Quarterly Groundwater and Vapor Sampling Report
July – September 2022
Roxy Cleaners (442024)
North Greenbush, New York

Prepared for

New York State Department of Environmental Conservation
625 Broadway
Albany, New York 12233

Prepared by

EA Engineering, P.C. and Its Affiliate
EA Science and Technology
269 W. Jefferson Street
Syracuse, New York 13202

December 2022
Version: FINAL
EA Project No. 16025.06

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19 December 2022

Chris Sanson, Project Manager — Date
EA Science and Technology

19 December 2022

James C. Hayward, P.E., Project Engineer — Date
EA Engineering, P.C.

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TABLE OF CONTENTS

Page

LIST OF TABLES ii

LIST OF FIGURES ii

LIST OF APPENDIXES iii

LIST OF ACRONYMNS AND ABBREVIATIONS iv

1. INTRODUCTION 1

1.1 OBJECTIVES 1
1.2 REPORT ORGANIZATION 1

2. MONITORING ACTIVITIES 3

2.1 GROUNDWATER GAUGING 3
2.2 GROUNDWATER SAMPLING 3
2.3 SOIL VAPOR POINT MONITORING 4

3. VOLATILE ORGANIC COMPOUND CONCENTRATION TRENDS 5

3.1 GROUNDWATER COC CONCENTRATION TRENDS 5
3.2 AIR AND SOIL VAPOR CONTAMINANT OF CONCERN CONCENTRATION TRENDS 6

4. CONCLUSIONS AND RECOMMENDATIONS 7

LIST OF TABLES

Table 1. Summary of Samples Collected (August 2022)

Table 2. Summary of Rebound Study Groundwater COC Concentrations and Exceedances (August 2022)

Table 3. Summary of Soil Vapor Point Monitoring 2022

Table 4. Summary of Rebound Study Air COC Concentrations (August 2022)

LIST OF FIGURES

Figure 1. Site Location Map

Figure 2. Newly Installed Monitoring Well and Soil Vapor Point Locations

Figure 3. Monitoring Well Locations

Figure 4. Roxy Cleaners August 2022 Overburden Groundwater Elevation

Figure 5. Roxy Cleaners August 2022 Bedrock Groundwater Elevation

Figure 6. Roxy Cleaners August 2022 Analytical Groundwater Data

LIST OF APPENDIXES

Appendix A. Daily Field Reports

Appendix B. Field Forms

Appendix C. Analytical Summary Table

Appendix D. Laboratory Reports

Appendix E. Groundwater Time Series Plots

LIST OF ACRONYMNS AND ABBREVIATIONS

µg/L	Microgram(s) per liter
AWQS	Ambient Water Quality Standards
COC	Contaminant of concern
DCE	*cis*-1,2-dichloroethene
EA	Engineering, P.C. and its affiliate EA Science and Technology
NYSDEC	New York State Department of Environmental Conservation
PCE	Tetrachloroethene
P.E.	Professional Engineer
pH	Presence of hydrogen
PID	Photoionization detector
TCE	Trichloroethene
VOC	Volatile organic compound

INTRODUCTION

The New York State Department of Environmental Conservation (NYSDEC) tasked EA Engineering, P.C. and its affiliate EA Science and Technology (EA) to perform site management activities at the Roxy Cleaners Site (NYSDEC site number 442024), which includes evaluation and performance of long-term monitoring of groundwater and soil vapor. The area is in a suburban portion of Rensselaer County in North Greenbush, New York (**Figure 1**).

From 1959 to 1998, Roxy Cleaners, Inc. operated a dry-cleaning establishment at this site and allegedly spilled dry-cleaning solvents, which resulted in contamination of the site's soil and groundwater. In 1990, NYSDEC initiated a remedial investigation /feasibility study to determine the extent of the contamination. Contaminants were found to be tetrachloroethene (PCE), trichloroethene (TCE), and *cis*-1,2-dichloroethene (DCE). A treatment system was installed in January 1992 to treat impacted groundwater. Treatment system performance was evaluated until December 2021, when the treatment system was shut-off to initiate a rebound study, focused on the groundwater plume and soil vapor associated with the site. As part of the ongoing rebound study for the site, EA is collecting quarterly groundwater, air, and soil vapor samples to evaluate how exactly contaminant of concern (COC) concentrations respond if the plume migrates.

1.1 OBJECTIVES

As part of an ongoing rebound study for 2022, field activities completed at the Roxy Cleaners site have included the collection of aqueous and soil vapor media to delineate chlorinated volatile organic compounds (VOCs) following the system shutdown on 15 December 2021. This study will assist with the re-evaluation of the treatment system shutdown during 2023. This report will summarize sampling activities and results concerning the third quarter of the rebound study.

1.2 REPORT ORGANIZATION

Monitoring activities are discussed in Section 2, VOC concentration trends are discussed in Section 3, and conclusions and recommendations are discussed in Section 4.

The following are provided as appendixes:

- Appendix A— Daily Field Reports
- Appendix B— Field Forms
- Appendix C— Analytical Summary Table
- Appendix D—Laboratory Reports
- Appendix E— Groundwater Time Series Plots

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MONITORING ACTIVITIES

Site activities for the third quarter of 2022 included the gauging of monitoring wells and the collection of groundwater samples. No indoor air or soil vapor samples were collected this quarter. A summary of samples collected during quarter three is provided in **Table 1**. Site activities occurred on 9 August 2022. Daily field reports are included in **Appendix A.**

2.

2.1 GROUNDWATER GAUGING

Groundwater levels were recorded on 9 August 2022, prior to the initiation of groundwater sampling to determine groundwater flow patterns in the overburden and bedrock. Depth to groundwater was measured from 25 wells (**Figures 2 and 3**) by measuring from the top of the inner polyvinyl chloride casing using a water-level indicator. Groundwater depths and total depths are provided in monitoring well gauging logs in **Appendix B** and groundwater contours for bedrock and overburden monitoring wells are detailed in **Figures 4 and 5**.

2.2 GROUNDWATER SAMPLING

A total of 10 groundwater samples were collected, with one matrix spike/matrix spike duplicate, 1 field duplicate, 1 field blank, and 1 trip blank. Samples are summarized in **Table 1**. Wells were purged using a peristaltic pump, with a flow rate of approximately 0.3 liters per minute until the water quality parameters stabilized at which time groundwater samples were collected for analysis of VOCs.

Water quality parameters including temperature, potential hydrogen (pH), oxidation-reduction potential, conductivity, dissolved oxygen, and turbidity were monitored during purging using a Horiba U-52 water quality monitoring system with flow-through cell. Field parameters were considered stable when the following conditions were met for three consecutive readings:

- pH readings within ± 0.1 pH units
- Oxidation-reduction potential within ± 10 millivolts
- Dissolved oxygen within 0.3 milligrams per liter
- Specific conductance within ± 3 percent
- Turbidity measurements less than 50 nephelometric turbidity unit

Dedicated high density polyethylene tubing was used at each monitoring well location. Non-dedicated sampling equipment (i.e., the water-level indicator) was decontaminated with Alconox detergent and deionized water between well locations to prevent cross-contamination.

In addition, the depth to water was measured throughout purging using a water-level indicator. Water quality parameters, calibration forms, field notes, and groundwater sampling purge forms are provided in **Appendix B**.

Groundwater samples were collected using clean nitrile gloves and placed in laboratory supplied bottle ware containing appropriate preservatives. Samples were placed on ice in sample coolers

immediately after collection to ensure proper preservation. Pertinent sample information was recorded on the associated chain-of-custody, and samples were shipped off-site under secure chain-of-custody protocol. Groundwater samples were sent to Con-test in East Longmeadow, Massachusetts for fixed laboratory analysis of VOCs via Method 8260D.

2.3 AIR SAMPLING

No soil vapor points, or indoor air locations were sampled during the third quarter of 2022. Seven sample vapor points were monitored with a photoionization detector (PID) by connecting the line from the soil vapor point to the PID and allowing the PID purge the air from the line for approximately 45 seconds or until the highest reading was reached. While performing soil vapor point monitoring, EA confirmed that the sub-slab depressurization system at [redacted] is functioning.

These same soil vapor points are scheduled to be sampled utilizing Summa® canisters again in the fourth quarter of 2022.

After the first quarter sampling event EA recommended that indoor air sampling be conducted at [redacted] due to the elevated concentrations of VOCs in nearby monitoring wells. EA delivered an official letter on behalf of the NYSDEC to the Store Manager at the [redacted] building on 14 September 2022. The building owner has reached out and EA is currently coordinating with them to install a vapor pin in the building. Soil vapor sampling will take place at this location during the 2022 quarter 4 sampling event, which is current scheduled for November 2022.

3. VOLATILE ORGANIC COMPOUND CONCENTRATION TRENDS

COCs in aqueous and gaseous media for the site are PCE, TCE, and DCE. Concentrations of the COCs for the site will serve as a metric to evaluate rebound following system shut-off. In general, VOC concentrations for the third quarter sampling event are comparable to baseline samples, which were collected while the treatment system was operating in the fourth quarter of 2021. Baseline samples were collected from 16 to 18 November 2021, from the same well locations targeted for the quarterly sampling.

3.1 GROUNDWATER COC CONCENTRATION TRENDS

EA compared groundwater analytical results to the NYSDEC Ambient Water Quality Standards (AWQS) of 5 micrograms per liter (µg/L) for PCE, TCE, and DCE. Groundwater COC concentrations for the third quarterly sampling event of 2022 included PCE, TCE, and DCE concentrations in exceedance of NYSDEC AWQS at the following wells:

- PCE: MW-115A, TW-06, TW-08, TW-09, and TW-10
- TCE: TW-06 and TW-09
- DCE: MW115A, TW-06, and TW-08

Maximum concentrations for each analyte were detected at the corresponding wells:

- PCE: TW-10 with a concentration of 200 µg/L
- TCE: TW-06 with a concentration of 8.6 µg/L
- DCE: TW-08 with a concentration of 20 µg/L

Vinyl Chloride was only detected in one well (TW-06) at a concentration of 0.98 µg/L, which is below the AWQS value of 2 µg/L. COC concentrations for wells sampled in the third quarter of 2022 are summarized in **Table 2** and presented in **Figure 6**. Analytical results are summarized in **Appendix C** and laboratory reports are presented in **Appendix D**.

When comparing COC concentrations derived from the third quarterly sampling event of 2022 to baseline samples collected during the fourth quarter of 2021, PCE, TCE, and DCE concentrations all remained comparable. No new exceedances occurred for any analytes at any particular well, nor did any wells that noted elevated concentrations during the baseline sampling event increase in concentration for the third sampling event.

Time series plots for groundwater data are presented in **Appendix E**. Time series plots were created by normalizing analytical concentrations of PCE, TCE, and DCE to the NYSDEC AWQS at 5 µg/L, then plotting them. Non-detect values are plotted as half the limit of detection for each applicable analyte and then normalized by the NYSDEC AWQS value, this is done rather than enter ‘0’ for a non-detect value since the concentration for the analyte could exist anywhere from the laboratory limit of detection to zero.

3.2 AIR AND SOIL VAPOR CONTAMINANT OF CONCERN CONCENTRATION TRENDS

Air samples were not taken in the third quarter of 2022 for the soil vapor monitoring points, but PID readings were taken at all monitoring points and are listed in **Table 3**. PID readings ranged from 0 parts per billion at the SVP-02 and [redacted] locations to 9,024 parts per billion at the SVP-01 location. SVP-01 continually has the highest PID readings during monitoring. Air sampling utilizing Summa® canisters for all monitoring points is scheduled again in the fourth quarter of 2022. Air sampling results from previous quarters can be found in **Table 4**.

CONCLUSIONS AND RECOMMENDATIONS

The results from the third quarter of sampling indicate groundwater COC concentrations remain comparable to baseline concentrations, revealing slight decreases in COCs but no reduction in the number of wells containing exceedances. Indoor air and soil vapor samples will be sampled again in the fourth quarter of 2022.

4.

Based on results from the third quarterly sampling event for 2022, EA will continue to monitor and evaluate COC concentration trends over the course of the next sampling event. Upon completion of the fourth sampling event, EA will determine via Mann-Kendall Statistical analysis if concentrations are increasing, decreasing, or not exhibiting a trend. Upon completion of the statistical tests and evaluation of the data, EA will make a recommendation regarding the progress of the rebound study and if additional remedial activities, including an injection event, are warranted at the site.

In the coming quarters EA will replace missing bolts, J-plugs, and locks on appropriate monitoring wells. Wells that could not be located during this quarters sampling event have historically not been found and do not currently provide information on the COC plume on-site. These wells include MW-101, MW-101A, MW-102, and MW-105A. Wells that have been located but are damaged beyond repair and cannot be gauged included MW-1B and MW-107. MW-105A is the only well that has been designated to be sampled and cannot be found.

Groundwater concentrations of site-related COCs detected at temporary wells TW-08, TW-09, and TW-10, located in the parking lot of [redacted] adjacent to the site, indicate that vapor intrusion of VOCs may be a potential exposure concern for a downgradient property. Both EA and NYSDEC have reached out to the property owner(s) to get permission to install a vapor point and conduct indoor air sampling in the building. The property owner has responded, and EA is currently coordinating with them to install a vapor point on the property and to coordinate sampling efforts. Soil vapor sampling will take place at this location during the 2022 quarter 4 sampling event, which is currently scheduled for November 2022.

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Tables

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Table 1. Summary of Samples Collected (August 2022)

Well ID	Sample ID	Sample Date	Sample Time	MS/MSD	Trip Blank Associated
Aqueous Media					
MW-113A	442024-MW-113A	08/09/2022	0921	Y	442024-TB
MW-115A	442024-MW-115A	08/09/2022	1024	N	442024-TB
MW-114A	442024-MW-114A	08/09/2022	1210	N	442024-TB
MW-106A	442024-MW-106A	08/09/2022	1230	N	442024-TB
TW-06	442024-TW-06	08/09/2022	1321	N	442024-TB
MW-111	442024-MW-111	08/09/2022	1414	N	442024-TB
TW-07	442024-TW-07	08/09/2022	1430	N	442024-TB
TW-09	442024-TW-09	08/09/2022	1502	N	442024-TB
TW-08	442024-TW-08	08/09/2022	1540	N	442024-TB
TW-10	442024-TW-10	08/09/2022	1616	N	442024-TB
Air Samples					
Canister ID	**Sample ID**	**Sample Date[1]**	**Sample Time**	**MS/MSD**	**Trip Blank Associated**
NA	NA	NA	NA	NA	NA
QC Samples					
Associated Parent Sample	**Sample ID**	**Sample Date**	**Sample Time**	**QC Type**	
442024-MW-115A	442024-FD-08092022	08/09/2022	1024	Field Duplicate	

Notes:
[1] The sample date is representative of the completion time for a 24-hour sample interval. All samples were deployed successfully for the 24-hour interval.
FD = Field Duplicate
ID = Identification
MS = Matrix spike
MSD = Matrix spike duplicate
MW = Monitoring well
N = No
NA = Not applicable
QC = Quality control
TB = Trip blank
TW = Temporary well
Y =Yes

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Table 2. Summary of Rebound Study Groundwater COC Concentrations and Exceedances (August 2022)

	MW-106A			MW-111			MW-113A			MW-114A			MW-115A			TW-06			TW-07			TW-08			TW-09			TW-10		
DATE	**PCE**	**TCE**	**DCE**	**PCE**	**TCE**	**DCE**	**PCE**	**TCE**	**DCE**	**PCE**	**TCE**	**DCE**	**PCE**	**TCE**	**DCE**	**PCE**	**TCE**	**DCE**	**PCE**	**TCE**	**DCE**	**PCE**	**TCE**	**DCE**	**PCE**	**TCE**	**DCE**	**PCE**	**TCE**	**DCE**
16-18 November 2021 (Baseline)	ND	ND	ND	3.6	ND	ND	--	--	--	ND	ND	ND	**63**	1.8	**9.2**	**19**	ND	**11**	ND	ND	ND	**16**	2.1	**25**	**110**	ND	ND	**200**	ND	ND
15-16 March 2022 (Q1 Sampling Event)	ND	ND	ND	2.0	ND	ND	--	--	--	ND	ND	ND	**49**	1.3	**7.7**	**17**	3.3	**8.2**	0.37 J	ND	ND	**11**	1.0	**14**	**89**	4.1	3.4	**190**	1.3 J	0.54 J
13-15 June 2022 (Q2 Sampling Event)	ND	ND	ND	1.6	ND	ND	ND	ND	0.37 J	ND	ND	ND	**35**	1.1	**6.0**	**12**	**6.0**	**8.8**	ND	ND	ND	**8.1**	0.8 J	**13**	**85**	4.4	2.2	**210**	1.4 J	ND
9 August 2022 (Q3 Sampling Event)	ND	ND	ND	3.0	ND	ND	ND	ND	ND	ND	ND	ND	**39**	1.0	**7.9**	**6.1**	**8.6**	**11**	ND	ND	ND	**12**	1.3	**20**	**74**	**5.7**	4.7	**200**	1.5 J	1.3 J

Notes:
--- = Not available
AWQS = Ambient Water Quality Standard
COC – Contaminant(s) of concern
DCE = *cis*-1,2-dichloroethene / *cis*-1,2-dichloroethylene
E = Result exceeded calibration range
J = Analyte detected between the Reported Detection Limit and the Method Detection Limit; concentration estimated
ND = The analyte was analyzed for but was not detected above the sample reporting limit.
NS = Monitoring well not sampled.
NYSDEC = New York State Department of Environmental Conservation
PCE = Tetrachloroethene / tetrachloroethylene
TCE = Trichloroethene / trichloroethylene
Q1 = Quarter one
Q2 = Quarter two
Samples are reported in microgram(s) per liter (µg/L).
Bold values indicate that the analyte was detected greater than the NYSDEC AWQS of 5 µg/L per each analyte.

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Table 3. Summary of Soil Vapor Point Monitoring 2022

Point ID	Units	Quarter 1 3/15/2022	Quarter 2 6/13/2022	Quarter 3 8/9/2022
SVP-01	ppb	0	4742	9024
SVP-02	ppb	302	598	0
SVP-03	ppb	229	0	6780
SVP-04	ppb	857	1738	8337
SVP-05	ppb	89	0	643
[redacted]	ppb	3444	216	150
SVP-[redacted]	ppb	301	549	0
[redacted]	ppb	73	NA	NA

Notes:
ID = Identification
PID = Photoionization detector
ppb = Part(s) per billion
SVP = Soil vapor point
OA = Outdoor Air

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Table 4. Summary of Rebound Study Air COC Concentrations (August 2022)

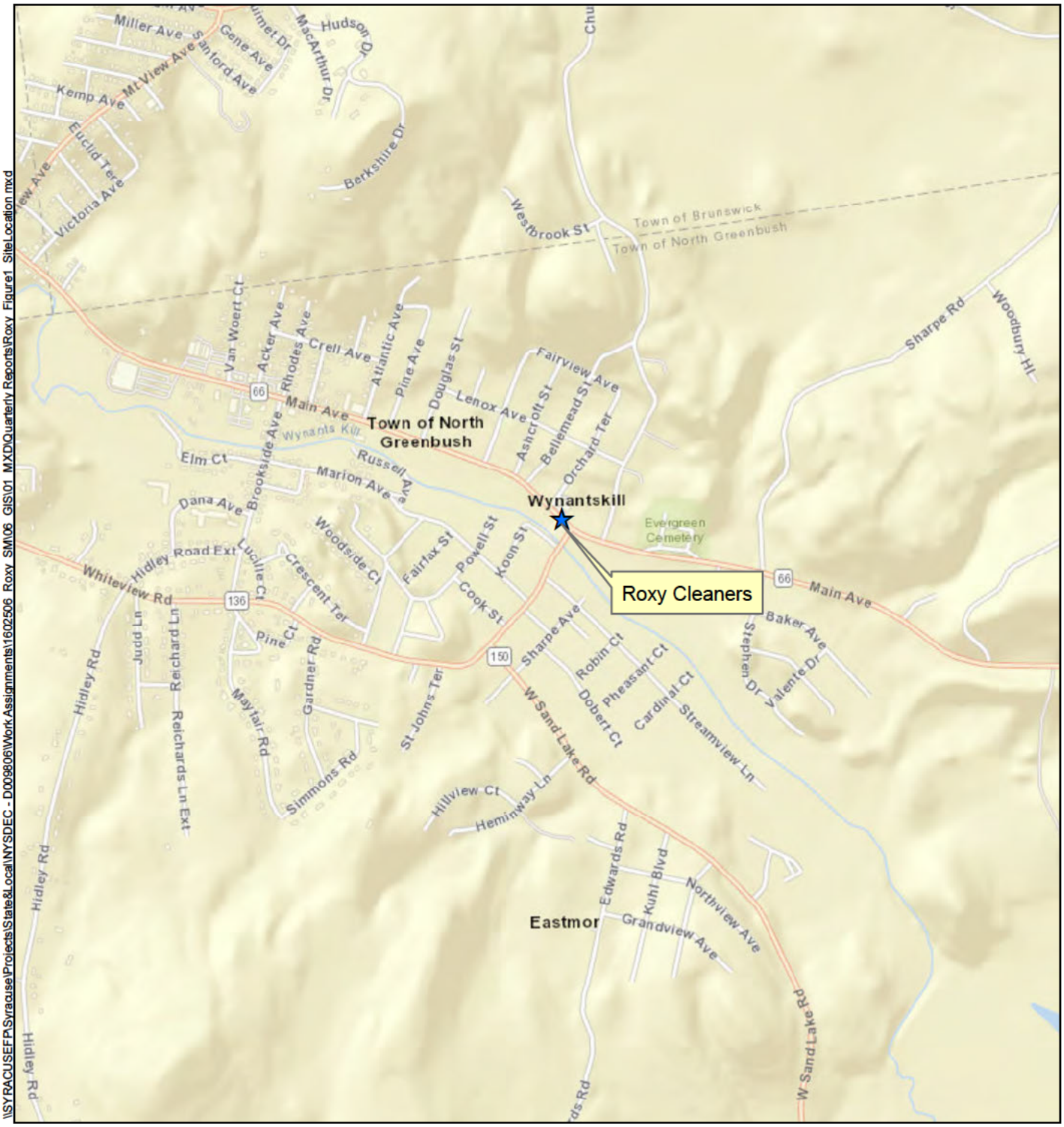
DATE	[redacted]				[redacted]		SV-01			SV-02*			SV-03*			SV-04			SV-05			[redacted]		
	PCE	TCE	DCE	PCE	TCE	DCE	PCE	TCE	DCE	PCE	TCE	DCE	PCE	TCE	DCE	PCE	TCE	DCE	PCE	TCE	DCE	PCE	TCE	DCE
November 17, 2021 (Baseline)	6.4	ND	ND	-	-	-	ND	ND	ND	-	-	-	ND	ND	ND	ND	ND	ND	16	2.1	25	6.3	0.22	ND
March 16 and April 04, 2022 (Q1 Sampling Event)	5.5	1.1	0.14	ND	ND	ND	ND	ND	ND	0.917 J	ND	ND	1.97	0.428 J	ND	ND	ND	ND	ND	ND	ND	2.3	ND	ND
June 13, 2022 (Q2 Sampling Event)	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC
9 August 2022 (Q3 Sampling Event)	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC

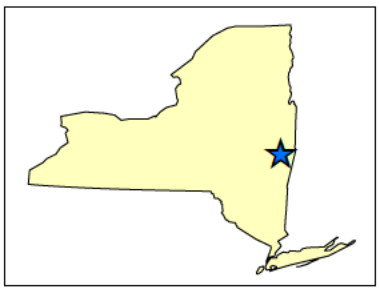
Notes:
1. New York State Department of Health (NYSDOH) Ambient Air Guidelines and Immediate Action Levels apply to indoor air and outdoor air samples; New York currently does not have any standards, criteria, or guidance values for concentrations of compounds in sub-slab vapor. Guidelines and Action Levels are based on the Final Guidance for Evaluating Soil Vapor Intrusion in the State of New York, October 2006, and NYSDOH Soil Vapor Intrusion Updates dated September 2013 and August 2015.
*A second sampling effort was required to collect these samples. Samples could not be collected at SV-02 and SV-03 in March due to faulty gauges for the Summa® canisters.
--- = Not available
COC = Contaminant of concern
DCE = *cis*-1,2-dichloroethene
J = Analyte detected between the Reported Detection Limit and the Method Detection Limit; concentration estimated
NC = Sample not collected during the quarterly sampling event.
ND = The analyte was analyzed for but was not detected above the sample reporting limit.
NYSDEC = New York State Department of Environmental Conservation
PCE = Tetrachloroethene
TCE = Trichloroethene
Samples are reported in microgram(s) per cubic meter ($\mu g/m^3$).

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Figures

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Legend

★ Site Location

0 0.125 0.25 0.5
Miles

1 inch = 0.25 miles

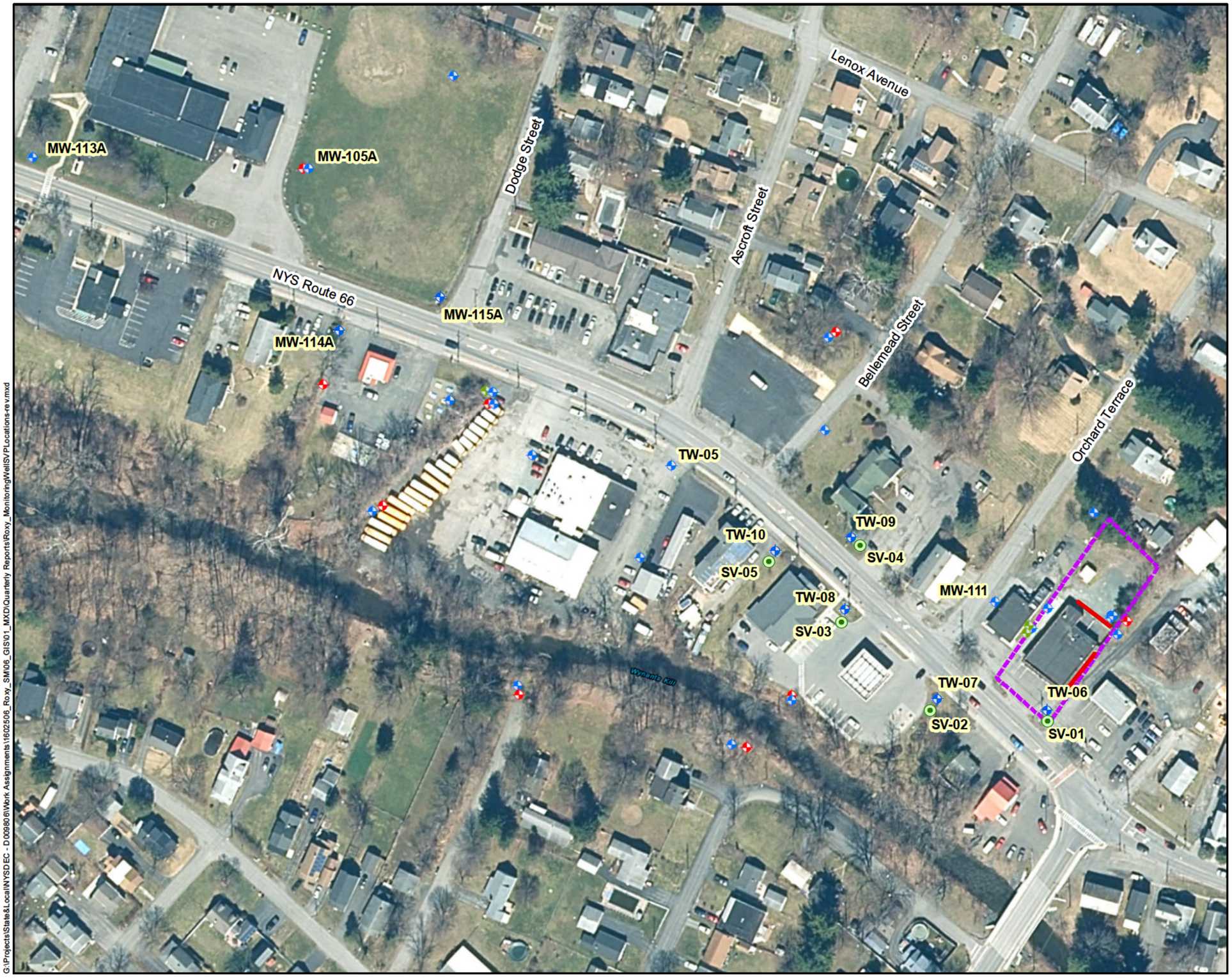
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Figure 1
SITE LOCATION MAP
Roxy Cleaners Site (Site No. 442024)
North Greenbush, New York

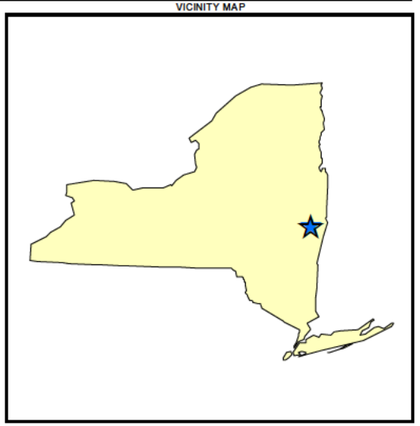
Map Date: 4/29/2022
Projection: NAD_1983_StatePlane_New_York_East_F PS_3101_Feet

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VICINITY MAP



Legend

- Overburden Monitoring Well
- Bedrock Monitoring Well
- Recovery Well
- Roxy Cleaners Parcel
- Injection Trench Locations
- Proposed Soil Vapor Point Location

Map Date: 12/6/2022
Source: ESRI, 2011
Projection: NAD 1983 State Plane New York East

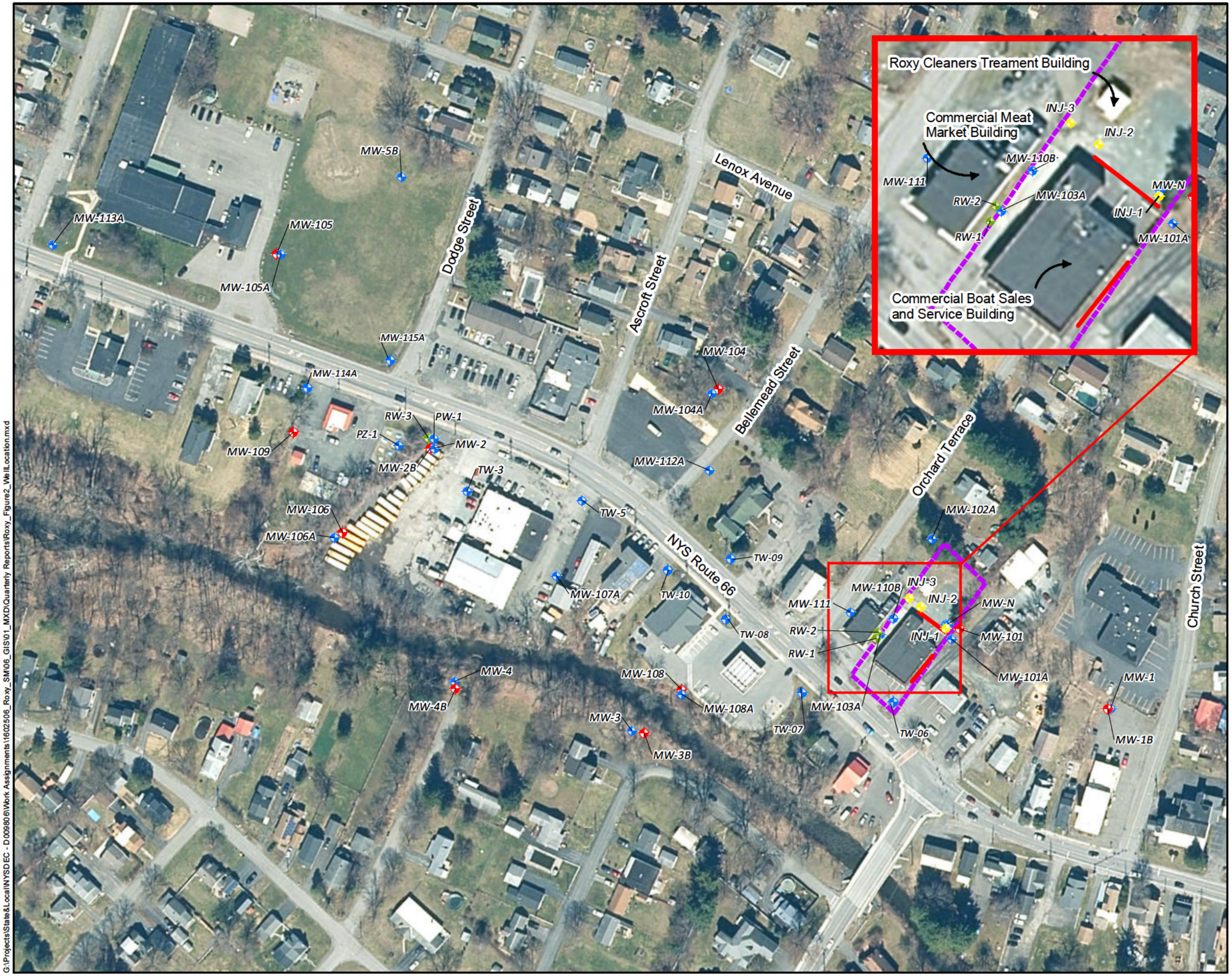
N

0 95 190
Feet

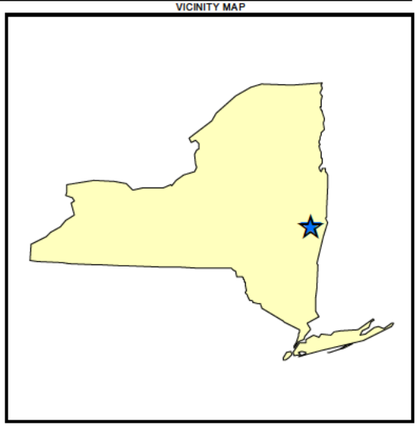
EA | NEW YORK STATE OF OPPORTUNITY | Department of Environmental Conservation

Figure 2
NEWLY INSTALLED MONITORING WELLS AND SOIL VAPOR POINT LOCATIONS
Roxy Cleaners Site (Site No. 442024)
North Greenbush, New York

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VICINITY MAP



Legend

- Overburden Monitoring Well
- Bedrock Monitoring Well
- Recovery Well
- Bedrock Injection Wells
- Injection Trench Locations
- Roxy Cleaners Parcel

Map Date: 12/6/2022
Source: ESRI, 2011
Projection: NAD 1983 State Plane New York East

N

0 120 240

Feet

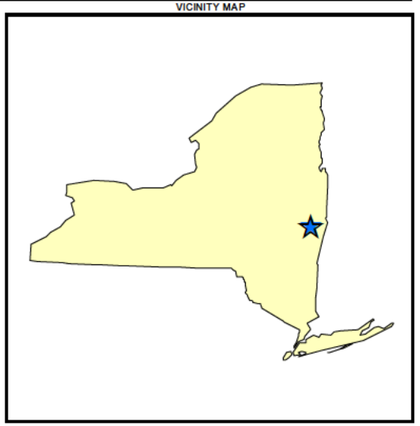
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Figure 3
MONITORING WELL LOCATIONS
Roxy Cleaners Site (Site No. 442024)
North Greenbush, New York

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VICINITY MAP



Legend

- Overburden Monitoring Well
- Estimated Groundwater Elevation (ft AMSL)
- Estimated Groundwater Flow Direction

Note:
AMSL = Above mean sea level

Map Date: 8/12/2022
Source: ESRI, 2011
Projection: NAD 1983 State Plane New York East

N

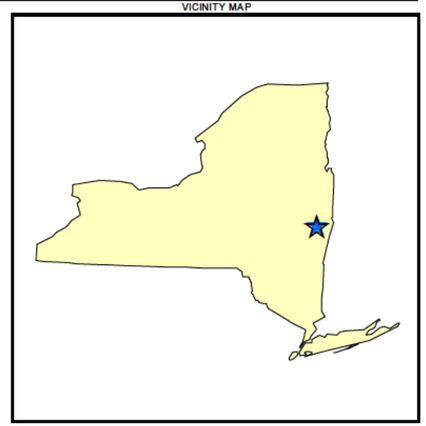
0 150 300
Feet

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Figure 4
Roxy Cleaners August 2022
Overburden Groundwater Elevation
Roxy Cleaners Site (Site No. 442024)
North Greenbush, New York



VICINITY MAP



Legend

- Bedrock Monitoring Well
- Estimated Groundwater Elevation (ft AMSL)
- Estimated Groundwater Flow Direction

Note:
AMSL = Above mean sea level

Map Date: 8/12/2022
Source: ESRI, 2011
Projection: NAD 1983 State Plane New York East

N

0 150 300
Feet

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Figure 5
Roxy Cleaners August 2022
Bedrock Groundwater Elevation
Roxy Cleaners Site (Site No. 442024)
North Greenbush, New York

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MW-113A	
Analyte	Result (µg/L) 08/09/2022
1,2-DCE	<1.0 U
PCE	<1.0 U
TCE	<1.0 U

MW-115A	
Analyte	Result (µg/L) 08/09/2022
1,2-DCE	7.9
PCE	39
TCE	1.0

MW-114A	
Analyte	Result (µg/L) 08/09/2022
1,2-DCE	<1.0 U
PCE	<1.0 U
TCE	<1.0 U

MW-106A	
Analyte	Result (µg/L) 08/09/2022
1,2-DCE	<1.0 U
PCE	<1.0 U
TCE	<1.0 U

TW-10	
Analyte	Result (µg/L) 08/09/2022
1,2-DCE	1.3 J
PCE	200
TCE	1.5 J

TW-08	
Analyte	Result (µg/L) 08/09/2022
1,2-DCE	20
PCE	12
TCE	1.3

TW-07	
Analyte	Result (µg/L) 08/09/2022
1,2-DCE	<1.0 U
PCE	<1.0 U
TCE	<1.0 U

TW-09	
Analyte	Result (µg/L) 08/09/2022
1,2-DCE	4.7
PCE	74
TCE	5.7

TW-06	
Analyte	Result (µg/L) 08/09/2022
1,2-DCE	11
PCE	6
TCE	8.6

MW-111	
Analyte	Result (µg/L) 08/09/2022
1,2-DCE	<1.0 U
PCE	3.0
TCE	<1.0 U

New York State Ambient Water Quality Standard and Guidance Values Class GA	
Analyte	Concentration (µg/L)
1,2-DCE	5.0
PCE	5.0
TCE	5.0

Notes:
µg/L=micrograms per liter
1,2-DCE= cis-1,2-Dichloroethylene
PCE=Tetrachloroethylene
TCE=Trichloroethylene
U=Non detect
J=Concentration is an estimated value
Bold is any value that exceeds the NYS

VICINITY MAP

Legend

- Overburden Monitoring Well
- Bedrock Monitoring Well
- Recovery Well
- Bedrock Injection Wells
- Overburden Well Location
- Temporary Monitoring Well Location
- Injection Trench Locations
- Roxy Cleaners Parcel

Map Date: 12/8/2022
Source: ESRI, 2011
Projection: NAD 1983 State Plane New York East

N
0 120 240
Feet

NEW YORK STATE OF OPPORTUNITY Department of Environmental Conservation

Figure 6
Roxy Cleaners August 2022
Analytical Groundwater Data
Roxy Cleaners Site (Site No. 442024)
North Greenbush, New York

G:\Projects\State&Local\NYSDEC - D009806\Work Assignments\16025\06_Roxy_SM\06_GIS\01_MXD\Quarterly Reports\Roxy_GW_Analytical_Q3.mxd

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Appendix A

Daily Field Reports

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DAILY FIELD REPORT **Day: Tuesday Date: 08/09/2022**

Temperature: (F) 78°F

Wind Direction: N/A

Project Name: Roxy Cleaners

Weather: Partly Cloudy and Rain (am)
(pm)
Sunny

NYSDEC Site # 442024

Contract # D009806 **Arrive at site:** 0745

Location: Watervliet, New York **Leave site:** 1645

HEALTH & SAFETY:

Are there any changes to the Health & Safety Plan? (If yes, list the deviation under items for concern) Yes ( ) No (x)

Are monitoring results at acceptable levels?	Soil	Yes ( )	n/a (x)	* No ( )
	Waters	Yes ( )	n/a (x)	* No ( )
	Air	Yes ( )	n/a (x)	* No ( )

OTHER ITEMS:

- *If No, provide comments*

Site Sketch Attached: Yes ( ) No (x)
Photos Taken: Yes (x) No ( )

DESCRIPTION OF DAILY WORK PERFORMED:

(0745) M. Gilkey, H. Bendall, and J. Fontaine (EA) onsite. (0800) Calibrate Horibas and ppbRAEs. (0830) Began site wide gauging event. (0900) Began purge and sampling of monitoring wells. (1045) M. Gilkey and H. Bendall gained access to [redacted] and took indoor air and sub-slab vapor readings with the ppbRAE. (1230) M. Gilkey (EA) offsite to retrieve extra 55 gallon steel drum. (1330) M. Gilkey (EA) back onsite. (1400) The five soil vapor points were opened, and reading were taken with the ppbRAE. (1642) Field blank was taken. Sampling of monitoring wells was finished. Purge water was emptied into drums and drums were secured. (1645) M. Gilkey, H. Bendall, and J. Fontaine (EA) offsite.

SAMPLING (Soil/Water/Air)

The groundwater following samples were collected on 08/09/2022 for VOCs:

Sample ID	Sample Time	Split with
442024-MW-113A	0921	MS/MSD
442024-MW-115A	1024	FD
442024-MW-114A	1210	
442024-MW-106A	1230	
442024-TW-06	1321	
442024-MW-111	1414	
442024-TW-07	1430	
442024-TW-09	1502	
442024-TW-08	1540	
442024-TW-10	1616	

DAILY FIELD REPORT

Day: Tuesday Date: 08/09/2022

Soil Vapor Point Monitoring

The following soil vapor points were monitored on 08/09/2022 with PID:

Point ID	Unit	PID Reading
SVP-01	ppb	9024
SVP-02	ppb	0
SVP-03	ppb	6780
SVP-04	ppb	8337
SVP-05	ppb	643
[redacted]	ppb	150
[redacted]	ppb	0

Notes:
SVP-05 was filled with water upon opening. When the ppbrae was attached to the tubing the moisture alarm went off and the tubing needed to be wiped dry before a reading could be taken. All other SVP were immediately connected to the ppbRAE upon opening.

The threading on SVP-1 and SVP-03 is either damaged or not performing as designed. Both points need to be "popped" open as the bolt is not able to be removed. The seal is snug enough that when the cover is placed back over the SVP it snuggly fits and should still be adequately sealed.

CONTRACTOR/SUBCONTRACTOR EQUIPMENT AND PERSONNEL ON SITE:

EA personnel: Moriah Gilkey, Jeremy Fontaine, and Hannah Bendall

EA equipment: Two ppbRAE, two Horiba U52-2 Water Quality Meter, two Solonist 200' Water Level Meters, two Peristaltic pumps, hand tools

Subcontractor personnel: None

Subcontractor equipment: None

(*Indicates active equipment)

Other Subcontractors: None

VISITORS TO SITE:
None

PROJECT SCHEDULE ISSUES:

None

PROJECT BUDGET ISSUES:

None

ITEMS OF CONCERN:

MW-105A was unable to be located.

