530	0.544	0.050	-2.6	20 (40)
1,3,5-Trimethylbenzene	1.790	1.896	0.050	-5.9	20 (40)
1,2,3-Trichloropropane	0.462	0.445	0.050	3.7	20 (40)
trans-1,4-Dichloro-2-butene	0.136	0.159	0.050	-16.9	20 (40)
4-Chlorotoluene	0.553	0.567	0.050	-2.5	20 (40)
tert-Butylbenzene	1.568	1.620	0.050	-3.3	20 (40)
1,2,4-Trimethylbenzene	1.793	1.899	0.050	-5.9	20 (40)
sec-Butylbenzene	2.217	2.286	0.050	-3.1	20 (40)
p-Isopropyltoluene	1.895	1.993	0.050	-5.2	20 (40)
1,3-Dichlorobenzene	1.059	1.074	0.600	-1.4	20 (40)
1,4-Dichlorobenzene	1.049	1.073	0.500	-2.3	20 (40)
2-Isopropyltoluene	1.774	1.842	0.050	-3.8	20 (40)
n-Butylbenzene	1.664	1.738	0.050	-4.4	20 (40)
1,2-Dichlorobenzene	0.977	0.995	0.400	-1.8	20 (40)

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

%D: 10% 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

Lab Name:	Phoenix Environmental Labs		Client:	HENNESSY	
Lab Code:	Phoenix	Case No.:	SAS No.:	SDG No.:	GCP28915
Instrument:	CHEM23		Calibration Date:	10/19/23	Time: 07:01
Lab File Id:	1019_03.D		Init. Calib. Date(s):	10/18/23	10/18/23
Heated Purge (Y/N):	N		Init. Calib. Times:	10:05	11:47
GC Column:	RTX-VMS		Method File:	VOA23_101823.M	

[illegible]

(*) Recommended RRF not met (+) %D exceeds criteria (#) %D exceeds (maximum) criteria
 %D: 10% 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.: GCP28915

Instrument: CHEM23 Calibration Date: 10/20/23 Time: 08:02

Lab File Id: 1020_03.D Init. Calib. Date(s): 10/18/23 10/18/23

Heated Purge (Y/N): N Init. Calib. Times: 10:05 11:47

GC Column: RTX-VMS Method File: VOA23_101823.M

COMPOUND	RRF	RRF50	RRF MIN	%D	% D LIMITS
Pentafluorobenzene (IS Area/Area%)	318388	279950	n.a.	87.9	50-200
1,4-Difluorobenzene (IS Area/Area%)	447014	387567	n.a.	86.7	50-200
Chlorobenzene-d5 (IS Area/Area%)	436047	370063	n.a.	84.9	50-200
1,4-Dichlorobenzene-d4 (IS Area/Area%)	225638	198265	n.a.	87.9	50-200
1,4-Dioxane d8 (IS Area/Area%)	13259	10544	n.a.	79.5	n.a.
Dichlorodifluoromethane	0.474	0.452	0.100	4.6	20 (60)
Chloromethane	0.519	0.503	0.100	3.1	20 (60)
Vinyl Chloride	0.422	0.403	0.100	4.5	20 (40)
Bromomethane	0.193	0.201	0.100	-4.1	20 (60)
Chloroethane	0.202	0.207	0.100	-2.5	20 (40)
Trichlorofluoromethane	0.592	0.598	0.100	-1.0	20 (40)
1,1-Dichloroethene	0.271	0.275	0.100	-1.5	20 (40)
Trichlorotrifluoroethane	0.248	0.248	0.050	0.0	20 (40)
Carbon Disulfide	0.758	0.758	0.100	0.0	20 (40)
Methylene Chloride	0.296	0.295	0.100	0.3	20 (40)
Acetone	0.078	0.072	* 0.100	7.7	20 (60)
Trans-1,2-Dichloroethene	0.294	0.300	0.100	-2.0	20 (40)
Methyl t-Butyl Ether (MTBE)	0.777	0.808	0.100	-4.0	20 (40)
1,1-Dichloroethane	0.582	0.591	0.200	-1.5	20 (40)
Acrylonitrile	0.089	0.087	0.050	2.2	20 (40)
Cis-1,2-Dichloroethene	0.387	0.350	0.100	9.6	20 (40)
2,2-Dichloropropane	0.576	0.593	0.050	-3.0	20 (40)
Bromochloromethane	0.188	0.190	0.050	-1.1	20 (40)
Chloroform	0.756	0.763	0.200	-0.9	20 (40)
Carbon Tetrachloride	0.524	0.541	0.100	-3.2	20 (40)
Tetrahydrofuran (THF)	0.102	0.091	0.050	10.8	20 (40)
1,1,1-Trichloroethane	0.663	0.684	0.100	-3.2	20 (40)
Methyl Ethyl Ketone	0.162	0.147	0.100	9.3	20 (60)
1,1-Dichloropropene	0.401	0.398	0.050	0.7	20 (40)
Benzene	1.022	1.008	0.500	1.4	20 (40)
1,2-Dichloroethane	0.411	0.436	0.100	-6.1	20 (40)
Trichloroethene	0.274	0.274	0.200	0.0	20 (40)
Dibromomethane	0.169	0.170	0.050	-0.6	20 (40)
1,2-dichloropropane	0.278	0.270	0.100	2.9	20 (40)
Bromodichloromethane	0.346	0.370	0.200	-6.9	20 (40)

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

%D: 10% 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.: GCP28915

Instrument: CHEM23 Calibration Date: 10/20/23 Time: 08:02

Lab File Id: 1020_03.D Init. Calib. Date(s): 10/18/23 10/18/23

Heated Purge (Y/N): N Init. Calib. Times: 10:05 11:47

GC Column: RTX-VMS Method File: VOA23_101823.M

COMPOUND	RRF	RRF50	RRF MIN	%D	% D LIMITS
cis-1,3-Dichloropropene	0.409	0.416	0.200	-1.7	20 (40)
Toluene	0.683	0.682	0.400	0.1	20 (40)
4-Methyl-2-Pentanone	0.251	0.230	0.100	8.4	20 (60)
Tetrachloroethene	0.256	0.262	0.200	-2.3	20 (40)
trans-1,3-Dichloropropene	0.358	0.384	0.100	-7.3	20 (40)
1,1,2-Trichloroethane	0.218	0.218	0.100	0.0	20 (40)
Dibromochloromethane	0.252	0.273	0.100	-8.3	20 (40)
1,3-Dichloropropane	0.391	0.394	0.050	-0.8	20 (40)
1,2-Dibromoethane	0.241	0.248	0.100	-2.9	20 (40)
2-Hexanone	0.173	0.159	0.100	8.1	20 (60)
Chlorobenzene	0.744	0.759	0.500	-2.0	20 (40)
Ethylbenzene	0.400	0.404	0.100	-1.0	20 (40)
1,1,1,2-Tetrachloroethane	0.256	0.272	0.050	-6.3	20 (40)
m&p-Xylene	0.470	0.486	0.100	-3.4	20 (40)
o-Xylene	0.454	0.472	0.300	-4.0	20 (40)
Styrene	0.769	0.811	0.300	-5.5	20 (40)
Bromoform	0.164	0.179	0.100	-9.1	20 (40)
Isopropylbenzene	0.626	0.627	0.100	-0.2	20 (40)
Bromobenzene	0.653	0.666	0.050	-2.0	20 (40)
n-Propylbenzene	0.626	0.616	0.050	1.6	20 (40)
1,1,2,2-Tetrachloroethane	0.515	0.484	0.300	6.0	20 (40)
2-Chlorotoluene	0.530	0.527	0.050	0.6	20 (40)
1,3,5-Trimethylbenzene	1.790	1.867	0.050	-4.3	20 (40)
1,2,3-Trichloropropane	0.462	0.456	0.050	1.3	20 (40)
trans-1,4-Dichloro-2-butene	0.136	0.152	0.050	-11.8	20 (40)
4-Chlorotoluene	0.553	0.553	0.050	0.0	20 (40)
tert-Butylbenzene	1.568	1.613	0.050	-2.9	20 (40)
1,2,4-Trimethylbenzene	1.793	1.885	0.050	-5.1	20 (40)
sec-Butylbenzene	2.217	2.206	0.050	0.5	20 (40)
p-Isopropyltoluene	1.895	1.956	0.050	-3.2	20 (40)
1,3-Dichlorobenzene	1.059	1.061	0.600	-0.2	20 (40)
1,4-Dichlorobenzene	1.049	1.076	0.500	-2.6	20 (40)
2-Isopropyltoluene	1.774	1.809	0.050	-2.0	20 (40)
n-Butylbenzene	1.664	1.671	0.050	-0.4	20 (40)
1,2-Dichlorobenzene	0.977	0.969	0.400	0.8	20 (40)

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

%D: 10% 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

Lab Name:	Phoenix Environmental Labs		Client:	HENNESSY	
Lab Code:	Phoenix	Case No.:		SAS No.:	SDG No.: GCP28915
Instrument:	CHEM23		Calibration Date:	10/20/23	Time: 08:02
Lab File Id:	1020_03.D		Init. Calib. Date(s):	10/18/23	10/18/23
Heated Purge (Y/N):	N		Init. Calib. Times:	10:05	11:47
GC Column:	RTX-VMS		Method File:	VOA23_101823.M	

[illegible]

(*) Recommended RRF not met (+) %D exceeds criteria (#) %D exceeds (maximum) criteria
 %D: 10% 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.: GCP28915

Instrument: CHEM23 Calibration Date: 10/20/23 Time: 19:34

Lab File Id: 1020_36.D Init. Calib. Date(s): 10/18/23 10/18/23

Heated Purge (Y/N): N Init. Calib. Times: 10:05 11:47

GC Column: RTX-VMS Method File: VOA23_101823.M

COMPOUND	RRF	RRF50	RRF MIN	%D	% D LIMITS
Pentafluorobenzene (IS Area/Area%)	318388	268666	n.a.	84.4	50-200
1,4-Difluorobenzene (IS Area/Area%)	447014	370019	n.a.	82.8	50-200
Chlorobenzene-d5 (IS Area/Area%)	436047	356826	n.a.	81.8	50-200
1,4-Dichlorobenzene-d4 (IS Area/Area%)	225638	191594	n.a.	84.9	50-200
1,4-Dioxane d8 (IS Area/Area%)	13259	9888	n.a.	74.6	n.a.
Dichlorodifluoromethane	0.474	0.455	0.100	4.0	20 (60)
Chloromethane	0.519	0.498	0.100	4.0	20 (60)
Vinyl Chloride	0.422	0.400	0.100	5.2	20 (40)
Bromomethane	0.193	0.211	0.100	-9.3	20 (60)
Chloroethane	0.202	0.206	0.100	-2.0	20 (40)
Trichlorofluoromethane	0.592	0.608	0.100	-2.7	20 (40)
1,1-Dichloroethene	0.271	0.271	0.100	0.0	20 (40)
Trichlorotrifluoroethane	0.248	0.247	0.050	0.4	20 (40)
Carbon Disulfide	0.758	0.756	0.100	0.3	20 (40)
Methylene Chloride	0.296	0.297	0.100	-0.3	20 (40)
Acetone	0.078	0.084	* 0.100	-7.7	20 (60)
Trans-1,2-Dichloroethene	0.294	0.299	0.100	-1.7	20 (40)
Methyl t-Butyl Ether (MTBE)	0.777	0.834	0.100	-7.3	20 (40)
1,1-Dichloroethane	0.582	0.607	0.200	-4.3	20 (40)
Acrylonitrile	0.089	0.089	0.050	0.0	20 (40)
Cis-1,2-Dichloroethene	0.387	0.342	0.100	11.6	20 (40)
2,2-Dichloropropane	0.576	0.437	0.050	24.1 +	20 (40)
Bromochloromethane	0.188	0.185	0.050	1.6	20 (40)
Chloroform	0.756	0.766	0.200	-1.3	20 (40)
Carbon Tetrachloride	0.524	0.554	0.100	-5.7	20 (40)
Tetrahydrofuran (THF)	0.102	0.093	0.050	8.8	20 (40)
1,1,1-Trichloroethane	0.663	0.694	0.100	-4.7	20 (40)
Methyl Ethyl Ketone	0.162	0.150	0.100	7.4	20 (60)
1,1-Dichloropropene	0.401	0.399	0.050	0.5	20 (40)
Benzene	1.022	1.010	0.500	1.2	20 (40)
1,2-Dichloroethane	0.411	0.453	0.100	-10.2	20 (40)
Trichloroethene	0.274	0.273	0.200	0.4	20 (40)
Dibromomethane	0.169	0.172	0.050	-1.8	20 (40)
1,2-dichloropropane	0.278	0.268	0.100	3.6	20 (40)
Bromodichloromethane	0.346	0.379	0.200	-9.5	20 (40)

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

%D: 10% 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.: GCP28915

Instrument: CHEM23 Calibration Date: 10/20/23 Time: 19:34

Lab File Id: 1020_36.D Init. Calib. Date(s): 10/18/23 10/18/23

Heated Purge (Y/N): N Init. Calib. Times: 10:05 11:47

GC Column: RTX-VMS Method File: VOA23_101823.M

COMPOUND	RRF	RRF50	RRF MIN	%D	% D LIMITS
cis-1,3-Dichloropropene	0.409	0.403	0.200	1.5	20 (40)
Toluene	0.683	0.687	0.400	-0.6	20 (40)
4-Methyl-2-Pentanone	0.251	0.240	0.100	4.4	20 (60)
Tetrachloroethene	0.256	0.262	0.200	-2.3	20 (40)
trans-1,3-Dichloropropene	0.358	0.368	0.100	-2.8	20 (40)
1,1,2-Trichloroethane	0.218	0.221	0.100	-1.4	20 (40)
Dibromochloromethane	0.252	0.276	0.100	-9.5	20 (40)
1,3-Dichloropropane	0.391	0.403	0.050	-3.1	20 (40)
1,2-Dibromoethane	0.241	0.249	0.100	-3.3	20 (40)
2-Hexanone	0.173	0.165	0.100	4.6	20 (60)
Chlorobenzene	0.744	0.758	0.500	-1.9	20 (40)
Ethylbenzene	0.400	0.400	0.100	0.0	20 (40)
1,1,1,2-Tetrachloroethane	0.256	0.278	0.050	-8.6	20 (40)
m&p-Xylene	0.470	0.486	0.100	-3.4	20 (40)
o-Xylene	0.454	0.467	0.300	-2.9	20 (40)
Styrene	0.769	0.806	0.300	-4.8	20 (40)
Bromoform	0.164	0.188	0.100	-14.6	20 (40)
Isopropylbenzene	0.626	0.623	0.100	0.5	20 (40)
Bromobenzene	0.653	0.675	0.050	-3.4	20 (40)
n-Propylbenzene	0.626	0.621	0.050	0.8	20 (40)
1,1,2,2-Tetrachloroethane	0.515	0.484	0.300	6.0	20 (40)
2-Chlorotoluene	0.530	0.524	0.050	1.1	20 (40)
1,3,5-Trimethylbenzene	1.790	1.876	0.050	-4.8	20 (40)
1,2,3-Trichloropropane	0.462	0.496	0.050	-7.4	20 (40)
trans-1,4-Dichloro-2-butene	0.136	0.128	0.050	5.9	20 (40)
4-Chlorotoluene	0.553	0.550	0.050	0.5	20 (40)
tert-Butylbenzene	1.568	1.604	0.050	-2.3	20 (40)
1,2,4-Trimethylbenzene	1.793	1.870	0.050	-4.3	20 (40)
sec-Butylbenzene	2.217	2.182	0.050	1.6	20 (40)
p-Isopropyltoluene	1.895	1.913	0.050	-0.9	20 (40)
1,3-Dichlorobenzene	1.059	1.059	0.600	0.0	20 (40)
1,4-Dichlorobenzene	1.049	1.053	0.500	-0.4	20 (40)
2-Isopropyltoluene	1.774	1.812	0.050	-2.1	20 (40)
n-Butylbenzene	1.664	1.650	0.050	0.8	20 (40)
1,2-Dichlorobenzene	0.977	0.979	0.400	-0.2	20 (40)

