



Site Monitoring Report (April 2023 Event) Active Industrial Uniform (152125) Lindenhurst, New York

Prepared for

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



Prepared by

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May 2024
Version: FINAL
EA Project No. 1602534.0008

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A handwritten signature in blue ink, appearing to read "Donald Conan".

Donald Conan, P.E., P.G., Program Manager
EA Engineering, P.C.

1 May 2024

Date

A handwritten signature in blue ink, appearing to read "Joshua Oliver".

Joshua Oliver, P.G., Project Manager
EA Science and Technology

1 May 2024

Date

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LIST OF ACRONYMS/ABBREVIATIONS

µg/L	Microgram(s) per liter
AWQS	Ambient Water Quality Standard
COC	Contaminant of concern
DCE	Dichloroethylene
EA	EA Engineering, P.C. and its affiliate EA Science and Technology
mg/L	Milligram(s) per liter
No.	Number
NYSDEC	New York State Department of Environmental Conservation
PCE	Tetrachloroethylene
P.E.	Professional Engineer
P.G.	Professional Geologist
TCE	Trichloroethylene
VC	Vinyl chloride
VOC	Volatile organic compound

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1. 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 remedial action and site monitoring activities at the Active Industrial Uniform Site (NYSDEC Site Number [No.] 152125), which includes long-term groundwater monitoring, and maintenance of the groundwater monitoring well network. The site is located at 63 West Merrick Road (also known as West Montauk Highway, or State Route 27A), in the town of Lindenhurst, Suffolk County, New York (**Figure 1**). The current remedial action activities are being conducted under the NYSDEC Division of Environmental Remediation Contract Work Assignment No. D009806-34.

This report provides a summary of activities performed by the previous NYSDEC consultant, HRP Associates, in April 2023 which included groundwater monitoring of the existing monitoring well network. The site groundwater monitoring activities were completed in accordance with the applicable guidelines and requirements of NYSDEC.

1.1 OBJECTIVES

The objectives of the April 2023 groundwater monitoring event consisted of the following activities:

- Monthly building maintenance including routine fire and safety inspection. Inventory check, inspection, and maintenance of all groundwater monitoring wells.
- Site maintenance consists of grounds upkeep and mowing of the lawn.
- Establish current groundwater conditions in the on-site and off-site areas. Groundwater samples were analyzed for volatile organic compounds (VOCs) via U.S. Environmental Protection Agency Method SW-846 8260D. Recovery wells were additionally sampled for metals via Method SW-846 6010D and mercury via Method SW-846 7470A.

1.2 REPORT ORGANIZATION

A summary of the April 2023 activities is provided in Section 2. Laboratory analytical results are presented in Section 3. Conclusions and recommendations are discussed in Sections 4 and 5, respectively.

The following are also provided as appendixes:

- **Appendix A**—Monitoring Well Purge Logs
- **Appendix B**—Laboratory Analytical Data
- **Appendix C**—Daily Field Reports and Entry/Exit Logs

2. FIELD ACTIVITIES

2.1 SITE INSPECTION

A site inspection was conducted in April 2023. The active on-site and off-site monitoring well network, which consists of 15 wells, are inspected on a 5-quarter basis.

2.2 GROUNDWATER MONITORING

HRP conducted groundwater sampling from 24 to 25 April 2023. A total of 13 monitoring wells and 2 recovery wells that provided groundwater to the former groundwater extraction and treatment system were purged and sampled using low-flow groundwater sampling methods with peristaltic pumps (**Figure 2**). Depth to water measurements were collected from all the site monitoring wells prior to sampling, which suggest that groundwater is flowing to the east/southeast (**Figure 3**). Water-quality parameters, specifically pH, conductivity, dissolved oxygen and/or oxidation-reduction potential, temperature, and turbidity (at a minimum) were measured to provide general groundwater quality information. These parameters were also monitored for stability during purging of groundwater monitoring wells.

Wells were purged until parameters (pH, dissolved oxygen, oxidation-reduction potential, conductivity, turbidity, temperature, and flow rate) were stable for three consecutive readings prior to sampling. Purge forms are presented in **Appendix A**.

Groundwater samples were shipped to Con-Test/Pace Analytical, a New York State Department of Health Environmental Laboratory Approval Program-certified laboratory, for analysis of VOCs. Analytical results are presented in **Appendix B** and Daily Field Reports and Entry/Exit Logs are presented in **Appendix C**.

Quality assurance/quality control samples consisted of two field duplicate, one field blank per day (two field blanks total), and one matrix spike/matrix spike duplicate. A list of samples and quality assurance/quality control samples are provided in **Appendix B**.

3. GROUNDWATER ANALYTICAL RESULTS

Laboratory analytical results for contaminants of concern (COCs) associated with the April 2023 groundwater monitoring event are summarized in **Tables 1.1 – 1.4** and **Figure 4**. Metals results from RW-1 and RW-2 are summarize in **Table 2**. Monitoring wells MW-2S, MW-4D, MW-104, MW-105, MW-106, and MW-108 contained at least one VOC exceedance in comparison to the NYSDEC Class GA Ambient Water Quality Standard (AWQS) (NYSDEC 1998). Results from the April 2023 groundwater sampling event reported no detections of Site COCs in RW-1 and RW-2. However, RW-1 and RW-2 both reported metals exceedances above NYSDEC AWQS. All other samples were either below NYSDEC AWQS, or “non-detect” according to laboratory detections limits.

3.1 SITE CONTAMINANTS

NYSDEC AWQS for site-specific COCs are 5 micrograms per liter (µg/L) for tetrachloroethylene (PCE), trichloroethylene (TCE), and *cis*-1,2-dichloroethylene (DCE), and 2 µg/L for vinyl chloride (VC). Sampling results show exceedances for PCE in MW-2S (8.7 µg/L), MW-4D (5.2 µg/L), MW-104 (20 µg/L), and MW-106 (12 µg/L). Results also show TCE levels above limits in MW-4D (93 µg/L). Results for *cis*-1,2-DCE indicate exceedances for MW-2S (34 µg/L), MW- 4D (210 µg/L), and MW-105 (11 µg/L). Results for VC indicate exceedances for MW-2S (2.2 µg/L), MW-4D (120 µg/L), and MW-105 (2.1 µg/L).

Results from the April 2023 groundwater sampling event reported no exceedances of NYSDEC AWQS for VOCs in RW-1 and RW-2, however, exceedances of NYSDEC AWQS for metals were reported in both wells. RW-1 reported the following metals exceedances; Iron (0.37 milligrams per liter [mg/L]), manganese (1.5 mg/L) and Sodium (42 mg/L). RW-2 metals exceedances include the following: Iron (5.1 mg/L), Magnesium (75 mg/L), and Sodium (620 mg/L). Metals that reported exceedances are common in the native geologic material and are likely naturally occurring.

3.2 HISTORICAL TREND

Monitoring wells where COC concentrations exceeded NYSDEC AWQS for the April 2023 sampling event align with historical exceedances documented in prior monitoring events. Analytical results from the April 2023 sampling event are presented with historical PCE, TCE, *cis*-1,2-DCE, VC, and metals analytical results in **Tables 1.1 – 1.4 and 2**. Concentrations of COCs remain elevated in MW-2S (off-site), MW-4D (on-site), MW-104 (on-site), and MW-106 (on-site). MW-2S, MW-4D, and MW-106 exhibit decreasing trends for PCE concentrations. Monitoring well MW-4D is exhibiting an increasing trend in TCE and no trend in *cis*-1,2-DCE concentrations. Historical and current findings are summarized in **Table 1.1 – 1.4**.

4. CONCLUSIONS AND RECOMMENDATIONS

Analytical results from on-site and off-site groundwater samples collected during the April 2023 event indicate that PCE, TCE, and *cis*-1,2-DCE concentrations remain elevated above NYSDEC AWQS. Overall, about one-third of the monitoring well network remains elevated and has decreased in concentration in comparison to the historical 2021 and 2022 sampling events, except for MW-4D, which indicates increased TCE, DCE, and VC concentrations, but also a decrease in PCE in comparison with historic values. Concentration trends of VOCs in MW-4D suggest potential dechlorination of PCE into daughter products.

It is recommended that groundwater sampling of the 15 on-site and off-site wells is continued on a 5-quarter basis per the Site Management Plan. Groundwater samples should be analyzed for VOCs (including Site COCs PCE, TCE, *cis*-1,2-DCE, and VC) with recommended evaluation of emerging contaminants (PFAS and 1,4-dioxane). RW-1 and RW-2 are no longer functioning as recovery wells, so EA recommends ceasing collection of samples for metals analysis.

5. REFERENCES

- New York State Department of Environmental Conservation (NYSDEC). 1997. *NYSDEC Division of Environmental Remediation Record of Decision Active Industrial Uniform, Suffolk County, New York Site Number 152125*. March.
- .1998. Division of Water Technical and Operational Guidance Series (TOGS) 1.1.1. *Ambient Water Quality Standards and Guidance Values and Groundwater Effluent Limitations*. October (revised).

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Tables

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Table 1.1 Summary of April 2023 and Historical Sampling (PCE)

Monitoring Well ID	PCE				
	Apr-21	Jul-21	Oct-21	Jul-22	Apr-23
Sampling Period					
MW-2S (off-site)	0.8	29	1.8	16	8.7
MW-4D (on-site)	37	54	95	31	5.2
MW- 5S (on-site)	0.57	0.41	0.34	1.6	0.48
MW-101 (on-site)	NS	0.85	NS	0.86	0.84
MW-102 (on-site)	NS	<1	NS	0.56	0.55
MW-103 (on-site)	2.7	3	5.3	3.8	3.5
MW-104 (on-site)	24	50	50	37	20
MW-105 (on-site)	5.3	1.3	0.5	5.5	4.8
MW-106 (on-site)	11	15	11	6.4	12
MW-107 (on-site)	2.8	1.3	1.2	3.1	1.6
MW-108 (on-site)	NS	3.4	NS	3.6	2.2
MW-109 (off-site)	NS	0.84	NS	<0.2	ND
MW-111 (off-site)	NS	<1	NS	<0.2	ND
RW-1 (on-site)	0.47	0.83	<1	<0.2	ND
RW-2 (off-site)	<1	<1	<1	<0.2	ND
Class GA Groundwater Standard, µg/L	5				

Notes:

Concentrations are in microgram(s) per liter (µg/L)

COC = Contaminant of concern

DCE = Dichloroethylene

ND = Not detected

NS = Not sampled

PCE = Tetrachloroethylene

TCE = Trichloroethylene

VC = Vinyl chloride

VOC = Volatile organic compound

Cells shaded gray = parameter reported at a concentration greater than applicable regulatory standard

Table 1.2. Summary of April 2023 and Historical Sampling (TCE)

Monitoring Well ID	TCE				
	Apr-21	Jul-21	Oct-21	Jul-22	Apr-23
MW-2S (off-site)	<1	7.9	0.34	5.7	3.2
MW-4D (on-site)	8.7	7.8	13	31	92
MW- 5S (on-site)	<0.18	<1	<1	31	ND
MW-101 (on-site)	NS	0.53	NS	0.28	0.3
MW-102 (on-site)	NS	<1	NS	<0.18	ND
MW-103 (on-site)	0.66	0.64	0.65	0.89	0.58
MW-104 (on-site)	3.4	4.5	5.8	4.5	2.4
MW-105 (on-site)	0.37	<1	0.43	0.39	0.64
MW-106 (on-site)	5.3	3.2	2.8	2.6	2.5
MW-107 (on-site)	0.42	0.61	0.53	0.26	ND
MW-108 (on-site)	NS	3.2	NS	0.31	ND
MW-109 (off-site)	NS	1.6	NS	0.43	0.42
MW-111 (off-site)	NS	<1	NS	<0.18	ND
RW-1 (on-site)	NS	<1	<1	<0.18	ND
RW-2 (off-site)	<1	<1	<1	<0.9	ND
Class GA Groundwater Standard, µg/L	5				

Notes:

Concentrations are in microgram(s) per liter (µg/L)

COC = Contaminant of concern

DCE = Dichloroethylene

ND = Not detected

NS = Not sampled

PCE = Tetrachloroethylene

TCE = Trichloroethylene

VC = Vinyl chloride

VOC = Volatile organic compound

Cells shaded gray = parameter reported at a concentration greater than applicable regulatory standard

Table 1.3. Summary of April 2023 and Historical Sampling (*cis*-1,2-DCE)

Monitoring Well ID	<i>cis</i> -1,2-DCE				
	Apr-21	Jul-21	Oct-21	Jul-22	Apr-23
MW-2S (off-site)	1.2	100	3.2	44	34
MW-4D (on-site)	280	2.4	2	22	210
MW- 5S (on-site)	<1	<1	<1	<0.15	ND
MW-101 (on-site)	NS	<1	NS	<0.15	ND
MW-102 (on-site)	NS	<1	NS	<0.15	ND
MW-103 (on-site)	0.57	<1	<1	<0.15	ND
MW-104 (on-site)	0.79	8.1	1.6	0.67	0.39
MW-105 (on-site)	150	16	0.25	0.82	11
MW-106 (on-site)	9.8	13	13	10	3
MW-107 (on-site)	<1	<1	<1	<0.15	ND
MW-108 (on-site)	NS	<1	NS	0.4	ND
MW-109 (off-site)	NS	1.9	NS	0.66	0.49
MW-111 (off-site)	NS	<1	NS	<0.15	ND
RW-1 (on-site)	<1	0.52	<1	<0.15	ND
RW-2 (off-site)	1.6	0.5	<1	<0.75	ND
Class GA Groundwater Standard, µg/L	5				

Notes:

Concentrations are in microgram(s) per liter (µg/L)

COC = Contaminant of concern

DCE = Dichloroethylene

ND = Not detected

NS = Not sampled

PCE = Tetrachloroethylene

TCE = Trichloroethylene

VC = Vinyl chloride

VOC = Volatile organic compound

Cells shaded gray = parameter reported at a concentration greater than applicable regulatory standard

Table 1.4. Summary of April 2023 and Historical Sampling (VC)

Monitoring Well ID	VC				
Sampling Period	Apr-21	Jul-21	Oct-21	Jul-22	Apr-23
MW-2S (off-site)	<1	11	<1	2.3	2.2
MW-4D (on-site)	0.96	<1	<1	19	120
MW- 5S (on-site)	<1	<1	<1	<0.2	ND
MW-101 (on-site)	NS	<1	NS	<0.2	ND
MW-102 (on-site)	NS	<1	NS	<0.2	ND
MW-103 (on-site)	<1	<1	<1	<0.2	ND
MW-104 (on-site)	<1	<1	<1	<0.2	ND
MW-105 (on-site)	12	1	<1	<0.2	2.1
MW-106 (on-site)	0.67	1.6	2.4	<0.26	ND
MW-107 (on-site)	<1	<1	<1	<0.2	ND
MW-108 (on-site)	NS	<1	NS	<0.2	ND
MW-109 (off-site)	NS	<1	NS	<0.2	ND
MW-111 (off-site)	NS	<1	NS	<0.2	ND
RW-1 (on-site)	<1	<1	<1	<0.2	ND
RW-2 (off-site)	<1	<1	<1	<1	ND
Class GA Groundwater Standard, µg/L	2				

Notes:

Concentrations are in microgram(s) per liter (µg/L)

COC = Contaminant of concern

DCE = Dichloroethylene

ND = Not detected

NS = Not sampled

PCE = Tetrachloroethylene

TCE = Trichloroethylene

VC = Vinyl chloride

VOC = Volatile organic compound

Cells shaded gray = parameter reported at a concentration greater than applicable regulatory standard

Table 2. April 2023 Groundwater Summary Results - Metals

		Sample Name	RW-1	RW-2	RW-1	RW-2
Analytes (Total)	Unit	Class GA Criteria	Jan-22		Apr-23	
Aluminum	mg/L	NA	ND	ND	ND	0.048
Antimony	mg/L	0.003	ND	ND	ND	ND
Arsenic	mg/L	0.025	ND	ND	ND	ND
Barium	mg/L	1	0.018	0.025	0.02	0.33
Beryllium	mg/L	1	ND	ND	ND	ND
Cadmium	mg/L	0.005	ND	ND	ND	ND
Calcium	mg/L	NA	30	67	26	66
Chromium	mg/L	0.05	ND	ND	ND	ND
Cobalt	mg/L	NA	ND	ND	ND	ND
Copper	mg/L	0.2	ND	ND	ND	0.0059
Iron	mg/L	0.3	0.22	5.0	0.37	5.1
Lead	mg/L	0.025	0.0059	ND	ND	ND
Magnesium	mg/L	35	4.6	110	3.8	75
Manganese	mg/L	0.5	1.6	0.23	1.4	0.14
Mercury	mg/L	0.0007	ND	ND	ND	ND
Nickel	mg/L	0.1	ND	ND	ND	ND
Potassium	mg/L	NE	3.3	41	3.4	15
Selenium	mg/L	0.01	ND	ND	ND	ND
Silver	mg/L	0.05	ND	ND	ND	ND
Sodium	mg/L	20	41	930	42	620
Thallium	mg/L	0.0005	ND	ND	ND	ND
Vandium	mg/L	NE	ND	0.017	ND	ND
Zinc	mg/L	2	ND	0.0043	ND	0.016

Notes:

Concentrations are in milligrams per liter (mg/L)

NA = Not applicable

ND = Not detected

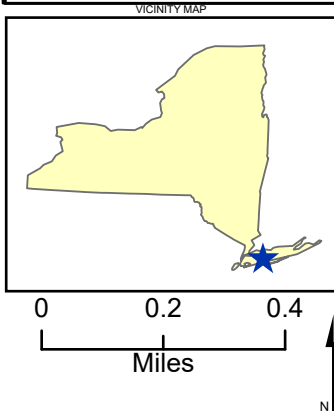
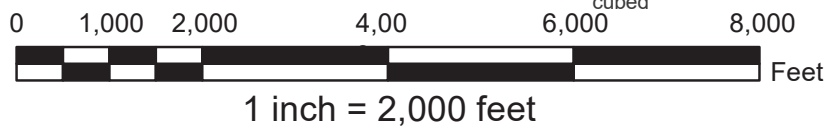
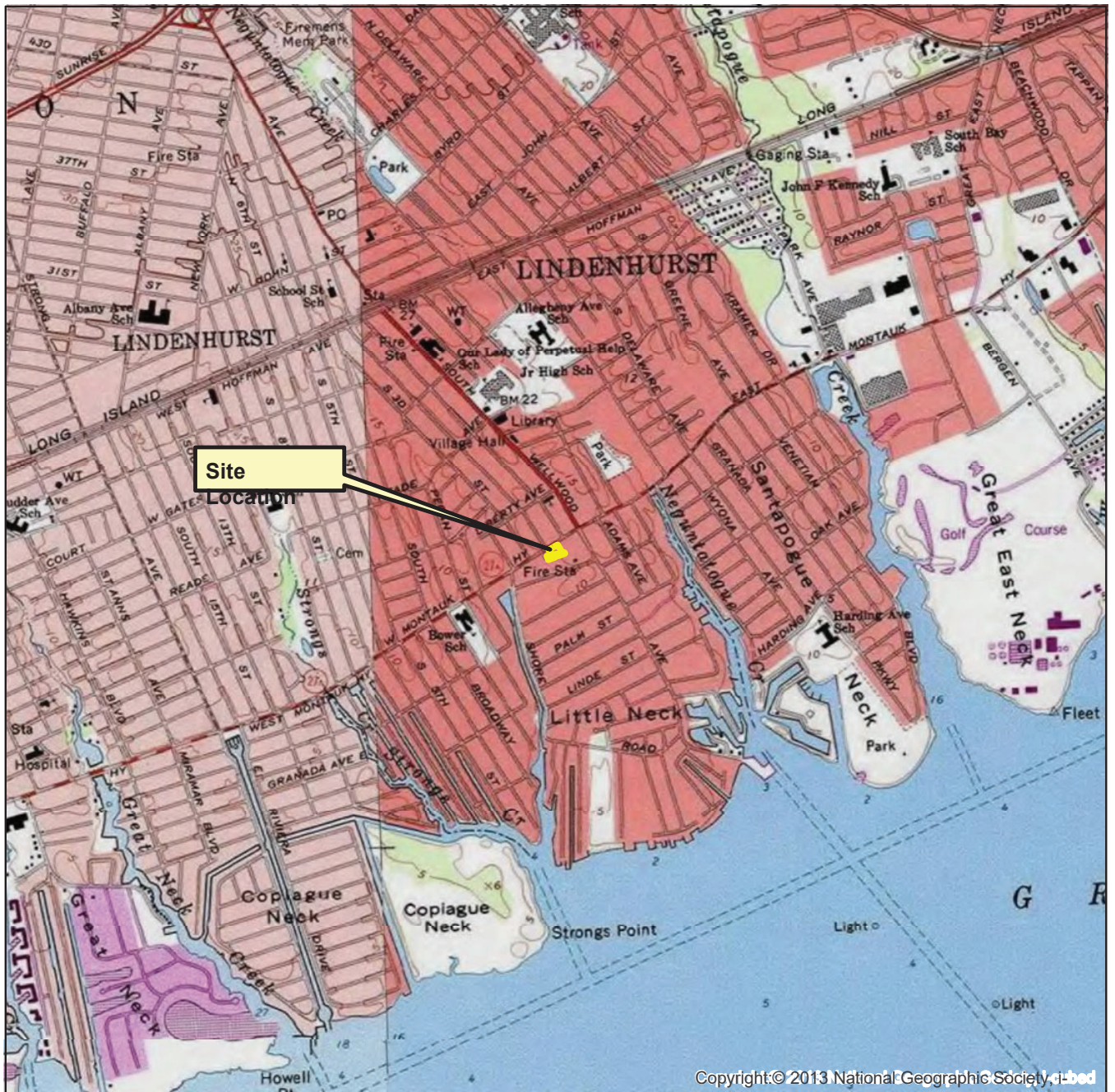
NS = Not sampled

Cells shaded grey = parameter reported at a concentration greater than applicable regulatory standard

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Figures

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Legend

★ Site Location

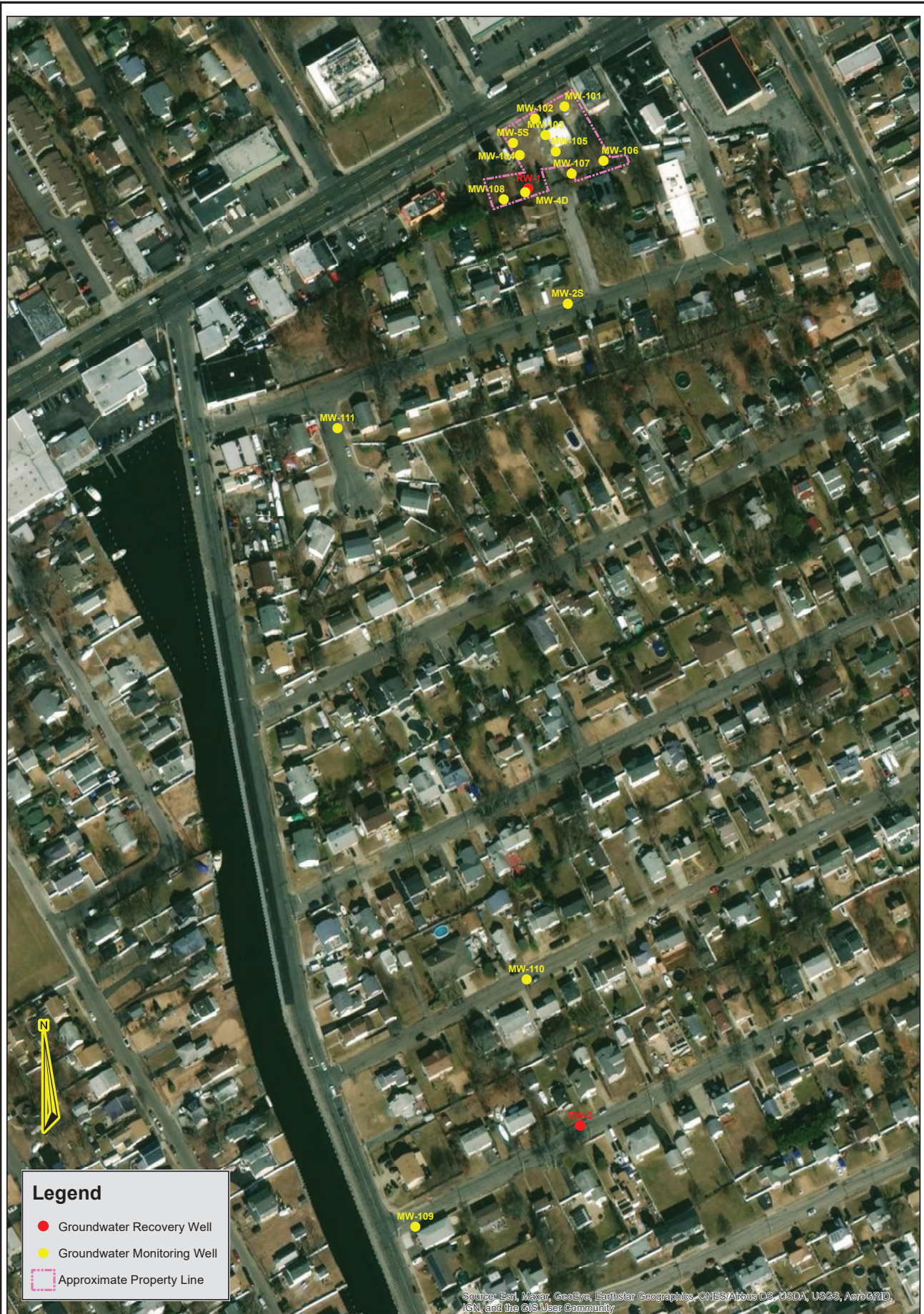
Figure 1
Site Location
 Active Industrial Uniform
 Lindenhurst New York

Map Date: 11/29/2023
 Projection: NAD 1983 (2011) StatePlane
 New York Long Isl FIPS 3104 (us feet)