COMMENTS:

None

ATTACHMENT(S) TO THIS REPORT:
None

SITE REPRESENTATIVE:

DAILY FIELD REPORT **Day: Tuesday Date: 08/09/2022**

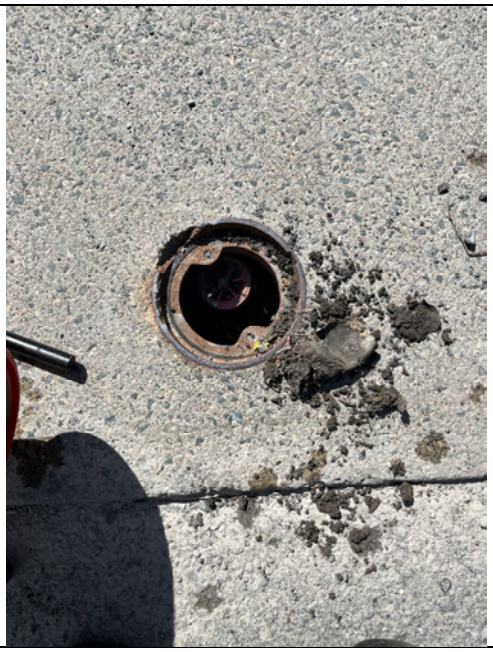
Name: Moriah Gilkey



08/09/2022

Photolog

	
Looking north from MW-105	Looking east towards the baseball field from MW-105
	
MW-107	TW-10

	
MW-103A missing well cover	Drums stagged behind treatment system building

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Appendix B

Field Forms

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FIELD CALIBRATION FORM
Horiba U-52
pH, CONDUCTIVITY, AND TURBIDITY

CALIBRATION	
DATE:	08/09/22
TIME:	0808
METER ID:	24291

pH CALIBRATION

pH STANDARD	INITIAL READING	FINAL READING
4.0	6.44	3.97

CONDUCTIVITY CALIBARATION

CONDUCTIVITY STANDARD	STANDARD READING	FINAL READING
4.49	4.71	4.48

TURBIDITY CALIBRATION

STANDARD	INITIAL READING	FINAL READING
0 NTU	6.1	0

COMMENTS

SIGNATURE

Morgan Selkey

FIELD CALIBRATION FORM
Horiba U-52
pH, CONDUCTIVITY, AND TURBIDITY

CALIBRATION	
DATE:	8/9/22
TIME:	0803
METER ID:	40280

pH CALIBRATION

pH STANDARD	INITIAL READING	FINAL READING
4.0	4.24	3.99

CONDUCTIVITY CALIBARATION

CONDUCTIVITY STANDARD	STANDARD READING	FINAL READING
4.49	4.31	4.43

TURBIDITY CALIBRATION

STANDARD	INITIAL READING	FINAL READING
0 NTU	0.0	0.0

COMMENTS

SIGNATURE

FIELD CALIBRATION FORM

Site Name:

INSTRUMENT: ppbRAE 3000	INSTRUMENT ID No: 224096
OPERATOR: M. Gilkey	WEATHER: Sunny 78°F
SPAN GAS TYPE: Iso	DATE: 08/09/22
CALIBRATION NOTES:	
Zero Cal → 0 ppm	
~~100 ppb~~ →	
10 ppm → 9.9 ppm	
COMMENTS:	
SIGNATURE:	DATE: 08/09/22

MONITORING WELL GAUGING LOG

Inspector(s): M. Gilkey, J. Fontaine, H. Bedell
Weather Conditions: 82°F, partly cloudy

Site Name: Roxy Cleaners
Date/Time: 8/9/2022

Well ID	PID Reading (ppm)	DTW (ft. below TOC)	DTB (ft. below TOC)	Well Condition / Notes
MW-1		13.43	55.97	
MW-1B				Filled with sediment could not gauge
MW-2	0	13.19	38.41	
MW-2B	0	12.73	65.55	
MW-3		8.47	31.18	
MW-3B		7.17	59.24	
MW-4		7.62	48.29	
MW-4B	0	7.38	38.36	
MW-101				
MW-101A				
MW-102A				
MW-103A		9.92	19.81	No well cover, vegetation growing inside casing
MW-104	0	23.91	49.24	
MW-105	254	5.03	76.47	One missing bolt
MW-105A				
MW-106	0	11.44	53.59	PVC cracked
MW-106A	291	11.01	28.26	
MW-107				Has blockage, unable to gauge
MW-107A	0	9.59	29.96	3 stripped bolts
MW-108	0	7.12	43.05	
MW-108A	0	7.27	22.38	
MW-109	0	7.34	43.19	Sulfur odor

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GROUNDWATER SAMPLING PURGE FORM

Well I.D.: MW-113A	EA Personnel: J. Fontaine	Client: NYSDEC
Location: Main Ave / Douglas St.	Well Condition: Fair	Weather: Partly Cloudy, 78F
Sounding Method: Solinst WLM	Gauge Date: 08/10/22	Measurement Ref: TOC
Stick Up/Down (ft): Flush	Gauge Time: 0830	Well Diameter (in): 2

Purge Date: 8/9/2022	Purge Time: 0850
Purge Method: Low flow / peristaltic	Field Technician: J. Fontaine

Well Volume

A. Well Depth (ft): 29.18	D. Well Volume (ft):	Depth/Height of Top of PVC:
B. Depth to Water (ft): 7.41	E. Well Volume (gal) C*D):	Pump Type:
C. Liquid Depth (ft) (A-B):	F. Three Well Volumes (gal) (E3):	Pump Intake Depth:

Water Quality Parameters

Time (hrs)	Temperature (oC)	pH (pH units)	ORP (mV)	Conductivity mS/cm	Turbidity (ntu)	DO (mg/L)	DTW (ft btoc)	Rate (Lpm)	Volume (liters)
0851	20.20	6.00	305	0.533	38.2	3.01	7.42	2.5	0
0856	17.07	6.92	278	0.594	8.4	0.48	7.42	2.5	
0901	16.22	6.95	270	0.607	4.7	0.36	7.42	2.5	
0906	15.97	6.94	260	0.611	3.8	0.33	7.42	2.5	
0911	15.80	6.89	252	0.614	3.5	0.29	7.42	2.5	
0916	15.75	6.84	246	0.615	3.3	0.26	7.42	2.5	
0921	15.69	6.80	242	0.616	2.3	0.23	7.42	2.5	

Total Quantity of Water Removed (gal):		Sampling Time:	0921
Samplers:	J. Fontaine	Split Sample With:	MS/MSD
Sampling Date:	8/9/22	Sample Type:	Grab

COMMENTS AND OBSERVATIONS: MS/MSD

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GROUNDWATER SAMPLING PURGE FORM

Well I.D.: MW-115A	EA Personnel: JF ~~Moriah Gilkey, James Battaglia~~	Client: NYSDEC
Location: Roxy ~~Perfection Plating, Watervliet NY~~	Well Condition: New	Weather: overcast, 80F
Sounding Method: Solonist WLI	Gauge Date: 8/9/22 Gauge Time: 0830	Measurement Ref: Top of Casing (TOC)
Stick Up/Down (ft): Flush	PID Headspace Reading: 0	Well Diameter (in): 2

Purge Date: ~~2-Aug-22~~ 8/9/22	Purge Time: 0941
Purge Method: ~~Bailer~~ Low flow / peristaltic	Field Technician: ~~Moriah Gilkey / James Battaglia~~ J. Fontaine

Well Volume

A. Well Depth (ft): 30.33	D. Well Volume (ft):	Depth/Height of Top of PVC:
B. Depth to Water (ft): 6.70	E. Well Volume (gal) (C*D):	Pump Type: Peristaltic Pump
C. Liquid Depth (ft) (A-B):	F. Three Well Volumes (gal) (E3):	Pump Intake Depth: NA

Water Quality Parameters

Time (hrs)	pH (pH units)	Conductivity (mS/cm)	Turbidity (ntu)	DO (mg/L)	Temperature (°C)	ORP (mV)	DTW (ft btoc)	Rate (Lpm)	Volume (liters)
0944	6.90	0.523	245	1.58	18.59	230	6.68	300	0
0949	6.77	0.564	59.1	0.57	16.78	225	6.68	250	1.5
0954	6.63	0.572	47.9	0.38	16.57	230	6.68	250	2.75
0959	6.57	0.584	29.5	0.32	16.39	232	6.68	250	4.00
1004	6.56	0.599	21.1	0.25	16.30	231	6.68	250	5.25
1009	6.56	0.615	13.2	0.24	16.24	232	6.68	250	6.50
1014	6.56	0.631	9.3	0.18	16.14	233	6.68	250	7.85
1019	6.56	0.641	8.7	0.10	16.04	233	6.68	250	9.00
1024	6.56	0.645	8.5	0.00	15.97	233	6.68	250	10.25

Total Quantity of Water Removed (gal):		Sampling Time:	1024
Samplers:	~~M. Gilkey J. Battaglia~~ JF	Split Sample With:	FD
Sampling Date:	8/9/22	Sample Type:	GW Grab

COMMENTS AND OBSERVATIONS:

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GROUNDWATER SAMPLING PURGE FORM

Well I.D.: MW-114A	EA Personnel: ~~Moriah Gilkey, James Battaglia~~ JF	Client: NYSDEC
Location: Roxy Perfection Plating, Watervliet NY	Well Condition: New	Weather: Rain, 79 F
Sounding Method: Solonist WLI	Gauge Date: 8/9/22	Measurement Ref: Top of Casing (TOC)
	Gauge Time: 0830	
Stick Up/Down (ft): Flush	PID Headspace Reading: 59 ppb	Well Diameter (in): 2

Purge Date: ~~2-Aug-22~~ 8/9/22	Purge Time: 1055
Purge Method: ~~Bailer~~ Low Flow / peristaltic	Field Technician: ~~Moriah Gilkey/James Battaglia~~ J. Fontaine

Well Volume

A. Well Depth (ft): 40.56	D. Well Volume (ft):	Depth/Height of Top of PVC:
B. Depth to Water (ft): 8.21	E. Well Volume (gal) (C*D):	Pump Type: Peristaltic Pump
C. Liquid Depth (ft) (A-B):	F. Three Well Volumes (gal) (E3):	Pump Intake Depth: NA

Water Quality Parameters

Time (hrs)	pH (pH units)	Conductivity (mS/cm)	Turbidity (ntu)	DO (mg/L)	Temperature (°C)	ORP (mV)	DTW (ft btoc)	Rate (Lpm)	Volume (liters)
1057	6.49	0.508	27	4.02	17.77	239	8.39	250	0
1102	6.46	0.631	12.1	0.16	14.96	204	8.39	250	1.25
1107	6.46	0.639	8.2	0.00	14.20	199	8.39	250	2.50
1112	6.44	0.631	5.5	0.00	13.94	194	8.39	258	3.75
1117	6.43	0.629	2.8	0.00	13.83	191	8.39	250	5.00
1122	6.43	0.626	1.3	0.00	13.70	189	8.39	250	6.25
1127	6.43	0.626	0.9	0.00	13.66	188	8.39	250	7.50
1200	6.59	0.631	20.1	0.00	12.87	174	8.39	250	8.75
* 1205	6.59	0.630	20.0	0.00	12.82	175	8.39	250	10.0
1210	6.58	0.630	18.0	0.00	12.89	175	8.39	250	11.25

Total Quantity of Water Removed (gal):		Sampling Time:	1127 (1210) JF
Samplers:	M. Gilkey J. Battaglia JF	Split Sample With:	
Sampling Date:	8/9/22	Sample Type:	GW Grab

COMMENTS AND OBSERVATIONS: * During collection of 2nd VOA, tubing was inadvertently lowered to < 6in from bottom of well and silt + PVC cuttings were observed in tubing. Ceased sampling, adjusted tubing, and resumed purging w/ flow rate 11.

@ 1210, reached stability w/ NTU hovering around ~20 for over 15 min.

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GROUNDWATER SAMPLING PURGE FORM

Well I.D.: MW-106A	EA Personnel: M. Gilkey, H. Bedell	Client: NYSDEC
Location: North Greenbush, NY	Well Condition: Good	Weather: 75°F, Cloudy
Sounding Method: Solonist WLI 200'	Gauge Date: 8/9/2022	Measurement Ref: TOC
Stick Up/Down (ft): n/a ft	Gauge Time: 0830	Well Diameter (in): 2

Purge Date: 8/9/2022	Purge Time: 1212
Purge Method: Low Flow Peri	Field Technician: M. Gilkey & H. Bendall

Well Volume

A. Well Depth (ft): 28.26	D. Well Volume (ft):	Depth/Height of Top of PVC:
B. Depth to Water (ft): 11.01	E. Well Volume (gal) C*D):	Pump Type: Peri pump
C. Liquid Depth (ft) (A-B):	F. Three Well Volumes (gal) (E3):	Pump Intake Depth: 5' from bottom

Water Quality Parameters

Time (hrs)	Temperature (oC)	pH ±0.1 (pH units)	ORP ±10 (mV)	Conductivity (S/m) 3%	Turbidity (ntu) 10%	DO 10% (mg/L)	DTW (ft btoc)	Rate (Lpm)	Volume (liters)
1212	16.84	6.28	195	0.845	3.5	1.93		~0.25	0
1215	15.37	6.75	175	0.784	1.4	0.39		~0.25	1.25
1218	16.47	6.91	171	0.762	0.0	0.64	11.19	~0.25	2.50
1221	16.93	6.94	173	0.759	0.0	0.43	11.13	~0.25	3.75
1224	16.12	6.96	175	0.773	0.0	0.29	11.19	~0.25	5.00
1227	15.68	7.01	174	0.763	0.0	0.17	11.14	~0.25	6.25
1230	15.92	7.08	171	0.55	0.0	0.13	11.13	~0.25	7.50

Total Quantity of Water Removed (gal): _____
Samplers: M. Gilkey
Sampling Date: 8/9/2022

Sampling Time: 1230
Split Sample With: _____
Sample Type: GRAB

COMMENTS AND OBSERVATIONS:

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GROUNDWATER SAMPLING PURGE FORM

Well I.D.: MW-111	EA Personnel: M. Gilkey, H. Bedell	Client: NYSDEC
Location: North Greenbush, NY	Well Condition: OK	Weather: 75°F, Cloudy
Sounding Method: Solinst WLI	Gauge Date: 8/9/2022	Measurement Ref: TOC
Stick Up/Down (ft): Flush	Gauge Time: 0830	Well Diameter (in): 2"

Purge Date: 8/9/2022	Purge Time: 1350
Purge Method: Low Flow Peri	Field Technician: M. Gilkey & H. Bendall

Well Volume

A. Well Depth (ft): 20.58	D. Well Volume (ft):	Depth/Height of Top of PVC:
B. Depth to Water (ft): 9.61	E. Well Volume (gal) C*D):	Pump Type: Peristaltic pump
C. Liquid Depth (ft) (A-B):	F. Three Well Volumes (gal) (E3):	Pump Intake Depth: 3' above bottom

Water Quality Parameters

Time (hrs)	Temperature (oC)	pH (pH units)	ORP (mV)	Conductivity (S/m)	Turbidity (ntu)	DO (mg/L)	DTW (ft btoc)	Rate (Lpm)	Volume (liters)
1350	21.35	7.98	44	0.367	8.8	6.72	9.61	~0.15	
1353	20.96	7.74	70	0.364	0.0	5.42	9.58	~0.15	0.45
1356	20.72	7.68	75	0.367	0.0	5.26		~0.15	0.90
1359	20.61	7.62	79	0.359	0.0	4.93	9.82	~0.15	1.35
1402	20.66	7.58	81	0.358	0.0	4.85	9.62	~0.15	1.80
1405	20.70	7.56	82	0.359	0.0	4.73	9.62	~0.15	2.25
1408	20.72	7.53	85	0.361	0.0	4.62	9.62	~0.15	2.70
1411	20.74	7.52	87	0.362	0.0	4.48		~0.15	3.15
1414	20.73	7.50	89	0.364	0.0	4.36		~0.15	3.60

Total Quantity of Water Removed (gal):		Sampling Time:	1414
Samplers:	M. Gilkey	Split Sample With:	
Sampling Date:	8/9/2022	Sample Type:	GRAB

COMMENTS AND OBSERVATIONS:

4 SP

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GROUNDWATER SAMPLING PURGE FORM

Well I.D.: TW-07	EA Personnel: JF ~~Moriah Gilkey, James Battaglia~~	Client: NYSDEC
Location: Roxy ~~Perfection Plating, Watervliet NY~~	Well Condition: New	Weather: Overcast, 76F
Sounding Method: Solonist WLI	Gauge Date: 8/9/22	Measurement Ref: Top of Casing (TOC)
	Gauge Time: 0430	
Stick Up/Down (ft): Flush	PID Headspace Reading: 95.1 ppb	Well Diameter (in): 2

Purge Date: ~~2-Aug-22~~ 8/9/22	Purge Time: 1308
Purge Method: ~~Bailer~~ Low flow / peristaltic	Field Technician: ~~Moriah Gilkey/James Battaglia~~ J. Fontaine

Well Volume

A. Well Depth (ft): 23.26	D. Well Volume (ft):	Depth/Height of Top of PVC:
B. Depth to Water (ft): 9.40	E. Well Volume (gal) (C*D):	Pump Type: Peristaltic Pump
C. Liquid Depth (ft) (A-B):	F. Three Well Volumes (gal) (E3):	Pump Intake Depth: NA

Water Quality Parameters

Time (hrs)	pH (pH units)	Conductivity (mS/cm)	Turbidity (ntu)	DO (mg/L)	Temperature (°C)	ORP (mV)	DTW (ft btoc)	Rate (Lpm)	Volume (liters)
1310	7.17	0.523	398	1.36	17.54	15	9.38	~250	0
1315	6.86	0.458	>1000	3.18	15.56	69	9.40	~250	1.25
1320	6.82	0.454	>1000	3.59	15.34	85	9.40	~250	2.50
1325	6.78	0.452	805	3.84	15.27	97	9.40	~250	3.75
1330	6.72	0.453	964	4.10	15.16	106	9.42	~250	5.00
1335	6.70	0.451	613	4.36	15.07	115	9.38	~250	6.25
1340	6.71	0.449	440	4.24	15.25	123	9.33	~250	7.50
1345	6.72	0.450	280	4.53	15.42	126	9.34	~250	8.75
1350	6.73	0.451	242	4.39	15.46	127	9.33	~250	10.00
1355	6.96	0.460	350	2.25	15.58	91	9.55	~300	11.25
1400	6.91	0.463	290	2.72	16.01	101	9.57	~300	12.50
1405	6.82	0.448	475	4.24	15.74	121	9.45	~250	13.75
1410	6.81	0.441	370	4.56	16.11	129	9.58	~300	15.00
1415	6.82	0.439	336	4.41	16.27	128	9.63	~300	16.25
1420	6.82	0.437	260	4.58	16.31	131	9.65	~300	17.5
1425	6.82	0.438	257	4.68	16.28	134	9.66	~300	18.75

Total Quantity of Water Removed (gal):		Sampling Time:	1430
Samplers:	~~M. Gilkey, J. Battaglia~~ JF	Split Sample With:	
Sampling Date:	8/9/22	Sample Type:	GW Grab

COMMENTS AND OBSERVATIONS: * Turbidity began to spike again. Raised tubing, and increased flow rate slightly. (>700)

1430	6.82	0.439	237	4.72	16.34	134	9.67	~300	20.00

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GROUNDWATER SAMPLING PURGE FORM

Well I.D.: TW-06	EA Personnel: J. Fontaine, H. Bedell	Client: NYSDEC
Location: North Greenbush, NY	Well Condition: Good	Weather: 76°F, Cloudy
Sounding Method: Solonist WLI	Gauge Date: 8/9/2022	Measurement Ref: TOC
Stick Up/Down (ft): Flush	Gauge Time: 0830	Well Diameter (in): 2

Purge Date: 8/9/2022	Purge Time: 1254
Purge Method: Low Flow Peri	Field Technician: H. Bendall

Well Volume

A. Well Depth (ft): 21.90	D. Well Volume (ft):	Depth/Height of Top of PVC:
B. Depth to Water (ft): 9.05	E. Well Volume (gal) C*D):	Pump Type: Peristaltic
C. Liquid Depth (ft) (A-B):	F. Three Well Volumes (gal) (E3):	Pump Intake Depth: 5' 1 above bottom

Water Quality Parameters

Time (hrs)	Temperature (oC)	pH ±0.1 (pH units)	ORP (mV) ±10	Conductivity (S/m) 3%	Turbidity (ntu) 10%	DO (mg/L)	DTW (ft btoc)	Rate (Lpm)	Volume (liters)
1254	19.19	7.47	-106	1.25	119	0.00	9.05	~0.25	
1257	18.32	7.74	-137	1.27	51.8	0.00	11.09	~0.25	0.75
1300	18.10	7.79	-149	1.26	37.9	0.00	11.87	~0.25	1.50
1303	18.07	7.80	-154	1.25	33.8	0.00	12.65	~0.25	2.25
1306	18.01	7.79	-157	1.25	33.7	0.00	13.50	~0.25	3.00
1309	18.11	7.77	-158	1.25	43.0	0.00	14.38	~0.25	3.75
1312	18.17	7.75	-159	1.25	26.0	0.00	15.16	~0.25	4.50
1315	18.21	7.74	-160	1.24	16.5	0.00	15.79	~0.25	5.25
1318	18.23	7.74	-160	1.23	15.0	0.00	16.68	~0.25	6.00
1321	18.28	7.73	-157	1.22	15.5	0.00	17.33	~0.25	6.75

Total Quantity of Water Removed (gal): _____
Samplers: J. Fontaine
Sampling Date: 8/9/2022

Sampling Time: 1321
Split Sample With: _____
Sample Type: GRAB

COMMENTS AND OBSERVATIONS: _____

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GROUNDWATER SAMPLING PURGE FORM

Well I.D.: TW-09	EA Personnel: M. Gilkey, H. Bedell	Client: NYSDEC
Location: North Greenbush, NY	Well Condition: OK	Weather: 80°F, Cloudy
Sounding Method: Solonist WLF 2001	Gauge Date: 8/9/2022	Measurement Ref: TOC
Stick Up/Down (ft): Flush	Gauge Time: 0830	Well Diameter (in): 2

Purge Date: 8/9/2022	Purge Time: 1435
Purge Method: Low Flow Peri	Field Technician: M. Gilkey & H. Bendall

Well Volume

A. Well Depth (ft): 18.65	D. Well Volume (ft):	Depth/Height of Top of PVC:
B. Depth to Water (ft): 9.91	E. Well Volume (gal) C*D):	Pump Type: Peristaltic pump
C. Liquid Depth (ft) (A-B):	F. Three Well Volumes (gal) (E3):	Pump Intake Depth: 5' above bottom

Water Quality Parameters

Time (hrs)	Temperature (oC)	pH (pH units)	ORP (mV)	Conductivity (S/m)	Turbidity (ntu)	DO (mg/L)	DTW (ft btoc)	Rate (Lpm)	Volume (liters)
1435	22.52	7.21	94	1.41	11.1	3.33	9.91	0.25	
1438	22.63	7.19	96	1.44	9.4	1.48		0.25	0.75
1441	22.95	7.23	87	1.37	8.6	0.97	9.71	0.25	1.50
1444	23.37	7.23	82	1.32	6.5	0.86		0.25	2.25
1447	23.89	7.22	80	1.26	5.0	0.76		0.25	3.00
1450	23.94	7.23	80	1.23	7.5	0.72		0.25	3.75
1453	23.86	7.23	80	1.18	4.0	0.70		0.25	4.50
1456	23.72	7.23	81	1.15	3.0	0.77		0.25	5.25
1459	23.77	7.24	83	1.14	2.6	0.78		0.25	6.00
1502	23.67	7.23	84	1.12	1.9	0.82		0.25	6.75

Total Quantity of Water Removed (gal):		Sampling Time:	1502
Samplers:	M. Gilkey	Split Sample With:	
Sampling Date:	8/9/2022	Sample Type:	GRAB

COMMENTS AND OBSERVATIONS:

2 JF

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GROUNDWATER SAMPLING PURGE FORM

Well I.D.: TW-08	EA Personnel: ~~JF~~ ~~Moriah Gilkey, James Battaglia~~	Client: NYSDEC
Location: ~~Perfection Plating, Watervliet NY~~ Roxy	Well Condition: New	Weather: Mostly sunny, 82 F
Sounding Method: Solonist WLI	Gauge Date: 8/9/22	Measurement Ref:
	Gauge Time:	Top of Casing (TOC)
Stick Up/Down (ft): Flush	PID Headspace Reading:	Well Diameter (in): 2

Purge Date: ~~2-Aug-22~~ 8/9/22	Purge Time: 1457
Purge Method: ~~Bailer~~ Low flow / peristaltic	Field Technician: ~~Moriah Gilkey, James Battaglia~~ J. Fontaine

Well Volume

A. Well Depth (ft): 23.36	D. Well Volume (ft):	Depth/Height of Top of PVC:
B. Depth to Water (ft): 9.23	E. Well Volume (gal) (C*D):	Pump Type: Peristaltic Pump
C. Liquid Depth (ft) (A-B):	F. Three Well Volumes (gal) (E3):	Pump Intake Depth: NA

Water Quality Parameters

Time (hrs)	pH (pH units)	Conductivity (mS/cm)	Turbidity (ntu)	DO (mg/L)	Temperature (°C)	ORP (mV)	DTW (ft btoc)	Rate (Lpm)	Volume (liters)
1500	7.17	0.448	445	2.21	18.82	152	9.24	~300	
1505	7.05	0.483	101	0.55	18.04	156	9.24	~250	1.50
1510	7.03	0.497	21.6	0.32	17.71	162	9.25	~250	2.75
1515	7.04	0.515	21.1	0.25	17.17	169	9.25	~250	4.00
1520	7.02	0.518	10.1	0.14	17.25	173	9.25	~250	5.25
1525	7.02	0.523	6.3	0.08	17.30	176	9.25	~250	6.50
1530	7.03	0.532	4.7	0.14	17.25	180	9.25	~250	7.75
1535	7.03	0.542	4.4	0.00	17.26	179	9.25	~250	9.00
1540	7.03	0.546	3.5	0.00	17.26	179	9.25	~250	10.25

Total Quantity of Water Removed (gal):		Sampling Time:	1540
Samplers:	~~M. Gilkey, J. Battaglia~~ JF	Split Sample With:	
Sampling Date:	8/9/22	Sample Type:	GW Grab

COMMENTS AND OBSERVATIONS:

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GROUNDWATER SAMPLING PURGE FORM

Well I.D.: TW-10	EA Personnel: M. Gilkey, H. Bedell	Client: NYSDEC
Location: North Greenbush, NY	Well Condition: OK	Weather: 83°F, Cloudy
Sounding Method: Solonist WLF 2001	Gauge Date: 8/9/2022	Measurement Ref: TOC
Stick Up/Down (ft): Flush	Gauge Time: 0830	Well Diameter (in): 2

Purge Date: 8/9/2022	Purge Time: 1540
Purge Method: Low Flow Peri	Field Technician: M. Gilkey & H. Bendall

Well Volume

A. Well Depth (ft): 18.04	D. Well Volume (ft):	Depth/Height of Top of PVC:
B. Depth to Water (ft): 9.00	E. Well Volume (gal) C*D):	Pump Type: Peristaltic
C. Liquid Depth (ft) (A-B):	F. Three Well Volumes (gal) (E3):	Pump Intake Depth:

Water Quality Parameters

Time (hrs)	Temperature (oC)	pH (pH units)	ORP (mV)	Conductivity (S/m)	Turbidity (ntu)	DO (mg/L)	DTW (ft btoc)	Rate (Lpm)	Volume (liters)
1540	24.23	7.56	82	0.519	145	4.71	9.00	0.25	0
1543	21.84	7.31	101	0.550	112	2.74	8.95	0.25	0.75
1546	21.89	7.18	111	0.539	108	2.55	8.90	0.25	1.50
1549	21.96	7.09	117	0.535	83.7	2.42	8.84	0.25	2.25
1552	21.87	7.04	121	0.537	69.1	2.23	8.85	0.25	3.00
1555	21.67	7.00	124	0.540	60.9	2.14	8.86	0.25	3.75
1558	21.42	6.98	126	0.539	51.5	2.05	8.86	0.25	4.50
1601	20.84	6.85	134	0.543	52.8	2.13	"	0.25	5.25
1604	21.05	6.95	130	0.539	41.7	2.03	"	0.25	6.00
1607	20.76	7.15	121	0.542	35.9	1.98	8.86	0.25	6.75
1610	20.50	7.16	123	0.544	32.0	2.05	"	0.25	7.50
1613	20.36	7.16	124	0.549	28.7	1.91	"	0.25	8.25
1616	20.31	7.16	126	0.550	27.9	1.86	"	0.25	9.00

Total Quantity of Water Removed (gal):		Sampling Time:	1616
Samplers:	M. Gilkey	Split Sample With:	
Sampling Date:	8/9/2022	Sample Type:	GRAB

COMMENTS AND OBSERVATIONS:

Appendix C

Analytical Summary Table

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Table C-1. Groundwater Analytical Results

			Location ID	MW-106A	MW-111	MW-113A	MW-114A	MW-115A	MW-115A	TW-06	TW-07	TW-08	TW-09	TW-10
			Sample Name	442024-MW-106A	442024-MW-111	442024-MW-113A	442024-MW-114A	442024-FD-08092022	442024-MW-115A	442024-TW-06	442024-TW-07	442024-TW-08	442024-TW-09	442024-TW-10
			Sample Date	8/9/2022	8/9/2022	8/9/2022	8/9/2022	8/9/2022	8/9/2022	8/9/2022	8/9/2022	8/9/2022	8/9/2022	8/9/2022
			Parent Sample ID					442024-MW-115A						
Analyte	**NYSDEC AWQS[1]**	**Unit**		**Result**	**Result**	**Result**	**Result**	**Result**	**Result**	**Result**	**Result**	**Result**	**Result**	**Result**
1 1 1 2-Tetrachloroethane	5	ug/L		< 0.18 U	< 0.18 U	< 0.18 U	< 0.18 U	< 0.18 U	< 0.18 U	< 0.18 U	< 0.18 U	< 0.18 U	< 0.18 U	< 0.36 U
1,1,1-Trichloroethane (TCA)	5	ug/L		< 0.17 U	< 0.17 U	< 0.17 U	< 0.17 U	< 0.17 U	< 0.17 U	< 0.17 U	< 0.17 U	< 0.17 U	< 0.17 U	< 0.34 U
1,1,2,2-Tetrachloroethane	5	ug/L		< 0.13 U	< 0.13 U	< 0.13 U	< 0.13 U	< 0.13 U	< 0.13 U	< 0.13 U	< 0.13 U	< 0.13 U	< 0.13 U	< 0.25 U
1,1,2-Trichloro-1,2,2-Trifluoroethane	5	ug/L		< 0.23 U	< 0.23 U	< 0.23 U	< 0.23 U	< 0.23 U	< 0.23 U	< 0.23 U	< 0.23 U	< 0.23 U	< 0.23 U	< 0.45 U
1,1,2-Trichloroethane	1	ug/L		< 0.18 U	< 0.18 U	< 0.18 U	< 0.18 U	< 0.18 U	< 0.18 U	< 0.18 U	< 0.18 U	< 0.18 U	< 0.18 U	< 0.37 U
1,1-Dichloroethane	5	ug/L		< 0.14 U	< 0.14 U	< 0.14 U	< 0.14 U	< 0.14 U	< 0.14 U	< 0.14 U	< 0.14 U	< 0.14 U	< 0.14 U	< 0.28 U
1,1-Dichloroethene	5	ug/L		< 0.14 U	< 0.14 U	< 0.14 U	< 0.14 U	< 0.14 U	< 0.14 U	< 0.14 U	< 0.14 U	< 0.14 U	< 0.14 U	< 0.28 U
1 1-Dichloropropene	5	ug/L		< 0.15 U	< 0.15 U	< 0.15 U	< 0.15 U	< 0.15 U	< 0.15 U	< 0.15 U	< 0.15 U	< 0.15 U	< 0.15 U	< 0.3 U
1,2,3-Trichlorobenzene	NSL	ug/L		< 0.3 U	< 0.3 U	< 0.3 U	< 0.3 U	< 0.3 U	< 0.3 U	< 0.3 U	< 0.3 U	< 0.3 U	< 0.3 U	< 0.61 U
1,2,3-Trichloropropane	5	ug/L		< 0.28 U	< 0.28 U	< 0.28 U	< 0.28 U	< 0.28 U	< 0.28 U	< 0.28 U	< 0.28 U	< 0.28 U	< 0.28 U	< 0.56 U
1,2,4-Trichlorobenzene	5	ug/L		< 0.25 U	< 0.25 U	< 0.25 U	< 0.25 U	< 0.25 U	< 0.25 U	< 0.25 U	< 0.25 U	< 0.25 U	< 0.25 U	< 0.5 U
1,2,4-Trimethylbenzene	5	ug/L		< 0.2 U	< 0.2 U	< 0.2 U	< 0.2 U	< 0.2 U	< 0.2 U	23	4.8	< 0.2 U	< 0.2 U	< 0.4 U
1,2-Dibromo-3-Chloropropane	0.04	ug/L		< 0.8 U	< 0.8 U	< 0.8 U	< 0.8 U	< 0.8 U	< 0.8 U	< 0.8 U	< 0.8 U	< 0.8 U	< 0.8 U	< 1.6 U
1,2-Dibromoethane (Ethylene Dibromide)	NSL	ug/L		< 0.17 U	< 0.17 U	< 0.17 U	< 0.17 U	< 0.17 U	< 0.17 U	< 0.17 U	< 0.17 U	< 0.17 U	< 0.17 U	< 0.34 U
1,2-Dichlorobenzene	3	ug/L		< 0.12 U	< 0.12 U	< 0.12 U	< 0.12 U	< 0.12 U	< 0.12 U	< 0.12 U	< 0.12 U	< 0.12 U	< 0.12 U	< 0.24 U
1,2-Dichloroethane	0.6	ug/L		< 0.31 U	< 0.31 U	< 0.31 U	< 0.31 U	< 0.31 U	< 0.31 U	< 0.31 U	< 0.31 U	< 0.31 U	< 0.31 U	< 0.62 U
1,2-Dichloropropane	1	ug/L		< 0.18 U	< 0.18 U	< 0.18 U	< 0.18 U	< 0.18 U	< 0.18 U	< 0.18 U	< 0.18 U	< 0.18 U	< 0.18 U	< 0.36 U
1,3,5-Trichlorobenzene	NSL	ug/L		< 0.21 U	< 0.21 U	< 0.21 U	< 0.21 U	< 0.21 U	< 0.21 U	< 0.21 U	< 0.21 U	< 0.21 U	< 0.21 U	< 0.42 U
1 3 5-Trimethylbenzene (Mesitylene)	5	ug/L		< 0.11 U	< 0.11 U	< 0.11 U	< 0.11 U	< 0.11 U	< 0.11 U	0.19	0.41	< 0.11 U	< 0.11 U	< 0.23 U
1,3-Dichlorobenzene	3	ug/L		< 0.12 U	< 0.12 U	< 0.12 U	< 0.12 U	< 0.12 U	< 0.12 U	< 0.12 U	< 0.12 U	< 0.12 U	< 0.12 U	< 0.24 U
1,3-Dichloropropane	5	ug/L		< 0.13 U	< 0.13 U	< 0.13 U	< 0.13 U	< 0.13 U	< 0.13 U	< 0.13 U	< 0.13 U	< 0.13 U	< 0.13 U	< 0.26 U
1,4-Dichlorobenzene	3	ug/L		< 0.13 U	< 0.13 U	< 0.13 U	< 0.13 U	< 0.13 U	< 0.13 U	< 0.13 U	< 0.13 U	< 0.13 U	< 0.13 U	< 0.26 U
1,4-Dioxane (P-Dioxane)	NSL	ug/L		< 21 U	< 21 U	< 21 U	< 21 U	< 21 U	< 21 U	< 21 U	< 21 U	< 21 U	< 21 U	< 41 U
2,2-Dichloropropane	5	ug/L		< 0.33 U	< 0.33 U	< 0.33 U	< 0.33 U	< 0.33 U	< 0.33 U	< 0.33 U	< 0.33 U	< 0.33 U	< 0.33 U	< 0.65 U
2-Chlorotoluene	5	ug/L		< 0.11 U	< 0.11 U	< 0.11 U	< 0.11 U	< 0.11 U	< 0.11 U	< 0.11 U	< 0.11 U	< 0.11 U	< 0.11 U	< 0.23 U
2-Hexanone	50	ug/L		< 1.1 U	< 1.1 U	< 1.1 U	< 1.1 U	< 1.1 U	< 1.1 U	< 1.1 U	< 1.1 U	< 1.1 U	< 1.1 U	< 2.2 U
2-Methoxy-2-Methylbutane	NSL	ug/L		< 0.14 U	< 0.14 U	< 0.14 U	< 0.14 U	< 0.14 U	< 0.14 U	< 0.14 U	< 0.14 U	< 0.14 U	< 0.14 U	< 0.29 U
4-Chlorotoluene	5	ug/L		< 0.12 U	< 0.12 U	< 0.12 U	< 0.12 U	< 0.12 U	< 0.12 U	< 0.12 U	< 0.12 U	< 0.12 U	< 0.12 U	< 0.24 U
Acetone	50	ug/L		< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 4.1 U
Acrylonitrile	NSL	ug/L		< 0.55 U	< 0.55 U	< 0.55 U	< 0.55 U	< 0.55 U	< 0.55 U	< 0.55 U	< 0.55 U	< 0.55 U	< 0.55 U	< 1.1 U
Benzene	1	ug/L		< 0.2 U	< 0.2 U	< 0.2 U	< 0.2 U	< 0.2 U	< 0.2 U	0.71 J	< 0.2 U	< 0.2 U	< 0.2 U	< 0.4 U
Bromobenzene	NSL	ug/L		< 0.15 U	< 0.15 U	< 0.15 U	< 0.15 U	< 0.15 U	< 0.15 U	< 0.15 U	< 0.15 U	< 0.15 U	< 0.15 U	< 0.3 U
Bromochloromethane	5	ug/L		< 0.31 U	< 0.31 U	< 0.31 U	< 0.31 U	< 0.31 U	< 0.31 U	< 0.31 U	< 0.31 U	< 0.31 U	< 0.31 U	< 0.61 U
Bromodichloromethane	50	ug/L		< 0.18 U	< 0.18 U	< 0.18 U	< 0.18 U	< 0.18 U	< 0.18 U	< 0.18 U	< 0.18 U	< 0.18 U	< 0.18 U	< 0.36 U
Bromoform	50	ug/L		< 0.38 U	< 0.38 U	< 0.38 U	< 0.38 U	< 0.38 U	< 0.38 U	< 0.38 U	< 0.38 U	< 0.38 U	< 0.38 U	< 0.77 U
Bromomethane	5	ug/L		< 1.5 U	< 1.5 U	< 1.5 U	< 1.5 U	< 1.5 U	< 1.5 U	< 1.5 U	< 1.5 U	< 1.5 U	< 1.5 U	< 3.1 U
Carbon Disulfide	60	ug/L		< 1.4 U	< 1.4 U	< 1.4 U	< 1.4 U	< 1.4 U	< 1.4 U	< 1.4 U	< 1.4 U	< 1.4 U	< 1.4 U	< 2.9 U
Carbon Tetrachloride	5	ug/L		< 0.16 U	< 0.16 U	< 0.16 U	< 0.16 U	< 0.16 U	< 0.16 U	< 0.16 U	< 0.16 U	< 0.16 U	< 0.16 U	< 0.33 U
Chlorobenzene	5	ug/L		< 0.11 U	< 0.11 U	< 0.11 U	< 0.11 U	< 0.11 U	< 0.11 U	< 0.11 U	< 0.11 U	< 0.11 U	< 0.11 U	< 0.21 U
Chloroethane	5	ug/L		< 0.32 U	< 0.32 U	< 0.32 U	< 0.32 U	< 0.32 U	< 0.32 U	< 0.32 U	< 0.32 U	< 0.32 U	< 0.32 U	< 0.64 U
Chloroform	7	ug/L		< 0.17 U	1.5 J	< 0.17 U	< 0.17 U	< 0.17 U	< 0.17 U	< 0.17 U	0.65	0.48 J	0.65 J	2.1 J
Chloromethane	NSL	ug/L		< 0.52 U	< 0.52 U	< 0.52 U	< 0.52 U	< 0.52 U	< 0.52 U	< 0.52 U	< 0.52 U	< 0.52 U	< 0.52 U	< 1 U
Cis-1,2-Dichloroethylene	5	ug/L		< 0.15 U	< 0.15 U	< 0.15 U	< 0.15 U	7.6	7.9	11	< 0.15 U	20	4.7	1.3 J
Cis-1,3-Dichloropropene	0.4	ug/L		< 0.16 U	< 0.16 U	< 0.16 U	< 0.16 U	< 0.16 U	< 0.16 U	< 0.16 U	< 0.16 U	< 0.16 U	< 0.16 U	< 0.32 U
Cymene	5	ug/L		< 0.097 U	< 0.097 U	< 0.097 U	< 0.097 U	< 0.097 U	< 0.097 U	< 0.097 U	0.61 J	< 0.097 U	< 0.097 U	< 0.19 U
Dibromochloromethane	50	ug/L		< 0.22 U	< 0.22 U	< 0.22 U	< 0.22 U	< 0.22 U	< 0.22 U	< 0.22 U	< 0.22 U	< 0.22 U	< 0.22 U	< 0.44 U
Dibromomethane	NSL	ug/L		< 0.35 U	< 0.35 U	< 0.35 U	< 0.35 U	< 0.35 U	< 0.35 U	< 0.35 U	< 0.35 U	< 0.35 U	< 0.35 U	< 0.71 U

Table C-1. Groundwater Analytical Results

			Location ID	MW-106A	MW-111	MW-113A	MW-114A	MW-115A	MW-115A	TW-06	TW-07	TW-08	TW-09	TW-10
			Sample Name	442024-MW-106A	442024-MW-111	442024-MW-113A	442024-MW-114A	442024-FD-08092022	442024-MW-115A	442024-TW-06	442024-TW-07	442024-TW-08	442024-TW-09	442024-TW-10
			Sample Date	8/9/2022	8/9/2022	8/9/2022	8/9/2022	8/9/2022	8/9/2022	8/9/2022	8/9/2022	8/9/2022	8/9/2022	8/9/2022
			Parent Sample ID					442024-MW-115A						
Analyte	**NYSDEC AWQS[1]**	**Unit**		**Result**	**Result**	**Result**	**Result**	**Result**	**Result**	**Result**	**Result**	**Result**	**Result**	**Result**
Dichlorodifluoromethane	5	ug/L		< 0.19 U	< 0.19 U	< 0.19 U	< 0.19 U	< 0.19 U	< 0.19 U	< 0.19 U	< 0.19 U	< 0.19 U	< 0.19 U	< 0.38 U
Diethyl Ether (Ethyl Ether)	NSL	ug/L		< 0.18 U	< 0.18 U	< 0.18 U	< 0.18 U	< 0.18 U	< 0.18 U	< 0.18 U	< 0.18 U	< 0.18 U	< 0.18 U	< 0.36 U
Ethyl Tert-Butyl Ether	NSL	ug/L		< 0.15 U	< 0.15 U	< 0.15 U	< 0.15 U	< 0.15 U	< 0.15 U	< 0.15 U	< 0.15 U	< 0.15 U	< 0.15 U	< 0.3 U
Ethylbenzene	5	ug/L		< 0.21 U	< 0.21 U	< 0.21 U	< 0.21 U	< 0.21 U	< 0.21 U	4.1	1.3	< 0.21 U	< 0.21 U	< 0.43 U
Hexachlorobutadiene	0.5	ug/L		< 0.46 U	< 0.46 U	< 0.46 U	< 0.46 U	< 0.46 U	< 0.46 U	< 0.46 U	< 0.46 U	< 0.46 U	< 0.46 U	< 0.91 U
Isopropyl Ether	NSL	ug/L		< 0.13 U	< 0.13 U	< 0.13 U	< 0.13 U	< 0.13 U	< 0.13 U	< 0.13 U	< 0.13 U	< 0.13 U	< 0.13 U	< 0.26 U
Isopropylbenzene (Cumene)	5	ug/L		< 0.11 U	< 0.11 U	< 0.11 U	< 0.11 U	< 0.11 U	< 0.11 U	5.9	0.98	< 0.11 U	< 0.11 U	< 0.22 U
m p-Xylene	NSL	ug/L		< 0.46 U	< 0.46 U	< 0.46 U	< 0.46 U	< 0.46 U	< 0.46 U	1.2	0.94	< 0.46 U	< 0.46 U	< 0.92 U
Methyl Acetate	NSL	ug/L		< 0.45 U	< 0.45 U	< 0.45 U	< 0.45 U	< 0.45 U	< 0.45 U	< 0.45 U	< 0.45 U	< 0.45 U	< 0.45 U	< 0.91 U
Methyl Ethyl Ketone (2-Butanone)	50	ug/L		< 1.6 U	< 1.6 U	< 1.6 U	< 1.6 U	< 1.6 U	< 1.6 U	< 1.6 U	< 1.6 U	< 1.6 U	< 1.6 U	< 3.2 U
Methyl Isobutyl Ketone (4-Methyl-2-Pentanone)	NSL	ug/L		< 1.3 U	< 1.3 U	< 1.3 U	< 1.3 U	< 1.3 U	< 1.3 U	< 1.3 U	< 1.3 U	< 1.3 U	< 1.3 U	< 2.6 U
Methylcyclohexane	NSL	ug/L		< 0.24 U	< 0.24 U	< 0.24 U	< 0.24 U	< 0.24 U	< 0.24 U	40	4.6	< 0.24 U	< 0.24 U	< 0.49 U
Methylene Chloride	5	ug/L		< 0.23 U	< 0.23 U	< 0.23 U	< 0.23 U	< 0.23 U	< 0.23 U	< 0.23 U	< 0.23 U	< 0.23 U	< 0.23 U	< 0.47 U
Naphthalene	10	ug/L		< 0.24 U	< 0.24 U	< 0.24 U	< 0.24 U	< 0.24 U	< 0.24 U	1.2 J	0.80	< 0.24 U	< 0.24 U	< 0.49 U
N-Butylbenzene	5	ug/L		< 0.15 U	< 0.15 U	< 0.15 U	< 0.15 U	< 0.15 U	< 0.15 U	2.1	0.44	< 0.15 U	< 0.15 U	< 0.3 U
N-Propylbenzene	5	ug/L		< 0.086 U	< 0.086 U	< 0.086 U	< 0.086 U	< 0.086 U	< 0.086 U	8.4	1.1	< 0.086 U	< 0.086 U	< 0.17 U
O-Xylene (1,2-Dimethylbenzene)	5	ug/L		< 0.23 U	< 0.23 U	< 0.23 U	< 0.23 U	< 0.23 U	< 0.23 U	1.7	< 0.23 U	< 0.23 U	< 0.23 U	< 0.46 U
Sec-Butylbenzene	5	ug/L		< 0.11 U	< 0.11 U	< 0.11 U	< 0.11 U	< 0.11 U	< 0.11 U	1.8	0.29	< 0.11 U	< 0.11 U	< 0.22 U
Styrene	5	ug/L		< 0.11 U	< 0.11 U	< 0.11 U	< 0.11 U	< 0.11 U	< 0.11 U	< 0.11 U	< 0.11 U	< 0.11 U	< 0.11 U	< 0.21 U
T-Butylbenzene	5	ug/L		< 0.13 U	< 0.13 U	< 0.13 U	< 0.13 U	< 0.13 U	< 0.13 U	0.54	0.14 J	< 0.13 U	< 0.13 U	< 0.26 U
Tert-Butyl Alcohol	NSL	ug/L		< 4.7 U	< 4.7 U	< 4.7 U	< 4.7 U	< 4.7 U	< 4.7 U	< 4.7 U	< 4.7 U	< 4.7 U	< 4.7 U	< 9.4 U
Tert-Butyl Methyl Ether	10	ug/L		< 0.17 U	< 0.17 U	< 0.17 U	0.47 J	< 0.17 U	0.19	< 0.17 U	< 0.17 U	< 0.17 U	< 0.17 U	< 0.34 U
Tetrachloroethylene (PCE)	5	ug/L		< 0.19 U	3.0	< 0.19 U	< 0.19 U	36	39	6.1	< 0.19 U	12	74	200
Tetrahydrofuran	NSL	ug/L		< 0.49 U	< 0.49 U	< 0.49 U	< 0.49 U	< 0.49 U	< 0.49 U	< 0.49 U	< 0.49 U	< 0.49 U	< 0.49 U	< 0.98 U
Toluene	5	ug/L		< 0.22 U	< 0.22 U	< 0.22 U	< 0.22 U	< 0.22 U	< 0.22 U	0.35 J	< 0.22 U	< 0.22 U	< 0.22 U	< 0.45 U
Trans-1,2-Dichloroethene	5	ug/L		< 0.17 U	< 0.17 U	< 0.17 U	< 0.17 U	< 0.17 U	< 0.17 U	< 0.17 U	< 0.17 U	< 0.17 U	< 0.17 U	< 0.34 U
Trans-1,3-Dichloropropene	0.4	ug/L		< 0.17 U	< 0.17 U	< 0.17 U	< 0.17 U	< 0.17 U	< 0.17 U	< 0.17 U	< 0.17 U	< 0.17 U	< 0.17 U	< 0.34 U
Trans-1,4-Dichloro-2-Butene	NSL	ug/L		< 1.6 U	< 1.6 U	< 1.6 U	< 1.6 U	< 1.6 U	< 1.6 U	< 1.6 U	< 1.6 U	< 1.6 U	< 1.6 U	< 3.2 U
Trichloroethylene (TCE)	5	ug/L		< 0.19 U	< 0.19 U	< 0.19 U	< 0.19 U	1.1	1.0	8.6	< 0.19 U	1.3	5.7	1.5 J
Trichlorofluoromethane	5	ug/L		< 0.18 U	< 0.18 U	< 0.18 U	< 0.18 U	< 0.18 U	< 0.18 U	< 0.18 U	< 0.18 U	< 0.18 U	< 0.18 U	< 0.35 U
Vinyl Chloride	2	ug/L		< 0.21 U	< 0.21 U	< 0.21 U	< 0.21 U	< 0.21 U	< 0.21 U	0.98	< 0.21 U	< 0.21 U	< 0.21 U	< 0.42 U

Notes

[1] New York State Department of Environmental Conservation (NYSDEC) Class GA (groundwater for drinking water use) standards and guidance values, Technical and Operational Guidance Series (TOGS) 1.1.1.