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

%D: 10% 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

Lab Name:	Phoenix Environmental Labs		Client:	HENNESSY	
Lab Code:	Phoenix	Case No.:		SAS No.:	SDG No.: GCP28915
Instrument:	CHEM23		Calibration Date:	10/20/23	Time: 19:34
Lab File Id:	1020_36.D		Init. Calib. Date(s):	10/18/23	10/18/23
Heated Purge (Y/N):	N		Init. Calib. Times:	10:05	11:47
GC Column:	RTX-VMS		Method File:	VOA23_101823.M	

[illegible]

(*) Recommended RRF not met (+) %D exceeds criteria (#) %D exceeds (maximum) criteria
 %D: 10% 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. GCP28915

S1= MW-1

S2= MW-1, DUP

<u>Analyte</u>	<u>S1</u>	<u>S2</u>	<u>RPD (%)</u>
Tetrachloroethene	5600	5800	4%
Vinyl chloride	380	370	3%
trans-1,2-Dichloroethene	29	29	0%
Trichloroethene	2200	2200	0%
cis-1,2-Dichloroethene	2800	2900	4%

* 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.



Wednesday, November 08, 2023

Hennessy Engineering
P O Box 118
Voorheesville, NY 12186

Project ID: FORMER ROXY CLEANERS SITE
SDG ID: GCP28915
Sample ID#s: CP28915 - CP28923

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.

Enclosed are revised Analysis Report pages. Please replace and discard the original pages. 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.

Sincerely yours,

A handwritten signature in black ink, appearing to read "Phyllis Shiller".

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



**NY ANALYTICAL SERVICES PROTOCOL
DATA PACKAGE**

Client: P O Box 118
Project: FORMER ROXY CLEANERS SITE
Laboratory Project: GCP28915



Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06040
Tel. (860) 645-1102 Fax (860) 645-0823



NY Analytical Services Protocol Format

November 08, 2023

SDG I.D.: GCP28915

P O Box 118 FORMER ROXY CLEANERS SITE

Methodology Summary

Volatile Organic Compounds:

USEPA SW-846 Test Methods for Evaluating Solid Waste Physical/Chemical Methods 3rd Ed. Update III, Method 8260D and Environmental Protection Agency, EPA-600/4-79-020, Revised March 1983 (Methods 624) as printed in 40CFR part 136.



Environmental Laboratories, Inc.
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Tel. (860) 645-1102 Fax (860) 645-0823



NY Analytical Services Protocol Format

November 08, 2023

SDG I.D.: GCP28915

P O Box 118 FORMER ROXY CLEANERS SITE

Laboratory Chronicle

The samples in this delivery group were received at 1.2°C.

Sample	Analysis	Collection Date	Prep Date	Analysis Date	Analyst	Hold Time Met
CP28915	Volatiles	10/17/23	10/20/23	10/20/23	MH	Y
CP28916	Volatiles	10/17/23	10/19/23	10/19/23	MH	Y
CP28917	Volatiles	10/17/23	10/19/23	10/19/23	MH	Y
CP28918	Client MS/MSD	10/17/23	10/20/23	10/20/23		Y
CP28918	Volatiles	10/17/23	10/20/23	10/20/23	MH	Y
CP28919	Volatiles	10/17/23	10/21/23	10/21/23	MH	Y
CP28920	Volatiles	10/17/23	10/19/23	10/19/23	MH	Y
CP28921	Volatiles	10/17/23	10/19/23	10/19/23	MH	Y
CP28922	Volatiles	10/17/23	10/20/23	10/20/23	MH	Y
CP28923	Volatiles	10/17/23	10/19/23	10/19/23	MH	Y



Environmental Laboratories, Inc.
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Tel. (860) 645-1102 Fax (860) 645-0823



SDG Comments

November 08, 2023

SDG I.D.: GCP28915

Version 2: Per client request ASP B data package was added on.



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



Sample Id Cross Reference

November 08, 2023

SDG I.D.: GCP28915

Project ID: FORMER ROXY CLEANERS SITE

Client Id	Lab Id	Matrix
MW-1	CP28915	GROUND WATER
MW-2R	CP28916	GROUND WATER
MW-2DR	CP28917	GROUND WATER
MW-3	CP28918	GROUND WATER
MW-4	CP28919	GROUND WATER
MW-5	CP28920	GROUND WATER
MW-6	CP28921	GROUND WATER
MW-1, DUP	CP28922	GROUND WATER
TRANSPORT BLANK	CP28923	GROUND WATER



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



Analysis Report

November 08, 2023

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:
Received by: CP
Analyzed by: see "By" below

Date Time
10/17/23 15:15
10/18/23 17:36

Laboratory Data

SDG ID: GCP28915
Phoenix ID: CP28915

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

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
<u>Volatiles</u>								
1,1,1,2-Tetrachloroethane	ND	20	5.0	ug/L	20	10/19/23	MH	SW8260D
1,1,1-Trichloroethane	ND	20	5.0	ug/L	20	10/19/23	MH	SW8260D
1,1,2,2-Tetrachloroethane	ND	10	5.0	ug/L	20	10/19/23	MH	SW8260D
1,1,2-Trichloroethane	ND	20	5.0	ug/L	20	10/19/23	MH	SW8260D
1,1-Dichloroethane	ND	20	5.0	ug/L	20	10/19/23	MH	SW8260D
1,1-Dichloroethene	ND	20	5.0	ug/L	20	10/19/23	MH	SW8260D
1,1-Dichloropropene	ND	20	5.0	ug/L	20	10/19/23	MH	SW8260D
1,2,3-Trichlorobenzene	ND	20	5.0	ug/L	20	10/19/23	MH	SW8260D
1,2,3-Trichloropropane	ND	20	5.0	ug/L	20	10/19/23	MH	SW8260D
1,2,4-Trichlorobenzene	ND	20	5.0	ug/L	20	10/19/23	MH	SW8260D
1,2,4-Trimethylbenzene	ND	20	5.0	ug/L	20	10/19/23	MH	SW8260D
1,2-Dibromo-3-chloropropane	ND	20	10	ug/L	20	10/19/23	MH	SW8260D
1,2-Dibromoethane	ND	20	5.0	ug/L	20	10/19/23	MH	SW8260D
1,2-Dichlorobenzene	ND	20	5.0	ug/L	20	10/19/23	MH	SW8260D
1,2-Dichloroethane	ND	12	5.0	ug/L	20	10/19/23	MH	SW8260D
1,2-Dichloropropane	ND	20	5.0	ug/L	20	10/19/23	MH	SW8260D
1,3,5-Trimethylbenzene	ND	20	5.0	ug/L	20	10/19/23	MH	SW8260D
1,3-Dichlorobenzene	ND	20	5.0	ug/L	20	10/19/23	MH	SW8260D
1,3-Dichloropropane	ND	20	5.0	ug/L	20	10/19/23	MH	SW8260D
1,4-Dichlorobenzene	ND	20	5.0	ug/L	20	10/19/23	MH	SW8260D
2,2-Dichloropropane	ND	20	5.0	ug/L	20	10/19/23	MH	SW8260D
2-Chlorotoluene	ND	20	5.0	ug/L	20	10/19/23	MH	SW8260D
2-Hexanone	ND	100	50	ug/L	20	10/19/23	MH	SW8260D
2-Isopropyltoluene	ND	20	5.0	ug/L	20	10/19/23	MH	SW8260D
4-Chlorotoluene	ND	20	5.0	ug/L	20	10/19/23	MH	SW8260D
4-Methyl-2-pentanone	ND	100	50	ug/L	20	10/19/23	MH	SW8260D

Client ID: MW-1

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
Acetone	ND	500	50	ug/L	20	10/19/23	MH	SW8260D
Acrylonitrile	ND	20	5.0	ug/L	20	10/19/23	MH	SW8260D
Benzene	ND	14	5.0	ug/L	20	10/19/23	MH	SW8260D
Bromobenzene	ND	20	5.0	ug/L	20	10/19/23	MH	SW8260D
Bromochloromethane	ND	20	5.0	ug/L	20	10/19/23	MH	SW8260D
Bromodichloromethane	ND	10	5.0	ug/L	20	10/19/23	MH	SW8260D
Bromoform	ND	20	5.0	ug/L	20	10/19/23	MH	SW8260D
Bromomethane	ND	20	5.0	ug/L	20	10/19/23	MH	SW8260D
Carbon Disulfide	ND	100	5.0	ug/L	20	10/19/23	MH	SW8260D
Carbon tetrachloride	ND	20	5.0	ug/L	20	10/19/23	MH	SW8260D
Chlorobenzene	ND	20	5.0	ug/L	20	10/19/23	MH	SW8260D
Chloroethane	ND	20	5.0	ug/L	20	10/19/23	MH	SW8260D
Chloroform	ND	20	5.0	ug/L	20	10/19/23	MH	SW8260D
Chloromethane	ND	20	5.0	ug/L	20	10/19/23	MH	SW8260D
cis-1,2-Dichloroethene	2800	D 200	50	ug/L	200	10/20/23	MH	SW8260D
cis-1,3-Dichloropropene	ND	8.0	5.0	ug/L	20	10/19/23	MH	SW8260D
Dibromochloromethane	ND	10	5.0	ug/L	20	10/19/23	MH	SW8260D
Dibromomethane	ND	20	5.0	ug/L	20	10/19/23	MH	SW8260D
Dichlorodifluoromethane	ND	20	5.0	ug/L	20	10/19/23	MH	SW8260D
Ethylbenzene	ND	20	5.0	ug/L	20	10/19/23	MH	SW8260D
Hexachlorobutadiene	ND	8.0	5.0	ug/L	20	10/19/23	MH	SW8260D
Isopropylbenzene	ND	20	5.0	ug/L	20	10/19/23	MH	SW8260D
m&p-Xylene	ND	20	5.0	ug/L	20	10/19/23	MH	SW8260D
Methyl ethyl ketone	ND	100	50	ug/L	20	10/19/23	MH	SW8260D
Methyl t-butyl ether (MTBE)	ND	20	5.0	ug/L	20	10/19/23	MH	SW8260D
Methylene chloride	ND	20	20	ug/L	20	10/19/23	MH	SW8260D
Naphthalene	ND	20	20	ug/L	20	10/19/23	MH	SW8260D
n-Butylbenzene	ND	20	5.0	ug/L	20	10/19/23	MH	SW8260D
n-Propylbenzene	ND	20	5.0	ug/L	20	10/19/23	MH	SW8260D
o-Xylene	ND	20	5.0	ug/L	20	10/19/23	MH	SW8260D
p-Isopropyltoluene	ND	20	5.0	ug/L	20	10/19/23	MH	SW8260D
sec-Butylbenzene	ND	20	5.0	ug/L	20	10/19/23	MH	SW8260D
Styrene	ND	20	5.0	ug/L	20	10/19/23	MH	SW8260D
tert-Butylbenzene	ND	20	5.0	ug/L	20	10/19/23	MH	SW8260D
Tetrachloroethene	5900	D 200	50	ug/L	200	10/20/23	MH	SW8260D
Tetrahydrofuran (THF)	ND	50	50	ug/L	20	10/19/23	MH	SW8260D
Toluene	ND	20	5.0	ug/L	20	10/19/23	MH	SW8260D
Total Xylenes	ND	20	20	ug/L	20	10/19/23	MH	SW8260D
trans-1,2-Dichloroethene	29	20	5.0	ug/L	20	10/19/23	MH	SW8260D
trans-1,3-Dichloropropene	ND	8.0	5.0	ug/L	20	10/19/23	MH	SW8260D
trans-1,4-dichloro-2-butene	ND	100	50	ug/L	20	10/19/23	MH	SW8260D
Trichloroethene	2200	D 200	50	ug/L	200	10/20/23	MH	SW8260D
Trichlorofluoromethane	ND	20	5.0	ug/L	20	10/19/23	MH	SW8260D
Trichlorotrifluoroethane	ND	20	5.0	ug/L	20	10/19/23	MH	SW8260D
Vinyl chloride	380	20	5.0	ug/L	20	10/19/23	MH	SW8260D
QA/QC Surrogates								
% 1,2-dichlorobenzene-d4 (20x)	100			%	20	10/19/23	MH	70 - 130 %
% Bromofluorobenzene (20x)	96			%	20	10/19/23	MH	70 - 130 %
% Dibromofluoromethane (20x)	100			%	20	10/19/23	MH	70 - 130 %

Client ID: MW-1

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
% Toluene-d8 (20x)	102			%	20	10/19/23	MH	70 - 130 %
% 1,2-dichlorobenzene-d4 (200x)	100			%	200	10/20/23	MH	70 - 130 %
% Bromofluorobenzene (200x)	98			%	200	10/20/23	MH	70 - 130 %
% Dibromofluoromethane (200x)	103			%	200	10/20/23	MH	70 - 130 %
% Toluene-d8 (200x)	96			%	200	10/20/23	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.

B = Present in blank, no bias suspected.

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

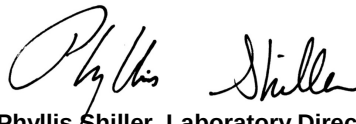
QA/QC Surrogates: Surrogates are compounds (preceded with a %) added by the lab to determine analysis efficiency. Surrogate results(%) listed in the report are not "detected" compounds.