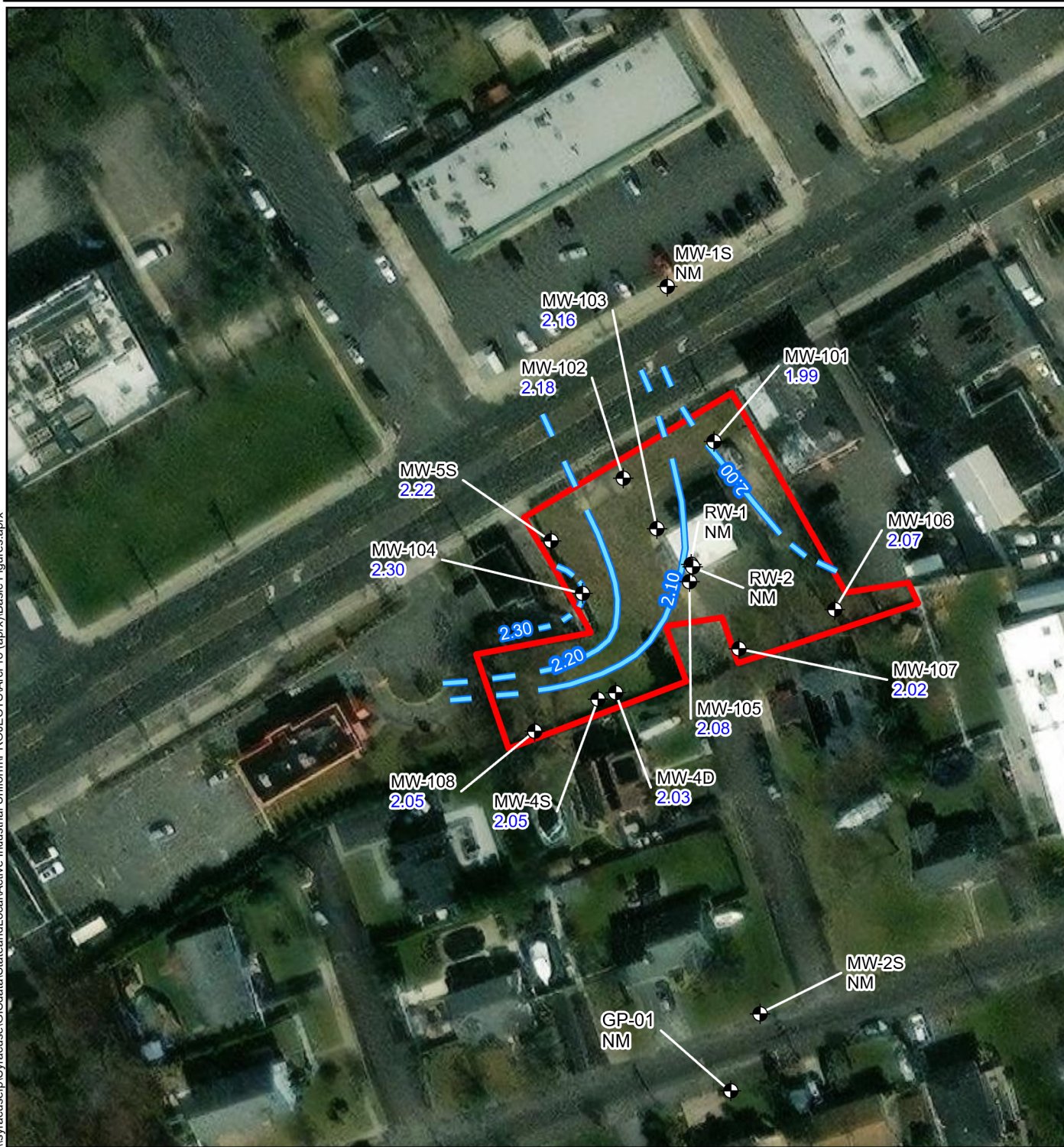


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Legend

- Site Boundary
- 2023 Groundwater Contours (elevation)
- Monitoring Wells

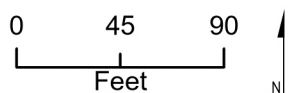


Figure 3
Groundwater Contours
Active Industrial Uniform
Lindenhurst, New York

Map Date: 4/16/2024
Projection: NAD 1983 (2011) StatePlane
New York Long Isl FIPS 3104 (us feet)



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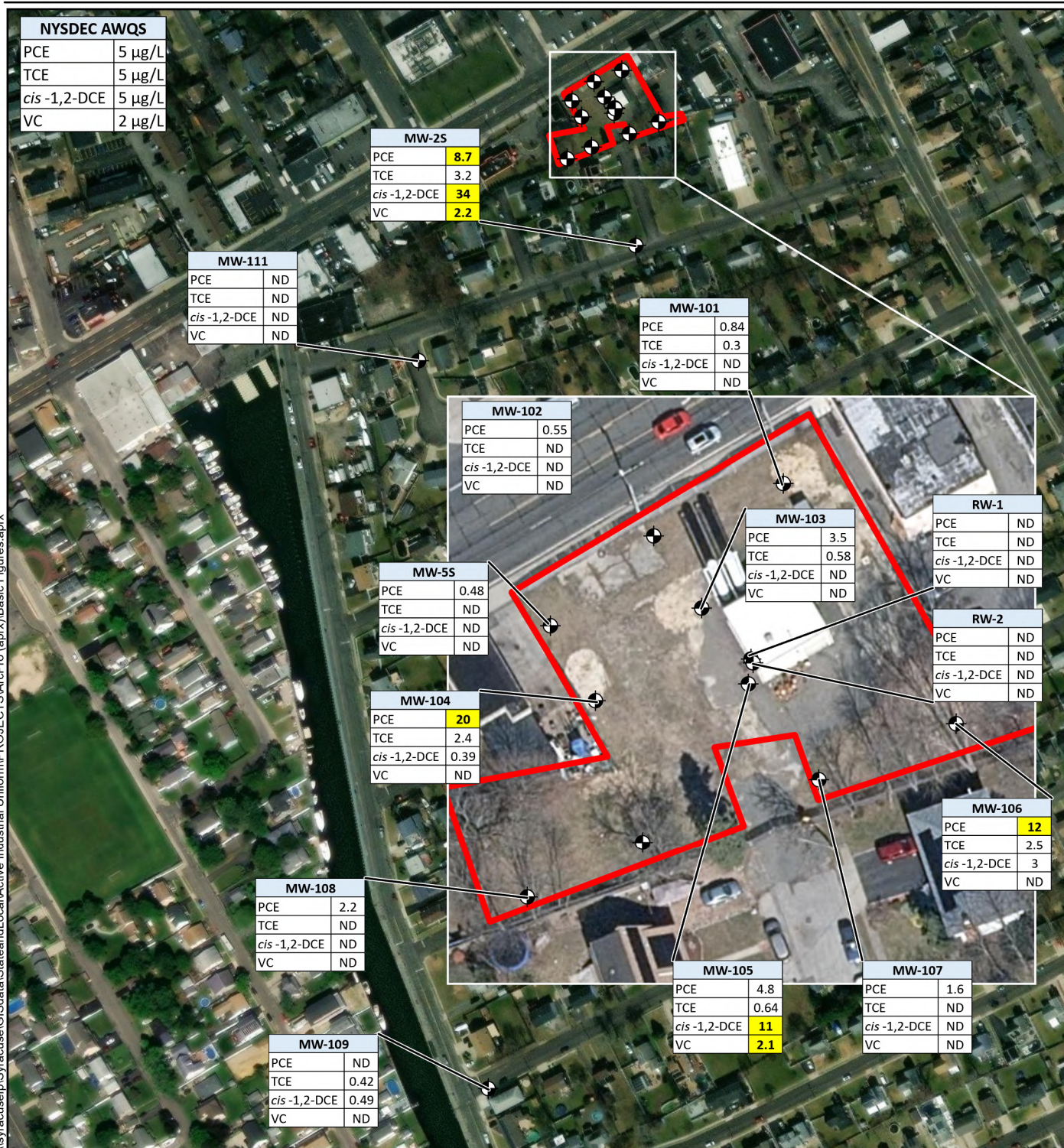


Figure 4
Groundwater Analytical Results
Active Industrial Uniform
Lindenhurst, New York

Map Date: 4/16/2024

Projection: NAD 1983 (2011) StatePlane
New York Long Isl FIPS 3104 (us feet)

Legend

- Site Boundary
- Monitoring Wells selection

Notes:

Contaminant concentrations are shown in units of micrograms per liter (µg/L).

AWQS = Ambient Water Quality Standards

cis-1,2-DCE = *cis*-1,2-dichloroethene

ND = non-detect

NYSDEC = New York State Department of Environmental Conservation

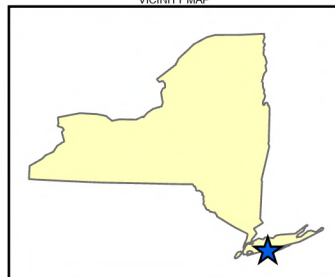
PCE = tetrachloroethene

TCE = trichloroethene

VC = vinyl chloride



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0 125 250
Feet

N

Appendix A

Monitoring Well Purge Logs

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HRP Associates, Inc.
197 Scott Swamp Rd.
Farmington, CT 06032
(860) 674-9570

Monitor Well Data Sheet

Well ID: MW-2s

Page 1 of 2

Site Background Information

Site Location:	63 West Merrick Rd, Lindenhurst, NY	Sampling Dates:	4/25-4/26/23
Job Number:	DEC1004.OM	Field Team Leader:	
Weather:	M. Sunny 52°F	Team Personnel:	DJA, C, K

Ground Water Elevation Data

Date	Time	Sampler Name	Equipment Model	Depth to Water (ft)	Depth to Bottom (ft)
4/25/23	3:10	K6	Solinst-101	uncorrected	uncorrected
			corr. factor 0	corrected 5.28	corrected 18.50

Measurement Point: 2" pvc HW

Well Condition (circle one)

General Condition	Visible Well ID	Well Cap Present	Well Plumbness	Lock
Good	Yes	Yes	Good	Yes
Concrete Collar	Ponded Water	Comments:		
Good	No	Both holes straggled		

Well Purging Data

Date	Equipment Set-up		Time Purging		Sample Collection		Sampler Initials	Instrument Calibration Date
	Start	Finish	Start	Finish	Start	Finish		
4/26/23	8:39	8:41	8:41	9:34	9:34	9:35	K6	4/26/23

Instrument Mfg & Model

pH	YSI 600XL-M / YSI 556 - Serial # 04C2866 AB
Temp.	
Sp. Cond.	
ORP	
DO	
Turbidity	HF Scientific DRT-15CE - Serial # HRP-1

Initial Water Depth (ft):		Time:						
Time	Water Depth (ft)	Flow Rate (ml/min)	pH (s.u.)	Temp (°C)	Sp Con (uS)	ORP (mV)	DO (mg/l)	Turbidity (ntu)
8:43	5.34	120	6.03	11.72	370	151.2	4.86	4.40
8:48	5.34		5.63	12.00	372	141.8	1.66	1.43
8:53	5.35		5.64	12.09	374	137.7	1.64	1.47
8:58	5.35		5.66	12.05	378	135.3	1.52	0.94
9:03	5.35		5.70	12.06	382	133.7	1.37	0.73
9:08	5.36		5.72	12.06	385	132.4	1.24	2.33
9:13	5.36		5.75	12.13	391	131.1	1.10	1.72
9:18	5.37		5.76	12.11	398	130.7	1.03	1.44
9:23	5.37		5.78	12.17	401	130.5	0.96	0.64

Req. Limits for Last 3 Readings	+/- 0.1	3%	3%	+/- 10 mv	10% > 0.5	10% > 5
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Pump Mfg & Model	Color	Odor	Purge Vol (ml)	Sample Depth (ft.)
peristaltic pump	clear	-	1560	13.50

Sample Containers

Type & No.	Volume	Preservative	Type & No.	Volume	Preservative
3 vials	3x 40mL	HCl			

[illegible]

Type & No.	Volume	Preservative
3_vials	3 x 40mL	HCl

HRP Associates, Inc.
197 Scott Swamp Rd.
Farmington, CT 06032
(860) 674-9570

Monitor Well Data Sheet

Well ID: MW-4d

Page 1 of 1

Site Background Information

Site Location:
Job Number:
Weather:

63 West Merrick Rd, Lindenhurst, NY
DEC1004.OM

Sampling Dates:
Field Team Leader:
Team Personnel:

4-25-23 → 4/26/23
KCG, CJS, DSA

Ground Water Elevation Data

Date	Time	Sampler Name	Equipment Model	Depth to Water (ft)	Depth to Bottom (ft)
4/25/23	3:13	KG	Solinst-101	uncorrected	uncorrected
			corr. factor 0	corrected 6.23	corrected 67.41

Measurement Point: 4" pvc HW

Well Condition (circle one)

General Condition	Visible Well ID	Well Cap Present	Well Plumbness	Lock
good	no	yes	good	no
Concrete Collar	Ponded Water	Comments:		
good	no	Black flag?		

Well Purging Data

Date	Time						Sampler Initials	Instrument Calibration Date
	Equipment Set-up		Purging		Sample Collection			
	Start	Finish	Start	Finish	Start	Finish		
4/26/23	9:39	2:39	7:39	10:10	10:00	10:11	DS	4/26/23

Instrument Mfg & Model

pH	YSI 600XL-M / YSI 556 - Serial # 19601
Temp.	
Sp. Cond.	
ORP	
DO	
Turbidity	HF Scientific DRT-15CE - Serial # 1412P#4

Initial Water Depth (ft):		Time:						
Time	Water Depth (ft)	Flow Rate (ml/min)	pH (s.u.)	Temp (°C)	Sp Con (uS)	ORP (mV)	DO (mg/l)	Turbidity (ntu)
7:45	6.26	120	7.06	13.39	292	-161.2	1.77	8.19
7:50	6.26		7.25	13.51	302	-194.7	0.72	7.59
9:55	6.26		7.36	13.43	311	-204.8	0.55	4.97
10:00	6.26		7.41	13.45	312	-212.8	0.46	4.84
10:05	6.26		7.44	13.46	313	-219.2	0.43	4.98
10:10	6.26		7.47	13.47	316	-221.2	0.39	4.85

Req. Limits for Last 3 Readings +/- 0.1 3% 3% +/- 10 mv 10% > 0.5 10% > 5

Pump Mfg & Model	Color	Odor	Purge Vol (ml)	Sample Depth (ft.)
peristaltic pump	clear	~	3720	62.41

Sample Containers

Type & No.	Volume	Preservative	Type & No.	Volume	Preservative
3 vials	3x 40mL	HCl			

HRP Associates, Inc.

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Monitor Well Data Sheet

Page 1 of 1

Well ID: MW-5s

Site Background Information

Site Location:

63 West Merrick Rd, Lindenhurst, NY

Job Number:

DEC1004.OM

Weather:

Sunny 56°F

Sampling Dates:

4/25 - 4/26/23

Field Team Leader:

Team Personnel:

D.A. Cully

Ground Water Elevation Data

Date	Time	Sampler Name	Equipment Model	Depth to Water (ft)	Depth to Bottom (ft)
4-25-23	1:29	DTA	Solinst-101	uncorrected	uncorrected
			corr. factor 0	corrected 6.11	corrected 23.58

Measurement Point: 2" pvc HW

Well Condition (circle one)

General Condition	Visible Well ID	Well Cap Present	Well Plumbness	Lock
good	yes	yes	good	yes
Concrete Collar	Ponded Water	Comments:		
good	NO			

Well Purging Data

Date	Time						Sampler Initials	Instrument Calibration Date
	Equipment Set-up		Purging		Sample Collection			
	Start	Finish	Start	Finish	Start	Finish		
4-25-23	1:26	1:30	1:30	2:00	2:00	2:02	67A	4.24.23

Instrument Mfg & Model

pH	YSI 600XL-M / YSI 556 Serial # 12601
Temp.	
Sp. Cond.	
ORP	
DO	
Turbidity	HF Scientific DRT-15CE - Serial # RHP #4

Initial Water Depth (ft):			Time:					
Time	Water Depth (ft)	Flow Rate (ml/min)	pH (s.u.)	Temp (°C)	Sp Con (uS)	ORP (mV)	DO (mg/l)	Turbidity (ntu)
1:35	6.11	120	6.38	13.15	293	-12.6	1.39	1.48
1:40	6.12		6.22	13.18	291	-24.4	0.53	1.29
1:45	6.12		6.19	13.19	291	-42.6	0.34	0.99
1:50	6.13		6.18	13.40	305	-53.2	0.30	0.78
1:55	6.13		6.17	13.40	311	-58.1	0.28	0.84
2:00	6.13		6.19	13.41	306	-62.8	0.26	0.89

Req. Limits for Last 3 Readings

+/- 0.1

3%

3%

+/- 10 mv

10% > 0.5

10% > 5

Pump Mfg & Model	Color	Odor	Purge Vol (ml)	Sample Depth (ft.)
peristaltic pump	clear	✓	3,600	18.58

Sample Containers

Type & No.	Volume	Preservative	Type & No.	Volume	Preservative
3 vials	3x 40mL	HCl			

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Monitor Well Data Sheet

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Well ID: MW-101

Site Background Information

Site Location:

63 West Merrick Rd, Lindenhurst, NY

Job Number:

DEC1004.OM

Weather:

cloudy 57°

Sampling Dates:

7/15 - 7/24/23

Field Team Leader:

Team Personnel:

DJA, KG, GIL

Ground Water Elevation Data

Date	Time	Sampler Name	Equipment Model	Depth to Water (ft)	Depth to Bottom (ft)
4/25	11:34	DJA	Solinst-101	uncorrected	uncorrected
			corr. factor 0	corrected 6.84	corrected 14.56

Measurement Point: 2" pvc HW

Well Condition (circle one)

General Condition	Visible Well ID	Well Cap Present	Well Plumbness	Lock
good	yes	yes	good	yes
Concrete Collar	Ponded Water	Comments:		
good	no			

Well Purging Data

Date	Time						Sampler Initials	Instrument Calibration Date
	Equipment Set-up		Purging		Sample Collection			
	Start	Finish	Start	Finish	Start	Finish		
4/25/23	11:20	11:57	11:37	12:25	12:25	12:27	DJA	4/24/23

Instrument Mfg & Model

pH	YSI 600XL-M / YSI 656 Serial # 12601
Temp.	
Sp. Cond.	
ORP	
DO	
Turbidity	HF Scientific DRT-15CE - Serial # HRP# 7

Initial Water Depth (ft):			Time:					
Time	Water Depth (ft)	Flow Rate (ml/min)	pH (s.u.)	Temp (°C)	Sp Con (uS)	ORP (mV)	DO (mg/l)	Turbidity (ntu)
11:40	6.65	120	6.64	12.46	588	-47.3	5.62	2.36
11:45	6.65		6.68	12.40	579	-51.0	3.76	1.82
11:50	6.65		6.77	12.36	582	-53.4	2.92	1.78
11:55	6.65		6.80	12.33	562	-58.4	2.15	1.64
12:00	6.65		6.81	12.32	558	-58.6	2.01	1.57
12:05	6.65		6.86	12.33	539	-62.6	1.67	1.34
12:10	6.65		6.97	12.34	533	-65.4	1.51	1.21
12:15	6.65		6.87	12.35	523	-66.6	1.32	1.13
12:20	6.65		6.89	12.35	524	-68.4	1.23	0.98
Req. Limits for Last 3 Readings			+/- 0.1	3%	3%	+/- 10 mv	10% > 0.5	10% > 5

Pump Mfg & Model	Color	Odor	Purge Vol (ml)	Sample Depth (ft.)
peristaltic pump	black	—	5760	10.70

Sample Containers

Type & No.	Volume	Preservative	Type & No.	Volume	Preservative
3 vials	3x 40mL	HCl			

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Monitor Well Data Sheet

Well ID: MW-102

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Site Background Information

Site Location:
Job Number:
Weather:

63 West Merrick Rd, Lindenhurst, NY
DEC1004.OM

Sampling Dates:
Field Team Leader:
Team Personnel:

4/25-4/26/23
K6, OSA, OSA

Ground Water Elevation Data

Date	Time	Sampler Name	Equipment Model	Depth to Water (ft)	Depth to Bottom (ft)
4/25/23	12:45	OSA	Solinst-101	uncorrected	uncorrected
			corr. factor 0	corrected 6.48	corrected 14.31

Measurement Point: 2" pvc HW

Well Condition (circle one)

General Condition	Visible Well ID	Well Cap Present	Well Plumbness	Lock
good	yes	good yes	good	yes
Concrete Collar	Ponded Water	Comments:		
good	no			

Well Purging Data

Date	Time						Sampler Initials	Instrument Calibration Date
	Equipment Set-up		Purging		Sample Collection			
	Start	Finish	Start	Finish	Start	Finish		
4/25/23	12:40	12:47	12:47	1:14	1:15	1:17	OSA	4/24/23

Instrument Mfg & Model

pH	YSI 600XL-M / YSI 556 Serial # 19601
Temp.	
Sp. Cond.	
ORP	
DO	
Turbidity	HF Scientific DRT-15CE - Serial # 1-HRP-H 4

Initial Water Depth (ft):		Time:						
Time	Water Depth (ft)	Flow Rate (ml/min)	pH (s.u.)	Temp (°C)	Sp Con (uS)	ORP (mV)	DO (mg/l)	Turbidity (ntu)
12:50	6.48	120	7.40	13.11	375	-44.5	3.37	2.89
12:55	6.48		7.09	12.87	391	-45.3	2.10	1.06
1:00	6.48		6.97	12.94	429	-45.3	2.22	0.88
1:05	6.48		6.94	12.95	422	-46.7	2.18	1.23
1:10	6.48		6.93	12.93	419	-47.0	2.15	1.22
1:15	6.48		6.91	12.92	416	-46.6	2.12	1.27

Req. Limits for Last 3 Readings	+/- 0.1	3%	3%	+/- 10 mv	10% > 0.5	10% > 5
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Pump Mfg & Model	Color	Odor	Purge Vol (ml)	Sample Depth (ft.)
peristaltic pump	clear	-	3360	10.37

Sample Containers

Type & No.	Volume	Preservative	Type & No.	Volume	Preservative
3 vials	3 x 40mL	HCl			

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Monitor Well Data Sheet

Well ID: MW-103

Page 1 of 1

Site Background Information

Site Location: 63 West Merrick Rd, Lindenhurst, NY
Job Number: DEC1004.OM
Weather: M. Sunny, 48°F
Sampling Dates: 4/25-26/23
Field Team Leader:
Team Personnel: DJA, KG, CJL

Ground Water Elevation Data

Date	Time	Sampler Name	Equipment Model	Depth to Water (ft)	Depth to Bottom (ft)
4/25/23	3:19	166	Solinst-101	uncorrected	uncorrected
			corr. factor 0	corrected 6.41	corrected 12.76

Measurement Point: 2" pvc HW

Well Condition (circle one)

General Condition	Visible Well ID	Well Cap Present	Well Plumbness	Lock
Good	yes	yes	Good	yes
Concrete Collar	Ponded Water	Comments:		
Cracked	No			

Well Purging Data

Date	Time						Sampler Initials	Instrument Calibration Date
	Equipment Set-up		Purging		Sample Collection			
	Start	Finish	Start	Finish	Start	Finish		
4-26-23	8:25	8:32	8:32	9:11	9:11	9:12	CJL	4-26-23

Instrument Mfg & Model

pH	YSI 600XL-M / YSI 556 Serial # 21F05
Temp.	
Sp. Cond.	
ORP	
DO	
Turbidity	HF Scientific DRT-15CE - Serial # HRP-7

Initial Water Depth (ft):		6.46	Time:		8:31			
Time	Water Depth (ft)	Flow Rate (ml/min)	pH (s.u.)	Temp (°C)	Sp Con (uS)	ORP (mV)	DO (mg/l)	Turbidity (ntu)
8:35	6.47	120	6.54	12.50	257	177.6	2.63	1.06
8:40	6.47		6.68	12.53	290	170.8	2.78	0.75
8:45	6.47		6.69	12.62	283	168.4	2.86	0.49
8:50	6.47		6.76	12.71	297	167.8	3.48	0.77
8:55	6.48		6.77	12.70	294	168.5	3.28	0.52
9:00	6.48		6.79	12.73	306	169.6	3.99	0.33
9:05	6.48		6.81	12.70	308	170.9	4.02	0.27
9:10	6.48		6.83	12.75	314	171.1	4.05	0.42

Req. Limits for Last 3 Readings +/- 0.1 3% 3% +/- 10 mv 10% > 0.5 10% > 5

Pump Mfg & Model	Color	Odor	Purge Vol (ml)	Sample Depth (ft.)
peristaltic pump	Clear	—	4680	9.61

Sample Containers

Type & No.	Volume	Preservative	Type & No.	Volume	Preservative
2 vials	2 x 40mL	HCl			

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Monitor Well Data Sheet

Well ID: MW-104

Page 1 of 2

Site Background Information

Site Location:

63 West Merrick Rd, Lindenhurst, NY

Job Number:

DEC1004.OM

Weather:

partly cloudy 59

Sampling Dates:

7/25-7/26/23

Field Team Leader:

Team Personnel:

KG, JSL, OJA

Ground Water Elevation Data

Date	Time	Sampler Name	Equipment Model	Depth to Water (ft)	Depth to Bottom (ft)
7/25/23	2:14	OJA	Solinst-101	uncorrected	uncorrected
			corr. factor 0	corrected 6.40	corrected 14.45

Measurement Point: 2" pvc HW

Well Condition (circle one)

General Condition	Visible Well ID	Well Cap Present	Well Plumbness	Lock
good	yes	yes	good	yes
Concrete Collar	Ponded Water	Comments:		
good	NO			

Well Purging Data

Date	Time						Sampler Initials	Instrument Calibration Date
	Equipment Set-up		Purging		Sample Collection			
	Start	Finish	Start	Finish	Start	Finish		
4/25/23	2:10	2:15	2:15	3:10	3:10	3:12	OJA	4/24/23

Instrument Mfg & Model

pH	YSI 600XL-M / YSI 556 - Serial # 196-01
Temp.	
Sp. Cond.	
ORP	
DO	
Turbidity	HF Scientific DRT-15CE - Serial # HRP #4

Initial Water Depth (ft):			Time:		Sp Con (uS)	ORP (mV)	DO (mg/l)	Turbidity (ntu)
Time	Water Depth (ft)	Flow Rate (ml/min)	pH (s.u.)	Temp (°C)				
2:20	6.41	120	6.50	13.03	433	-47.2	0.86	9.82
2:25	6.42		6.48	13.06	434	-56.4	0.43	7.28
2:30	6.42		6.51	13.04	435	-64.9	0.35	6.25
2:35	6.42		6.51	13.02	433	-70.3	0.30	5.99
2:40	6.42		6.53	13.00	432	-74.9	0.31	4.24
2:45	6.42		6.54	13.00	429	-75.3	0.37	3.86
2:50	6.42		6.74	12.98	309	-44.6	3.28	3.09
2:55	6.42		6.81	12.97	232	-3.7	6.07	3.79
3:00	6.42	✓	6.84	12.96	235	0.4	6.41	2.32
Req. Limits for Last 3 Readings			+/- 0.1	3%	3%	+/- 10 mv	10% > 0.5	10% > 5