B = Blank contamination

D = Diluted result

J = Estimated value

NSL = No screening level available.

U = Analyte not detected, reporting limit is presented

µg/L = Microgram per liter

Values exceeding the NYSDEC AWQS are shaded gray.

Appendix D

Laboratory Reports

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A Pace Analytical® Laboratory

39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

August 16, 2022

Chris Sanson
NYDEC_EA Engineering, Science & Tech. - NY
269 W. Jefferson Street
Syracuse, NY 13202

Project Location: 197 Main Ave, Wynantskill
Client Job Number:
Project Number: 442024
Laboratory Work Order Number: 22H0592

Enclosed are results of analyses for samples as received by the laboratory on August 11, 2022. If you have any questions concerning this report, please feel free to contact me.

Sincerely,



Raymond J. McCarthy
Project Manager

Table of Contents

Sample Summary 3

Case Narrative 4

Sample Results 7

22H0592-01 7

22H0592-02 9

22H0592-03 11

22H0592-04 13

22H0592-05 15

22H0592-06 17

22H0592-07 19

22H0592-08 21

22H0592-09 23

22H0592-10 25

22H0592-11 27

22H0592-12 29

22H0592-13 31

QC Data 33

Volatile Organic Compounds by GC/MS 33

B315025 33

Flag/Qualifier Summary 42

Certifications 43

Chain of Custody/Sample Receipt 46

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NYDEC_EA Engineering, Science & Tech - NY
269 W Jefferson Street
Syracuse, NY 13202
ATTN: Chris Sanson

REPORT DATE: 8/16/2022

PURCHASE ORDER NUMBER: 142876

PROJECT NUMBER: 442024

ANALYTICAL SUMMARY

WORK ORDER NUMBER: 22H0592

The results of analyses performed on the following samples submitted to CON-TEST, a Pace Analytical Laboratory, are found in this report

PROJECT LOCATION: 197 Main Ave, Wynantskill

FIELD SAMPLE #	LAB ID:	MATRIX	SAMPLE DESCRIPTION	TEST	SUB LAB
442024-MW-113A	22H0592-01	Ground Water		SW-846 8260D	
442024-MW-115A	22H0592-02	Ground Water		SW-846 8260D	
442024-MW-114A	22H0592-03	Ground Water		SW-846 8260D	
442024-MW-106A	22H0592-04	Ground Water		SW-846 8260D	
442024-MW-111	22H0592-05	Ground Water		SW-846 8260D	
442024-TW-07	22H0592-06	Ground Water		SW-846 8260D	
442024-TW-06	22H0592-07	Ground Water		SW-846 8260D	
442024-TW-09	22H0592-08	Ground Water		SW-846 8260D	
442024-TW-08	22H0592-09	Ground Water		SW-846 8260D	
442024-TW-10	22H0592-10	Ground Water		SW-846 8260D	
442024-FD-08092022	22H0592-11	Ground Water		SW-846 8260D	
442024-FB-08092022	22H0592-12	Water		SW-846 8260D	
442024-TB-08092022	22H0592-13	Water		SW-846 8260D	

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CASE NARRATIVE SUMMARY

All reported results are within defined laboratory quality control objectives unless listed below or otherwise qualified in this report

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SW-846 8260D

Qualifications:

L-02

Laboratory fortified blank/laboratory control sample recovery and duplicate recoveries outside of control limits Data validation is not affected since all results are "not detected" for associated samples in this batch and bias is on the high side

Analyte & Samples(s) Qualified:

Vinyl Chloride

B315025-BS1, B315025-BSD1, B315025-MS1, B315025-MSD1

L-07

Either laboratory fortified blank/laboratory control sample or duplicate recovery is outside of control limits, but the other is within limits RPD between the two LFB/LCS results is within method specified criteria

Analyte & Samples(s) Qualified:

Carbon Disulfide

B315025-BSD1

L-07A

Either laboratory fortified blank/laboratory control sample or duplicate recovery is outside of control limits, but the other is within limits RPD outside of control limits Reduced precision anticipated for any reported result for this compound

Analyte & Samples(s) Qualified:

Acrylonitrile

B315025-BS1

MS-15

Matrix spike and matrix spike duplicate recoveries are outside of control limits Data validation is not affected since results for this compound in this sample are "not detected", and recovery bias is on the high side

Analyte & Samples(s) Qualified:

Carbon Disulfide

B315025-MS1, B315025-MSD1

Vinyl Chloride

B315025-MS1, B315025-MSD1

R-05

Laboratory fortified blank duplicate RPD is outside of control limits Reduced precision is anticipated for any reported value for this compound

Analyte & Samples(s) Qualified:

Acrylonitrile

22H0592-01[442024-MW-113A], 22H0592-02[442024-MW-115A], 22H0592-03[442024-MW-114A], 22H0592-04[442024-MW-106A], 22H0592-05[442024-MW-111], 22H0592-06[442024-TW-07], 22H0592-07[442024-TW-06], 22H0592-08[442024-TW-09], 22H0592-09[442024-TW-08], 22H0592-10[442024-TW-10], 22H0592-11[442024-FD-08092022], 22H0592-12[442024-FB-08092022], 22H0592-13[442024-TB-08092022], B315025-BLK1, B315025-BS1, B315025-BSD1, B315025-MS1, B315025-MSD1

R-06

Matrix spike duplicate RPD is outside of control limits Reduced precision is anticipated for reported result for this compound in this sample

Analyte & Samples(s) Qualified:

Chloromethane

22H0592-01[442024-MW-113A], B315025-MS1, B315025-MSD1

RL-11

Elevated reporting limit due to high concentration of target compounds

Analyte & Samples(s) Qualified:

22H0592-10[442024-TW-10]

V-20

Continuing calibration verification (CCV) did not meet method specifications and was biased on the high side Data validation is not affected since sample result was "not detected" for this compound

Analyte & Samples(s) Qualified:

Carbon Disulfide

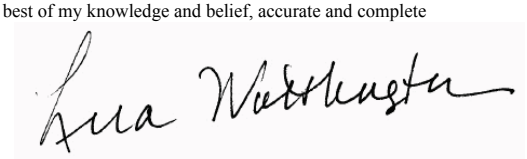
B315025-BS1, B315025-BSD1, B315025-MS1, B315025-MSD1, S075292-CCV1

Vinyl Chloride

B315025-BS1, B315025-BSD1, B315025-MS1, B315025-MSD1, S075292-CCV1

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The results of analyses reported only relate to samples submitted to Con-Test, a Pace Analytical Laboratory, for testing
I certify that the analyses listed above, unless specifically listed as subcontracted, if any, were performed under my direction according to the approved methodologies listed in this document, and that based upon my inquiry of those individuals immediately responsible for obtaining the information, the material contained in this report is, to the best of my knowledge and belief, accurate and complete



Lisa A Worthington
Technical Representative

con-test® A Pace Analytical® Laboratory

39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: 197 Main Ave, Wynantskill | Sample Description: | Work Order: 22H0592

Date Received: 8/11/2022

Field Sample #: 442024-MW-113A | Sampled: 8/9/2022 09:21

Sample ID: 22H0592-01

Sample Matrix: Ground Water

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	DL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Acetone	ND	50	2 0	µg/L	1		SW-846 8260D	8/12/22	8/12/22 13:30	EEH
Acrylonitrile	ND	5 0	0 55	µg/L	1	R-05	SW-846 8260D	8/12/22	8/12/22 13:30	EEH
tert-Amyl Methyl Ether (TAME)	ND	0 50	0 14	µg/L	1		SW-846 8260D	8/12/22	8/12/22 13:30	EEH
Benzene	ND	1 0	0 20	µg/L	1		SW-846 8260D	8/12/22	8/12/22 13:30	EEH
Bromobenzene	ND	1 0	0 15	µg/L	1		SW-846 8260D	8/12/22	8/12/22 13:30	EEH
Bromochloromethane	ND	1 0	0 31	µg/L	1		SW-846 8260D	8/12/22	8/12/22 13:30	EEH
Bromodichloromethane	ND	0 50	0 18	µg/L	1		SW-846 8260D	8/12/22	8/12/22 13:30	EEH
Bromoform	ND	2 0	0 38	µg/L	1		SW-846 8260D	8/12/22	8/12/22 13:30	EEH
Bromomethane	ND	2 0	1 5	µg/L	1		SW-846 8260D	8/12/22	8/12/22 13:30	EEH
2-Butanone (MEK)	ND	20	1 6	µg/L	1		SW-846 8260D	8/12/22	8/12/22 13:30	EEH
tert-Butyl Alcohol (TBA)	ND	20	4 7	µg/L	1		SW-846 8260D	8/12/22	8/12/22 13:30	EEH
n-Butylbenzene	ND	1 0	0 15	µg/L	1		SW-846 8260D	8/12/22	8/12/22 13:30	EEH
sec-Butylbenzene	ND	1 0	0 11	µg/L	1		SW-846 8260D	8/12/22	8/12/22 13:30	EEH
tert-Butylbenzene	ND	1 0	0 13	µg/L	1		SW-846 8260D	8/12/22	8/12/22 13:30	EEH
tert-Butyl Ethyl Ether (TBEE)	ND	0 50	0 15	µg/L	1		SW-846 8260D	8/12/22	8/12/22 13:30	EEH
Carbon Disulfide	ND	5 0	1 4	µg/L	1		SW-846 8260D	8/12/22	8/12/22 13:30	EEH
Carbon Tetrachloride	ND	5 0	0 16	µg/L	1		SW-846 8260D	8/12/22	8/12/22 13:30	EEH
Chlorobenzene	ND	1 0	0 11	µg/L	1		SW-846 8260D	8/12/22	8/12/22 13:30	EEH
Chlorodibromomethane	ND	0 50	0 22	µg/L	1		SW-846 8260D	8/12/22	8/12/22 13:30	EEH
Chloroethane	ND	2 0	0 32	µg/L	1		SW-846 8260D	8/12/22	8/12/22 13:30	EEH
Chloroform	ND	2 0	0 17	µg/L	1		SW-846 8260D	8/12/22	8/12/22 13:30	EEH
Chloromethane	ND	2 0	0 52	µg/L	1	R-06	SW-846 8260D	8/12/22	8/12/22 13:30	EEH
2-Chlorotoluene	ND	1 0	0 11	µg/L	1		SW-846 8260D	8/12/22	8/12/22 13:30	EEH
4-Chlorotoluene	ND	1 0	0 12	µg/L	1		SW-846 8260D	8/12/22	8/12/22 13:30	EEH
1,2-Dibromo-3-chloropropane (DBCP)	ND	5 0	0 80	µg/L	1		SW-846 8260D	8/12/22	8/12/22 13:30	EEH
1,2-Dibromoethane (EDB)	ND	0 50	0 17	µg/L	1		SW-846 8260D	8/12/22	8/12/22 13:30	EEH
Dibromomethane	ND	1 0	0 35	µg/L	1		SW-846 8260D	8/12/22	8/12/22 13:30	EEH
1,2-Dichlorobenzene	ND	1 0	0 12	µg/L	1		SW-846 8260D	8/12/22	8/12/22 13:30	EEH
1,3-Dichlorobenzene	ND	1 0	0 12	µg/L	1		SW-846 8260D	8/12/22	8/12/22 13:30	EEH
1,4-Dichlorobenzene	ND	1 0	0 13	µg/L	1		SW-846 8260D	8/12/22	8/12/22 13:30	EEH
trans-1,4-Dichloro-2-butene	ND	2 0	1 6	µg/L	1		SW-846 8260D	8/12/22	8/12/22 13:30	EEH
Dichlorodifluoromethane (Freon 12)	ND	2 0	0 19	µg/L	1		SW-846 8260D	8/12/22	8/12/22 13:30	EEH
1,1-Dichloroethane	ND	1 0	0 14	µg/L	1		SW-846 8260D	8/12/22	8/12/22 13:30	EEH
1,2-Dichloroethane	ND	1 0	0 31	µg/L	1		SW-846 8260D	8/12/22	8/12/22 13:30	EEH
1,1-Dichloroethylene	ND	1 0	0 14	µg/L	1		SW-846 8260D	8/12/22	8/12/22 13:30	EEH
cis-1,2-Dichloroethylene	ND	1 0	0 15	µg/L	1		SW-846 8260D	8/12/22	8/12/22 13:30	EEH
trans-1,2-Dichloroethylene	ND	1 0	0 17	µg/L	1		SW-846 8260D	8/12/22	8/12/22 13:30	EEH
1,2-Dichloropropane	ND	1 0	0 18	µg/L	1		SW-846 8260D	8/12/22	8/12/22 13:30	EEH
1,3-Dichloropropane	ND	0 50	0 13	µg/L	1		SW-846 8260D	8/12/22	8/12/22 13:30	EEH
2,2-Dichloropropane	ND	1 0	0 33	µg/L	1		SW-846 8260D	8/12/22	8/12/22 13:30	EEH
1,1-Dichloropropene	ND	2 0	0 15	µg/L	1		SW-846 8260D	8/12/22	8/12/22 13:30	EEH
cis-1,3-Dichloropropene	ND	0 50	0 16	µg/L	1		SW-846 8260D	8/12/22	8/12/22 13:30	EEH
trans-1,3-Dichloropropene	ND	0 50	0 17	µg/L	1		SW-846 8260D	8/12/22	8/12/22 13:30	EEH
Diethyl Ether	ND	2 0	0 18	µg/L	1		SW-846 8260D	8/12/22	8/12/22 13:30	EEH

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39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: 197 Main Ave, Wynantskill | Sample Description: | Work Order: 22H0592

Date Received: 8/11/2022

Field Sample #: 442024-MW-113A | Sampled: 8/9/2022 09:21

Sample ID: 22H0592-01

Sample Matrix: Ground Water

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	DL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Diisopropyl Ether (DIPE)	ND	0 50	0 13	µg/L	1		SW-846 8260D	8/12/22	8/12/22 13:30	EEH
1,4-Dioxane	ND	50	21	µg/L	1		SW-846 8260D	8/12/22	8/12/22 13:30	EEH
Ethylbenzene	ND	1 0	0 21	µg/L	1		SW-846 8260D	8/12/22	8/12/22 13:30	EEH
Hexachlorobutadiene	ND	1 0	0 46	µg/L	1		SW-846 8260D	8/12/22	8/12/22 13:30	EEH
2-Hexanone (MBK)	ND	10	1 1	µg/L	1		SW-846 8260D	8/12/22	8/12/22 13:30	EEH
Isopropylbenzene (Cumene)	ND	1 0	0 11	µg/L	1		SW-846 8260D	8/12/22	8/12/22 13:30	EEH
p-Isopropyltoluene (p-Cymene)	ND	1 0	0 097	µg/L	1		SW-846 8260D	8/12/22	8/12/22 13:30	EEH
Methyl Acetate	ND	1 0	0 45	µg/L	1		SW-846 8260D	8/12/22	8/12/22 13:30	EEH
Methyl tert-Butyl Ether (MTBE)	ND	1 0	0 17	µg/L	1		SW-846 8260D	8/12/22	8/12/22 13:30	EEH
Methyl Cyclohexane	ND	1 0	0 24	µg/L	1		SW-846 8260D	8/12/22	8/12/22 13:30	EEH
Methylene Chloride	ND	5 0	0 23	µg/L	1		SW-846 8260D	8/12/22	8/12/22 13:30	EEH
4-Methyl-2-pentanone (MIBK)	ND	10	1 3	µg/L	1		SW-846 8260D	8/12/22	8/12/22 13:30	EEH
Naphthalene	ND	2 0	0 24	µg/L	1		SW-846 8260D	8/12/22	8/12/22 13:30	EEH
n-Propylbenzene	ND	1 0	0 086	µg/L	1		SW-846 8260D	8/12/22	8/12/22 13:30	EEH
Styrene	ND	1 0	0 11	µg/L	1		SW-846 8260D	8/12/22	8/12/22 13:30	EEH
1,1,1,2-Tetrachloroethane	ND	1 0	0 18	µg/L	1		SW-846 8260D	8/12/22	8/12/22 13:30	EEH
1,1,2,2-Tetrachloroethane	ND	0 50	0 13	µg/L	1		SW-846 8260D	8/12/22	8/12/22 13:30	EEH
Tetrachloroethylene	ND	1 0	0 19	µg/L	1		SW-846 8260D	8/12/22	8/12/22 13:30	EEH
Tetrahydrofuran	ND	10	0 49	µg/L	1		SW-846 8260D	8/12/22	8/12/22 13:30	EEH
Toluene	ND	1 0	0 22	µg/L	1		SW-846 8260D	8/12/22	8/12/22 13:30	EEH
1,2,3-Trichlorobenzene	ND	5 0	0 30	µg/L	1		SW-846 8260D	8/12/22	8/12/22 13:30	EEH
1,2,4-Trichlorobenzene	ND	1 0	0 25	µg/L	1		SW-846 8260D	8/12/22	8/12/22 13:30	EEH
1,3,5-Trichlorobenzene	ND	1 0	0 21	µg/L	1		SW-846 8260D	8/12/22	8/12/22 13:30	EEH
1,1,1-Trichloroethane	ND	1 0	0 17	µg/L	1		SW-846 8260D	8/12/22	8/12/22 13:30	EEH
1,1,2-Trichloroethane	ND	1 0	0 18	µg/L	1		SW-846 8260D	8/12/22	8/12/22 13:30	EEH
Trichloroethylene	ND	1 0	0 19	µg/L	1		SW-846 8260D	8/12/22	8/12/22 13:30	EEH
Trichlorofluoromethane (Freon 11)	ND	2 0	0 18	µg/L	1		SW-846 8260D	8/12/22	8/12/22 13:30	EEH
1,2,3-Trichloropropane	ND	2 0	0 28	µg/L	1		SW-846 8260D	8/12/22	8/12/22 13:30	EEH
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	2 0	0 23	µg/L	1		SW-846 8260D	8/12/22	8/12/22 13:30	EEH
1,2,4-Trimethylbenzene	ND	1 0	0 20	µg/L	1		SW-846 8260D	8/12/22	8/12/22 13:30	EEH
1,3,5-Trimethylbenzene	ND	1 0	0 11	µg/L	1		SW-846 8260D	8/12/22	8/12/22 13:30	EEH
Vinyl Chloride	ND	2 0	0 21	µg/L	1		SW-846 8260D	8/12/22	8/12/22 13:30	EEH
m+p Xylene	ND	2 0	0 46	µg/L	1		SW-846 8260D	8/12/22	8/12/22 13:30	EEH
o-Xylene	ND	1 0	0 23	µg/L	1		SW-846 8260D	8/12/22	8/12/22 13:30	EEH

Surrogates	% Recovery	Recovery Limits	Flag/Qual	
1,2-Dichloroethane-d4	93 2	70-130		8/12/22 13:30
Toluene-d8	98 2	70-130		8/12/22 13:30
4-Bromofluorobenzene	100	70-130		8/12/22 13:30

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39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: 197 Main Ave, Wynantskill Sample Description: Work Order: 22H0592

Date Received: 8/11/2022

Field Sample #: 442024-MW-115A Sampled: 8/9/2022 10:24

Sample ID: 22H0592-02

Sample Matrix: Ground Water

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	DL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Acetone	ND	50	2 0	µg/L	1		SW-846 8260D	8/12/22	8/12/22 13:57	EEH
Acrylonitrile	ND	5 0	0 55	µg/L	1	R-05	SW-846 8260D	8/12/22	8/12/22 13:57	EEH
tert-Amyl Methyl Ether (TAME)	ND	0 50	0 14	µg/L	1		SW-846 8260D	8/12/22	8/12/22 13:57	EEH
Benzene	ND	1 0	0 20	µg/L	1		SW-846 8260D	8/12/22	8/12/22 13:57	EEH
Bromobenzene	ND	1 0	0 15	µg/L	1		SW-846 8260D	8/12/22	8/12/22 13:57	EEH
Bromochloromethane	ND	1 0	0 31	µg/L	1		SW-846 8260D	8/12/22	8/12/22 13:57	EEH
Bromodichloromethane	ND	0 50	0 18	µg/L	1		SW-846 8260D	8/12/22	8/12/22 13:57	EEH
Bromoform	ND	2 0	0 38	µg/L	1		SW-846 8260D	8/12/22	8/12/22 13:57	EEH
Bromomethane	ND	2 0	1 5	µg/L	1		SW-846 8260D	8/12/22	8/12/22 13:57	EEH
2-Butanone (MEK)	ND	20	1 6	µg/L	1		SW-846 8260D	8/12/22	8/12/22 13:57	EEH
tert-Butyl Alcohol (TBA)	ND	20	4 7	µg/L	1		SW-846 8260D	8/12/22	8/12/22 13:57	EEH
n-Butylbenzene	ND	1 0	0 15	µg/L	1		SW-846 8260D	8/12/22	8/12/22 13:57	EEH
sec-Butylbenzene	ND	1 0	0 11	µg/L	1		SW-846 8260D	8/12/22	8/12/22 13:57	EEH
tert-Butylbenzene	ND	1 0	0 13	µg/L	1		SW-846 8260D	8/12/22	8/12/22 13:57	EEH
tert-Butyl Ethyl Ether (TBEE)	ND	0 50	0 15	µg/L	1		SW-846 8260D	8/12/22	8/12/22 13:57	EEH
Carbon Disulfide	ND	5 0	1 4	µg/L	1		SW-846 8260D	8/12/22	8/12/22 13:57	EEH
Carbon Tetrachloride	ND	5 0	0 16	µg/L	1		SW-846 8260D	8/12/22	8/12/22 13:57	EEH
Chlorobenzene	ND	1 0	0 11	µg/L	1		SW-846 8260D	8/12/22	8/12/22 13:57	EEH
Chlorodibromomethane	ND	0 50	0 22	µg/L	1		SW-846 8260D	8/12/22	8/12/22 13:57	EEH
Chloroethane	ND	2 0	0 32	µg/L	1		SW-846 8260D	8/12/22	8/12/22 13:57	EEH
Chloroform	ND	2 0	0 17	µg/L	1		SW-846 8260D	8/12/22	8/12/22 13:57	EEH
Chloromethane	ND	2 0	0 52	µg/L	1		SW-846 8260D	8/12/22	8/12/22 13:57	EEH
2-Chlorotoluene	ND	1 0	0 11	µg/L	1		SW-846 8260D	8/12/22	8/12/22 13:57	EEH
4-Chlorotoluene	ND	1 0	0 12	µg/L	1		SW-846 8260D	8/12/22	8/12/22 13:57	EEH
1,2-Dibromo-3-chloropropane (DBCP)	ND	5 0	0 80	µg/L	1		SW-846 8260D	8/12/22	8/12/22 13:57	EEH
1,2-Dibromoethane (EDB)	ND	0 50	0 17	µg/L	1		SW-846 8260D	8/12/22	8/12/22 13:57	EEH
Dibromomethane	ND	1 0	0 35	µg/L	1		SW-846 8260D	8/12/22	8/12/22 13:57	EEH
1,2-Dichlorobenzene	ND	1 0	0 12	µg/L	1		SW-846 8260D	8/12/22	8/12/22 13:57	EEH
1,3-Dichlorobenzene	ND	1 0	0 12	µg/L	1		SW-846 8260D	8/12/22	8/12/22 13:57	EEH
1,4-Dichlorobenzene	ND	1 0	0 13	µg/L	1		SW-846 8260D	8/12/22	8/12/22 13:57	EEH
trans-1,4-Dichloro-2-butene	ND	2 0	1 6	µg/L	1		SW-846 8260D	8/12/22	8/12/22 13:57	EEH
Dichlorodifluoromethane (Freon 12)	ND	2 0	0 19	µg/L	1		SW-846 8260D	8/12/22	8/12/22 13:57	EEH
1,1-Dichloroethane	ND	1 0	0 14	µg/L	1		SW-846 8260D	8/12/22	8/12/22 13:57	EEH
1,2-Dichloroethane	ND	1 0	0 31	µg/L	1		SW-846 8260D	8/12/22	8/12/22 13:57	EEH
1,1-Dichloroethylene	ND	1 0	0 14	µg/L	1		SW-846 8260D	8/12/22	8/12/22 13:57	EEH
cis-1,2-Dichloroethylene	7 9	1 0	0 15	µg/L	1		SW-846 8260D	8/12/22	8/12/22 13:57	EEH
trans-1,2-Dichloroethylene	ND	1 0	0 17	µg/L	1		SW-846 8260D	8/12/22	8/12/22 13:57	EEH
1,2-Dichloropropane	ND	1 0	0 18	µg/L	1		SW-846 8260D	8/12/22	8/12/22 13:57	EEH
1,3-Dichloropropane	ND	0 50	0 13	µg/L	1		SW-846 8260D	8/12/22	8/12/22 13:57	EEH
2,2-Dichloropropane	ND	1 0	0 33	µg/L	1		SW-846 8260D	8/12/22	8/12/22 13:57	EEH
1,1-Dichloropropene	ND	2 0	0 15	µg/L	1		SW-846 8260D	8/12/22	8/12/22 13:57	EEH
cis-1,3-Dichloropropene	ND	0 50	0 16	µg/L	1		SW-846 8260D	8/12/22	8/12/22 13:57	EEH
trans-1,3-Dichloropropene	ND	0 50	0 17	µg/L	1		SW-846 8260D	8/12/22	8/12/22 13:57	EEH
Diethyl Ether	ND	2 0	0 18	µg/L	1		SW-846 8260D	8/12/22	8/12/22 13:57	EEH

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39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: 197 Main Ave, Wynantskill | Sample Description: | Work Order: 22H0592

Date Received: 8/11/2022

Field Sample #: 442024-MW-115A | Sampled: 8/9/2022 10:24

Sample ID: 22H0592-02

Sample Matrix: Ground Water

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	DL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Diisopropyl Ether (DIPE)	ND	0 50	0 13	µg/L	1		SW-846 8260D	8/12/22	8/12/22 13:57	EEH
1,4-Dioxane	ND	50	21	µg/L	1		SW-846 8260D	8/12/22	8/12/22 13:57	EEH
Ethylbenzene	ND	1 0	0 21	µg/L	1		SW-846 8260D	8/12/22	8/12/22 13:57	EEH
Hexachlorobutadiene	ND	1 0	0 46	µg/L	1		SW-846 8260D	8/12/22	8/12/22 13:57	EEH
2-Hexanone (MBK)	ND	10	1 1	µg/L	1		SW-846 8260D	8/12/22	8/12/22 13:57	EEH
Isopropylbenzene (Cumene)	ND	1 0	0 11	µg/L	1		SW-846 8260D	8/12/22	8/12/22 13:57	EEH
p-Isopropyltoluene (p-Cymene)	ND	1 0	0 097	µg/L	1		SW-846 8260D	8/12/22	8/12/22 13:57	EEH
Methyl Acetate	ND	1 0	0 45	µg/L	1		SW-846 8260D	8/12/22	8/12/22 13:57	EEH
Methyl tert-Butyl Ether (MTBE)	0 19	1 0	0 17	µg/L	1	J	SW-846 8260D	8/12/22	8/12/22 13:57	EEH
Methyl Cyclohexane	ND	1 0	0 24	µg/L	1		SW-846 8260D	8/12/22	8/12/22 13:57	EEH
Methylene Chloride	ND	5 0	0 23	µg/L	1		SW-846 8260D	8/12/22	8/12/22 13:57	EEH
4-Methyl-2-pentanone (MIBK)	ND	10	1 3	µg/L	1		SW-846 8260D	8/12/22	8/12/22 13:57	EEH
Naphthalene	ND	2 0	0 24	µg/L	1		SW-846 8260D	8/12/22	8/12/22 13:57	EEH
n-Propylbenzene	ND	1 0	0 086	µg/L	1		SW-846 8260D	8/12/22	8/12/22 13:57	EEH
Styrene	ND	1 0	0 11	µg/L	1		SW-846 8260D	8/12/22	8/12/22 13:57	EEH
1,1,1,2-Tetrachloroethane	ND	1 0	0 18	µg/L	1		SW-846 8260D	8/12/22	8/12/22 13:57	EEH
1,1,2,2-Tetrachloroethane	ND	0 50	0 13	µg/L	1		SW-846 8260D	8/12/22	8/12/22 13:57	EEH
Tetrachloroethylene	39	1 0	0 19	µg/L	1		SW-846 8260D	8/12/22	8/12/22 13:57	EEH
Tetrahydrofuran	ND	10	0 49	µg/L	1		SW-846 8260D	8/12/22	8/12/22 13:57	EEH
Toluene	ND	1 0	0 22	µg/L	1		SW-846 8260D	8/12/22	8/12/22 13:57	EEH
1,2,3-Trichlorobenzene	ND	5 0	0 30	µg/L	1		SW-846 8260D	8/12/22	8/12/22 13:57	EEH
1,2,4-Trichlorobenzene	ND	1 0	0 25	µg/L	1		SW-846 8260D	8/12/22	8/12/22 13:57	EEH
1,3,5-Trichlorobenzene	ND	1 0	0 21	µg/L	1		SW-846 8260D	8/12/22	8/12/22 13:57	EEH
1,1,1-Trichloroethane	ND	1 0	0 17	µg/L	1		SW-846 8260D	8/12/22	8/12/22 13:57	EEH
1,1,2-Trichloroethane	ND	1 0	0 18	µg/L	1		SW-846 8260D	8/12/22	8/12/22 13:57	EEH
Trichloroethylene	1 0	1 0	0 19	µg/L	1		SW-846 8260D	8/12/22	8/12/22 13:57	EEH
Trichlorofluoromethane (Freon 11)	ND	2 0	0 18	µg/L	1		SW-846 8260D	8/12/22	8/12/22 13:57	EEH
1,2,3-Trichloropropane	ND	2 0	0 28	µg/L	1		SW-846 8260D	8/12/22	8/12/22 13:57	EEH
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	2 0	0 23	µg/L	1		SW-846 8260D	8/12/22	8/12/22 13:57	EEH
1,2,4-Trimethylbenzene	ND	1 0	0 20	µg/L	1		SW-846 8260D	8/12/22	8/12/22 13:57	EEH
1,3,5-Trimethylbenzene	ND	1 0	0 11	µg/L	1		SW-846 8260D	8/12/22	8/12/22 13:57	EEH
Vinyl Chloride	ND	2 0	0 21	µg/L	1		SW-846 8260D	8/12/22	8/12/22 13:57	EEH
m+p Xylene	ND	2 0	0 46	µg/L	1		SW-846 8260D	8/12/22	8/12/22 13:57	EEH
o-Xylene	ND	1 0	0 23	µg/L	1		SW-846 8260D	8/12/22	8/12/22 13:57	EEH

Surrogates	% Recovery	Recovery Limits	Flag/Qual	
1,2-Dichloroethane-d4	91 0	70-130		8/12/22 13:57
Toluene-d8	96 2	70-130		8/12/22 13:57
4-Bromofluorobenzene	101	70-130		8/12/22 13:57

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39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: 197 Main Ave, Wynantskill Sample Description: Work Order: 22H0592

Date Received: 8/11/2022

Field Sample #: 442024-MW-114A Sampled: 8/9/2022 12:10

Sample ID: 22H0592-03

Sample Matrix: Ground Water

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	DL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Acetone	ND	50	2 0	µg/L	1		SW-846 8260D	8/12/22	8/12/22 14:24	EEH
Acrylonitrile	ND	5 0	0 55	µg/L	1	R-05	SW-846 8260D	8/12/22	8/12/22 14:24	EEH
tert-Amyl Methyl Ether (TAME)	ND	0 50	0 14	µg/L	1		SW-846 8260D	8/12/22	8/12/22 14:24	EEH
Benzene	ND	1 0	0 20	µg/L	1		SW-846 8260D	8/12/22	8/12/22 14:24	EEH
Bromobenzene	ND	1 0	0 15	µg/L	1		SW-846 8260D	8/12/22	8/12/22 14:24	EEH
Bromochloromethane	ND	1 0	0 31	µg/L	1		SW-846 8260D	8/12/22	8/12/22 14:24	EEH
Bromodichloromethane	ND	0 50	0 18	µg/L	1		SW-846 8260D	8/12/22	8/12/22 14:24	EEH
Bromoform	ND	2 0	0 38	µg/L	1		SW-846 8260D	8/12/22	8/12/22 14:24	EEH
Bromomethane	ND	2 0	1 5	µg/L	1		SW-846 8260D	8/12/22	8/12/22 14:24	EEH
2-Butanone (MEK)	ND	20	1 6	µg/L	1		SW-846 8260D	8/12/22	8/12/22 14:24	EEH
tert-Butyl Alcohol (TBA)	ND	20	4 7	µg/L	1		SW-846 8260D	8/12/22	8/12/22 14:24	EEH
n-Butylbenzene	ND	1 0	0 15	µg/L	1		SW-846 8260D	8/12/22	8/12/22 14:24	EEH
sec-Butylbenzene	ND	1 0	0 11	µg/L	1		SW-846 8260D	8/12/22	8/12/22 14:24	EEH
tert-Butylbenzene	ND	1 0	0 13	µg/L	1		SW-846 8260D	8/12/22	8/12/22 14:24	EEH
tert-Butyl Ethyl Ether (TBEE)	ND	0 50	0 15	µg/L	1		SW-846 8260D	8/12/22	8/12/22 14:24	EEH
Carbon Disulfide	ND	5 0	1 4	µg/L	1		SW-846 8260D	8/12/22	8/12/22 14:24	EEH
Carbon Tetrachloride	ND	5 0	0 16	µg/L	1		SW-846 8260D	8/12/22	8/12/22 14:24	EEH
Chlorobenzene	ND	1 0	0 11	µg/L	1		SW-846 8260D	8/12/22	8/12/22 14:24	EEH
Chlorodibromomethane	ND	0 50	0 22	µg/L	1		SW-846 8260D	8/12/22	8/12/22 14:24	EEH
Chloroethane	ND	2 0	0 32	µg/L	1		SW-846 8260D	8/12/22	8/12/22 14:24	EEH
Chloroform	ND	2 0	0 17	µg/L	1		SW-846 8260D	8/12/22	8/12/22 14:24	EEH
Chloromethane	ND	2 0	0 52	µg/L	1		SW-846 8260D	8/12/22	8/12/22 14:24	EEH
2-Chlorotoluene	ND	1 0	0 11	µg/L	1		SW-846 8260D	8/12/22	8/12/22 14:24	EEH
4-Chlorotoluene	ND	1 0	0 12	µg/L	1		SW-846 8260D	8/12/22	8/12/22 14:24	EEH
1,2-Dibromo-3-chloropropane (DBCP)	ND	5 0	0 80	µg/L	1		SW-846 8260D	8/12/22	8/12/22 14:24	EEH
1,2-Dibromoethane (EDB)	ND	0 50	0 17	µg/L	1		SW-846 8260D	8/12/22	8/12/22 14:24	EEH
Dibromomethane	ND	1 0	0 35	µg/L	1		SW-846 8260D	8/12/22	8/12/22 14:24	EEH
1,2-Dichlorobenzene	ND	1 0	0 12	µg/L	1		SW-846 8260D	8/12/22	8/12/22 14:24	EEH
1,3-Dichlorobenzene	ND	1 0	0 12	µg/L	1		SW-846 8260D	8/12/22	8/12/22 14:24	EEH
1,4-Dichlorobenzene	ND	1 0	0 13	µg/L	1		SW-846 8260D	8/12/22	8/12/22 14:24	EEH
trans-1,4-Dichloro-2-butene	ND	2 0	1 6	µg/L	1		SW-846 8260D	8/12/22	8/12/22 14:24	EEH
Dichlorodifluoromethane (Freon 12)	ND	2 0	0 19	µg/L	1		SW-846 8260D	8/12/22	8/12/22 14:24	EEH
1,1-Dichloroethane	ND	1 0	0 14	µg/L	1		SW-846 8260D	8/12/22	8/12/22 14:24	EEH
1,2-Dichloroethane	ND	1 0	0 31	µg/L	1		SW-846 8260D	8/12/22	8/12/22 14:24	EEH
1,1-Dichloroethylene	ND	1 0	0 14	µg/L	1		SW-846 8260D	8/12/22	8/12/22 14:24	EEH
cis-1,2-Dichloroethylene	ND	1 0	0 15	µg/L	1		SW-846 8260D	8/12/22	8/12/22 14:24	EEH
trans-1,2-Dichloroethylene	ND	1 0	0 17	µg/L	1		SW-846 8260D	8/12/22	8/12/22 14:24	EEH
1,2-Dichloropropane	ND	1 0	0 18	µg/L	1		SW-846 8260D	8/12/22	8/12/22 14:24	EEH
1,3-Dichloropropane	ND	0 50	0 13	µg/L	1		SW-846 8260D	8/12/22	8/12/22 14:24	EEH
2,2-Dichloropropane	ND	1 0	0 33	µg/L	1		SW-846 8260D	8/12/22	8/12/22 14:24	EEH
1,1-Dichloropropene	ND	2 0	0 15	µg/L	1		SW-846 8260D	8/12/22	8/12/22 14:24	EEH
cis-1,3-Dichloropropene	ND	0 50	0 16	µg/L	1		SW-846 8260D	8/12/22	8/12/22 14:24	EEH
trans-1,3-Dichloropropene	ND	0 50	0 17	µg/L	1		SW-846 8260D	8/12/22	8/12/22 14:24	EEH
Diethyl Ether	ND	2 0	0 18	µg/L	1		SW-846 8260D	8/12/22	8/12/22 14:24	EEH

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39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: 197 Main Ave, Wynantskill | Sample Description: | Work Order: 22H0592

