

Biannual Sampling Report

FORMER ROXY CLEANERS SITE

**156 Delaware Avenue
Delmar, NY 12054**

NYSDEC SITE NO.: 401058



PREPARED FOR:

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

PREPARED BY:

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

Sample Date: July 1, 2021

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

1.0 Background

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

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

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

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

2.0 Site Monitoring

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

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

SSDS Monitoring

This task included general system review of the blower and piping in the building. 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 to inspect and confirms 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.

The inline fan was not measured because an access port was not observed and the manometer reading on the pipe was assumed to be adequate at this time.

Groundwater Monitoring

Groundwater monitoring included monitoring well inspection and groundwater sampling. According to the Site Management Plan, groundwater monitoring is proposed to be completed bi-annually (approximately every 6 months) for the purpose of monitoring levels of chlorinated VOCs and tracking the effectiveness of the Daramend application. The Department approved future annual sampling per letter of February 11, 2022.

Sampling for this period was completed by Precision Environmental Services, Ballston Spa, NY. Alpha Analytical provided laboratory services. (ELAP #11148). The DUSR was completed by Alpha Geoscience and is in Appendix C.

Per Table 1 in the appendices, constituents of concern, including PCE and its daughter compounds, were found in site monitoring wells. Results from the prior PRR period are presented in Table 2 for comparison purposes. Trend graphs are presented in Appendix A.

Inside the easement/treatment area, results have historically been low or ND (No detection above the Method Detection Limit), and this sampling period is no exception. Of note, PCE was detected at 1.7 µg/L in MW-2DR in the prior sampling period (Dec. 30, 2020), while during this period it was ND.

	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>
PCE	ND	ND	4500	99	ND	0.64	ND
TCE	ND	ND	1500	110	ND	0.77	0.18
cis-DCE	ND	ND	2100	600	ND	20	18
Vinyl Chloride	0.11	0.11	320	220	ND	13	3.2

Outside the easement and downstream, contaminant levels exhibited decreased levels from the prior sampling period. PCE was detected at 7,600 µg/L in MW-1 in the prior sampling period, while during this period it was 4,500 µg/L. In comparison to prior contaminant levels of Dec. 2020 described in Table 2, all compounds except for vinyl chloride were lower during this reporting period.

Monitoring wells 1, 3, 4, 5, and 6 required repair. New gaskets, washers locks, and bolts were replaced. MW-5 cover replacement was scheduled for the December 2021 sampling event.

Downgradient Considerations

In consideration of fluctuating contaminant levels downgradient of the remedy, Figure 4-2 from the Final Engineering Report by CDM Smith was added to the Figures for this report. It provides estimated areas of contamination left behind from the remedial action. This estimated area was also superimposed on our Contaminants Concentration Figure.

The high concentrations currently in MW-1 can be expected based on this information. Interestingly, as described in Table 2, they are relatively consistent with pre-remedial and post remedial monitoring. The Nov. 1, 2019 and April 14, 2020 sampling results may be anomalies.

The owner reports that plowed snow from nearby Delaware Plaza historically was relocated to the vacant land adjacent to and south of MW-1. This would likely impact the shallow groundwater flow in this area. As such, the owner has requested the snow plow company to stop this activity.

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. This should again be reviewed during the next sampling period.

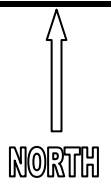
FIGURES

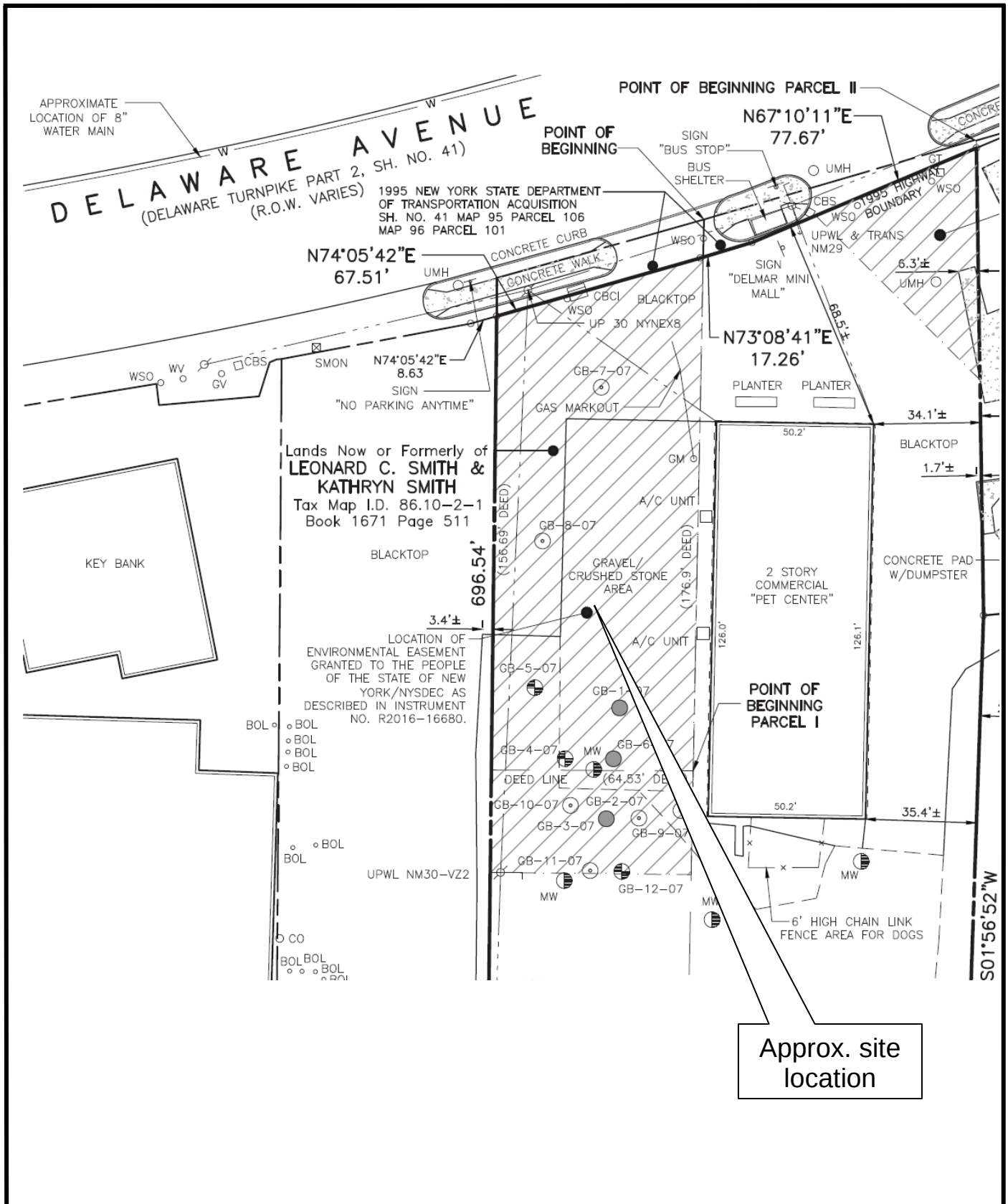


**Hennessy
Engineering & Consulting**

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Voorheesville, NY 12186

Figure 2 – Aerial/Parcel Map
156 Delaware Avenue
Town of Bethlehem Albany County, New York
Source: Albany Co. GIS
Scale: none