Pump Mfg & Model	Color	Odor	Purge Vol (ml)	Sample Depth (ft.)
peristaltic pump	clear	—	6,600	10.42

Sample Containers

Type & No.	Volume	Preservative	Type & No.	Volume	Preservative
3 vials	3x 40mL	HCl			

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Well ID:

104-109

Page 2 of 2

Site Location:

63 West Merrick Rd, Lindenhurst, NY

Job Number:

DEC1004.OM

Weather:

Cloudy 53°

Sampling Dates: 9/25/23 - 4/26/73

Field Team Leader:

Team Personnel: K6, C52, D7A

[illegible]

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Monitor Well Data Sheet

Well ID: MW-105

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Site Background Information

Site Location:	63 West Merrick Rd, Lindenhurst, NY	Sampling Dates:	4/25-26/23
Job Number:	DEC1004.OM	Field Team Leader:	—
Weather:	P. Cloudy, 59°F	Team Personnel:	DJA, KG, CJL

Ground Water Elevation Data

Date	Time	Sampler Name	Equipment Model	Depth to Water (ft)		Depth to Bottom (ft)	
4-25-23	2:12	CJL	Solinst-101	uncorrected	—	uncorrected	—
				corr. factor	0	corrected	14.34

Measurement Point: 2" pvc HW

Well Condition (circle one)

General Condition	Visible Well ID	Well Cap Present	Well Plumbness	Lock
Good	yes	yes	Good	yes
Concrete Collar	Ponded Water	Comments: Dupe = MW-B		
Good	No			

Well Purging Data

Date	Time						Sampler Initials	Instrument Calibration Date
	Equipment Set-up		Purging		Sample Collection			
	Start	Finish	Start	Finish	Start	Finish		
4-25-23	2:10	2:16	2:16	3:35	3:35	3:37	CJL	4-24-23

Instrument Mfg & Model

pH	YSI 600XL-M / YSI 556 Serial # 21F05
Temp.	
Sp. Cond.	
ORP	
DO	
Turbidity	HF Scientific DRT-15CE - Serial # HRP-7

Initial Water Depth (ft):			Time:		Sp Con (uS)	ORP (mV)	DO (mg/l)	Turbidity (ntu)
Time	Water Depth (ft)	Flow Rate (ml/min)	pH (s.u.)	Temp (°C)				
2:19	6.51	120	7.05	14.03	437	64.7	2.39	5.55
2:24	6.51		6.95	13.98	432	78.4	1.67	4.96
2:29	6.51		6.91	13.99	410	81.5	1.45	3.44
2:34	6.51		6.92	13.99	406	83.6	1.37	1.32
2:39	6.51		6.88	14.03	387	85.6	1.23	0.91
2:44	6.51		6.89	13.88	390	88.1	1.24	1.12
2:49	6.51		6.91	13.89	403	90.2	1.19	1.01
2:54	6.51		6.90	13.88	382	93.0	1.16	0.72
2:59	6.51		6.84	13.62	375	94.5	1.07	0.63
Req. Limits for Last 3 Readings			+/- 0.1	3%	3%	+/- 10 mv	10% > 0.5	10% > 5

Pump Mfg & Model	Color	Odor	Purge Vol (ml)	Sample Depth (ft.)
peristaltic pump	clear	—	9480	10.42

Sample Containers

Type & No.	Volume	Preservative	Type & No.	Volume	Preservative
2 vials	2x 40mL	HCl			

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Monitor Well Data Sheet

Well ID: MW-106

Page 1 of 2

Site Background Information

Site Location:	63 West Merrick Rd, Lindenhurst, NY	Sampling Dates:	4/25-26/23
Job Number:	DEC1004.OM	Field Team Leader:	
Weather:	M. Cloudy, 58°F	Team Personnel:	DJA, KG, CJL

Ground Water Elevation Data

Date	Time	Sampler Name	Equipment Model	Depth to Water (ft)		Depth to Bottom (ft)	
4-25-23	11:40	CJL	Solinst-101	uncorrected	—	uncorrected	—
			corr. factor 0	corrected	6.43	corrected	13.68

Measurement Point: 2" pvc, HW

Well Condition (circle one)

General Condition	Visible Well ID	Well Cap Present	Well Plumbness	Lock
Good	yes	yes	Good	yes
Concrete Collar	Ponded Water	Comments:		
Good	No			

Well Purging Data

Date	Time						Sampler Initials	Instrument Calibration Date
	Equipment Set-up		Purging		Sample Collection			
	Start	Finish	Start	Finish	Start	Finish		
4-25-23	11:31	11:46	11:46	12:50	12:50	12:51	CJL	4-24-23

Instrument Mfg & Model

pH	YSI 600XL-M / YSI 556 Serial # 21F05
Temp.	
Sp. Cond.	
ORP	
DO	
Turbidity	HF Scientific DRT-15CE - Serial # HRP-7

Initial Water Depth (ft):		6.43	Time:		11:45				
Time	Water Depth (ft)	Flow Rate (ml/min)	pH (s.u.)	Temp (°C)	Sp Con (uS)	ORP (mV)	DO (mg/l)	Turbidity (ntu)	
11:49	6.45	120	6.48	11.88	466	159.8	0.38	2.17	
11:54	6.45		6.45	11.83	472	156.0	0.32	2.04	
11:59	6.45		6.50	11.87	480	142.9	2.66	1.63	
12:04	6.45		6.51	11.91	475	136.3	3.41	1.55	
12:09	6.45		6.52	11.93	479	107.4	2.99	1.27	
12:14	6.45		6.53	11.83	474	95.0	2.15	1.22	
12:19	6.45		6.54	11.84	474	89.1	1.44	1.06	
12:24	6.45		6.53	11.89	482	83.2	0.98	0.86	
12:29	6.45		6.54	11.82	475	68.1	0.70	0.88	
Req. Limits for Last 3 Readings			+/- 0.1	3%	3%	+/- 10 mv	10% > 0.5	10% > 5	

Pump Mfg & Model	Color	Odor	Purge Vol (ml)	Sample Depth (ft.)
peristaltic pump	Clear	—	7680	10.05

Sample Containers

Type & No.	Volume	Preservative	Type & No.	Volume	Preservative
2 vials	2 x 40mL	HCl			

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Monitor Well Data Sheet

Well ID: MW-107

Page 1 of 2

Site Background Information

Site Location:	63 West Merrick Rd, Lindenhurst, NY	Sampling Dates:	4/25-26/23
Job Number:	DEC1004.OM	Field Team Leader:	—
Weather:	M. Cloudy, 58°F	Team Personnel:	DJA, KG, CJL

Ground Water Elevation Data

Date	Time	Sampler Name	Equipment Model	Depth to Water (ft)	Depth to Bottom (ft)
4-25-23	12:59	CJL	Solinst-101	uncorrected —	uncorrected —
			corr. factor 0	corrected 6.42	corrected 14.60

Measurement Point: 2" pvc, HW

Well Condition (circle one)

General Condition	Visible Well ID	Well Cap Present	Well Plumbness	Lock
Good	yes	yes	Good	yes
Concrete Collar	Ponded Water	Comments:		
Good	No			

Well Purging Data

Date	Time						Sampler Initials	Instrument Calibration Date
	Equipment Set-up		Purging		Sample Collection			
	Start	Finish	Start	Finish	Start	Finish		
4-25-23	12:55	1:04	1:04	2:03	2:03	2:04	CJL	4-24-23

Instrument Mfg & Model

pH	YSI 600XL-M / YSI 556 - Serial # 21F05
Temp.	
Sp. Cond.	
ORP	
DO	
Turbidity	HF Scientific DRT-15CE - Serial # HRP-7

Initial Water Depth (ft):			Time:		Sp Con (uS)	ORP (mV)	DO (mg/l)	Turbidity (ntu)
Time	Water Depth (ft)	Flow Rate (ml/min)	pH (s.u.)	Temp (°C)				
1:07	6.44	120	6.46	12.76	295	133.8	0.79	32.1
1:12	6.44		6.37	12.75	330	60.5	0.61	12.3
1:17	6.44		6.41	12.74	342	34.5	0.62	11.5
1:22	6.44		6.43	12.79	345	-3.7	0.79	8.55
1:27	6.44		6.48	12.77	365	-27.0	0.55	7.04
1:32	6.44		6.46	12.83	352	-45.1	0.44	3.47
1:37	6.44		6.46	12.84	352	-56.0	0.40	2.94
1:42	6.44	✓	6.48	12.86	364	-68.7	0.36	1.63
1:47	6.44	✓	6.50	12.89	369	-74.1	0.34	1.38
Req. Limits for Last 3 Readings			+/- 0.1	3%	3%	+/- 10 mv	10% > 0.5	10% > 5

Pump Mfg & Model	Color	Odor	Purge Vol (ml)	Sample Depth (ft.)
peristaltic pump	clear	—	7080	10.51

Sample Containers

Type & No.	Volume	Preservative	Type & No.	Volume	Preservative
2 vials	2x 40mL	HCl			

HRP Associates, Inc.
197 Scott Swamp Rd.
Farmington, CT 06032
(860) 674-9570

Monitor Well Data Sheet

Well ID: Mw-108

Page 1 of 1

Site Background Information

Site Location:

63 West Merrick Rd, Lindenhurst, NY

Job Number:

DEC1004.OM

Weather:

SUNNY 77°

Sampling Dates:

7-25-23 - 7-26-23

Field Team Leader:

Team Personnel:

KG, CL, OJA

Ground Water Elevation Data

Date	Time	Sampler Name	Equipment Model	Depth to Water (ft)	Depth to Bottom (ft)
4/25/23	3:17	KG	Solinst-101	uncorrected	uncorrected
			corr. factor 0	corrected 6.77	corrected 14.42

Measurement Point: 2" pvc HW

Well Condition (circle one)

General Condition	Visible Well ID	Well Cap Present	Well Plumbness	Lock
good	yes	yes	good	yes
Concrete Collar	Ponded Water	Comments:		
good	NO			

Well Purging Data

Date	Time						Sampler Initials	Instrument Calibration Date
	Equipment Set-up		Purging		Sample Collection			
	Start	Finish	Start	Finish	Start	Finish		
4/26/23	7:45	8:31	8:31	9:18	9:15	9:17	DTA	4-26-23

Instrument Mfg & Model

pH	YSI 600XL-M / YSI 556 - Serial # 19601
Temp.	
Sp. Cond.	
ORP	
DO	
Turbidity	HF Scientific DRT-15CE - Serial # HRP # 4

Initial Water Depth (ft):		Time:						
Time	Water Depth (ft)	Flow Rate (ml/min)	pH (s.u.)	Temp (°C)	Sp Con (uS)	ORP (mV)	DO (mg/l)	Turbidity (ntu)
8:35	6.80	120	6.51	12.23	436	-27.8	1.33	3.55
8:40	6.79		6.45	12.24	421	-32.1	0.82	5.29
8:45	6.79		6.46	12.39	423	-36.2	0.79	4.17
8:50	6.79		6.47	12.40	425	-39.5	0.79	3.92
8:55	6.79		6.49	12.39	432	-42.6	0.82	2.95
9:00	6.79		6.51	12.38	440	-44.0	0.96	2.69
9:05	6.79		6.53	12.37	446	-45.0	1.06	2.43
9:10	6.79		6.55	12.35	449	-45.7	1.12	2.65
9:15	6.79		6.55	12.36	454	-46.1	1.12	1.83
Req. Limits for Last 3 Readings			+/- 0.1	3%	3%	+/- 10 mv	10% > 0.5	10% > 5

Pump Mfg & Model	Color	Odor	Purge Vol (ml)	Sample Depth (ft.)
peristaltic pump	clear	—	5280	10.60

Sample Containers

Type & No.	Volume	Preservative	Type & No.	Volume	Preservative
3 vials	3x 40mL	HCl			

HRP Associates, Inc.
197 Scott Swamp Rd.
Farmington, CT 06032
(860) 674-9570

Monitor Well Data Sheet

Well ID: Mw-109

Page 1 of 2

Site Background Information

Site Location:	63 West Merrick Rd, Lindenhurst, NY	Sampling Dates:	4/25 - 4/26/23
Job Number:	DEC1004.OM	Field Team Leader:	
Weather:	P. Sunny 56°F	Team Personnel:	D.A., C.S., K.A.

Ground Water Elevation Data

Date	Time	Sampler Name	Equipment Model	Depth to Water (ft)	Depth to Bottom (ft)
4/25/23	11:35	KA	Solinst-101	uncorrected	uncorrected
			corr. factor 0	corrected 0.70	corrected 34.50

Measurement Point: 2" pvc HW

Well Condition (circle one)

General Condition	Visible Well ID	Well Cap Present	Well Plumbness	Lock
Fair	No	Yes	Yes Good	Yes
Concrete Collar	Ponded Water	Comments: 1 Bolt tab broken, No bolts		
Good	No			

Well Purging Data

Date	Time						Sampler Initials	Instrument Calibration Date
	Equipment Set-up		Purging		Sample Collection			
	Start	Finish	Start	Finish	Start	Finish		
4/25/23	11:35	11:40	11:40	12:45	12:45	12:49	KA	4/24/23

Instrument Mfg & Model

pH	YSI 600XL-M / YSI 556 - Serial # 040286083
Temp.	
Sp. Cond.	
ORP	
DO	
Turbidity	HF Scientific DRT-15CE - Serial # H21-1

Initial Water Depth (ft):			Time:					
Time	Water Depth (ft)	Flow Rate (ml/min)	pH (s.u.)	Temp (°C)	Sp Con (uS)	ORP (mV)	DO (mg/l)	Turbidity (ntu)
11:42	0.68	130	6.64	12.73	33104	250.1	5.05	4.70
11:47	0.69		6.22	12.72	36944	223.1	4.68	0.94
11:52	0.69		6.31	12.71	37207	213.3	3.85	1.29
11:57	0.69		6.36	12.65	37806	204.4	3.19	1.74
12:02	0.68		6.34	12.64	36652	197.4	2.80	4.12
12:07	0.69		6.29	12.68	36767	193.0	2.52	2.41
12:12	0.66		6.32	12.92	36700	189.0	2.22	1.36
12:17	0.65		6.31	12.81	36450	184.3	2.06	1.89
12:22	0.64		6.32	12.79	36701	181.0	1.87	1.10
Req. Limits for Last 3 Readings			+/- 0.1	3%	3%	+/- 10 mv	10% > 0.5	10% > 5

Pump Mfg & Model	Color	Odor	Purge Vol (ml)	Sample Depth (ft.)
peristaltic pump	clear	—	8840	29.50

Sample Containers

Type & No.	Volume	Preservative	Type & No.	Volume	Preservative
3 vials	3 x 40mL	HCl			

Type & No.	Volume	Preservative
3 vials	3 x 40mL	HCl

HRP Associates, Inc.
197 Scott Swamp Rd.
Farmington, CT 06032
(860) 674-9570

Monitor Well Data Sheet

Well ID: MW-111

Page 1 of 1

Site Background Information

Site Location: 63 West Merrick Rd, Lindenhurst, NY
Job Number: DEC1004.OM
Weather: Sunny 56°F
Sampling Dates: 4/25 - 4/26/23
Field Team Leader:
Team Personnel: DJA, CJC, KG

Ground Water Elevation Data

Date	Time	Sampler Name	Equipment Model	Depth to Water (ft)	Depth to Bottom (ft)
4/25/23	2:21	KG	Solinst-101	uncorrected	uncorrected
			corr. factor 0	corrected 2.86	corrected 34.40

Measurement Point: 2" pvc HW

Well Condition (circle one)

General Condition	Visible Well ID	Well Cap Present	Well Plumbness	Lock
<u>Fair</u>	<u>No</u>	<u>Yes</u>	<u>Good</u>	<u>Yes</u>
Concrete Collar	Ponded Water	Comments:		
<u>Good</u>	<u>No</u>	<u>Bolt tabs broken (2)</u>		

Well Purging Data

Date	Time						Sampler Initials	Instrument Calibration Date
	Equipment Set-up		Purging		Sample Collection			
	Start	Finish	Start	Finish	Start	Finish		
4/25/23	2:21	2:23	2:23	3:06	3:06	3:07	KG	4/24/23

Instrument Mfg & Model

pH	YSI 600XL-M / YSI 556 - Serial # <u>040286698</u>
Temp.	
Sp. Cond.	
ORP	
DO	
Turbidity	HF Scientific DRT-15CE - Serial # <u>HRA-1</u>

Initial Water Depth (ft):		Time:						
Time	Water Depth (ft)	Flow Rate (ml/min)	pH (s.u.)	Temp (°C)	Sp Con (uS)	ORP (mV)	DO (mg/l)	Turbidity (ntu)
2:25	3.12	160	8.89	12.31	3749	-2820	1.42	9.15
2:30	3.11		8.85	13.18	294	-7.8	1.53	5.26
2:35	3.08		6.10	13.16	294	13.0	1.20	4.51
2:40	3.08		5.99	13.23	294	27.1	1.05	3.99
2:45	3.08		5.92	13.18	294	37.6	0.89	2.53
2:50	3.09		5.88	13.04	294	44.6	0.81	1.66
2:55	3.09		5.83	13.01	294	51.2	0.73	1.49
3:00	3.08		5.82	13.02	294	55.6	0.66	1.51
3:05	3.08		5.82	12.98	294	59.9	0.68	1.22
Req. Limits for Last 3 Readings			+/- 0.1	3%	3%	+/- 10 mv	10% > 0.5	10% > 5

Pump Mfg & Model	Color	Odor	Purge Vol (ml)	Sample Depth (ft.)
peristaltic pump	clear	—	6580	29.40

Sample Containers

Type & No.	Volume	Preservative	Type & No.	Volume	Preservative
3 vials	3 x 40mL	HCl			

HRP Associates, Inc.
197 Scott Swamp Rd.
Farmington, CT 06032
(860) 674-9570

Monitor Well Data Sheet

Well ID: RW-1

Page 1 of 1

Site Background Information

Site Location: 63 West Merrick Rd, Lindenhurst, NY
Job Number: DEC1004.OM
Weather: P. Sunny, 53°F
Sampling Dates: 4/25-26/23
Field Team Leader: —
Team Personnel: DIA, KG, CJL

Ground Water Elevation Data

Date	Time	Sampler Name	Equipment Model	Depth to Water (ft)	Depth to Bottom (ft)
4/25/23	3:12	KG	Solinst-101	uncorrected —	uncorrected —
			corr. factor 0	corrected 9.41	corrected 33.92

Measurement Point: 8" steel recovery well

Well Condition (circle one)

General Condition	Visible Well ID	Well Cap Present	Well Plumbness	Lock
Good	yes		Good	No
Concrete Collar	Ponded Water	Comments:		
Good	No			

Well Purging Data

Date	Time						Sampler Initials	Instrument Calibration Date
	Equipment Set-up		Purging		Sample Collection			
	Start	Finish	Start	Finish	Start	Finish		
4-26-23	9:16	9:33	9:33	10:12	10:12	10:15	CJL	4-26-23

Instrument Mfg & Model

pH	YSI 600XL-M / YSI 556 - Serial # 21F05
Temp.	
Sp. Cond.	
ORP	
DO	
Turbidity	HF Scientific DRT-15CE - Serial # HRP-7

Initial Water Depth (ft):		Time:						
Time	Water Depth (ft)	Flow Rate (ml/min)	pH (s.u.)	Temp (°C)	Sp Con (uS)	ORP (mV)	DO (mg/l)	Turbidity (ntu)
9:36	9.47	120	6.77	13.65	356	143.1	0.44	24.7
9:41	9.47		6.69	13.53	356	118.2	0.32	10.9
9:46	9.47		6.68	13.56	356	105.5	0.29	4.21
9:51	9.47		6.69	13.73	356	94.0	0.37	1.67
9:56	9.47		6.67	13.63	356	87.1	0.94	2.46
10:01	9.47		6.67	13.76	356	79.7	0.42	2.01
10:06	9.47		6.69	13.79	356	76.2	0.39	1.33
10:11	9.47		6.68	13.73	356	74.9	0.29	1.26

Req. Limits for Last 3 Readings +/- 0.1 3% 3% +/- 10 mv 10% > 0.5 10% > 5

Pump Mfg & Model	Color	Odor	Purge Vol (ml)	Sample Depth (ft.)
peristaltic pump	clear w/ slight Floc.	—	4680	28.92

Sample Containers

Type & No.	Volume	Preservative	Type & No.	Volume	Preservative
3 vials	3 x 40mL	HCl			
1 plastic	250mL	HNO3			

HRP Associates, Inc.
197 Scott Swamp Rd.
Farmington, CT 06032
(860) 674-9570

Monitor Well Data Sheet

Well ID: RW-2

Page 1 of 2

Site Background Information

Site Location:	63 West Merrick Rd, Lindenhurst, NY	Sampling Dates:	4/25 - 4/26/23
Job Number:	DEC1004.OM	Field Team Leader:	
Weather:	Overcast 56°F	Team Personnel:	DJA, GJL, KG

Ground Water Elevation Data

Date	Time	Sampler Name	Equipment Model	Depth to Water (ft)	Depth to Bottom (ft)
4/25/23	12:56	KG	Solinst-101	uncorrected	uncorrected
			corr. factor 0	corrected 0.73	corrected 35.05

Measurement Point: 8" steel recovery well

Well Condition (circle one)

General Condition	Visible Well ID	Well Cap Present	Well Plumbness	Lock
Good	No	No	Good	NO
Concrete Collar	Ponded Water	Comments: Dupe = MW-A		
N/A	Yes			

Well Purging Data

Date	Time						Sampler Initials	Instrument Calibration Date
	Equipment Set-up		Purging		Sample Collection			
	Start	Finish	Start	Finish	Start	Finish		
4/25/23	12:56	1:00	1:00	2:09	2:09	2:14	KG	4/24/23

Instrument Mfg & Model

pH	YSI 600XL-M / YSI 556 - Serial # 0402866AB
Temp.	
Sp. Cond.	
ORP	
DO	
Turbidity	HF Scientific DRT-15CE - Serial # HPT-1

Initial Water Depth (ft):		Time:						
Time	Water Depth (ft)	Flow Rate (ml/min)	pH (s.u.)	Temp (°C)	Sp Con (uS)	ORP (mV)	DO (mg/l)	Turbidity (ntu)
1:03	0.73	100	8.32	12.01	4559	95.5	4.08	51.4
1:08	0.77		8.73	11.86	3941	82.9	3.69	29.7
1:13	0.88		8.83	11.81	3780	60.6	3.73	27.9
1:18	0.80		8.87	11.82	3763	29.0	3.76	33.1
1:23	0.82		8.92	11.79	3762	-24.1	3.40	34.0
1:28	0.84		8.94	11.75	3761	-90.1	2.95	30.6
1:33	0.86		8.95	11.75	3761	-152.1	2.61	27.6
1:38	0.87		8.96	11.77	3760	-229.7	2.35	26.9
1:43	0.88		8.96	11.82	3758	-285.3	2.17	27.7
Req. Limits for Last 3 Readings			+/- 0.1	3%	3%	+/- 10 mv	10% > 0.5	10% > 5

Pump Mfg & Model	Color	Odor	Purge Vol (ml)	Sample Depth (ft.)
peristaltic pump	cloudy	—	6900	30.05

Sample Containers

Type & No.	Volume	Preservative	Type & No.	Volume	Preservative
2 vials	2 x 40mL	HCl			
1 plastic	250mL	HNO3			

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Appendix B

Laboratory Analytical Data

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May 9, 2023

Payson Long
NYDEC_HRP Associates, Inc. - Farmington, CT
197 Scott Swamp Road
Farmington, CT 06032

Project Location: 63 West Merrick Rd., Lindenhurst, NY
Client Job Number:
Project Number: 152125
Laboratory Work Order Number: 23D3326

Enclosed are results of analyses for samples as received by the laboratory on April 27, 2023. If you have any questions concerning this report, please feel free to contact me.

Sincerely,



Raymond J. McCarthy
Project Manager

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

NYDEC_HRP Associates, Inc. - Farmington, CT
197 Scott Swamp Road
Farmington, CT 06032
ATTN: Payson Long

REPORT DATE: 5/9/2023

PURCHASE ORDER NUMBER: 142842

PROJECT NUMBER: 152125

ANALYTICAL SUMMARY

WORK ORDER NUMBER: 23D3326

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

PROJECT LOCATION: 63 West Merrick Rd., Lindenhurst, NY

FIELD SAMPLE #	LAB ID:	MATRIX	SAMPLE DESCRIPTION	TEST	SUB LAB
MW-2S	23D3326-01	Ground Water		SW-846 8260D	
MW-4D	23D3326-02	Ground Water		SW-846 8260D	
MW-5S	23D3326-03	Ground Water		SW-846 8260D	
MW-101	23D3326-04	Ground Water		SW-846 8260D	
MW-102	23D3326-05	Ground Water		SW-846 8260D	
MW-103	23D3326-06	Ground Water		SW-846 8260D	
MW-104	23D3326-07	Ground Water		SW-846 8260D	
MW-105	23D3326-08	Ground Water		SW-846 8260D	
MW-106	23D3326-09	Ground Water		SW-846 8260D	
MW-107	23D3326-10	Ground Water		SW-846 8260D	
MW-108	23D3326-11	Ground Water		SW-846 8260D	
MW-109	23D3326-12	Ground Water		SW-846 8260D	
MW-111	23D3326-13	Ground Water		SW-846 8260D	
RW-1	23D3326-14	Ground Water		SW-846 6010D	
				SW-846 7470A	
				SW-846 8260D	
RW-2	23D3326-15	Ground Water		SW-846 6010D	
				SW-846 7470A	
				SW-846 8260D	
MW-A	23D3326-16	Ground Water		SW-846 6010D	
				SW-846 7470A	
				SW-846 8260D	
MW-B	23D3326-17	Ground Water		SW-846 8260D	
TB-1	23D3326-18	Trip Blank Water		SW-846 8260D	
TB-2	23D3326-19	Trip Blank Water		SW-846 8260D	

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

CASE NARRATIVE SUMMARY

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

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

SW-846 6010D

Qualifications:

B

Analyte is found in the associated laboratory blank as well as in the sample.

Analyte & Samples(s) Qualified:**Copper**

B339211-BLK1

SW-846 7470A

Qualifications:

B

Analyte is found in the associated laboratory blank as well as in the sample.