Date Received: 8/11/2022

Field Sample #: 442024-MW-114A | Sampled: 8/9/2022 12:10

Sample ID: 22H0592-03

Sample Matrix: Ground Water

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	DL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Diisopropyl Ether (DIPE)	ND	0 50	0 13	µg/L	1		SW-846 8260D	8/12/22	8/12/22 14:24	EEH
1,4-Dioxane	ND	50	21	µg/L	1		SW-846 8260D	8/12/22	8/12/22 14:24	EEH
Ethylbenzene	ND	1 0	0 21	µg/L	1		SW-846 8260D	8/12/22	8/12/22 14:24	EEH
Hexachlorobutadiene	ND	1 0	0 46	µg/L	1		SW-846 8260D	8/12/22	8/12/22 14:24	EEH
2-Hexanone (MBK)	ND	10	1 1	µg/L	1		SW-846 8260D	8/12/22	8/12/22 14:24	EEH
Isopropylbenzene (Cumene)	ND	1 0	0 11	µg/L	1		SW-846 8260D	8/12/22	8/12/22 14:24	EEH
p-Isopropyltoluene (p-Cymene)	ND	1 0	0 097	µg/L	1		SW-846 8260D	8/12/22	8/12/22 14:24	EEH
Methyl Acetate	ND	1 0	0 45	µg/L	1		SW-846 8260D	8/12/22	8/12/22 14:24	EEH
Methyl tert-Butyl Ether (MTBE)	ND	1 0	0 17	µg/L	1		SW-846 8260D	8/12/22	8/12/22 14:24	EEH
Methyl Cyclohexane	ND	1 0	0 24	µg/L	1		SW-846 8260D	8/12/22	8/12/22 14:24	EEH
Methylene Chloride	ND	5 0	0 23	µg/L	1		SW-846 8260D	8/12/22	8/12/22 14:24	EEH
4-Methyl-2-pentanone (MIBK)	ND	10	1 3	µg/L	1		SW-846 8260D	8/12/22	8/12/22 14:24	EEH
Naphthalene	ND	2 0	0 24	µg/L	1		SW-846 8260D	8/12/22	8/12/22 14:24	EEH
n-Propylbenzene	ND	1 0	0 086	µg/L	1		SW-846 8260D	8/12/22	8/12/22 14:24	EEH
Styrene	ND	1 0	0 11	µg/L	1		SW-846 8260D	8/12/22	8/12/22 14:24	EEH
1,1,1,2-Tetrachloroethane	ND	1 0	0 18	µg/L	1		SW-846 8260D	8/12/22	8/12/22 14:24	EEH
1,1,2,2-Tetrachloroethane	ND	0 50	0 13	µg/L	1		SW-846 8260D	8/12/22	8/12/22 14:24	EEH
Tetrachloroethylene	ND	1 0	0 19	µg/L	1		SW-846 8260D	8/12/22	8/12/22 14:24	EEH
Tetrahydrofuran	ND	10	0 49	µg/L	1		SW-846 8260D	8/12/22	8/12/22 14:24	EEH
Toluene	ND	1 0	0 22	µg/L	1		SW-846 8260D	8/12/22	8/12/22 14:24	EEH
1,2,3-Trichlorobenzene	ND	5 0	0 30	µg/L	1		SW-846 8260D	8/12/22	8/12/22 14:24	EEH
1,2,4-Trichlorobenzene	ND	1 0	0 25	µg/L	1		SW-846 8260D	8/12/22	8/12/22 14:24	EEH
1,3,5-Trichlorobenzene	ND	1 0	0 21	µg/L	1		SW-846 8260D	8/12/22	8/12/22 14:24	EEH
1,1,1-Trichloroethane	ND	1 0	0 17	µg/L	1		SW-846 8260D	8/12/22	8/12/22 14:24	EEH
1,1,2-Trichloroethane	ND	1 0	0 18	µg/L	1		SW-846 8260D	8/12/22	8/12/22 14:24	EEH
Trichloroethylene	ND	1 0	0 19	µg/L	1		SW-846 8260D	8/12/22	8/12/22 14:24	EEH
Trichlorofluoromethane (Freon 11)	ND	2 0	0 18	µg/L	1		SW-846 8260D	8/12/22	8/12/22 14:24	EEH
1,2,3-Trichloropropane	ND	2 0	0 28	µg/L	1		SW-846 8260D	8/12/22	8/12/22 14:24	EEH
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	2 0	0 23	µg/L	1		SW-846 8260D	8/12/22	8/12/22 14:24	EEH
1,2,4-Trimethylbenzene	ND	1 0	0 20	µg/L	1		SW-846 8260D	8/12/22	8/12/22 14:24	EEH
1,3,5-Trimethylbenzene	ND	1 0	0 11	µg/L	1		SW-846 8260D	8/12/22	8/12/22 14:24	EEH
Vinyl Chloride	ND	2 0	0 21	µg/L	1		SW-846 8260D	8/12/22	8/12/22 14:24	EEH
m+p Xylene	ND	2 0	0 46	µg/L	1		SW-846 8260D	8/12/22	8/12/22 14:24	EEH
o-Xylene	ND	1 0	0 23	µg/L	1		SW-846 8260D	8/12/22	8/12/22 14:24	EEH

Surrogates	% Recovery	Recovery Limits	Flag/Qual	
1,2-Dichloroethane-d4	92 8	70-130		8/12/22 14:24
Toluene-d8	97 7	70-130		8/12/22 14:24
4-Bromofluorobenzene	100	70-130		8/12/22 14:24

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39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: 197 Main Ave, Wynantskill | Sample Description: | Work Order: 22H0592

Date Received: 8/11/2022

Field Sample #: 442024-MW-106A | Sampled: 8/9/2022 12:30

Sample ID: 22H0592-04

Sample Matrix: Ground Water

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	DL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Acetone	ND	50	2 0	µg/L	1		SW-846 8260D	8/12/22	8/12/22 14:51	EEH
Acrylonitrile	ND	5 0	0 55	µg/L	1	R-05	SW-846 8260D	8/12/22	8/12/22 14:51	EEH
tert-Amyl Methyl Ether (TAME)	ND	0 50	0 14	µg/L	1		SW-846 8260D	8/12/22	8/12/22 14:51	EEH
Benzene	ND	1 0	0 20	µg/L	1		SW-846 8260D	8/12/22	8/12/22 14:51	EEH
Bromobenzene	ND	1 0	0 15	µg/L	1		SW-846 8260D	8/12/22	8/12/22 14:51	EEH
Bromochloromethane	ND	1 0	0 31	µg/L	1		SW-846 8260D	8/12/22	8/12/22 14:51	EEH
Bromodichloromethane	ND	0 50	0 18	µg/L	1		SW-846 8260D	8/12/22	8/12/22 14:51	EEH
Bromoform	ND	2 0	0 38	µg/L	1		SW-846 8260D	8/12/22	8/12/22 14:51	EEH
Bromomethane	ND	2 0	1 5	µg/L	1		SW-846 8260D	8/12/22	8/12/22 14:51	EEH
2-Butanone (MEK)	ND	20	1 6	µg/L	1		SW-846 8260D	8/12/22	8/12/22 14:51	EEH
tert-Butyl Alcohol (TBA)	ND	20	4 7	µg/L	1		SW-846 8260D	8/12/22	8/12/22 14:51	EEH
n-Butylbenzene	ND	1 0	0 15	µg/L	1		SW-846 8260D	8/12/22	8/12/22 14:51	EEH
sec-Butylbenzene	ND	1 0	0 11	µg/L	1		SW-846 8260D	8/12/22	8/12/22 14:51	EEH
tert-Butylbenzene	ND	1 0	0 13	µg/L	1		SW-846 8260D	8/12/22	8/12/22 14:51	EEH
tert-Butyl Ethyl Ether (TBEE)	ND	0 50	0 15	µg/L	1		SW-846 8260D	8/12/22	8/12/22 14:51	EEH
Carbon Disulfide	ND	5 0	1 4	µg/L	1		SW-846 8260D	8/12/22	8/12/22 14:51	EEH
Carbon Tetrachloride	ND	5 0	0 16	µg/L	1		SW-846 8260D	8/12/22	8/12/22 14:51	EEH
Chlorobenzene	ND	1 0	0 11	µg/L	1		SW-846 8260D	8/12/22	8/12/22 14:51	EEH
Chlorodibromomethane	ND	0 50	0 22	µg/L	1		SW-846 8260D	8/12/22	8/12/22 14:51	EEH
Chloroethane	ND	2 0	0 32	µg/L	1		SW-846 8260D	8/12/22	8/12/22 14:51	EEH
Chloroform	ND	2 0	0 17	µg/L	1		SW-846 8260D	8/12/22	8/12/22 14:51	EEH
Chloromethane	ND	2 0	0 52	µg/L	1		SW-846 8260D	8/12/22	8/12/22 14:51	EEH
2-Chlorotoluene	ND	1 0	0 11	µg/L	1		SW-846 8260D	8/12/22	8/12/22 14:51	EEH
4-Chlorotoluene	ND	1 0	0 12	µg/L	1		SW-846 8260D	8/12/22	8/12/22 14:51	EEH
1,2-Dibromo-3-chloropropane (DBCP)	ND	5 0	0 80	µg/L	1		SW-846 8260D	8/12/22	8/12/22 14:51	EEH
1,2-Dibromoethane (EDB)	ND	0 50	0 17	µg/L	1		SW-846 8260D	8/12/22	8/12/22 14:51	EEH
Dibromomethane	ND	1 0	0 35	µg/L	1		SW-846 8260D	8/12/22	8/12/22 14:51	EEH
1,2-Dichlorobenzene	ND	1 0	0 12	µg/L	1		SW-846 8260D	8/12/22	8/12/22 14:51	EEH
1,3-Dichlorobenzene	ND	1 0	0 12	µg/L	1		SW-846 8260D	8/12/22	8/12/22 14:51	EEH
1,4-Dichlorobenzene	ND	1 0	0 13	µg/L	1		SW-846 8260D	8/12/22	8/12/22 14:51	EEH
trans-1,4-Dichloro-2-butene	ND	2 0	1 6	µg/L	1		SW-846 8260D	8/12/22	8/12/22 14:51	EEH
Dichlorodifluoromethane (Freon 12)	ND	2 0	0 19	µg/L	1		SW-846 8260D	8/12/22	8/12/22 14:51	EEH
1,1-Dichloroethane	ND	1 0	0 14	µg/L	1		SW-846 8260D	8/12/22	8/12/22 14:51	EEH
1,2-Dichloroethane	ND	1 0	0 31	µg/L	1		SW-846 8260D	8/12/22	8/12/22 14:51	EEH
1,1-Dichloroethylene	ND	1 0	0 14	µg/L	1		SW-846 8260D	8/12/22	8/12/22 14:51	EEH
cis-1,2-Dichloroethylene	ND	1 0	0 15	µg/L	1		SW-846 8260D	8/12/22	8/12/22 14:51	EEH
trans-1,2-Dichloroethylene	ND	1 0	0 17	µg/L	1		SW-846 8260D	8/12/22	8/12/22 14:51	EEH
1,2-Dichloropropane	ND	1 0	0 18	µg/L	1		SW-846 8260D	8/12/22	8/12/22 14:51	EEH
1,3-Dichloropropane	ND	0 50	0 13	µg/L	1		SW-846 8260D	8/12/22	8/12/22 14:51	EEH
2,2-Dichloropropane	ND	1 0	0 33	µg/L	1		SW-846 8260D	8/12/22	8/12/22 14:51	EEH
1,1-Dichloropropene	ND	2 0	0 15	µg/L	1		SW-846 8260D	8/12/22	8/12/22 14:51	EEH
cis-1,3-Dichloropropene	ND	0 50	0 16	µg/L	1		SW-846 8260D	8/12/22	8/12/22 14:51	EEH
trans-1,3-Dichloropropene	ND	0 50	0 17	µg/L	1		SW-846 8260D	8/12/22	8/12/22 14:51	EEH
Diethyl Ether	ND	2 0	0 18	µg/L	1		SW-846 8260D	8/12/22	8/12/22 14:51	EEH

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39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: 197 Main Ave, Wynantskill | Sample Description: | Work Order: 22H0592

Date Received: 8/11/2022

Field Sample #: 442024-MW-106A | Sampled: 8/9/2022 12:30

Sample ID: 22H0592-04

Sample Matrix: Ground Water

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	DL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Diisopropyl Ether (DIPE)	ND	0 50	0 13	µg/L	1		SW-846 8260D	8/12/22	8/12/22 14:51	EEH
1,4-Dioxane	ND	50	21	µg/L	1		SW-846 8260D	8/12/22	8/12/22 14:51	EEH
Ethylbenzene	ND	1 0	0 21	µg/L	1		SW-846 8260D	8/12/22	8/12/22 14:51	EEH
Hexachlorobutadiene	ND	1 0	0 46	µg/L	1		SW-846 8260D	8/12/22	8/12/22 14:51	EEH
2-Hexanone (MBK)	ND	10	1 1	µg/L	1		SW-846 8260D	8/12/22	8/12/22 14:51	EEH
Isopropylbenzene (Cumene)	ND	1 0	0 11	µg/L	1		SW-846 8260D	8/12/22	8/12/22 14:51	EEH
p-Isopropyltoluene (p-Cymene)	ND	1 0	0 097	µg/L	1		SW-846 8260D	8/12/22	8/12/22 14:51	EEH
Methyl Acetate	ND	1 0	0 45	µg/L	1		SW-846 8260D	8/12/22	8/12/22 14:51	EEH
Methyl tert-Butyl Ether (MTBE)	ND	1 0	0 17	µg/L	1		SW-846 8260D	8/12/22	8/12/22 14:51	EEH
Methyl Cyclohexane	ND	1 0	0 24	µg/L	1		SW-846 8260D	8/12/22	8/12/22 14:51	EEH
Methylene Chloride	ND	5 0	0 23	µg/L	1		SW-846 8260D	8/12/22	8/12/22 14:51	EEH
4-Methyl-2-pentanone (MIBK)	ND	10	1 3	µg/L	1		SW-846 8260D	8/12/22	8/12/22 14:51	EEH
Naphthalene	ND	2 0	0 24	µg/L	1		SW-846 8260D	8/12/22	8/12/22 14:51	EEH
n-Propylbenzene	ND	1 0	0 086	µg/L	1		SW-846 8260D	8/12/22	8/12/22 14:51	EEH
Styrene	ND	1 0	0 11	µg/L	1		SW-846 8260D	8/12/22	8/12/22 14:51	EEH
1,1,1,2-Tetrachloroethane	ND	1 0	0 18	µg/L	1		SW-846 8260D	8/12/22	8/12/22 14:51	EEH
1,1,2,2-Tetrachloroethane	ND	0 50	0 13	µg/L	1		SW-846 8260D	8/12/22	8/12/22 14:51	EEH
Tetrachloroethylene	ND	1 0	0 19	µg/L	1		SW-846 8260D	8/12/22	8/12/22 14:51	EEH
Tetrahydrofuran	ND	10	0 49	µg/L	1		SW-846 8260D	8/12/22	8/12/22 14:51	EEH
Toluene	ND	1 0	0 22	µg/L	1		SW-846 8260D	8/12/22	8/12/22 14:51	EEH
1,2,3-Trichlorobenzene	ND	5 0	0 30	µg/L	1		SW-846 8260D	8/12/22	8/12/22 14:51	EEH
1,2,4-Trichlorobenzene	ND	1 0	0 25	µg/L	1		SW-846 8260D	8/12/22	8/12/22 14:51	EEH
1,3,5-Trichlorobenzene	ND	1 0	0 21	µg/L	1		SW-846 8260D	8/12/22	8/12/22 14:51	EEH
1,1,1-Trichloroethane	ND	1 0	0 17	µg/L	1		SW-846 8260D	8/12/22	8/12/22 14:51	EEH
1,1,2-Trichloroethane	ND	1 0	0 18	µg/L	1		SW-846 8260D	8/12/22	8/12/22 14:51	EEH
Trichloroethylene	ND	1 0	0 19	µg/L	1		SW-846 8260D	8/12/22	8/12/22 14:51	EEH
Trichlorofluoromethane (Freon 11)	ND	2 0	0 18	µg/L	1		SW-846 8260D	8/12/22	8/12/22 14:51	EEH
1,2,3-Trichloropropane	ND	2 0	0 28	µg/L	1		SW-846 8260D	8/12/22	8/12/22 14:51	EEH
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	2 0	0 23	µg/L	1		SW-846 8260D	8/12/22	8/12/22 14:51	EEH
1,2,4-Trimethylbenzene	ND	1 0	0 20	µg/L	1		SW-846 8260D	8/12/22	8/12/22 14:51	EEH
1,3,5-Trimethylbenzene	ND	1 0	0 11	µg/L	1		SW-846 8260D	8/12/22	8/12/22 14:51	EEH
Vinyl Chloride	ND	2 0	0 21	µg/L	1		SW-846 8260D	8/12/22	8/12/22 14:51	EEH
m+p Xylene	ND	2 0	0 46	µg/L	1		SW-846 8260D	8/12/22	8/12/22 14:51	EEH
o-Xylene	ND	1 0	0 23	µg/L	1		SW-846 8260D	8/12/22	8/12/22 14:51	EEH

Surrogates	% Recovery	Recovery Limits	Flag/Qual	
1,2-Dichloroethane-d4	92 4	70-130		8/12/22 14:51
Toluene-d8	97 1	70-130		8/12/22 14:51
4-Bromofluorobenzene	100	70-130		8/12/22 14:51

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39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: 197 Main Ave, Wynantskill | Sample Description: | Work Order: 22H0592

Date Received: 8/11/2022

Field Sample #: 442024-MW-111 | Sampled: 8/9/2022 14:14

Sample ID: 22H0592-05

Sample Matrix: Ground Water

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	DL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Acetone	ND	50	2 0	µg/L	1		SW-846 8260D	8/12/22	8/12/22 15:17	EEH
Acrylonitrile	ND	5 0	0 55	µg/L	1	R-05	SW-846 8260D	8/12/22	8/12/22 15:17	EEH
tert-Amyl Methyl Ether (TAME)	ND	0 50	0 14	µg/L	1		SW-846 8260D	8/12/22	8/12/22 15:17	EEH
Benzene	ND	1 0	0 20	µg/L	1		SW-846 8260D	8/12/22	8/12/22 15:17	EEH
Bromobenzene	ND	1 0	0 15	µg/L	1		SW-846 8260D	8/12/22	8/12/22 15:17	EEH
Bromochloromethane	ND	1 0	0 31	µg/L	1		SW-846 8260D	8/12/22	8/12/22 15:17	EEH
Bromodichloromethane	ND	0 50	0 18	µg/L	1		SW-846 8260D	8/12/22	8/12/22 15:17	EEH
Bromoform	ND	2 0	0 38	µg/L	1		SW-846 8260D	8/12/22	8/12/22 15:17	EEH
Bromomethane	ND	2 0	1 5	µg/L	1		SW-846 8260D	8/12/22	8/12/22 15:17	EEH
2-Butanone (MEK)	ND	20	1 6	µg/L	1		SW-846 8260D	8/12/22	8/12/22 15:17	EEH
tert-Butyl Alcohol (TBA)	ND	20	4 7	µg/L	1		SW-846 8260D	8/12/22	8/12/22 15:17	EEH
n-Butylbenzene	ND	1 0	0 15	µg/L	1		SW-846 8260D	8/12/22	8/12/22 15:17	EEH
sec-Butylbenzene	ND	1 0	0 11	µg/L	1		SW-846 8260D	8/12/22	8/12/22 15:17	EEH
tert-Butylbenzene	ND	1 0	0 13	µg/L	1		SW-846 8260D	8/12/22	8/12/22 15:17	EEH
tert-Butyl Ethyl Ether (TBEE)	ND	0 50	0 15	µg/L	1		SW-846 8260D	8/12/22	8/12/22 15:17	EEH
Carbon Disulfide	ND	5 0	1 4	µg/L	1		SW-846 8260D	8/12/22	8/12/22 15:17	EEH
Carbon Tetrachloride	ND	5 0	0 16	µg/L	1		SW-846 8260D	8/12/22	8/12/22 15:17	EEH
Chlorobenzene	ND	1 0	0 11	µg/L	1		SW-846 8260D	8/12/22	8/12/22 15:17	EEH
Chlorodibromomethane	ND	0 50	0 22	µg/L	1		SW-846 8260D	8/12/22	8/12/22 15:17	EEH
Chloroethane	ND	2 0	0 32	µg/L	1		SW-846 8260D	8/12/22	8/12/22 15:17	EEH
Chloroform	1 5	2 0	0 17	µg/L	1	J	SW-846 8260D	8/12/22	8/12/22 15:17	EEH
Chloromethane	ND	2 0	0 52	µg/L	1		SW-846 8260D	8/12/22	8/12/22 15:17	EEH
2-Chlorotoluene	ND	1 0	0 11	µg/L	1		SW-846 8260D	8/12/22	8/12/22 15:17	EEH
4-Chlorotoluene	ND	1 0	0 12	µg/L	1		SW-846 8260D	8/12/22	8/12/22 15:17	EEH
1,2-Dibromo-3-chloropropane (DBCP)	ND	5 0	0 80	µg/L	1		SW-846 8260D	8/12/22	8/12/22 15:17	EEH
1,2-Dibromoethane (EDB)	ND	0 50	0 17	µg/L	1		SW-846 8260D	8/12/22	8/12/22 15:17	EEH
Dibromomethane	ND	1 0	0 35	µg/L	1		SW-846 8260D	8/12/22	8/12/22 15:17	EEH
1,2-Dichlorobenzene	ND	1 0	0 12	µg/L	1		SW-846 8260D	8/12/22	8/12/22 15:17	EEH
1,3-Dichlorobenzene	ND	1 0	0 12	µg/L	1		SW-846 8260D	8/12/22	8/12/22 15:17	EEH
1,4-Dichlorobenzene	ND	1 0	0 13	µg/L	1		SW-846 8260D	8/12/22	8/12/22 15:17	EEH
trans-1,4-Dichloro-2-butene	ND	2 0	1 6	µg/L	1		SW-846 8260D	8/12/22	8/12/22 15:17	EEH
Dichlorodifluoromethane (Freon 12)	ND	2 0	0 19	µg/L	1		SW-846 8260D	8/12/22	8/12/22 15:17	EEH
1,1-Dichloroethane	ND	1 0	0 14	µg/L	1		SW-846 8260D	8/12/22	8/12/22 15:17	EEH
1,2-Dichloroethane	ND	1 0	0 31	µg/L	1		SW-846 8260D	8/12/22	8/12/22 15:17	EEH
1,1-Dichloroethylene	ND	1 0	0 14	µg/L	1		SW-846 8260D	8/12/22	8/12/22 15:17	EEH
cis-1,2-Dichloroethylene	ND	1 0	0 15	µg/L	1		SW-846 8260D	8/12/22	8/12/22 15:17	EEH
trans-1,2-Dichloroethylene	ND	1 0	0 17	µg/L	1		SW-846 8260D	8/12/22	8/12/22 15:17	EEH
1,2-Dichloropropane	ND	1 0	0 18	µg/L	1		SW-846 8260D	8/12/22	8/12/22 15:17	EEH
1,3-Dichloropropane	ND	0 50	0 13	µg/L	1		SW-846 8260D	8/12/22	8/12/22 15:17	EEH
2,2-Dichloropropane	ND	1 0	0 33	µg/L	1		SW-846 8260D	8/12/22	8/12/22 15:17	EEH
1,1-Dichloropropene	ND	2 0	0 15	µg/L	1		SW-846 8260D	8/12/22	8/12/22 15:17	EEH
cis-1,3-Dichloropropene	ND	0 50	0 16	µg/L	1		SW-846 8260D	8/12/22	8/12/22 15:17	EEH
trans-1,3-Dichloropropene	ND	0 50	0 17	µg/L	1		SW-846 8260D	8/12/22	8/12/22 15:17	EEH
Diethyl Ether	ND	2 0	0 18	µg/L	1		SW-846 8260D	8/12/22	8/12/22 15:17	EEH

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39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: 197 Main Ave, Wynantskill | Sample Description: | Work Order: 22H0592

Date Received: 8/11/2022

Field Sample #: 442024-MW-111 | Sampled: 8/9/2022 14:14

Sample ID: 22H0592-05

Sample Matrix: Ground Water

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	DL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Diisopropyl Ether (DIPE)	ND	0 50	0 13	µg/L	1		SW-846 8260D	8/12/22	8/12/22 15:17	EEH
1,4-Dioxane	ND	50	21	µg/L	1		SW-846 8260D	8/12/22	8/12/22 15:17	EEH
Ethylbenzene	ND	1 0	0 21	µg/L	1		SW-846 8260D	8/12/22	8/12/22 15:17	EEH
Hexachlorobutadiene	ND	1 0	0 46	µg/L	1		SW-846 8260D	8/12/22	8/12/22 15:17	EEH
2-Hexanone (MBK)	ND	10	1 1	µg/L	1		SW-846 8260D	8/12/22	8/12/22 15:17	EEH
Isopropylbenzene (Cumene)	ND	1 0	0 11	µg/L	1		SW-846 8260D	8/12/22	8/12/22 15:17	EEH
p-Isopropyltoluene (p-Cymene)	ND	1 0	0 097	µg/L	1		SW-846 8260D	8/12/22	8/12/22 15:17	EEH
Methyl Acetate	ND	1 0	0 45	µg/L	1		SW-846 8260D	8/12/22	8/12/22 15:17	EEH
Methyl tert-Butyl Ether (MTBE)	ND	1 0	0 17	µg/L	1		SW-846 8260D	8/12/22	8/12/22 15:17	EEH
Methyl Cyclohexane	ND	1 0	0 24	µg/L	1		SW-846 8260D	8/12/22	8/12/22 15:17	EEH
Methylene Chloride	ND	5 0	0 23	µg/L	1		SW-846 8260D	8/12/22	8/12/22 15:17	EEH
4-Methyl-2-pentanone (MIBK)	ND	10	1 3	µg/L	1		SW-846 8260D	8/12/22	8/12/22 15:17	EEH
Naphthalene	ND	2 0	0 24	µg/L	1		SW-846 8260D	8/12/22	8/12/22 15:17	EEH
n-Propylbenzene	ND	1 0	0 086	µg/L	1		SW-846 8260D	8/12/22	8/12/22 15:17	EEH
Styrene	ND	1 0	0 11	µg/L	1		SW-846 8260D	8/12/22	8/12/22 15:17	EEH
1,1,1,2-Tetrachloroethane	ND	1 0	0 18	µg/L	1		SW-846 8260D	8/12/22	8/12/22 15:17	EEH
1,1,2,2-Tetrachloroethane	ND	0 50	0 13	µg/L	1		SW-846 8260D	8/12/22	8/12/22 15:17	EEH
Tetrachloroethylene	3 0	1 0	0 19	µg/L	1		SW-846 8260D	8/12/22	8/12/22 15:17	EEH
Tetrahydrofuran	ND	10	0 49	µg/L	1		SW-846 8260D	8/12/22	8/12/22 15:17	EEH
Toluene	ND	1 0	0 22	µg/L	1		SW-846 8260D	8/12/22	8/12/22 15:17	EEH
1,2,3-Trichlorobenzene	ND	5 0	0 30	µg/L	1		SW-846 8260D	8/12/22	8/12/22 15:17	EEH
1,2,4-Trichlorobenzene	ND	1 0	0 25	µg/L	1		SW-846 8260D	8/12/22	8/12/22 15:17	EEH
1,3,5-Trichlorobenzene	ND	1 0	0 21	µg/L	1		SW-846 8260D	8/12/22	8/12/22 15:17	EEH
1,1,1-Trichloroethane	ND	1 0	0 17	µg/L	1		SW-846 8260D	8/12/22	8/12/22 15:17	EEH
1,1,2-Trichloroethane	ND	1 0	0 18	µg/L	1		SW-846 8260D	8/12/22	8/12/22 15:17	EEH
Trichloroethylene	ND	1 0	0 19	µg/L	1		SW-846 8260D	8/12/22	8/12/22 15:17	EEH
Trichlorofluoromethane (Freon 11)	ND	2 0	0 18	µg/L	1		SW-846 8260D	8/12/22	8/12/22 15:17	EEH
1,2,3-Trichloropropane	ND	2 0	0 28	µg/L	1		SW-846 8260D	8/12/22	8/12/22 15:17	EEH
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	2 0	0 23	µg/L	1		SW-846 8260D	8/12/22	8/12/22 15:17	EEH
1,2,4-Trimethylbenzene	ND	1 0	0 20	µg/L	1		SW-846 8260D	8/12/22	8/12/22 15:17	EEH
1,3,5-Trimethylbenzene	ND	1 0	0 11	µg/L	1		SW-846 8260D	8/12/22	8/12/22 15:17	EEH
Vinyl Chloride	ND	2 0	0 21	µg/L	1		SW-846 8260D	8/12/22	8/12/22 15:17	EEH
m+p Xylene	ND	2 0	0 46	µg/L	1		SW-846 8260D	8/12/22	8/12/22 15:17	EEH
o-Xylene	ND	1 0	0 23	µg/L	1		SW-846 8260D	8/12/22	8/12/22 15:17	EEH

Surrogates	% Recovery	Recovery Limits	Flag/Qual	
1,2-Dichloroethane-d4	92 5	70-130		8/12/22 15:17
Toluene-d8	97 4	70-130		8/12/22 15:17
4-Bromofluorobenzene	101	70-130		8/12/22 15:17

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39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: 197 Main Ave, Wynantskill | Sample Description: | Work Order: 22H0592

Date Received: 8/11/2022

Field Sample #: 442024-TW-07 | Sampled: 8/9/2022 14:30

Sample ID: 22H0592-06

Sample Matrix: Ground Water

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	DL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Acetone	ND	50	2 0	µg/L	1		SW-846 8260D	8/12/22	8/12/22 15:44	EEH
Acrylonitrile	ND	5 0	0 55	µg/L	1	R-05	SW-846 8260D	8/12/22	8/12/22 15:44	EEH
tert-Amyl Methyl Ether (TAME)	ND	0 50	0 14	µg/L	1		SW-846 8260D	8/12/22	8/12/22 15:44	EEH
Benzene	ND	1 0	0 20	µg/L	1		SW-846 8260D	8/12/22	8/12/22 15:44	EEH
Bromobenzene	ND	1 0	0 15	µg/L	1		SW-846 8260D	8/12/22	8/12/22 15:44	EEH
Bromochloromethane	ND	1 0	0 31	µg/L	1		SW-846 8260D	8/12/22	8/12/22 15:44	EEH
Bromodichloromethane	ND	0 50	0 18	µg/L	1		SW-846 8260D	8/12/22	8/12/22 15:44	EEH
Bromoform	ND	2 0	0 38	µg/L	1		SW-846 8260D	8/12/22	8/12/22 15:44	EEH
Bromomethane	ND	2 0	1 5	µg/L	1		SW-846 8260D	8/12/22	8/12/22 15:44	EEH
2-Butanone (MEK)	ND	20	1 6	µg/L	1		SW-846 8260D	8/12/22	8/12/22 15:44	EEH
tert-Butyl Alcohol (TBA)	ND	20	4 7	µg/L	1		SW-846 8260D	8/12/22	8/12/22 15:44	EEH
n-Butylbenzene	0 44	1 0	0 15	µg/L	1	J	SW-846 8260D	8/12/22	8/12/22 15:44	EEH
sec-Butylbenzene	0 36	1 0	0 11	µg/L	1	J	SW-846 8260D	8/12/22	8/12/22 15:44	EEH
tert-Butylbenzene	ND	1 0	0 13	µg/L	1		SW-846 8260D	8/12/22	8/12/22 15:44	EEH
tert-Butyl Ethyl Ether (TBEE)	ND	0 50	0 15	µg/L	1		SW-846 8260D	8/12/22	8/12/22 15:44	EEH
Carbon Disulfide	ND	5 0	1 4	µg/L	1		SW-846 8260D	8/12/22	8/12/22 15:44	EEH
Carbon Tetrachloride	ND	5 0	0 16	µg/L	1		SW-846 8260D	8/12/22	8/12/22 15:44	EEH
Chlorobenzene	ND	1 0	0 11	µg/L	1		SW-846 8260D	8/12/22	8/12/22 15:44	EEH
Chlorodibromomethane	ND	0 50	0 22	µg/L	1		SW-846 8260D	8/12/22	8/12/22 15:44	EEH
Chloroethane	ND	2 0	0 32	µg/L	1		SW-846 8260D	8/12/22	8/12/22 15:44	EEH
Chloroform	0 65	2 0	0 17	µg/L	1	J	SW-846 8260D	8/12/22	8/12/22 15:44	EEH
Chloromethane	ND	2 0	0 52	µg/L	1		SW-846 8260D	8/12/22	8/12/22 15:44	EEH
2-Chlorotoluene	ND	1 0	0 11	µg/L	1		SW-846 8260D	8/12/22	8/12/22 15:44	EEH
4-Chlorotoluene	ND	1 0	0 12	µg/L	1		SW-846 8260D	8/12/22	8/12/22 15:44	EEH
1,2-Dibromo-3-chloropropane (DBCP)	ND	5 0	0 80	µg/L	1		SW-846 8260D	8/12/22	8/12/22 15:44	EEH
1,2-Dibromoethane (EDB)	ND	0 50	0 17	µg/L	1		SW-846 8260D	8/12/22	8/12/22 15:44	EEH
Dibromomethane	ND	1 0	0 35	µg/L	1		SW-846 8260D	8/12/22	8/12/22 15:44	EEH
1,2-Dichlorobenzene	ND	1 0	0 12	µg/L	1		SW-846 8260D	8/12/22	8/12/22 15:44	EEH
1,3-Dichlorobenzene	ND	1 0	0 12	µg/L	1		SW-846 8260D	8/12/22	8/12/22 15:44	EEH
1,4-Dichlorobenzene	ND	1 0	0 13	µg/L	1		SW-846 8260D	8/12/22	8/12/22 15:44	EEH
trans-1,4-Dichloro-2-butene	ND	2 0	1 6	µg/L	1		SW-846 8260D	8/12/22	8/12/22 15:44	EEH
Dichlorodifluoromethane (Freon 12)	ND	2 0	0 19	µg/L	1		SW-846 8260D	8/12/22	8/12/22 15:44	EEH
1,1-Dichloroethane	ND	1 0	0 14	µg/L	1		SW-846 8260D	8/12/22	8/12/22 15:44	EEH
1,2-Dichloroethane	ND	1 0	0 31	µg/L	1		SW-846 8260D	8/12/22	8/12/22 15:44	EEH
1,1-Dichloroethylene	ND	1 0	0 14	µg/L	1		SW-846 8260D	8/12/22	8/12/22 15:44	EEH
cis-1,2-Dichloroethylene	ND	1 0	0 15	µg/L	1		SW-846 8260D	8/12/22	8/12/22 15:44	EEH
trans-1,2-Dichloroethylene	ND	1 0	0 17	µg/L	1		SW-846 8260D	8/12/22	8/12/22 15:44	EEH
1,2-Dichloropropane	ND	1 0	0 18	µg/L	1		SW-846 8260D	8/12/22	8/12/22 15:44	EEH
1,3-Dichloropropane	ND	0 50	0 13	µg/L	1		SW-846 8260D	8/12/22	8/12/22 15:44	EEH
2,2-Dichloropropane	ND	1 0	0 33	µg/L	1		SW-846 8260D	8/12/22	8/12/22 15:44	EEH
1,1-Dichloropropene	ND	2 0	0 15	µg/L	1		SW-846 8260D	8/12/22	8/12/22 15:44	EEH
cis-1,3-Dichloropropene	ND	0 50	0 16	µg/L	1		SW-846 8260D	8/12/22	8/12/22 15:44	EEH
trans-1,3-Dichloropropene	ND	0 50	0 17	µg/L	1		SW-846 8260D	8/12/22	8/12/22 15:44	EEH
Diethyl Ether	ND	2 0	0 18	µg/L	1		SW-846 8260D	8/12/22	8/12/22 15:44	EEH

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39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: 197 Main Ave, Wynantskill | Sample Description: | Work Order: 22H0592

Date Received: 8/11/2022

Field Sample #: 442024-TW-07 | Sampled: 8/9/2022 14:30

Sample ID: 22H0592-06

Sample Matrix: Ground Water

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	DL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Diisopropyl Ether (DIPE)	ND	0 50	0 13	µg/L	1		SW-846 8260D	8/12/22	8/12/22 15:44	EEH
1,4-Dioxane	ND	50	21	µg/L	1		SW-846 8260D	8/12/22	8/12/22 15:44	EEH
Ethylbenzene	1 3	1 0	0 21	µg/L	1		SW-846 8260D	8/12/22	8/12/22 15:44	EEH
Hexachlorobutadiene	ND	1 0	0 46	µg/L	1		SW-846 8260D	8/12/22	8/12/22 15:44	EEH
2-Hexanone (MBK)	ND	10	1 1	µg/L	1		SW-846 8260D	8/12/22	8/12/22 15:44	EEH
Isopropylbenzene (Cumene)	0 98	1 0	0 11	µg/L	1	J	SW-846 8260D	8/12/22	8/12/22 15:44	EEH
p-Isopropyltoluene (p-Cymene)	0 32	1 0	0 097	µg/L	1	J	SW-846 8260D	8/12/22	8/12/22 15:44	EEH
Methyl Acetate	ND	1 0	0 45	µg/L	1		SW-846 8260D	8/12/22	8/12/22 15:44	EEH
Methyl tert-Butyl Ether (MTBE)	ND	1 0	0 17	µg/L	1		SW-846 8260D	8/12/22	8/12/22 15:44	EEH
Methyl Cyclohexane	4 6	1 0	0 24	µg/L	1		SW-846 8260D	8/12/22	8/12/22 15:44	EEH
Methylene Chloride	ND	5 0	0 23	µg/L	1		SW-846 8260D	8/12/22	8/12/22 15:44	EEH
4-Methyl-2-pentanone (MIBK)	ND	10	1 3	µg/L	1		SW-846 8260D	8/12/22	8/12/22 15:44	EEH
Naphthalene	0 80	2 0	0 24	µg/L	1	J	SW-846 8260D	8/12/22	8/12/22 15:44	EEH
n-Propylbenzene	1 1	1 0	0 086	µg/L	1		SW-846 8260D	8/12/22	8/12/22 15:44	EEH
Styrene	ND	1 0	0 11	µg/L	1		SW-846 8260D	8/12/22	8/12/22 15:44	EEH
1,1,1,2-Tetrachloroethane	ND	1 0	0 18	µg/L	1		SW-846 8260D	8/12/22	8/12/22 15:44	EEH
1,1,2,2-Tetrachloroethane	ND	0 50	0 13	µg/L	1		SW-846 8260D	8/12/22	8/12/22 15:44	EEH
Tetrachloroethylene	ND	1 0	0 19	µg/L	1		SW-846 8260D	8/12/22	8/12/22 15:44	EEH
Tetrahydrofuran	ND	10	0 49	µg/L	1		SW-846 8260D	8/12/22	8/12/22 15:44	EEH
Toluene	ND	1 0	0 22	µg/L	1		SW-846 8260D	8/12/22	8/12/22 15:44	EEH
1,2,3-Trichlorobenzene	ND	5 0	0 30	µg/L	1		SW-846 8260D	8/12/22	8/12/22 15:44	EEH
1,2,4-Trichlorobenzene	ND	1 0	0 25	µg/L	1		SW-846 8260D	8/12/22	8/12/22 15:44	EEH
1,3,5-Trichlorobenzene	ND	1 0	0 21	µg/L	1		SW-846 8260D	8/12/22	8/12/22 15:44	EEH
1,1,1-Trichloroethane	ND	1 0	0 17	µg/L	1		SW-846 8260D	8/12/22	8/12/22 15:44	EEH
1,1,2-Trichloroethane	ND	1 0	0 18	µg/L	1		SW-846 8260D	8/12/22	8/12/22 15:44	EEH
Trichloroethylene	ND	1 0	0 19	µg/L	1		SW-846 8260D	8/12/22	8/12/22 15:44	EEH
Trichlorofluoromethane (Freon 11)	ND	2 0	0 18	µg/L	1		SW-846 8260D	8/12/22	8/12/22 15:44	EEH
1,2,3-Trichloropropane	ND	2 0	0 28	µg/L	1		SW-846 8260D	8/12/22	8/12/22 15:44	EEH
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	2 0	0 23	µg/L	1		SW-846 8260D	8/12/22	8/12/22 15:44	EEH
1,2,4-Trimethylbenzene	4 8	1 0	0 20	µg/L	1		SW-846 8260D	8/12/22	8/12/22 15:44	EEH
1,3,5-Trimethylbenzene	0 41	1 0	0 11	µg/L	1	J	SW-846 8260D	8/12/22	8/12/22 15:44	EEH
Vinyl Chloride	ND	2 0	0 21	µg/L	1		SW-846 8260D	8/12/22	8/12/22 15:44	EEH
m+p Xylene	0 94	2 0	0 46	µg/L	1	J	SW-846 8260D	8/12/22	8/12/22 15:44	EEH
o-Xylene	0 29	1 0	0 23	µg/L	1	J	SW-846 8260D	8/12/22	8/12/22 15:44	EEH

Surrogates	% Recovery	Recovery Limits	Flag/Qual		
1,2-Dichloroethane-d4	92 9	70-130		8/12/22 15:44	
Toluene-d8	96 7	70-130		8/12/22 15:44	
4-Bromofluorobenzene	105	70-130		8/12/22 15:44	

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39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: 197 Main Ave, Wynantskill Sample Description: Work Order: 22H0592

Date Received: 8/11/2022

Field Sample #: 442024-TW-06 Sampled: 8/9/2022 13:21

Sample ID: 22H0592-07

Sample Matrix: Ground Water

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	DL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Acetone	ND	50	2 0	µg/L	1		SW-846 8260D	8/12/22	8/12/22 16:11	EEH
Acrylonitrile	ND	5 0	0 55	µg/L	1	R-05	SW-846 8260D	8/12/22	8/12/22 16:11	EEH
tert-Amyl Methyl Ether (TAME)	0 31	0 50	0 14	µg/L	1	J	SW-846 8260D	8/12/22	8/12/22 16:11	EEH
Benzene	0 71	1 0	0 20	µg/L	1	J	SW-846 8260D	8/12/22	8/12/22 16:11	EEH
Bromobenzene	ND	1 0	0 15	µg/L	1		SW-846 8260D	8/12/22	8/12/22 16:11	EEH
Bromochloromethane	ND	1 0	0 31	µg/L	1		SW-846 8260D	8/12/22	8/12/22 16:11	EEH
Bromodichloromethane	ND	0 50	0 18	µg/L	1		SW-846 8260D	8/12/22	8/12/22 16:11	EEH
Bromoform	ND	2 0	0 38	µg/L	1		SW-846 8260D	8/12/22	8/12/22 16:11	EEH
Bromomethane	ND	2 0	1 5	µg/L	1		SW-846 8260D	8/12/22	8/12/22 16:11	EEH
2-Butanone (MEK)	ND	20	1 6	µg/L	1		SW-846 8260D	8/12/22	8/12/22 16:11	EEH
tert-Butyl Alcohol (TBA)	ND	20	4 7	µg/L	1		SW-846 8260D	8/12/22	8/12/22 16:11	EEH
n-Butylbenzene	2 1	1 0	0 15	µg/L	1		SW-846 8260D	8/12/22	8/12/22 16:11	EEH
sec-Butylbenzene	1 8	1 0	0 11	µg/L	1		SW-846 8260D	8/12/22	8/12/22 16:11	EEH
tert-Butylbenzene	0 54	1 0	0 13	µg/L	1	J	SW-846 8260D	8/12/22	8/12/22 16:11	EEH
tert-Butyl Ethyl Ether (TBEE)	ND	0 50	0 15	µg/L	1		SW-846 8260D	8/12/22	8/12/22 16:11	EEH
Carbon Disulfide	ND	5 0	1 4	µg/L	1		SW-846 8260D	8/12/22	8/12/22 16:11	EEH
Carbon Tetrachloride	ND	5 0	0 16	µg/L	1		SW-846 8260D	8/12/22	8/12/22 16:11	EEH
Chlorobenzene	ND	1 0	0 11	µg/L	1		SW-846 8260D	8/12/22	8/12/22 16:11	EEH
Chlorodibromomethane	ND	0 50	0 22	µg/L	1		SW-846 8260D	8/12/22	8/12/22 16:11	EEH
Chloroethane	ND	2 0	0 32	µg/L	1		SW-846 8260D	8/12/22	8/12/22 16:11	EEH
Chloroform	ND	2 0	0 17	µg/L	1		SW-846 8260D	8/12/22	8/12/22 16:11	EEH
Chloromethane	ND	2 0	0 52	µg/L	1		SW-846 8260D	8/12/22	8/12/22 16:11	EEH
2-Chlorotoluene	ND	1 0	0 11	µg/L	1		SW-846 8260D	8/12/22	8/12/22 16:11	EEH
4-Chlorotoluene	ND	1 0	0 12	µg/L	1		SW-846 8260D	8/12/22	8/12/22 16:11	EEH
1,2-Dibromo-3-chloropropane (DBCP)	ND	5 0	0 80	µg/L	1		SW-846 8260D	8/12/22	8/12/22 16:11	EEH
1,2-Dibromoethane (EDB)	ND	0 50	0 17	µg/L	1		SW-846 8260D	8/12/22	8/12/22 16:11	EEH
Dibromomethane	ND	1 0	0 35	µg/L	1		SW-846 8260D	8/12/22	8/12/22 16:11	EEH
1,2-Dichlorobenzene	ND	1 0	0 12	µg/L	1		SW-846 8260D	8/12/22	8/12/22 16:11	EEH
1,3-Dichlorobenzene	ND	1 0	0 12	µg/L	1		SW-846 8260D	8/12/22	8/12/22 16:11	EEH
1,4-Dichlorobenzene	ND	1 0	0 13	µg/L	1		SW-846 8260D	8/12/22	8/12/22 16:11	EEH
trans-1,4-Dichloro-2-butene	ND	2 0	1 6	µg/L	1		SW-846 8260D	8/12/22	8/12/22 16:11	EEH
Dichlorodifluoromethane (Freon 12)	ND	2 0	0 19	µg/L	1		SW-846 8260D	8/12/22	8/12/22 16:11	EEH
1,1-Dichloroethane	ND	1 0	0 14	µg/L	1		SW-846 8260D	8/12/22	8/12/22 16:11	EEH
1,2-Dichloroethane	ND	1 0	0 31	µg/L	1		SW-846 8260D	8/12/22	8/12/22 16:11	EEH
1,1-Dichloroethylene	0 20	1 0	0 14	µg/L	1	J	SW-846 8260D	8/12/22	8/12/22 16:11	EEH
cis-1,2-Dichloroethylene	11	1 0	0 15	µg/L	1		SW-846 8260D	8/12/22	8/12/22 16:11	EEH
trans-1,2-Dichloroethylene	ND	1 0	0 17	µg/L	1		SW-846 8260D	8/12/22	8/12/22 16:11	EEH
1,2-Dichloropropane	ND	1 0	0 18	µg/L	1		SW-846 8260D	8/12/22	8/12/22 16:11	EEH
1,3-Dichloropropane	ND	0 50	0 13	µg/L	1		SW-846 8260D	8/12/22	8/12/22 16:11	EEH
2,2-Dichloropropane	ND	1 0	0 33	µg/L	1		SW-846 8260D	8/12/22	8/12/22 16:11	EEH
1,1-Dichloropropene	ND	2 0	0 15	µg/L	1		SW-846 8260D	8/12/22	8/12/22 16:11	EEH
cis-1,3-Dichloropropene	ND	0 50	0 16	µg/L	1		SW-846 8260D	8/12/22	8/12/22 16:11	EEH
trans-1,3-Dichloropropene	ND	0 50	0 17	µg/L	1		SW-846 8260D	8/12/22	8/12/22 16:11	EEH
Diethyl Ether	ND	2 0	0 18	µg/L	1		SW-846 8260D	8/12/22	8/12/22 16:11	EEH