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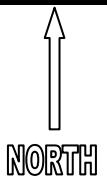
Figure 3 Site Map Excerpt

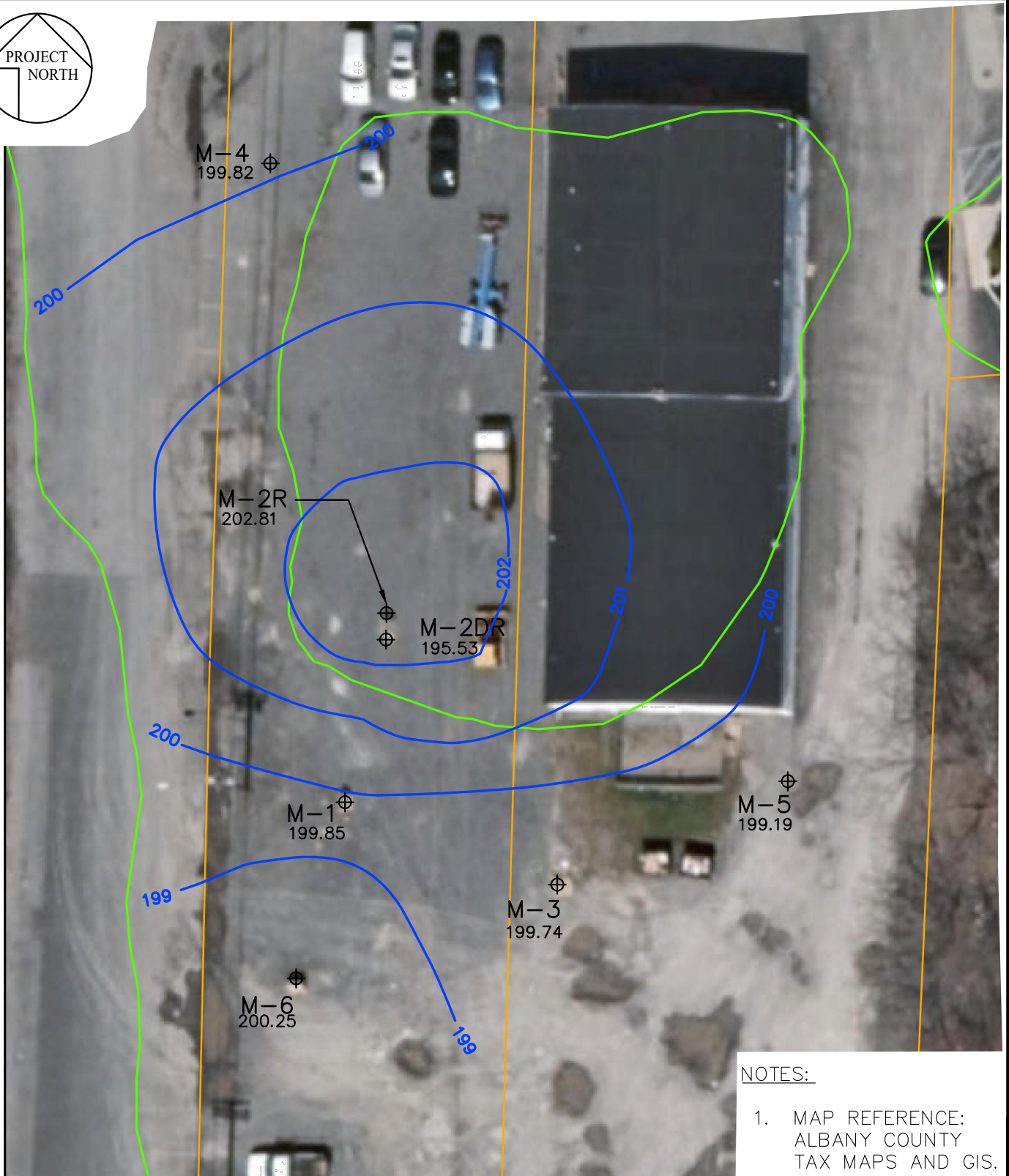
156 Delaware Avenue

Town of Bethlehem Albany County, New York

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

Scale: none





NOTES:

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

LEGEND

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



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SITE PLAN & GW CONTOURS

FORMER DELMAR ROXY

NYSDEC # 401058

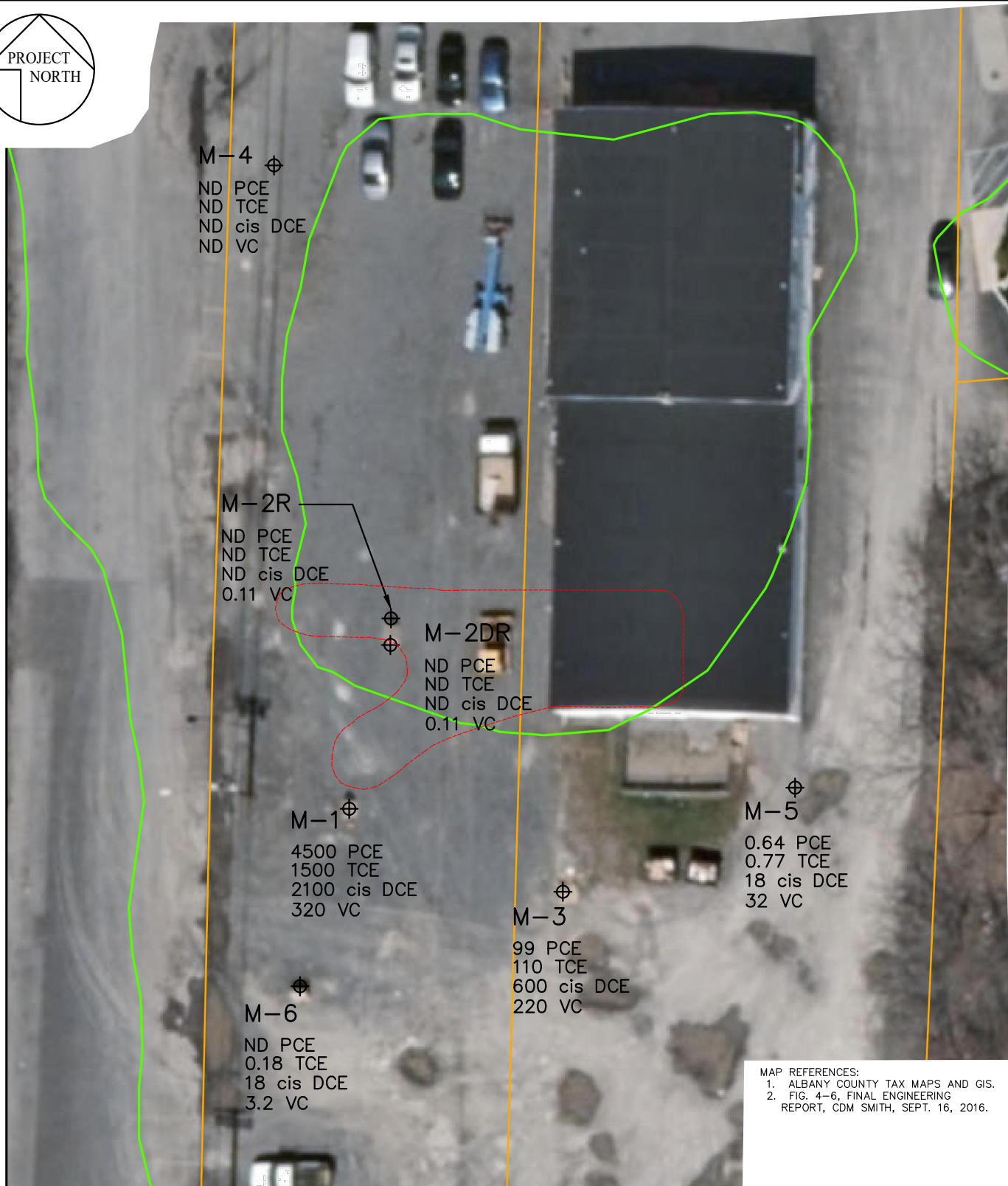
154 DELAWARE AVENUE

TOWN OF BETHLEHEM

COUNTY OF ALBANY, NY

Scale: 1"=30'±

DATE: MAR. 25, 2022



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



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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: MAR. 25, 2022

Tables

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				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	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	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	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		2.5	0.7	20		2.5	0.7	18																							

TABLE 2

DETECTIONS Groundwater Analytical Summary
PRR period of January 16, 2018 to January 16, 2021

Former Roxy Cleaners
154 Delaware Avenue
Delmar, NY 12054

Analyte	6/28, 2011	11/3, 2011	1/11/2018							11/15/2018								4/19/2019								11/1/2019								4/14/2020								12/30/2020								NYSDEC GW Standard ^{*1}																
	CVOCS - EPA 8260C	MW-1 ^{*2}	MW-1 ^{*2}	MW-1	MW-2R	MW-2DR	MW-3	MW-4	MW-5	MW-6	MW-1	MW-2R	MW-2DR	MW-3	MW-4	MW-4 DUP	MW-5	MW-6	MW-1	MW-2R	MW-2DR	MW-3	MW-4	MW-1 DUP	MW-5	MW-6	MW-1	MW-2R	MW-2DR	MW-3	MW-4	MW-5	MW-6	MW-1	MW-2R	MW-2DR	MW-3	MW-4	MW-5	MW-6	MW-1 ^{*4}	MW-2R	MW-2DR	MW-3	MW-4	MW-5	MW-6																			
cis 1,2 dichloroethene	2600 j	2200	2400	ND	ND	690	ND	21	6.2	3400	ND	2.0	14	1.3	-	43	19	4,300	ND	ND	1,100	0.80	-	38	16	590	ND	ND	1,600	ND	ND	12	1	ND	ND	1,300	1.0 j	55	22.00	3,800	ND	ND	890	0.79J	34	20	5																			
Trichloroethene	2700 j	2400	3200	ND	7.4	170	ND	ND	ND	2600	ND	ND	3.50	ND	-	1.40	0.28	2,900	ND	0.96	ND	ND	-	1.30	0.32	500	2.00	ND	28	ND	ND	0.24	2	ND	1.10	300	ND	1.8	0.38 j	3,300	ND	0.19J	140	ND	0.92	0.26J	5																			
Tetrachloroethene	7100 j	6100	9700	ND	9.1	90	ND	ND	ND	8000	ND	ND	3.40	ND	-	1.30	0.27	6,100	ND	6.10	210	ND	-	1.70		2,500	7.30	ND	32	ND	ND	ND	22	ND	4.0	190	ND	1.9	ND	7,600	ND	1.7	130.0	ND	0.53	ND	5																			
VINYL CHLORIDE	380	380	ND	ND	ND	230	ND	16	ND	410	0.31	0.52	4.30	0.29	-	17.00	2.90	640	0.15	ND	470	ND	-	27	1.70	78	0.08	ND	300	ND	0.42	2	ND	0.12 j	0.17 j	720	0.16 j	45	1.90	500	ND	ND	170	0.16J	11	0.52J	2																			
acetone	N/A	N/A	ND	15	ND	ND	ND	ND	ND	ND	3.20	2.10	7.00	ND	-	1.60	ND	ND	3.80	7.90	ND	12.0	-	3.90	5.40	ND	9.4	61	ND	5.8	9.40	10	78	95	25	52	1.8 j	23 j	33.00	58j	430E	1.7j	ND	ND	ND	ND	5																			
2 butanone	N/A	N/A	ND	ND	ND	150	ND	ND	ND	ND	ND	ND	ND	ND	-	ND	ND	ND	ND	ND	ND	ND	-	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND																				
1, 1 DCE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	2.90	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	4.6 j	ND	0.32 j	ND	4.6j	ND	ND	ND	ND	ND	ND	ND	5																		
trans 1,2 DCE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	12.00	ND	ND	1.2	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	19 j	ND	2.0 j	ND	240	ND	ND	ND	ND	ND	ND	ND	5																		
Benzene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.45	ND	ND	ND	ND	ND	ND	ND	ND	0.34	ND	ND	ND	ND	ND	ND	ND	ND	0.63	ND	ND	ND	ND	ND	ND	0.65	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	1																		
Toluene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.73	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	5																		
EMERGING CONTAMINANTS																																																		NYSDEC GW Standard ^{*3}																
1,4-dioxane																																																										350 ng/L ^{*3}								
PFBA																																																																		10 ng/L ^{*3}
PFHxS																																																																		10 ng/L ^{*3}
PFOA																																																																		6.7 ng/L ^{*3}
NEtFOSAA																																																																		10 ng/L ^{*3}
PFPea																																																																		10 ng/L ^{*3}
PFBS																																																																		10 ng/L ^{*3}
PFHxA																																																																		10 ng/L ^{*3}
PFHpA																																																																		10 ng/L ^{*3}
6:2FTS																																																																		10 ng/L ^{*3}
PFNA																																																																		10 ng/L ^{*3}
PFOS																																																																		2.7 ng/L ^{*3}

^{*1} = 6 NYCRR Part 703.5 Surface and Groundwater Quality Standards.