Comments:

Volatile Comment:

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

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 08, 2023

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 Fax (860) 645-0823



Analysis Report

November 08, 2023

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:
Received by: CP
Analyzed by: see "By" below

Date Time
10/17/23 12:15
10/18/23 17:36

Laboratory Data

SDG ID: GCP28915
Phoenix ID: CP28916

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

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
Volatiles								
1,1,1,2-Tetrachloroethane	ND	1.0	0.25	ug/L	1	10/19/23	MH	SW8260D
1,1,1-Trichloroethane	ND	1.0	0.25	ug/L	1	10/19/23	MH	SW8260D
1,1,2,2-Tetrachloroethane	ND	0.50	0.25	ug/L	1	10/19/23	MH	SW8260D
1,1,2-Trichloroethane	ND	1.0	0.25	ug/L	1	10/19/23	MH	SW8260D
1,1-Dichloroethane	ND	1.0	0.25	ug/L	1	10/19/23	MH	SW8260D
1,1-Dichloroethene	ND	1.0	0.25	ug/L	1	10/19/23	MH	SW8260D
1,1-Dichloropropene	ND	1.0	0.25	ug/L	1	10/19/23	MH	SW8260D
1,2,3-Trichlorobenzene	ND	1.0	0.25	ug/L	1	10/19/23	MH	SW8260D
1,2,3-Trichloropropane	ND	1.0	0.25	ug/L	1	10/19/23	MH	SW8260D
1,2,4-Trichlorobenzene	ND	1.0	0.25	ug/L	1	10/19/23	MH	SW8260D
1,2,4-Trimethylbenzene	ND	1.0	0.25	ug/L	1	10/19/23	MH	SW8260D
1,2-Dibromo-3-chloropropane	ND	1.0	0.50	ug/L	1	10/19/23	MH	SW8260D
1,2-Dibromoethane	ND	1.0	0.25	ug/L	1	10/19/23	MH	SW8260D
1,2-Dichlorobenzene	ND	1.0	0.25	ug/L	1	10/19/23	MH	SW8260D
1,2-Dichloroethane	ND	0.60	0.25	ug/L	1	10/19/23	MH	SW8260D
1,2-Dichloropropane	ND	1.0	0.25	ug/L	1	10/19/23	MH	SW8260D
1,3,5-Trimethylbenzene	ND	1.0	0.25	ug/L	1	10/19/23	MH	SW8260D
1,3-Dichlorobenzene	ND	1.0	0.25	ug/L	1	10/19/23	MH	SW8260D
1,3-Dichloropropane	ND	1.0	0.25	ug/L	1	10/19/23	MH	SW8260D
1,4-Dichlorobenzene	ND	1.0	0.25	ug/L	1	10/19/23	MH	SW8260D
2,2-Dichloropropane	ND	1.0	0.25	ug/L	1	10/19/23	MH	SW8260D
2-Chlorotoluene	ND	1.0	0.25	ug/L	1	10/19/23	MH	SW8260D
2-Hexanone	ND	5.0	2.5	ug/L	1	10/19/23	MH	SW8260D
2-Isopropyltoluene	ND	1.0	0.25	ug/L	1	10/19/23	MH	SW8260D
4-Chlorotoluene	ND	1.0	0.25	ug/L	1	10/19/23	MH	SW8260D
4-Methyl-2-pentanone	ND	5.0	2.5	ug/L	1	10/19/23	MH	SW8260D

Client ID: MW-2R

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
Acetone	ND	25	2.5	ug/L	1	10/19/23	MH	SW8260D
Acrylonitrile	ND	1.0	0.25	ug/L	1	10/19/23	MH	SW8260D
Benzene	ND	0.70	0.25	ug/L	1	10/19/23	MH	SW8260D
Bromobenzene	ND	1.0	0.25	ug/L	1	10/19/23	MH	SW8260D
Bromochloromethane	ND	1.0	0.25	ug/L	1	10/19/23	MH	SW8260D
Bromodichloromethane	ND	0.50	0.25	ug/L	1	10/19/23	MH	SW8260D
Bromoform	ND	1.0	0.25	ug/L	1	10/19/23	MH	SW8260D
Bromomethane	ND	1.0	0.25	ug/L	1	10/19/23	MH	SW8260D
Carbon Disulfide	ND	5.0	0.25	ug/L	1	10/19/23	MH	SW8260D
Carbon tetrachloride	ND	1.0	0.25	ug/L	1	10/19/23	MH	SW8260D
Chlorobenzene	ND	1.0	0.25	ug/L	1	10/19/23	MH	SW8260D
Chloroethane	ND	1.0	0.25	ug/L	1	10/19/23	MH	SW8260D
Chloroform	ND	1.0	0.25	ug/L	1	10/19/23	MH	SW8260D
Chloromethane	ND	1.0	0.25	ug/L	1	10/19/23	MH	SW8260D
cis-1,2-Dichloroethene	ND	1.0	0.25	ug/L	1	10/19/23	MH	SW8260D
cis-1,3-Dichloropropene	ND	0.40	0.25	ug/L	1	10/19/23	MH	SW8260D
Dibromochloromethane	ND	0.50	0.25	ug/L	1	10/19/23	MH	SW8260D
Dibromomethane	ND	1.0	0.25	ug/L	1	10/19/23	MH	SW8260D
Dichlorodifluoromethane	ND	1.0	0.25	ug/L	1	10/19/23	MH	SW8260D
Ethylbenzene	ND	1.0	0.25	ug/L	1	10/19/23	MH	SW8260D
Hexachlorobutadiene	ND	0.40	0.25	ug/L	1	10/19/23	MH	SW8260D
Isopropylbenzene	ND	1.0	0.25	ug/L	1	10/19/23	MH	SW8260D
m&p-Xylene	ND	1.0	0.25	ug/L	1	10/19/23	MH	SW8260D
Methyl ethyl ketone	ND	5.0	2.5	ug/L	1	10/19/23	MH	SW8260D
Methyl t-butyl ether (MTBE)	ND	1.0	0.25	ug/L	1	10/19/23	MH	SW8260D
Methylene chloride	ND	1.0	1.0	ug/L	1	10/19/23	MH	SW8260D
Naphthalene	ND	1.0	1.0	ug/L	1	10/19/23	MH	SW8260D
n-Butylbenzene	ND	1.0	0.25	ug/L	1	10/19/23	MH	SW8260D
n-Propylbenzene	ND	1.0	0.25	ug/L	1	10/19/23	MH	SW8260D
o-Xylene	ND	1.0	0.25	ug/L	1	10/19/23	MH	SW8260D
p-Isopropyltoluene	ND	1.0	0.25	ug/L	1	10/19/23	MH	SW8260D
sec-Butylbenzene	ND	1.0	0.25	ug/L	1	10/19/23	MH	SW8260D
Styrene	ND	1.0	0.25	ug/L	1	10/19/23	MH	SW8260D
tert-Butylbenzene	ND	1.0	0.25	ug/L	1	10/19/23	MH	SW8260D
Tetrachloroethene	ND	1.0	0.25	ug/L	1	10/19/23	MH	SW8260D
Tetrahydrofuran (THF)	ND	2.5	2.5	ug/L	1	10/19/23	MH	SW8260D
Toluene	ND	1.0	0.25	ug/L	1	10/19/23	MH	SW8260D
Total Xylenes	ND	1.0	1.0	ug/L	1	10/19/23	MH	SW8260D
trans-1,2-Dichloroethene	ND	1.0	0.25	ug/L	1	10/19/23	MH	SW8260D
trans-1,3-Dichloropropene	ND	0.40	0.25	ug/L	1	10/19/23	MH	SW8260D
trans-1,4-dichloro-2-butene	ND	5.0	2.5	ug/L	1	10/19/23	MH	SW8260D
Trichloroethene	ND	1.0	0.25	ug/L	1	10/19/23	MH	SW8260D
Trichlorofluoromethane	ND	1.0	0.25	ug/L	1	10/19/23	MH	SW8260D
Trichlorotrifluoroethane	ND	1.0	0.25	ug/L	1	10/19/23	MH	SW8260D
Vinyl chloride	ND	1.0	0.25	ug/L	1	10/19/23	MH	SW8260D
<u>QA/QC Surrogates</u>								
% 1,2-dichlorobenzene-d4	100			%	1	10/19/23	MH	70 - 130 %
% Bromofluorobenzene	96			%	1	10/19/23	MH	70 - 130 %
% Dibromofluoromethane	100			%	1	10/19/23	MH	70 - 130 %

B

1

Client ID: MW-2R

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
% Toluene-d8	96			%	1	10/19/23	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.

B = Present in blank, no bias suspected.

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:

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 08, 2023

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 Fax (860) 645-0823



Analysis Report

November 08, 2023

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:
Received by: CP
Analyzed by: see "By" below

Date Time
10/17/23 11:30
10/18/23 17:36

Laboratory Data

SDG ID: GCP28915
Phoenix ID: CP28917

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

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
Volatiles								
1,1,1,2-Tetrachloroethane	ND	1.0	0.25	ug/L	1	10/19/23	MH	SW8260D
1,1,1-Trichloroethane	ND	1.0	0.25	ug/L	1	10/19/23	MH	SW8260D
1,1,2,2-Tetrachloroethane	ND	0.50	0.25	ug/L	1	10/19/23	MH	SW8260D
1,1,2-Trichloroethane	ND	1.0	0.25	ug/L	1	10/19/23	MH	SW8260D
1,1-Dichloroethane	ND	1.0	0.25	ug/L	1	10/19/23	MH	SW8260D
1,1-Dichloroethene	ND	1.0	0.25	ug/L	1	10/19/23	MH	SW8260D
1,1-Dichloropropene	ND	1.0	0.25	ug/L	1	10/19/23	MH	SW8260D
1,2,3-Trichlorobenzene	ND	1.0	0.25	ug/L	1	10/19/23	MH	SW8260D
1,2,3-Trichloropropane	ND	1.0	0.25	ug/L	1	10/19/23	MH	SW8260D
1,2,4-Trichlorobenzene	ND	1.0	0.25	ug/L	1	10/19/23	MH	SW8260D
1,2,4-Trimethylbenzene	ND	1.0	0.25	ug/L	1	10/19/23	MH	SW8260D
1,2-Dibromo-3-chloropropane	ND	1.0	0.50	ug/L	1	10/19/23	MH	SW8260D
1,2-Dibromoethane	ND	1.0	0.25	ug/L	1	10/19/23	MH	SW8260D
1,2-Dichlorobenzene	ND	1.0	0.25	ug/L	1	10/19/23	MH	SW8260D
1,2-Dichloroethane	ND	0.60	0.25	ug/L	1	10/19/23	MH	SW8260D
1,2-Dichloropropane	ND	1.0	0.25	ug/L	1	10/19/23	MH	SW8260D
1,3,5-Trimethylbenzene	ND	1.0	0.25	ug/L	1	10/19/23	MH	SW8260D
1,3-Dichlorobenzene	ND	1.0	0.25	ug/L	1	10/19/23	MH	SW8260D
1,3-Dichloropropane	ND	1.0	0.25	ug/L	1	10/19/23	MH	SW8260D
1,4-Dichlorobenzene	ND	1.0	0.25	ug/L	1	10/19/23	MH	SW8260D
2,2-Dichloropropane	ND	1.0	0.25	ug/L	1	10/19/23	MH	SW8260D
2-Chlorotoluene	ND	1.0	0.25	ug/L	1	10/19/23	MH	SW8260D
2-Hexanone	ND	5.0	2.5	ug/L	1	10/19/23	MH	SW8260D
2-Isopropyltoluene	ND	1.0	0.25	ug/L	1	10/19/23	MH	SW8260D
4-Chlorotoluene	ND	1.0	0.25	ug/L	1	10/19/23	MH	SW8260D
4-Methyl-2-pentanone	ND	5.0	2.5	ug/L	1	10/19/23	MH	SW8260D

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
Acetone	ND	25	2.5	ug/L	1	10/19/23	MH	SW8260D
Acrylonitrile	ND	1.0	0.25	ug/L	1	10/19/23	MH	SW8260D
Benzene	ND	0.70	0.25	ug/L	1	10/19/23	MH	SW8260D
Bromobenzene	ND	1.0	0.25	ug/L	1	10/19/23	MH	SW8260D
Bromochloromethane	ND	1.0	0.25	ug/L	1	10/19/23	MH	SW8260D
Bromodichloromethane	ND	0.50	0.25	ug/L	1	10/19/23	MH	SW8260D
Bromoform	ND	1.0	0.25	ug/L	1	10/19/23	MH	SW8260D
Bromomethane	ND	1.0	0.25	ug/L	1	10/19/23	MH	SW8260D
Carbon Disulfide	ND	5.0	0.25	ug/L	1	10/19/23	MH	SW8260D
Carbon tetrachloride	ND	1.0	0.25	ug/L	1	10/19/23	MH	SW8260D
Chlorobenzene	ND	1.0	0.25	ug/L	1	10/19/23	MH	SW8260D
Chloroethane	ND	1.0	0.25	ug/L	1	10/19/23	MH	SW8260D
Chloroform	ND	1.0	0.25	ug/L	1	10/19/23	MH	SW8260D
Chloromethane	ND	1.0	0.25	ug/L	1	10/19/23	MH	SW8260D
cis-1,2-Dichloroethene	ND	1.0	0.25	ug/L	1	10/19/23	MH	SW8260D
cis-1,3-Dichloropropene	ND	0.40	0.25	ug/L	1	10/19/23	MH	SW8260D
Dibromochloromethane	ND	0.50	0.25	ug/L	1	10/19/23	MH	SW8260D
Dibromomethane	ND	1.0	0.25	ug/L	1	10/19/23	MH	SW8260D
Dichlorodifluoromethane	ND	1.0	0.25	ug/L	1	10/19/23	MH	SW8260D
Ethylbenzene	ND	1.0	0.25	ug/L	1	10/19/23	MH	SW8260D
Hexachlorobutadiene	ND	0.40	0.25	ug/L	1	10/19/23	MH	SW8260D
Isopropylbenzene	ND	1.0	0.25	ug/L	1	10/19/23	MH	SW8260D
m&p-Xylene	ND	1.0	0.25	ug/L	1	10/19/23	MH	SW8260D
Methyl ethyl ketone	ND	5.0	2.5	ug/L	1	10/19/23	MH	SW8260D
Methyl t-butyl ether (MTBE)	ND	1.0	0.25	ug/L	1	10/19/23	MH	SW8260D
Methylene chloride	ND	1.0	1.0	ug/L	1	10/19/23	MH	SW8260D
Naphthalene	ND	1.0	1.0	ug/L	1	10/19/23	MH	SW8260D
n-Butylbenzene	ND	1.0	0.25	ug/L	1	10/19/23	MH	SW8260D
n-Propylbenzene	ND	1.0	0.25	ug/L	1	10/19/23	MH	SW8260D
o-Xylene	ND	1.0	0.25	ug/L	1	10/19/23	MH	SW8260D
p-Isopropyltoluene	ND	1.0	0.25	ug/L	1	10/19/23	MH	SW8260D
sec-Butylbenzene	ND	1.0	0.25	ug/L	1	10/19/23	MH	SW8260D
Styrene	ND	1.0	0.25	ug/L	1	10/19/23	MH	SW8260D
tert-Butylbenzene	ND	1.0	0.25	ug/L	1	10/19/23	MH	SW8260D
Tetrachloroethene	ND	1.0	0.25	ug/L	1	10/19/23	MH	SW8260D
Tetrahydrofuran (THF)	ND	2.5	2.5	ug/L	1	10/19/23	MH	SW8260D
Toluene	ND	1.0	0.25	ug/L	1	10/19/23	MH	SW8260D
Total Xylenes	ND	1.0	1.0	ug/L	1	10/19/23	MH	SW8260D
trans-1,2-Dichloroethene	ND	1.0	0.25	ug/L	1	10/19/23	MH	SW8260D
trans-1,3-Dichloropropene	ND	0.40	0.25	ug/L	1	10/19/23	MH	SW8260D
trans-1,4-dichloro-2-butene	ND	5.0	2.5	ug/L	1	10/19/23	MH	SW8260D
Trichloroethene	ND	1.0	0.25	ug/L	1	10/19/23	MH	SW8260D
Trichlorofluoromethane	ND	1.0	0.25	ug/L	1	10/19/23	MH	SW8260D
Trichlorotrifluoroethane	ND	1.0	0.25	ug/L	1	10/19/23	MH	SW8260D
Vinyl chloride	ND	1.0	0.25	ug/L	1	10/19/23	MH	SW8260D
<u>QA/QC Surrogates</u>								
% 1,2-dichlorobenzene-d4	99			%	1	10/19/23	MH	70 - 130 %
% Bromofluorobenzene	96			%	1	10/19/23	MH	70 - 130 %
% Dibromofluoromethane	100			%	1	10/19/23	MH	70 - 130 %

B

1

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
% Toluene-d8	95			%	1	10/19/23	MH	70 - 130 %

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B = Present in blank, no bias suspected.