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39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: 197 Main Ave, Wynantskill | Sample Description: | Work Order: 22H0592

Date Received: 8/11/2022

Field Sample #: 442024-TW-06 | Sampled: 8/9/2022 13:21

Sample ID: 22H0592-07

Sample Matrix: Ground Water

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	DL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Diisopropyl Ether (DIPE)	ND	0 50	0 13	µg/L	1		SW-846 8260D	8/12/22	8/12/22 16:11	EEH
1,4-Dioxane	ND	50	21	µg/L	1		SW-846 8260D	8/12/22	8/12/22 16:11	EEH
Ethylbenzene	4 1	1 0	0 21	µg/L	1		SW-846 8260D	8/12/22	8/12/22 16:11	EEH
Hexachlorobutadiene	ND	1 0	0 46	µg/L	1		SW-846 8260D	8/12/22	8/12/22 16:11	EEH
2-Hexanone (MBK)	ND	10	1 1	µg/L	1		SW-846 8260D	8/12/22	8/12/22 16:11	EEH
Isopropylbenzene (Cumene)	5 9	1 0	0 11	µg/L	1		SW-846 8260D	8/12/22	8/12/22 16:11	EEH
p-Isopropyltoluene (p-Cymene)	1 1	1 0	0 097	µg/L	1		SW-846 8260D	8/12/22	8/12/22 16:11	EEH
Methyl Acetate	ND	1 0	0 45	µg/L	1		SW-846 8260D	8/12/22	8/12/22 16:11	EEH
Methyl tert-Butyl Ether (MTBE)	1 0	1 0	0 17	µg/L	1		SW-846 8260D	8/12/22	8/12/22 16:11	EEH
Methyl Cyclohexane	40	1 0	0 24	µg/L	1		SW-846 8260D	8/12/22	8/12/22 16:11	EEH
Methylene Chloride	ND	5 0	0 23	µg/L	1		SW-846 8260D	8/12/22	8/12/22 16:11	EEH
4-Methyl-2-pentanone (MIBK)	ND	10	1 3	µg/L	1		SW-846 8260D	8/12/22	8/12/22 16:11	EEH
Naphthalene	1 2	2 0	0 24	µg/L	1	J	SW-846 8260D	8/12/22	8/12/22 16:11	EEH
n-Propylbenzene	8 4	1 0	0 086	µg/L	1		SW-846 8260D	8/12/22	8/12/22 16:11	EEH
Styrene	ND	1 0	0 11	µg/L	1		SW-846 8260D	8/12/22	8/12/22 16:11	EEH
1,1,1,2-Tetrachloroethane	ND	1 0	0 18	µg/L	1		SW-846 8260D	8/12/22	8/12/22 16:11	EEH
1,1,2,2-Tetrachloroethane	ND	0 50	0 13	µg/L	1		SW-846 8260D	8/12/22	8/12/22 16:11	EEH
Tetrachloroethylene	6 1	1 0	0 19	µg/L	1		SW-846 8260D	8/12/22	8/12/22 16:11	EEH
Tetrahydrofuran	ND	10	0 49	µg/L	1		SW-846 8260D	8/12/22	8/12/22 16:11	EEH
Toluene	0 35	1 0	0 22	µg/L	1	J	SW-846 8260D	8/12/22	8/12/22 16:11	EEH
1,2,3-Trichlorobenzene	ND	5 0	0 30	µg/L	1		SW-846 8260D	8/12/22	8/12/22 16:11	EEH
1,2,4-Trichlorobenzene	ND	1 0	0 25	µg/L	1		SW-846 8260D	8/12/22	8/12/22 16:11	EEH
1,3,5-Trichlorobenzene	ND	1 0	0 21	µg/L	1		SW-846 8260D	8/12/22	8/12/22 16:11	EEH
1,1,1-Trichloroethane	ND	1 0	0 17	µg/L	1		SW-846 8260D	8/12/22	8/12/22 16:11	EEH
1,1,2-Trichloroethane	ND	1 0	0 18	µg/L	1		SW-846 8260D	8/12/22	8/12/22 16:11	EEH
Trichloroethylene	8 6	1 0	0 19	µg/L	1		SW-846 8260D	8/12/22	8/12/22 16:11	EEH
Trichlorofluoromethane (Freon 11)	ND	2 0	0 18	µg/L	1		SW-846 8260D	8/12/22	8/12/22 16:11	EEH
1,2,3-Trichloropropane	ND	2 0	0 28	µg/L	1		SW-846 8260D	8/12/22	8/12/22 16:11	EEH
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	2 0	0 23	µg/L	1		SW-846 8260D	8/12/22	8/12/22 16:11	EEH
1,2,4-Trimethylbenzene	23	1 0	0 20	µg/L	1		SW-846 8260D	8/12/22	8/12/22 16:11	EEH
1,3,5-Trimethylbenzene	0 19	1 0	0 11	µg/L	1	J	SW-846 8260D	8/12/22	8/12/22 16:11	EEH
Vinyl Chloride	0 98	2 0	0 21	µg/L	1	J	SW-846 8260D	8/12/22	8/12/22 16:11	EEH
m+p Xylene	1 2	2 0	0 46	µg/L	1	J	SW-846 8260D	8/12/22	8/12/22 16:11	EEH
o-Xylene	1 7	1 0	0 23	µg/L	1		SW-846 8260D	8/12/22	8/12/22 16:11	EEH

Surrogates	% Recovery	Recovery Limits	Flag/Qual	
1,2-Dichloroethane-d4	93 1	70-130		8/12/22 16:11
Toluene-d8	95 9	70-130		8/12/22 16:11
4-Bromofluorobenzene	105	70-130		8/12/22 16:11

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39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: 197 Main Ave, Wynantskill | Sample Description: | Work Order: 22H0592

Date Received: 8/11/2022

Field Sample #: 442024-TW-09 | Sampled: 8/9/2022 15:02

Sample ID: 22H0592-08

Sample Matrix: Ground Water

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	DL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Acetone	ND	50	2 0	µg/L	1		SW-846 8260D	8/12/22	8/12/22 16:38	EEH
Acrylonitrile	ND	5 0	0 55	µg/L	1	R-05	SW-846 8260D	8/12/22	8/12/22 16:38	EEH
tert-Amyl Methyl Ether (TAME)	ND	0 50	0 14	µg/L	1		SW-846 8260D	8/12/22	8/12/22 16:38	EEH
Benzene	ND	1 0	0 20	µg/L	1		SW-846 8260D	8/12/22	8/12/22 16:38	EEH
Bromobenzene	ND	1 0	0 15	µg/L	1		SW-846 8260D	8/12/22	8/12/22 16:38	EEH
Bromochloromethane	ND	1 0	0 31	µg/L	1		SW-846 8260D	8/12/22	8/12/22 16:38	EEH
Bromodichloromethane	ND	0 50	0 18	µg/L	1		SW-846 8260D	8/12/22	8/12/22 16:38	EEH
Bromoform	ND	2 0	0 38	µg/L	1		SW-846 8260D	8/12/22	8/12/22 16:38	EEH
Bromomethane	ND	2 0	1 5	µg/L	1		SW-846 8260D	8/12/22	8/12/22 16:38	EEH
2-Butanone (MEK)	ND	20	1 6	µg/L	1		SW-846 8260D	8/12/22	8/12/22 16:38	EEH
tert-Butyl Alcohol (TBA)	ND	20	4 7	µg/L	1		SW-846 8260D	8/12/22	8/12/22 16:38	EEH
n-Butylbenzene	ND	1 0	0 15	µg/L	1		SW-846 8260D	8/12/22	8/12/22 16:38	EEH
sec-Butylbenzene	ND	1 0	0 11	µg/L	1		SW-846 8260D	8/12/22	8/12/22 16:38	EEH
tert-Butylbenzene	ND	1 0	0 13	µg/L	1		SW-846 8260D	8/12/22	8/12/22 16:38	EEH
tert-Butyl Ethyl Ether (TBEE)	ND	0 50	0 15	µg/L	1		SW-846 8260D	8/12/22	8/12/22 16:38	EEH
Carbon Disulfide	ND	5 0	1 4	µg/L	1		SW-846 8260D	8/12/22	8/12/22 16:38	EEH
Carbon Tetrachloride	ND	5 0	0 16	µg/L	1		SW-846 8260D	8/12/22	8/12/22 16:38	EEH
Chlorobenzene	ND	1 0	0 11	µg/L	1		SW-846 8260D	8/12/22	8/12/22 16:38	EEH
Chlorodibromomethane	ND	0 50	0 22	µg/L	1		SW-846 8260D	8/12/22	8/12/22 16:38	EEH
Chloroethane	ND	2 0	0 32	µg/L	1		SW-846 8260D	8/12/22	8/12/22 16:38	EEH
Chloroform	0 65	2 0	0 17	µg/L	1	J	SW-846 8260D	8/12/22	8/12/22 16:38	EEH
Chloromethane	ND	2 0	0 52	µg/L	1		SW-846 8260D	8/12/22	8/12/22 16:38	EEH
2-Chlorotoluene	ND	1 0	0 11	µg/L	1		SW-846 8260D	8/12/22	8/12/22 16:38	EEH
4-Chlorotoluene	ND	1 0	0 12	µg/L	1		SW-846 8260D	8/12/22	8/12/22 16:38	EEH
1,2-Dibromo-3-chloropropane (DBCP)	ND	5 0	0 80	µg/L	1		SW-846 8260D	8/12/22	8/12/22 16:38	EEH
1,2-Dibromoethane (EDB)	ND	0 50	0 17	µg/L	1		SW-846 8260D	8/12/22	8/12/22 16:38	EEH
Dibromomethane	ND	1 0	0 35	µg/L	1		SW-846 8260D	8/12/22	8/12/22 16:38	EEH
1,2-Dichlorobenzene	ND	1 0	0 12	µg/L	1		SW-846 8260D	8/12/22	8/12/22 16:38	EEH
1,3-Dichlorobenzene	ND	1 0	0 12	µg/L	1		SW-846 8260D	8/12/22	8/12/22 16:38	EEH
1,4-Dichlorobenzene	ND	1 0	0 13	µg/L	1		SW-846 8260D	8/12/22	8/12/22 16:38	EEH
trans-1,4-Dichloro-2-butene	ND	2 0	1 6	µg/L	1		SW-846 8260D	8/12/22	8/12/22 16:38	EEH
Dichlorodifluoromethane (Freon 12)	ND	2 0	0 19	µg/L	1		SW-846 8260D	8/12/22	8/12/22 16:38	EEH
1,1-Dichloroethane	ND	1 0	0 14	µg/L	1		SW-846 8260D	8/12/22	8/12/22 16:38	EEH
1,2-Dichloroethane	ND	1 0	0 31	µg/L	1		SW-846 8260D	8/12/22	8/12/22 16:38	EEH
1,1-Dichloroethylene	ND	1 0	0 14	µg/L	1		SW-846 8260D	8/12/22	8/12/22 16:38	EEH
cis-1,2-Dichloroethylene	4 7	1 0	0 15	µg/L	1		SW-846 8260D	8/12/22	8/12/22 16:38	EEH
trans-1,2-Dichloroethylene	ND	1 0	0 17	µg/L	1		SW-846 8260D	8/12/22	8/12/22 16:38	EEH
1,2-Dichloropropane	ND	1 0	0 18	µg/L	1		SW-846 8260D	8/12/22	8/12/22 16:38	EEH
1,3-Dichloropropane	ND	0 50	0 13	µg/L	1		SW-846 8260D	8/12/22	8/12/22 16:38	EEH
2,2-Dichloropropane	ND	1 0	0 33	µg/L	1		SW-846 8260D	8/12/22	8/12/22 16:38	EEH
1,1-Dichloropropene	ND	2 0	0 15	µg/L	1		SW-846 8260D	8/12/22	8/12/22 16:38	EEH
cis-1,3-Dichloropropene	ND	0 50	0 16	µg/L	1		SW-846 8260D	8/12/22	8/12/22 16:38	EEH
trans-1,3-Dichloropropene	ND	0 50	0 17	µg/L	1		SW-846 8260D	8/12/22	8/12/22 16:38	EEH
Diethyl Ether	ND	2 0	0 18	µg/L	1		SW-846 8260D	8/12/22	8/12/22 16:38	EEH

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39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: 197 Main Ave, Wynantskill | Sample Description: | Work Order: 22H0592

Date Received: 8/11/2022

Field Sample #: 442024-TW-09 | Sampled: 8/9/2022 15:02

Sample ID: 22H0592-08

Sample Matrix: Ground Water

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	DL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Diisopropyl Ether (DIPE)	ND	0 50	0 13	µg/L	1		SW-846 8260D	8/12/22	8/12/22 16:38	EEH
1,4-Dioxane	ND	50	21	µg/L	1		SW-846 8260D	8/12/22	8/12/22 16:38	EEH
Ethylbenzene	ND	1 0	0 21	µg/L	1		SW-846 8260D	8/12/22	8/12/22 16:38	EEH
Hexachlorobutadiene	ND	1 0	0 46	µg/L	1		SW-846 8260D	8/12/22	8/12/22 16:38	EEH
2-Hexanone (MBK)	ND	10	1 1	µg/L	1		SW-846 8260D	8/12/22	8/12/22 16:38	EEH
Isopropylbenzene (Cumene)	ND	1 0	0 11	µg/L	1		SW-846 8260D	8/12/22	8/12/22 16:38	EEH
p-Isopropyltoluene (p-Cymene)	ND	1 0	0 097	µg/L	1		SW-846 8260D	8/12/22	8/12/22 16:38	EEH
Methyl Acetate	ND	1 0	0 45	µg/L	1		SW-846 8260D	8/12/22	8/12/22 16:38	EEH
Methyl tert-Butyl Ether (MTBE)	ND	1 0	0 17	µg/L	1		SW-846 8260D	8/12/22	8/12/22 16:38	EEH
Methyl Cyclohexane	ND	1 0	0 24	µg/L	1		SW-846 8260D	8/12/22	8/12/22 16:38	EEH
Methylene Chloride	ND	5 0	0 23	µg/L	1		SW-846 8260D	8/12/22	8/12/22 16:38	EEH
4-Methyl-2-pentanone (MIBK)	ND	10	1 3	µg/L	1		SW-846 8260D	8/12/22	8/12/22 16:38	EEH
Naphthalene	ND	2 0	0 24	µg/L	1		SW-846 8260D	8/12/22	8/12/22 16:38	EEH
n-Propylbenzene	ND	1 0	0 086	µg/L	1		SW-846 8260D	8/12/22	8/12/22 16:38	EEH
Styrene	ND	1 0	0 11	µg/L	1		SW-846 8260D	8/12/22	8/12/22 16:38	EEH
1,1,1,2-Tetrachloroethane	ND	1 0	0 18	µg/L	1		SW-846 8260D	8/12/22	8/12/22 16:38	EEH
1,1,2,2-Tetrachloroethane	ND	0 50	0 13	µg/L	1		SW-846 8260D	8/12/22	8/12/22 16:38	EEH
Tetrachloroethylene	74	1 0	0 19	µg/L	1		SW-846 8260D	8/12/22	8/12/22 16:38	EEH
Tetrahydrofuran	ND	10	0 49	µg/L	1		SW-846 8260D	8/12/22	8/12/22 16:38	EEH
Toluene	ND	1 0	0 22	µg/L	1		SW-846 8260D	8/12/22	8/12/22 16:38	EEH
1,2,3-Trichlorobenzene	ND	5 0	0 30	µg/L	1		SW-846 8260D	8/12/22	8/12/22 16:38	EEH
1,2,4-Trichlorobenzene	ND	1 0	0 25	µg/L	1		SW-846 8260D	8/12/22	8/12/22 16:38	EEH
1,3,5-Trichlorobenzene	ND	1 0	0 21	µg/L	1		SW-846 8260D	8/12/22	8/12/22 16:38	EEH
1,1,1-Trichloroethane	ND	1 0	0 17	µg/L	1		SW-846 8260D	8/12/22	8/12/22 16:38	EEH
1,1,2-Trichloroethane	ND	1 0	0 18	µg/L	1		SW-846 8260D	8/12/22	8/12/22 16:38	EEH
Trichloroethylene	5 7	1 0	0 19	µg/L	1		SW-846 8260D	8/12/22	8/12/22 16:38	EEH
Trichlorofluoromethane (Freon 11)	ND	2 0	0 18	µg/L	1		SW-846 8260D	8/12/22	8/12/22 16:38	EEH
1,2,3-Trichloropropane	ND	2 0	0 28	µg/L	1		SW-846 8260D	8/12/22	8/12/22 16:38	EEH
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	2 0	0 23	µg/L	1		SW-846 8260D	8/12/22	8/12/22 16:38	EEH
1,2,4-Trimethylbenzene	ND	1 0	0 20	µg/L	1		SW-846 8260D	8/12/22	8/12/22 16:38	EEH
1,3,5-Trimethylbenzene	ND	1 0	0 11	µg/L	1		SW-846 8260D	8/12/22	8/12/22 16:38	EEH
Vinyl Chloride	ND	2 0	0 21	µg/L	1		SW-846 8260D	8/12/22	8/12/22 16:38	EEH
m+p Xylene	ND	2 0	0 46	µg/L	1		SW-846 8260D	8/12/22	8/12/22 16:38	EEH
o-Xylene	ND	1 0	0 23	µg/L	1		SW-846 8260D	8/12/22	8/12/22 16:38	EEH

Surrogates	% Recovery	Recovery Limits	Flag/Qual	
1,2-Dichloroethane-d4	92 7	70-130		8/12/22 16:38
Toluene-d8	97 7	70-130		8/12/22 16:38
4-Bromofluorobenzene	99 2	70-130		8/12/22 16:38

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39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: 197 Main Ave, Wynantskill Sample Description: Work Order: 22H0592

Date Received: 8/11/2022

Field Sample #: 442024-TW-08 Sampled: 8/9/2022 15:40

Sample ID: 22H0592-09

Sample Matrix: Ground Water

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	DL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Acetone	ND	50	2 0	µg/L	1		SW-846 8260D	8/12/22	8/12/22 17:05	EEH
Acrylonitrile	ND	5 0	0 55	µg/L	1	R-05	SW-846 8260D	8/12/22	8/12/22 17:05	EEH
tert-Amyl Methyl Ether (TAME)	ND	0 50	0 14	µg/L	1		SW-846 8260D	8/12/22	8/12/22 17:05	EEH
Benzene	ND	1 0	0 20	µg/L	1		SW-846 8260D	8/12/22	8/12/22 17:05	EEH
Bromobenzene	ND	1 0	0 15	µg/L	1		SW-846 8260D	8/12/22	8/12/22 17:05	EEH
Bromochloromethane	ND	1 0	0 31	µg/L	1		SW-846 8260D	8/12/22	8/12/22 17:05	EEH
Bromodichloromethane	ND	0 50	0 18	µg/L	1		SW-846 8260D	8/12/22	8/12/22 17:05	EEH
Bromoform	ND	2 0	0 38	µg/L	1		SW-846 8260D	8/12/22	8/12/22 17:05	EEH
Bromomethane	ND	2 0	1 5	µg/L	1		SW-846 8260D	8/12/22	8/12/22 17:05	EEH
2-Butanone (MEK)	ND	20	1 6	µg/L	1		SW-846 8260D	8/12/22	8/12/22 17:05	EEH
tert-Butyl Alcohol (TBA)	ND	20	4 7	µg/L	1		SW-846 8260D	8/12/22	8/12/22 17:05	EEH
n-Butylbenzene	ND	1 0	0 15	µg/L	1		SW-846 8260D	8/12/22	8/12/22 17:05	EEH
sec-Butylbenzene	ND	1 0	0 11	µg/L	1		SW-846 8260D	8/12/22	8/12/22 17:05	EEH
tert-Butylbenzene	ND	1 0	0 13	µg/L	1		SW-846 8260D	8/12/22	8/12/22 17:05	EEH
tert-Butyl Ethyl Ether (TBEE)	ND	0 50	0 15	µg/L	1		SW-846 8260D	8/12/22	8/12/22 17:05	EEH
Carbon Disulfide	ND	5 0	1 4	µg/L	1		SW-846 8260D	8/12/22	8/12/22 17:05	EEH
Carbon Tetrachloride	ND	5 0	0 16	µg/L	1		SW-846 8260D	8/12/22	8/12/22 17:05	EEH
Chlorobenzene	ND	1 0	0 11	µg/L	1		SW-846 8260D	8/12/22	8/12/22 17:05	EEH
Chlorodibromomethane	ND	0 50	0 22	µg/L	1		SW-846 8260D	8/12/22	8/12/22 17:05	EEH
Chloroethane	ND	2 0	0 32	µg/L	1		SW-846 8260D	8/12/22	8/12/22 17:05	EEH
Chloroform	0 48	2 0	0 17	µg/L	1	J	SW-846 8260D	8/12/22	8/12/22 17:05	EEH
Chloromethane	ND	2 0	0 52	µg/L	1		SW-846 8260D	8/12/22	8/12/22 17:05	EEH
2-Chlorotoluene	ND	1 0	0 11	µg/L	1		SW-846 8260D	8/12/22	8/12/22 17:05	EEH
4-Chlorotoluene	ND	1 0	0 12	µg/L	1		SW-846 8260D	8/12/22	8/12/22 17:05	EEH
1,2-Dibromo-3-chloropropane (DBCP)	ND	5 0	0 80	µg/L	1		SW-846 8260D	8/12/22	8/12/22 17:05	EEH
1,2-Dibromoethane (EDB)	ND	0 50	0 17	µg/L	1		SW-846 8260D	8/12/22	8/12/22 17:05	EEH
Dibromomethane	ND	1 0	0 35	µg/L	1		SW-846 8260D	8/12/22	8/12/22 17:05	EEH
1,2-Dichlorobenzene	ND	1 0	0 12	µg/L	1		SW-846 8260D	8/12/22	8/12/22 17:05	EEH
1,3-Dichlorobenzene	ND	1 0	0 12	µg/L	1		SW-846 8260D	8/12/22	8/12/22 17:05	EEH
1,4-Dichlorobenzene	ND	1 0	0 13	µg/L	1		SW-846 8260D	8/12/22	8/12/22 17:05	EEH
trans-1,4-Dichloro-2-butene	ND	2 0	1 6	µg/L	1		SW-846 8260D	8/12/22	8/12/22 17:05	EEH
Dichlorodifluoromethane (Freon 12)	ND	2 0	0 19	µg/L	1		SW-846 8260D	8/12/22	8/12/22 17:05	EEH
1,1-Dichloroethane	ND	1 0	0 14	µg/L	1		SW-846 8260D	8/12/22	8/12/22 17:05	EEH
1,2-Dichloroethane	ND	1 0	0 31	µg/L	1		SW-846 8260D	8/12/22	8/12/22 17:05	EEH
1,1-Dichloroethylene	ND	1 0	0 14	µg/L	1		SW-846 8260D	8/12/22	8/12/22 17:05	EEH
cis-1,2-Dichloroethylene	20	1 0	0 15	µg/L	1		SW-846 8260D	8/12/22	8/12/22 17:05	EEH
trans-1,2-Dichloroethylene	ND	1 0	0 17	µg/L	1		SW-846 8260D	8/12/22	8/12/22 17:05	EEH
1,2-Dichloropropane	ND	1 0	0 18	µg/L	1		SW-846 8260D	8/12/22	8/12/22 17:05	EEH
1,3-Dichloropropane	ND	0 50	0 13	µg/L	1		SW-846 8260D	8/12/22	8/12/22 17:05	EEH
2,2-Dichloropropane	ND	1 0	0 33	µg/L	1		SW-846 8260D	8/12/22	8/12/22 17:05	EEH
1,1-Dichloropropene	ND	2 0	0 15	µg/L	1		SW-846 8260D	8/12/22	8/12/22 17:05	EEH
cis-1,3-Dichloropropene	ND	0 50	0 16	µg/L	1		SW-846 8260D	8/12/22	8/12/22 17:05	EEH
trans-1,3-Dichloropropene	ND	0 50	0 17	µg/L	1		SW-846 8260D	8/12/22	8/12/22 17:05	EEH
Diethyl Ether	ND	2 0	0 18	µg/L	1		SW-846 8260D	8/12/22	8/12/22 17:05	EEH

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39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: 197 Main Ave, Wynantskill | Sample Description: | Work Order: 22H0592

Date Received: 8/11/2022

Field Sample #: 442024-TW-08 | Sampled: 8/9/2022 15:40

Sample ID: 22H0592-09

Sample Matrix: Ground Water

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	DL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Diisopropyl Ether (DIPE)	ND	0 50	0 13	µg/L	1		SW-846 8260D	8/12/22	8/12/22 17:05	EEH
1,4-Dioxane	ND	50	21	µg/L	1		SW-846 8260D	8/12/22	8/12/22 17:05	EEH
Ethylbenzene	ND	1 0	0 21	µg/L	1		SW-846 8260D	8/12/22	8/12/22 17:05	EEH
Hexachlorobutadiene	ND	1 0	0 46	µg/L	1		SW-846 8260D	8/12/22	8/12/22 17:05	EEH
2-Hexanone (MBK)	ND	10	1 1	µg/L	1		SW-846 8260D	8/12/22	8/12/22 17:05	EEH
Isopropylbenzene (Cumene)	ND	1 0	0 11	µg/L	1		SW-846 8260D	8/12/22	8/12/22 17:05	EEH
p-Isopropyltoluene (p-Cymene)	ND	1 0	0 097	µg/L	1		SW-846 8260D	8/12/22	8/12/22 17:05	EEH
Methyl Acetate	ND	1 0	0 45	µg/L	1		SW-846 8260D	8/12/22	8/12/22 17:05	EEH
Methyl tert-Butyl Ether (MTBE)	ND	1 0	0 17	µg/L	1		SW-846 8260D	8/12/22	8/12/22 17:05	EEH
Methyl Cyclohexane	ND	1 0	0 24	µg/L	1		SW-846 8260D	8/12/22	8/12/22 17:05	EEH
Methylene Chloride	ND	5 0	0 23	µg/L	1		SW-846 8260D	8/12/22	8/12/22 17:05	EEH
4-Methyl-2-pentanone (MIBK)	ND	10	1 3	µg/L	1		SW-846 8260D	8/12/22	8/12/22 17:05	EEH
Naphthalene	ND	2 0	0 24	µg/L	1		SW-846 8260D	8/12/22	8/12/22 17:05	EEH
n-Propylbenzene	ND	1 0	0 086	µg/L	1		SW-846 8260D	8/12/22	8/12/22 17:05	EEH
Styrene	ND	1 0	0 11	µg/L	1		SW-846 8260D	8/12/22	8/12/22 17:05	EEH
1,1,1,2-Tetrachloroethane	ND	1 0	0 18	µg/L	1		SW-846 8260D	8/12/22	8/12/22 17:05	EEH
1,1,2,2-Tetrachloroethane	ND	0 50	0 13	µg/L	1		SW-846 8260D	8/12/22	8/12/22 17:05	EEH
Tetrachloroethylene	12	1 0	0 19	µg/L	1		SW-846 8260D	8/12/22	8/12/22 17:05	EEH
Tetrahydrofuran	ND	10	0 49	µg/L	1		SW-846 8260D	8/12/22	8/12/22 17:05	EEH
Toluene	ND	1 0	0 22	µg/L	1		SW-846 8260D	8/12/22	8/12/22 17:05	EEH
1,2,3-Trichlorobenzene	ND	5 0	0 30	µg/L	1		SW-846 8260D	8/12/22	8/12/22 17:05	EEH
1,2,4-Trichlorobenzene	ND	1 0	0 25	µg/L	1		SW-846 8260D	8/12/22	8/12/22 17:05	EEH
1,3,5-Trichlorobenzene	ND	1 0	0 21	µg/L	1		SW-846 8260D	8/12/22	8/12/22 17:05	EEH
1,1,1-Trichloroethane	ND	1 0	0 17	µg/L	1		SW-846 8260D	8/12/22	8/12/22 17:05	EEH
1,1,2-Trichloroethane	ND	1 0	0 18	µg/L	1		SW-846 8260D	8/12/22	8/12/22 17:05	EEH
Trichloroethylene	1 3	1 0	0 19	µg/L	1		SW-846 8260D	8/12/22	8/12/22 17:05	EEH
Trichlorofluoromethane (Freon 11)	ND	2 0	0 18	µg/L	1		SW-846 8260D	8/12/22	8/12/22 17:05	EEH
1,2,3-Trichloropropane	ND	2 0	0 28	µg/L	1		SW-846 8260D	8/12/22	8/12/22 17:05	EEH
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	2 0	0 23	µg/L	1		SW-846 8260D	8/12/22	8/12/22 17:05	EEH
1,2,4-Trimethylbenzene	ND	1 0	0 20	µg/L	1		SW-846 8260D	8/12/22	8/12/22 17:05	EEH
1,3,5-Trimethylbenzene	ND	1 0	0 11	µg/L	1		SW-846 8260D	8/12/22	8/12/22 17:05	EEH
Vinyl Chloride	ND	2 0	0 21	µg/L	1		SW-846 8260D	8/12/22	8/12/22 17:05	EEH
m+p Xylene	ND	2 0	0 46	µg/L	1		SW-846 8260D	8/12/22	8/12/22 17:05	EEH
o-Xylene	ND	1 0	0 23	µg/L	1		SW-846 8260D	8/12/22	8/12/22 17:05	EEH

Surrogates	% Recovery	Recovery Limits	Flag/Qual	
1,2-Dichloroethane-d4	94 0	70-130		8/12/22 17:05
Toluene-d8	98 2	70-130		8/12/22 17:05
4-Bromofluorobenzene	101	70-130		8/12/22 17:05

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39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: 197 Main Ave, Wynantskill | Sample Description: | Work Order: 22H0592

Date Received: 8/11/2022

Field Sample #: 442024-TW-10 | Sampled: 8/9/2022 16:16

Sample ID: 22H0592-10

Sample Matrix: Ground Water

Sample Flags: RL-11

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	DL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Acetone	ND	100	4 1	µg/L	2		SW-846 8260D	8/12/22	8/12/22 18:54	EEH
Acrylonitrile	ND	10	1 1	µg/L	2	R-05	SW-846 8260D	8/12/22	8/12/22 18:54	EEH
tert-Amyl Methyl Ether (TAME)	ND	1 0	0 29	µg/L	2		SW-846 8260D	8/12/22	8/12/22 18:54	EEH
Benzene	ND	2 0	0 40	µg/L	2		SW-846 8260D	8/12/22	8/12/22 18:54	EEH
Bromobenzene	ND	2 0	0 30	µg/L	2		SW-846 8260D	8/12/22	8/12/22 18:54	EEH
Bromochloromethane	ND	2 0	0 61	µg/L	2		SW-846 8260D	8/12/22	8/12/22 18:54	EEH
Bromodichloromethane	ND	1 0	0 36	µg/L	2		SW-846 8260D	8/12/22	8/12/22 18:54	EEH
Bromoform	ND	4 0	0 77	µg/L	2		SW-846 8260D	8/12/22	8/12/22 18:54	EEH
Bromomethane	ND	4 0	3 1	µg/L	2		SW-846 8260D	8/12/22	8/12/22 18:54	EEH
2-Butanone (MEK)	ND	40	3 2	µg/L	2		SW-846 8260D	8/12/22	8/12/22 18:54	EEH
tert-Butyl Alcohol (TBA)	ND	40	9 4	µg/L	2		SW-846 8260D	8/12/22	8/12/22 18:54	EEH
n-Butylbenzene	ND	2 0	0 30	µg/L	2		SW-846 8260D	8/12/22	8/12/22 18:54	EEH
sec-Butylbenzene	ND	2 0	0 22	µg/L	2		SW-846 8260D	8/12/22	8/12/22 18:54	EEH
tert-Butylbenzene	ND	2 0	0 26	µg/L	2		SW-846 8260D	8/12/22	8/12/22 18:54	EEH
tert-Butyl Ethyl Ether (TBEE)	ND	1 0	0 30	µg/L	2		SW-846 8260D	8/12/22	8/12/22 18:54	EEH
Carbon Disulfide	ND	10	2 9	µg/L	2		SW-846 8260D	8/12/22	8/12/22 18:54	EEH
Carbon Tetrachloride	ND	10	0 33	µg/L	2		SW-846 8260D	8/12/22	8/12/22 18:54	EEH
Chlorobenzene	ND	2 0	0 21	µg/L	2		SW-846 8260D	8/12/22	8/12/22 18:54	EEH
Chlorodibromomethane	ND	1 0	0 44	µg/L	2		SW-846 8260D	8/12/22	8/12/22 18:54	EEH
Chloroethane	ND	4 0	0 64	µg/L	2		SW-846 8260D	8/12/22	8/12/22 18:54	EEH
Chloroform	2 1	4 0	0 34	µg/L	2	J	SW-846 8260D	8/12/22	8/12/22 18:54	EEH
Chloromethane	ND	4 0	1 0	µg/L	2		SW-846 8260D	8/12/22	8/12/22 18:54	EEH
2-Chlorotoluene	ND	2 0	0 23	µg/L	2		SW-846 8260D	8/12/22	8/12/22 18:54	EEH
4-Chlorotoluene	ND	2 0	0 24	µg/L	2		SW-846 8260D	8/12/22	8/12/22 18:54	EEH
1,2-Dibromo-3-chloropropane (DBCP)	ND	10	1 6	µg/L	2		SW-846 8260D	8/12/22	8/12/22 18:54	EEH
1,2-Dibromoethane (EDB)	ND	1 0	0 34	µg/L	2		SW-846 8260D	8/12/22	8/12/22 18:54	EEH
Dibromomethane	ND	2 0	0 71	µg/L	2		SW-846 8260D	8/12/22	8/12/22 18:54	EEH
1,2-Dichlorobenzene	ND	2 0	0 24	µg/L	2		SW-846 8260D	8/12/22	8/12/22 18:54	EEH
1,3-Dichlorobenzene	ND	2 0	0 24	µg/L	2		SW-846 8260D	8/12/22	8/12/22 18:54	EEH
1,4-Dichlorobenzene	ND	2 0	0 26	µg/L	2		SW-846 8260D	8/12/22	8/12/22 18:54	EEH
trans-1,4-Dichloro-2-butene	ND	4 0	3 2	µg/L	2		SW-846 8260D	8/12/22	8/12/22 18:54	EEH
Dichlorodifluoromethane (Freon 12)	ND	4 0	0 38	µg/L	2		SW-846 8260D	8/12/22	8/12/22 18:54	EEH
1,1-Dichloroethane	ND	2 0	0 28	µg/L	2		SW-846 8260D	8/12/22	8/12/22 18:54	EEH
1,2-Dichloroethane	ND	2 0	0 62	µg/L	2		SW-846 8260D	8/12/22	8/12/22 18:54	EEH
1,1-Dichloroethylene	ND	2 0	0 28	µg/L	2		SW-846 8260D	8/12/22	8/12/22 18:54	EEH
cis-1,2-Dichloroethylene	1 3	2 0	0 29	µg/L	2	J	SW-846 8260D	8/12/22	8/12/22 18:54	EEH
trans-1,2-Dichloroethylene	ND	2 0	0 34	µg/L	2		SW-846 8260D	8/12/22	8/12/22 18:54	EEH
1,2-Dichloropropane	ND	2 0	0 36	µg/L	2		SW-846 8260D	8/12/22	8/12/22 18:54	EEH
1,3-Dichloropropane	ND	1 0	0 26	µg/L	2		SW-846 8260D	8/12/22	8/12/22 18:54	EEH
2,2-Dichloropropane	ND	2 0	0 65	µg/L	2		SW-846 8260D	8/12/22	8/12/22 18:54	EEH
1,1-Dichloropropene	ND	4 0	0 30	µg/L	2		SW-846 8260D	8/12/22	8/12/22 18:54	EEH
cis-1,3-Dichloropropene	ND	1 0	0 32	µg/L	2		SW-846 8260D	8/12/22	8/12/22 18:54	EEH
trans-1,3-Dichloropropene	ND	1 0	0 34	µg/L	2		SW-846 8260D	8/12/22	8/12/22 18:54	EEH
Diethyl Ether	ND	4 0	0 36	µg/L	2		SW-846 8260D	8/12/22	8/12/22 18:54	EEH

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39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: 197 Main Ave, Wynantskill
Sample Description:
Work Order: 22H0592

Date Received: 8/11/2022

Field Sample #: 442024-TW-10
Sampled: 8/9/2022 16:16

Sample ID: 22H0592-10

Sample Matrix: Ground Water

Sample Flags: RL-11

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	DL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Diisopropyl Ether (DIPE)	ND	1 0	0 26	µg/L	2		SW-846 8260D	8/12/22	8/12/22 18:54	EEH
1,4-Dioxane	ND	100	41	µg/L	2		SW-846 8260D	8/12/22	8/12/22 18:54	EEH
Ethylbenzene	ND	2 0	0 43	µg/L	2		SW-846 8260D	8/12/22	8/12/22 18:54	EEH
Hexachlorobutadiene	ND	2 0	0 91	µg/L	2		SW-846 8260D	8/12/22	8/12/22 18:54	EEH
2-Hexanone (MBK)	ND	20	2 2	µg/L	2		SW-846 8260D	8/12/22	8/12/22 18:54	EEH
Isopropylbenzene (Cumene)	ND	2 0	0 22	µg/L	2		SW-846 8260D	8/12/22	8/12/22 18:54	EEH
p-Isopropyltoluene (p-Cymene)	ND	2 0	0 19	µg/L	2		SW-846 8260D	8/12/22	8/12/22 18:54	EEH
Methyl Acetate	ND	2 0	0 91	µg/L	2		SW-846 8260D	8/12/22	8/12/22 18:54	EEH
Methyl tert-Butyl Ether (MTBE)	ND	2 0	0 34	µg/L	2		SW-846 8260D	8/12/22	8/12/22 18:54	EEH
Methyl Cyclohexane	ND	2 0	0 49	µg/L	2		SW-846 8260D	8/12/22	8/12/22 18:54	EEH
Methylene Chloride	ND	10	0 47	µg/L	2		SW-846 8260D	8/12/22	8/12/22 18:54	EEH
4-Methyl-2-pentanone (MIBK)	ND	20	2 6	µg/L	2		SW-846 8260D	8/12/22	8/12/22 18:54	EEH
Naphthalene	ND	4 0	0 49	µg/L	2		SW-846 8260D	8/12/22	8/12/22 18:54	EEH
n-Propylbenzene	ND	2 0	0 17	µg/L	2		SW-846 8260D	8/12/22	8/12/22 18:54	EEH
Styrene	ND	2 0	0 21	µg/L	2		SW-846 8260D	8/12/22	8/12/22 18:54	EEH
1,1,1,2-Tetrachloroethane	ND	2 0	0 36	µg/L	2		SW-846 8260D	8/12/22	8/12/22 18:54	EEH
1,1,2,2-Tetrachloroethane	ND	1 0	0 25	µg/L	2		SW-846 8260D	8/12/22	8/12/22 18:54	EEH
Tetrachloroethylene	200	2 0	0 37	µg/L	2		SW-846 8260D	8/12/22	8/12/22 18:54	EEH
Tetrahydrofuran	ND	20	0 98	µg/L	2		SW-846 8260D	8/12/22	8/12/22 18:54	EEH
Toluene	ND	2 0	0 45	µg/L	2		SW-846 8260D	8/12/22	8/12/22 18:54	EEH
1,2,3-Trichlorobenzene	ND	10	0 61	µg/L	2		SW-846 8260D	8/12/22	8/12/22 18:54	EEH
1,2,4-Trichlorobenzene	ND	2 0	0 50	µg/L	2		SW-846 8260D	8/12/22	8/12/22 18:54	EEH
1,3,5-Trichlorobenzene	ND	2 0	0 42	µg/L	2		SW-846 8260D	8/12/22	8/12/22 18:54	EEH
1,1,1-Trichloroethane	ND	2 0	0 34	µg/L	2		SW-846 8260D	8/12/22	8/12/22 18:54	EEH
1,1,2-Trichloroethane	ND	2 0	0 37	µg/L	2		SW-846 8260D	8/12/22	8/12/22 18:54	EEH
Trichloroethylene	1 5	2 0	0 38	µg/L	2	J	SW-846 8260D	8/12/22	8/12/22 18:54	EEH
Trichlorofluoromethane (Freon 11)	ND	4 0	0 35	µg/L	2		SW-846 8260D	8/12/22	8/12/22 18:54	EEH
1,2,3-Trichloropropane	ND	4 0	0 56	µg/L	2		SW-846 8260D	8/12/22	8/12/22 18:54	EEH
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	4 0	0 45	µg/L	2		SW-846 8260D	8/12/22	8/12/22 18:54	EEH
1,2,4-Trimethylbenzene	ND	2 0	0 40	µg/L	2		SW-846 8260D	8/12/22	8/12/22 18:54	EEH
1,3,5-Trimethylbenzene	ND	2 0	0 23	µg/L	2		SW-846 8260D	8/12/22	8/12/22 18:54	EEH
Vinyl Chloride	ND	4 0	0 42	µg/L	2		SW-846 8260D	8/12/22	8/12/22 18:54	EEH
m+p Xylene	ND	4 0	0 92	µg/L	2		SW-846 8260D	8/12/22	8/12/22 18:54	EEH
o-Xylene	ND	2 0	0 46	µg/L	2		SW-846 8260D	8/12/22	8/12/22 18:54	EEH

Surrogates	% Recovery	Recovery Limits	Flag/Qual		
1,2-Dichloroethane-d4	94 3	70-130		8/12/22	18:54
Toluene-d8	96 8	70-130		8/12/22	18:54
4-Bromofluorobenzene	100	70-130		8/12/22	18:54

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39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: 197 Main Ave, Wynantskill
Sample Description:
Work Order: 22H0592