^{*2} = 2011 Results from NYSDEC Remedial Investigation

^{*3} = June 2021 Addendum to TOGS 1.1.1 and Jan. 2021 NYSDEC PFAS Sampling Analysis and Assessment where applicable

^{*4} = Jan. 11, 2021 sample date

Laboratory analysis performed by Alpha Environmental

All results reported in ug/l (parts per billion) unless otherwise noted

E = exceeded instrument calibration

j = estimated value

ND = Not detected above the laboratories method detection limit

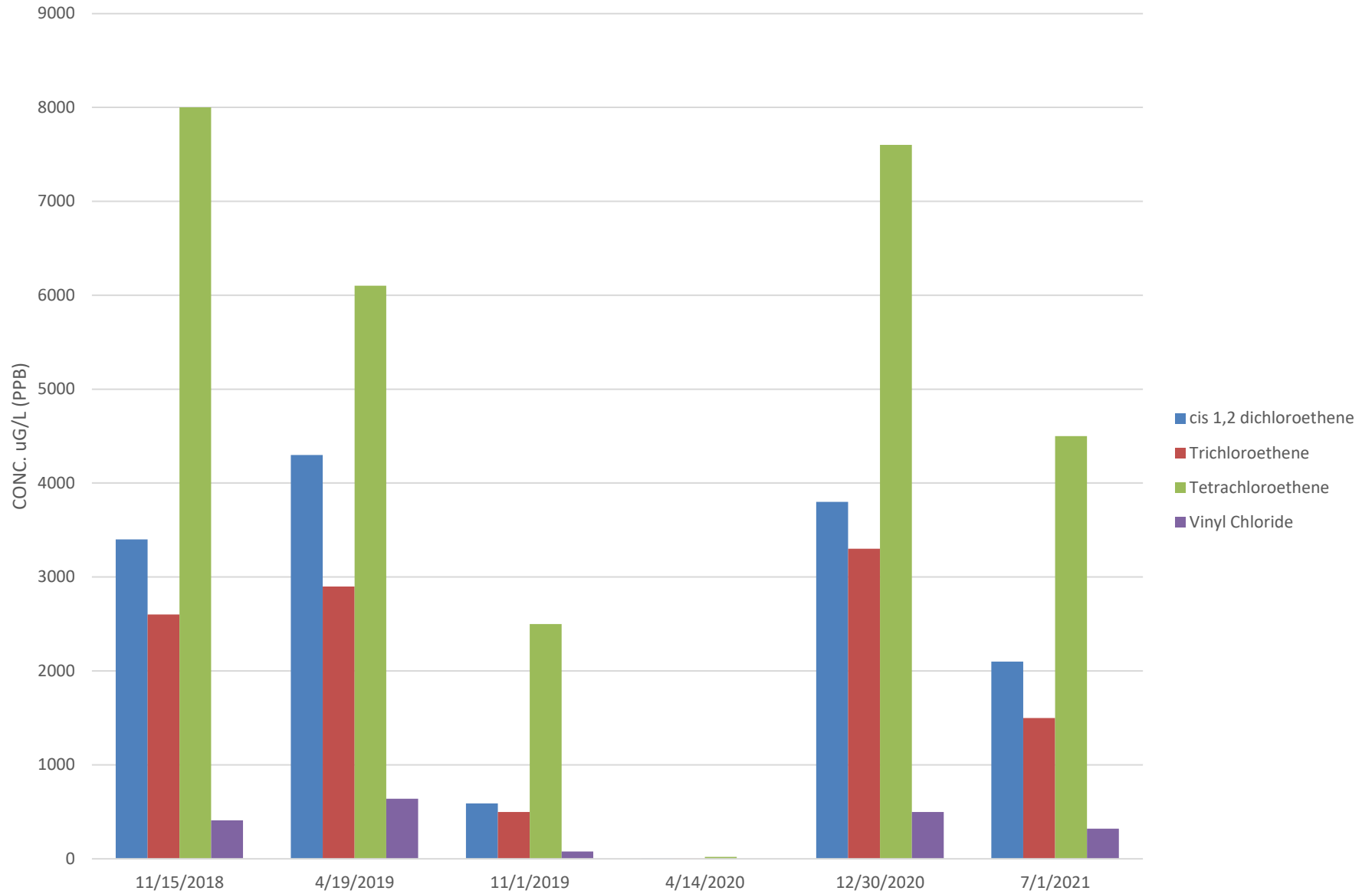
N/A = Not Applicable/Not Available

RL = Laboratory Reporting Limit

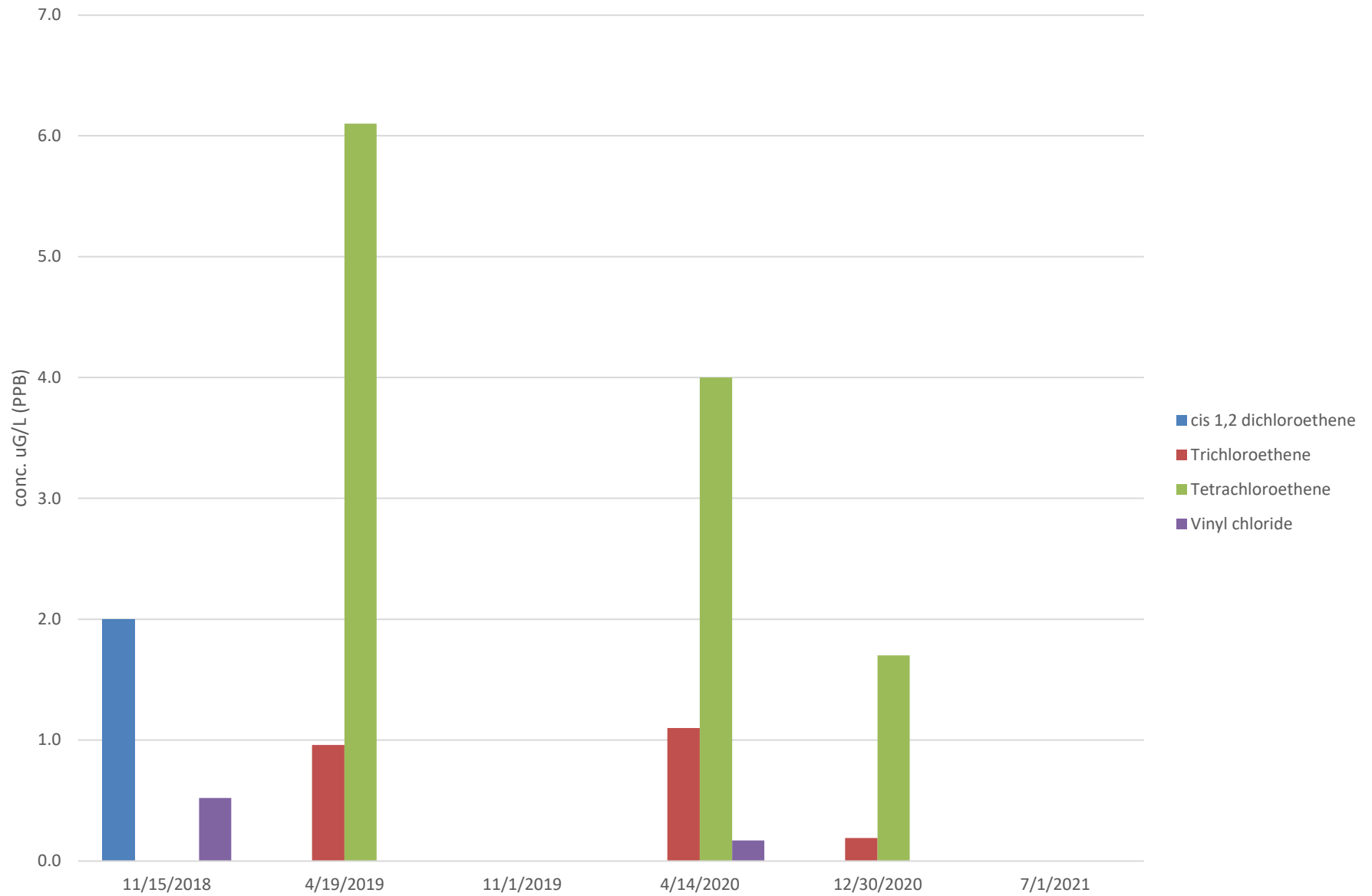
APPENDIX A

Trend Graphs

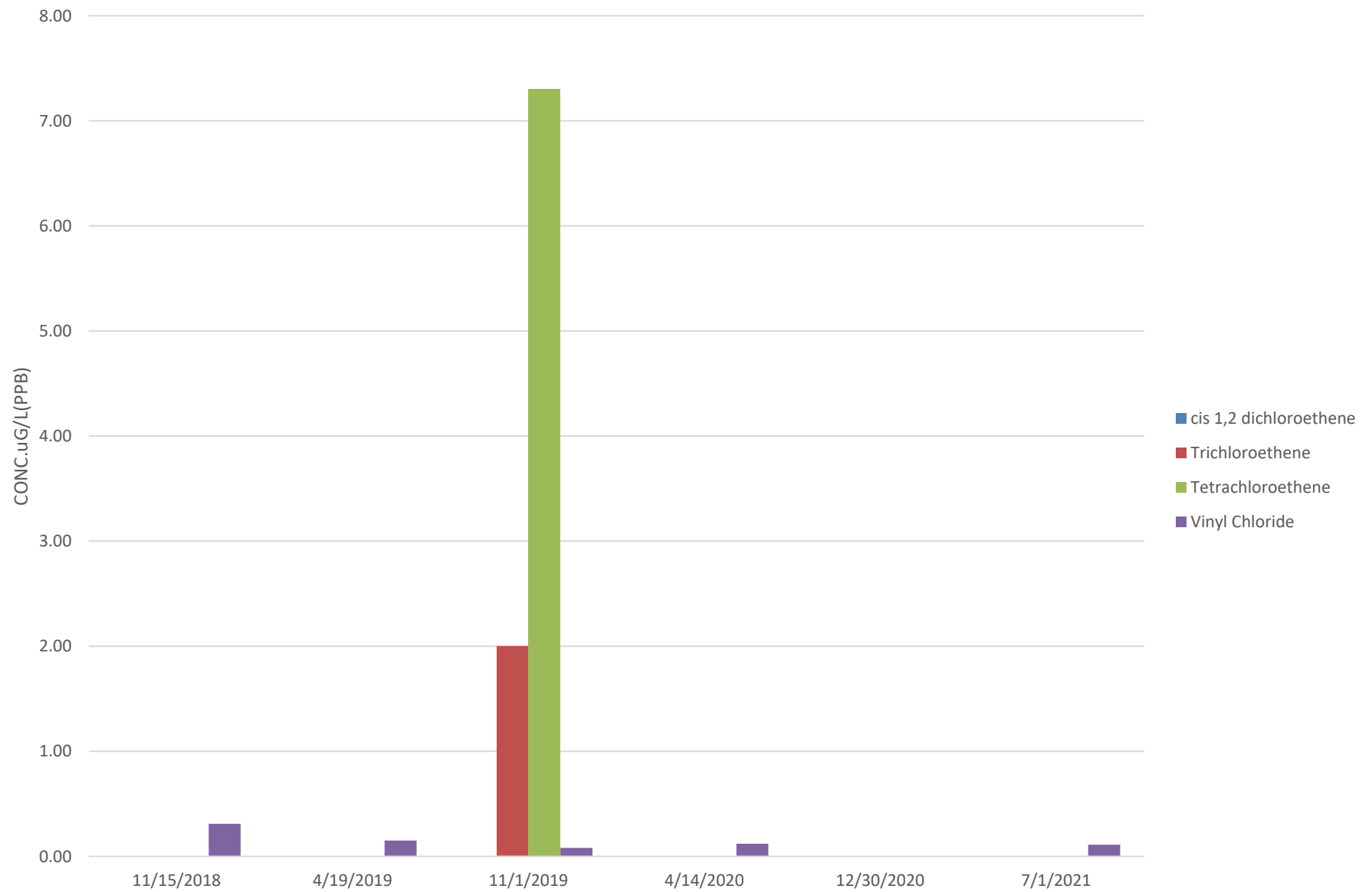
MW-1



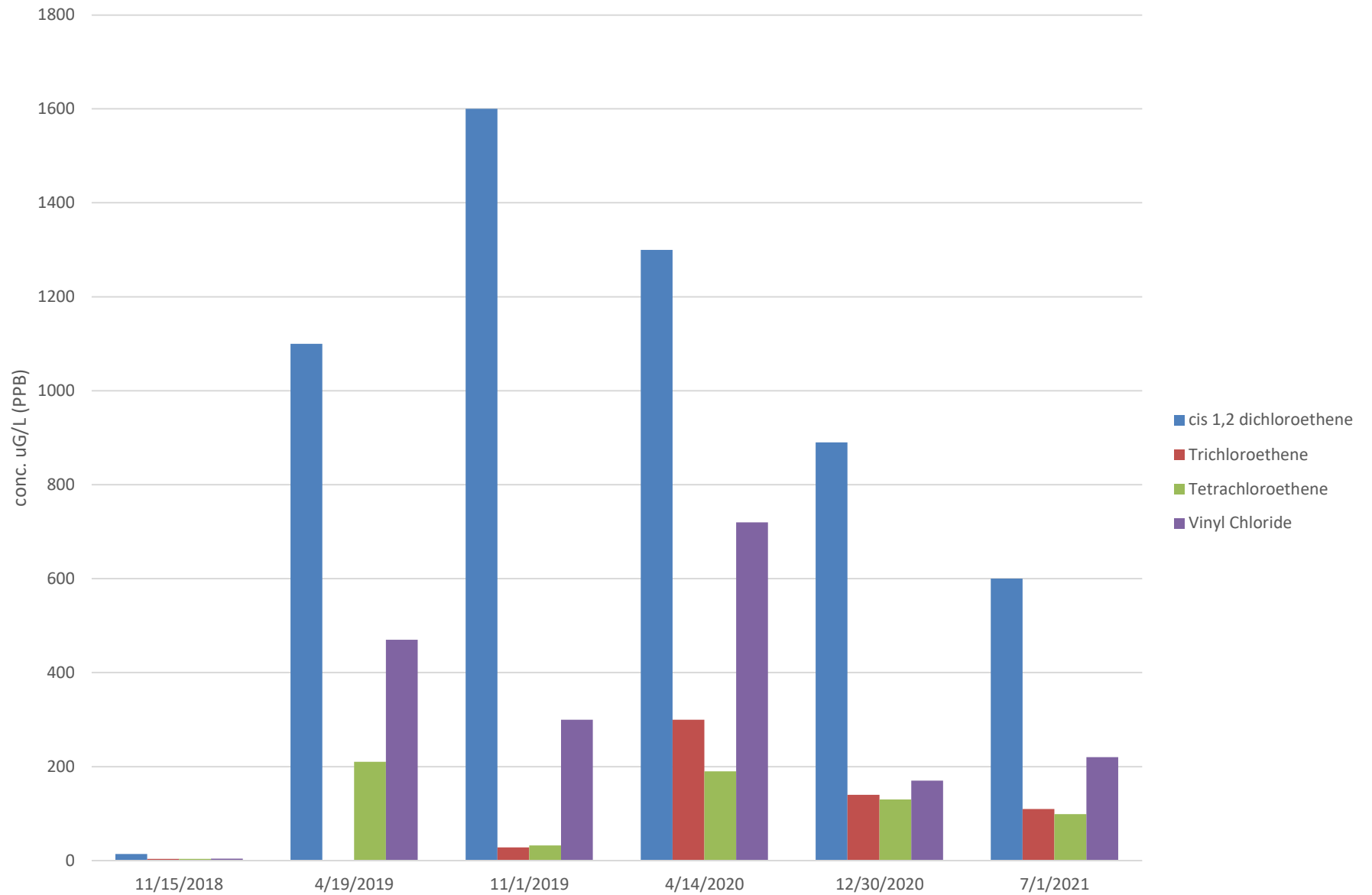
MW 2DR



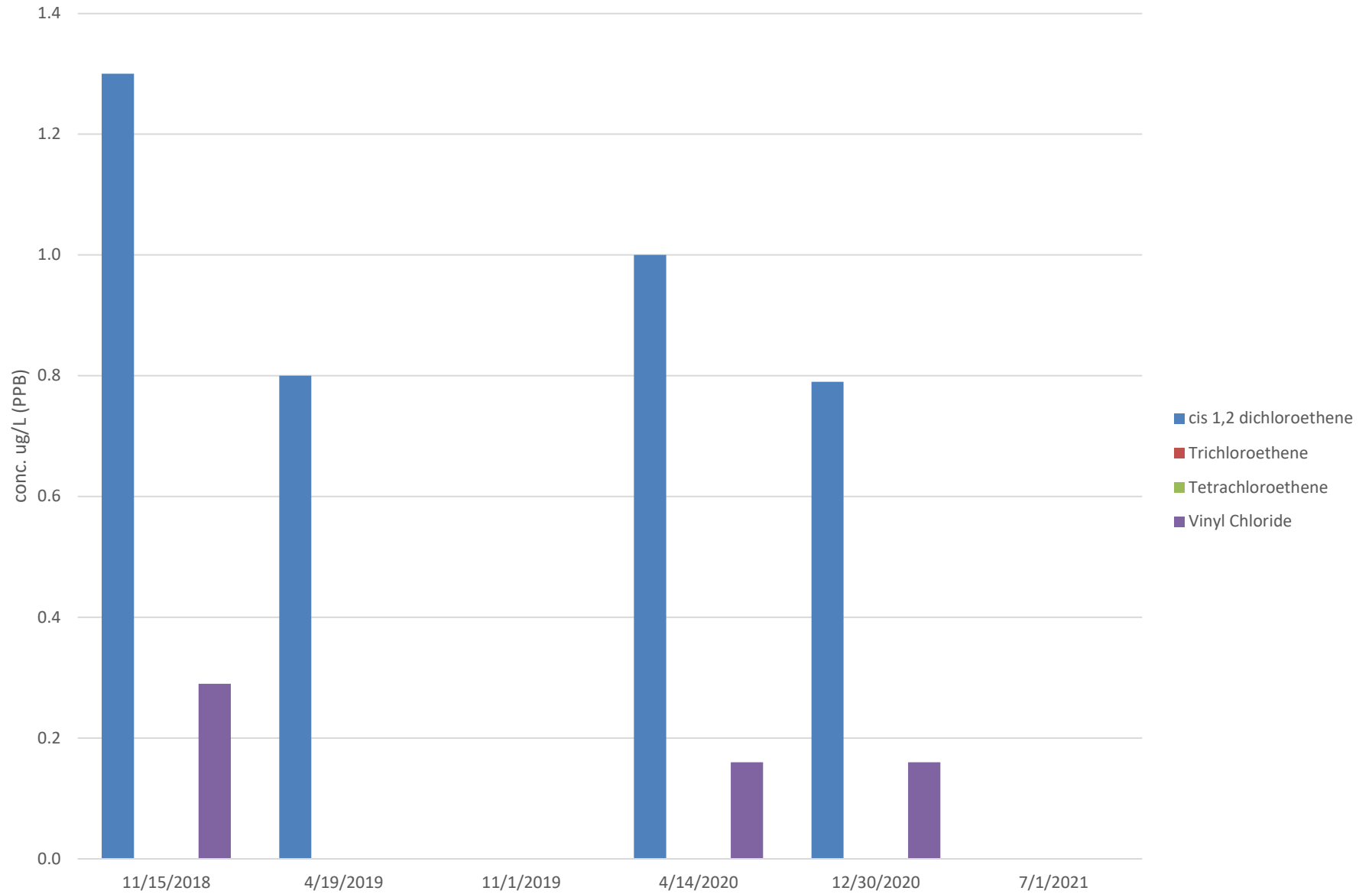
MW-2R



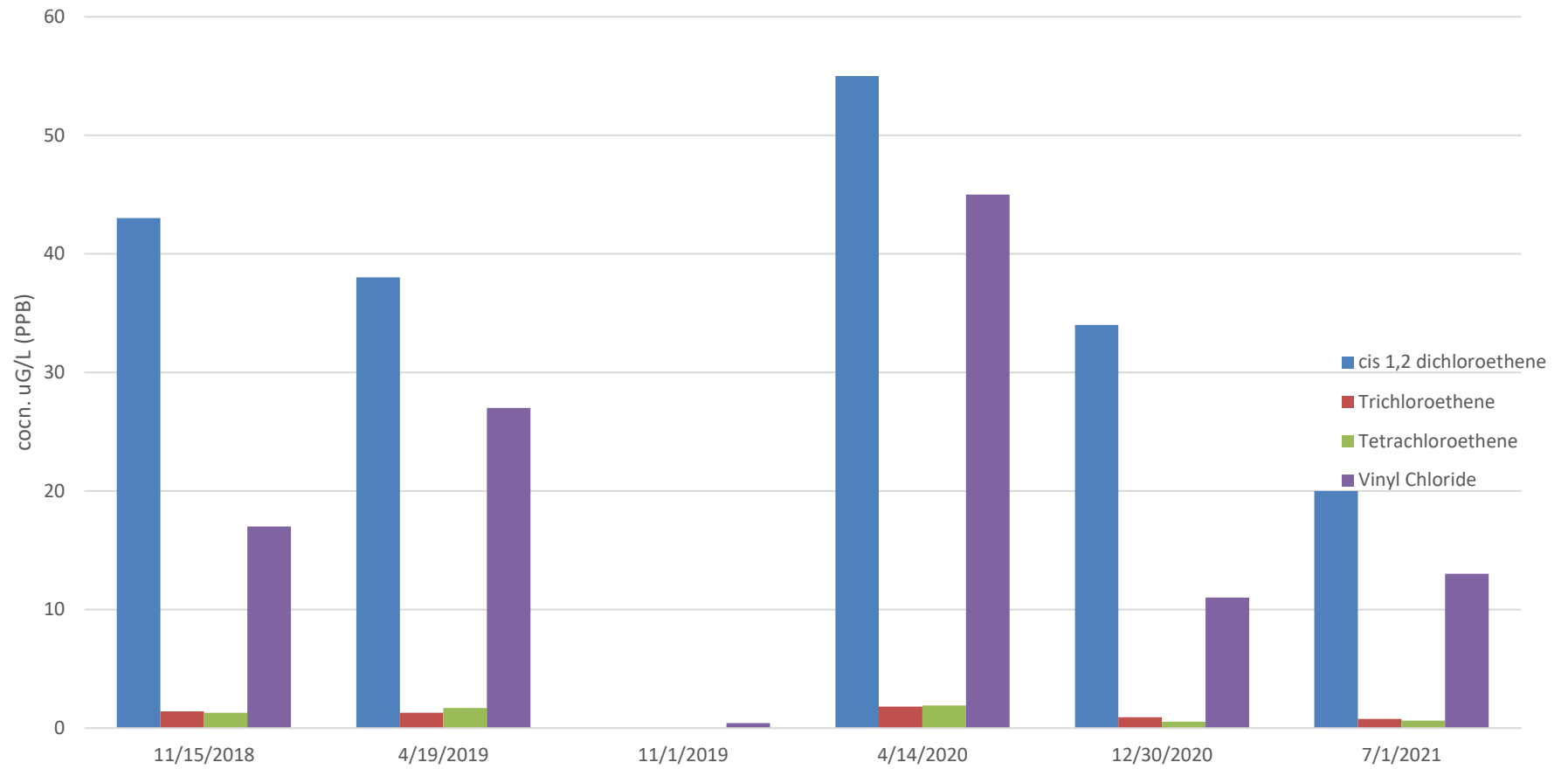
MW-3



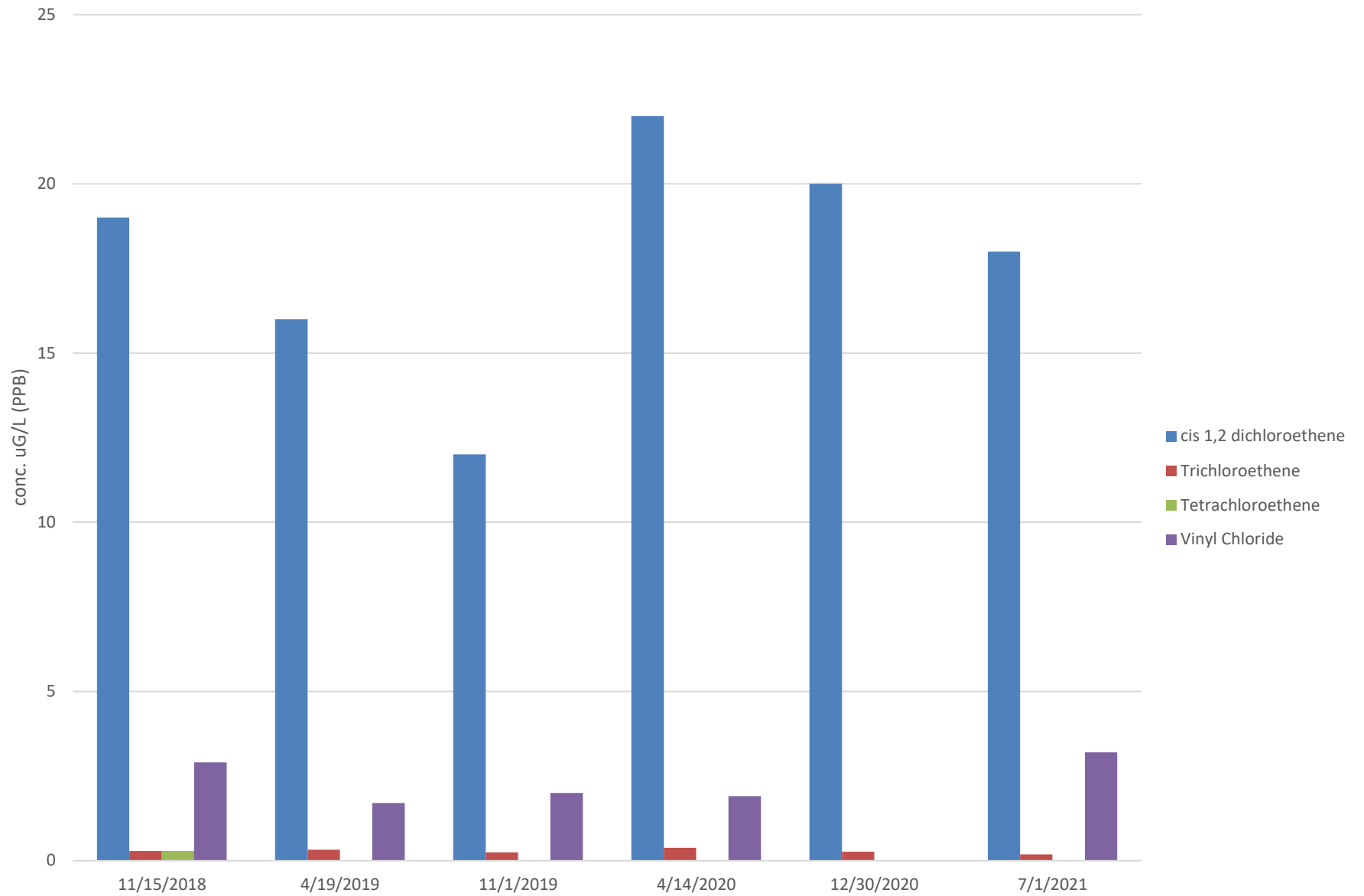
MW-4



MW-5



MW-6



APPENDIX B

Field Data



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

APPENDIX C

Data Usability Summary report



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.

z:\projects\2021\21621-21640\21624 roxy cleaners\task 1 data validation\temp-review\L2135784.dus.docx