Analyte & Samples(s) Qualified:**Mercury**

23D3326-16[MW-A], B339191-BLK1

SW-846 8260D

Qualifications:

DL-01

Elevated reporting limits for all volatile compounds due to foaming sample matrix.

Analyte & Samples(s) Qualified:

23D3326-15[RW-2], 23D3326-16[MW-A]

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:**Methyl Acetate**

B338780-BS1

RL-11

Elevated reporting limit due to high concentration of target compounds.

Analyte & Samples(s) Qualified:

23D3326-02[MW-4D]

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

V-05

Continuing calibration verification (CCV) did not meet method specifications and was biased on the low side for this compound.

Analyte & Samples(s) Qualified:**1,2-Dibromo-3-chloropropane (DBCP)**

23D3326-06[MW-103], 23D3326-07[MW-104], 23D3326-08[MW-105], 23D3326-09[MW-106], 23D3326-10[MW-107], 23D3326-11[MW-108], 23D3326-12[MW-109], 23D3326-13[MW-111], 23D3326-14[RW-1], 23D3326-15[RW-2], 23D3326-16[MW-A], 23D3326-17[MW-B], 23D3326-18[TB-1], 23D3326-19[TB-2], B338780-BLK1, B338780-BS1, B338780-BSD1, S086724-CCV1

2,2-Dichloropropane

23D3326-06[MW-103], 23D3326-07[MW-104], 23D3326-08[MW-105], 23D3326-09[MW-106], 23D3326-10[MW-107], 23D3326-11[MW-108], 23D3326-12[MW-109], 23D3326-13[MW-111], 23D3326-14[RW-1], 23D3326-15[RW-2], 23D3326-16[MW-A], 23D3326-17[MW-B], 23D3326-18[TB-1], 23D3326-19[TB-2], B338780-BLK1, B338780-BS1, B338780-BSD1, S086724-CCV1

Bromoform

23D3326-06[MW-103], 23D3326-07[MW-104], 23D3326-08[MW-105], 23D3326-09[MW-106], 23D3326-10[MW-107], 23D3326-11[MW-108], 23D3326-12[MW-109], 23D3326-13[MW-111], 23D3326-14[RW-1], 23D3326-15[RW-2], 23D3326-16[MW-A], 23D3326-17[MW-B], 23D3326-18[TB-1], 23D3326-19[TB-2], B338780-BLK1, B338780-BS1, B338780-BSD1, S086724-CCV1

Methyl Acetate

23D3326-01[MW-2S], 23D3326-02[MW-4D], 23D3326-03[MW-5S], 23D3326-04[MW-101], 23D3326-05[MW-102], 23D3326-06[MW-103], 23D3326-07[MW-104], 23D3326-08[MW-105], 23D3326-09[MW-106], 23D3326-10[MW-107], 23D3326-11[MW-108], 23D3326-12[MW-109], 23D3326-13[MW-111], 23D3326-14[RW-1], 23D3326-15[RW-2], 23D3326-16[MW-A], 23D3326-17[MW-B], 23D3326-18[TB-1], 23D3326-19[TB-2], B338774-BLK1, B338774-BS1, B338774-BSD1, B338780-BLK1, B338780-BS1, B338780-BSD1, S086723-CCV1, S086724-CCV1

Naphthalene

23D3326-01[MW-2S], 23D3326-02[MW-4D], 23D3326-03[MW-5S], 23D3326-04[MW-101], 23D3326-05[MW-102], B338774-BLK1, B338774-BS1, B338774-BSD1, S086723-CCV1

tert-Butyl Alcohol (TBA)

23D3326-01[MW-2S], 23D3326-02[MW-4D], 23D3326-03[MW-5S], 23D3326-04[MW-101], 23D3326-05[MW-102], 23D3326-06[MW-103], 23D3326-07[MW-104], 23D3326-08[MW-105], 23D3326-09[MW-106], 23D3326-10[MW-107], 23D3326-11[MW-108], 23D3326-12[MW-109], 23D3326-13[MW-111], 23D3326-14[RW-1], 23D3326-15[RW-2], 23D3326-16[MW-A], 23D3326-17[MW-B], 23D3326-18[TB-1], 23D3326-19[TB-2], B338774-BLK1, B338774-BS1, B338774-BSD1, B338780-BLK1, B338780-BS1, B338780-BSD1, S086723-CCV1, S086724-CCV1

trans-1,4-Dichloro-2-butene

23D3326-06[MW-103], 23D3326-07[MW-104], 23D3326-08[MW-105], 23D3326-09[MW-106], 23D3326-10[MW-107], 23D3326-11[MW-108], 23D3326-12[MW-109], 23D3326-13[MW-111], 23D3326-14[RW-1], 23D3326-15[RW-2], 23D3326-16[MW-A], 23D3326-17[MW-B], 23D3326-18[TB-1], 23D3326-19[TB-2], B338780-BLK1, B338780-BS1, B338780-BSD1, S086724-CCV1

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:**Dichlorodifluoromethane (Freon 12)**

B338774-BS1, B338774-BSD1, S086723-CCV1

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

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

Project Location: 63 West Merrick Rd., Lindenhurst

Sample Description:

Work Order: 23D3326

Date Received: 4/27/2023

Field Sample #: MW-2S

Sampled: 4/26/2023 09:34

Sample ID: 23D3326-01

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	3.5	50	2.0	µg/L	1	J	SW-846 8260D	5/1/23	5/1/23 15:07	MFF
Acrylonitrile	ND	5.0	0.47	µg/L	1		SW-846 8260D	5/1/23	5/1/23 15:07	MFF
tert-Amyl Methyl Ether (TAME)	ND	0.50	0.13	µg/L	1		SW-846 8260D	5/1/23	5/1/23 15:07	MFF
Benzene	ND	1.0	0.18	µg/L	1		SW-846 8260D	5/1/23	5/1/23 15:07	MFF
Bromobenzene	ND	1.0	0.15	µg/L	1		SW-846 8260D	5/1/23	5/1/23 15:07	MFF
Bromochloromethane	ND	1.0	0.28	µg/L	1		SW-846 8260D	5/1/23	5/1/23 15:07	MFF
Bromodichloromethane	ND	0.50	0.16	µg/L	1		SW-846 8260D	5/1/23	5/1/23 15:07	MFF
Bromoform	ND	1.0	0.41	µg/L	1		SW-846 8260D	5/1/23	5/1/23 15:07	MFF
Bromomethane	ND	2.0	1.3	µg/L	1		SW-846 8260D	5/1/23	5/1/23 15:07	MFF
2-Butanone (MEK)	ND	20	1.7	µg/L	1		SW-846 8260D	5/1/23	5/1/23 15:07	MFF
tert-Butyl Alcohol (TBA)	ND	20	4.3	µg/L	1	V-05	SW-846 8260D	5/1/23	5/1/23 15:07	MFF
n-Butylbenzene	ND	1.0	0.15	µg/L	1		SW-846 8260D	5/1/23	5/1/23 15:07	MFF
sec-Butylbenzene	ND	1.0	0.13	µg/L	1		SW-846 8260D	5/1/23	5/1/23 15:07	MFF
tert-Butylbenzene	ND	1.0	0.14	µg/L	1		SW-846 8260D	5/1/23	5/1/23 15:07	MFF
tert-Butyl Ethyl Ether (TBEE)	ND	0.50	0.15	µg/L	1		SW-846 8260D	5/1/23	5/1/23 15:07	MFF
Carbon Disulfide	ND	5.0	1.6	µg/L	1		SW-846 8260D	5/1/23	5/1/23 15:07	MFF
Carbon Tetrachloride	ND	5.0	0.16	µg/L	1		SW-846 8260D	5/1/23	5/1/23 15:07	MFF
Chlorobenzene	ND	1.0	0.12	µg/L	1		SW-846 8260D	5/1/23	5/1/23 15:07	MFF
Chlorodibromomethane	ND	0.50	0.20	µg/L	1		SW-846 8260D	5/1/23	5/1/23 15:07	MFF
Chloroethane	ND	2.0	0.34	µg/L	1		SW-846 8260D	5/1/23	5/1/23 15:07	MFF
Chloroform	ND	2.0	0.14	µg/L	1		SW-846 8260D	5/1/23	5/1/23 15:07	MFF
Chloromethane	ND	2.0	0.50	µg/L	1		SW-846 8260D	5/1/23	5/1/23 15:07	MFF
2-Chlorotoluene	ND	1.0	0.15	µg/L	1		SW-846 8260D	5/1/23	5/1/23 15:07	MFF
4-Chlorotoluene	ND	1.0	0.15	µg/L	1		SW-846 8260D	5/1/23	5/1/23 15:07	MFF
1,2-Dibromo-3-chloropropane (DBCP)	ND	5.0	0.85	µg/L	1		SW-846 8260D	5/1/23	5/1/23 15:07	MFF
1,2-Dibromoethane (EDB)	ND	0.50	0.16	µg/L	1		SW-846 8260D	5/1/23	5/1/23 15:07	MFF
Dibromomethane	ND	1.0	0.32	µg/L	1		SW-846 8260D	5/1/23	5/1/23 15:07	MFF
1,2-Dichlorobenzene	ND	1.0	0.13	µg/L	1		SW-846 8260D	5/1/23	5/1/23 15:07	MFF
1,3-Dichlorobenzene	ND	1.0	0.14	µg/L	1		SW-846 8260D	5/1/23	5/1/23 15:07	MFF
1,4-Dichlorobenzene	ND	1.0	0.13	µg/L	1		SW-846 8260D	5/1/23	5/1/23 15:07	MFF
trans-1,4-Dichloro-2-butene	ND	2.0	1.5	µg/L	1		SW-846 8260D	5/1/23	5/1/23 15:07	MFF
Dichlorodifluoromethane (Freon 12)	ND	2.0	0.16	µg/L	1		SW-846 8260D	5/1/23	5/1/23 15:07	MFF
1,1-Dichloroethane	ND	1.0	0.14	µg/L	1		SW-846 8260D	5/1/23	5/1/23 15:07	MFF
1,2-Dichloroethane	ND	1.0	0.30	µg/L	1		SW-846 8260D	5/1/23	5/1/23 15:07	MFF
1,1-Dichloroethylene	ND	1.0	0.14	µg/L	1		SW-846 8260D	5/1/23	5/1/23 15:07	MFF
cis-1,2-Dichloroethylene	34	1.0	0.14	µg/L	1		SW-846 8260D	5/1/23	5/1/23 15:07	MFF
trans-1,2-Dichloroethylene	ND	1.0	0.17	µg/L	1		SW-846 8260D	5/1/23	5/1/23 15:07	MFF
1,2-Dichloropropane	ND	1.0	0.19	µg/L	1		SW-846 8260D	5/1/23	5/1/23 15:07	MFF
1,3-Dichloropropane	ND	0.50	0.12	µg/L	1		SW-846 8260D	5/1/23	5/1/23 15:07	MFF
2,2-Dichloropropane	ND	1.0	0.35	µg/L	1		SW-846 8260D	5/1/23	5/1/23 15:07	MFF
1,1-Dichloropropene	ND	2.0	0.15	µg/L	1		SW-846 8260D	5/1/23	5/1/23 15:07	MFF
cis-1,3-Dichloropropene	ND	0.50	0.16	µg/L	1		SW-846 8260D	5/1/23	5/1/23 15:07	MFF
trans-1,3-Dichloropropene	ND	0.50	0.14	µg/L	1		SW-846 8260D	5/1/23	5/1/23 15:07	MFF
Diethyl Ether	ND	2.0	0.14	µg/L	1		SW-846 8260D	5/1/23	5/1/23 15:07	MFF

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

Project Location: 63 West Merrick Rd., Lindenhurst

Sample Description:

Work Order: 23D3326

Date Received: 4/27/2023

Field Sample #: MW-2S

Sampled: 4/26/2023 09:34

Sample ID: 23D3326-01

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	0.20	µg/L	1		SW-846 8260D	5/1/23	5/1/23 15:07	MFF
1,4-Dioxane	ND	50	18	µg/L	1		SW-846 8260D	5/1/23	5/1/23 15:07	MFF
Ethylbenzene	ND	1.0	0.22	µg/L	1		SW-846 8260D	5/1/23	5/1/23 15:07	MFF
Hexachlorobutadiene	ND	0.60	0.47	µg/L	1		SW-846 8260D	5/1/23	5/1/23 15:07	MFF
2-Hexanone (MBK)	ND	10	1.2	µg/L	1		SW-846 8260D	5/1/23	5/1/23 15:07	MFF
Isopropylbenzene (Cumene)	ND	1.0	0.15	µg/L	1		SW-846 8260D	5/1/23	5/1/23 15:07	MFF
p-Isopropyltoluene (p-Cymene)	ND	1.0	0.13	µg/L	1		SW-846 8260D	5/1/23	5/1/23 15:07	MFF
Methyl Acetate	ND	1.0	0.61	µg/L	1	V-05	SW-846 8260D	5/1/23	5/1/23 15:07	MFF
Methyl tert-Butyl Ether (MTBE)	ND	1.0	0.17	µg/L	1		SW-846 8260D	5/1/23	5/1/23 15:07	MFF
Methyl Cyclohexane	ND	1.0	0.16	µg/L	1		SW-846 8260D	5/1/23	5/1/23 15:07	MFF
Methylene Chloride	ND	5.0	0.18	µg/L	1		SW-846 8260D	5/1/23	5/1/23 15:07	MFF
4-Methyl-2-pentanone (MIBK)	ND	10	1.3	µg/L	1		SW-846 8260D	5/1/23	5/1/23 15:07	MFF
Naphthalene	ND	2.0	0.38	µg/L	1	V-05	SW-846 8260D	5/1/23	5/1/23 15:07	MFF
n-Propylbenzene	ND	1.0	0.12	µg/L	1		SW-846 8260D	5/1/23	5/1/23 15:07	MFF
Styrene	ND	1.0	0.15	µg/L	1		SW-846 8260D	5/1/23	5/1/23 15:07	MFF
1,1,1,2-Tetrachloroethane	ND	1.0	0.16	µg/L	1		SW-846 8260D	5/1/23	5/1/23 15:07	MFF
1,1,2,2-Tetrachloroethane	ND	0.50	0.14	µg/L	1		SW-846 8260D	5/1/23	5/1/23 15:07	MFF
Tetrachloroethylene	8.7	1.0	0.17	µg/L	1		SW-846 8260D	5/1/23	5/1/23 15:07	MFF
Tetrahydrofuran	ND	10	0.49	µg/L	1		SW-846 8260D	5/1/23	5/1/23 15:07	MFF
Toluene	ND	1.0	0.22	µg/L	1		SW-846 8260D	5/1/23	5/1/23 15:07	MFF
1,2,3-Trichlorobenzene	ND	5.0	0.34	µg/L	1		SW-846 8260D	5/1/23	5/1/23 15:07	MFF
1,2,4-Trichlorobenzene	ND	1.0	0.30	µg/L	1		SW-846 8260D	5/1/23	5/1/23 15:07	MFF
1,3,5-Trichlorobenzene	ND	1.0	0.21	µg/L	1		SW-846 8260D	5/1/23	5/1/23 15:07	MFF
1,1,1-Trichloroethane	ND	1.0	0.15	µg/L	1		SW-846 8260D	5/1/23	5/1/23 15:07	MFF
1,1,2-Trichloroethane	ND	1.0	0.19	µg/L	1		SW-846 8260D	5/1/23	5/1/23 15:07	MFF
Trichloroethylene	3.2	1.0	0.17	µg/L	1		SW-846 8260D	5/1/23	5/1/23 15:07	MFF
Trichlorofluoromethane (Freon 11)	ND	2.0	0.15	µg/L	1		SW-846 8260D	5/1/23	5/1/23 15:07	MFF
1,2,3-Trichloropropane	ND	2.0	0.28	µg/L	1		SW-846 8260D	5/1/23	5/1/23 15:07	MFF
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	1.0	0.21	µg/L	1		SW-846 8260D	5/1/23	5/1/23 15:07	MFF
1,2,4-Trimethylbenzene	ND	1.0	0.20	µg/L	1		SW-846 8260D	5/1/23	5/1/23 15:07	MFF
1,3,5-Trimethylbenzene	ND	1.0	0.15	µg/L	1		SW-846 8260D	5/1/23	5/1/23 15:07	MFF
Vinyl Chloride	2.2	2.0	0.24	µg/L	1		SW-846 8260D	5/1/23	5/1/23 15:07	MFF
m+p Xylene	ND	2.0	0.49	µg/L	1		SW-846 8260D	5/1/23	5/1/23 15:07	MFF
o-Xylene	ND	1.0	0.24	µg/L	1		SW-846 8260D	5/1/23	5/1/23 15:07	MFF
Surrogates	% Recovery		Recovery Limits		Flag/Qual					
1,2-Dichloroethane-d4	112		70-130				5/1/23 15:07			
Toluene-d8	98.6		70-130				5/1/23 15:07			
4-Bromofluorobenzene	90.2		70-130				5/1/23 15:07			

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

Project Location: 63 West Merrick Rd., Lindenhurst

Sample Description:

Work Order: 23D3326

Date Received: 4/27/2023

Field Sample #: MW-2S

Sampled: 4/26/2023 09:34

Sample ID: 23D3326-01

Sample Matrix: Ground Water

Volatile Organic Compounds by GC/MS (SIM)

Analyte	Results	RL	DL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
1,4-Dioxane	ND	2.0	1.7	µg/L	1		SW-846 8260D	5/4/23	5/7/23 11:01	EEH
Surrogates	% Recovery		Recovery Limits		Flag/Qual					
1,4-Dioxane-d8	99.5		40-160				5/7/23 11:01			

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

Project Location: 63 West Merrick Rd., Lindenhurst

Sample Description:

Work Order: 23D3326

Date Received: 4/27/2023

Field Sample #: MW-4D

Sampled: 4/26/2023 10:11

Sample ID: 23D3326-02

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	4.0	µg/L	2		SW-846 8260D	5/1/23	5/1/23 20:01	MFF
Acrylonitrile	ND	10	0.93	µg/L	2		SW-846 8260D	5/1/23	5/1/23 20:01	MFF
tert-Amyl Methyl Ether (TAME)	ND	1.0	0.26	µg/L	2		SW-846 8260D	5/1/23	5/1/23 20:01	MFF
Benzene	ND	2.0	0.37	µg/L	2		SW-846 8260D	5/1/23	5/1/23 20:01	MFF
Bromobenzene	ND	2.0	0.30	µg/L	2		SW-846 8260D	5/1/23	5/1/23 20:01	MFF
Bromochloromethane	ND	2.0	0.57	µg/L	2		SW-846 8260D	5/1/23	5/1/23 20:01	MFF
Bromodichloromethane	ND	1.0	0.32	µg/L	2		SW-846 8260D	5/1/23	5/1/23 20:01	MFF
Bromoform	ND	2.0	0.82	µg/L	2		SW-846 8260D	5/1/23	5/1/23 20:01	MFF
Bromomethane	ND	4.0	2.6	µg/L	2		SW-846 8260D	5/1/23	5/1/23 20:01	MFF
2-Butanone (MEK)	ND	40	3.4	µg/L	2		SW-846 8260D	5/1/23	5/1/23 20:01	MFF
tert-Butyl Alcohol (TBA)	ND	40	8.5	µg/L	2	V-05	SW-846 8260D	5/1/23	5/1/23 20:01	MFF
n-Butylbenzene	ND	2.0	0.30	µg/L	2		SW-846 8260D	5/1/23	5/1/23 20:01	MFF
sec-Butylbenzene	ND	2.0	0.25	µg/L	2		SW-846 8260D	5/1/23	5/1/23 20:01	MFF
tert-Butylbenzene	ND	2.0	0.28	µg/L	2		SW-846 8260D	5/1/23	5/1/23 20:01	MFF
tert-Butyl Ethyl Ether (TBEE)	ND	1.0	0.31	µg/L	2		SW-846 8260D	5/1/23	5/1/23 20:01	MFF
Carbon Disulfide	ND	10	3.1	µg/L	2		SW-846 8260D	5/1/23	5/1/23 20:01	MFF
Carbon Tetrachloride	ND	10	0.33	µg/L	2		SW-846 8260D	5/1/23	5/1/23 20:01	MFF
Chlorobenzene	ND	2.0	0.24	µg/L	2		SW-846 8260D	5/1/23	5/1/23 20:01	MFF
Chlorodibromomethane	ND	1.0	0.40	µg/L	2		SW-846 8260D	5/1/23	5/1/23 20:01	MFF
Chloroethane	ND	4.0	0.68	µg/L	2		SW-846 8260D	5/1/23	5/1/23 20:01	MFF
Chloroform	ND	4.0	0.28	µg/L	2		SW-846 8260D	5/1/23	5/1/23 20:01	MFF
Chloromethane	ND	4.0	1.0	µg/L	2		SW-846 8260D	5/1/23	5/1/23 20:01	MFF
2-Chlorotoluene	ND	2.0	0.31	µg/L	2		SW-846 8260D	5/1/23	5/1/23 20:01	MFF
4-Chlorotoluene	ND	2.0	0.31	µg/L	2		SW-846 8260D	5/1/23	5/1/23 20:01	MFF
1,2-Dibromo-3-chloropropane (DBCP)	ND	10	1.7	µg/L	2		SW-846 8260D	5/1/23	5/1/23 20:01	MFF
1,2-Dibromoethane (EDB)	ND	1.0	0.32	µg/L	2		SW-846 8260D	5/1/23	5/1/23 20:01	MFF
Dibromomethane	ND	2.0	0.64	µg/L	2		SW-846 8260D	5/1/23	5/1/23 20:01	MFF
1,2-Dichlorobenzene	ND	2.0	0.26	µg/L	2		SW-846 8260D	5/1/23	5/1/23 20:01	MFF
1,3-Dichlorobenzene	ND	2.0	0.27	µg/L	2		SW-846 8260D	5/1/23	5/1/23 20:01	MFF
1,4-Dichlorobenzene	ND	2.0	0.26	µg/L	2		SW-846 8260D	5/1/23	5/1/23 20:01	MFF
trans-1,4-Dichloro-2-butene	ND	4.0	3.0	µg/L	2		SW-846 8260D	5/1/23	5/1/23 20:01	MFF
Dichlorodifluoromethane (Freon 12)	ND	4.0	0.32	µg/L	2		SW-846 8260D	5/1/23	5/1/23 20:01	MFF
1,1-Dichloroethane	ND	2.0	0.27	µg/L	2		SW-846 8260D	5/1/23	5/1/23 20:01	MFF
1,2-Dichloroethane	ND	2.0	0.61	µg/L	2		SW-846 8260D	5/1/23	5/1/23 20:01	MFF
1,1-Dichloroethylene	ND	2.0	0.28	µg/L	2		SW-846 8260D	5/1/23	5/1/23 20:01	MFF
cis-1,2-Dichloroethylene	210	2.0	0.28	µg/L	2		SW-846 8260D	5/1/23	5/1/23 20:01	MFF
trans-1,2-Dichloroethylene	3.2	2.0	0.34	µg/L	2		SW-846 8260D	5/1/23	5/1/23 20:01	MFF
1,2-Dichloropropane	ND	2.0	0.39	µg/L	2		SW-846 8260D	5/1/23	5/1/23 20:01	MFF
1,3-Dichloropropane	ND	1.0	0.23	µg/L	2		SW-846 8260D	5/1/23	5/1/23 20:01	MFF
2,2-Dichloropropane	ND	2.0	0.70	µg/L	2		SW-846 8260D	5/1/23	5/1/23 20:01	MFF
1,1-Dichloropropene	ND	4.0	0.30	µg/L	2		SW-846 8260D	5/1/23	5/1/23 20:01	MFF
cis-1,3-Dichloropropene	ND	1.0	0.33	µg/L	2		SW-846 8260D	5/1/23	5/1/23 20:01	MFF
trans-1,3-Dichloropropene	ND	1.0	0.28	µg/L	2		SW-846 8260D	5/1/23	5/1/23 20:01	MFF
Diethyl Ether	ND	4.0	0.29	µg/L	2		SW-846 8260D	5/1/23	5/1/23 20:01	MFF

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

Project Location: 63 West Merrick Rd., Lindenhurst

Sample Description:

Work Order: 23D3326

Date Received: 4/27/2023

Field Sample #: MW-4D

Sampled: 4/26/2023 10:11

Sample ID: 23D3326-02

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	0.40	µg/L	2		SW-846 8260D	5/1/23	5/1/23 20:01	MFF
1,4-Dioxane	ND	100	36	µg/L	2		SW-846 8260D	5/1/23	5/1/23 20:01	MFF
Ethylbenzene	ND	2.0	0.44	µg/L	2		SW-846 8260D	5/1/23	5/1/23 20:01	MFF
Hexachlorobutadiene	ND	1.2	0.94	µg/L	2		SW-846 8260D	5/1/23	5/1/23 20:01	MFF
2-Hexanone (MBK)	ND	20	2.4	µg/L	2		SW-846 8260D	5/1/23	5/1/23 20:01	MFF
Isopropylbenzene (Cumene)	ND	2.0	0.30	µg/L	2		SW-846 8260D	5/1/23	5/1/23 20:01	MFF
p-Isopropyltoluene (p-Cymene)	ND	2.0	0.25	µg/L	2		SW-846 8260D	5/1/23	5/1/23 20:01	MFF
Methyl Acetate	ND	2.0	1.2	µg/L	2	V-05	SW-846 8260D	5/1/23	5/1/23 20:01	MFF
Methyl tert-Butyl Ether (MTBE)	ND	2.0	0.34	µg/L	2		SW-846 8260D	5/1/23	5/1/23 20:01	MFF
Methyl Cyclohexane	ND	2.0	0.31	µg/L	2		SW-846 8260D	5/1/23	5/1/23 20:01	MFF
Methylene Chloride	ND	10	0.35	µg/L	2		SW-846 8260D	5/1/23	5/1/23 20:01	MFF
4-Methyl-2-pentanone (MIBK)	ND	20	2.6	µg/L	2		SW-846 8260D	5/1/23	5/1/23 20:01	MFF
Naphthalene	ND	4.0	0.76	µg/L	2	V-05	SW-846 8260D	5/1/23	5/1/23 20:01	MFF
n-Propylbenzene	0.50	2.0	0.25	µg/L	2	J	SW-846 8260D	5/1/23	5/1/23 20:01	MFF
Styrene	ND	2.0	0.30	µg/L	2		SW-846 8260D	5/1/23	5/1/23 20:01	MFF
1,1,1,2-Tetrachloroethane	ND	2.0	0.32	µg/L	2		SW-846 8260D	5/1/23	5/1/23 20:01	MFF
1,1,2,2-Tetrachloroethane	ND	1.0	0.27	µg/L	2		SW-846 8260D	5/1/23	5/1/23 20:01	MFF
Tetrachloroethylene	5.2	2.0	0.34	µg/L	2		SW-846 8260D	5/1/23	5/1/23 20:01	MFF
Tetrahydrofuran	ND	20	0.98	µg/L	2		SW-846 8260D	5/1/23	5/1/23 20:01	MFF
Toluene	ND	2.0	0.45	µg/L	2		SW-846 8260D	5/1/23	5/1/23 20:01	MFF
1,2,3-Trichlorobenzene	ND	10	0.68	µg/L	2		SW-846 8260D	5/1/23	5/1/23 20:01	MFF
1,2,4-Trichlorobenzene	ND	2.0	0.60	µg/L	2		SW-846 8260D	5/1/23	5/1/23 20:01	MFF
1,3,5-Trichlorobenzene	ND	2.0	0.42	µg/L	2		SW-846 8260D	5/1/23	5/1/23 20:01	MFF
1,1,1-Trichloroethane	ND	2.0	0.30	µg/L	2		SW-846 8260D	5/1/23	5/1/23 20:01	MFF
1,1,2-Trichloroethane	ND	2.0	0.38	µg/L	2		SW-846 8260D	5/1/23	5/1/23 20:01	MFF
Trichloroethylene	93	2.0	0.35	µg/L	2		SW-846 8260D	5/1/23	5/1/23 20:01	MFF
Trichlorofluoromethane (Freon 11)	ND	4.0	0.31	µg/L	2		SW-846 8260D	5/1/23	5/1/23 20:01	MFF
1,2,3-Trichloropropane	ND	4.0	0.55	µg/L	2		SW-846 8260D	5/1/23	5/1/23 20:01	MFF
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	2.0	0.42	µg/L	2		SW-846 8260D	5/1/23	5/1/23 20:01	MFF
1,2,4-Trimethylbenzene	1.6	2.0	0.40	µg/L	2	J	SW-846 8260D	5/1/23	5/1/23 20:01	MFF
1,3,5-Trimethylbenzene	ND	2.0	0.30	µg/L	2		SW-846 8260D	5/1/23	5/1/23 20:01	MFF
Vinyl Chloride	120	4.0	0.47	µg/L	2		SW-846 8260D	5/1/23	5/1/23 20:01	MFF
m+p Xylene	ND	4.0	0.98	µg/L	2		SW-846 8260D	5/1/23	5/1/23 20:01	MFF
o-Xylene	ND	2.0	0.49	µg/L	2		SW-846 8260D	5/1/23	5/1/23 20:01	MFF
Surrogates	% Recovery		Recovery Limits		Flag/Qual					
1,2-Dichloroethane-d4	93.0		70-130				5/1/23 20:01			
Toluene-d8	96.8		70-130				5/1/23 20:01			
4-Bromofluorobenzene	96.9		70-130				5/1/23 20:01			

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

Project Location: 63 West Merrick Rd., Lindenhurst

Sample Description:

Work Order: 23D3326

Date Received: 4/27/2023

Field Sample #: MW-4D

Sampled: 4/26/2023 10:11

Sample ID: 23D3326-02

Sample Matrix: Ground Water

Volatile Organic Compounds by GC/MS (SIM)

Analyte	Results	RL	DL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
1,4-Dioxane	ND	2.0	1.7	µg/L	1		SW-846 8260D	5/4/23	5/7/23 11:28	EEH
Surrogates	% Recovery		Recovery Limits		Flag/Qual					
1,4-Dioxane-d8	88.9		40-160				5/7/23 11:28			

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

Project Location: 63 West Merrick Rd., Lindenhurst

Sample Description:

Work Order: 23D3326

Date Received: 4/27/2023

Field Sample #: MW-5S

Sampled: 4/26/2023 14:00

Sample ID: 23D3326-03

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	5/1/23	5/1/23 15:34	MFF
Acrylonitrile	ND	5.0	0.47	µg/L	1		SW-846 8260D	5/1/23	5/1/23 15:34	MFF
tert-Amyl Methyl Ether (TAME)	ND	0.50	0.13	µg/L	1		SW-846 8260D	5/1/23	5/1/23 15:34	MFF
Benzene	ND	1.0	0.18	µg/L	1		SW-846 8260D	5/1/23	5/1/23 15:34	MFF
Bromobenzene	ND	1.0	0.15	µg/L	1		SW-846 8260D	5/1/23	5/1/23 15:34	MFF
Bromochloromethane	ND	1.0	0.28	µg/L	1		SW-846 8260D	5/1/23	5/1/23 15:34	MFF
Bromodichloromethane	ND	0.50	0.16	µg/L	1		SW-846 8260D	5/1/23	5/1/23 15:34	MFF
Bromoform	ND	1.0	0.41	µg/L	1		SW-846 8260D	5/1/23	5/1/23 15:34	MFF
Bromomethane	ND	2.0	1.3	µg/L	1		SW-846 8260D	5/1/23	5/1/23 15:34	MFF
2-Butanone (MEK)	ND	20	1.7	µg/L	1		SW-846 8260D	5/1/23	5/1/23 15:34	MFF
tert-Butyl Alcohol (TBA)	ND	20	4.3	µg/L	1	V-05	SW-846 8260D	5/1/23	5/1/23 15:34	MFF
n-Butylbenzene	ND	1.0	0.15	µg/L	1		SW-846 8260D	5/1/23	5/1/23 15:34	MFF
sec-Butylbenzene	ND	1.0	0.13	µg/L	1		SW-846 8260D	5/1/23	5/1/23 15:34	MFF
tert-Butylbenzene	ND	1.0	0.14	µg/L	1		SW-846 8260D	5/1/23	5/1/23 15:34	MFF
tert-Butyl Ethyl Ether (TBEE)	ND	0.50	0.15	µg/L	1		SW-846 8260D	5/1/23	5/1/23 15:34	MFF
Carbon Disulfide	ND	5.0	1.6	µg/L	1		SW-846 8260D	5/1/23	5/1/23 15:34	MFF
Carbon Tetrachloride	ND	5.0	0.16	µg/L	1		SW-846 8260D	5/1/23	5/1/23 15:34	MFF
Chlorobenzene	ND	1.0	0.12	µg/L	1		SW-846 8260D	5/1/23	5/1/23 15:34	MFF
Chlorodibromomethane	ND	0.50	0.20	µg/L	1		SW-846 8260D	5/1/23	5/1/23 15:34	MFF
Chloroethane	ND	2.0	0.34	µg/L	1		SW-846 8260D	5/1/23	5/1/23 15:34	MFF
Chloroform	ND	2.0	0.14	µg/L	1		SW-846 8260D	5/1/23	5/1/23 15:34	MFF
Chloromethane	ND	2.0	0.50	µg/L	1		SW-846 8260D	5/1/23	5/1/23 15:34	MFF
2-Chlorotoluene	ND	1.0	0.15	µg/L	1		SW-846 8260D	5/1/23	5/1/23 15:34	MFF
4-Chlorotoluene	ND	1.0	0.15	µg/L	1		SW-846 8260D	5/1/23	5/1/23 15:34	MFF
1,2-Dibromo-3-chloropropane (DBCP)	ND	5.0	0.85	µg/L	1		SW-846 8260D	5/1/23	5/1/23 15:34	MFF
1,2-Dibromoethane (EDB)	ND	0.50	0.16	µg/L	1		SW-846 8260D	5/1/23	5/1/23 15:34	MFF
Dibromomethane	ND	1.0	0.32	µg/L	1		SW-846 8260D	5/1/23	5/1/23 15:34	MFF
1,2-Dichlorobenzene	ND	1.0	0.13	µg/L	1		SW-846 8260D	5/1/23	5/1/23 15:34	MFF
1,3-Dichlorobenzene	ND	1.0	0.14	µg/L	1		SW-846 8260D	5/1/23	5/1/23 15:34	MFF
1,4-Dichlorobenzene	ND	1.0	0.13	µg/L	1		SW-846 8260D	5/1/23	5/1/23 15:34	MFF
trans-1,4-Dichloro-2-butene	ND	2.0	1.5	µg/L	1		SW-846 8260D	5/1/23	5/1/23 15:34	MFF
Dichlorodifluoromethane (Freon 12)	ND	2.0	0.16	µg/L	1		SW-846 8260D	5/1/23	5/1/23 15:34	MFF
1,1-Dichloroethane	ND	1.0	0.14	µg/L	1		SW-846 8260D	5/1/23	5/1/23 15:34	MFF
1,2-Dichloroethane	ND	1.0	0.30	µg/L	1		SW-846 8260D	5/1/23	5/1/23 15:34	MFF
1,1-Dichloroethylene	ND	1.0	0.14	µg/L	1		SW-846 8260D	5/1/23	5/1/23 15:34	MFF
cis-1,2-Dichloroethylene	ND	1.0	0.14	µg/L	1		SW-846 8260D	5/1/23	5/1/23 15:34	MFF
trans-1,2-Dichloroethylene	ND	1.0	0.17	µg/L	1		SW-846 8260D	5/1/23	5/1/23 15:34	MFF
1,2-Dichloropropane	ND	1.0	0.19	µg/L	1		SW-846 8260D	5/1/23	5/1/23 15:34	MFF
1,3-Dichloropropane	ND	0.50	0.12	µg/L	1		SW-846 8260D	5/1/23	5/1/23 15:34	MFF
2,2-Dichloropropane	ND	1.0	0.35	µg/L	1		SW-846 8260D	5/1/23	5/1/23 15:34	MFF
1,1-Dichloropropene	ND	2.0	0.15	µg/L	1		SW-846 8260D	5/1/23	5/1/23 15:34	MFF
cis-1,3-Dichloropropene	ND	0.50	0.16	µg/L	1		SW-846 8260D	5/1/23	5/1/23 15:34	MFF
trans-1,3-Dichloropropene	ND	0.50	0.14	µg/L	1		SW-846 8260D	5/1/23	5/1/23 15:34	MFF
Diethyl Ether	ND	2.0	0.14	µg/L	1		SW-846 8260D	5/1/23	5/1/23 15:34	MFF

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

Project Location: 63 West Merrick Rd., Lindenhurst

Sample Description:

Work Order: 23D3326

Date Received: 4/27/2023

Field Sample #: MW-5S

Sampled: 4/26/2023 14:00

Sample ID: 23D3326-03

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	0.20	µg/L	1		SW-846 8260D	5/1/23	5/1/23 15:34	MFF
1,4-Dioxane	ND	50	18	µg/L	1		SW-846 8260D	5/1/23	5/1/23 15:34	MFF
Ethylbenzene	ND	1.0	0.22	µg/L	1		SW-846 8260D	5/1/23	5/1/23 15:34	MFF
Hexachlorobutadiene	ND	0.60	0.47	µg/L	1		SW-846 8260D	5/1/23	5/1/23 15:34	MFF
2-Hexanone (MBK)	ND	10	1.2	µg/L	1		SW-846 8260D	5/1/23	5/1/23 15:34	MFF
Isopropylbenzene (Cumene)	ND	1.0	0.15	µg/L	1		SW-846 8260D	5/1/23	5/1/23 15:34	MFF
p-Isopropyltoluene (p-Cymene)	ND	1.0	0.13	µg/L	1		SW-846 8260D	5/1/23	5/1/23 15:34	MFF
Methyl Acetate	ND	1.0	0.61	µg/L	1	V-05	SW-846 8260D	5/1/23	5/1/23 15:34	MFF
Methyl tert-Butyl Ether (MTBE)	ND	1.0	0.17	µg/L	1		SW-846 8260D	5/1/23	5/1/23 15:34	MFF
Methyl Cyclohexane	ND	1.0	0.16	µg/L	1		SW-846 8260D	5/1/23	5/1/23 15:34	MFF
Methylene Chloride	ND	5.0	0.18	µg/L	1		SW-846 8260D	5/1/23	5/1/23 15:34	MFF
4-Methyl-2-pentanone (MIBK)	ND	10	1.3	µg/L	1		SW-846 8260D	5/1/23	5/1/23 15:34	MFF
Naphthalene	ND	2.0	0.38	µg/L	1	V-05	SW-846 8260D	5/1/23	5/1/23 15:34	MFF
n-Propylbenzene	ND	1.0	0.12	µg/L	1		SW-846 8260D	5/1/23	5/1/23 15:34	MFF
Styrene	ND	1.0	0.15	µg/L	1		SW-846 8260D	5/1/23	5/1/23 15:34	MFF
1,1,1,2-Tetrachloroethane	ND	1.0	0.16	µg/L	1		SW-846 8260D	5/1/23	5/1/23 15:34	MFF
1,1,2,2-Tetrachloroethane	ND	0.50	0.14	µg/L	1		SW-846 8260D	5/1/23	5/1/23 15:34	MFF
Tetrachloroethylene	0.48	1.0	0.17	µg/L	1	J	SW-846 8260D	5/1/23	5/1/23 15:34	MFF
Tetrahydrofuran	ND	10	0.49	µg/L	1		SW-846 8260D	5/1/23	5/1/23 15:34	MFF
Toluene	ND	1.0	0.22	µg/L	1		SW-846 8260D	5/1/23	5/1/23 15:34	MFF
1,2,3-Trichlorobenzene	ND	5.0	0.34	µg/L	1		SW-846 8260D	5/1/23	5/1/23 15:34	MFF
1,2,4-Trichlorobenzene	ND	1.0	0.30	µg/L	1		SW-846 8260D	5/1/23	5/1/23 15:34	MFF
1,3,5-Trichlorobenzene	ND	1.0	0.21	µg/L	1		SW-846 8260D	5/1/23	5/1/23 15:34	MFF
1,1,1-Trichloroethane	ND	1.0	0.15	µg/L	1		SW-846 8260D	5/1/23	5/1/23 15:34	MFF
1,1,2-Trichloroethane	ND	1.0	0.19	µg/L	1		SW-846 8260D	5/1/23	5/1/23 15:34	MFF
Trichloroethylene	ND	1.0	0.17	µg/L	1		SW-846 8260D	5/1/23	5/1/23 15:34	MFF
Trichlorofluoromethane (Freon 11)	ND	2.0	0.15	µg/L	1		SW-846 8260D	5/1/23	5/1/23 15:34	MFF
1,2,3-Trichloropropane	ND	2.0	0.28	µg/L	1		SW-846 8260D	5/1/23	5/1/23 15:34	MFF
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	1.0	0.21	µg/L	1		SW-846 8260D	5/1/23	5/1/23 15:34	MFF
1,2,4-Trimethylbenzene	ND	1.0	0.20	µg/L	1		SW-846 8260D	5/1/23	5/1/23 15:34	MFF
1,3,5-Trimethylbenzene	ND	1.0	0.15	µg/L	1		SW-846 8260D	5/1/23	5/1/23 15:34	MFF
Vinyl Chloride	ND	2.0	0.24	µg/L	1		SW-846 8260D	5/1/23	5/1/23 15:34	MFF
m+p Xylene	ND	2.0	0.49	µg/L	1		SW-846 8260D	5/1/23	5/1/23 15:34	MFF
o-Xylene	ND	1.0	0.24	µg/L	1		SW-846 8260D	5/1/23	5/1/23 15:34	MFF
Surrogates	% Recovery		Recovery Limits		Flag/Qual					
1,2-Dichloroethane-d4	112		70-130				5/1/23 15:34			
Toluene-d8	98.4		70-130				5/1/23 15:34			
4-Bromofluorobenzene	88.5		70-130				5/1/23 15:34			

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

Project Location: 63 West Merrick Rd., Lindenhurst

Sample Description:

Work Order: 23D3326

Date Received: 4/27/2023

Field Sample #: MW-5S

Sampled: 4/26/2023 14:00

Sample ID: 23D3326-03

Sample Matrix: Ground Water

Volatile Organic Compounds by GC/MS (SIM)

Analyte	Results	RL	DL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
1,4-Dioxane	ND	2.0	1.7	µg/L	1		SW-846 8260D	5/4/23	5/7/23 11:55	EEH
Surrogates	% Recovery		Recovery Limits		Flag/Qual					
1,4-Dioxane-d8	100		40-160				5/7/23 11:55			

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

Project Location: 63 West Merrick Rd., Lindenhurst

Sample Description:

Work Order: 23D3326

Date Received: 4/27/2023

Field Sample #: MW-101

Sampled: 4/26/2023 12:25

Sample ID: 23D3326-04

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	3.9	50	2.0	µg/L	1	J	SW-846 8260D	5/1/23	5/1/23 16:01	MFF
Acrylonitrile	ND	5.0	0.47	µg/L	1		SW-846 8260D	5/1/23	5/1/23 16:01	MFF
tert-Amyl Methyl Ether (TAME)	ND	0.50	0.13	µg/L	1		SW-846 8260D	5/1/23	5/1/23 16:01	MFF
Benzene	ND	1.0	0.18	µg/L	1		SW-846 8260D	5/1/23	5/1/23 16:01	MFF
Bromobenzene	ND	1.0	0.15	µg/L	1		SW-846 8260D	5/1/23	5/1/23 16:01	MFF
Bromochloromethane	ND	1.0	0.28	µg/L	1		SW-846 8260D	5/1/23	5/1/23 16:01	MFF
Bromodichloromethane	ND	0.50	0.16	µg/L	1		SW-846 8260D	5/1/23	5/1/23 16:01	MFF
Bromoform	ND	1.0	0.41	µg/L	1		SW-846 8260D	5/1/23	5/1/23 16:01	MFF
Bromomethane	ND	2.0	1.3	µg/L	1		SW-846 8260D	5/1/23	5/1/23 16:01	MFF
2-Butanone (MEK)	ND	20	1.7	µg/L	1		SW-846 8260D	5/1/23	5/1/23 16:01	MFF
tert-Butyl Alcohol (TBA)	ND	20	4.3	µg/L	1	V-05	SW-846 8260D	5/1/23	5/1/23 16:01	MFF
n-Butylbenzene	ND	1.0	0.15	µg/L	1		SW-846 8260D	5/1/23	5/1/23 16:01	MFF
sec-Butylbenzene	ND	1.0	0.13	µg/L	1		SW-846 8260D	5/1/23	5/1/23 16:01	MFF
tert-Butylbenzene	ND	1.0	0.14	µg/L	1		SW-846 8260D	5/1/23	5/1/23 16:01	MFF
tert-Butyl Ethyl Ether (TBEE)	ND	0.50	0.15	µg/L	1		SW-846 8260D	5/1/23	5/1/23 16:01	MFF
Carbon Disulfide	ND	5.0	1.6	µg/L	1		SW-846 8260D	5/1/23	5/1/23 16:01	MFF
Carbon Tetrachloride	ND	5.0	0.16	µg/L	1		SW-846 8260D	5/1/23	5/1/23 16:01	MFF
Chlorobenzene	ND	1.0	0.12	µg/L	1		SW-846 8260D	5/1/23	5/1/23 16:01	MFF
Chlorodibromomethane	ND	0.50	0.20	µg/L	1		SW-846 8260D	5/1/23	5/1/23 16:01	MFF
Chloroethane	ND	2.0	0.34	µg/L	1		SW-846 8260D	5/1/23	5/1/23 16:01	MFF
Chloroform	ND	2.0	0.14	µg/L	1		SW-846 8260D	5/1/23	5/1/23 16:01	MFF
Chloromethane	ND	2.0	0.50	µg/L	1		SW-846 8260D	5/1/23	5/1/23 16:01	MFF
2-Chlorotoluene	ND	1.0	0.15	µg/L	1		SW-846 8260D	5/1/23	5/1/23 16:01	MFF
4-Chlorotoluene	ND	1.0	0.15	µg/L	1		SW-846 8260D	5/1/23	5/1/23 16:01	MFF
1,2-Dibromo-3-chloropropane (DBCP)	ND	5.0	0.85	µg/L	1		SW-846 8260D	5/1/23	5/1/23 16:01	MFF
1,2-Dibromoethane (EDB)	ND	0.50	0.16	µg/L	1		SW-846 8260D	5/1/23	5/1/23 16:01	MFF
Dibromomethane	ND	1.0	0.32	µg/L	1		SW-846 8260D	5/1/23	5/1/23 16:01	MFF
1,2-Dichlorobenzene	ND	1.0	0.13	µg/L	1		SW-846 8260D	5/1/23	5/1/23 16:01	MFF
1,3-Dichlorobenzene	ND	1.0	0.14	µg/L	1		SW-846 8260D	5/1/23	5/1/23 16:01	MFF
1,4-Dichlorobenzene	ND	1.0	0.13	µg/L	1		SW-846 8260D	5/1/23	5/1/23 16:01	MFF
trans-1,4-Dichloro-2-butene	ND	2.0	1.5	µg/L	1		SW-846 8260D	5/1/23	5/1/23 16:01	MFF
Dichlorodifluoromethane (Freon 12)	ND	2.0	0.16	µg/L	1		SW-846 8260D	5/1/23	5/1/23 16:01	MFF
1,1-Dichloroethane	ND	1.0	0.14	µg/L	1		SW-846 8260D	5/1/23	5/1/23 16:01	MFF
1,2-Dichloroethane	ND	1.0	0.30	µg/L	1		SW-846 8260D	5/1/23	5/1/23 16:01	MFF
1,1-Dichloroethylene	ND	1.0	0.14	µg/L	1		SW-846 8260D	5/1/23	5/1/23 16:01	MFF
cis-1,2-Dichloroethylene	ND	1.0	0.14	µg/L	1		SW-846 8260D	5/1/23	5/1/23 16:01	MFF
trans-1,2-Dichloroethylene	ND	1.0	0.17	µg/L	1		SW-846 8260D	5/1/23	5/1/23 16:01	MFF
1,2-Dichloropropane	ND	1.0	0.19	µg/L	1		SW-846 8260D	5/1/23	5/1/23 16:01	MFF
1,3-Dichloropropane	ND	0.50	0.12	µg/L	1		SW-846 8260D	5/1/23	5/1/23 16:01	MFF
2,2-Dichloropropane	ND	1.0	0.35	µg/L	1		SW-846 8260D	5/1/23	5/1/23 16:01	MFF
1,1-Dichloropropene	ND	2.0	0.15	µg/L	1		SW-846 8260D	5/1/23	5/1/23 16:01	MFF
cis-1,3-Dichloropropene	ND	0.50	0.16	µg/L	1		SW-846 8260D	5/1/23	5/1/23 16:01	MFF
trans-1,3-Dichloropropene	ND	0.50	0.14	µg/L	1		SW-846 8260D	5/1/23	5/1/23 16:01	MFF
Diethyl Ether	ND	2.0	0.14	µg/L	1		SW-846 8260D	5/1/23	5/1/23 16:01	MFF

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

Project Location: 63 West Merrick Rd., Lindenhurst

Sample Description:

Work Order: 23D3326

Date Received: 4/27/2023

Field Sample #: MW-101

Sampled: 4/26/2023 12:25

Sample ID: 23D3326-04

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	0.20	µg/L	1		SW-846 8260D	5/1/23	5/1/23 16:01	MFF
1,4-Dioxane	ND	50	18	µg/L	1		SW-846 8260D	5/1/23	5/1/23 16:01	MFF
Ethylbenzene	ND	1.0	0.22	µg/L	1		SW-846 8260D	5/1/23	5/1/23 16:01	MFF
Hexachlorobutadiene	ND	0.60	0.47	µg/L	1		SW-846 8260D	5/1/23	5/1/23 16:01	MFF
2-Hexanone (MBK)	ND	10	1.2	µg/L	1		SW-846 8260D	5/1/23	5/1/23 16:01	MFF
Isopropylbenzene (Cumene)	ND	1.0	0.15	µg/L	1		SW-846 8260D	5/1/23	5/1/23 16:01	MFF
p-Isopropyltoluene (p-Cymene)	ND	1.0	0.13	µg/L	1		SW-846 8260D	5/1/23	5/1/23 16:01	MFF
Methyl Acetate	ND	1.0	0.61	µg/L	1	V-05	SW-846 8260D	5/1/23	5/1/23 16:01	MFF
Methyl tert-Butyl Ether (MTBE)	ND	1.0	0.17	µg/L	1		SW-846 8260D	5/1/23	5/1/23 16:01	MFF
Methyl Cyclohexane	ND	1.0	0.16	µg/L	1		SW-846 8260D	5/1/23	5/1/23 16:01	MFF
Methylene Chloride	ND	5.0	0.18	µg/L	1		SW-846 8260D	5/1/23	5/1/23 16:01	MFF
4-Methyl-2-pentanone (MIBK)	ND	10	1.3	µg/L	1		SW-846 8260D	5/1/23	5/1/23 16:01	MFF
Naphthalene	ND	2.0	0.38	µg/L	1	V-05	SW-846 8260D	5/1/23	5/1/23 16:01	MFF
n-Propylbenzene	ND	1.0	0.12	µg/L	1		SW-846 8260D	5/1/23	5/1/23 16:01	MFF
Styrene	ND	1.0	0.15	µg/L	1		SW-846 8260D	5/1/23	5/1/23 16:01	MFF
1,1,1,2-Tetrachloroethane	ND	1.0	0.16	µg/L	1		SW-846 8260D	5/1/23	5/1/23 16:01	MFF
1,1,2,2-Tetrachloroethane	ND	0.50	0.14	µg/L	1		SW-846 8260D	5/1/23	5/1/23 16:01	MFF
Tetrachloroethylene	0.84	1.0	0.17	µg/L	1	J	SW-846 8260D	5/1/23	5/1/23 16:01	MFF
Tetrahydrofuran	ND	10	0.49	µg/L	1		SW-846 8260D	5/1/23	5/1/23 16:01	MFF
Toluene	ND	1.0	0.22	µg/L	1		SW-846 8260D	5/1/23	5/1/23 16:01	MFF
1,2,3-Trichlorobenzene	ND	5.0	0.34	µg/L	1		SW-846 8260D	5/1/23	5/1/23 16:01	MFF
1,2,4-Trichlorobenzene	ND	1.0	0.30	µg/L	1		SW-846 8260D	5/1/23	5/1/23 16:01	MFF
1,3,5-Trichlorobenzene	ND	1.0	0.21	µg/L	1		SW-846 8260D	5/1/23	5/1/23 16:01	MFF
1,1,1-Trichloroethane	ND	1.0	0.15	µg/L	1		SW-846 8260D	5/1/23	5/1/23 16:01	MFF
1,1,2-Trichloroethane	ND	1.0	0.19	µg/L	1		SW-846 8260D	5/1/23	5/1/23 16:01	MFF
Trichloroethylene	0.30	1.0	0.17	µg/L	1	J	SW-846 8260D	5/1/23	5/1/23 16:01	MFF
Trichlorofluoromethane (Freon 11)	ND	2.0	0.15	µg/L	1		SW-846 8260D	5/1/23	5/1/23 16:01	MFF
1,2,3-Trichloropropane	ND	2.0	0.28	µg/L	1		SW-846 8260D	5/1/23	5/1/23 16:01	MFF
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	1.0	0.21	µg/L	1		SW-846 8260D	5/1/23	5/1/23 16:01	MFF
1,2,4-Trimethylbenzene	ND	1.0	0.20	µg/L	1		SW-846 8260D	5/1/23	5/1/23 16:01	MFF
1,3,5-Trimethylbenzene	ND	1.0	0.15	µg/L	1		SW-846 8260D	5/1/23	5/1/23 16:01	MFF
Vinyl Chloride	ND	2.0	0.24	µg/L	1		SW-846 8260D	5/1/23	5/1/23 16:01	MFF
m+p Xylene	ND	2.0	0.49	µg/L	1		SW-846 8260D	5/1/23	5/1/23 16:01	MFF
o-Xylene	ND	1.0	0.24	µg/L	1		SW-846 8260D	5/1/23	5/1/23 16:01	MFF
Surrogates	% Recovery		Recovery Limits		Flag/Qual					
1,2-Dichloroethane-d4	109		70-130							
Toluene-d8	97.7		70-130							
4-Bromofluorobenzene	93.4		70-130							