Date Received: 8/11/2022

Field Sample #: 442024-FD-08092022
Sampled: 8/9/2022 00:00

Sample ID: 22H0592-11

Sample Matrix: Ground Water

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	DL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Acetone	ND	50	2 0	µg/L	1		SW-846 8260D	8/12/22	8/12/22 17:33	EEH
Acrylonitrile	ND	5 0	0 55	µg/L	1	R-05	SW-846 8260D	8/12/22	8/12/22 17:33	EEH
tert-Amyl Methyl Ether (TAME)	ND	0 50	0 14	µg/L	1		SW-846 8260D	8/12/22	8/12/22 17:33	EEH
Benzene	ND	1 0	0 20	µg/L	1		SW-846 8260D	8/12/22	8/12/22 17:33	EEH
Bromobenzene	ND	1 0	0 15	µg/L	1		SW-846 8260D	8/12/22	8/12/22 17:33	EEH
Bromochloromethane	ND	1 0	0 31	µg/L	1		SW-846 8260D	8/12/22	8/12/22 17:33	EEH
Bromodichloromethane	ND	0 50	0 18	µg/L	1		SW-846 8260D	8/12/22	8/12/22 17:33	EEH
Bromoform	ND	2 0	0 38	µg/L	1		SW-846 8260D	8/12/22	8/12/22 17:33	EEH
Bromomethane	ND	2 0	1 5	µg/L	1		SW-846 8260D	8/12/22	8/12/22 17:33	EEH
2-Butanone (MEK)	ND	20	1 6	µg/L	1		SW-846 8260D	8/12/22	8/12/22 17:33	EEH
tert-Butyl Alcohol (TBA)	ND	20	4 7	µg/L	1		SW-846 8260D	8/12/22	8/12/22 17:33	EEH
n-Butylbenzene	ND	1 0	0 15	µg/L	1		SW-846 8260D	8/12/22	8/12/22 17:33	EEH
sec-Butylbenzene	ND	1 0	0 11	µg/L	1		SW-846 8260D	8/12/22	8/12/22 17:33	EEH
tert-Butylbenzene	ND	1 0	0 13	µg/L	1		SW-846 8260D	8/12/22	8/12/22 17:33	EEH
tert-Butyl Ethyl Ether (TBEE)	ND	0 50	0 15	µg/L	1		SW-846 8260D	8/12/22	8/12/22 17:33	EEH
Carbon Disulfide	ND	5 0	1 4	µg/L	1		SW-846 8260D	8/12/22	8/12/22 17:33	EEH
Carbon Tetrachloride	ND	5 0	0 16	µg/L	1		SW-846 8260D	8/12/22	8/12/22 17:33	EEH
Chlorobenzene	ND	1 0	0 11	µg/L	1		SW-846 8260D	8/12/22	8/12/22 17:33	EEH
Chlorodibromomethane	ND	0 50	0 22	µg/L	1		SW-846 8260D	8/12/22	8/12/22 17:33	EEH
Chloroethane	ND	2 0	0 32	µg/L	1		SW-846 8260D	8/12/22	8/12/22 17:33	EEH
Chloroform	ND	2 0	0 17	µg/L	1		SW-846 8260D	8/12/22	8/12/22 17:33	EEH
Chloromethane	ND	2 0	0 52	µg/L	1		SW-846 8260D	8/12/22	8/12/22 17:33	EEH
2-Chlorotoluene	ND	1 0	0 11	µg/L	1		SW-846 8260D	8/12/22	8/12/22 17:33	EEH
4-Chlorotoluene	ND	1 0	0 12	µg/L	1		SW-846 8260D	8/12/22	8/12/22 17:33	EEH
1,2-Dibromo-3-chloropropane (DBCP)	ND	5 0	0 80	µg/L	1		SW-846 8260D	8/12/22	8/12/22 17:33	EEH
1,2-Dibromoethane (EDB)	ND	0 50	0 17	µg/L	1		SW-846 8260D	8/12/22	8/12/22 17:33	EEH
Dibromomethane	ND	1 0	0 35	µg/L	1		SW-846 8260D	8/12/22	8/12/22 17:33	EEH
1,2-Dichlorobenzene	ND	1 0	0 12	µg/L	1		SW-846 8260D	8/12/22	8/12/22 17:33	EEH
1,3-Dichlorobenzene	ND	1 0	0 12	µg/L	1		SW-846 8260D	8/12/22	8/12/22 17:33	EEH
1,4-Dichlorobenzene	ND	1 0	0 13	µg/L	1		SW-846 8260D	8/12/22	8/12/22 17:33	EEH
trans-1,4-Dichloro-2-butene	ND	2 0	1 6	µg/L	1		SW-846 8260D	8/12/22	8/12/22 17:33	EEH
Dichlorodifluoromethane (Freon 12)	ND	2 0	0 19	µg/L	1		SW-846 8260D	8/12/22	8/12/22 17:33	EEH
1,1-Dichloroethane	ND	1 0	0 14	µg/L	1		SW-846 8260D	8/12/22	8/12/22 17:33	EEH
1,2-Dichloroethane	ND	1 0	0 31	µg/L	1		SW-846 8260D	8/12/22	8/12/22 17:33	EEH
1,1-Dichloroethylene	ND	1 0	0 14	µg/L	1		SW-846 8260D	8/12/22	8/12/22 17:33	EEH
cis-1,2-Dichloroethylene	7 6	1 0	0 15	µg/L	1		SW-846 8260D	8/12/22	8/12/22 17:33	EEH
trans-1,2-Dichloroethylene	ND	1 0	0 17	µg/L	1		SW-846 8260D	8/12/22	8/12/22 17:33	EEH
1,2-Dichloropropane	ND	1 0	0 18	µg/L	1		SW-846 8260D	8/12/22	8/12/22 17:33	EEH
1,3-Dichloropropane	ND	0 50	0 13	µg/L	1		SW-846 8260D	8/12/22	8/12/22 17:33	EEH
2,2-Dichloropropane	ND	1 0	0 33	µg/L	1		SW-846 8260D	8/12/22	8/12/22 17:33	EEH
1,1-Dichloropropene	ND	2 0	0 15	µg/L	1		SW-846 8260D	8/12/22	8/12/22 17:33	EEH
cis-1,3-Dichloropropene	ND	0 50	0 16	µg/L	1		SW-846 8260D	8/12/22	8/12/22 17:33	EEH
trans-1,3-Dichloropropene	ND	0 50	0 17	µg/L	1		SW-846 8260D	8/12/22	8/12/22 17:33	EEH
Diethyl Ether	ND	2 0	0 18	µg/L	1		SW-846 8260D	8/12/22	8/12/22 17:33	EEH

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39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: 197 Main Ave, Wynantskill | Sample Description: | Work Order: 22H0592

Date Received: 8/11/2022

Field Sample #: 442024-FD-08092022 | Sampled: 8/9/2022 00:00

Sample ID: 22H0592-11

Sample Matrix: Ground Water

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	DL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Diisopropyl Ether (DIPE)	ND	0 50	0 13	µg/L	1		SW-846 8260D	8/12/22	8/12/22 17:33	EEH
1,4-Dioxane	ND	50	21	µg/L	1		SW-846 8260D	8/12/22	8/12/22 17:33	EEH
Ethylbenzene	ND	1 0	0 21	µg/L	1		SW-846 8260D	8/12/22	8/12/22 17:33	EEH
Hexachlorobutadiene	ND	1 0	0 46	µg/L	1		SW-846 8260D	8/12/22	8/12/22 17:33	EEH
2-Hexanone (MBK)	ND	10	1 1	µg/L	1		SW-846 8260D	8/12/22	8/12/22 17:33	EEH
Isopropylbenzene (Cumene)	ND	1 0	0 11	µg/L	1		SW-846 8260D	8/12/22	8/12/22 17:33	EEH
p-Isopropyltoluene (p-Cymene)	ND	1 0	0 097	µg/L	1		SW-846 8260D	8/12/22	8/12/22 17:33	EEH
Methyl Acetate	ND	1 0	0 45	µg/L	1		SW-846 8260D	8/12/22	8/12/22 17:33	EEH
Methyl tert-Butyl Ether (MTBE)	ND	1 0	0 17	µg/L	1		SW-846 8260D	8/12/22	8/12/22 17:33	EEH
Methyl Cyclohexane	ND	1 0	0 24	µg/L	1		SW-846 8260D	8/12/22	8/12/22 17:33	EEH
Methylene Chloride	ND	5 0	0 23	µg/L	1		SW-846 8260D	8/12/22	8/12/22 17:33	EEH
4-Methyl-2-pentanone (MIBK)	ND	10	1 3	µg/L	1		SW-846 8260D	8/12/22	8/12/22 17:33	EEH
Naphthalene	ND	2 0	0 24	µg/L	1		SW-846 8260D	8/12/22	8/12/22 17:33	EEH
n-Propylbenzene	ND	1 0	0 086	µg/L	1		SW-846 8260D	8/12/22	8/12/22 17:33	EEH
Styrene	ND	1 0	0 11	µg/L	1		SW-846 8260D	8/12/22	8/12/22 17:33	EEH
1,1,1,2-Tetrachloroethane	ND	1 0	0 18	µg/L	1		SW-846 8260D	8/12/22	8/12/22 17:33	EEH
1,1,2,2-Tetrachloroethane	ND	0 50	0 13	µg/L	1		SW-846 8260D	8/12/22	8/12/22 17:33	EEH
Tetrachloroethylene	36	1 0	0 19	µg/L	1		SW-846 8260D	8/12/22	8/12/22 17:33	EEH
Tetrahydrofuran	ND	10	0 49	µg/L	1		SW-846 8260D	8/12/22	8/12/22 17:33	EEH
Toluene	ND	1 0	0 22	µg/L	1		SW-846 8260D	8/12/22	8/12/22 17:33	EEH
1,2,3-Trichlorobenzene	ND	5 0	0 30	µg/L	1		SW-846 8260D	8/12/22	8/12/22 17:33	EEH
1,2,4-Trichlorobenzene	ND	1 0	0 25	µg/L	1		SW-846 8260D	8/12/22	8/12/22 17:33	EEH
1,3,5-Trichlorobenzene	ND	1 0	0 21	µg/L	1		SW-846 8260D	8/12/22	8/12/22 17:33	EEH
1,1,1-Trichloroethane	ND	1 0	0 17	µg/L	1		SW-846 8260D	8/12/22	8/12/22 17:33	EEH
1,1,2-Trichloroethane	ND	1 0	0 18	µg/L	1		SW-846 8260D	8/12/22	8/12/22 17:33	EEH
Trichloroethylene	1 1	1 0	0 19	µg/L	1		SW-846 8260D	8/12/22	8/12/22 17:33	EEH
Trichlorofluoromethane (Freon 11)	ND	2 0	0 18	µg/L	1		SW-846 8260D	8/12/22	8/12/22 17:33	EEH
1,2,3-Trichloropropane	ND	2 0	0 28	µg/L	1		SW-846 8260D	8/12/22	8/12/22 17:33	EEH
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	2 0	0 23	µg/L	1		SW-846 8260D	8/12/22	8/12/22 17:33	EEH
1,2,4-Trimethylbenzene	ND	1 0	0 20	µg/L	1		SW-846 8260D	8/12/22	8/12/22 17:33	EEH
1,3,5-Trimethylbenzene	ND	1 0	0 11	µg/L	1		SW-846 8260D	8/12/22	8/12/22 17:33	EEH
Vinyl Chloride	ND	2 0	0 21	µg/L	1		SW-846 8260D	8/12/22	8/12/22 17:33	EEH
m+p Xylene	ND	2 0	0 46	µg/L	1		SW-846 8260D	8/12/22	8/12/22 17:33	EEH
o-Xylene	ND	1 0	0 23	µg/L	1		SW-846 8260D	8/12/22	8/12/22 17:33	EEH

Surrogates	% Recovery	Recovery Limits	Flag/Qual	
1,2-Dichloroethane-d4	91 8	70-130		8/12/22 17:33
Toluene-d8	97 2	70-130		8/12/22 17:33
4-Bromofluorobenzene	99 7	70-130		8/12/22 17:33

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39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: 197 Main Ave, Wynantskill | Sample Description: | Work Order: 22H0592

Date Received: 8/11/2022

Field Sample #: 442024-FB-08092022 | Sampled: 8/9/2022 16:42

Sample ID: 22H0592-12

Sample Matrix: Water

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	DL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Acetone	35	50	2 0	µg/L	1	J	SW-846 8260D	8/12/22	8/12/22 12:35	EEH
Acrylonitrile	ND	5 0	0 55	µg/L	1	R-05	SW-846 8260D	8/12/22	8/12/22 12:35	EEH
tert-Amyl Methyl Ether (TAME)	ND	0 50	0 14	µg/L	1		SW-846 8260D	8/12/22	8/12/22 12:35	EEH
Benzene	ND	1 0	0 20	µg/L	1		SW-846 8260D	8/12/22	8/12/22 12:35	EEH
Bromobenzene	ND	1 0	0 15	µg/L	1		SW-846 8260D	8/12/22	8/12/22 12:35	EEH
Bromochloromethane	ND	1 0	0 31	µg/L	1		SW-846 8260D	8/12/22	8/12/22 12:35	EEH
Bromodichloromethane	ND	0 50	0 18	µg/L	1		SW-846 8260D	8/12/22	8/12/22 12:35	EEH
Bromoform	ND	2 0	0 38	µg/L	1		SW-846 8260D	8/12/22	8/12/22 12:35	EEH
Bromomethane	ND	2 0	1 5	µg/L	1		SW-846 8260D	8/12/22	8/12/22 12:35	EEH
2-Butanone (MEK)	3 5	20	1 6	µg/L	1	J	SW-846 8260D	8/12/22	8/12/22 12:35	EEH
tert-Butyl Alcohol (TBA)	ND	20	4 7	µg/L	1		SW-846 8260D	8/12/22	8/12/22 12:35	EEH
n-Butylbenzene	ND	1 0	0 15	µg/L	1		SW-846 8260D	8/12/22	8/12/22 12:35	EEH
sec-Butylbenzene	ND	1 0	0 11	µg/L	1		SW-846 8260D	8/12/22	8/12/22 12:35	EEH
tert-Butylbenzene	ND	1 0	0 13	µg/L	1		SW-846 8260D	8/12/22	8/12/22 12:35	EEH
tert-Butyl Ethyl Ether (TBEE)	ND	0 50	0 15	µg/L	1		SW-846 8260D	8/12/22	8/12/22 12:35	EEH
Carbon Disulfide	ND	5 0	1 4	µg/L	1		SW-846 8260D	8/12/22	8/12/22 12:35	EEH
Carbon Tetrachloride	ND	5 0	0 16	µg/L	1		SW-846 8260D	8/12/22	8/12/22 12:35	EEH
Chlorobenzene	ND	1 0	0 11	µg/L	1		SW-846 8260D	8/12/22	8/12/22 12:35	EEH
Chlorodibromomethane	ND	0 50	0 22	µg/L	1		SW-846 8260D	8/12/22	8/12/22 12:35	EEH
Chloroethane	ND	2 0	0 32	µg/L	1		SW-846 8260D	8/12/22	8/12/22 12:35	EEH
Chloroform	ND	2 0	0 17	µg/L	1		SW-846 8260D	8/12/22	8/12/22 12:35	EEH
Chloromethane	ND	2 0	0 52	µg/L	1		SW-846 8260D	8/12/22	8/12/22 12:35	EEH
2-Chlorotoluene	ND	1 0	0 11	µg/L	1		SW-846 8260D	8/12/22	8/12/22 12:35	EEH
4-Chlorotoluene	ND	1 0	0 12	µg/L	1		SW-846 8260D	8/12/22	8/12/22 12:35	EEH
1,2-Dibromo-3-chloropropane (DBCP)	ND	5 0	0 80	µg/L	1		SW-846 8260D	8/12/22	8/12/22 12:35	EEH
1,2-Dibromoethane (EDB)	ND	0 50	0 17	µg/L	1		SW-846 8260D	8/12/22	8/12/22 12:35	EEH
Dibromomethane	ND	1 0	0 35	µg/L	1		SW-846 8260D	8/12/22	8/12/22 12:35	EEH
1,2-Dichlorobenzene	ND	1 0	0 12	µg/L	1		SW-846 8260D	8/12/22	8/12/22 12:35	EEH
1,3-Dichlorobenzene	ND	1 0	0 12	µg/L	1		SW-846 8260D	8/12/22	8/12/22 12:35	EEH
1,4-Dichlorobenzene	ND	1 0	0 13	µg/L	1		SW-846 8260D	8/12/22	8/12/22 12:35	EEH
trans-1,4-Dichloro-2-butene	ND	2 0	1 6	µg/L	1		SW-846 8260D	8/12/22	8/12/22 12:35	EEH
Dichlorodifluoromethane (Freon 12)	ND	2 0	0 19	µg/L	1		SW-846 8260D	8/12/22	8/12/22 12:35	EEH
1,1-Dichloroethane	ND	1 0	0 14	µg/L	1		SW-846 8260D	8/12/22	8/12/22 12:35	EEH
1,2-Dichloroethane	ND	1 0	0 31	µg/L	1		SW-846 8260D	8/12/22	8/12/22 12:35	EEH
1,1-Dichloroethylene	ND	1 0	0 14	µg/L	1		SW-846 8260D	8/12/22	8/12/22 12:35	EEH
cis-1,2-Dichloroethylene	ND	1 0	0 15	µg/L	1		SW-846 8260D	8/12/22	8/12/22 12:35	EEH
trans-1,2-Dichloroethylene	ND	1 0	0 17	µg/L	1		SW-846 8260D	8/12/22	8/12/22 12:35	EEH
1,2-Dichloropropane	ND	1 0	0 18	µg/L	1		SW-846 8260D	8/12/22	8/12/22 12:35	EEH
1,3-Dichloropropane	ND	0 50	0 13	µg/L	1		SW-846 8260D	8/12/22	8/12/22 12:35	EEH
2,2-Dichloropropane	ND	1 0	0 33	µg/L	1		SW-846 8260D	8/12/22	8/12/22 12:35	EEH
1,1-Dichloropropene	ND	2 0	0 15	µg/L	1		SW-846 8260D	8/12/22	8/12/22 12:35	EEH
cis-1,3-Dichloropropene	ND	0 50	0 16	µg/L	1		SW-846 8260D	8/12/22	8/12/22 12:35	EEH
trans-1,3-Dichloropropene	ND	0 50	0 17	µg/L	1		SW-846 8260D	8/12/22	8/12/22 12:35	EEH
Diethyl Ether	ND	2 0	0 18	µg/L	1		SW-846 8260D	8/12/22	8/12/22 12:35	EEH

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39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: 197 Main Ave, Wynantskill | Sample Description: | Work Order: 22H0592

Date Received: 8/11/2022

Field Sample #: 442024-FB-08092022 | Sampled: 8/9/2022 16:42

Sample ID: 22H0592-12

Sample Matrix: Water

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	DL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Diisopropyl Ether (DIPE)	ND	0 50	0 13	µg/L	1		SW-846 8260D	8/12/22	8/12/22 12:35	EEH
1,4-Dioxane	ND	50	21	µg/L	1		SW-846 8260D	8/12/22	8/12/22 12:35	EEH
Ethylbenzene	ND	1 0	0 21	µg/L	1		SW-846 8260D	8/12/22	8/12/22 12:35	EEH
Hexachlorobutadiene	ND	1 0	0 46	µg/L	1		SW-846 8260D	8/12/22	8/12/22 12:35	EEH
2-Hexanone (MBK)	ND	10	1 1	µg/L	1		SW-846 8260D	8/12/22	8/12/22 12:35	EEH
Isopropylbenzene (Cumene)	ND	1 0	0 11	µg/L	1		SW-846 8260D	8/12/22	8/12/22 12:35	EEH
p-Isopropyltoluene (p-Cymene)	ND	1 0	0 097	µg/L	1		SW-846 8260D	8/12/22	8/12/22 12:35	EEH
Methyl Acetate	ND	1 0	0 45	µg/L	1		SW-846 8260D	8/12/22	8/12/22 12:35	EEH
Methyl tert-Butyl Ether (MTBE)	ND	1 0	0 17	µg/L	1		SW-846 8260D	8/12/22	8/12/22 12:35	EEH
Methyl Cyclohexane	ND	1 0	0 24	µg/L	1		SW-846 8260D	8/12/22	8/12/22 12:35	EEH
Methylene Chloride	ND	5 0	0 23	µg/L	1		SW-846 8260D	8/12/22	8/12/22 12:35	EEH
4-Methyl-2-pentanone (MIBK)	ND	10	1 3	µg/L	1		SW-846 8260D	8/12/22	8/12/22 12:35	EEH
Naphthalene	ND	2 0	0 24	µg/L	1		SW-846 8260D	8/12/22	8/12/22 12:35	EEH
n-Propylbenzene	ND	1 0	0 086	µg/L	1		SW-846 8260D	8/12/22	8/12/22 12:35	EEH
Styrene	ND	1 0	0 11	µg/L	1		SW-846 8260D	8/12/22	8/12/22 12:35	EEH
1,1,1,2-Tetrachloroethane	ND	1 0	0 18	µg/L	1		SW-846 8260D	8/12/22	8/12/22 12:35	EEH
1,1,2,2-Tetrachloroethane	ND	0 50	0 13	µg/L	1		SW-846 8260D	8/12/22	8/12/22 12:35	EEH
Tetrachloroethylene	ND	1 0	0 19	µg/L	1		SW-846 8260D	8/12/22	8/12/22 12:35	EEH
Tetrahydrofuran	ND	10	0 49	µg/L	1		SW-846 8260D	8/12/22	8/12/22 12:35	EEH
Toluene	ND	1 0	0 22	µg/L	1		SW-846 8260D	8/12/22	8/12/22 12:35	EEH
1,2,3-Trichlorobenzene	ND	5 0	0 30	µg/L	1		SW-846 8260D	8/12/22	8/12/22 12:35	EEH
1,2,4-Trichlorobenzene	ND	1 0	0 25	µg/L	1		SW-846 8260D	8/12/22	8/12/22 12:35	EEH
1,3,5-Trichlorobenzene	ND	1 0	0 21	µg/L	1		SW-846 8260D	8/12/22	8/12/22 12:35	EEH
1,1,1-Trichloroethane	ND	1 0	0 17	µg/L	1		SW-846 8260D	8/12/22	8/12/22 12:35	EEH
1,1,2-Trichloroethane	ND	1 0	0 18	µg/L	1		SW-846 8260D	8/12/22	8/12/22 12:35	EEH
Trichloroethylene	ND	1 0	0 19	µg/L	1		SW-846 8260D	8/12/22	8/12/22 12:35	EEH
Trichlorofluoromethane (Freon 11)	ND	2 0	0 18	µg/L	1		SW-846 8260D	8/12/22	8/12/22 12:35	EEH
1,2,3-Trichloropropane	ND	2 0	0 28	µg/L	1		SW-846 8260D	8/12/22	8/12/22 12:35	EEH
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	2 0	0 23	µg/L	1		SW-846 8260D	8/12/22	8/12/22 12:35	EEH
1,2,4-Trimethylbenzene	ND	1 0	0 20	µg/L	1		SW-846 8260D	8/12/22	8/12/22 12:35	EEH
1,3,5-Trimethylbenzene	ND	1 0	0 11	µg/L	1		SW-846 8260D	8/12/22	8/12/22 12:35	EEH
Vinyl Chloride	ND	2 0	0 21	µg/L	1		SW-846 8260D	8/12/22	8/12/22 12:35	EEH
m+p Xylene	ND	2 0	0 46	µg/L	1		SW-846 8260D	8/12/22	8/12/22 12:35	EEH
o-Xylene	ND	1 0	0 23	µg/L	1		SW-846 8260D	8/12/22	8/12/22 12:35	EEH

Surrogates	% Recovery	Recovery Limits	Flag/Qual	
1,2-Dichloroethane-d4	91 8	70-130		8/12/22 12:35
Toluene-d8	97 5	70-130		8/12/22 12:35
4-Bromofluorobenzene	102	70-130		8/12/22 12:35

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39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: 197 Main Ave, Wynantskill
Sample Description:
Work Order: 22H0592

Date Received: 8/11/2022

Field Sample #: 442024-TB-08092022
Sampled: 8/9/2022 00:00

Sample ID: 22H0592-13

Sample Matrix: Water

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	DL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Acetone	ND	50	2 0	µg/L	1		SW-846 8260D	8/12/22	8/12/22 13:03	EEH
Acrylonitrile	ND	5 0	0 55	µg/L	1	R-05	SW-846 8260D	8/12/22	8/12/22 13:03	EEH
tert-Amyl Methyl Ether (TAME)	ND	0 50	0 14	µg/L	1		SW-846 8260D	8/12/22	8/12/22 13:03	EEH
Benzene	ND	1 0	0 20	µg/L	1		SW-846 8260D	8/12/22	8/12/22 13:03	EEH
Bromobenzene	ND	1 0	0 15	µg/L	1		SW-846 8260D	8/12/22	8/12/22 13:03	EEH
Bromochloromethane	ND	1 0	0 31	µg/L	1		SW-846 8260D	8/12/22	8/12/22 13:03	EEH
Bromodichloromethane	ND	0 50	0 18	µg/L	1		SW-846 8260D	8/12/22	8/12/22 13:03	EEH
Bromoform	ND	2 0	0 38	µg/L	1		SW-846 8260D	8/12/22	8/12/22 13:03	EEH
Bromomethane	ND	2 0	1 5	µg/L	1		SW-846 8260D	8/12/22	8/12/22 13:03	EEH
2-Butanone (MEK)	ND	20	1 6	µg/L	1		SW-846 8260D	8/12/22	8/12/22 13:03	EEH
tert-Butyl Alcohol (TBA)	ND	20	4 7	µg/L	1		SW-846 8260D	8/12/22	8/12/22 13:03	EEH
n-Butylbenzene	ND	1 0	0 15	µg/L	1		SW-846 8260D	8/12/22	8/12/22 13:03	EEH
sec-Butylbenzene	ND	1 0	0 11	µg/L	1		SW-846 8260D	8/12/22	8/12/22 13:03	EEH
tert-Butylbenzene	ND	1 0	0 13	µg/L	1		SW-846 8260D	8/12/22	8/12/22 13:03	EEH
tert-Butyl Ethyl Ether (TBEE)	ND	0 50	0 15	µg/L	1		SW-846 8260D	8/12/22	8/12/22 13:03	EEH
Carbon Disulfide	ND	5 0	1 4	µg/L	1		SW-846 8260D	8/12/22	8/12/22 13:03	EEH
Carbon Tetrachloride	ND	5 0	0 16	µg/L	1		SW-846 8260D	8/12/22	8/12/22 13:03	EEH
Chlorobenzene	ND	1 0	0 11	µg/L	1		SW-846 8260D	8/12/22	8/12/22 13:03	EEH
Chlorodibromomethane	ND	0 50	0 22	µg/L	1		SW-846 8260D	8/12/22	8/12/22 13:03	EEH
Chloroethane	ND	2 0	0 32	µg/L	1		SW-846 8260D	8/12/22	8/12/22 13:03	EEH
Chloroform	ND	2 0	0 17	µg/L	1		SW-846 8260D	8/12/22	8/12/22 13:03	EEH
Chloromethane	ND	2 0	0 52	µg/L	1		SW-846 8260D	8/12/22	8/12/22 13:03	EEH
2-Chlorotoluene	ND	1 0	0 11	µg/L	1		SW-846 8260D	8/12/22	8/12/22 13:03	EEH
4-Chlorotoluene	ND	1 0	0 12	µg/L	1		SW-846 8260D	8/12/22	8/12/22 13:03	EEH
1,2-Dibromo-3-chloropropane (DBCP)	ND	5 0	0 80	µg/L	1		SW-846 8260D	8/12/22	8/12/22 13:03	EEH
1,2-Dibromoethane (EDB)	ND	0 50	0 17	µg/L	1		SW-846 8260D	8/12/22	8/12/22 13:03	EEH
Dibromomethane	ND	1 0	0 35	µg/L	1		SW-846 8260D	8/12/22	8/12/22 13:03	EEH
1,2-Dichlorobenzene	ND	1 0	0 12	µg/L	1		SW-846 8260D	8/12/22	8/12/22 13:03	EEH
1,3-Dichlorobenzene	ND	1 0	0 12	µg/L	1		SW-846 8260D	8/12/22	8/12/22 13:03	EEH
1,4-Dichlorobenzene	ND	1 0	0 13	µg/L	1		SW-846 8260D	8/12/22	8/12/22 13:03	EEH
trans-1,4-Dichloro-2-butene	ND	2 0	1 6	µg/L	1		SW-846 8260D	8/12/22	8/12/22 13:03	EEH
Dichlorodifluoromethane (Freon 12)	ND	2 0	0 19	µg/L	1		SW-846 8260D	8/12/22	8/12/22 13:03	EEH
1,1-Dichloroethane	ND	1 0	0 14	µg/L	1		SW-846 8260D	8/12/22	8/12/22 13:03	EEH
1,2-Dichloroethane	ND	1 0	0 31	µg/L	1		SW-846 8260D	8/12/22	8/12/22 13:03	EEH
1,1-Dichloroethylene	ND	1 0	0 14	µg/L	1		SW-846 8260D	8/12/22	8/12/22 13:03	EEH
cis-1,2-Dichloroethylene	ND	1 0	0 15	µg/L	1		SW-846 8260D	8/12/22	8/12/22 13:03	EEH
trans-1,2-Dichloroethylene	ND	1 0	0 17	µg/L	1		SW-846 8260D	8/12/22	8/12/22 13:03	EEH
1,2-Dichloropropane	ND	1 0	0 18	µg/L	1		SW-846 8260D	8/12/22	8/12/22 13:03	EEH
1,3-Dichloropropane	ND	0 50	0 13	µg/L	1		SW-846 8260D	8/12/22	8/12/22 13:03	EEH
2,2-Dichloropropane	ND	1 0	0 33	µg/L	1		SW-846 8260D	8/12/22	8/12/22 13:03	EEH
1,1-Dichloropropene	ND	2 0	0 15	µg/L	1		SW-846 8260D	8/12/22	8/12/22 13:03	EEH
cis-1,3-Dichloropropene	ND	0 50	0 16	µg/L	1		SW-846 8260D	8/12/22	8/12/22 13:03	EEH
trans-1,3-Dichloropropene	ND	0 50	0 17	µg/L	1		SW-846 8260D	8/12/22	8/12/22 13:03	EEH
Diethyl Ether	ND	2 0	0 18	µg/L	1		SW-846 8260D	8/12/22	8/12/22 13:03	EEH

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Project Location: 197 Main Ave, Wynantskill | Sample Description: | Work Order: 22H0592

Date Received: 8/11/2022

Field Sample #: 442024-TB-08092022 | Sampled: 8/9/2022 00:00

Sample ID: 22H0592-13

Sample Matrix: Water

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	DL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Diisopropyl Ether (DIPE)	ND	0 50	0 13	µg/L	1		SW-846 8260D	8/12/22	8/12/22 13:03	EEH
1,4-Dioxane	ND	50	21	µg/L	1		SW-846 8260D	8/12/22	8/12/22 13:03	EEH
Ethylbenzene	ND	1 0	0 21	µg/L	1		SW-846 8260D	8/12/22	8/12/22 13:03	EEH
Hexachlorobutadiene	ND	1 0	0 46	µg/L	1		SW-846 8260D	8/12/22	8/12/22 13:03	EEH
2-Hexanone (MBK)	ND	10	1 1	µg/L	1		SW-846 8260D	8/12/22	8/12/22 13:03	EEH
Isopropylbenzene (Cumene)	ND	1 0	0 11	µg/L	1		SW-846 8260D	8/12/22	8/12/22 13:03	EEH
p-Isopropyltoluene (p-Cymene)	ND	1 0	0 097	µg/L	1		SW-846 8260D	8/12/22	8/12/22 13:03	EEH
Methyl Acetate	ND	1 0	0 45	µg/L	1		SW-846 8260D	8/12/22	8/12/22 13:03	EEH
Methyl tert-Butyl Ether (MTBE)	ND	1 0	0 17	µg/L	1		SW-846 8260D	8/12/22	8/12/22 13:03	EEH
Methyl Cyclohexane	ND	1 0	0 24	µg/L	1		SW-846 8260D	8/12/22	8/12/22 13:03	EEH
Methylene Chloride	ND	5 0	0 23	µg/L	1		SW-846 8260D	8/12/22	8/12/22 13:03	EEH
4-Methyl-2-pentanone (MIBK)	ND	10	1 3	µg/L	1		SW-846 8260D	8/12/22	8/12/22 13:03	EEH
Naphthalene	ND	2 0	0 24	µg/L	1		SW-846 8260D	8/12/22	8/12/22 13:03	EEH
n-Propylbenzene	ND	1 0	0 086	µg/L	1		SW-846 8260D	8/12/22	8/12/22 13:03	EEH
Styrene	ND	1 0	0 11	µg/L	1		SW-846 8260D	8/12/22	8/12/22 13:03	EEH
1,1,1,2-Tetrachloroethane	ND	1 0	0 18	µg/L	1		SW-846 8260D	8/12/22	8/12/22 13:03	EEH
1,1,2,2-Tetrachloroethane	ND	0 50	0 13	µg/L	1		SW-846 8260D	8/12/22	8/12/22 13:03	EEH
Tetrachloroethylene	ND	1 0	0 19	µg/L	1		SW-846 8260D	8/12/22	8/12/22 13:03	EEH
Tetrahydrofuran	ND	10	0 49	µg/L	1		SW-846 8260D	8/12/22	8/12/22 13:03	EEH
Toluene	ND	1 0	0 22	µg/L	1		SW-846 8260D	8/12/22	8/12/22 13:03	EEH
1,2,3-Trichlorobenzene	ND	5 0	0 30	µg/L	1		SW-846 8260D	8/12/22	8/12/22 13:03	EEH
1,2,4-Trichlorobenzene	ND	1 0	0 25	µg/L	1		SW-846 8260D	8/12/22	8/12/22 13:03	EEH
1,3,5-Trichlorobenzene	ND	1 0	0 21	µg/L	1		SW-846 8260D	8/12/22	8/12/22 13:03	EEH
1,1,1-Trichloroethane	ND	1 0	0 17	µg/L	1		SW-846 8260D	8/12/22	8/12/22 13:03	EEH
1,1,2-Trichloroethane	ND	1 0	0 18	µg/L	1		SW-846 8260D	8/12/22	8/12/22 13:03	EEH
Trichloroethylene	ND	1 0	0 19	µg/L	1		SW-846 8260D	8/12/22	8/12/22 13:03	EEH
Trichlorofluoromethane (Freon 11)	ND	2 0	0 18	µg/L	1		SW-846 8260D	8/12/22	8/12/22 13:03	EEH
1,2,3-Trichloropropane	ND	2 0	0 28	µg/L	1		SW-846 8260D	8/12/22	8/12/22 13:03	EEH
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	2 0	0 23	µg/L	1		SW-846 8260D	8/12/22	8/12/22 13:03	EEH
1,2,4-Trimethylbenzene	ND	1 0	0 20	µg/L	1		SW-846 8260D	8/12/22	8/12/22 13:03	EEH
1,3,5-Trimethylbenzene	ND	1 0	0 11	µg/L	1		SW-846 8260D	8/12/22	8/12/22 13:03	EEH
Vinyl Chloride	ND	2 0	0 21	µg/L	1		SW-846 8260D	8/12/22	8/12/22 13:03	EEH
m+p Xylene	ND	2 0	0 46	µg/L	1		SW-846 8260D	8/12/22	8/12/22 13:03	EEH
o-Xylene	ND	1 0	0 23	µg/L	1		SW-846 8260D	8/12/22	8/12/22 13:03	EEH

Surrogates	% Recovery	Recovery Limits	Flag/Qual	
1,2-Dichloroethane-d4	93 7	70-130		8/12/22 13:03
Toluene-d8	98 4	70-130		8/12/22 13:03
4-Bromofluorobenzene	100	70-130		8/12/22 13:03

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QUALITY CONTROL

Volatile Organic Compounds by GC/MS - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch B315025 - SW-846 5030B										
Blank (B315025-BLK1)				Prepared & Analyzed: 08/12/22						
Acetone	ND	50	µg/L							
Acrylonitrile	ND	5 0	µg/L							R-05
tert-Amyl Methyl Ether (TAME)	ND	0 50	µg/L							
Benzene	ND	1 0	µg/L							
Bromobenzene	ND	1 0	µg/L							
Bromochloromethane	ND	1 0	µg/L							
Bromodichloromethane	ND	0 50	µg/L							
Bromoform	ND	1 0	µg/L							
Bromomethane	ND	2 0	µg/L							
2-Butanone (MEK)	ND	20	µg/L							
tert-Butyl Alcohol (TBA)	ND	20	µg/L							
n-Butylbenzene	ND	1 0	µg/L							
sec-Butylbenzene	ND	1 0	µg/L							
tert-Butylbenzene	ND	1 0	µg/L							
tert-Butyl Ethyl Ether (TBEE)	ND	0 50	µg/L							
Carbon Disulfide	ND	5 0	µg/L							
Carbon Tetrachloride	ND	5 0	µg/L							
Chlorobenzene	ND	1 0	µg/L							
Chlorodibromomethane	ND	0 50	µg/L							
Chloroethane	ND	2 0	µg/L							
Chloroform	ND	2 0	µg/L							
Chloromethane	ND	2 0	µg/L							
2-Chlorotoluene	ND	1 0	µg/L							
4-Chlorotoluene	ND	1 0	µg/L							
1,2-Dibromo-3-chloropropane (DBCP)	ND	5 0	µg/L							
1,2-Dibromoethane (EDB)	ND	0 50	µg/L							
Dibromomethane	ND	1 0	µg/L							
1,2-Dichlorobenzene	ND	1 0	µg/L							
1,3-Dichlorobenzene	ND	1 0	µg/L							
1,4-Dichlorobenzene	ND	1 0	µg/L							
trans-1,4-Dichloro-2-butene	ND	2 0	µg/L							
Dichlorodifluoromethane (Freon 12)	ND	2 0	µg/L							
1,1-Dichloroethane	ND	1 0	µg/L							
1,2-Dichloroethane	ND	1 0	µg/L							
1,1-Dichloroethylene	ND	1 0	µg/L							
cis-1,2-Dichloroethylene	ND	1 0	µg/L							
trans-1,2-Dichloroethylene	ND	1 0	µg/L							
1,2-Dichloropropane	ND	1 0	µg/L							
1,3-Dichloropropane	ND	0 50	µg/L							
2,2-Dichloropropane	ND	1 0	µg/L							
1,1-Dichloropropene	ND	2 0	µg/L							
cis-1,3-Dichloropropene	ND	0 50	µg/L							
trans-1,3-Dichloropropene	ND	0 50	µg/L							
Diethyl Ether	ND	2 0	µg/L							
Diisopropyl Ether (DIPE)	ND	0 50	µg/L							
1,4-Dioxane	ND	50	µg/L							
Ethylbenzene	ND	1 0	µg/L							
Hexachlorobutadiene	ND	1 0	µg/L							
2-Hexanone (MBK)	ND	10	µg/L							
Isopropylbenzene (Cumene)	ND	1 0	µg/L							
p-Isopropyltoluene (p-Cymene)	ND	1 0	µg/L							
Methyl Acetate	ND	1 0	µg/L							

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QUALITY CONTROL

Volatile Organic Compounds by GC/MS - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC		%REC Limits	RPD	RPD Limit	Notes	
Batch B315025 - SW-846 5030B												
Blank (B315025-BLK1)				Prepared & Analyzed: 08/12/22								
Methyl tert-Butyl Ether (MTBE)	ND	1 0	µg/L									
Methyl Cyclohexane	ND	1 0	µg/L									
Methylene Chloride	ND	5 0	µg/L									
4-Methyl-2-pentanone (MIBK)	ND	10	µg/L									
Naphthalene	ND	2 0	µg/L									
n-Propylbenzene	ND	1 0	µg/L									
Styrene	ND	1 0	µg/L									
1,1,1,2-Tetrachloroethane	ND	1 0	µg/L									
1,1,2,2-Tetrachloroethane	ND	0 50	µg/L									
Tetrachloroethylene	ND	1 0	µg/L									
Tetrahydrofuran	ND	10	µg/L									
Toluene	ND	1 0	µg/L									
1,2,3-Trichlorobenzene	ND	5 0	µg/L									
1,2,4-Trichlorobenzene	ND	1 0	µg/L									
1,3,5-Trichlorobenzene	ND	1 0	µg/L									
1,1,1-Trichloroethane	ND	1 0	µg/L									
1,1,2-Trichloroethane	ND	1 0	µg/L									
Trichloroethylene	ND	1 0	µg/L									
Trichlorofluoromethane (Freon 11)	ND	2 0	µg/L									
1,2,3-Trichloropropane	ND	2 0	µg/L									
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	1 0	µg/L									
1,2,4-Trimethylbenzene	ND	1 0	µg/L									
1,3,5-Trimethylbenzene	ND	1 0	µg/L									
Vinyl Chloride	ND	2 0	µg/L									
m+p Xylene	ND	2 0	µg/L									
o-Xylene	ND	1 0	µg/L									
Surrogate: 1,2-Dichloroethane-d4	*23.3*		µg/L	25 0		93 3		70-130				
Surrogate: Toluene-d8	*24.0*		µg/L	25 0		96 2		70-130				
Surrogate: 4-Bromofluorobenzene	*25.1*		µg/L	25 0		100		70-130				
LCS (B315025-BS1)				Prepared & Analyzed: 08/12/22								
Acetone	80 8	50	µg/L	100		80 8		70-160				†
Acrylonitrile	6 62	5 0	µg/L	10 0		**66.2**	*	70-130			L-07A, R-05	
tert-Amyl Methyl Ether (TAME)	9 65	0 50	µg/L	10 0		96 5		70-130				
Benzene	9 94	1 0	µg/L	10 0		99 4		70-130				
Bromobenzene	11 9	1 0	µg/L	10 0		119		70-130				
Bromochloromethane	11 1	1 0	µg/L	10 0		111		70-130				
Bromodichloromethane	10 9	0 50	µg/L	10 0		109		70-130				
Bromoform	10 7	1 0	µg/L	10 0		107		70-130				
Bromomethane	9 97	2 0	µg/L	10 0		99 7		40-160				†
2-Butanone (MEK)	95 4	20	µg/L	100		95 4		40-160				†
tert-Butyl Alcohol (TBA)	63 6	20	µg/L	100		63 6		40-160				†
n-Butylbenzene	10 4	1 0	µg/L	10 0		104		70-130				
sec-Butylbenzene	10 6	1 0	µg/L	10 0		106		70-130				
tert-Butylbenzene	10 8	1 0	µg/L	10 0		108		70-130				
tert-Butyl Ethyl Ether (TBEE)	10 2	0 50	µg/L	10 0		102		70-130				
Carbon Disulfide	118	5 0	µg/L	100		118		70-130			V-20	
Carbon Tetrachloride	11 0	5 0	µg/L	10 0		110		70-130				
Chlorobenzene	11 4	1 0	µg/L	10 0		114		70-130				
Chlorodibromomethane	10 7	0 50	µg/L	10 0		107		70-130				
Chloroethane	11 6	2 0	µg/L	10 0		116		70-130				
Chloroform	10 5	2 0	µg/L	10 0		105		70-130				