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
 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	
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

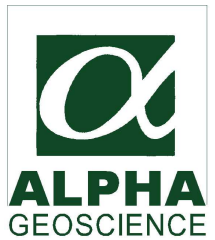
Volatile Organics by GC/MS

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

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	-.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	-.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	-.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.

Appendix D

Laboratory Results



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

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 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

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					
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
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					
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**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					
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

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					
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

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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
Project Number: FORMER ROXY CLEANER

Serial_No:07162116:51
Lab Number: L2135784
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
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Lab Number: L2135784
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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
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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**

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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.

 NEW YORK CHAIN OF CUSTODY Westborough, MA 01581 8 Walkup Dr. TEL: 508-898-9220 FAX: 508-898-9193		Service Centers Mahwah, NJ 07430: 35 Whitney Rd, Suite 5 Albany, NY 12205: 14 Walker Way Tonawanda, NY 14150: 275 Cooper Ave, Suite 105		Page 1 of 2		Date Rec'd in Lab 7/2/21		ALPHA Job # 2135784	
Client Information Client: <u>Hennessey Engineering</u> Address: <u>PO Box 118</u> <u>12186</u> Phone: <u>518-813-3597</u> Fax: Email: <u>bill@hennesseyec.com</u>		Project Information Project Name: <u>Former Rony Cleaners</u> Project Location: <u>154 Delaware Ave, Delmar, NY 12054</u> Project # (Use Project name as Project #) ☒ Project Manager: <u>Bill Hennessey</u> ALPHAQuote #: Turn-Around Time Standard ☒ Due Date: Rush (only if pre approved) ☐ # of Days:		Deliverables ☐ ASP-A ☐ ASP-B ☐ EQUIS (1 File) ☐ EQUIS (4 File) ☐ Other		Billing Information ☒ Same as Client Info PO #		Regulatory Requirement ☐ NY TOGS ☐ NY Part 375 ☐ AWQ Standards ☐ NY CP-51 ☐ NY Restricted Use ☐ Other ☐ NY Unrestricted Use ☐ NYC Sewer Discharge	
Disposal Site Information Please identify below location of applicable disposal facilities. Disposal Facility: ☐ NJ ☐ NY ☐ Other:		These samples have been previously analyzed by Alpha ☐ Other project specific requirements/comments: <u>*Perform MSD on MW-04 (MS) and MW-07 (MSD)</u> <u>*CAT B Deliverables</u> Please specify Metals or TAL.		ANALYSIS EPA Method 8260		Sample Filtration ☐ Done ☐ Lab to do Preservation ☐ Lab to do (Please Specify below) Sample Specific Comments		Total Bottles	
ALPHA Lab ID (Lab Use Only)	Sample ID	Collection Date	Collection Time	Sample Matrix	Sampler's Initials				