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

Project Location: 63 West Merrick Rd., Lindenhurst

Sample Description:

Work Order: 23D3326

Date Received: 4/27/2023

Field Sample #: MW-101

Sampled: 4/26/2023 12:25

Sample ID: 23D3326-04

Sample Matrix: Ground Water

Volatile Organic Compounds by GC/MS (SIM)

Analyte	Results	RL	DL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
1,4-Dioxane	ND	2.0	1.7	µg/L	1		SW-846 8260D	5/4/23	5/7/23 12:22	EEH
Surrogates	% Recovery		Recovery Limits		Flag/Qual					
1,4-Dioxane-d8	90.8		40-160				5/7/23 12:22			

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

Project Location: 63 West Merrick Rd., Lindenhurst

Sample Description:

Work Order: 23D3326

Date Received: 4/27/2023

Field Sample #: MW-102

Sampled: 4/26/2023 13:15

Sample ID: 23D3326-05

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	5/1/23	5/1/23 16:27	MFF
Acrylonitrile	ND	5.0	0.47	µg/L	1		SW-846 8260D	5/1/23	5/1/23 16:27	MFF
tert-Amyl Methyl Ether (TAME)	ND	0.50	0.13	µg/L	1		SW-846 8260D	5/1/23	5/1/23 16:27	MFF
Benzene	ND	1.0	0.18	µg/L	1		SW-846 8260D	5/1/23	5/1/23 16:27	MFF
Bromobenzene	ND	1.0	0.15	µg/L	1		SW-846 8260D	5/1/23	5/1/23 16:27	MFF
Bromochloromethane	ND	1.0	0.28	µg/L	1		SW-846 8260D	5/1/23	5/1/23 16:27	MFF
Bromodichloromethane	ND	0.50	0.16	µg/L	1		SW-846 8260D	5/1/23	5/1/23 16:27	MFF
Bromoform	ND	1.0	0.41	µg/L	1		SW-846 8260D	5/1/23	5/1/23 16:27	MFF
Bromomethane	ND	2.0	1.3	µg/L	1		SW-846 8260D	5/1/23	5/1/23 16:27	MFF
2-Butanone (MEK)	ND	20	1.7	µg/L	1		SW-846 8260D	5/1/23	5/1/23 16:27	MFF
tert-Butyl Alcohol (TBA)	ND	20	4.3	µg/L	1	V-05	SW-846 8260D	5/1/23	5/1/23 16:27	MFF
n-Butylbenzene	ND	1.0	0.15	µg/L	1		SW-846 8260D	5/1/23	5/1/23 16:27	MFF
sec-Butylbenzene	ND	1.0	0.13	µg/L	1		SW-846 8260D	5/1/23	5/1/23 16:27	MFF
tert-Butylbenzene	ND	1.0	0.14	µg/L	1		SW-846 8260D	5/1/23	5/1/23 16:27	MFF
tert-Butyl Ethyl Ether (TBEE)	ND	0.50	0.15	µg/L	1		SW-846 8260D	5/1/23	5/1/23 16:27	MFF
Carbon Disulfide	ND	5.0	1.6	µg/L	1		SW-846 8260D	5/1/23	5/1/23 16:27	MFF
Carbon Tetrachloride	ND	5.0	0.16	µg/L	1		SW-846 8260D	5/1/23	5/1/23 16:27	MFF
Chlorobenzene	ND	1.0	0.12	µg/L	1		SW-846 8260D	5/1/23	5/1/23 16:27	MFF
Chlorodibromomethane	ND	0.50	0.20	µg/L	1		SW-846 8260D	5/1/23	5/1/23 16:27	MFF
Chloroethane	ND	2.0	0.34	µg/L	1		SW-846 8260D	5/1/23	5/1/23 16:27	MFF
Chloroform	ND	2.0	0.14	µg/L	1		SW-846 8260D	5/1/23	5/1/23 16:27	MFF
Chloromethane	ND	2.0	0.50	µg/L	1		SW-846 8260D	5/1/23	5/1/23 16:27	MFF
2-Chlorotoluene	ND	1.0	0.15	µg/L	1		SW-846 8260D	5/1/23	5/1/23 16:27	MFF
4-Chlorotoluene	ND	1.0	0.15	µg/L	1		SW-846 8260D	5/1/23	5/1/23 16:27	MFF
1,2-Dibromo-3-chloropropane (DBCP)	ND	5.0	0.85	µg/L	1		SW-846 8260D	5/1/23	5/1/23 16:27	MFF
1,2-Dibromoethane (EDB)	ND	0.50	0.16	µg/L	1		SW-846 8260D	5/1/23	5/1/23 16:27	MFF
Dibromomethane	ND	1.0	0.32	µg/L	1		SW-846 8260D	5/1/23	5/1/23 16:27	MFF
1,2-Dichlorobenzene	ND	1.0	0.13	µg/L	1		SW-846 8260D	5/1/23	5/1/23 16:27	MFF
1,3-Dichlorobenzene	ND	1.0	0.14	µg/L	1		SW-846 8260D	5/1/23	5/1/23 16:27	MFF
1,4-Dichlorobenzene	ND	1.0	0.13	µg/L	1		SW-846 8260D	5/1/23	5/1/23 16:27	MFF
trans-1,4-Dichloro-2-butene	ND	2.0	1.5	µg/L	1		SW-846 8260D	5/1/23	5/1/23 16:27	MFF
Dichlorodifluoromethane (Freon 12)	ND	2.0	0.16	µg/L	1		SW-846 8260D	5/1/23	5/1/23 16:27	MFF
1,1-Dichloroethane	ND	1.0	0.14	µg/L	1		SW-846 8260D	5/1/23	5/1/23 16:27	MFF
1,2-Dichloroethane	ND	1.0	0.30	µg/L	1		SW-846 8260D	5/1/23	5/1/23 16:27	MFF
1,1-Dichloroethylene	ND	1.0	0.14	µg/L	1		SW-846 8260D	5/1/23	5/1/23 16:27	MFF
cis-1,2-Dichloroethylene	ND	1.0	0.14	µg/L	1		SW-846 8260D	5/1/23	5/1/23 16:27	MFF
trans-1,2-Dichloroethylene	ND	1.0	0.17	µg/L	1		SW-846 8260D	5/1/23	5/1/23 16:27	MFF
1,2-Dichloropropane	ND	1.0	0.19	µg/L	1		SW-846 8260D	5/1/23	5/1/23 16:27	MFF
1,3-Dichloropropane	ND	0.50	0.12	µg/L	1		SW-846 8260D	5/1/23	5/1/23 16:27	MFF
2,2-Dichloropropane	ND	1.0	0.35	µg/L	1		SW-846 8260D	5/1/23	5/1/23 16:27	MFF
1,1-Dichloropropene	ND	2.0	0.15	µg/L	1		SW-846 8260D	5/1/23	5/1/23 16:27	MFF
cis-1,3-Dichloropropene	ND	0.50	0.16	µg/L	1		SW-846 8260D	5/1/23	5/1/23 16:27	MFF
trans-1,3-Dichloropropene	ND	0.50	0.14	µg/L	1		SW-846 8260D	5/1/23	5/1/23 16:27	MFF
Diethyl Ether	ND	2.0	0.14	µg/L	1		SW-846 8260D	5/1/23	5/1/23 16:27	MFF

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

Project Location: 63 West Merrick Rd., Lindenhurst

Sample Description:

Work Order: 23D3326

Date Received: 4/27/2023

Field Sample #: MW-102

Sampled: 4/26/2023 13:15

Sample ID: 23D3326-05

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	0.20	µg/L	1		SW-846 8260D	5/1/23	5/1/23 16:27	MFF
1,4-Dioxane	ND	50	18	µg/L	1		SW-846 8260D	5/1/23	5/1/23 16:27	MFF
Ethylbenzene	ND	1.0	0.22	µg/L	1		SW-846 8260D	5/1/23	5/1/23 16:27	MFF
Hexachlorobutadiene	ND	0.60	0.47	µg/L	1		SW-846 8260D	5/1/23	5/1/23 16:27	MFF
2-Hexanone (MBK)	ND	10	1.2	µg/L	1		SW-846 8260D	5/1/23	5/1/23 16:27	MFF
Isopropylbenzene (Cumene)	ND	1.0	0.15	µg/L	1		SW-846 8260D	5/1/23	5/1/23 16:27	MFF
p-Isopropyltoluene (p-Cymene)	ND	1.0	0.13	µg/L	1		SW-846 8260D	5/1/23	5/1/23 16:27	MFF
Methyl Acetate	ND	1.0	0.61	µg/L	1	V-05	SW-846 8260D	5/1/23	5/1/23 16:27	MFF
Methyl tert-Butyl Ether (MTBE)	ND	1.0	0.17	µg/L	1		SW-846 8260D	5/1/23	5/1/23 16:27	MFF
Methyl Cyclohexane	ND	1.0	0.16	µg/L	1		SW-846 8260D	5/1/23	5/1/23 16:27	MFF
Methylene Chloride	ND	5.0	0.18	µg/L	1		SW-846 8260D	5/1/23	5/1/23 16:27	MFF
4-Methyl-2-pentanone (MIBK)	ND	10	1.3	µg/L	1		SW-846 8260D	5/1/23	5/1/23 16:27	MFF
Naphthalene	ND	2.0	0.38	µg/L	1	V-05	SW-846 8260D	5/1/23	5/1/23 16:27	MFF
n-Propylbenzene	ND	1.0	0.12	µg/L	1		SW-846 8260D	5/1/23	5/1/23 16:27	MFF
Styrene	ND	1.0	0.15	µg/L	1		SW-846 8260D	5/1/23	5/1/23 16:27	MFF
1,1,1,2-Tetrachloroethane	ND	1.0	0.16	µg/L	1		SW-846 8260D	5/1/23	5/1/23 16:27	MFF
1,1,2,2-Tetrachloroethane	ND	0.50	0.14	µg/L	1		SW-846 8260D	5/1/23	5/1/23 16:27	MFF
Tetrachloroethylene	0.55	1.0	0.17	µg/L	1	J	SW-846 8260D	5/1/23	5/1/23 16:27	MFF
Tetrahydrofuran	ND	10	0.49	µg/L	1		SW-846 8260D	5/1/23	5/1/23 16:27	MFF
Toluene	ND	1.0	0.22	µg/L	1		SW-846 8260D	5/1/23	5/1/23 16:27	MFF
1,2,3-Trichlorobenzene	ND	5.0	0.34	µg/L	1		SW-846 8260D	5/1/23	5/1/23 16:27	MFF
1,2,4-Trichlorobenzene	ND	1.0	0.30	µg/L	1		SW-846 8260D	5/1/23	5/1/23 16:27	MFF
1,3,5-Trichlorobenzene	ND	1.0	0.21	µg/L	1		SW-846 8260D	5/1/23	5/1/23 16:27	MFF
1,1,1-Trichloroethane	ND	1.0	0.15	µg/L	1		SW-846 8260D	5/1/23	5/1/23 16:27	MFF
1,1,2-Trichloroethane	ND	1.0	0.19	µg/L	1		SW-846 8260D	5/1/23	5/1/23 16:27	MFF
Trichloroethylene	ND	1.0	0.17	µg/L	1		SW-846 8260D	5/1/23	5/1/23 16:27	MFF
Trichlorofluoromethane (Freon 11)	ND	2.0	0.15	µg/L	1		SW-846 8260D	5/1/23	5/1/23 16:27	MFF
1,2,3-Trichloropropane	ND	2.0	0.28	µg/L	1		SW-846 8260D	5/1/23	5/1/23 16:27	MFF
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	1.0	0.21	µg/L	1		SW-846 8260D	5/1/23	5/1/23 16:27	MFF
1,2,4-Trimethylbenzene	ND	1.0	0.20	µg/L	1		SW-846 8260D	5/1/23	5/1/23 16:27	MFF
1,3,5-Trimethylbenzene	ND	1.0	0.15	µg/L	1		SW-846 8260D	5/1/23	5/1/23 16:27	MFF
Vinyl Chloride	ND	2.0	0.24	µg/L	1		SW-846 8260D	5/1/23	5/1/23 16:27	MFF
m+p Xylene	ND	2.0	0.49	µg/L	1		SW-846 8260D	5/1/23	5/1/23 16:27	MFF
o-Xylene	ND	1.0	0.24	µg/L	1		SW-846 8260D	5/1/23	5/1/23 16:27	MFF
Surrogates	% Recovery		Recovery Limits		Flag/Qual					
1,2-Dichloroethane-d4	108		70-130				5/1/23 16:27			
Toluene-d8	99.1		70-130				5/1/23 16:27			
4-Bromofluorobenzene	91.0		70-130				5/1/23 16:27			

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Project Location: 63 West Merrick Rd., Lindenhurst

Sample Description:

Work Order: 23D3326

Date Received: 4/27/2023

Field Sample #: MW-102

Sampled: 4/26/2023 13:15

Sample ID: 23D3326-05

Sample Matrix: Ground Water

Volatile Organic Compounds by GC/MS (SIM)

Analyte	Results	RL	DL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
1,4-Dioxane	ND	2.0	1.7	µg/L	1		SW-846 8260D	5/4/23	5/7/23 12:49	EEH
Surrogates	% Recovery		Recovery Limits		Flag/Qual					
1,4-Dioxane-d8	89.4		40-160				5/7/23 12:49			

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

Project Location: 63 West Merrick Rd., Lindenhurst

Sample Description:

Work Order: 23D3326

Date Received: 4/27/2023

Field Sample #: MW-103

Sampled: 4/26/2023 09:11

Sample ID: 23D3326-06

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	2.8	50	2.0	µg/L	1	J	SW-846 8260D	5/1/23	5/2/23 8:01	MFF
Acrylonitrile	ND	5.0	0.47	µg/L	1		SW-846 8260D	5/1/23	5/2/23 8:01	MFF
tert-Amyl Methyl Ether (TAME)	ND	0.50	0.13	µg/L	1		SW-846 8260D	5/1/23	5/2/23 8:01	MFF
Benzene	ND	1.0	0.18	µg/L	1		SW-846 8260D	5/1/23	5/2/23 8:01	MFF
Bromobenzene	ND	1.0	0.15	µg/L	1		SW-846 8260D	5/1/23	5/2/23 8:01	MFF
Bromochloromethane	ND	1.0	0.28	µg/L	1		SW-846 8260D	5/1/23	5/2/23 8:01	MFF
Bromodichloromethane	ND	0.50	0.16	µg/L	1		SW-846 8260D	5/1/23	5/2/23 8:01	MFF
Bromoform	ND	1.0	0.41	µg/L	1	V-05	SW-846 8260D	5/1/23	5/2/23 8:01	MFF
Bromomethane	ND	2.0	1.3	µg/L	1		SW-846 8260D	5/1/23	5/2/23 8:01	MFF
2-Butanone (MEK)	ND	20	1.7	µg/L	1		SW-846 8260D	5/1/23	5/2/23 8:01	MFF
tert-Butyl Alcohol (TBA)	ND	20	4.3	µg/L	1	V-05	SW-846 8260D	5/1/23	5/2/23 8:01	MFF
n-Butylbenzene	ND	1.0	0.15	µg/L	1		SW-846 8260D	5/1/23	5/2/23 8:01	MFF
sec-Butylbenzene	ND	1.0	0.13	µg/L	1		SW-846 8260D	5/1/23	5/2/23 8:01	MFF
tert-Butylbenzene	ND	1.0	0.14	µg/L	1		SW-846 8260D	5/1/23	5/2/23 8:01	MFF
tert-Butyl Ethyl Ether (TBEE)	ND	0.50	0.15	µg/L	1		SW-846 8260D	5/1/23	5/2/23 8:01	MFF
Carbon Disulfide	ND	5.0	1.6	µg/L	1		SW-846 8260D	5/1/23	5/2/23 8:01	MFF
Carbon Tetrachloride	ND	5.0	0.16	µg/L	1		SW-846 8260D	5/1/23	5/2/23 8:01	MFF
Chlorobenzene	ND	1.0	0.12	µg/L	1		SW-846 8260D	5/1/23	5/2/23 8:01	MFF
Chlorodibromomethane	ND	0.50	0.20	µg/L	1		SW-846 8260D	5/1/23	5/2/23 8:01	MFF
Chloroethane	ND	2.0	0.34	µg/L	1		SW-846 8260D	5/1/23	5/2/23 8:01	MFF
Chloroform	ND	2.0	0.14	µg/L	1		SW-846 8260D	5/1/23	5/2/23 8:01	MFF
Chloromethane	ND	2.0	0.50	µg/L	1		SW-846 8260D	5/1/23	5/2/23 8:01	MFF
2-Chlorotoluene	ND	1.0	0.15	µg/L	1		SW-846 8260D	5/1/23	5/2/23 8:01	MFF
4-Chlorotoluene	ND	1.0	0.15	µg/L	1		SW-846 8260D	5/1/23	5/2/23 8:01	MFF
1,2-Dibromo-3-chloropropane (DBCP)	ND	5.0	0.85	µg/L	1	V-05	SW-846 8260D	5/1/23	5/2/23 8:01	MFF
1,2-Dibromoethane (EDB)	ND	0.50	0.16	µg/L	1		SW-846 8260D	5/1/23	5/2/23 8:01	MFF
Dibromomethane	ND	1.0	0.32	µg/L	1		SW-846 8260D	5/1/23	5/2/23 8:01	MFF
1,2-Dichlorobenzene	ND	1.0	0.13	µg/L	1		SW-846 8260D	5/1/23	5/2/23 8:01	MFF
1,3-Dichlorobenzene	ND	1.0	0.14	µg/L	1		SW-846 8260D	5/1/23	5/2/23 8:01	MFF
1,4-Dichlorobenzene	ND	1.0	0.13	µg/L	1		SW-846 8260D	5/1/23	5/2/23 8:01	MFF
trans-1,4-Dichloro-2-butene	ND	2.0	1.5	µg/L	1	V-05	SW-846 8260D	5/1/23	5/2/23 8:01	MFF
Dichlorodifluoromethane (Freon 12)	ND	2.0	0.16	µg/L	1		SW-846 8260D	5/1/23	5/2/23 8:01	MFF
1,1-Dichloroethane	ND	1.0	0.14	µg/L	1		SW-846 8260D	5/1/23	5/2/23 8:01	MFF
1,2-Dichloroethane	ND	1.0	0.30	µg/L	1		SW-846 8260D	5/1/23	5/2/23 8:01	MFF
1,1-Dichloroethylene	ND	1.0	0.14	µg/L	1		SW-846 8260D	5/1/23	5/2/23 8:01	MFF
cis-1,2-Dichloroethylene	ND	1.0	0.14	µg/L	1		SW-846 8260D	5/1/23	5/2/23 8:01	MFF
trans-1,2-Dichloroethylene	ND	1.0	0.17	µg/L	1		SW-846 8260D	5/1/23	5/2/23 8:01	MFF
1,2-Dichloropropane	ND	1.0	0.19	µg/L	1		SW-846 8260D	5/1/23	5/2/23 8:01	MFF
1,3-Dichloropropane	ND	0.50	0.12	µg/L	1		SW-846 8260D	5/1/23	5/2/23 8:01	MFF
2,2-Dichloropropane	ND	1.0	0.35	µg/L	1	V-05	SW-846 8260D	5/1/23	5/2/23 8:01	MFF
1,1-Dichloropropene	ND	2.0	0.15	µg/L	1		SW-846 8260D	5/1/23	5/2/23 8:01	MFF
cis-1,3-Dichloropropene	ND	0.50	0.16	µg/L	1		SW-846 8260D	5/1/23	5/2/23 8:01	MFF
trans-1,3-Dichloropropene	ND	0.50	0.14	µg/L	1		SW-846 8260D	5/1/23	5/2/23 8:01	MFF
Diethyl Ether	ND	2.0	0.14	µg/L	1		SW-846 8260D	5/1/23	5/2/23 8:01	MFF

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

Project Location: 63 West Merrick Rd., Lindenhurst

Sample Description:

Work Order: 23D3326

Date Received: 4/27/2023

Field Sample #: MW-103

Sampled: 4/26/2023 09:11

Sample ID: 23D3326-06

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	0.20	µg/L	1		SW-846 8260D	5/1/23	5/2/23 8:01	MFF
1,4-Dioxane	ND	50	18	µg/L	1		SW-846 8260D	5/1/23	5/2/23 8:01	MFF
Ethylbenzene	ND	1.0	0.22	µg/L	1		SW-846 8260D	5/1/23	5/2/23 8:01	MFF
Hexachlorobutadiene	ND	0.60	0.47	µg/L	1		SW-846 8260D	5/1/23	5/2/23 8:01	MFF
2-Hexanone (MBK)	ND	10	1.2	µg/L	1		SW-846 8260D	5/1/23	5/2/23 8:01	MFF
Isopropylbenzene (Cumene)	ND	1.0	0.15	µg/L	1		SW-846 8260D	5/1/23	5/2/23 8:01	MFF
p-Isopropyltoluene (p-Cymene)	ND	1.0	0.13	µg/L	1		SW-846 8260D	5/1/23	5/2/23 8:01	MFF
Methyl Acetate	ND	1.0	0.61	µg/L	1	V-05	SW-846 8260D	5/1/23	5/2/23 8:01	MFF
Methyl tert-Butyl Ether (MTBE)	ND	1.0	0.17	µg/L	1		SW-846 8260D	5/1/23	5/2/23 8:01	MFF
Methyl Cyclohexane	ND	1.0	0.16	µg/L	1		SW-846 8260D	5/1/23	5/2/23 8:01	MFF
Methylene Chloride	ND	5.0	0.18	µg/L	1		SW-846 8260D	5/1/23	5/2/23 8:01	MFF
4-Methyl-2-pentanone (MIBK)	ND	10	1.3	µg/L	1		SW-846 8260D	5/1/23	5/2/23 8:01	MFF
Naphthalene	ND	2.0	0.38	µg/L	1		SW-846 8260D	5/1/23	5/2/23 8:01	MFF
n-Propylbenzene	ND	1.0	0.12	µg/L	1		SW-846 8260D	5/1/23	5/2/23 8:01	MFF
Styrene	ND	1.0	0.15	µg/L	1		SW-846 8260D	5/1/23	5/2/23 8:01	MFF
1,1,1,2-Tetrachloroethane	ND	1.0	0.16	µg/L	1		SW-846 8260D	5/1/23	5/2/23 8:01	MFF
1,1,2,2-Tetrachloroethane	ND	0.50	0.14	µg/L	1		SW-846 8260D	5/1/23	5/2/23 8:01	MFF
Tetrachloroethylene	3.5	1.0	0.17	µg/L	1		SW-846 8260D	5/1/23	5/2/23 8:01	MFF
Tetrahydrofuran	ND	10	0.49	µg/L	1		SW-846 8260D	5/1/23	5/2/23 8:01	MFF
Toluene	ND	1.0	0.22	µg/L	1		SW-846 8260D	5/1/23	5/2/23 8:01	MFF
1,2,3-Trichlorobenzene	ND	5.0	0.34	µg/L	1		SW-846 8260D	5/1/23	5/2/23 8:01	MFF
1,2,4-Trichlorobenzene	ND	1.0	0.30	µg/L	1		SW-846 8260D	5/1/23	5/2/23 8:01	MFF
1,3,5-Trichlorobenzene	ND	1.0	0.21	µg/L	1		SW-846 8260D	5/1/23	5/2/23 8:01	MFF
1,1,1-Trichloroethane	ND	1.0	0.15	µg/L	1		SW-846 8260D	5/1/23	5/2/23 8:01	MFF
1,1,2-Trichloroethane	ND	1.0	0.19	µg/L	1		SW-846 8260D	5/1/23	5/2/23 8:01	MFF
Trichloroethylene	0.58	1.0	0.17	µg/L	1	J	SW-846 8260D	5/1/23	5/2/23 8:01	MFF
Trichlorofluoromethane (Freon 11)	ND	2.0	0.15	µg/L	1		SW-846 8260D	5/1/23	5/2/23 8:01	MFF
1,2,3-Trichloropropane	ND	2.0	0.28	µg/L	1		SW-846 8260D	5/1/23	5/2/23 8:01	MFF
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	1.0	0.21	µg/L	1		SW-846 8260D	5/1/23	5/2/23 8:01	MFF
1,2,4-Trimethylbenzene	ND	1.0	0.20	µg/L	1		SW-846 8260D	5/1/23	5/2/23 8:01	MFF
1,3,5-Trimethylbenzene	ND	1.0	0.15	µg/L	1		SW-846 8260D	5/1/23	5/2/23 8:01	MFF
Vinyl Chloride	ND	2.0	0.24	µg/L	1		SW-846 8260D	5/1/23	5/2/23 8:01	MFF
m+p Xylene	ND	2.0	0.49	µg/L	1		SW-846 8260D	5/1/23	5/2/23 8:01	MFF
o-Xylene	ND	1.0	0.24	µg/L	1		SW-846 8260D	5/1/23	5/2/23 8:01	MFF
Surrogates	% Recovery		Recovery Limits		Flag/Qual					
1,2-Dichloroethane-d4	98.2		70-130				5/2/23 8:01			
Toluene-d8	105		70-130				5/2/23 8:01			
4-Bromofluorobenzene	91.1		70-130				5/2/23 8:01			