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:

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Phyllis Shiller, Laboratory Director

November 08, 2023

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 Fax (860) 645-0823



Analysis Report

November 08, 2023

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:
Received by: CP
Analyzed by: see "By" below

Date Time
10/17/23 14:30
10/18/23 17:36

Laboratory Data

SDG ID: GCP28915
Phoenix ID: CP28918

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

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
Client MS/MSD	Completed					10/20/23		

Volatiles

1,1,1,2-Tetrachloroethane	ND	1.0	0.25	ug/L	1	10/19/23	MH	SW8260D
1,1,1-Trichloroethane	ND	1.0	0.25	ug/L	1	10/19/23	MH	SW8260D
1,1,2,2-Tetrachloroethane	ND	0.50	0.25	ug/L	1	10/19/23	MH	SW8260D
1,1,2-Trichloroethane	ND	1.0	0.25	ug/L	1	10/19/23	MH	SW8260D
1,1-Dichloroethane	ND	1.0	0.25	ug/L	1	10/19/23	MH	SW8260D
1,1-Dichloroethene	3.2	1.0	0.25	ug/L	1	10/19/23	MH	SW8260D
1,1-Dichloropropene	ND	1.0	0.25	ug/L	1	10/19/23	MH	SW8260D
1,2,3-Trichlorobenzene	ND	1.0	0.25	ug/L	1	10/19/23	MH	SW8260D
1,2,3-Trichloropropane	ND	1.0	0.25	ug/L	1	10/19/23	MH	SW8260D
1,2,4-Trichlorobenzene	ND	1.0	0.25	ug/L	1	10/19/23	MH	SW8260D
1,2,4-Trimethylbenzene	ND	1.0	0.25	ug/L	1	10/19/23	MH	SW8260D
1,2-Dibromo-3-chloropropane	ND	1.0	0.50	ug/L	1	10/19/23	MH	SW8260D
1,2-Dibromoethane	ND	1.0	0.25	ug/L	1	10/19/23	MH	SW8260D
1,2-Dichlorobenzene	ND	1.0	0.25	ug/L	1	10/19/23	MH	SW8260D
1,2-Dichloroethane	ND	0.60	0.25	ug/L	1	10/19/23	MH	SW8260D
1,2-Dichloropropane	ND	1.0	0.25	ug/L	1	10/19/23	MH	SW8260D
1,3,5-Trimethylbenzene	ND	1.0	0.25	ug/L	1	10/19/23	MH	SW8260D
1,3-Dichlorobenzene	ND	1.0	0.25	ug/L	1	10/19/23	MH	SW8260D
1,3-Dichloropropane	ND	1.0	0.25	ug/L	1	10/19/23	MH	SW8260D
1,4-Dichlorobenzene	ND	1.0	0.25	ug/L	1	10/19/23	MH	SW8260D
2,2-Dichloropropane	ND	1.0	0.25	ug/L	1	10/19/23	MH	SW8260D
2-Chlorotoluene	ND	1.0	0.25	ug/L	1	10/19/23	MH	SW8260D
2-Hexanone	ND	5.0	2.5	ug/L	1	10/19/23	MH	SW8260D
2-Isopropyltoluene	ND	1.0	0.25	ug/L	1	10/19/23	MH	SW8260D
4-Chlorotoluene	ND	1.0	0.25	ug/L	1	10/19/23	MH	SW8260D

Client ID: MW-3

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
4-Methyl-2-pentanone	ND	5.0	2.5	ug/L	1	10/19/23	MH	SW8260D
Acetone	ND	25	2.5	ug/L	1	10/19/23	MH	SW8260D
Acrylonitrile	ND	1.0	0.25	ug/L	1	10/19/23	MH	SW8260D
Benzene	ND	0.70	0.25	ug/L	1	10/19/23	MH	SW8260D
Bromobenzene	ND	1.0	0.25	ug/L	1	10/19/23	MH	SW8260D
Bromochloromethane	ND	1.0	0.25	ug/L	1	10/19/23	MH	SW8260D
Bromodichloromethane	ND	0.50	0.25	ug/L	1	10/19/23	MH	SW8260D
Bromoform	ND	1.0	0.25	ug/L	1	10/19/23	MH	SW8260D
Bromomethane	ND	1.0	0.25	ug/L	1	10/19/23	MH	SW8260D
Carbon Disulfide	ND	5.0	0.25	ug/L	1	10/19/23	MH	SW8260D
Carbon tetrachloride	ND	1.0	0.25	ug/L	1	10/19/23	MH	SW8260D
Chlorobenzene	ND	1.0	0.25	ug/L	1	10/19/23	MH	SW8260D
Chloroethane	ND	1.0	0.25	ug/L	1	10/19/23	MH	SW8260D
Chloroform	ND	1.0	0.25	ug/L	1	10/19/23	MH	SW8260D
Chloromethane	ND	1.0	0.25	ug/L	1	10/19/23	MH	SW8260D
cis-1,2-Dichloroethene	1100	D 40	10	ug/L	40	10/20/23	MH	SW8260D
cis-1,3-Dichloropropene	ND	0.40	0.25	ug/L	1	10/19/23	MH	SW8260D
Dibromochloromethane	ND	0.50	0.25	ug/L	1	10/19/23	MH	SW8260D
Dibromomethane	ND	1.0	0.25	ug/L	1	10/19/23	MH	SW8260D
Dichlorodifluoromethane	ND	1.0	0.25	ug/L	1	10/19/23	MH	SW8260D
Ethylbenzene	ND	1.0	0.25	ug/L	1	10/19/23	MH	SW8260D
Hexachlorobutadiene	ND	0.40	0.25	ug/L	1	10/19/23	MH	SW8260D
Isopropylbenzene	ND	1.0	0.25	ug/L	1	10/19/23	MH	SW8260D
m&p-Xylene	ND	1.0	0.25	ug/L	1	10/19/23	MH	SW8260D
Methyl ethyl ketone	ND	5.0	2.5	ug/L	1	10/19/23	MH	SW8260D
Methyl t-butyl ether (MTBE)	ND	1.0	0.25	ug/L	1	10/19/23	MH	SW8260D
Methylene chloride	ND	1.0	1.0	ug/L	1	10/19/23	MH	SW8260D
Naphthalene	ND	1.0	1.0	ug/L	1	10/19/23	MH	SW8260D
n-Butylbenzene	ND	1.0	0.25	ug/L	1	10/19/23	MH	SW8260D
n-Propylbenzene	ND	1.0	0.25	ug/L	1	10/19/23	MH	SW8260D
o-Xylene	ND	1.0	0.25	ug/L	1	10/19/23	MH	SW8260D
p-Isopropyltoluene	ND	1.0	0.25	ug/L	1	10/19/23	MH	SW8260D
sec-Butylbenzene	ND	1.0	0.25	ug/L	1	10/19/23	MH	SW8260D
Styrene	ND	1.0	0.25	ug/L	1	10/19/23	MH	SW8260D
tert-Butylbenzene	ND	1.0	0.25	ug/L	1	10/19/23	MH	SW8260D
Tetrachloroethene	140	5.0	1.3	ug/L	5	10/20/23	MH	SW8260D
Tetrahydrofuran (THF)	ND	2.5	2.5	ug/L	1	10/19/23	MH	SW8260D
Toluene	ND	1.0	0.25	ug/L	1	10/19/23	MH	SW8260D
Total Xylenes	ND	1.0	1.0	ug/L	1	10/19/23	MH	SW8260D
trans-1,2-Dichloroethene	13	1.0	0.25	ug/L	1	10/19/23	MH	SW8260D
trans-1,3-Dichloropropene	ND	0.40	0.25	ug/L	1	10/19/23	MH	SW8260D
trans-1,4-dichloro-2-butene	ND	5.0	2.5	ug/L	1	10/19/23	MH	SW8260D
Trichloroethene	180	D 5.0	1.3	ug/L	5	10/20/23	MH	SW8260D
Trichlorofluoromethane	ND	1.0	0.25	ug/L	1	10/19/23	MH	SW8260D
Trichlorotrifluoroethane	ND	1.0	0.25	ug/L	1	10/19/23	MH	SW8260D
Vinyl chloride	330	D 5.0	1.3	ug/L	5	10/20/23	MH	SW8260D
QA/QC Surrogates								
% 1,2-dichlorobenzene-d4	100			%	1	10/19/23	MH	70 - 130 %
% Bromofluorobenzene	96			%	1	10/19/23	MH	70 - 130 %

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
% Dibromofluoromethane	99			%	1	10/19/23	MH	70 - 130 %
% Toluene-d8	104			%	1	10/19/23	MH	70 - 130 %
% 1,2-dichlorobenzene-d4 (5x)	100			%	5	10/20/23	MH	70 - 130 %
% Bromofluorobenzene (5x)	98			%	5	10/20/23	MH	70 - 130 %
% Dibromofluoromethane (5x)	100			%	5	10/20/23	MH	70 - 130 %
% Toluene-d8 (5x)	97			%	5	10/20/23	MH	70 - 130 %
% 1,2-dichlorobenzene-d4 (40x)	100			%	40	10/20/23	MH	70 - 130 %
% Bromofluorobenzene (40x)	99			%	40	10/20/23	MH	70 - 130 %
% Dibromofluoromethane (40x)	101			%	40	10/20/23	MH	70 - 130 %
% Toluene-d8 (40x)	96			%	40	10/20/23	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.

B = Present in blank, no bias suspected.

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:

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 08, 2023

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 Fax (860) 645-0823



Analysis Report

November 08, 2023

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:
Received by: CP
Analyzed by: see "By" below

Date Time
10/17/23 10:30
10/18/23 17:36

Laboratory Data

SDG ID: GCP28915
Phoenix ID: CP28919

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

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
Volatiles								
1,1,1,2-Tetrachloroethane	ND	1.0	0.25	ug/L	1	10/21/23	MH	SW8260D
1,1,1-Trichloroethane	ND	1.0	0.25	ug/L	1	10/21/23	MH	SW8260D
1,1,2,2-Tetrachloroethane	ND	0.50	0.25	ug/L	1	10/21/23	MH	SW8260D
1,1,2-Trichloroethane	ND	1.0	0.25	ug/L	1	10/21/23	MH	SW8260D
1,1-Dichloroethane	ND	1.0	0.25	ug/L	1	10/21/23	MH	SW8260D
1,1-Dichloroethene	ND	1.0	0.25	ug/L	1	10/21/23	MH	SW8260D
1,1-Dichloropropene	ND	1.0	0.25	ug/L	1	10/21/23	MH	SW8260D
1,2,3-Trichlorobenzene	ND	1.0	0.25	ug/L	1	10/21/23	MH	SW8260D
1,2,3-Trichloropropane	ND	1.0	0.25	ug/L	1	10/21/23	MH	SW8260D
1,2,4-Trichlorobenzene	ND	1.0	0.25	ug/L	1	10/21/23	MH	SW8260D
1,2,4-Trimethylbenzene	ND	1.0	0.25	ug/L	1	10/21/23	MH	SW8260D
1,2-Dibromo-3-chloropropane	ND	1.0	0.50	ug/L	1	10/21/23	MH	SW8260D
1,2-Dibromoethane	ND	1.0	0.25	ug/L	1	10/21/23	MH	SW8260D
1,2-Dichlorobenzene	ND	1.0	0.25	ug/L	1	10/21/23	MH	SW8260D
1,2-Dichloroethane	ND	0.60	0.25	ug/L	1	10/21/23	MH	SW8260D
1,2-Dichloropropane	ND	1.0	0.25	ug/L	1	10/21/23	MH	SW8260D
1,3,5-Trimethylbenzene	ND	1.0	0.25	ug/L	1	10/21/23	MH	SW8260D
1,3-Dichlorobenzene	ND	1.0	0.25	ug/L	1	10/21/23	MH	SW8260D
1,3-Dichloropropane	ND	1.0	0.25	ug/L	1	10/21/23	MH	SW8260D
1,4-Dichlorobenzene	ND	1.0	0.25	ug/L	1	10/21/23	MH	SW8260D
2,2-Dichloropropane	ND	1.0	0.25	ug/L	1	10/21/23	MH	SW8260D
2-Chlorotoluene	ND	1.0	0.25	ug/L	1	10/21/23	MH	SW8260D
2-Hexanone	ND	5.0	2.5	ug/L	1	10/21/23	MH	SW8260D
2-Isopropyltoluene	ND	1.0	0.25	ug/L	1	10/21/23	MH	SW8260D
4-Chlorotoluene	ND	1.0	0.25	ug/L	1	10/21/23	MH	SW8260D
4-Methyl-2-pentanone	ND	5.0	2.5	ug/L	1	10/21/23	MH	SW8260D