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QUALITY CONTROL

Volatile Organic Compounds by GC/MS - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch B315025 - SW-846 5030B										
LCS (B315025-BS1)				Prepared & Analyzed: 08/12/22						
Chloromethane	9 65	2 0	µg/L	10 0		96 5	40-160			†
2-Chlorotoluene	10 7	1 0	µg/L	10 0		107	70-130			
4-Chlorotoluene	11 3	1 0	µg/L	10 0		113	70-130			
1,2-Dibromo-3-chloropropane (DBCP)	8 54	5 0	µg/L	10 0		85 4	70-130			
1,2-Dibromoethane (EDB)	10 8	0 50	µg/L	10 0		108	70-130			
Dibromomethane	10 8	1 0	µg/L	10 0		108	70-130			
1,2-Dichlorobenzene	10 8	1 0	µg/L	10 0		108	70-130			
1,3-Dichlorobenzene	11 0	1 0	µg/L	10 0		110	70-130			
1,4-Dichlorobenzene	10 6	1 0	µg/L	10 0		106	70-130			
trans-1,4-Dichloro-2-butene	9 33	2 0	µg/L	10 0		93 3	70-130			
Dichlorodifluoromethane (Freon 12)	10 6	2 0	µg/L	10 0		106	40-160			†
1,1-Dichloroethane	10 8	1 0	µg/L	10 0		108	70-130			
1,2-Dichloroethane	10 2	1 0	µg/L	10 0		102	70-130			
1,1-Dichloroethylene	8 55	1 0	µg/L	10 0		85 5	70-130			
cis-1,2-Dichloroethylene	10 6	1 0	µg/L	10 0		106	70-130			
trans-1,2-Dichloroethylene	10 5	1 0	µg/L	10 0		105	70-130			
1,2-Dichloropropane	11 3	1 0	µg/L	10 0		113	70-130			
1,3-Dichloropropane	11 1	0 50	µg/L	10 0		111	70-130			
2,2-Dichloropropane	10 2	1 0	µg/L	10 0		102	40-130			†
1,1-Dichloropropene	11 0	2 0	µg/L	10 0		110	70-130			
cis-1,3-Dichloropropene	10 8	0 50	µg/L	10 0		108	70-130			
trans-1,3-Dichloropropene	10 3	0 50	µg/L	10 0		103	70-130			
Diethyl Ether	8 95	2 0	µg/L	10 0		89 5	70-130			
Diisopropyl Ether (DIPE)	10 8	0 50	µg/L	10 0		108	70-130			
1,4-Dioxane	92 6	50	µg/L	100		92 6	40-130			†
Ethylbenzene	11 3	1 0	µg/L	10 0		113	70-130			
Hexachlorobutadiene	11 0	1 0	µg/L	10 0		110	70-130			
2-Hexanone (MBK)	99 0	10	µg/L	100		99 0	70-160			†
Isopropylbenzene (Cumene)	11 4	1 0	µg/L	10 0		114	70-130			
p-Isopropyltoluene (p-Cymene)	11 0	1 0	µg/L	10 0		110	70-130			
Methyl Acetate	10 2	1 0	µg/L	10 0		102	70-130			
Methyl tert-Butyl Ether (MTBE)	10 2	1 0	µg/L	10 0		102	70-130			
Methyl Cyclohexane	11 6	1 0	µg/L	10 0		116	70-130			
Methylene Chloride	8 67	5 0	µg/L	10 0		86 7	70-130			
4-Methyl-2-pentanone (MIBK)	102	10	µg/L	100		102	70-160			†
Naphthalene	9 54	2 0	µg/L	10 0		95 4	40-130			†
n-Propylbenzene	11 3	1 0	µg/L	10 0		113	70-130			
Styrene	11 2	1 0	µg/L	10 0		112	70-130			
1,1,1,2-Tetrachloroethane	11 6	1 0	µg/L	10 0		116	70-130			
1,1,2,2-Tetrachloroethane	10 9	0 50	µg/L	10 0		109	70-130			
Tetrachloroethylene	12 2	1 0	µg/L	10 0		122	70-130			
Tetrahydrofuran	9 54	10	µg/L	10 0		95 4	70-130			J
Toluene	10 6	1 0	µg/L	10 0		106	70-130			
1,2,3-Trichlorobenzene	11 2	5 0	µg/L	10 0		112	70-130			
1,2,4-Trichlorobenzene	10 5	1 0	µg/L	10 0		105	70-130			
1,3,5-Trichlorobenzene	10 8	1 0	µg/L	10 0		108	70-130			
1,1,1-Trichloroethane	10 8	1 0	µg/L	10 0		108	70-130			
1,1,2-Trichloroethane	11 2	1 0	µg/L	10 0		112	70-130			
Trichloroethylene	11 6	1 0	µg/L	10 0		116	70-130			
Trichlorofluoromethane (Freon 11)	9 81	2 0	µg/L	10 0		98 1	70-130			
1,2,3-Trichloropropane	10 9	2 0	µg/L	10 0		109	70-130			

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39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

QUALITY CONTROL

Volatile Organic Compounds by GC/MS - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC		%REC Limits	RPD		RPD Limit	Notes	
Batch B315025 - SW-846 5030B													
LCS (B315025-BS1)				Prepared & Analyzed: 08/12/22									
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	9 88	1 0	µg/L	10 0		98 8		70-130					
1,2,4-Trimethylbenzene	10 3	1 0	µg/L	10 0		103		70-130					
1,3,5-Trimethylbenzene	11 4	1 0	µg/L	10 0		114		70-130					
Vinyl Chloride	32 6	2 0	µg/L	10 0		**326**	*	40-160				L-02, V-20	†
m+p Xylene	22 7	2 0	µg/L	20 0		113		70-130					
o-Xylene	11 6	1 0	µg/L	10 0		116		70-130					
Surrogate: 1,2-Dichloroethane-d4	*23.1*		µg/L	25 0		92 4		70-130					
Surrogate: Toluene-d8	*24.2*		µg/L	25 0		96 8		70-130					
Surrogate: 4-Bromofluorobenzene	*26.4*		µg/L	25 0		106		70-130					
LCS Dup (B315025-BSD1)				Prepared & Analyzed: 08/12/22									
Acetone	83 5	50	µg/L	100		83 5		70-160	3 31		25		†
Acrylonitrile	8 58	5 0	µg/L	10 0		85 8		70-130	**25.8**	*	25	R-05	
tert-Amyl Methyl Ether (TAME)	9 62	0 50	µg/L	10 0		96 2		70-130	0 311		25		
Benzene	9 94	1 0	µg/L	10 0		99 4		70-130	0 00		25		
Bromobenzene	11 9	1 0	µg/L	10 0		119		70-130	0 252		25		
Bromochloromethane	11 4	1 0	µg/L	10 0		114		70-130	2 76		25		
Bromodichloromethane	11 3	0 50	µg/L	10 0		113		70-130	3 24		25		
Bromoform	10 8	1 0	µg/L	10 0		108		70-130	0 835		25		
Bromomethane	11 7	2 0	µg/L	10 0		117		40-160	15 9		25		†
2-Butanone (MEK)	95 0	20	µg/L	100		95 0		40-160	0 462		25		†
tert-Butyl Alcohol (TBA)	79 1	20	µg/L	100		79 1		40-160	21 8		25		†
n-Butylbenzene	10 6	1 0	µg/L	10 0		106		70-130	2 28		25		
sec-Butylbenzene	10 7	1 0	µg/L	10 0		107		70-130	1 78		25		
tert-Butylbenzene	10 8	1 0	µg/L	10 0		108		70-130	0 741		25		
tert-Butyl Ethyl Ether (TBEE)	10 2	0 50	µg/L	10 0		102		70-130	0 197		25		
Carbon Disulfide	141	5 0	µg/L	100		**141**	*	70-130	17 3		25	L-07, V-20	
Carbon Tetrachloride	11 1	5 0	µg/L	10 0		111		70-130	0 724		25		
Chlorobenzene	11 3	1 0	µg/L	10 0		113		70-130	1 50		25		
Chlorodibromomethane	11 3	0 50	µg/L	10 0		113		70-130	5 54		25		
Chloroethane	12 2	2 0	µg/L	10 0		122		70-130	5 21		25		
Chloroform	10 8	2 0	µg/L	10 0		108		70-130	3 28		25		
Chloromethane	12 4	2 0	µg/L	10 0		124		40-160	24 7		25		†
2-Chlorotoluene	10 4	1 0	µg/L	10 0		104		70-130	2 74		25		
4-Chlorotoluene	11 4	1 0	µg/L	10 0		114		70-130	1 23		25		
1,2-Dibromo-3-chloropropane (DBCP)	9 23	5 0	µg/L	10 0		92 3		70-130	7 77		25		
1,2-Dibromoethane (EDB)	10 8	0 50	µg/L	10 0		108		70-130	0 186		25		
Dibromomethane	11 4	1 0	µg/L	10 0		114		70-130	4 87		25		
1,2-Dichlorobenzene	11 3	1 0	µg/L	10 0		113		70-130	4 43		25		
1,3-Dichlorobenzene	11 4	1 0	µg/L	10 0		114		70-130	3 74		25		
1,4-Dichlorobenzene	11 0	1 0	µg/L	10 0		110		70-130	3 43		25		
trans-1,4-Dichloro-2-butene	9 13	2 0	µg/L	10 0		91 3		70-130	2 17		25		
Dichlorodifluoromethane (Freon 12)	10 4	2 0	µg/L	10 0		104		40-160	1 81		25		†
1,1-Dichloroethane	10 7	1 0	µg/L	10 0		107		70-130	0 650		25		
1,2-Dichloroethane	10 4	1 0	µg/L	10 0		104		70-130	2 42		25		
1,1-Dichloroethylene	9 93	1 0	µg/L	10 0		99 3		70-130	14 9		25		
cis-1,2-Dichloroethylene	11 0	1 0	µg/L	10 0		110		70-130	3 78		25		
trans-1,2-Dichloroethylene	9 96	1 0	µg/L	10 0		99 6		70-130	5 56		25		
1,2-Dichloropropane	11 2	1 0	µg/L	10 0		112		70-130	1 25		25		
1,3-Dichloropropane	11 3	0 50	µg/L	10 0		113		70-130	1 61		25		
2,2-Dichloropropane	10 1	1 0	µg/L	10 0		101		40-130	0 987		25		†
1,1-Dichloropropene	10 7	2 0	µg/L	10 0		107		70-130	2 78		25		

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QUALITY CONTROL

Volatile Organic Compounds by GC/MS - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC		%REC Limits	RPD	RPD Limit	Notes	
Batch B315025 - SW-846 5030B												
LCS Dup (B315025-BSD1)				Prepared & Analyzed: 08/12/22								
cis-1,3-Dichloropropene	10 9	0 50	µg/L	10 0		109		70-130	0 924	25		
trans-1,3-Dichloropropene	10 4	0 50	µg/L	10 0		104		70-130	0 776	25		
Diethyl Ether	10 3	2 0	µg/L	10 0		103		70-130	13 9	25		
Diisopropyl Ether (DIPE)	10 9	0 50	µg/L	10 0		109		70-130	1 29	25		
1,4-Dioxane	88 3	50	µg/L	100		88 3		40-130	4 74	50		† ‡
Ethylbenzene	11 2	1 0	µg/L	10 0		112		70-130	1 42	25		
Hexachlorobutadiene	11 7	1 0	µg/L	10 0		117		70-130	6 33	25		
2-Hexanone (MBK)	97 9	10	µg/L	100		97 9		70-160	1 10	25		†
Isopropylbenzene (Cumene)	11 3	1 0	µg/L	10 0		113		70-130	0 615	25		
p-Isopropyltoluene (p-Cymene)	11 0	1 0	µg/L	10 0		110		70-130	0 00	25		
Methyl Acetate	12 3	1 0	µg/L	10 0		123		70-130	19 1	25		
Methyl tert-Butyl Ether (MTBE)	10 2	1 0	µg/L	10 0		102		70-130	0 196	25		
Methyl Cyclohexane	11 4	1 0	µg/L	10 0		114		70-130	1 48	25		
Methylene Chloride	11 0	5 0	µg/L	10 0		110		70-130	23 4	25		
4-Methyl-2-pentanone (MIBK)	102	10	µg/L	100		102		70-160	0 157	25		†
Naphthalene	9 84	2 0	µg/L	10 0		98 4		40-130	3 10	25		†
n-Propylbenzene	11 5	1 0	µg/L	10 0		115		70-130	2 02	25		
Styrene	11 4	1 0	µg/L	10 0		114		70-130	1 85	25		
1,1,1,2-Tetrachloroethane	11 8	1 0	µg/L	10 0		118		70-130	1 03	25		
1,1,2,2-Tetrachloroethane	10 8	0 50	µg/L	10 0		108		70-130	1 29	25		
Tetrachloroethylene	12 0	1 0	µg/L	10 0		120		70-130	1 49	25		
Tetrahydrofuran	9 55	10	µg/L	10 0		95 5		70-130	0 105	25	J	
Toluene	10 5	1 0	µg/L	10 0		105		70-130	0 473	25		
1,2,3-Trichlorobenzene	11 6	5 0	µg/L	10 0		116		70-130	3 34	25		
1,2,4-Trichlorobenzene	11 4	1 0	µg/L	10 0		114		70-130	7 75	25		
1,3,5-Trichlorobenzene	11 1	1 0	µg/L	10 0		111		70-130	2 64	25		
1,1,1-Trichloroethane	10 8	1 0	µg/L	10 0		108		70-130	0 370	25		
1,1,2-Trichloroethane	11 6	1 0	µg/L	10 0		116		70-130	3 94	25		
Trichloroethylene	11 3	1 0	µg/L	10 0		113		70-130	2 70	25		
Trichlorofluoromethane (Freon 11)	9 75	2 0	µg/L	10 0		97 5		70-130	0 614	25		
1,2,3-Trichloropropane	10 4	2 0	µg/L	10 0		104		70-130	5 17	25		
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	11 8	1 0	µg/L	10 0		118		70-130	18 1	25		
1,2,4-Trimethylbenzene	10 3	1 0	µg/L	10 0		103		70-130	0 485	25		
1,3,5-Trimethylbenzene	11 3	1 0	µg/L	10 0		113		70-130	0 615	25		
Vinyl Chloride	32 2	2 0	µg/L	10 0		**322**	*	40-160	1 17	25	L-02, V-20	†
m+p Xylene	22 6	2 0	µg/L	20 0		113		70-130	0 221	25		
o-Xylene	11 6	1 0	µg/L	10 0		116		70-130	0 00	25		
Surrogate: 1,2-Dichloroethane-d4	*23.2*		µg/L	25 0		92 6		70-130				
Surrogate: Toluene-d8	*24.1*		µg/L	25 0		96 4		70-130				
Surrogate: 4-Bromofluorobenzene	*26.3*		µg/L	25 0		105		70-130				
Matrix Spike (B315025-MS1)		**Source: 22H0592-01**		Prepared & Analyzed: 08/12/22								
Acetone	81 7	50	µg/L	100	ND	81 7		70-130				
Acrylonitrile	7 85	5 0	µg/L	10 0	ND	78 5		70-130			R-05	
tert-Amyl Methyl Ether (TAME)	9 64	0 50	µg/L	10 0	ND	96 4		70-130				
Benzene	10 4	1 0	µg/L	10 0	ND	104		70-130				
Bromobenzene	12 4	1 0	µg/L	10 0	ND	124		70-130				
Bromochloromethane	11 4	1 0	µg/L	10 0	ND	114		70-130				
Bromodichloromethane	10 4	0 50	µg/L	10 0	ND	104		70-130				
Bromoform	10 2	1 0	µg/L	10 0	ND	102		70-130				
Bromomethane	10 2	2 0	µg/L	10 0	ND	102		70-130				
2-Butanone (MEK)	87 1	20	µg/L	100	ND	87 1		70-130				

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39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

QUALITY CONTROL

Volatile Organic Compounds by GC/MS - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC		%REC Limits	RPD	RPD Limit	Notes
Batch B315025 - SW-846 5030B											
Matrix Spike (B315025-MS1)	**Source: 22H0592-01**			Prepared & Analyzed: 08/12/22							
tert-Butyl Alcohol (TBA)	77 4	20	µg/L	100	ND	77 4		70-130			
n-Butylbenzene	10 9	1 0	µg/L	10 0	ND	109		70-130			
sec-Butylbenzene	11 2	1 0	µg/L	10 0	ND	112		70-130			
tert-Butylbenzene	11 9	1 0	µg/L	10 0	ND	119		70-130			
tert-Butyl Ethyl Ether (TBEE)	10 4	0 50	µg/L	10 0	ND	104		70-130			
Carbon Disulfide	146	5 0	µg/L	100	ND	**146**	*	70-130			MS-15, V-20
Carbon Tetrachloride	11 5	5 0	µg/L	10 0	ND	115		70-130			
Chlorobenzene	11 8	1 0	µg/L	10 0	ND	118		70-130			
Chlorodibromomethane	10 9	0 50	µg/L	10 0	ND	109		70-130			
Chloroethane	12 1	2 0	µg/L	10 0	ND	121		70-130			
Chloroform	10 9	2 0	µg/L	10 0	ND	109		70-130			
Chloromethane	7 03	2 0	µg/L	10 0	ND	70 3		70-130			R-06
2-Chlorotoluene	10 7	1 0	µg/L	10 0	ND	107		70-130			
4-Chlorotoluene	11 8	1 0	µg/L	10 0	ND	118		70-130			
1,2-Dibromo-3-chloropropane (DBCP)	7 80	5 0	µg/L	10 0	ND	78 0		70-130			
1,2-Dibromoethane (EDB)	10 5	0 50	µg/L	10 0	ND	105		70-130			
Dibromomethane	11 2	1 0	µg/L	10 0	ND	112		70-130			
1,2-Dichlorobenzene	11 0	1 0	µg/L	10 0	ND	110		70-130			
1,3-Dichlorobenzene	11 1	1 0	µg/L	10 0	ND	111		70-130			
1,4-Dichlorobenzene	10 8	1 0	µg/L	10 0	ND	108		70-130			
trans-1,4-Dichloro-2-butene	9 53	2 0	µg/L	10 0	ND	95 3		70-130			
Dichlorodifluoromethane (Freon 12)	10 5	2 0	µg/L	10 0	ND	105		70-130			
1,1-Dichloroethane	11 1	1 0	µg/L	10 0	ND	111		70-130			
1,2-Dichloroethane	10 2	1 0	µg/L	10 0	ND	102		70-130			
1,1-Dichloroethylene	10 7	1 0	µg/L	10 0	ND	107		70-130			
cis-1,2-Dichloroethylene	11 2	1 0	µg/L	10 0	ND	112		70-130			
trans-1,2-Dichloroethylene	10 5	1 0	µg/L	10 0	ND	105		70-130			
1,2-Dichloropropane	11 6	1 0	µg/L	10 0	ND	116		70-130			
1,3-Dichloropropane	11 2	0 50	µg/L	10 0	ND	112		70-130			
2,2-Dichloropropane	8 48	1 0	µg/L	10 0	ND	84 8		70-130			
1,1-Dichloropropene	11 3	2 0	µg/L	10 0	ND	113		70-130			
cis-1,3-Dichloropropene	10 3	0 50	µg/L	10 0	ND	103		70-130			
trans-1,3-Dichloropropene	9 74	0 50	µg/L	10 0	ND	97 4		70-130			
Diethyl Ether	10 2	2 0	µg/L	10 0	ND	102		70-130			
Diisopropyl Ether (DIPE)	11 1	0 50	µg/L	10 0	ND	111		70-130			
1,4-Dioxane	95 4	50	µg/L	100	ND	95 4		70-130			
Ethylbenzene	12 5	1 0	µg/L	10 0	ND	125		70-130			
Hexachlorobutadiene	10 7	1 0	µg/L	10 0	ND	107		70-130			
2-Hexanone (MBK)	98 3	10	µg/L	100	ND	98 3		70-130			
Isopropylbenzene (Cumene)	12 2	1 0	µg/L	10 0	ND	122		70-130			
p-Isopropyltoluene (p-Cymene)	11 5	1 0	µg/L	10 0	ND	115		70-130			
Methyl Acetate	10 7	1 0	µg/L	10 0	ND	107		70-130			
Methyl tert-Butyl Ether (MTBE)	10 0	1 0	µg/L	10 0	ND	100		70-130			
Methyl Cyclohexane	11 8	1 0	µg/L	10 0	ND	118		70-130			
Methylene Chloride	10 8	5 0	µg/L	10 0	ND	108		70-130			
4-Methyl-2-pentanone (MIBK)	99 9	10	µg/L	100	ND	99 9		70-130			
Naphthalene	9 26	2 0	µg/L	10 0	ND	92 6		70-130			
n-Propylbenzene	12 6	1 0	µg/L	10 0	ND	126		70-130			
Styrene	12 1	1 0	µg/L	10 0	ND	121		70-130			
1,1,1,2-Tetrachloroethane	12 0	1 0	µg/L	10 0	ND	120		70-130			
1,1,2,2-Tetrachloroethane	10 1	0 50	µg/L	10 0	ND	101		70-130			
Tetrachloroethylene	12 9	1 0	µg/L	10 0	ND	129		70-130			

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39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

QUALITY CONTROL

Volatile Organic Compounds by GC/MS - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC		%REC Limits	RPD		RPD Limit	Notes
Batch B315025 - SW-846 5030B												
Matrix Spike (B315025-MS1)	**Source: 22H0592-01**			Prepared & Analyzed: 08/12/22								
Tetrahydrofuran	9 08	10	µg/L	10 0	ND	90 8		70-130				J
Toluene	11 2	1 0	µg/L	10 0	ND	112		70-130				
1,2,3-Trichlorobenzene	8 98	5 0	µg/L	10 0	ND	89 8		70-130				
1,2,4-Trichlorobenzene	10 3	1 0	µg/L	10 0	ND	103		70-130				
1,3,5-Trichlorobenzene	11 0	1 0	µg/L	10 0	ND	110		70-130				
1,1,1-Trichloroethane	11 5	1 0	µg/L	10 0	ND	115		70-130				
1,1,2-Trichloroethane	11 8	1 0	µg/L	10 0	ND	118		70-130				
Trichloroethylene	11 9	1 0	µg/L	10 0	ND	119		70-130				
Trichlorofluoromethane (Freon 11)	10 2	2 0	µg/L	10 0	ND	102		70-130				
1,2,3-Trichloropropane	10 3	2 0	µg/L	10 0	ND	103		70-130				
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	11 5	1 0	µg/L	10 0	ND	115		70-130				
1,2,4-Trimethylbenzene	11 5	1 0	µg/L	10 0	ND	115		70-130				
1,3,5-Trimethylbenzene	12 2	1 0	µg/L	10 0	ND	122		70-130				
Vinyl Chloride	35 2	2 0	µg/L	10 0	ND	**352**	*	70-130				L-02, MS-15, V-20
m+p Xylene	24 1	2 0	µg/L	20 0	ND	120		70-130				
o-Xylene	12 2	1 0	µg/L	10 0	ND	122		70-130				
Surrogate: 1,2-Dichloroethane-d4	*22.9*		µg/L	25 0		91 5		70-130				
Surrogate: Toluene-d8	*24.0*		µg/L	25 0		96 0		70-130				
Surrogate: 4-Bromofluorobenzene	*26.3*		µg/L	25 0		105		70-130				
Matrix Spike Dup (B315025-MSD1)	**Source: 22H0592-01**			Prepared & Analyzed: 08/12/22								
Acetone	79 0	50	µg/L	100	ND	79 0		70-130	3 37		30	
Acrylonitrile	7 94	5 0	µg/L	10 0	ND	79 4		70-130	1 14		30	R-05
tert-Amyl Methyl Ether (TAME)	9 52	0 50	µg/L	10 0	ND	95 2		70-130	1 25		30	
Benzene	10 1	1 0	µg/L	10 0	ND	101		70-130	3 13		30	
Bromobenzene	11 9	1 0	µg/L	10 0	ND	119		70-130	4 19		30	
Bromochloromethane	11 1	1 0	µg/L	10 0	ND	111		70-130	2 93		30	
Bromodichloromethane	10 6	0 50	µg/L	10 0	ND	106		70-130	1 72		30	
Bromoform	10 4	1 0	µg/L	10 0	ND	104		70-130	2 91		30	
Bromomethane	11 2	2 0	µg/L	10 0	ND	112		70-130	9 29		30	
2-Butanone (MEK)	85 5	20	µg/L	100	ND	85 5		70-130	1 85		30	
tert-Butyl Alcohol (TBA)	78 8	20	µg/L	100	ND	78 8		70-130	1 66		30	
n-Butylbenzene	10 8	1 0	µg/L	10 0	ND	108		70-130	1 01		30	
sec-Butylbenzene	11 0	1 0	µg/L	10 0	ND	110		70-130	2 17		30	
tert-Butylbenzene	11 4	1 0	µg/L	10 0	ND	114		70-130	4 12		30	
tert-Butyl Ethyl Ether (TBEE)	10 3	0 50	µg/L	10 0	ND	103		70-130	1 07		30	
Carbon Disulfide	144	5 0	µg/L	100	ND	**144**	*	70-130	1 22		30	MS-15, V-20
Carbon Tetrachloride	11 2	5 0	µg/L	10 0	ND	112		70-130	1 85		30	
Chlorobenzene	11 6	1 0	µg/L	10 0	ND	116		70-130	1 88		30	
Chlorodibromomethane	10 7	0 50	µg/L	10 0	ND	107		70-130	2 22		30	
Chloroethane	12 0	2 0	µg/L	10 0	ND	120		70-130	1 16		30	
Chloroform	10 6	2 0	µg/L	10 0	ND	106		70-130	3 35		30	
Chloromethane	10 7	2 0	µg/L	10 0	ND	107		70-130	**41.1**	*	30	R-06
2-Chlorotoluene	11 0	1 0	µg/L	10 0	ND	110		70-130	2 21		30	
4-Chlorotoluene	11 7	1 0	µg/L	10 0	ND	117		70-130	0 595		30	
1,2-Dibromo-3-chloropropane (DBCP)	7 53	5 0	µg/L	10 0	ND	75 3		70-130	3 52		30	
1,2-Dibromoethane (EDB)	10 8	0 50	µg/L	10 0	ND	108		70-130	2 34		30	
Dibromomethane	11 3	1 0	µg/L	10 0	ND	113		70-130	1 07		30	
1,2-Dichlorobenzene	11 0	1 0	µg/L	10 0	ND	110		70-130	0 456		30	
1,3-Dichlorobenzene	11 0	1 0	µg/L	10 0	ND	110		70-130	1 27		30	
1,4-Dichlorobenzene	10 8	1 0	µg/L	10 0	ND	108		70-130	0 278		30	

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QUALITY CONTROL

Volatile Organic Compounds by GC/MS - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC		%REC Limits	RPD	RPD Limit	Notes
Batch B315025 - SW-846 5030B											
Matrix Spike Dup (B315025-MSD1)	**Source: 22H0592-01**			Prepared & Analyzed: 08/12/22							
trans-1,4-Dichloro-2-butene	9 78	2 0	µg/L	10 0	ND	97 8		70-130	2 59	30	
Dichlorodifluoromethane (Freon 12)	10 5	2 0	µg/L	10 0	ND	105		70-130	0 0956	30	
1,1-Dichloroethane	10 9	1 0	µg/L	10 0	ND	109		70-130	1 82	30	
1,2-Dichloroethane	10 2	1 0	µg/L	10 0	ND	102		70-130	0 294	30	
1,1-Dichloroethylene	10 4	1 0	µg/L	10 0	ND	104		70-130	2 74	30	
cis-1,2-Dichloroethylene	10 9	1 0	µg/L	10 0	ND	109		70-130	2 71	30	
trans-1,2-Dichloroethylene	10 5	1 0	µg/L	10 0	ND	105		70-130	0 0954	30	
1,2-Dichloropropane	11 4	1 0	µg/L	10 0	ND	114		70-130	1 66	30	
1,3-Dichloropropane	11 0	0 50	µg/L	10 0	ND	110		70-130	1 98	30	
2,2-Dichloropropane	8 40	1 0	µg/L	10 0	ND	84 0		70-130	0 948	30	
1,1-Dichloropropene	11 1	2 0	µg/L	10 0	ND	111		70-130	1 52	30	
cis-1,3-Dichloropropene	10 2	0 50	µg/L	10 0	ND	102		70-130	0 978	30	
trans-1,3-Dichloropropene	9 56	0 50	µg/L	10 0	ND	95 6		70-130	1 87	30	
Diethyl Ether	10 3	2 0	µg/L	10 0	ND	103		70-130	0 881	30	
Diisopropyl Ether (DIPE)	10 8	0 50	µg/L	10 0	ND	108		70-130	2 82	30	
1,4-Dioxane	91 3	50	µg/L	100	ND	91 3		70-130	4 44	30	
Ethylbenzene	12 0	1 0	µg/L	10 0	ND	120		70-130	4 00	30	
Hexachlorobutadiene	11 2	1 0	µg/L	10 0	ND	112		70-130	4 66	30	
2-Hexanone (MBK)	94 6	10	µg/L	100	ND	94 6		70-130	3 89	30	
Isopropylbenzene (Cumene)	11 9	1 0	µg/L	10 0	ND	119		70-130	2 33	30	
p-Isopropyltoluene (p-Cymene)	11 2	1 0	µg/L	10 0	ND	112		70-130	2 29	30	
Methyl Acetate	9 00	1 0	µg/L	10 0	ND	90 0		70-130	17 0	30	
Methyl tert-Butyl Ether (MTBE)	9 70	1 0	µg/L	10 0	ND	97 0		70-130	3 54	30	
Methyl Cyclohexane	11 8	1 0	µg/L	10 0	ND	118		70-130	0 425	30	
Methylene Chloride	10 5	5 0	µg/L	10 0	ND	105		70-130	3 09	30	
4-Methyl-2-pentanone (MIBK)	96 9	10	µg/L	100	ND	96 9		70-130	3 02	30	
Naphthalene	9 66	2 0	µg/L	10 0	ND	96 6		70-130	4 23	30	
n-Propylbenzene	12 1	1 0	µg/L	10 0	ND	121		70-130	4 38	30	
Styrene	11 8	1 0	µg/L	10 0	ND	118		70-130	3 09	30	
1,1,1,2-Tetrachloroethane	11 7	1 0	µg/L	10 0	ND	117		70-130	3 04	30	
1,1,2,2-Tetrachloroethane	10 6	0 50	µg/L	10 0	ND	106		70-130	4 35	30	
Tetrachloroethylene	12 8	1 0	µg/L	10 0	ND	128		70-130	0 778	30	
Tetrahydrofuran	9 35	10	µg/L	10 0	ND	93 5		70-130	2 93	30	J
Toluene	11 2	1 0	µg/L	10 0	ND	112		70-130	0 537	30	
1,2,3-Trichlorobenzene	10 2	5 0	µg/L	10 0	ND	102		70-130	12 2	30	
1,2,4-Trichlorobenzene	10 9	1 0	µg/L	10 0	ND	109		70-130	5 67	30	
1,3,5-Trichlorobenzene	11 0	1 0	µg/L	10 0	ND	110		70-130	0 364	30	
1,1,1-Trichloroethane	10 7	1 0	µg/L	10 0	ND	107		70-130	6 77	30	
1,1,2-Trichloroethane	11 2	1 0	µg/L	10 0	ND	112		70-130	4 96	30	
Trichloroethylene	11 4	1 0	µg/L	10 0	ND	114		70-130	4 03	30	
Trichlorofluoromethane (Freon 11)	10 3	2 0	µg/L	10 0	ND	103		70-130	1 07	30	
1,2,3-Trichloropropane	9 95	2 0	µg/L	10 0	ND	99 5		70-130	3 55	30	
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	11 7	1 0	µg/L	10 0	ND	117		70-130	1 72	30	
1,2,4-Trimethylbenzene	10 7	1 0	µg/L	10 0	ND	107		70-130	7 04	30	
1,3,5-Trimethylbenzene	11 6	1 0	µg/L	10 0	ND	116		70-130	4 20	30	
Vinyl Chloride	33 5	2 0	µg/L	10 0	ND	**335**	*	70-130	5 01	30	L-02, MS-15, V-20
m+p Xylene	23 5	2 0	µg/L	20 0	ND	118		70-130	2 31	20	
o-Xylene	11 8	1 0	µg/L	10 0	ND	118		70-130	3 18	30	
Surrogate: 1,2-Dichloroethane-d4	*22.8*		µg/L	25 0		91 0		70-130			
Surrogate: Toluene-d8	*24.2*		µg/L	25 0		96 6		70-130			
Surrogate: 4-Bromofluorobenzene	*26.4*		µg/L	25 0		105		70-130			

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QUALITY CONTROL

Volatile Organic Compounds by GC/MS - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes

Batch B315025 - SW-846 5030B

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FLAG/QUALIFIER SUMMARY

*	QC result is outside of established limits
†	Wide recovery limits established for difficult compound
‡	Wide RPD limits established for difficult compound
#	Data exceeded client recommended or regulatory level
ND	Not Detected
RL	Reporting Limit is at the level of quantitation (LOQ)
DL	Detection Limit is the lower limit of detection determined by the MDL study
MCL	Maximum Contaminant Level
	Percent recoveries and relative percent differences (RPDs) are determined by the software using values in the calculation which have not been rounded
	No results have been blank subtracted unless specified in the case narrative section
J	Detected but below the Reporting Limit (lowest calibration standard); therefore, result is an estimated concentration (CLP J-Flag)
L-02	Laboratory fortified blank/laboratory control sample recovery and duplicate recoveries outside of control limits Data validation is not affected since all results are "not detected" for associated samples in this batch and bias is on the high side
L-07	Either laboratory fortified blank/laboratory control sample or duplicate recovery is outside of control limits, but the other is within limits RPD between the two LFB/LCS results is within method specified criteria
L-07A	Either laboratory fortified blank/laboratory control sample or duplicate recovery is outside of control limits, but the other is within limits RPD outside of control limits Reduced precision anticipated for any reported result for this compound
MS-15	Matrix spike and matrix spike duplicate recoveries are outside of control limits Data validation is not affected since results for this compound in this sample are "not detected", and recovery bias is on the high side
R-05	Laboratory fortified blank duplicate RPD is outside of control limits Reduced precision is anticipated for any reported value for this compound
R-06	Matrix spike duplicate RPD is outside of control limits Reduced precision is anticipated for reported result for this compound in this sample
RL-11	Elevated reporting limit due to high concentration of target compounds
V-20	Continuing calibration verification (CCV) did not meet method specifications and was biased on the high side Data validation is not affected since sample result was "not detected" for this compound

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CERTIFICATIONS

Certified Analyses included in this Report

Analyte	Certifications
SW-846 8260D in Water	
Acetone	CT,ME,NH,VA,NY
Acrylonitrile	CT,ME,NH,VA,NY
tert-Amyl Methyl Ether (TAME)	ME,NH,VA,NY
Benzene	CT,ME,NH,VA,NY
Bromobenzene	ME,NY
Bromochloromethane	ME,NH,VA,NY
Bromodichloromethane	CT,ME,NH,VA,NY
Bromoform	CT,ME,NH,VA,NY
Bromomethane	CT,ME,NH,VA,NY
2-Butanone (MEK)	CT,ME,NH,VA,NY
tert-Butyl Alcohol (TBA)	ME,NH,VA,NY
n-Butylbenzene	ME,VA,NY
sec-Butylbenzene	ME,VA,NY
tert-Butylbenzene	ME,VA,NY
tert-Butyl Ethyl Ether (TBEE)	ME,NH,VA,NY
Carbon Disulfide	CT,ME,NH,VA,NY
Carbon Tetrachloride	CT,ME,NH,VA,NY
Chlorobenzene	CT,ME,NH,VA,NY
Chlorodibromomethane	CT,ME,NH,VA,NY
Chloroethane	CT,ME,NH,VA,NY
Chloroform	CT,ME,NH,VA,NY
Chloromethane	CT,ME,NH,VA,NY
2-Chlorotoluene	ME,NH,VA,NY
4-Chlorotoluene	ME,NH,VA,NY
1,2-Dibromo-3-chloropropane (DBCP)	ME,NY
1,2-Dibromoethane (EDB)	ME,NY
Dibromomethane	ME,NH,VA,NY
1,2-Dichlorobenzene	CT,ME,NH,VA,NY
1,3-Dichlorobenzene	CT,ME,NH,VA,NY
1,4-Dichlorobenzene	CT,ME,NH,VA,NY
trans-1,4-Dichloro-2-butene	ME,NH,VA,NY
Dichlorodifluoromethane (Freon 12)	ME,NH,VA,NY
1,1-Dichloroethane	CT,ME,NH,VA,NY
1,2-Dichloroethane	CT,ME,NH,VA,NY
1,1-Dichloroethylene	CT,ME,NH,VA,NY
cis-1,2-Dichloroethylene	ME,NY
trans-1,2-Dichloroethylene	CT,ME,NH,VA,NY
1,2-Dichloropropane	CT,ME,NH,VA,NY
1,3-Dichloropropane	ME,VA,NY
2,2-Dichloropropane	ME,NH,VA,NY
1,1-Dichloropropene	ME,NH,VA,NY
cis-1,3-Dichloropropene	CT,ME,NH,VA,NY
trans-1,3-Dichloropropene	CT,ME,NH,VA,NY
Diethyl Ether	ME,NY
Diisopropyl Ether (DIPE)	ME,NH,VA,NY
1,4-Dioxane	ME,NY
Ethylbenzene	CT,ME,NH,VA,NY

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CERTIFICATIONS

Certified Analyses included in this Report

Analyte	Certifications
SW-846 8260D in Water	
Hexachlorobutadiene	CT,ME,NH,VA,NY
2-Hexanone (MBK)	CT,ME,NH,VA,NY
Isopropylbenzene (Cumene)	ME,VA,NY
p-Isopropyltoluene (p-Cymene)	CT,ME,NH,VA,NY
Methyl Acetate	ME,NY
Methyl tert-Butyl Ether (MTBE)	CT,ME,NH,VA,NY
Methyl Cyclohexane	NY
Methylene Chloride	CT,ME,NH,VA,NY
4-Methyl-2-pentanone (MIBK)	CT,ME,NH,VA,NY
Naphthalene	ME,NH,VA,NY
n-Propylbenzene	CT,ME,NH,VA,NY
Styrene	CT,ME,NH,VA,NY
1,1,1,2-Tetrachloroethane	CT,ME,NH,VA,NY
1,1,2,2-Tetrachloroethane	CT,ME,NH,VA,NY
Tetrachloroethylene	CT,ME,NH,VA,NY
Toluene	CT,ME,NH,VA,NY
1,2,3-Trichlorobenzene	ME,NH,VA,NY
1,2,4-Trichlorobenzene	CT,ME,NH,VA,NY
1,3,5-Trichlorobenzene	ME
1,1,1-Trichloroethane	CT,ME,NH,VA,NY
1,1,2-Trichloroethane	CT,ME,NH,VA,NY
Trichloroethylene	CT,ME,NH,VA,NY
Trichlorofluoromethane (Freon 11)	CT,ME,NH,VA,NY
1,2,3-Trichloropropane	ME,NH,VA,NY
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	VA,NY
1,2,4-Trimethylbenzene	ME,VA,NY
1,3,5-Trimethylbenzene	ME,VA,NY
Vinyl Chloride	CT,ME,NH,VA,NY
m+p Xylene	CT,ME,NH,VA,NY
o-Xylene	CT,ME,NH,VA,NY

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Con-Test, a Pace Environmental Laboratory, operates under the following certifications and accreditations:

Code	Description	Number	Expires
AIHA	AIHA-LAP, LLC - ISO 17025:2017	100033	03/1/2024
MA	Massachusetts DEP	M-MA100	06/30/2023
CT	Connecticut Department of Public Health	PH-0165	12/31/2022
NY	New York State Department of Health	10899 NELAP	04/1/2023
NH	New Hampshire Environmental Lab	2516 NELAP	02/5/2023
RI	Rhode Island Department of Health	LAO00373	12/30/2022
NC	North Carolina Div of Water Quality	652	12/31/2022
NJ	New Jersey DEP	MA007 NELAP	06/30/2023
FL	Florida Department of Health	E871027 NELAP	06/30/2023
VT	Vermont Department of Health Lead Laboratory	LL720741	07/30/2023
VT-DW	Vermont Department of Health Drinking Water	VT-255716	06/12/2023
ME	State of Maine	MA00100	06/9/2023
VA	Commonwealth of Virginia	460217	12/14/2022
NH-P	New Hampshire Environmental Lab	2557 NELAP	09/6/2022
NC-DW	North Carolina Department of Health and Human Services	25703	07/31/2023
PA	Commonwealth of Pennsylvania DEP	68-05812	06/30/2023
MI	Dept of Env, Great Lakes, and Energy	9100	09/6/2022

CHAIN-OF-CUSTODY Analytical Request Document

Pace Analytical®

Submitting a sample via this chain of custody constitutes acknowledgment and acceptance of the Pace Terms and Conditions found at: https://info.pacelabs.com/hubfs/pas-standard-terms.pdf
Chain-of-Custody is a LEGAL DOCUMENT - Complete all relevant fields

LAB USE ONLY- Affix Workorder/Login Label Here or List Pace Workorder Number or MTJL Log-in Number Here

2210592

ALL BOLD OUTLINED AREAS are for LAB USE ONLY

Company: EA engineering	Billing Information: 166250C6/0004
Address: 269 W Jefferson, Syracuse NY	
Report To: Chris Sanson csanson@eaest.com	Email To: csanson@eaest.com
Copy To:	Site Collection Info/Address: 197 Main Ave
Customer Project Name/Number: Roxy Cleaners EA# 166250C6	State: NY County/City: Wyantskill Time Zone Collected: [ ]PT [ ]MT [ ]CT [X]ET
Phone: 315 225 7988 Email: csanson@eaest.com	Site/Facility ID #: NYSDEC #442024 Compliance Monitoring? [ ] Yes [X] No
Collected By (print): Morgan Gilkey	Purchase Order # : Quote #: DW PWS ID #: DW Location Code:
Collected By (signature): Morgan Gilkey	Turnaround Date Required: Standard Immediately Packed on Ice: [X] Yes [ ] No
Sample Disposal: [X] Dispose as appropriate [ ] Return [ ] Archive: [ ] Hold:	Rush: (Expedite Charges Apply) [ ] Same Day [ ] Next Day [ ] 2 Day [ ] 3 Day [ ] 4 Day [ ] 5 Day Field Filtered (if applicable): [ ] Yes [X] No Analysis:

* Matrix Codes (insert in Matrix box below): Drinking Water (DW), Ground Water (GW), Wastewater (WW), Product (P), Soil/Solid (SL), Oil (OL), Wipe (WP), Air (AR), Tissue (TS), Bioassay (B), Vapor (V), Other (OT)

Customer Sample ID	Matrix *	Comp / Grab	Collected (or Composite Start) Date	Collected (or Composite Start) Time	Composite End Date	Composite End Time	Res Cl	# of Ctns	Container Type: Plastic (P) or Glass (G)	Analyses: VOCs - 8260C	Lab Sample # / Comments
442024-MW-113A	GW	Grab	08/09/22	0921				6	G	X	1
442024-MW-115A	GW	Grab	08/09/22	1024				2	G	X	2
442024-MW-114A	GW	Grab	08/09/22	1210				2	G	X	3
442024-MW-106A	GW	Grab	08/09/22	1230				2	G	X	4
442024-MW-111	GW	Grab	08/09/22	1414				2	G	X	5
442024-TW-07	GW	Grab	08/09/22	1430				2	G	X	6
442024-TW-06	GW	Grab	08/09/22	1321				2	G	X	7
442024-TW-09	GW	Grab	08/09/22	1502				2	G	X	8
442024-TW-08	GW	Grab	08/09/22	1540				2	G	X	9
442024-TW-10	GW	Grab	08/09/22	1616				2	G	X	10

Container Preservative Type **: 5

** Preservative Types: (1) nitric acid, (2) sulfuric acid, (3) hydrochloric acid, (4) sodium hydroxide, (5) zinc acetate, (6) methanol, (7) sodium bisulfate, (8) sodium thiosulfate, (9) hexane, (A) ascorbic acid, (B) ammonium sulfate, (C) ammonium hydroxide, (D) TSP, (U) Unpreserved, (O) Other

Lab Project Manager:

Lab Profile/Line:

Lab Sample Receipt Checklist:			
Custody Seals Present/Intact	Y	N	NA
Custody Signatures Present	Y	N	NA
Collector Signature Present	Y	N	NA
Bottles Intact	Y	N	NA
Correct Bottles	Y	N	NA
Sufficient Volume	Y	N	NA
Samples Received on Ice	Y	N	NA
VOA - Headspace Acceptable	Y	N	NA
USDA Regulated Soils	Y	N	NA
Samples in Holding Time	Y	N	NA
Residual Chlorine Present	Y	N	NA
Cl Strips:			
Sample pH Acceptable	Y	N	NA
pH Strips:			
Sulfide Present	Y	N	NA
Lead Acetate Strips:			

LAB USE ONLY:
Lab Sample # / Comments:

Customer Remarks / Special Conditions / Possible Hazards:
442024-MW-113A has extra volume for MS/MSD

Type of Ice Used: Wet Blue Dry None

Packing Material Used:

Radchem sample(s) screened (<500 cpm): Y N NA

SHORT HOLDS PRESENT (<72 hours): Y N N/A

Lab Tracking #:

Samples received via: FEDEX UPS Client Courier Pace Courier

LAB Sample Temperature Info:
Temp Blank Received: Y N NA
Therm ID#:
Cooler 1 Temp Upon Receipt: ___oC
Cooler 1 Therm Corr. Factor: ___oC
Cooler 1 Corrected Temp: ___oC
Comments:

Relinquished by/Company: (Signature) Morgan Gilkey (EA)	Date/Time: 08/10/22 0950	Received by/Company: (Signature)	Date/Time: 8/10 0950
Relinquished by/Company: (Signature)	Date/Time: 8.10 1700	Received by/Company: (Signature) 3.8	Date/Time: 8/11 936
Relinquished by/Company: (Signature)	Date/Time:	Received by/Company: (Signature)	Date/Time:

MTJL LAB USE ONLY
Table #:
Acctnum:
Template:
Prelogin:
PM:
PB:

Trip Blank Received: Y N NA
HCL MeOH TSP Other

Non Conformance(s): YES / NO

Page: ___ of: ___

Table of Contents

CHAIN-OF-CUSTODY Analytical Request Document

Pace Analytical®

Submitting a sample via this chain of custody constitutes acknowledgment and acceptance of the Pace Terms and Conditions found at: https://info.pacelabs.com/hubfs/pas-standard-terms.pdf

Chain-of-Custody is a LEGAL DOCUMENT - Complete all relevant fields

LAB USE ONLY- Affix Workorder/Login Label Here or List Pace Workorder Number or MTJL Log-In Number Here

22H0553

ALL BOLD OUTLINED AREAS are for LAB USE ONLY

Company: EA Engineering	Billing Information:
Address: 269 W Jefferson ST Syracuse	
Report To: Chris Sanson	Email To: csanson@eaest.com
Copy To:	Site Collection Info/Address: 197 Main Ave Wynantskill
Customer Project Name/Number: Roxy Cleaners EA#16025016	State: NY County/City: Rensselaer Time Zone Collected: [ ]PT [ ]MT [ ]CT [X]ET
Phone: 315 225 7988 Email: Csanson@eaestl.com	Site/Facility ID #: NYSDEC# 442024 Compliance Monitoring? [ ] Yes [N] No
Collected By (print): Monah Gulley	Purchase Order # : Quote #: DW PWS ID #: DW Location Code:
Collected By (signature): Monah Gulley	Turnaround Date Required: Standard Immediately Packed on Ice: [X] Yes [ ] No
Sample Disposal: [N] Dispose as appropriate [ ] Return [ ] Archive: ____ [ ] Hold: ____	Rush: (Expedite Charges Apply) [ ] Same Day [ ] Next Day [ ] 2 Day [ ] 3 Day [ ] 4 Day [ ] 5 Day Field Filtered (if applicable): [ ] Yes [X] No Analysis: ____

* Matrix Codes (Insert in Matrix box below): Drinking Water (DW), Ground Water (GW), Wastewater (WW), Product (P), Soil/Solid (SL), Oil (OL), Wipe (WP), Air (AR), Tissue (TS), Bioassay (B), Vapor (V), Other (OT)

Customer Sample ID	Matrix *	Comp / Grab	Collected (or Composite Start) Date	Collected (or Composite Start) Time	Composite End Date	Composite End Time	Res Cl	# of Ctns	Container Type: Plastic (P) or Glass (G)	Analyses: VOC 8260 Soil
442024-FD-080922022	GW	Grab	08/09/22					2	G	X
442024-FB-08092022	~~GW~~ OT		08/09/22	1642				2	G	X
442024-TB-08092022			lab filled					2	G	X

Lab Profile/Line:	
Lab Sample Receipt Checklist:	
Custody Seals Present/Intact	Y N NA
Custody Signatures Present	Y N NA
Collector Signature Present	Y N NA
Bottles Intact	Y N NA
Correct Bottles	Y N NA
Sufficient Volume	Y N NA
Samples Received on Ice	Y N NA
VOA - Headspace Acceptable	Y N NA
USDA Regulated Soils	Y N NA
Samples in Holding Time	Y N NA
Residual Chlorine Present	Y N NA
Cl Strips: ____	
Sample pH Acceptable	Y N NA
pH Strips: ____	
Sulfide Present	Y N NA
Lead Acetate Strips: ____	
LAB USE ONLY:	
Lab Sample # / Comments:	
11	
12	
13	

Container Preservative Type **: 3

** Preservative Types: (1) nitric acid, (2) sulfuric acid, (3) hydrochloric acid, (4) sodium hydroxide, (5) zinc acetate, (6) methanol, (7) sodium bisulfate, (8) sodium thiosulfate, (9) hexane, (A) ascorbic acid, (B) ammonium sulfate, (C) ammonium hydroxide, (D) TSP, (U) Unpreserved, (O) Other ____

Lab Project Manager:

Customer Remarks / Special Conditions / Possible Hazards:
442024-FB is a field blank of DI water

Type of Ice Used: Wet Blue Dry None	SHORT HOLDS PRESENT (<72 hours): Y N N/A
Packing Material Used:	Lab Tracking #:
Radchem sample(s) screened (<500 cpm): Y N NA	Samples received via: FEDEX UPS Client Courier Pace Courier

LAB Sample Temperature Info:
Temp Blank Received: Y N NA
Therm ID#:
Cooler 1 Temp Upon Receipt: ___ oC
Cooler 1 Therm Corr. Factor: ___ oC
Cooler 1 Corrected Temp: ___ oC
Comments:

Relinquished by/Company: (Signature) Monah Sullivan (EA)	Date/Time: 08/10/22 0950	Received by/Company: (Signature)	Date/Time: 8.10 0950
Relinquished by/Company: (Signature)	Date/Time: 8.10 1700	Received by/Company: (Signature) 3.8	Date/Time: 8.11 930
Relinquished by/Company: (Signature)	Date/Time:	Received by/Company: (Signature)	Date/Time:

MTJL LAB USE ONLY
Table #:
Acctnum:
Template:
Prelogin:
PM:
PB:

Trip Blank Received: Y N NA
HCL MeOH TSP Other

Non Conformance(s): YES / NO

Page: ____ of: ____

Table of Contents

FedEx® Tracking

DELIVERED

Thursday

8/11/2022 at 9:36 am

Signed for by: R.PETRAITIS

Obtain Proof of delivery

DELIVERY STATUS

Delivered

Get Status Updates

TRACKING ID

777627716571

FROM
East Syracuse, NY US

Label Created
8/10/2022 14:17

PACKAGE RECEIVED BY FEDEX
NORTH SYRACUSE, NY
8/10/2022 15:50

IN TRANSIT
WINDSOR LOCKS, CT
8/11/2022 06:59

OUT FOR DELIVERY
WINDSOR LOCKS, CT
8/11/2022 07:06

DELIVERED
EAST LONGMEADOW, MA US

DELIVERED
8/11/2022 at 9:36 AM

View travel history

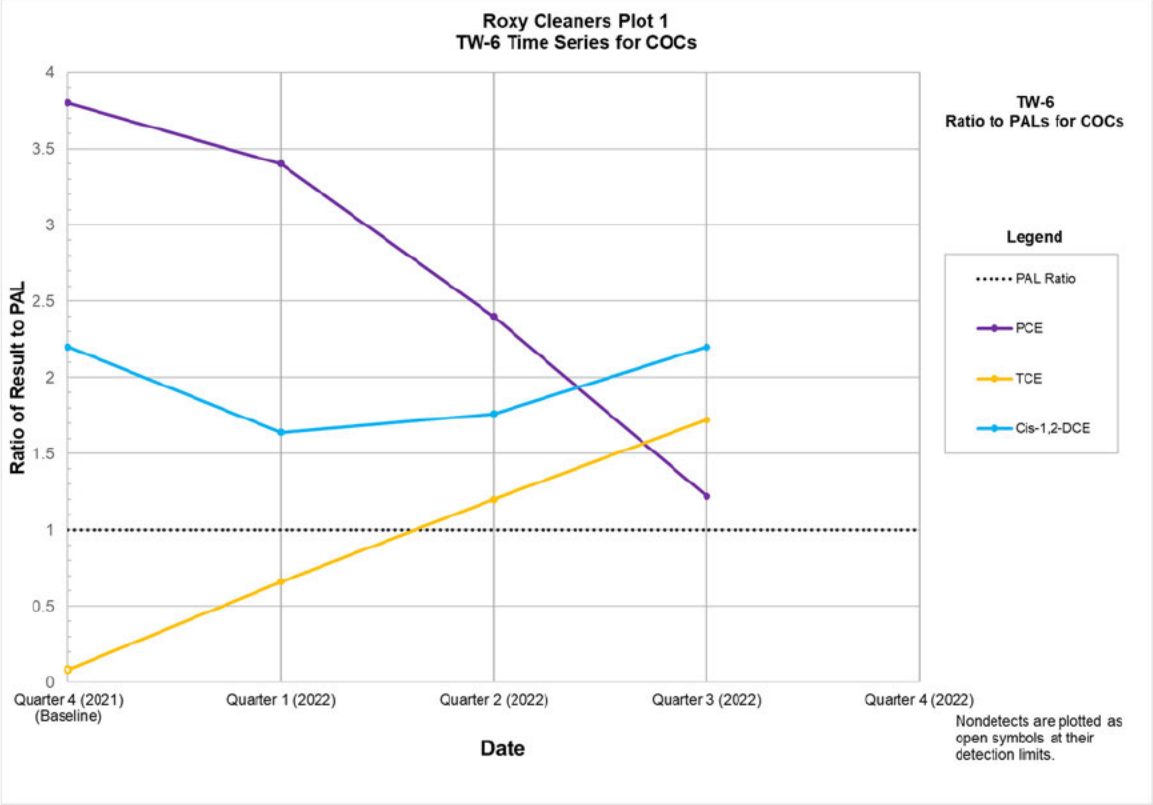
Manage Delivery

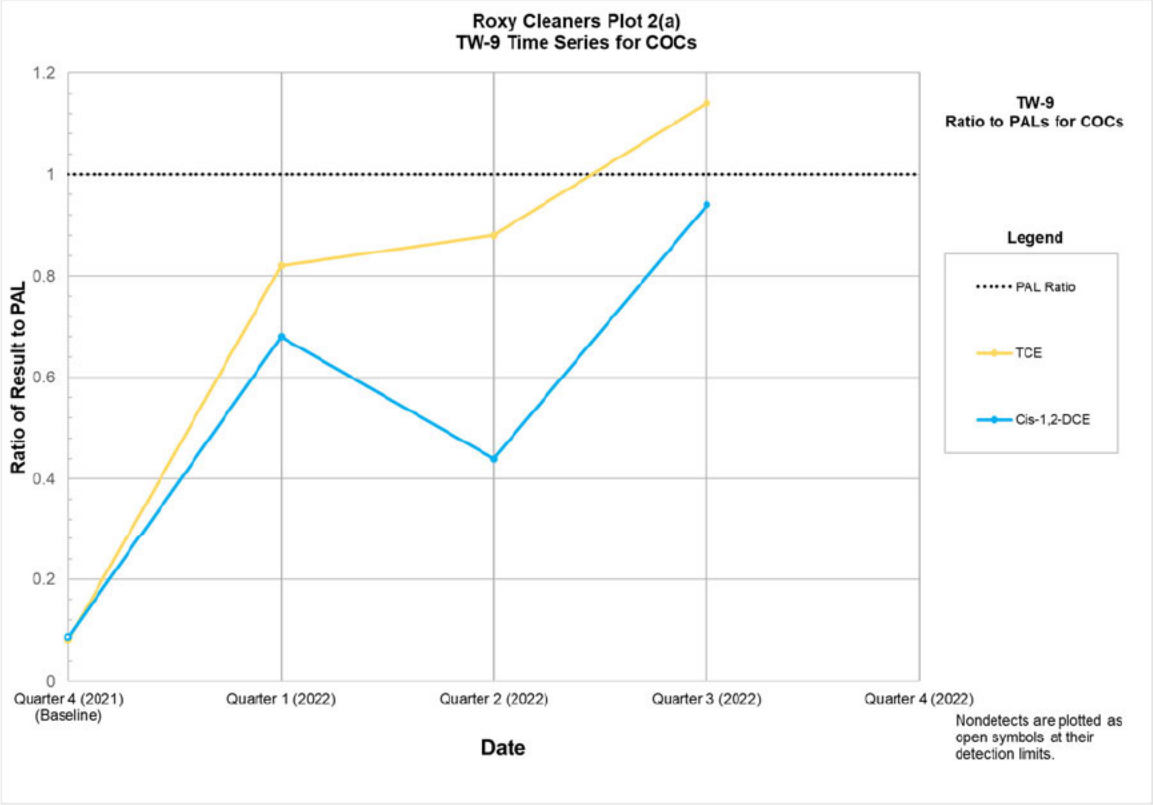
Shipment facts

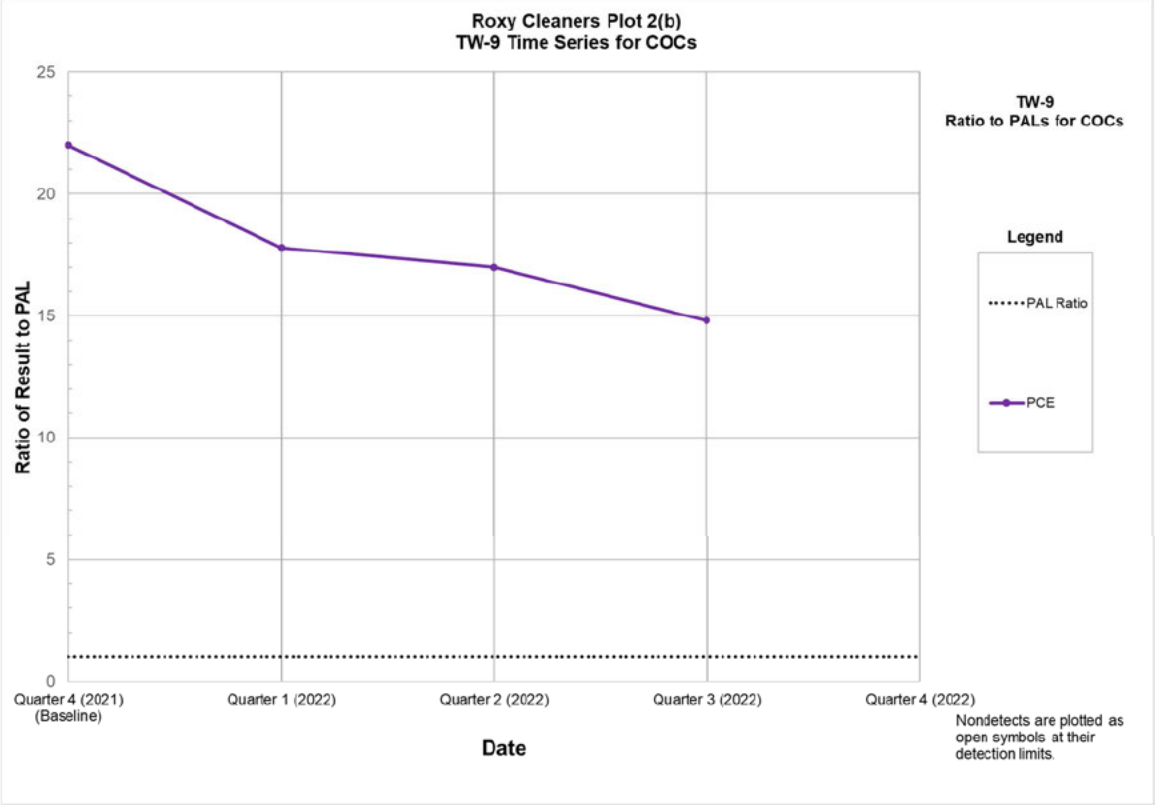
Appendix E

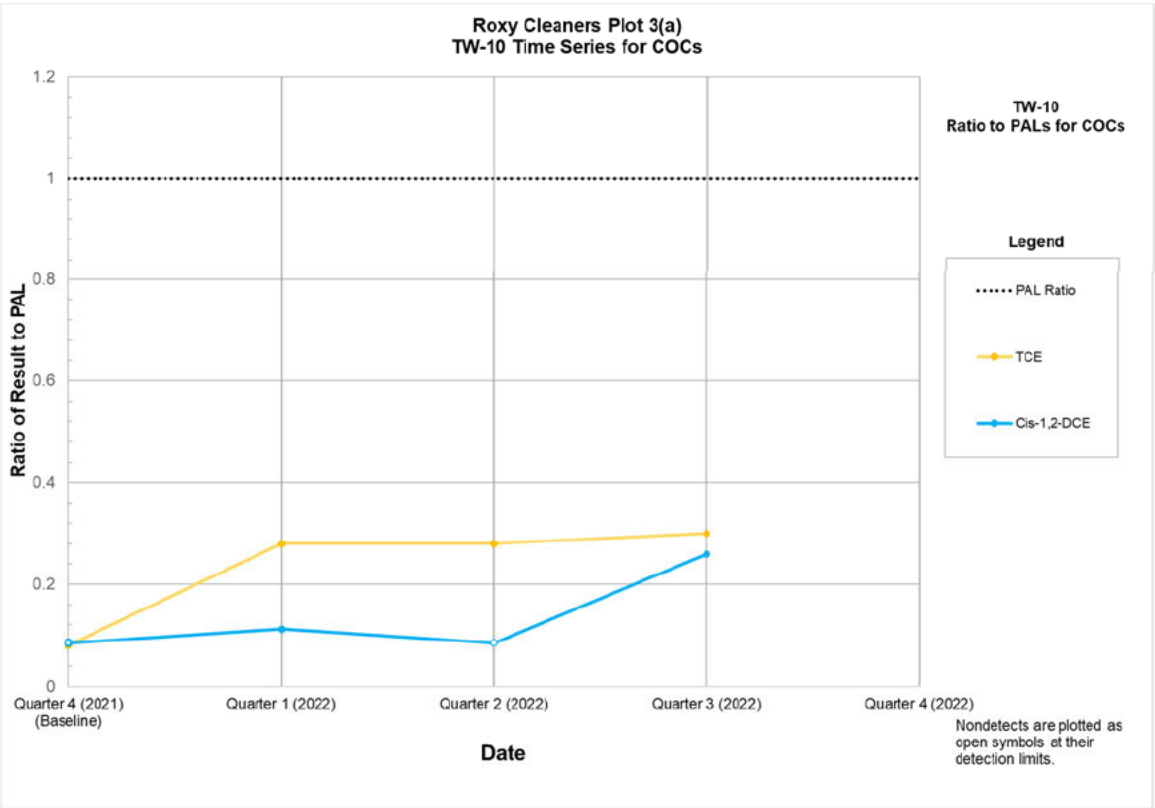
Groundwater Time Series Plot

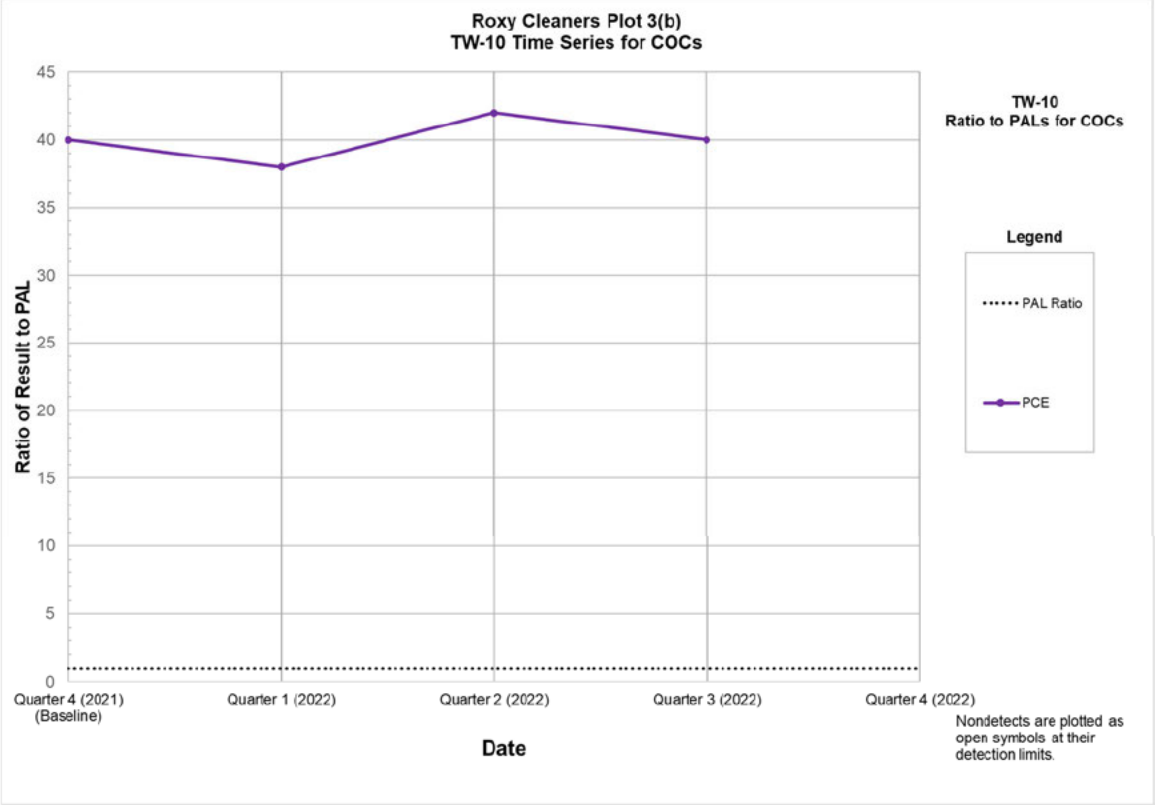
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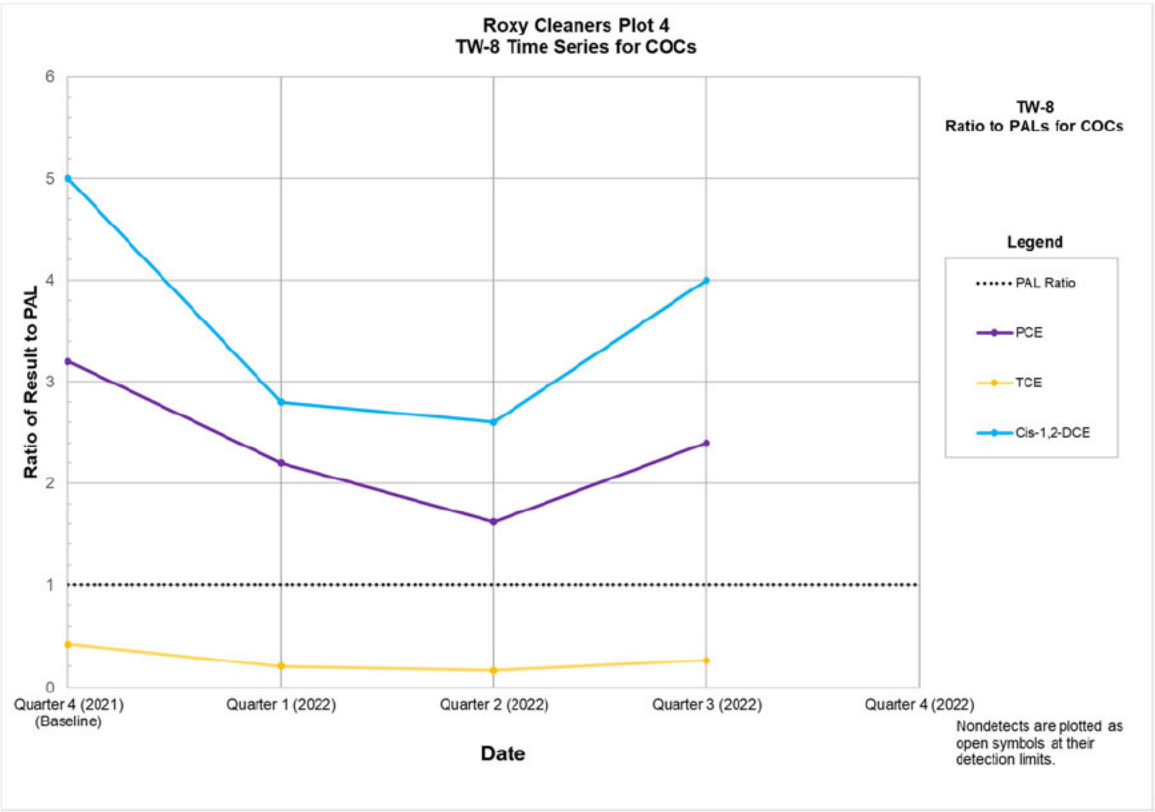

Roxy Cleaners Plot 1
TW-6 Time Series for COCs
Ratio of Result to PAL
4
3.5
3
2.5
2
1.5
1
0.5
0
Quarter 4 (2021) (Baseline)
Quarter 1 (2022)
Quarter 2 (2022)
Quarter 3 (2022)
Quarter 4 (2022)
Date
TW-6
Ratio to PALs for COCs
Legend
PAL Ratio
PCE
TCE
Cis-1,2-DCE
Nondetects are plotted as open symbols at their detection limits.

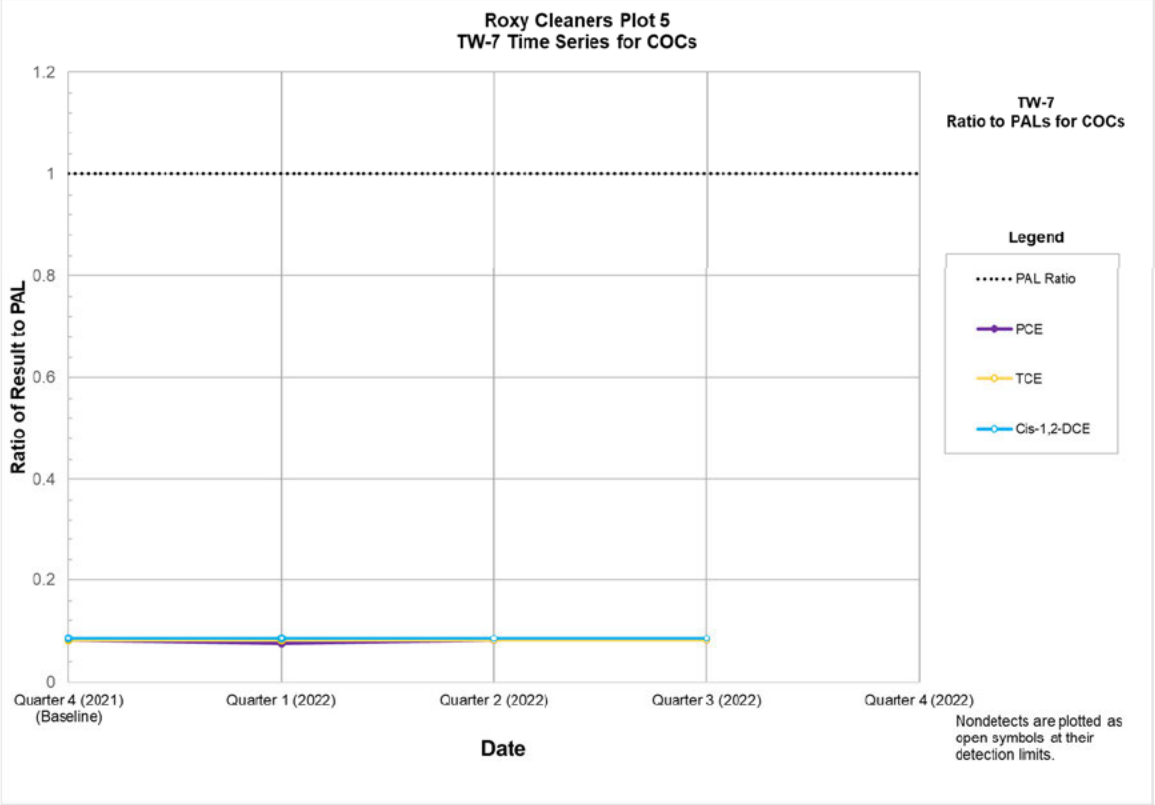

Roxy Cleaners Plot 2(a)
TW-9 Time Series for COCs
Ratio of Result to PAL
1.2
1
0.8
0.6
0.4
0.2
0
Quarter 4 (2021) (Baseline)
Quarter 1 (2022)
Quarter 2 (2022)
Quarter 3 (2022)
Quarter 4 (2022)
Date
TW-9
Ratio to PALs for COCs
Legend
PAL Ratio
TCE
Cis-1,2-DCE
Nondetects are plotted as open symbols at their detection limits.

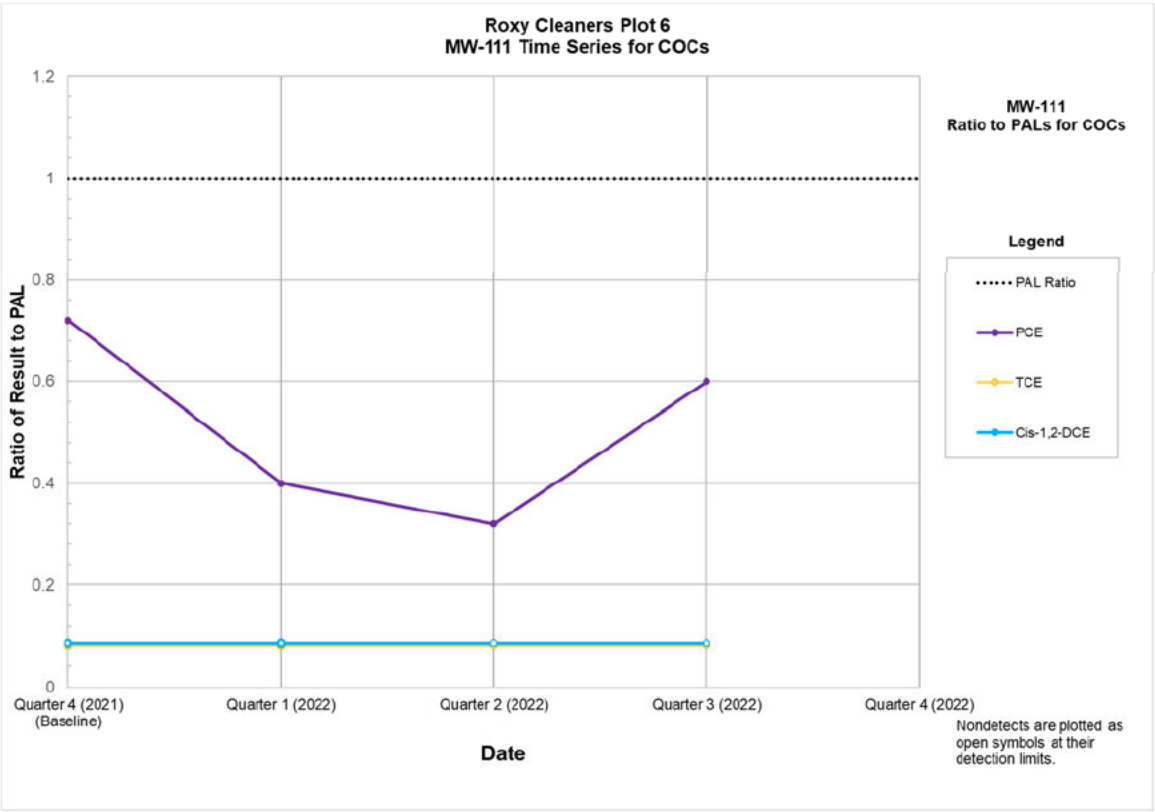

Roxy Cleaners Plot 2(b)
TW-9 Time Series for COCs
25
20
15
10
5
0
Ratio of Result to PAL
Quarter 4 (2021) (Baseline)
Quarter 1 (2022)
Quarter 2 (2022)
Quarter 3 (2022)
Quarter 4 (2022)
Date
TW-9
Ratio to PALs for COCs
Legend
PAL Ratio
PCE
Nondetects are plotted as open symbols at their detection limits.

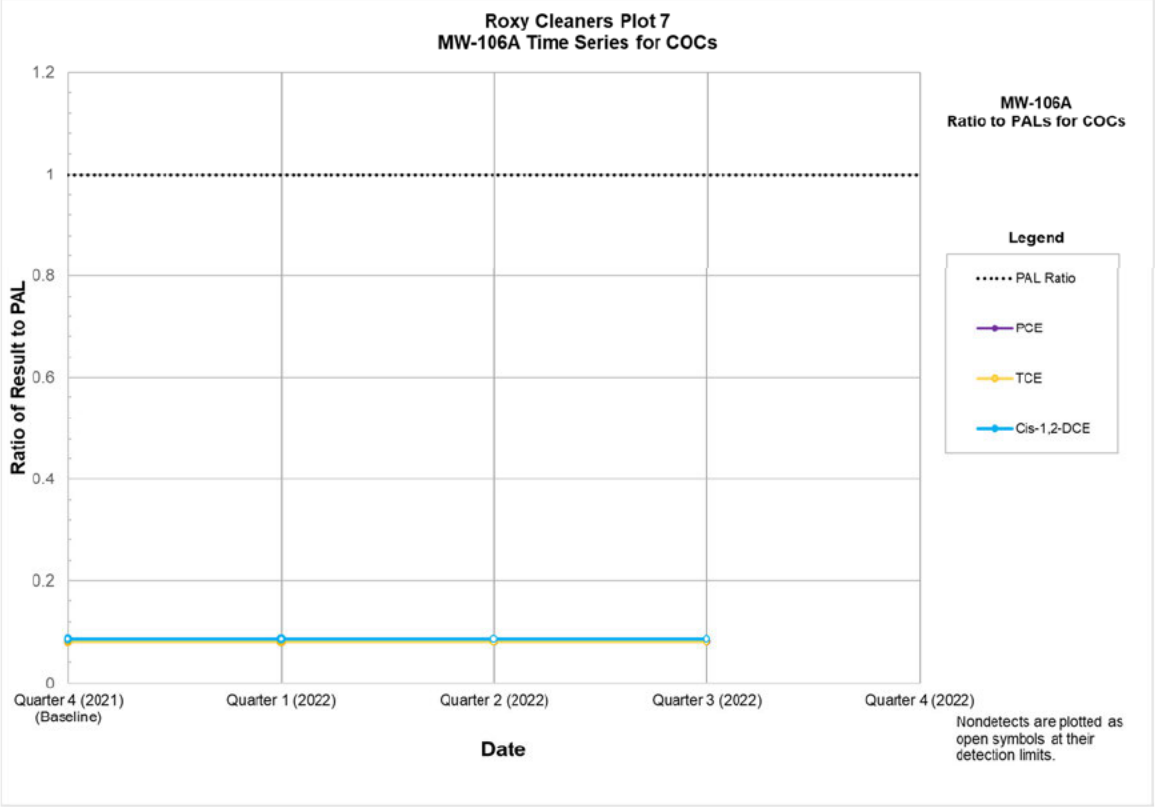

Roxy Cleaners Plot 3(a)
TW-10 Time Series for COCs
1.2
1
0.8
0.6
0.4
0.2
0
Ratio of Result to PAL
Quarter 4 (2021) (Baseline)
Quarter 1 (2022)
Quarter 2 (2022)
Quarter 3 (2022)
Quarter 4 (2022)
Date
TW-10
Ratio to PALs for COCs
Legend
PAL Ratio
TCE
Cis-1,2-DCE
Nondetects are plotted as open symbols at their detection limits.

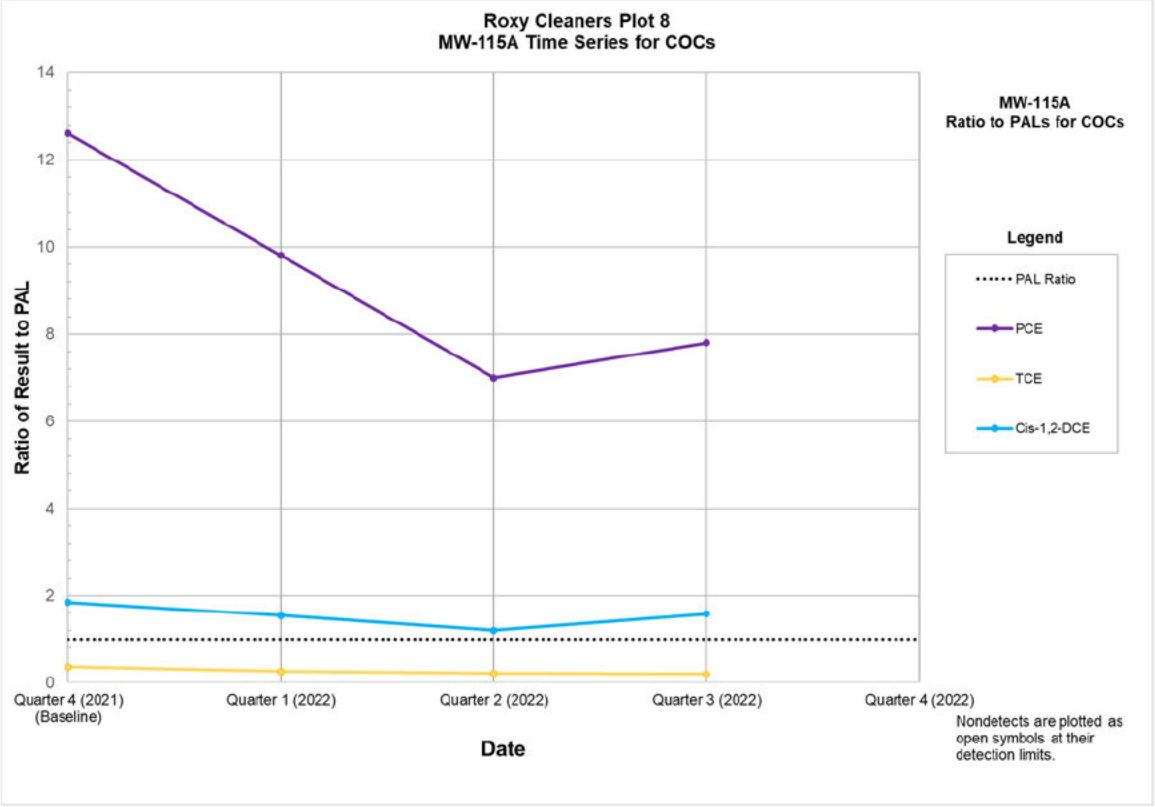

Roxy Cleaners Plot 3(b)
TW-10 Time Series for COCs
Ratio of Result to PAL
45
40
35
30
25
20
15
10
5
0
Quarter 4 (2021) (Baseline)
Quarter 1 (2022)
Quarter 2 (2022)
Quarter 3 (2022)
Quarter 4 (2022)
Date
TW-10
Ratio to PALs for COCs
Legend
PAL Ratio
PCE
Nondetects are plotted as open symbols at their detection limits.

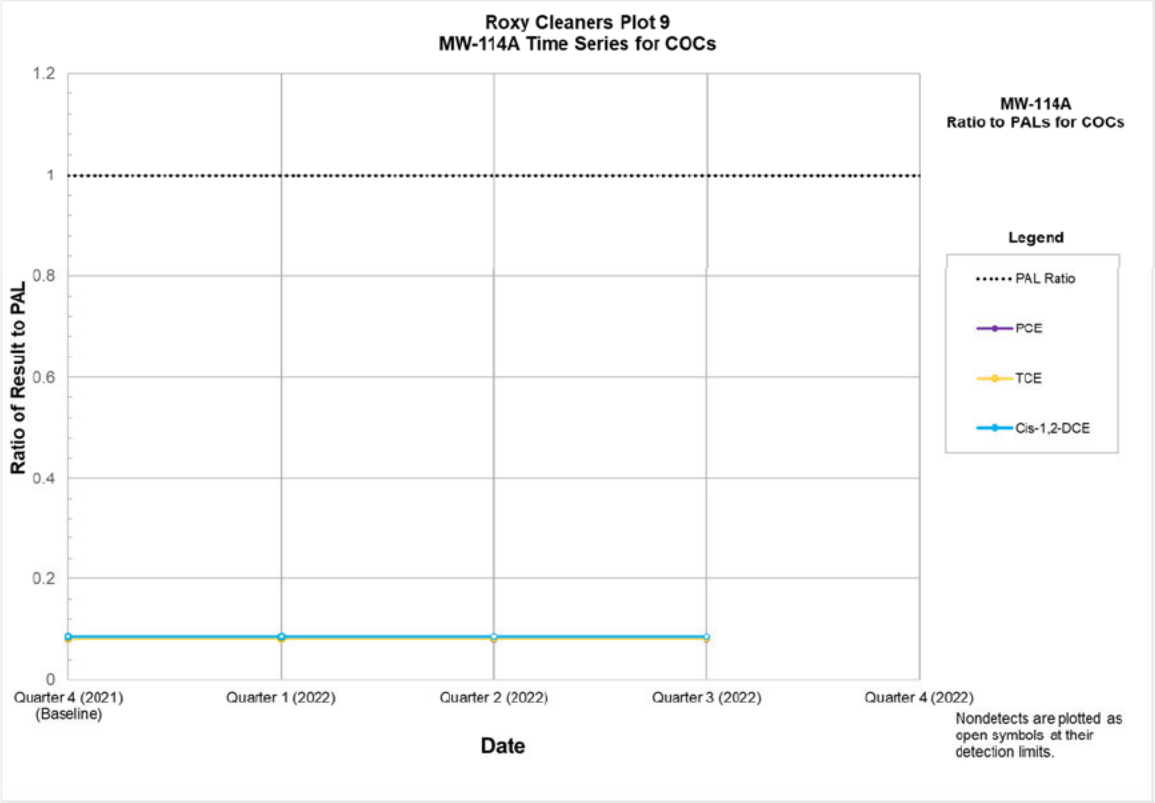

Roxy Cleaners Plot 4
TW-8 Time Series for COCs
Ratio of Result to PAL
6
5
4
3
2
1
0
Quarter 4 (2021) (Baseline)
Quarter 1 (2022)
Quarter 2 (2022)
Quarter 3 (2022)
Quarter 4 (2022)
Date
TW-8
Ratio to PALs for COCs
Legend
PAL Ratio
PCE
TCE
Cis-1,2-DCE
Nondetects are plotted as open symbols at their detection limits.


Roxy Cleaners Plot 5
TW-7 Time Series for COCs
TW-7
Ratio to PALs for COCs
Legend
PAL Ratio
PCE
TCE
Cis-1,2-DCE
Ratio of Result to PAL
1.2
1
0.8
0.6
0.4
0.2
0
Quarter 4 (2021) (Baseline)
Quarter 1 (2022)
Quarter 2 (2022)
Quarter 3 (2022)
Quarter 4 (2022)
Date
Nondetects are plotted as open symbols at their detection limits.


Roxy Cleaners Plot 6
MW-111 Time Series for COCs
MW-111
Ratio to PALs for COCs
Legend
PAL Ratio
PCE
TCE
Cis-1,2-DCE
Ratio of Result to PAL
1.2
1
0.8
0.6
0.4
0.2
0
Quarter 4 (2021) (Baseline)
Quarter 1 (2022)
Quarter 2 (2022)
Quarter 3 (2022)
Quarter 4 (2022)
Date
Nondetects are plotted as open symbols at their detection limits.


Roxy Cleaners Plot 7
MW-106A Time Series for COCs
MW-106A
Ratio to PALs for COCs
Legend
PAL Ratio
PCE
TCE
Cis-1,2-DCE
Ratio of Result to PAL
1.2
1
0.8
0.6
0.4
0.2
0
Quarter 4 (2021) (Baseline)
Quarter 1 (2022)
Quarter 2 (2022)
Quarter 3 (2022)
Quarter 4 (2022)
Date
Nondetects are plotted as open symbols at their detection limits.


Roxy Cleaners Plot 8
MW-115A Time Series for COCs
MW-115A
Ratio to PALs for COCs
Legend
PAL Ratio
PCE
TCE
Cis-1,2-DCE
Ratio of Result to PAL
14
12
10
8
6
4
2
0
Quarter 4 (2021) (Baseline)
Quarter 1 (2022)
Quarter 2 (2022)
Quarter 3 (2022)
Quarter 4 (2022)
Date
Nondetects are plotted as open symbols at their detection limits.


Roxy Cleaners Plot 9
MW-114A Time Series for COCs
1.2
1
0.8
0.6
0.4
0.2
0
Ratio of Result to PAL
Quarter 4 (2021) (Baseline)
Quarter 1 (2022)
Quarter 2 (2022)
Quarter 3 (2022)
Quarter 4 (2022)
Date
MW-114A
Ratio to PALs for COCs
Legend
PAL Ratio
PCE
TCE
Cis-1,2-DCE
Nondetects are plotted as open symbols at their detection limits.