35784-01	MW-01	7-1-21	1330	GW	PA/CM	MW-01 is "Hot", see under dilution			
-02	MW-02R		1320						
-03	MW-02RD		1318						
-04	MW-03		1240						
-05	MW-04		1220						
-05	MW-04 (MS)		1220						
-06	MW-04 (MSD)		1220						
-06	MW-05		1249						
-07	MW-06		1300						
-08	Duplicate								
Preservative Code: A = None B = HCl C = HNO ₃ D = H ₂ SO ₄ E = NaOH F = MeOH G = NaHSO ₄ H = Na ₂ S ₂ O ₃ K/E = Zn Ac/NaOH O = Other		Container Code: P = Plastic A = Amber Glass V = Vial G = Glass B = Bacteria Cup C = Cube O = Other E = Encore D = BOD Bottle		Westboro: Certification No: MA935 Mansfield: Certification No: MA015		Container Type ☒ Preservative <u>B</u>		Please print clearly, legibly and completely. Samples can not be logged in and turnaround time clock will not start until any ambiguities are resolved. BY EXECUTING THIS COC, THE CLIENT HAS READ AND AGREES TO BE BOUND BY ALPHA'S TERMS & CONDITIONS. (See reverse side.)	
Relinquished By: <u>Patricia...</u>		Date/Time: <u>7/1/21 1451</u>		Received By: <u>Calvin...</u>		Date/Time: <u>7/1/21 1451</u>			
Relinquished By: <u>Calvin...</u>		Date/Time: <u>7/1/21 1453</u>		Received By: <u>...</u>		Date/Time: <u>7/26/2021</u>			