Client ID: MW-4

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
Acetone	ND	25	2.5	ug/L	1	10/21/23	MH	SW8260D
Acrylonitrile	ND	1.0	0.25	ug/L	1	10/21/23	MH	SW8260D
Benzene	ND	0.70	0.25	ug/L	1	10/21/23	MH	SW8260D
Bromobenzene	ND	1.0	0.25	ug/L	1	10/21/23	MH	SW8260D
Bromochloromethane	ND	1.0	0.25	ug/L	1	10/21/23	MH	SW8260D
Bromodichloromethane	ND	0.50	0.25	ug/L	1	10/21/23	MH	SW8260D
Bromoform	ND	1.0	0.25	ug/L	1	10/21/23	MH	SW8260D
Bromomethane	ND	1.0	0.25	ug/L	1	10/21/23	MH	SW8260D
Carbon Disulfide	ND	5.0	0.25	ug/L	1	10/21/23	MH	SW8260D
Carbon tetrachloride	ND	1.0	0.25	ug/L	1	10/21/23	MH	SW8260D
Chlorobenzene	ND	1.0	0.25	ug/L	1	10/21/23	MH	SW8260D
Chloroethane	ND	1.0	0.25	ug/L	1	10/21/23	MH	SW8260D
Chloroform	ND	1.0	0.25	ug/L	1	10/21/23	MH	SW8260D
Chloromethane	ND	1.0	0.25	ug/L	1	10/21/23	MH	SW8260D
cis-1,2-Dichloroethene	ND	1.0	0.25	ug/L	1	10/21/23	MH	SW8260D
cis-1,3-Dichloropropene	ND	0.40	0.25	ug/L	1	10/21/23	MH	SW8260D
Dibromochloromethane	ND	0.50	0.25	ug/L	1	10/21/23	MH	SW8260D
Dibromomethane	ND	1.0	0.25	ug/L	1	10/21/23	MH	SW8260D
Dichlorodifluoromethane	ND	1.0	0.25	ug/L	1	10/21/23	MH	SW8260D
Ethylbenzene	ND	1.0	0.25	ug/L	1	10/21/23	MH	SW8260D
Hexachlorobutadiene	ND	0.40	0.25	ug/L	1	10/21/23	MH	SW8260D
Isopropylbenzene	ND	1.0	0.25	ug/L	1	10/21/23	MH	SW8260D
m&p-Xylene	ND	1.0	0.25	ug/L	1	10/21/23	MH	SW8260D
Methyl ethyl ketone	ND	5.0	2.5	ug/L	1	10/21/23	MH	SW8260D
Methyl t-butyl ether (MTBE)	ND	1.0	0.25	ug/L	1	10/21/23	MH	SW8260D
Methylene chloride	ND	1.0	1.0	ug/L	1	10/21/23	MH	SW8260D
Naphthalene	ND	1.0	1.0	ug/L	1	10/21/23	MH	SW8260D
n-Butylbenzene	ND	1.0	0.25	ug/L	1	10/21/23	MH	SW8260D
n-Propylbenzene	ND	1.0	0.25	ug/L	1	10/21/23	MH	SW8260D
o-Xylene	ND	1.0	0.25	ug/L	1	10/21/23	MH	SW8260D
p-Isopropyltoluene	ND	1.0	0.25	ug/L	1	10/21/23	MH	SW8260D
sec-Butylbenzene	ND	1.0	0.25	ug/L	1	10/21/23	MH	SW8260D
Styrene	ND	1.0	0.25	ug/L	1	10/21/23	MH	SW8260D
tert-Butylbenzene	ND	1.0	0.25	ug/L	1	10/21/23	MH	SW8260D
Tetrachloroethene	ND	1.0	0.25	ug/L	1	10/21/23	MH	SW8260D
Tetrahydrofuran (THF)	ND	2.5	2.5	ug/L	1	10/21/23	MH	SW8260D
Toluene	ND	1.0	0.25	ug/L	1	10/21/23	MH	SW8260D
Total Xylenes	ND	1.0	1.0	ug/L	1	10/21/23	MH	SW8260D
trans-1,2-Dichloroethene	ND	1.0	0.25	ug/L	1	10/21/23	MH	SW8260D
trans-1,3-Dichloropropene	ND	0.40	0.25	ug/L	1	10/21/23	MH	SW8260D
trans-1,4-dichloro-2-butene	ND	5.0	2.5	ug/L	1	10/21/23	MH	SW8260D
Trichloroethene	ND	1.0	0.25	ug/L	1	10/21/23	MH	SW8260D
Trichlorofluoromethane	ND	1.0	0.25	ug/L	1	10/21/23	MH	SW8260D
Trichlorotrifluoroethane	ND	1.0	0.25	ug/L	1	10/21/23	MH	SW8260D
Vinyl chloride	ND	1.0	0.25	ug/L	1	10/21/23	MH	SW8260D
QA/QC Surrogates								
% 1,2-dichlorobenzene-d4	100			%	1	10/21/23	MH	70 - 130 %
% Bromofluorobenzene	99			%	1	10/21/23	MH	70 - 130 %
% Dibromofluoromethane	102			%	1	10/21/23	MH	70 - 130 %

B

1

Client ID: MW-4

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
% Toluene-d8	97			%	1	10/21/23	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.

B = Present in blank, no bias suspected.

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:

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 08, 2023

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 Fax (860) 645-0823



Analysis Report

November 08, 2023

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:
Received by: CP
Analyzed by: see "By" below

Date
10/17/23 13:20
10/18/23 17:36

Laboratory Data

SDG ID: GCP28915
Phoenix ID: CP28920

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

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
Volatiles								
1,1,1,2-Tetrachloroethane	ND	1.0	0.25	ug/L	1	10/19/23	MH	SW8260D
1,1,1-Trichloroethane	ND	1.0	0.25	ug/L	1	10/19/23	MH	SW8260D
1,1,2,2-Tetrachloroethane	ND	0.50	0.25	ug/L	1	10/19/23	MH	SW8260D
1,1,2-Trichloroethane	ND	1.0	0.25	ug/L	1	10/19/23	MH	SW8260D
1,1-Dichloroethane	ND	1.0	0.25	ug/L	1	10/19/23	MH	SW8260D
1,1-Dichloroethene	ND	1.0	0.25	ug/L	1	10/19/23	MH	SW8260D
1,1-Dichloropropene	ND	1.0	0.25	ug/L	1	10/19/23	MH	SW8260D
1,2,3-Trichlorobenzene	ND	1.0	0.25	ug/L	1	10/19/23	MH	SW8260D
1,2,3-Trichloropropane	ND	1.0	0.25	ug/L	1	10/19/23	MH	SW8260D
1,2,4-Trichlorobenzene	ND	1.0	0.25	ug/L	1	10/19/23	MH	SW8260D
1,2,4-Trimethylbenzene	ND	1.0	0.25	ug/L	1	10/19/23	MH	SW8260D
1,2-Dibromo-3-chloropropane	ND	1.0	0.50	ug/L	1	10/19/23	MH	SW8260D
1,2-Dibromoethane	ND	1.0	0.25	ug/L	1	10/19/23	MH	SW8260D
1,2-Dichlorobenzene	ND	1.0	0.25	ug/L	1	10/19/23	MH	SW8260D
1,2-Dichloroethane	ND	0.60	0.25	ug/L	1	10/19/23	MH	SW8260D
1,2-Dichloropropane	ND	1.0	0.25	ug/L	1	10/19/23	MH	SW8260D
1,3,5-Trimethylbenzene	ND	1.0	0.25	ug/L	1	10/19/23	MH	SW8260D
1,3-Dichlorobenzene	ND	1.0	0.25	ug/L	1	10/19/23	MH	SW8260D
1,3-Dichloropropane	ND	1.0	0.25	ug/L	1	10/19/23	MH	SW8260D
1,4-Dichlorobenzene	ND	1.0	0.25	ug/L	1	10/19/23	MH	SW8260D
2,2-Dichloropropane	ND	1.0	0.25	ug/L	1	10/19/23	MH	SW8260D
2-Chlorotoluene	ND	1.0	0.25	ug/L	1	10/19/23	MH	SW8260D
2-Hexanone	ND	5.0	2.5	ug/L	1	10/19/23	MH	SW8260D
2-Isopropyltoluene	ND	1.0	0.25	ug/L	1	10/19/23	MH	SW8260D
4-Chlorotoluene	ND	1.0	0.25	ug/L	1	10/19/23	MH	SW8260D
4-Methyl-2-pentanone	ND	5.0	2.5	ug/L	1	10/19/23	MH	SW8260D

Client ID: MW-5

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
Acetone	ND	25	2.5	ug/L	1	10/19/23	MH	SW8260D
Acrylonitrile	ND	1.0	0.25	ug/L	1	10/19/23	MH	SW8260D
Benzene	ND	0.70	0.25	ug/L	1	10/19/23	MH	SW8260D
Bromobenzene	ND	1.0	0.25	ug/L	1	10/19/23	MH	SW8260D
Bromochloromethane	ND	1.0	0.25	ug/L	1	10/19/23	MH	SW8260D
Bromodichloromethane	ND	0.50	0.25	ug/L	1	10/19/23	MH	SW8260D
Bromoform	ND	1.0	0.25	ug/L	1	10/19/23	MH	SW8260D
Bromomethane	ND	1.0	0.25	ug/L	1	10/19/23	MH	SW8260D
Carbon Disulfide	ND	5.0	0.25	ug/L	1	10/19/23	MH	SW8260D
Carbon tetrachloride	ND	1.0	0.25	ug/L	1	10/19/23	MH	SW8260D
Chlorobenzene	ND	1.0	0.25	ug/L	1	10/19/23	MH	SW8260D
Chloroethane	ND	1.0	0.25	ug/L	1	10/19/23	MH	SW8260D
Chloroform	ND	1.0	0.25	ug/L	1	10/19/23	MH	SW8260D
Chloromethane	ND	1.0	0.25	ug/L	1	10/19/23	MH	SW8260D
cis-1,2-Dichloroethene	24	1.0	0.25	ug/L	1	10/19/23	MH	SW8260D
cis-1,3-Dichloropropene	ND	0.40	0.25	ug/L	1	10/19/23	MH	SW8260D
Dibromochloromethane	ND	0.50	0.25	ug/L	1	10/19/23	MH	SW8260D
Dibromomethane	ND	1.0	0.25	ug/L	1	10/19/23	MH	SW8260D
Dichlorodifluoromethane	ND	1.0	0.25	ug/L	1	10/19/23	MH	SW8260D
Ethylbenzene	ND	1.0	0.25	ug/L	1	10/19/23	MH	SW8260D
Hexachlorobutadiene	ND	0.40	0.25	ug/L	1	10/19/23	MH	SW8260D
Isopropylbenzene	ND	1.0	0.25	ug/L	1	10/19/23	MH	SW8260D
m&p-Xylene	ND	1.0	0.25	ug/L	1	10/19/23	MH	SW8260D
Methyl ethyl ketone	ND	5.0	2.5	ug/L	1	10/19/23	MH	SW8260D
Methyl t-butyl ether (MTBE)	ND	1.0	0.25	ug/L	1	10/19/23	MH	SW8260D
Methylene chloride	ND	1.0	1.0	ug/L	1	10/19/23	MH	SW8260D
Naphthalene	ND	1.0	1.0	ug/L	1	10/19/23	MH	SW8260D
n-Butylbenzene	ND	1.0	0.25	ug/L	1	10/19/23	MH	SW8260D
n-Propylbenzene	ND	1.0	0.25	ug/L	1	10/19/23	MH	SW8260D
o-Xylene	ND	1.0	0.25	ug/L	1	10/19/23	MH	SW8260D
p-Isopropyltoluene	ND	1.0	0.25	ug/L	1	10/19/23	MH	SW8260D
sec-Butylbenzene	ND	1.0	0.25	ug/L	1	10/19/23	MH	SW8260D
Styrene	ND	1.0	0.25	ug/L	1	10/19/23	MH	SW8260D
tert-Butylbenzene	ND	1.0	0.25	ug/L	1	10/19/23	MH	SW8260D
Tetrachloroethene	1.5	1.0	0.25	ug/L	1	10/19/23	MH	SW8260D
Tetrahydrofuran (THF)	ND	2.5	2.5	ug/L	1	10/19/23	MH	SW8260D
Toluene	ND	1.0	0.25	ug/L	1	10/19/23	MH	SW8260D
Total Xylenes	ND	1.0	1.0	ug/L	1	10/19/23	MH	SW8260D
trans-1,2-Dichloroethene	ND	1.0	0.25	ug/L	1	10/19/23	MH	SW8260D
trans-1,3-Dichloropropene	ND	0.40	0.25	ug/L	1	10/19/23	MH	SW8260D
trans-1,4-dichloro-2-butene	ND	5.0	2.5	ug/L	1	10/19/23	MH	SW8260D
Trichloroethene	1.0	1.0	0.25	ug/L	1	10/19/23	MH	SW8260D
Trichlorofluoromethane	ND	1.0	0.25	ug/L	1	10/19/23	MH	SW8260D
Trichlorotrifluoroethane	ND	1.0	0.25	ug/L	1	10/19/23	MH	SW8260D
Vinyl chloride	8.5	1.0	0.25	ug/L	1	10/19/23	MH	SW8260D
<u>QA/QC Surrogates</u>								
% 1,2-dichlorobenzene-d4	101			%	1	10/19/23	MH	70 - 130 %
% Bromofluorobenzene	96			%	1	10/19/23	MH	70 - 130 %
% Dibromofluoromethane	100			%	1	10/19/23	MH	70 - 130 %

B

1

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
% Toluene-d8	97			%	1	10/19/23	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.

B = Present in blank, no bias suspected.

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:

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 08, 2023

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 Fax (860) 645-0823



Analysis Report

November 08, 2023

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:
Received by: CP
Analyzed by: see "By" below

Date Time
10/17/23 14:00
10/18/23 17:36

Laboratory Data

SDG ID: GCP28915
Phoenix ID: CP28921

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

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
Volatiles								
1,1,1,2-Tetrachloroethane	ND	1.0	0.25	ug/L	1	10/19/23	MH	SW8260D
1,1,1-Trichloroethane	ND	1.0	0.25	ug/L	1	10/19/23	MH	SW8260D
1,1,2,2-Tetrachloroethane	ND	0.50	0.25	ug/L	1	10/19/23	MH	SW8260D
1,1,2-Trichloroethane	ND	1.0	0.25	ug/L	1	10/19/23	MH	SW8260D
1,1-Dichloroethane	ND	1.0	0.25	ug/L	1	10/19/23	MH	SW8260D
1,1-Dichloroethene	ND	1.0	0.25	ug/L	1	10/19/23	MH	SW8260D
1,1-Dichloropropene	ND	1.0	0.25	ug/L	1	10/19/23	MH	SW8260D
1,2,3-Trichlorobenzene	ND	1.0	0.25	ug/L	1	10/19/23	MH	SW8260D
1,2,3-Trichloropropane	ND	1.0	0.25	ug/L	1	10/19/23	MH	SW8260D
1,2,4-Trichlorobenzene	ND	1.0	0.25	ug/L	1	10/19/23	MH	SW8260D
1,2,4-Trimethylbenzene	ND	1.0	0.25	ug/L	1	10/19/23	MH	SW8260D
1,2-Dibromo-3-chloropropane	ND	1.0	0.50	ug/L	1	10/19/23	MH	SW8260D
1,2-Dibromoethane	ND	1.0	0.25	ug/L	1	10/19/23	MH	SW8260D
1,2-Dichlorobenzene	ND	1.0	0.25	ug/L	1	10/19/23	MH	SW8260D
1,2-Dichloroethane	ND	0.60	0.25	ug/L	1	10/19/23	MH	SW8260D
1,2-Dichloropropane	ND	1.0	0.25	ug/L	1	10/19/23	MH	SW8260D
1,3,5-Trimethylbenzene	ND	1.0	0.25	ug/L	1	10/19/23	MH	SW8260D
1,3-Dichlorobenzene	ND	1.0	0.25	ug/L	1	10/19/23	MH	SW8260D
1,3-Dichloropropane	ND	1.0	0.25	ug/L	1	10/19/23	MH	SW8260D
1,4-Dichlorobenzene	ND	1.0	0.25	ug/L	1	10/19/23	MH	SW8260D
2,2-Dichloropropane	ND	1.0	0.25	ug/L	1	10/19/23	MH	SW8260D
2-Chlorotoluene	ND	1.0	0.25	ug/L	1	10/19/23	MH	SW8260D
2-Hexanone	ND	5.0	2.5	ug/L	1	10/19/23	MH	SW8260D
2-Isopropyltoluene	ND	1.0	0.25	ug/L	1	10/19/23	MH	SW8260D
4-Chlorotoluene	ND	1.0	0.25	ug/L	1	10/19/23	MH	SW8260D
4-Methyl-2-pentanone	ND	5.0	2.5	ug/L	1	10/19/23	MH	SW8260D

Client ID: MW-6

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
Acetone	ND	25	2.5	ug/L	1	10/19/23	MH	SW8260D
Acrylonitrile	ND	1.0	0.25	ug/L	1	10/19/23	MH	SW8260D
Benzene	ND	0.70	0.25	ug/L	1	10/19/23	MH	SW8260D
Bromobenzene	ND	1.0	0.25	ug/L	1	10/19/23	MH	SW8260D
Bromochloromethane	ND	1.0	0.25	ug/L	1	10/19/23	MH	SW8260D
Bromodichloromethane	ND	0.50	0.25	ug/L	1	10/19/23	MH	SW8260D
Bromoform	ND	1.0	0.25	ug/L	1	10/19/23	MH	SW8260D
Bromomethane	ND	1.0	0.25	ug/L	1	10/19/23	MH	SW8260D
Carbon Disulfide	ND	5.0	0.25	ug/L	1	10/19/23	MH	SW8260D
Carbon tetrachloride	ND	1.0	0.25	ug/L	1	10/19/23	MH	SW8260D
Chlorobenzene	ND	1.0	0.25	ug/L	1	10/19/23	MH	SW8260D
Chloroethane	ND	1.0	0.25	ug/L	1	10/19/23	MH	SW8260D
Chloroform	ND	1.0	0.25	ug/L	1	10/19/23	MH	SW8260D
Chloromethane	ND	1.0	0.25	ug/L	1	10/19/23	MH	SW8260D
cis-1,2-Dichloroethene	34	1.0	0.25	ug/L	1	10/19/23	MH	SW8260D
cis-1,3-Dichloropropene	ND	0.40	0.25	ug/L	1	10/19/23	MH	SW8260D
Dibromochloromethane	ND	0.50	0.25	ug/L	1	10/19/23	MH	SW8260D
Dibromomethane	ND	1.0	0.25	ug/L	1	10/19/23	MH	SW8260D
Dichlorodifluoromethane	ND	1.0	0.25	ug/L	1	10/19/23	MH	SW8260D
Ethylbenzene	ND	1.0	0.25	ug/L	1	10/19/23	MH	SW8260D
Hexachlorobutadiene	ND	0.40	0.25	ug/L	1	10/19/23	MH	SW8260D
Isopropylbenzene	ND	1.0	0.25	ug/L	1	10/19/23	MH	SW8260D
m&p-Xylene	ND	1.0	0.25	ug/L	1	10/19/23	MH	SW8260D
Methyl ethyl ketone	ND	5.0	2.5	ug/L	1	10/19/23	MH	SW8260D
Methyl t-butyl ether (MTBE)	ND	1.0	0.25	ug/L	1	10/19/23	MH	SW8260D
Methylene chloride	ND	1.0	1.0	ug/L	1	10/19/23	MH	SW8260D
Naphthalene	ND	1.0	1.0	ug/L	1	10/19/23	MH	SW8260D
n-Butylbenzene	ND	1.0	0.25	ug/L	1	10/19/23	MH	SW8260D
n-Propylbenzene	ND	1.0	0.25	ug/L	1	10/19/23	MH	SW8260D
o-Xylene	ND	1.0	0.25	ug/L	1	10/19/23	MH	SW8260D
p-Isopropyltoluene	ND	1.0	0.25	ug/L	1	10/19/23	MH	SW8260D
sec-Butylbenzene	ND	1.0	0.25	ug/L	1	10/19/23	MH	SW8260D
Styrene	ND	1.0	0.25	ug/L	1	10/19/23	MH	SW8260D
tert-Butylbenzene	ND	1.0	0.25	ug/L	1	10/19/23	MH	SW8260D
Tetrachloroethene	ND	1.0	0.25	ug/L	1	10/19/23	MH	SW8260D
Tetrahydrofuran (THF)	ND	2.5	2.5	ug/L	1	10/19/23	MH	SW8260D
Toluene	ND	1.0	0.25	ug/L	1	10/19/23	MH	SW8260D
Total Xylenes	ND	1.0	1.0	ug/L	1	10/19/23	MH	SW8260D
trans-1,2-Dichloroethene	ND	1.0	0.25	ug/L	1	10/19/23	MH	SW8260D
trans-1,3-Dichloropropene	ND	0.40	0.25	ug/L	1	10/19/23	MH	SW8260D
trans-1,4-dichloro-2-butene	ND	5.0	2.5	ug/L	1	10/19/23	MH	SW8260D
Trichloroethene	ND	1.0	0.25	ug/L	1	10/19/23	MH	SW8260D
Trichlorofluoromethane	ND	1.0	0.25	ug/L	1	10/19/23	MH	SW8260D
Trichlorotrifluoroethane	ND	1.0	0.25	ug/L	1	10/19/23	MH	SW8260D
Vinyl chloride	7.3	1.0	0.25	ug/L	1	10/19/23	MH	SW8260D
<u>QA/QC Surrogates</u>								
% 1,2-dichlorobenzene-d4	99			%	1	10/19/23	MH	70 - 130 %
% Bromofluorobenzene	97			%	1	10/19/23	MH	70 - 130 %
% Dibromofluoromethane	102			%	1	10/19/23	MH	70 - 130 %

B

1

Client ID: MW-6

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
% Toluene-d8	96			%	1	10/19/23	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.

B = Present in blank, no bias suspected.

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:

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 08, 2023

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 Fax (860) 645-0823



Analysis Report

November 08, 2023

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:
Received by: CP
Analyzed by: see "By" below

Date Time
10/17/23 15:15
10/18/23 17:36

Laboratory Data

SDG ID: GCP28915
Phoenix ID: CP28922

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

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
Volatiles								
1,1,1,2-Tetrachloroethane	ND	20	5.0	ug/L	20	10/19/23	MH	SW8260D
1,1,1-Trichloroethane	ND	20	5.0	ug/L	20	10/19/23	MH	SW8260D
1,1,2,2-Tetrachloroethane	ND	10	5.0	ug/L	20	10/19/23	MH	SW8260D
1,1,2-Trichloroethane	ND	20	5.0	ug/L	20	10/19/23	MH	SW8260D
1,1-Dichloroethane	ND	20	5.0	ug/L	20	10/19/23	MH	SW8260D
1,1-Dichloroethene	ND	20	5.0	ug/L	20	10/19/23	MH	SW8260D
1,1-Dichloropropene	ND	20	5.0	ug/L	20	10/19/23	MH	SW8260D
1,2,3-Trichlorobenzene	ND	20	5.0	ug/L	20	10/19/23	MH	SW8260D
1,2,3-Trichloropropane	ND	20	5.0	ug/L	20	10/19/23	MH	SW8260D
1,2,4-Trichlorobenzene	ND	20	5.0	ug/L	20	10/19/23	MH	SW8260D
1,2,4-Trimethylbenzene	ND	20	5.0	ug/L	20	10/19/23	MH	SW8260D
1,2-Dibromo-3-chloropropane	ND	20	10	ug/L	20	10/19/23	MH	SW8260D
1,2-Dibromoethane	ND	20	5.0	ug/L	20	10/19/23	MH	SW8260D
1,2-Dichlorobenzene	ND	20	5.0	ug/L	20	10/19/23	MH	SW8260D
1,2-Dichloroethane	ND	12	5.0	ug/L	20	10/19/23	MH	SW8260D
1,2-Dichloropropane	ND	20	5.0	ug/L	20	10/19/23	MH	SW8260D
1,3,5-Trimethylbenzene	ND	20	5.0	ug/L	20	10/19/23	MH	SW8260D
1,3-Dichlorobenzene	ND	20	5.0	ug/L	20	10/19/23	MH	SW8260D
1,3-Dichloropropane	ND	20	5.0	ug/L	20	10/19/23	MH	SW8260D
1,4-Dichlorobenzene	ND	20	5.0	ug/L	20	10/19/23	MH	SW8260D
2,2-Dichloropropane	ND	20	5.0	ug/L	20	10/19/23	MH	SW8260D
2-Chlorotoluene	ND	20	5.0	ug/L	20	10/19/23	MH	SW8260D
2-Hexanone	ND	100	50	ug/L	20	10/19/23	MH	SW8260D
2-Isopropyltoluene	ND	20	5.0	ug/L	20	10/19/23	MH	SW8260D
4-Chlorotoluene	ND	20	5.0	ug/L	20	10/19/23	MH	SW8260D
4-Methyl-2-pentanone	ND	100	50	ug/L	20	10/19/23	MH	SW8260D

Client ID: MW-1, DUP

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
Acetone	ND	500	50	ug/L	20	10/19/23	MH	SW8260D
Acrylonitrile	ND	20	5.0	ug/L	20	10/19/23	MH	SW8260D
Benzene	ND	14	5.0	ug/L	20	10/19/23	MH	SW8260D
Bromobenzene	ND	20	5.0	ug/L	20	10/19/23	MH	SW8260D
Bromochloromethane	ND	20	5.0	ug/L	20	10/19/23	MH	SW8260D
Bromodichloromethane	ND	10	5.0	ug/L	20	10/19/23	MH	SW8260D
Bromoform	ND	20	5.0	ug/L	20	10/19/23	MH	SW8260D
Bromomethane	ND	20	5.0	ug/L	20	10/19/23	MH	SW8260D
Carbon Disulfide	ND	100	5.0	ug/L	20	10/19/23	MH	SW8260D
Carbon tetrachloride	ND	20	5.0	ug/L	20	10/19/23	MH	SW8260D
Chlorobenzene	ND	20	5.0	ug/L	20	10/19/23	MH	SW8260D
Chloroethane	ND	20	5.0	ug/L	20	10/19/23	MH	SW8260D
Chloroform	ND	20	5.0	ug/L	20	10/19/23	MH	SW8260D
Chloromethane	ND	20	5.0	ug/L	20	10/19/23	MH	SW8260D
cis-1,2-Dichloroethene	2900	D 200	50	ug/L	200	10/20/23	MH	SW8260D
cis-1,3-Dichloropropene	ND	8.0	5.0	ug/L	20	10/19/23	MH	SW8260D
Dibromochloromethane	ND	10	5.0	ug/L	20	10/19/23	MH	SW8260D
Dibromomethane	ND	20	5.0	ug/L	20	10/19/23	MH	SW8260D
Dichlorodifluoromethane	ND	20	5.0	ug/L	20	10/19/23	MH	SW8260D
Ethylbenzene	ND	20	5.0	ug/L	20	10/19/23	MH	SW8260D
Hexachlorobutadiene	ND	8.0	5.0	ug/L	20	10/19/23	MH	SW8260D
Isopropylbenzene	ND	20	5.0	ug/L	20	10/19/23	MH	SW8260D
m&p-Xylene	ND	20	5.0	ug/L	20	10/19/23	MH	SW8260D
Methyl ethyl ketone	ND	100	50	ug/L	20	10/19/23	MH	SW8260D
Methyl t-butyl ether (MTBE)	ND	20	5.0	ug/L	20	10/19/23	MH	SW8260D
Methylene chloride	ND	20	20	ug/L	20	10/19/23	MH	SW8260D
Naphthalene	ND	20	20	ug/L	20	10/19/23	MH	SW8260D
n-Butylbenzene	ND	20	5.0	ug/L	20	10/19/23	MH	SW8260D
n-Propylbenzene	ND	20	5.0	ug/L	20	10/19/23	MH	SW8260D
o-Xylene	ND	20	5.0	ug/L	20	10/19/23	MH	SW8260D
p-Isopropyltoluene	ND	20	5.0	ug/L	20	10/19/23	MH	SW8260D
sec-Butylbenzene	ND	20	5.0	ug/L	20	10/19/23	MH	SW8260D
Styrene	ND	20	5.0	ug/L	20	10/19/23	MH	SW8260D
tert-Butylbenzene	ND	20	5.0	ug/L	20	10/19/23	MH	SW8260D
Tetrachloroethene	5800	D 200	50	ug/L	200	10/20/23	MH	SW8260D
Tetrahydrofuran (THF)	ND	50	50	ug/L	20	10/19/23	MH	SW8260D
Toluene	ND	20	5.0	ug/L	20	10/19/23	MH	SW8260D
Total Xylenes	ND	20	20	ug/L	20	10/19/23	MH	SW8260D
trans-1,2-Dichloroethene	29	20	5.0	ug/L	20	10/19/23	MH	SW8260D
trans-1,3-Dichloropropene	ND	8.0	5.0	ug/L	20	10/19/23	MH	SW8260D
trans-1,4-dichloro-2-butene	ND	100	50	ug/L	20	10/19/23	MH	SW8260D
Trichloroethene	2200	D 200	50	ug/L	200	10/20/23	MH	SW8260D
Trichlorofluoromethane	ND	20	5.0	ug/L	20	10/19/23	MH	SW8260D
Trichlorotrifluoroethane	ND	20	5.0	ug/L	20	10/19/23	MH	SW8260D
Vinyl chloride	370	20	5.0	ug/L	20	10/19/23	MH	SW8260D
QA/QC Surrogates								
% 1,2-dichlorobenzene-d4 (20x)	100			%	20	10/19/23	MH	70 - 130 %
% Bromofluorobenzene (20x)	97			%	20	10/19/23	MH	70 - 130 %
% Dibromofluoromethane (20x)	98			%	20	10/19/23	MH	70 - 130 %

Client ID: MW-1, DUP

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
% Toluene-d8 (20x)	101			%	20	10/19/23	MH	70 - 130 %
% 1,2-dichlorobenzene-d4 (200x)	102			%	200	10/20/23	MH	70 - 130 %
% Bromofluorobenzene (200x)	99			%	200	10/20/23	MH	70 - 130 %
% Dibromofluoromethane (200x)	102			%	200	10/20/23	MH	70 - 130 %
% Toluene-d8 (200x)	96			%	200	10/20/23	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.

B = Present in blank, no bias suspected.

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.

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 08, 2023

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 Fax (860) 645-0823



Analysis Report

November 08, 2023

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:
Received by: CP
Analyzed by: see "By" below

Date: 10/17/23
Time: 17:36

Laboratory Data

SDG ID: GCP28915
Phoenix ID: CP28923

Project ID: FORMER ROXY CLEANERS SITE
Client ID: TRANSPORT BLANK

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
Volatiles								
1,1,1,2-Tetrachloroethane	ND	1.0	0.25	ug/L	1	10/19/23	MH	SW8260D
1,1,1-Trichloroethane	ND	1.0	0.25	ug/L	1	10/19/23	MH	SW8260D
1,1,2,2-Tetrachloroethane	ND	0.50	0.25	ug/L	1	10/19/23	MH	SW8260D
1,1,2-Trichloroethane	ND	1.0	0.25	ug/L	1	10/19/23	MH	SW8260D
1,1-Dichloroethane	ND	1.0	0.25	ug/L	1	10/19/23	MH	SW8260D
1,1-Dichloroethene	ND	1.0	0.25	ug/L	1	10/19/23	MH	SW8260D
1,1-Dichloropropene	ND	1.0	0.25	ug/L	1	10/19/23	MH	SW8260D
1,2,3-Trichlorobenzene	ND	1.0	0.25	ug/L	1	10/19/23	MH	SW8260D
1,2,3-Trichloropropane	ND	1.0	0.25	ug/L	1	10/19/23	MH	SW8260D
1,2,4-Trichlorobenzene	ND	1.0	0.25	ug/L	1	10/19/23	MH	SW8260D
1,2,4-Trimethylbenzene	ND	1.0	0.25	ug/L	1	10/19/23	MH	SW8260D
1,2-Dibromo-3-chloropropane	ND	1.0	0.50	ug/L	1	10/19/23	MH	SW8260D
1,2-Dibromoethane	ND	1.0	0.25	ug/L	1	10/19/23	MH	SW8260D
1,2-Dichlorobenzene	ND	1.0	0.25	ug/L	1	10/19/23	MH	SW8260D
1,2-Dichloroethane	ND	0.60	0.25	ug/L	1	10/19/23	MH	SW8260D
1,2-Dichloropropane	ND	1.0	0.25	ug/L	1	10/19/23	MH	SW8260D
1,3,5-Trimethylbenzene	ND	1.0	0.25	ug/L	1	10/19/23	MH	SW8260D
1,3-Dichlorobenzene	ND	1.0	0.25	ug/L	1	10/19/23	MH	SW8260D
1,3-Dichloropropane	ND	1.0	0.25	ug/L	1	10/19/23	MH	SW8260D
1,4-Dichlorobenzene	ND	1.0	0.25	ug/L	1	10/19/23	MH	SW8260D
2,2-Dichloropropane	ND	1.0	0.25	ug/L	1	10/19/23	MH	SW8260D
2-Chlorotoluene	ND	1.0	0.25	ug/L	1	10/19/23	MH	SW8260D
2-Hexanone	ND	5.0	2.5	ug/L	1	10/19/23	MH	SW8260D
2-Isopropyltoluene	ND	1.0	0.25	ug/L	1	10/19/23	MH	SW8260D
4-Chlorotoluene	ND	1.0	0.25	ug/L	1	10/19/23	MH	SW8260D
4-Methyl-2-pentanone	ND	5.0	2.5	ug/L	1	10/19/23	MH	SW8260D

Client ID: TRANSPORT BLANK

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
Acetone	ND	25	2.5	ug/L	1	10/19/23	MH	SW8260D
Acrylonitrile	ND	1.0	0.25	ug/L	1	10/19/23	MH	SW8260D
Benzene	ND	0.70	0.25	ug/L	1	10/19/23	MH	SW8260D
Bromobenzene	ND	1.0	0.25	ug/L	1	10/19/23	MH	SW8260D
Bromochloromethane	ND	1.0	0.25	ug/L	1	10/19/23	MH	SW8260D
Bromodichloromethane	ND	0.50	0.25	ug/L	1	10/19/23	MH	SW8260D
Bromoform	ND	1.0	0.25	ug/L	1	10/19/23	MH	SW8260D
Bromomethane	ND	1.0	0.25	ug/L	1	10/19/23	MH	SW8260D
Carbon Disulfide	ND	5.0	0.25	ug/L	1	10/19/23	MH	SW8260D
Carbon tetrachloride	ND	1.0	0.25	ug/L	1	10/19/23	MH	SW8260D
Chlorobenzene	ND	1.0	0.25	ug/L	1	10/19/23	MH	SW8260D
Chloroethane	ND	1.0	0.25	ug/L	1	10/19/23	MH	SW8260D
Chloroform	ND	1.0	0.25	ug/L	1	10/19/23	MH	SW8260D
Chloromethane	ND	1.0	0.25	ug/L	1	10/19/23	MH	SW8260D
cis-1,2-Dichloroethene	ND	1.0	0.25	ug/L	1	10/19/23	MH	SW8260D
cis-1,3-Dichloropropene	ND	0.40	0.25	ug/L	1	10/19/23	MH	SW8260D
Dibromochloromethane	ND	0.50	0.25	ug/L	1	10/19/23	MH	SW8260D
Dibromomethane	ND	1.0	0.25	ug/L	1	10/19/23	MH	SW8260D
Dichlorodifluoromethane	ND	1.0	0.25	ug/L	1	10/19/23	MH	SW8260D
Ethylbenzene	ND	1.0	0.25	ug/L	1	10/19/23	MH	SW8260D
Hexachlorobutadiene	ND	0.40	0.25	ug/L	1	10/19/23	MH	SW8260D
Isopropylbenzene	ND	1.0	0.25	ug/L	1	10/19/23	MH	SW8260D
m&p-Xylene	ND	1.0	0.25	ug/L	1	10/19/23	MH	SW8260D
Methyl ethyl ketone	ND	5.0	2.5	ug/L	1	10/19/23	MH	SW8260D
Methyl t-butyl ether (MTBE)	ND	1.0	0.25	ug/L	1	10/19/23	MH	SW8260D
Methylene chloride	ND	1.0	1.0	ug/L	1	10/19/23	MH	SW8260D
Naphthalene	ND	1.0	1.0	ug/L	1	10/19/23	MH	SW8260D
n-Butylbenzene	ND	1.0	0.25	ug/L	1	10/19/23	MH	SW8260D
n-Propylbenzene	ND	1.0	0.25	ug/L	1	10/19/23	MH	SW8260D
o-Xylene	ND	1.0	0.25	ug/L	1	10/19/23	MH	SW8260D
p-Isopropyltoluene	ND	1.0	0.25	ug/L	1	10/19/23	MH	SW8260D
sec-Butylbenzene	ND	1.0	0.25	ug/L	1	10/19/23	MH	SW8260D
Styrene	ND	1.0	0.25	ug/L	1	10/19/23	MH	SW8260D
tert-Butylbenzene	ND	1.0	0.25	ug/L	1	10/19/23	MH	SW8260D
Tetrachloroethene	ND	1.0	0.25	ug/L	1	10/19/23	MH	SW8260D
Tetrahydrofuran (THF)	ND	2.5	2.5	ug/L	1	10/19/23	MH	SW8260D
Toluene	ND	1.0	0.25	ug/L	1	10/19/23	MH	SW8260D
Total Xylenes	ND	1.0	1.0	ug/L	1	10/19/23	MH	SW8260D
trans-1,2-Dichloroethene	ND	1.0	0.25	ug/L	1	10/19/23	MH	SW8260D
trans-1,3-Dichloropropene	ND	0.40	0.25	ug/L	1	10/19/23	MH	SW8260D
trans-1,4-dichloro-2-butene	ND	5.0	2.5	ug/L	1	10/19/23	MH	SW8260D
Trichloroethene	ND	1.0	0.25	ug/L	1	10/19/23	MH	SW8260D
Trichlorofluoromethane	ND	1.0	0.25	ug/L	1	10/19/23	MH	SW8260D
Trichlorotrifluoroethane	ND	1.0	0.25	ug/L	1	10/19/23	MH	SW8260D
Vinyl chloride	ND	1.0	0.25	ug/L	1	10/19/23	MH	SW8260D
<u>QA/QC Surrogates</u>								
% 1,2-dichlorobenzene-d4	101			%	1	10/19/23	MH	70 - 130 %
% Bromofluorobenzene	97			%	1	10/19/23	MH	70 - 130 %
% Dibromofluoromethane	101			%	1	10/19/23	MH	70 - 130 %

B

1

Client ID: TRANSPORT BLANK

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
% Toluene-d8	96			%	1	10/19/23	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.

B = Present in blank, no bias suspected.

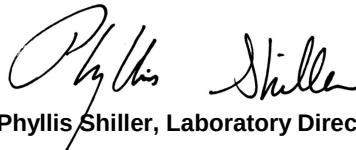
RL/PQL=Reporting/Practical Quantitation Level (Equivalent to NELAC LOQ, Limit of Quantitation) ND=Not Detected BRL=Below Reporting Level L=Biased Low LOD=Limit of Detection MDL=Method Detection Limit1

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:

TRIP BLANK INCLUDED.

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 08, 2023

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

November 08, 2023

QA/QC Data

SDG I.D.: GCP28915

Parameter	Blank	Blk RL	LCS %	LCSD %	LCS RPD	MS %	MSD %	MS RPD	% Rec Limits	% RPD Limits
QA/QC Batch 702735 (ug/L), QC Sample No: CP28918 (CP28915 (20X) , CP28916, CP28917, CP28918, CP28920, CP28921, CP28922 (20X) , CP28923)										
<u>Volatiles - Ground Water</u>										
1,1,1,2-Tetrachloroethane	ND	1.0	106	104	1.9	106	113	6.4	70 - 130	30
1,1,1-Trichloroethane	ND	1.0	100	103	3.0	106	114	7.3	70 - 130	30
1,1,2,2-Tetrachloroethane	ND	0.50	100	100	0.0	101	108	6.7	70 - 130	30
1,1,2-Trichloroethane	ND	1.0	104	103	1.0	108	115	6.3	70 - 130	30
1,1-Dichloroethane	ND	1.0	105	100	4.9	102	110	7.5	70 - 130	30
1,1-Dichloroethene	ND	1.0	98	100	2.0	103	112	8.4	70 - 130	30
1,1-Dichloropropene	ND	1.0	99	100	1.0	114	123	7.6	70 - 130	30
1,2,3-Trichlorobenzene	ND	1.0	106	108	1.9	93	107	14.0	70 - 130	30
1,2,3-Trichloropropane	ND	1.0	103	104	1.0	108	115	6.3	70 - 130	30
1,2,4-Trichlorobenzene	ND	1.0	106	109	2.8	95	109	13.7	70 - 130	30
1,2,4-Trimethylbenzene	ND	1.0	107	109	1.9	105	115	9.1	70 - 130	30
1,2-Dibromo-3-chloropropane	ND	1.0	104	108	3.8	106	114	7.3	70 - 130	30
1,2-Dibromoethane	ND	1.0	103	103	0.0	101	108	6.7	70 - 130	30
1,2-Dichlorobenzene	ND	1.0	102	103	1.0	100	109	8.6	70 - 130	30
1,2-Dichloroethane	ND	1.0	102	102	0.0	108	115	6.3	70 - 130	30
1,2-Dichloropropane	ND	1.0	101	101	0.0	108	118	8.8	70 - 130	30
1,3,5-Trimethylbenzene	ND	1.0	106	108	1.9	107	116	8.1	70 - 130	30
1,3-Dichlorobenzene	ND	1.0	102	103	1.0	99	108	8.7	70 - 130	30
1,3-Dichloropropane	ND	1.0	102	103	1.0	101	107	5.8	70 - 130	30
1,4-Dichlorobenzene	ND	1.0	104	105	1.0	99	109	9.6	70 - 130	30
2,2-Dichloropropane	ND	1.0	93	103	10.2	98	103	5.0	70 - 130	30
2-Chlorotoluene	ND	1.0	103	106	2.9	102	111	8.5	70 - 130	30
2-Hexanone	ND	5.0	97	96	1.0	93	97	4.2	70 - 130	30
2-Isopropyltoluene	ND	1.0	107	108	0.9	106	116	9.0	70 - 130	30
4-Chlorotoluene	ND	1.0	105	104	1.0	102	111	8.5	70 - 130	30
4-Methyl-2-pentanone	ND	5.0	95	95	0.0	100	104	3.9	70 - 130	30
Acetone	ND	5.0	93	88	5.5	90	96	6.5	70 - 130	30
Acrylonitrile	ND	5.0	98	98	0.0	94	97	3.1	70 - 130	30
Benzene	ND	0.70	101	101	0.0	114	122	6.8	70 - 130	30
Bromobenzene	ND	1.0	103	105	1.9	105	112	6.5	70 - 130	30
Bromochloromethane	ND	1.0	99	102	3.0	98	105	6.9	70 - 130	30
Bromodichloromethane	ND	0.50	107	105	1.9	114	121	6.0	70 - 130	30
Bromoform	ND	1.0	111	107	3.7	104	111	6.5	70 - 130	30
Bromomethane	ND	1.0	86	87	1.2	87	82	5.9	70 - 130	30
Carbon Disulfide	ND	1.0	102	102	0.0	104	113	8.3	70 - 130	30
Carbon tetrachloride	ND	1.0	91	88	3.4	111	114	2.7	70 - 130	30
Chlorobenzene	ND	1.0	103	102	1.0	102	110	7.5	70 - 130	30
Chloroethane	ND	1.0	101	102	1.0	105	110	4.7	70 - 130	30
Chloroform	ND	1.0	100	101	1.0	102	109	6.6	70 - 130	30
Chloromethane	ND	1.0	102	101	1.0	110	117	6.2	70 - 130	30

QA/QC Data

SDG I.D.: GCP28915

Parameter	Blank	Blk RL	LCS %	LCSD %	LCS RPD	MS %	MSD %	MS RPD	% Rec Limits	% RPD Limits
cis-1,2-Dichloroethene	ND	1.0	86	103	18.0	NC	NC	NC	70 - 130	30
cis-1,3-Dichloropropene	ND	0.40	105	106	0.9	109	118	7.9	70 - 130	30
Dibromochloromethane	ND	0.50	110	108	1.8	106	112	5.5	70 - 130	30
Dibromomethane	ND	1.0	101	99	2.0	104	114	9.2	70 - 130	30
Dichlorodifluoromethane	ND	1.0	96	98	2.1	102	107	4.8	70 - 130	30
Ethylbenzene	ND	1.0	102	102	0.0	101	111	9.4	70 - 130	30
Hexachlorobutadiene	0.28 J	0.40	101	102	1.0	92	106	14.1	70 - 130	30
Isopropylbenzene	ND	1.0	104	106	1.9	107	117	8.9	70 - 130	30
m&p-Xylene	ND	1.0	105	106	0.9	104	113	8.3	70 - 130	30
Methyl ethyl ketone	ND	5.0	94	90	4.3	88	92	4.4	70 - 130	30
Methyl t-butyl ether (MTBE)	ND	1.0	102	100	2.0	96	102	6.1	70 - 130	30
Methylene chloride	ND	1.0	99	97	2.0	96	105	9.0	70 - 130	30
Naphthalene	ND	1.0	106	109	2.8	97	107	9.8	70 - 130	30
n-Butylbenzene	ND	1.0	104	106	1.9	99	111	11.4	70 - 130	30
n-Propylbenzene	ND	1.0	102	105	2.9	104	114	9.2	70 - 130	30
o-Xylene	ND	1.0	104	105	1.0	104	112	7.4	70 - 130	30
p-Isopropyltoluene	ND	1.0	105	107	1.9	104	115	10.0	70 - 130	30
sec-Butylbenzene	ND	1.0	104	105	1.0	104	114	9.2	70 - 130	30
Styrene	ND	1.0	106	105	0.9	105	113	7.3	70 - 130	30
tert-Butylbenzene	ND	1.0	105	106	0.9	107	115	7.2	70 - 130	30
Tetrachloroethene	ND	1.0	100	102	2.0	NC	NC	NC	70 - 130	30
Tetrahydrofuran (THF)	ND	2.5	95	93	2.1	91	96	5.3	70 - 130	30
Toluene	ND	1.0	100	102	2.0	111	121	8.6	70 - 130	30
trans-1,2-Dichloroethene	ND	1.0	102	99	3.0	100	105	4.9	70 - 130	30
trans-1,3-Dichloropropene	ND	0.40	109	107	1.9	105	114	8.2	70 - 130	30
trans-1,4-dichloro-2-butene	ND	5.0	120	118	1.7	107	113	5.5	70 - 130	30
Trichloroethene	ND	1.0	101	101	0.0	NC	NC	NC	70 - 130	30
Trichlorofluoromethane	ND	1.0	99	100	1.0	104	111	6.5	70 - 130	30
Trichlorotrifluoroethane	ND	1.0	98	98	0.0	103	108	4.7	70 - 130	30
Vinyl chloride	ND	1.0	99	100	1.0	NC	NC	NC	70 - 130	30
% 1,2-dichlorobenzene-d4	101	%	100	102	2.0	101	101	0.0	70 - 130	30
% Bromofluorobenzene	97	%	100	100	0.0	98	98	0.0	70 - 130	30
% Dibromofluoromethane	99	%	103	101	2.0	101	100	1.0	70 - 130	30
% Toluene-d8	96	%	100	100	0.0	106	108	1.9	70 - 130	30

QA/QC Batch 702984 (ug/L), QC Sample No: CP28919 (CP28919)

Volatiles - Ground Water

1,1,1,2-Tetrachloroethane	ND	1.0	111	110	0.9				70 - 130	30
1,1,1-Trichloroethane	ND	1.0	102	103	1.0				70 - 130	30
1,1,2,2-Tetrachloroethane	ND	0.50	98	97	1.0				70 - 130	30
1,1,2-Trichloroethane	ND	1.0	105	103	1.9				70 - 130	30
1,1-Dichloroethane	ND	1.0	102	101	1.0				70 - 130	30
1,1-Dichloroethene	ND	1.0	97	97	0.0				70 - 130	30
1,1-Dichloropropene	ND	1.0	97	96	1.0				70 - 130	30
1,2,3-Trichlorobenzene	ND	1.0	104	105	1.0				70 - 130	30
1,2,3-Trichloropropane	ND	1.0	109	106	2.8				70 - 130	30
1,2,4-Trichlorobenzene	ND	1.0	104	106	1.9				70 - 130	30
1,2,4-Trimethylbenzene	ND	1.0	105	104	1.0				70 - 130	30
1,2-Dibromo-3-chloropropane	ND	1.0	112	107	4.6				70 - 130	30
1,2-Dibromoethane	ND	1.0	103	103	0.0				70 - 130	30
1,2-Dichlorobenzene	ND	1.0	101	102	1.0				70 - 130	30
1,2-Dichloroethane	ND	1.0	111	110	0.9				70 - 130	30
1,2-Dichloropropane	ND	1.0	97	97	0.0				70 - 130	30

QA/QC Data

SDG I.D.: GCP28915

Parameter	Blank	Blk RL	LCS %	LCSD %	LCS RPD	MS %	MSD %	MS RPD	% Rec Limits	% RPD Limits
1,3,5-Trimethylbenzene	ND	1.0	104	103	1.0				70 - 130	30
1,3-Dichlorobenzene	ND	1.0	101	100	1.0				70 - 130	30
1,3-Dichloropropane	ND	1.0	102	102	0.0				70 - 130	30
1,4-Dichlorobenzene	ND	1.0	101	100	1.0				70 - 130	30
2,2-Dichloropropane	ND	1.0	94	96	2.1				70 - 130	30
2-Chlorotoluene	ND	1.0	99	99	0.0				70 - 130	30
2-Hexanone	ND	5.0	99	94	5.2				70 - 130	30
2-Isopropyltoluene	ND	1.0	103	103	0.0				70 - 130	30
4-Chlorotoluene	ND	1.0	100	97	3.0				70 - 130	30
4-Methyl-2-pentanone	ND	5.0	97	95	2.1				70 - 130	30
Acetone	ND	5.0	98	102	4.0				70 - 130	30
Acrylonitrile	ND	5.0	99	97	2.0				70 - 130	30
Benzene	ND	0.70	99	97	2.0				70 - 130	30
Bromobenzene	ND	1.0	105	103	1.9				70 - 130	30
Bromochloromethane	ND	1.0	102	99	3.0				70 - 130	30
Bromodichloromethane	ND	0.50	111	109	1.8				70 - 130	30
Bromoform	ND	1.0	114	112	1.8				70 - 130	30
Bromomethane	ND	1.0	95	94	1.1				70 - 130	30
Carbon Disulfide	ND	1.0	98	98	0.0				70 - 130	30
Carbon tetrachloride	ND	1.0	101	99	2.0				70 - 130	30
Chlorobenzene	ND	1.0	102	100	2.0				70 - 130	30
Chloroethane	ND	1.0	102	104	1.9				70 - 130	30
Chloroform	ND	1.0	102	102	0.0				70 - 130	30
Chloromethane	ND	1.0	102	102	0.0				70 - 130	30
cis-1,2-Dichloroethene	ND	1.0	94	89	5.5				70 - 130	30
cis-1,3-Dichloropropene	ND	0.40	105	104	1.0				70 - 130	30
Dibromochloromethane	ND	0.50	112	110	1.8				70 - 130	30
Dibromomethane	ND	1.0	103	103	0.0				70 - 130	30
Dichlorodifluoromethane	ND	1.0	105	103	1.9				70 - 130	30
Ethylbenzene	ND	1.0	99	99	0.0				70 - 130	30
Hexachlorobutadiene	0.30 J	0.40	96	98	2.1				70 - 130	30
Isopropylbenzene	ND	1.0	97	96	1.0				70 - 130	30
m&p-Xylene	ND	1.0	103	102	1.0				70 - 130	30
Methyl ethyl ketone	ND	5.0	93	92	1.1				70 - 130	30
Methyl t-butyl ether (MTBE)	ND	1.0	107	105	1.9				70 - 130	30
Methylene chloride	ND	1.0	101	98	3.0				70 - 130	30
Naphthalene	ND	1.0	106	106	0.0				70 - 130	30
n-Butylbenzene	ND	1.0	96	97	1.0				70 - 130	30
n-Propylbenzene	ND	1.0	98	97	1.0				70 - 130	30
o-Xylene	ND	1.0	104	101	2.9				70 - 130	30
p-Isopropyltoluene	ND	1.0	101	99	2.0				70 - 130	30
sec-Butylbenzene	ND	1.0	96	97	1.0				70 - 130	30
Styrene	ND	1.0	105	105	0.0				70 - 130	30
tert-Butylbenzene	ND	1.0	100	101	1.0				70 - 130	30
Tetrachloroethene	ND	1.0	100	100	0.0				70 - 130	30
Tetrahydrofuran (THF)	ND	2.5	92	91	1.1				70 - 130	30
Toluene	ND	1.0	100	99	1.0				70 - 130	30
trans-1,2-Dichloroethene	ND	1.0	101	102	1.0				70 - 130	30
trans-1,3-Dichloropropene	ND	0.40	108	109	0.9				70 - 130	30
trans-1,4-dichloro-2-butene	ND	5.0	74	72	2.7				70 - 130	30
Trichloroethene	ND	1.0	100	98	2.0				70 - 130	30
Trichlorofluoromethane	ND	1.0	100	100	0.0				70 - 130	30
Trichlorotrifluoroethane	ND	1.0	98	97	1.0				70 - 130	30

QA/QC Data

SDG I.D.: GCP28915

Parameter	Blank	Blk RL	LCS %	LCSD %	LCS RPD	MS %	MSD %	MS RPD	% Rec Limits	% RPD Limits
Vinyl chloride	ND	1.0	96	95	1.0				70 - 130	30
% 1,2-dichlorobenzene-d4	100	%	101	101	0.0				70 - 130	30
% Bromofluorobenzene	99	%	101	101	0.0				70 - 130	30
% Dibromofluoromethane	101	%	101	104	2.9				70 - 130	30
% Toluene-d8	96	%	99	99	0.0				70 - 130	30

Comment:

A LCS and LCS Duplicate were performed instead of a matrix spike and matrix spike duplicate.

QA/QC Batch 702987 (ug/L), QC Sample No: CP29631 (CP28915 (200X) , CP28918 (5X, 40X) , CP28922 (200X))

Volatiles - Ground Water

cis-1,2-Dichloroethene	ND	1.0	84	101	18.4				70 - 130	30
Tetrachloroethene	ND	1.0	104	103	1.0				70 - 130	30
Trichloroethene	ND	1.0	101	103	2.0				70 - 130	30
Vinyl chloride	ND	1.0	103	102	1.0				70 - 130	30
% 1,2-dichlorobenzene-d4	101	%	100	101	1.0				70 - 130	30
% Bromofluorobenzene	98	%	101	102	1.0				70 - 130	30
% Dibromofluoromethane	100	%	101	101	0.0				70 - 130	30
% Toluene-d8	96	%	99	100	1.0				70 - 130	30

Comment:

A LCS and LCS Duplicate were performed instead of a matrix spike and matrix spike duplicate.

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



Phyllis Shiller, Laboratory Director

November 08, 2023

Criteria: None
State: NY

Sample Criteria Exceedances Report
GCP28915 - HENNESSY

SampNo	Acode	Phoenix Analyte	Criteria	Result	RL	Criteria	RL Criteria	Analysis Units

*** No Data to Display ***

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

November 08, 2023

SDG I.D.: GCP28915

The samples in this delivery group were received at 1.2°C.
(Note acceptance criteria for relevant matrices is above freezing up to 6°C)



NYIN/JPA CHAIN OF CUSTODY RECORD

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

Customer: Hennessey Engineering + Consulting
Address: PO Box 1180
Voorheesville NY 12186

Project: Former Ruxy Cleaners Site
Report to: Bill Hennessey
Invoice to: Bill Hennessey
QUOTE # : _____

Project P.O.:

Contact Options:

Phone: _____
Fax: _____
Email: bill@hennesseyec.com

Temp: _____ °C Pg. _____ of _____

Coolant: ☒ IPK ☐ ICE ☐ No ☐ Yes

This section MUST be completed with Bottle Quantities.

Client Sample - Information - Identification		Analysis Request		
Sampler's Signature	Date	Analysis Request		
<u>[Signature]</u>	<u>10/17/23</u>			
Matrix Code: DW=Drinking Water GW=Ground Water SW=Surface Water WW=Waste Water RW=Raw Water SE=Sludge SL=Sludge S=Soil SD=Solid W=Wipe B=Bulk L=Liquid		OIL=Oil		
PHOENIX USE ONLY SAMPLE #	Customer Sample Identification	Sample Matrix	Date Sampled	Time Sampled
28915	MW-1	GW	10/17/23	3:15
28916	MW-2R	GW		12:15
28917	MW-2DR	GW		11:30
28918	MW-3	GW		2:30
28919	MW-4	GW		10:30
28920	MW-5	GW		1:20
28921	MW-6	GW		2:00
28922	MW-1, DUP	GW	10/17/23	3:15
28923	Transport blank			
Relinquished by: <u>[Signature]</u> Date: <u>10/17/23</u> Time: <u>17:30</u>				
Accepted by: <u>[Signature]</u> Date: <u>10/18/23</u> Time: <u>17:30</u>				
Comments, Special Requirements or Regulations: MW-3 has MS + MSD				
Data Format: ☐ Phoenix Std Report ☒ EQUIS ☐ Excel ☐ NJ Hazsite EDD ☐ PDF ☒ NY EZ EDD (ASP) ☐ GIS/Key ☐ Other				
Data Package: ☐ NJ Reduced Deliv. * ☐ Other ☐ NY Enhanced (ASP B) *				
Turnaround: ☐ 1 Day* ☐ 2 Days* ☐ 3 Days* ☐ 4 Days* ☐ 5 Days* ☒ Standard * SURCHARGE APPLIES				
Res. Criteria ☐ Non-Res. Criteria ☐ Impact to GW Soil ☐ Cleanup Criteria ☐ Impact to GW soil screen Criteria ☐ GW Criteria				
NY TOGS GW ☐ CP-51 SOIL ☐ 375SCO ☐ Unrestricted Soil ☐ 375SCO ☐ Residential Soil ☐ 375SCO ☐ Residential ☐ Restricted Soil ☐ 375SCO ☐ Commercial Soil ☐ 375SCO ☐ Industrial Soil ☐ Subpart 5 DW				
PA Clean Fill Limits ☐ PA-GW ☐ Reg Fill Limits ☐ PA Soil Restricted ☐ PA Soil non-restricted ☐				
State Samples Collected? ☒				