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

Project Location: 63 West Merrick Rd., Lindenhurst

Sample Description:

Work Order: 23D3326

Date Received: 4/27/2023

Field Sample #: MW-103

Sampled: 4/26/2023 09:11

Sample ID: 23D3326-06

Sample Matrix: Ground Water

Volatile Organic Compounds by GC/MS (SIM)

Analyte	Results	RL	DL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
1,4-Dioxane	ND	2.0	1.7	µg/L	1		SW-846 8260D	5/8/23	5/8/23 21:37	EEH
Surrogates	% Recovery		Recovery Limits		Flag/Qual					
1,4-Dioxane-d8	87.8		40-160				5/8/23 21:37			

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

Project Location: 63 West Merrick Rd., Lindenhurst

Sample Description:

Work Order: 23D3326

Date Received: 4/27/2023

Field Sample #: MW-104

Sampled: 4/26/2023 15:10

Sample ID: 23D3326-07

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	3.6	50	2.0	µg/L	1	J	SW-846 8260D	5/1/23	5/2/23 1:48	MFF
Acrylonitrile	ND	5.0	0.47	µg/L	1		SW-846 8260D	5/1/23	5/2/23 1:48	MFF
tert-Amyl Methyl Ether (TAME)	ND	0.50	0.13	µg/L	1		SW-846 8260D	5/1/23	5/2/23 1:48	MFF
Benzene	ND	1.0	0.18	µg/L	1		SW-846 8260D	5/1/23	5/2/23 1:48	MFF
Bromobenzene	ND	1.0	0.15	µg/L	1		SW-846 8260D	5/1/23	5/2/23 1:48	MFF
Bromochloromethane	ND	1.0	0.28	µg/L	1		SW-846 8260D	5/1/23	5/2/23 1:48	MFF
Bromodichloromethane	ND	0.50	0.16	µg/L	1		SW-846 8260D	5/1/23	5/2/23 1:48	MFF
Bromoform	ND	1.0	0.41	µg/L	1	V-05	SW-846 8260D	5/1/23	5/2/23 1:48	MFF
Bromomethane	ND	2.0	1.3	µg/L	1		SW-846 8260D	5/1/23	5/2/23 1:48	MFF
2-Butanone (MEK)	ND	20	1.7	µg/L	1		SW-846 8260D	5/1/23	5/2/23 1:48	MFF
tert-Butyl Alcohol (TBA)	ND	20	4.3	µg/L	1	V-05	SW-846 8260D	5/1/23	5/2/23 1:48	MFF
n-Butylbenzene	ND	1.0	0.15	µg/L	1		SW-846 8260D	5/1/23	5/2/23 1:48	MFF
sec-Butylbenzene	ND	1.0	0.13	µg/L	1		SW-846 8260D	5/1/23	5/2/23 1:48	MFF
tert-Butylbenzene	ND	1.0	0.14	µg/L	1		SW-846 8260D	5/1/23	5/2/23 1:48	MFF
tert-Butyl Ethyl Ether (TBEE)	ND	0.50	0.15	µg/L	1		SW-846 8260D	5/1/23	5/2/23 1:48	MFF
Carbon Disulfide	ND	5.0	1.6	µg/L	1		SW-846 8260D	5/1/23	5/2/23 1:48	MFF
Carbon Tetrachloride	ND	5.0	0.16	µg/L	1		SW-846 8260D	5/1/23	5/2/23 1:48	MFF
Chlorobenzene	ND	1.0	0.12	µg/L	1		SW-846 8260D	5/1/23	5/2/23 1:48	MFF
Chlorodibromomethane	ND	0.50	0.20	µg/L	1		SW-846 8260D	5/1/23	5/2/23 1:48	MFF
Chloroethane	ND	2.0	0.34	µg/L	1		SW-846 8260D	5/1/23	5/2/23 1:48	MFF
Chloroform	ND	2.0	0.14	µg/L	1		SW-846 8260D	5/1/23	5/2/23 1:48	MFF
Chloromethane	ND	2.0	0.50	µg/L	1		SW-846 8260D	5/1/23	5/2/23 1:48	MFF
2-Chlorotoluene	ND	1.0	0.15	µg/L	1		SW-846 8260D	5/1/23	5/2/23 1:48	MFF
4-Chlorotoluene	ND	1.0	0.15	µg/L	1		SW-846 8260D	5/1/23	5/2/23 1:48	MFF
1,2-Dibromo-3-chloropropane (DBCP)	ND	5.0	0.85	µg/L	1	V-05	SW-846 8260D	5/1/23	5/2/23 1:48	MFF
1,2-Dibromoethane (EDB)	ND	0.50	0.16	µg/L	1		SW-846 8260D	5/1/23	5/2/23 1:48	MFF
Dibromomethane	ND	1.0	0.32	µg/L	1		SW-846 8260D	5/1/23	5/2/23 1:48	MFF
1,2-Dichlorobenzene	ND	1.0	0.13	µg/L	1		SW-846 8260D	5/1/23	5/2/23 1:48	MFF
1,3-Dichlorobenzene	ND	1.0	0.14	µg/L	1		SW-846 8260D	5/1/23	5/2/23 1:48	MFF
1,4-Dichlorobenzene	ND	1.0	0.13	µg/L	1		SW-846 8260D	5/1/23	5/2/23 1:48	MFF
trans-1,4-Dichloro-2-butene	ND	2.0	1.5	µg/L	1	V-05	SW-846 8260D	5/1/23	5/2/23 1:48	MFF
Dichlorodifluoromethane (Freon 12)	ND	2.0	0.16	µg/L	1		SW-846 8260D	5/1/23	5/2/23 1:48	MFF
1,1-Dichloroethane	ND	1.0	0.14	µg/L	1		SW-846 8260D	5/1/23	5/2/23 1:48	MFF
1,2-Dichloroethane	ND	1.0	0.30	µg/L	1		SW-846 8260D	5/1/23	5/2/23 1:48	MFF
1,1-Dichloroethylene	ND	1.0	0.14	µg/L	1		SW-846 8260D	5/1/23	5/2/23 1:48	MFF
cis-1,2-Dichloroethylene	0.39	1.0	0.14	µg/L	1	J	SW-846 8260D	5/1/23	5/2/23 1:48	MFF
trans-1,2-Dichloroethylene	ND	1.0	0.17	µg/L	1		SW-846 8260D	5/1/23	5/2/23 1:48	MFF
1,2-Dichloropropane	ND	1.0	0.19	µg/L	1		SW-846 8260D	5/1/23	5/2/23 1:48	MFF
1,3-Dichloropropane	ND	0.50	0.12	µg/L	1		SW-846 8260D	5/1/23	5/2/23 1:48	MFF
2,2-Dichloropropane	ND	1.0	0.35	µg/L	1	V-05	SW-846 8260D	5/1/23	5/2/23 1:48	MFF
1,1-Dichloropropene	ND	2.0	0.15	µg/L	1		SW-846 8260D	5/1/23	5/2/23 1:48	MFF
cis-1,3-Dichloropropene	ND	0.50	0.16	µg/L	1		SW-846 8260D	5/1/23	5/2/23 1:48	MFF
trans-1,3-Dichloropropene	ND	0.50	0.14	µg/L	1		SW-846 8260D	5/1/23	5/2/23 1:48	MFF
Diethyl Ether	ND	2.0	0.14	µg/L	1		SW-846 8260D	5/1/23	5/2/23 1:48	MFF

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

Project Location: 63 West Merrick Rd., Lindenhurst

Sample Description:

Work Order: 23D3326

Date Received: 4/27/2023

Field Sample #: MW-104

Sampled: 4/26/2023 15:10

Sample ID: 23D3326-07

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	0.20	µg/L	1		SW-846 8260D	5/1/23	5/2/23 1:48	MFF
1,4-Dioxane	ND	50	18	µg/L	1		SW-846 8260D	5/1/23	5/2/23 1:48	MFF
Ethylbenzene	ND	1.0	0.22	µg/L	1		SW-846 8260D	5/1/23	5/2/23 1:48	MFF
Hexachlorobutadiene	ND	0.60	0.47	µg/L	1		SW-846 8260D	5/1/23	5/2/23 1:48	MFF
2-Hexanone (MBK)	ND	10	1.2	µg/L	1		SW-846 8260D	5/1/23	5/2/23 1:48	MFF
Isopropylbenzene (Cumene)	ND	1.0	0.15	µg/L	1		SW-846 8260D	5/1/23	5/2/23 1:48	MFF
p-Isopropyltoluene (p-Cymene)	ND	1.0	0.13	µg/L	1		SW-846 8260D	5/1/23	5/2/23 1:48	MFF
Methyl Acetate	ND	1.0	0.61	µg/L	1	V-05	SW-846 8260D	5/1/23	5/2/23 1:48	MFF
Methyl tert-Butyl Ether (MTBE)	ND	1.0	0.17	µg/L	1		SW-846 8260D	5/1/23	5/2/23 1:48	MFF
Methyl Cyclohexane	ND	1.0	0.16	µg/L	1		SW-846 8260D	5/1/23	5/2/23 1:48	MFF
Methylene Chloride	ND	5.0	0.18	µg/L	1		SW-846 8260D	5/1/23	5/2/23 1:48	MFF
4-Methyl-2-pentanone (MIBK)	ND	10	1.3	µg/L	1		SW-846 8260D	5/1/23	5/2/23 1:48	MFF
Naphthalene	ND	2.0	0.38	µg/L	1		SW-846 8260D	5/1/23	5/2/23 1:48	MFF
n-Propylbenzene	ND	1.0	0.12	µg/L	1		SW-846 8260D	5/1/23	5/2/23 1:48	MFF
Styrene	ND	1.0	0.15	µg/L	1		SW-846 8260D	5/1/23	5/2/23 1:48	MFF
1,1,1,2-Tetrachloroethane	ND	1.0	0.16	µg/L	1		SW-846 8260D	5/1/23	5/2/23 1:48	MFF
1,1,2,2-Tetrachloroethane	ND	0.50	0.14	µg/L	1		SW-846 8260D	5/1/23	5/2/23 1:48	MFF
Tetrachloroethylene	20	1.0	0.17	µg/L	1		SW-846 8260D	5/1/23	5/2/23 1:48	MFF
Tetrahydrofuran	ND	10	0.49	µg/L	1		SW-846 8260D	5/1/23	5/2/23 1:48	MFF
Toluene	ND	1.0	0.22	µg/L	1		SW-846 8260D	5/1/23	5/2/23 1:48	MFF
1,2,3-Trichlorobenzene	ND	5.0	0.34	µg/L	1		SW-846 8260D	5/1/23	5/2/23 1:48	MFF
1,2,4-Trichlorobenzene	ND	1.0	0.30	µg/L	1		SW-846 8260D	5/1/23	5/2/23 1:48	MFF
1,3,5-Trichlorobenzene	ND	1.0	0.21	µg/L	1		SW-846 8260D	5/1/23	5/2/23 1:48	MFF
1,1,1-Trichloroethane	ND	1.0	0.15	µg/L	1		SW-846 8260D	5/1/23	5/2/23 1:48	MFF
1,1,2-Trichloroethane	ND	1.0	0.19	µg/L	1		SW-846 8260D	5/1/23	5/2/23 1:48	MFF
Trichloroethylene	2.4	1.0	0.17	µg/L	1		SW-846 8260D	5/1/23	5/2/23 1:48	MFF
Trichlorofluoromethane (Freon 11)	ND	2.0	0.15	µg/L	1		SW-846 8260D	5/1/23	5/2/23 1:48	MFF
1,2,3-Trichloropropane	ND	2.0	0.28	µg/L	1		SW-846 8260D	5/1/23	5/2/23 1:48	MFF
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	1.0	0.21	µg/L	1		SW-846 8260D	5/1/23	5/2/23 1:48	MFF
1,2,4-Trimethylbenzene	ND	1.0	0.20	µg/L	1		SW-846 8260D	5/1/23	5/2/23 1:48	MFF
1,3,5-Trimethylbenzene	ND	1.0	0.15	µg/L	1		SW-846 8260D	5/1/23	5/2/23 1:48	MFF
Vinyl Chloride	ND	2.0	0.24	µg/L	1		SW-846 8260D	5/1/23	5/2/23 1:48	MFF
m+p Xylene	ND	2.0	0.49	µg/L	1		SW-846 8260D	5/1/23	5/2/23 1:48	MFF
o-Xylene	ND	1.0	0.24	µg/L	1		SW-846 8260D	5/1/23	5/2/23 1:48	MFF
Surrogates	% Recovery		Recovery Limits		Flag/Qual					
1,2-Dichloroethane-d4	95.8		70-130				5/2/23 1:48			
Toluene-d8	99.3		70-130				5/2/23 1:48			
4-Bromofluorobenzene	94.3		70-130				5/2/23 1:48			

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

Project Location: 63 West Merrick Rd., Lindenhurst

Sample Description:

Work Order: 23D3326

Date Received: 4/27/2023

Field Sample #: MW-104

Sampled: 4/26/2023 15:10

Sample ID: 23D3326-07

Sample Matrix: Ground Water

Volatile Organic Compounds by GC/MS (SIM)

Analyte	Results	RL	DL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
1,4-Dioxane	ND	2.0	1.7	µg/L	1		SW-846 8260D	5/4/23	5/7/23 13:42	EEH
Surrogates	% Recovery		Recovery Limits		Flag/Qual					
1,4-Dioxane-d8	97.8		40-160				5/7/23 13:42			

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

Project Location: 63 West Merrick Rd., Lindenhurst

Sample Description:

Work Order: 23D3326

Date Received: 4/27/2023

Field Sample #: MW-105

Sampled: 4/26/2023 15:35

Sample ID: 23D3326-08

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	5/1/23	5/2/23 2:14	MFF
Acrylonitrile	ND	5.0	0.47	µg/L	1		SW-846 8260D	5/1/23	5/2/23 2:14	MFF
tert-Amyl Methyl Ether (TAME)	ND	0.50	0.13	µg/L	1		SW-846 8260D	5/1/23	5/2/23 2:14	MFF
Benzene	ND	1.0	0.18	µg/L	1		SW-846 8260D	5/1/23	5/2/23 2:14	MFF
Bromobenzene	ND	1.0	0.15	µg/L	1		SW-846 8260D	5/1/23	5/2/23 2:14	MFF
Bromochloromethane	ND	1.0	0.28	µg/L	1		SW-846 8260D	5/1/23	5/2/23 2:14	MFF
Bromodichloromethane	ND	0.50	0.16	µg/L	1		SW-846 8260D	5/1/23	5/2/23 2:14	MFF
Bromoform	ND	1.0	0.41	µg/L	1	V-05	SW-846 8260D	5/1/23	5/2/23 2:14	MFF
Bromomethane	ND	2.0	1.3	µg/L	1		SW-846 8260D	5/1/23	5/2/23 2:14	MFF
2-Butanone (MEK)	ND	20	1.7	µg/L	1		SW-846 8260D	5/1/23	5/2/23 2:14	MFF
tert-Butyl Alcohol (TBA)	ND	20	4.3	µg/L	1	V-05	SW-846 8260D	5/1/23	5/2/23 2:14	MFF
n-Butylbenzene	ND	1.0	0.15	µg/L	1		SW-846 8260D	5/1/23	5/2/23 2:14	MFF
sec-Butylbenzene	ND	1.0	0.13	µg/L	1		SW-846 8260D	5/1/23	5/2/23 2:14	MFF
tert-Butylbenzene	ND	1.0	0.14	µg/L	1		SW-846 8260D	5/1/23	5/2/23 2:14	MFF
tert-Butyl Ethyl Ether (TBEE)	ND	0.50	0.15	µg/L	1		SW-846 8260D	5/1/23	5/2/23 2:14	MFF
Carbon Disulfide	ND	5.0	1.6	µg/L	1		SW-846 8260D	5/1/23	5/2/23 2:14	MFF
Carbon Tetrachloride	ND	5.0	0.16	µg/L	1		SW-846 8260D	5/1/23	5/2/23 2:14	MFF
Chlorobenzene	ND	1.0	0.12	µg/L	1		SW-846 8260D	5/1/23	5/2/23 2:14	MFF
Chlorodibromomethane	ND	0.50	0.20	µg/L	1		SW-846 8260D	5/1/23	5/2/23 2:14	MFF
Chloroethane	ND	2.0	0.34	µg/L	1		SW-846 8260D	5/1/23	5/2/23 2:14	MFF
Chloroform	ND	2.0	0.14	µg/L	1		SW-846 8260D	5/1/23	5/2/23 2:14	MFF
Chloromethane	ND	2.0	0.50	µg/L	1		SW-846 8260D	5/1/23	5/2/23 2:14	MFF
2-Chlorotoluene	ND	1.0	0.15	µg/L	1		SW-846 8260D	5/1/23	5/2/23 2:14	MFF
4-Chlorotoluene	ND	1.0	0.15	µg/L	1		SW-846 8260D	5/1/23	5/2/23 2:14	MFF
1,2-Dibromo-3-chloropropane (DBCP)	ND	5.0	0.85	µg/L	1	V-05	SW-846 8260D	5/1/23	5/2/23 2:14	MFF
1,2-Dibromoethane (EDB)	ND	0.50	0.16	µg/L	1		SW-846 8260D	5/1/23	5/2/23 2:14	MFF
Dibromomethane	ND	1.0	0.32	µg/L	1		SW-846 8260D	5/1/23	5/2/23 2:14	MFF
1,2-Dichlorobenzene	ND	1.0	0.13	µg/L	1		SW-846 8260D	5/1/23	5/2/23 2:14	MFF
1,3-Dichlorobenzene	ND	1.0	0.14	µg/L	1		SW-846 8260D	5/1/23	5/2/23 2:14	MFF
1,4-Dichlorobenzene	ND	1.0	0.13	µg/L	1		SW-846 8260D	5/1/23	5/2/23 2:14	MFF
trans-1,4-Dichloro-2-butene	ND	2.0	1.5	µg/L	1	V-05	SW-846 8260D	5/1/23	5/2/23 2:14	MFF
Dichlorodifluoromethane (Freon 12)	ND	2.0	0.16	µg/L	1		SW-846 8260D	5/1/23	5/2/23 2:14	MFF
1,1-Dichloroethane	ND	1.0	0.14	µg/L	1		SW-846 8260D	5/1/23	5/2/23 2:14	MFF
1,2-Dichloroethane	ND	1.0	0.30	µg/L	1		SW-846 8260D	5/1/23	5/2/23 2:14	MFF
1,1-Dichloroethylene	ND	1.0	0.14	µg/L	1		SW-846 8260D	5/1/23	5/2/23 2:14	MFF
cis-1,2-Dichloroethylene	11	1.0	0.14	µg/L	1		SW-846 8260D	5/1/23	5/2/23 2:14	MFF
trans-1,2-Dichloroethylene	ND	1.0	0.17	µg/L	1		SW-846 8260D	5/1/23	5/2/23 2:14	MFF
1,2-Dichloropropane	ND	1.0	0.19	µg/L	1		SW-846 8260D	5/1/23	5/2/23 2:14	MFF
1,3-Dichloropropane	ND	0.50	0.12	µg/L	1		SW-846 8260D	5/1/23	5/2/23 2:14	MFF
2,2-Dichloropropane	ND	1.0	0.35	µg/L	1	V-05	SW-846 8260D	5/1/23	5/2/23 2:14	MFF
1,1-Dichloropropene	ND	2.0	0.15	µg/L	1		SW-846 8260D	5/1/23	5/2/23 2:14	MFF
cis-1,3-Dichloropropene	ND	0.50	0.16	µg/L	1		SW-846 8260D	5/1/23	5/2/23 2:14	MFF
trans-1,3-Dichloropropene	ND	0.50	0.14	µg/L	1		SW-846 8260D	5/1/23	5/2/23 2:14	MFF
Diethyl Ether	ND	2.0	0.14	µg/L	1		SW-846 8260D	5/1/23	5/2/23 2:14	MFF

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

Project Location: 63 West Merrick Rd., Lindenhurst

Sample Description:

Work Order: 23D3326

Date Received: 4/27/2023

Field Sample #: MW-105

Sampled: 4/26/2023 15:35

Sample ID: 23D3326-08

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	0.20	µg/L	1		SW-846 8260D	5/1/23	5/2/23 2:14	MFF
1,4-Dioxane	ND	50	18	µg/L	1		SW-846 8260D	5/1/23	5/2/23 2:14	MFF
Ethylbenzene	ND	1.0	0.22	µg/L	1		SW-846 8260D	5/1/23	5/2/23 2:14	MFF
Hexachlorobutadiene	ND	0.60	0.47	µg/L	1		SW-846 8260D	5/1/23	5/2/23 2:14	MFF
2-Hexanone (MBK)	ND	10	1.2	µg/L	1		SW-846 8260D	5/1/23	5/2/23 2:14	MFF
Isopropylbenzene (Cumene)	ND	1.0	0.15	µg/L	1		SW-846 8260D	5/1/23	5/2/23 2:14	MFF
p-Isopropyltoluene (p-Cymene)	ND	1.0	0.13	µg/L	1		SW-846 8260D	5/1/23	5/2/23 2:14	MFF
Methyl Acetate	ND	1.0	0.61	µg/L	1	V-05	SW-846 8260D	5/1/23	5/2/23 2:14	MFF
Methyl tert-Butyl Ether (MTBE)	ND	1.0	0.17	µg/L	1		SW-846 8260D	5/1/23	5/2/23 2:14	MFF
Methyl Cyclohexane	ND	1.0	0.16	µg/L	1		SW-846 8260D	5/1/23	5/2/23 2:14	MFF
Methylene Chloride	ND	5.0	0.18	µg/L	1		SW-846 8260D	5/1/23	5/2/23 2:14	MFF
4-Methyl-2-pentanone (MIBK)	ND	10	1.3	µg/L	1		SW-846 8260D	5/1/23	5/2/23 2:14	MFF
Naphthalene	ND	2.0	0.38	µg/L	1		SW-846 8260D	5/1/23	5/2/23 2:14	MFF
n-Propylbenzene	ND	1.0	0.12	µg/L	1		SW-846 8260D	5/1/23	5/2/23 2:14	MFF
Styrene	ND	1.0	0.15	µg/L	1		SW-846 8260D	5/1/23	5/2/23 2:14	MFF
1,1,1,2-Tetrachloroethane	ND	1.0	0.16	µg/L	1		SW-846 8260D	5/1/23	5/2/23 2:14	MFF
1,1,2,2-Tetrachloroethane	ND	0.50	0.14	µg/L	1		SW-846 8260D	5/1/23	5/2/23 2:14	MFF
Tetrachloroethylene	4.8	1.0	0.17	µg/L	1		SW-846 8260D	5/1/23	5/2/23 2:14	MFF
Tetrahydrofuran	ND	10	0.49	µg/L	1		SW-846 8260D	5/1/23	5/2/23 2:14	MFF
Toluene	ND	1.0	0.22	µg/L	1		SW-846 8260D	5/1/23	5/2/23 2:14	MFF
1,2,3-Trichlorobenzene	ND	5.0	0.34	µg/L	1		SW-846 8260D	5/1/23	5/2/23 2:14	MFF
1,2,4-Trichlorobenzene	ND	1.0	0.30	µg/L	1		SW-846 8260D	5/1/23	5/2/23 2:14	MFF
1,3,5-Trichlorobenzene	ND	1.0	0.21	µg/L	1		SW-846 8260D	5/1/23	5/2/23 2:14	MFF
1,1,1-Trichloroethane	ND	1.0	0.15	µg/L	1		SW-846 8260D	5/1/23	5/2/23 2:14	MFF
1,1,2-Trichloroethane	ND	1.0	0.19	µg/L	1		SW-846 8260D	5/1/23	5/2/23 2:14	MFF
Trichloroethylene	0.64	1.0	0.17	µg/L	1	J	SW-846 8260D	5/1/23	5/2/23 2:14	MFF
Trichlorofluoromethane (Freon 11)	ND	2.0	0.15	µg/L	1		SW-846 8260D	5/1/23	5/2/23 2:14	MFF
1,2,3-Trichloropropane	ND	2.0	0.28	µg/L	1		SW-846 8260D	5/1/23	5/2/23 2:14	MFF
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	1.0	0.21	µg/L	1		SW-846 8260D	5/1/23	5/2/23 2:14	MFF
1,2,4-Trimethylbenzene	ND	1.0	0.20	µg/L	1		SW-846 8260D	5/1/23	5/2/23 2:14	MFF
1,3,5-Trimethylbenzene	ND	1.0	0.15	µg/L	1		SW-846 8260D	5/1/23	5/2/23 2:14	MFF
Vinyl Chloride	2.1	2.0	0.24	µg/L	1		SW-846 8260D	5/1/23	5/2/23 2:14	MFF
m+p Xylene	ND	2.0	0.49	µg/L	1		SW-846 8260D	5/1/23	5/2/23 2:14	MFF
o-Xylene	ND	1.0	0.24	µg/L	1		SW-846 8260D	5/1/23	5/2/23 2:14	MFF
Surrogates	% Recovery		Recovery Limits		Flag/Qual					
1,2-Dichloroethane-d4	98.8		70-130				5/2/23 2:14			
Toluene-d8	97.4		70-130				5/2/23 2:14			
4-Bromofluorobenzene	96.5		70-130				5/2/23 2:14			

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

Project Location: 63 West Merrick Rd., Lindenhurst

Sample Description:

Work Order: 23D3326

Date Received: 4/27/2023

Field Sample #: MW-105

Sampled: 4/26/2023 15:35

Sample ID: 23D3326-08

Sample Matrix: Ground Water

Volatile Organic Compounds by GC/MS (SIM)

Analyte	Results	RL	DL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
1,4-Dioxane	ND	2.0	1.7	µg/L	1		SW-846 8260D	5/4/23	5/7/23 14:09	EEH
Surrogates	% Recovery		Recovery Limits		Flag/Qual					
1,4-Dioxane-d8	90.7		40-160				5/7/23 14:09			

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

Project Location: 63 West Merrick Rd., Lindenhurst

Sample Description:

Work Order: 23D3326

Date Received: 4/27/2023

Field Sample #: MW-106

Sampled: 4/26/2023 12:50

Sample ID: 23D3326-09

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	2.8	50	2.0	µg/L	1	J	SW-846 8260D	5/1/23	5/2/23 2:41	MFF
Acrylonitrile	ND	5.0	0.47	µg/L	1		SW-846 8260D	5/1/23	5/2/23 2:41	MFF
tert-Amyl Methyl Ether (TAME)	ND	0.50	0.13	µg/L	1		SW-846 8260D	5/1/23	5/2/23 2:41	MFF
Benzene	ND	1.0	0.18	µg/L	1		SW-846 8260D	5/1/23	5/2/23 2:41	MFF
Bromobenzene	ND	1.0	0.15	µg/L	1		SW-846 8260D	5/1/23	5/2/23 2:41	MFF
Bromochloromethane	ND	1.0	0.28	µg/L	1		SW-846 8260D	5/1/23	5/2/23 2:41	MFF
Bromodichloromethane	ND	0.50	0.16	µg/L	1		SW-846 8260D	5/1/23	5/2/23 2:41	MFF
Bromoform	ND	1.0	0.41	µg/L	1	V-05	SW-846 8260D	5/1/23	5/2/23 2:41	MFF
Bromomethane	ND	2.0	1.3	µg/L	1		SW-846 8260D	5/1/23	5/2/23 2:41	MFF
2-Butanone (MEK)	ND	20	1.7	µg/L	1		SW-846 8260D	5/1/23	5/2/23 2:41	MFF
tert-Butyl Alcohol (TBA)	ND	20	4.3	µg/L	1	V-05	SW-846 8260D	5/1/23	5/2/23 2:41	MFF
n-Butylbenzene	ND	1.0	0.15	µg/L	1		SW-846 8260D	5/1/23	5/2/23 2:41	MFF
sec-Butylbenzene	ND	1.0	0.13	µg/L	1		SW-846 8260D	5/1/23	5/2/23 2:41	MFF
tert-Butylbenzene	ND	1.0	0.14	µg/L	1		SW-846 8260D	5/1/23	5/2/23 2:41	MFF
tert-Butyl Ethyl Ether (TBEE)	ND	0.50	0.15	µg/L	1		SW-846 8260D	5/1/23	5/2/23 2:41	MFF
Carbon Disulfide	ND	5.0	1.6	µg/L	1		SW-846 8260D	5/1/23	5/2/23 2:41	MFF
Carbon Tetrachloride	ND	5.0	0.16	µg/L	1		SW-846 8260D	5/1/23	5/2/23 2:41	MFF
Chlorobenzene	ND	1.0	0.12	µg/L	1		SW-846 8260D	5/1/23	5/2/23 2:41	MFF
Chlorodibromomethane	ND	0.50	0.20	µg/L	1		SW-846 8260D	5/1/23	5/2/23 2:41	MFF
Chloroethane	ND	2.0	0.34	µg/L	1		SW-846 8260D	5/1/23	5/2/23 2:41	MFF
Chloroform	ND	2.0	0.14	µg/L	1		SW-846 8260D	5/1/23	5/2/23 2:41	MFF
Chloromethane	ND	2.0	0.50	µg/L	1		SW-846 8260D	5/1/23	5/2/23 2:41	MFF
2-Chlorotoluene	ND	1.0	0.15	µg/L	1		SW-846 8260D	5/1/23	5/2/23 2:41	MFF
4-Chlorotoluene	ND	1.0	0.15	µg/L	1		SW-846 8260D	5/1/23	5/2/23 2:41	MFF
1,2-Dibromo-3-chloropropane (DBCP)	ND	5.0	0.85	µg/L	1	V-05	SW-846 8260D	5/1/23	5/2/23 2:41	MFF
1,2-Dibromoethane (EDB)	ND	0.50	0.16	µg/L	1		SW-846 8260D	5/1/23	5/2/23 2:41	MFF
Dibromomethane	ND	1.0	0.32	µg/L	1		SW-846 8260D	5/1/23	5/2/23 2:41	MFF
1,2-Dichlorobenzene	ND	1.0	0.13	µg/L	1		SW-846 8260D	5/1/23	5/2/23 2:41	MFF
1,3-Dichlorobenzene	ND	1.0	0.14	µg/L	1		SW-846 8260D	5/1/23	5/2/23 2:41	MFF
1,4-Dichlorobenzene	ND	1.0	0.13	µg/L	1		SW-846 8260D	5/1/23	5/2/23 2:41	MFF
trans-1,4-Dichloro-2-butene	ND	2.0	1.5	µg/L	1	V-05	SW-846 8260D	5/1/23	5/2/23 2:41	MFF
Dichlorodifluoromethane (Freon 12)	ND	2.0	0.16	µg/L	1		SW-846 8260D	5/1/23	5/2/23 2:41	MFF
1,1-Dichloroethane	ND	1.0	0.14	µg/L	1		SW-846 8260D	5/1/23	5/2/23 2:41	MFF
1,2-Dichloroethane	ND	1.0	0.30	µg/L	1		SW-846 8260D	5/1/23	5/2/23 2:41	MFF
1,1-Dichloroethylene	ND	1.0	0.14	µg/L	1		SW-846 8260D	5/1/23	5/2/23 2:41	MFF
cis-1,2-Dichloroethylene	3.0	1.0	0.14	µg/L	1		SW-846 8260D	5/1/23	5/2/23 2:41	MFF
trans-1,2-Dichloroethylene	ND	1.0	0.17	µg/L	1		SW-846 8260D	5/1/23	5/2/23 2:41	MFF
1,2-Dichloropropane	ND	1.0	0.19	µg/L	1		SW-846 8260D	5/1/23	5/2/23 2:41	MFF
1,3-Dichloropropane	ND	0.50	0.12	µg/L	1		SW-846 8260D	5/1/23	5/2/23 2:41	MFF
2,2-Dichloropropane	ND	1.0	0.35	µg/L	1	V-05	SW-846 8260D	5/1/23	5/2/23 2:41	MFF
1,1-Dichloropropene	ND	2.0	0.15	µg/L	1		SW-846 8260D	5/1/23	5/2/23 2:41	MFF
cis-1,3-Dichloropropene	ND	0.50	0.16	µg/L	1		SW-846 8260D	5/1/23	5/2/23 2:41	MFF
trans-1,3-Dichloropropene	ND	0.50	0.14	µg/L	1		SW-846 8260D	5/1/23	5/2/23 2:41	MFF
Diethyl Ether	ND	2.0	0.14	µg/L	1		SW-846 8260D	5/1/23	5/2/23 2:41	MFF

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

Project Location: 63 West Merrick Rd., Lindenhurst

Sample Description:

Work Order: 23D3326

Date Received: 4/27/2023

Field Sample #: MW-106

Sampled: 4/26/2023 12:50

Sample ID: 23D3326-09

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	0.20	µg/L	1		SW-846 8260D	5/1/23	5/2/23 2:41	MFF
1,4-Dioxane	ND	50	18	µg/L	1		SW-846 8260D	5/1/23	5/2/23 2:41	MFF
Ethylbenzene	ND	1.0	0.22	µg/L	1		SW-846 8260D	5/1/23	5/2/23 2:41	MFF
Hexachlorobutadiene	ND	0.60	0.47	µg/L	1		SW-846 8260D	5/1/23	5/2/23 2:41	MFF
2-Hexanone (MBK)	ND	10	1.2	µg/L	1		SW-846 8260D	5/1/23	5/2/23 2:41	MFF
Isopropylbenzene (Cumene)	ND	1.0	0.15	µg/L	1		SW-846 8260D	5/1/23	5/2/23 2:41	MFF
p-Isopropyltoluene (p-Cymene)	ND	1.0	0.13	µg/L	1		SW-846 8260D	5/1/23	5/2/23 2:41	MFF
Methyl Acetate	ND	1.0	0.61	µg/L	1	V-05	SW-846 8260D	5/1/23	5/2/23 2:41	MFF
Methyl tert-Butyl Ether (MTBE)	ND	1.0	0.17	µg/L	1		SW-846 8260D	5/1/23	5/2/23 2:41	MFF
Methyl Cyclohexane	ND	1.0	0.16	µg/L	1		SW-846 8260D	5/1/23	5/2/23 2:41	MFF
Methylene Chloride	ND	5.0	0.18	µg/L	1		SW-846 8260D	5/1/23	5/2/23 2:41	MFF
4-Methyl-2-pentanone (MIBK)	ND	10	1.3	µg/L	1		SW-846 8260D	5/1/23	5/2/23 2:41	MFF
Naphthalene	ND	2.0	0.38	µg/L	1		SW-846 8260D	5/1/23	5/2/23 2:41	MFF
n-Propylbenzene	ND	1.0	0.12	µg/L	1		SW-846 8260D	5/1/23	5/2/23 2:41	MFF
Styrene	ND	1.0	0.15	µg/L	1		SW-846 8260D	5/1/23	5/2/23 2:41	MFF
1,1,1,2-Tetrachloroethane	ND	1.0	0.16	µg/L	1		SW-846 8260D	5/1/23	5/2/23 2:41	MFF
1,1,2,2-Tetrachloroethane	ND	0.50	0.14	µg/L	1		SW-846 8260D	5/1/23	5/2/23 2:41	MFF
Tetrachloroethylene	12	1.0	0.17	µg/L	1		SW-846 8260D	5/1/23	5/2/23 2:41	MFF
Tetrahydrofuran	ND	10	0.49	µg/L	1		SW-846 8260D	5/1/23	5/2/23 2:41	MFF
Toluene	ND	1.0	0.22	µg/L	1		SW-846 8260D	5/1/23	5/2/23 2:41	MFF
1,2,3-Trichlorobenzene	ND	5.0	0.34	µg/L	1		SW-846 8260D	5/1/23	5/2/23 2:41	MFF
1,2,4-Trichlorobenzene	ND	1.0	0.30	µg/L	1		SW-846 8260D	5/1/23	5/2/23 2:41	MFF
1,3,5-Trichlorobenzene	ND	1.0	0.21	µg/L	1		SW-846 8260D	5/1/23	5/2/23 2:41	MFF
1,1,1-Trichloroethane	ND	1.0	0.15	µg/L	1		SW-846 8260D	5/1/23	5/2/23 2:41	MFF
1,1,2-Trichloroethane	ND	1.0	0.19	µg/L	1		SW-846 8260D	5/1/23	5/2/23 2:41	MFF
Trichloroethylene	2.5	1.0	0.17	µg/L	1		SW-846 8260D	5/1/23	5/2/23 2:41	MFF
Trichlorofluoromethane (Freon 11)	ND	2.0	0.15	µg/L	1		SW-846 8260D	5/1/23	5/2/23 2:41	MFF
1,2,3-Trichloropropane	ND	2.0	0.28	µg/L	1		SW-846 8260D	5/1/23	5/2/23 2:41	MFF
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	1.0	0.21	µg/L	1		SW-846 8260D	5/1/23	5/2/23 2:41	MFF
1,2,4-Trimethylbenzene	ND	1.0	0.20	µg/L	1		SW-846 8260D	5/1/23	5/2/23 2:41	MFF
1,3,5-Trimethylbenzene	ND	1.0	0.15	µg/L	1		SW-846 8260D	5/1/23	5/2/23 2:41	MFF
Vinyl Chloride	ND	2.0	0.24	µg/L	1		SW-846 8260D	5/1/23	5/2/23 2:41	MFF
m+p Xylene	ND	2.0	0.49	µg/L	1		SW-846 8260D	5/1/23	5/2/23 2:41	MFF
o-Xylene	ND	1.0	0.24	µg/L	1		SW-846 8260D	5/1/23	5/2/23 2:41	MFF
Surrogates	% Recovery		Recovery Limits		Flag/Qual					
1,2-Dichloroethane-d4	94.7		70-130				5/2/23 2:41			
Toluene-d8	100		70-130				5/2/23 2:41			
4-Bromofluorobenzene	94.9		70-130				5/2/23 2:41			

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

Project Location: 63 West Merrick Rd., Lindenhurst

Sample Description:

Work Order: 23D3326

Date Received: 4/27/2023

Field Sample #: MW-106

Sampled: 4/26/2023 12:50

Sample ID: 23D3326-09

Sample Matrix: Ground Water

Volatile Organic Compounds by GC/MS (SIM)

Analyte	Results	RL	DL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
1,4-Dioxane	ND	2.0	1.7	µg/L	1		SW-846 8260D	5/4/23	5/7/23 14:36	EEH
Surrogates	% Recovery		Recovery Limits		Flag/Qual					
1,4-Dioxane-d8	72.1		40-160				5/7/23 14:36			

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

Project Location: 63 West Merrick Rd., Lindenhurst

Sample Description:

Work Order: 23D3326

Date Received: 4/27/2023

Field Sample #: MW-107

Sampled: 4/26/2023 14:03

Sample ID: 23D3326-10

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	2.6	50	2.0	µg/L	1	J	SW-846 8260D	5/1/23	5/2/23 3:08	MFF
Acrylonitrile	ND	5.0	0.47	µg/L	1		SW-846 8260D	5/1/23	5/2/23 3:08	MFF
tert-Amyl Methyl Ether (TAME)	ND	0.50	0.13	µg/L	1		SW-846 8260D	5/1/23	5/2/23 3:08	MFF
Benzene	ND	1.0	0.18	µg/L	1		SW-846 8260D	5/1/23	5/2/23 3:08	MFF
Bromobenzene	ND	1.0	0.15	µg/L	1		SW-846 8260D	5/1/23	5/2/23 3:08	MFF
Bromochloromethane	ND	1.0	0.28	µg/L	1		SW-846 8260D	5/1/23	5/2/23 3:08	MFF
Bromodichloromethane	ND	0.50	0.16	µg/L	1		SW-846 8260D	5/1/23	5/2/23 3:08	MFF
Bromoform	ND	1.0	0.41	µg/L	1	V-05	SW-846 8260D	5/1/23	5/2/23 3:08	MFF
Bromomethane	ND	2.0	1.3	µg/L	1		SW-846 8260D	5/1/23	5/2/23 3:08	MFF
2-Butanone (MEK)	ND	20	1.7	µg/L	1		SW-846 8260D	5/1/23	5/2/23 3:08	MFF
tert-Butyl Alcohol (TBA)	ND	20	4.3	µg/L	1	V-05	SW-846 8260D	5/1/23	5/2/23 3:08	MFF
n-Butylbenzene	ND	1.0	0.15	µg/L	1		SW-846 8260D	5/1/23	5/2/23 3:08	MFF
sec-Butylbenzene	ND	1.0	0.13	µg/L	1		SW-846 8260D	5/1/23	5/2/23 3:08	MFF
tert-Butylbenzene	ND	1.0	0.14	µg/L	1		SW-846 8260D	5/1/23	5/2/23 3:08	MFF
tert-Butyl Ethyl Ether (TBEE)	ND	0.50	0.15	µg/L	1		SW-846 8260D	5/1/23	5/2/23 3:08	MFF
Carbon Disulfide	ND	5.0	1.6	µg/L	1		SW-846 8260D	5/1/23	5/2/23 3:08	MFF
Carbon Tetrachloride	ND	5.0	0.16	µg/L	1		SW-846 8260D	5/1/23	5/2/23 3:08	MFF
Chlorobenzene	ND	1.0	0.12	µg/L	1		SW-846 8260D	5/1/23	5/2/23 3:08	MFF
Chlorodibromomethane	ND	0.50	0.20	µg/L	1		SW-846 8260D	5/1/23	5/2/23 3:08	MFF
Chloroethane	ND	2.0	0.34	µg/L	1		SW-846 8260D	5/1/23	5/2/23 3:08	MFF
Chloroform	ND	2.0	0.14	µg/L	1		SW-846 8260D	5/1/23	5/2/23 3:08	MFF
Chloromethane	ND	2.0	0.50	µg/L	1		SW-846 8260D	5/1/23	5/2/23 3:08	MFF
2-Chlorotoluene	ND	1.0	0.15	µg/L	1		SW-846 8260D	5/1/23	5/2/23 3:08	MFF
4-Chlorotoluene	ND	1.0	0.15	µg/L	1		SW-846 8260D	5/1/23	5/2/23 3:08	MFF
1,2-Dibromo-3-chloropropane (DBCP)	ND	5.0	0.85	µg/L	1	V-05	SW-846 8260D	5/1/23	5/2/23 3:08	MFF
1,2-Dibromoethane (EDB)	ND	0.50	0.16	µg/L	1		SW-846 8260D	5/1/23	5/2/23 3:08	MFF
Dibromomethane	ND	1.0	0.32	µg/L	1		SW-846 8260D	5/1/23	5/2/23 3:08	MFF
1,2-Dichlorobenzene	ND	1.0	0.13	µg/L	1		SW-846 8260D	5/1/23	5/2/23 3:08	MFF
1,3-Dichlorobenzene	ND	1.0	0.14	µg/L	1		SW-846 8260D	5/1/23	5/2/23 3:08	MFF
1,4-Dichlorobenzene	ND	1.0	0.13	µg/L	1		SW-846 8260D	5/1/23	5/2/23 3:08	MFF
trans-1,4-Dichloro-2-butene	ND	2.0	1.5	µg/L	1	V-05	SW-846 8260D	5/1/23	5/2/23 3:08	MFF
Dichlorodifluoromethane (Freon 12)	ND	2.0	0.16	µg/L	1		SW-846 8260D	5/1/23	5/2/23 3:08	MFF
1,1-Dichloroethane	ND	1.0	0.14	µg/L	1		SW-846 8260D	5/1/23	5/2/23 3:08	MFF
1,2-Dichloroethane	ND	1.0	0.30	µg/L	1		SW-846 8260D	5/1/23	5/2/23 3:08	MFF
1,1-Dichloroethylene	ND	1.0	0.14	µg/L	1		SW-846 8260D	5/1/23	5/2/23 3:08	MFF
cis-1,2-Dichloroethylene	ND	1.0	0.14	µg/L	1		SW-846 8260D	5/1/23	5/2/23 3:08	MFF
trans-1,2-Dichloroethylene	ND	1.0	0.17	µg/L	1		SW-846 8260D	5/1/23	5/2/23 3:08	MFF
1,2-Dichloropropane	ND	1.0	0.19	µg/L	1		SW-846 8260D	5/1/23	5/2/23 3:08	MFF
1,3-Dichloropropane	ND	0.50	0.12	µg/L	1		SW-846 8260D	5/1/23	5/2/23 3:08	MFF
2,2-Dichloropropane	ND	1.0	0.35	µg/L	1	V-05	SW-846 8260D	5/1/23	5/2/23 3:08	MFF
1,1-Dichloropropene	ND	2.0	0.15	µg/L	1		SW-846 8260D	5/1/23	5/2/23 3:08	MFF
cis-1,3-Dichloropropene	ND	0.50	0.16	µg/L	1		SW-846 8260D	5/1/23	5/2/23 3:08	MFF
trans-1,3-Dichloropropene	ND	0.50	0.14	µg/L	1		SW-846 8260D	5/1/23	5/2/23 3:08	MFF
Diethyl Ether	ND	2.0	0.14	µg/L	1		SW-846 8260D	5/1/23	5/2/23 3:08	MFF

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

Project Location: 63 West Merrick Rd., Lindenhurst

Sample Description:

Work Order: 23D3326

Date Received: 4/27/2023

Field Sample #: MW-107

Sampled: 4/26/2023 14:03

Sample ID: 23D3326-10

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	0.20	µg/L	1		SW-846 8260D	5/1/23	5/2/23 3:08	MFF
1,4-Dioxane	ND	50	18	µg/L	1		SW-846 8260D	5/1/23	5/2/23 3:08	MFF
Ethylbenzene	ND	1.0	0.22	µg/L	1		SW-846 8260D	5/1/23	5/2/23 3:08	MFF
Hexachlorobutadiene	ND	0.60	0.47	µg/L	1		SW-846 8260D	5/1/23	5/2/23 3:08	MFF
2-Hexanone (MBK)	ND	10	1.2	µg/L	1		SW-846 8260D	5/1/23	5/2/23 3:08	MFF
Isopropylbenzene (Cumene)	ND	1.0	0.15	µg/L	1		SW-846 8260D	5/1/23	5/2/23 3:08	MFF
p-Isopropyltoluene (p-Cymene)	ND	1.0	0.13	µg/L	1		SW-846 8260D	5/1/23	5/2/23 3:08	MFF
Methyl Acetate	ND	1.0	0.61	µg/L	1	V-05	SW-846 8260D	5/1/23	5/2/23 3:08	MFF
Methyl tert-Butyl Ether (MTBE)	ND	1.0	0.17	µg/L	1		SW-846 8260D	5/1/23	5/2/23 3:08	MFF
Methyl Cyclohexane	ND	1.0	0.16	µg/L	1		SW-846 8260D	5/1/23	5/2/23 3:08	MFF
Methylene Chloride	ND	5.0	0.18	µg/L	1		SW-846 8260D	5/1/23	5/2/23 3:08	MFF
4-Methyl-2-pentanone (MIBK)	ND	10	1.3	µg/L	1		SW-846 8260D	5/1/23	5/2/23 3:08	MFF
Naphthalene	ND	2.0	0.38	µg/L	1		SW-846 8260D	5/1/23	5/2/23 3:08	MFF
n-Propylbenzene	ND	1.0	0.12	µg/L	1		SW-846 8260D	5/1/23	5/2/23 3:08	MFF
Styrene	ND	1.0	0.15	µg/L	1		SW-846 8260D	5/1/23	5/2/23 3:08	MFF
1,1,1,2-Tetrachloroethane	ND	1.0	0.16	µg/L	1		SW-846 8260D	5/1/23	5/2/23 3:08	MFF
1,1,2,2-Tetrachloroethane	ND	0.50	0.14	µg/L	1		SW-846 8260D	5/1/23	5/2/23 3:08	MFF
Tetrachloroethylene	1.6	1.0	0.17	µg/L	1		SW-846 8260D	5/1/23	5/2/23 3:08	MFF
Tetrahydrofuran	ND	10	0.49	µg/L	1		SW-846 8260D	5/1/23	5/2/23 3:08	MFF
Toluene	ND	1.0	0.22	µg/L	1		SW-846 8260D	5/1/23	5/2/23 3:08	MFF
1,2,3-Trichlorobenzene	ND	5.0	0.34	µg/L	1		SW-846 8260D	5/1/23	5/2/23 3:08	MFF
1,2,4-Trichlorobenzene	ND	1.0	0.30	µg/L	1		SW-846 8260D	5/1/23	5/2/23 3:08	MFF
1,3,5-Trichlorobenzene	ND	1.0	0.21	µg/L	1		SW-846 8260D	5/1/23	5/2/23 3:08	MFF
1,1,1-Trichloroethane	ND	1.0	0.15	µg/L	1		SW-846 8260D	5/1/23	5/2/23 3:08	MFF
1,1,2-Trichloroethane	ND	1.0	0.19	µg/L	1		SW-846 8260D	5/1/23	5/2/23 3:08	MFF
Trichloroethylene	ND	1.0	0.17	µg/L	1		SW-846 8260D	5/1/23	5/2/23 3:08	MFF
Trichlorofluoromethane (Freon 11)	ND	2.0	0.15	µg/L	1		SW-846 8260D	5/1/23	5/2/23 3:08	MFF
1,2,3-Trichloropropane	ND	2.0	0.28	µg/L	1		SW-846 8260D	5/1/23	5/2/23 3:08	MFF
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	1.0	0.21	µg/L	1		SW-846 8260D	5/1/23	5/2/23 3:08	MFF
1,2,4-Trimethylbenzene	ND	1.0	0.20	µg/L	1		SW-846 8260D	5/1/23	5/2/23 3:08	MFF
1,3,5-Trimethylbenzene	ND	1.0	0.15	µg/L	1		SW-846 8260D	5/1/23	5/2/23 3:08	MFF
Vinyl Chloride	ND	2.0	0.24	µg/L	1		SW-846 8260D	5/1/23	5/2/23 3:08	MFF
m+p Xylene	ND	2.0	0.49	µg/L	1		SW-846 8260D	5/1/23	5/2/23 3:08	MFF
o-Xylene	ND	1.0	0.24	µg/L	1		SW-846 8260D	5/1/23	5/2/23 3:08	MFF
Surrogates	% Recovery		Recovery Limits		Flag/Qual					
1,2-Dichloroethane-d4	96.2		70-130				5/2/23 3:08			
Toluene-d8	105		70-130				5/2/23 3:08			
4-Bromofluorobenzene	93.7		70-130				5/2/23 3:08			

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

Project Location: 63 West Merrick Rd., Lindenhurst

Sample Description:

Work Order: 23D3326

Date Received: 4/27/2023

Field Sample #: MW-107

Sampled: 4/26/2023 14:03

Sample ID: 23D3326-10

Sample Matrix: Ground Water

Volatile Organic Compounds by GC/MS (SIM)

Analyte	Results	RL	DL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
1,4-Dioxane	ND	2.0	1.7	µg/L	1		SW-846 8260D	5/4/23	5/7/23 15:02	EEH
Surrogates	% Recovery		Recovery Limits		Flag/Qual					
1,4-Dioxane-d8	80.0		40-160				5/7/23 15:02			

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

Project Location: 63 West Merrick Rd., Lindenhurst

Sample Description:

Work Order: 23D3326

Date Received: 4/27/2023

Field Sample #: MW-108

Sampled: 4/26/2023 09:15

Sample ID: 23D3326-11

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	2.8	50	2.0	µg/L	1	J	SW-846 8260D	5/1/23	5/2/23 3:34	MFF
Acrylonitrile	ND	5.0	0.47	µg/L	1		SW-846 8260D	5/1/23	5/2/23 3:34	MFF
tert-Amyl Methyl Ether (TAME)	ND	0.50	0.13	µg/L	1		SW-846 8260D	5/1/23	5/2/23 3:34	MFF
Benzene	ND	1.0	0.18	µg/L	1		SW-846 8260D	5/1/23	5/2/23 3:34	MFF
Bromobenzene	ND	1.0	0.15	µg/L	1		SW-846 8260D	5/1/23	5/2/23 3:34	MFF
Bromochloromethane	ND	1.0	0.28	µg/L	1		SW-846 8260D	5/1/23	5/2/23 3:34	MFF
Bromodichloromethane	ND	0.50	0.16	µg/L	1		SW-846 8260D	5/1/23	5/2/23 3:34	MFF
Bromoform	ND	1.0	0.41	µg/L	1	V-05	SW-846 8260D	5/1/23	5/2/23 3:34	MFF
Bromomethane	ND	2.0	1.3	µg/L	1		SW-846 8260D	5/1/23	5/2/23 3:34	MFF
2-Butanone (MEK)	ND	20	1.7	µg/L	1		SW-846 8260D	5/1/23	5/2/23 3:34	MFF
tert-Butyl Alcohol (TBA)	ND	20	4.3	µg/L	1	V-05	SW-846 8260D	5/1/23	5/2/23 3:34	MFF
n-Butylbenzene	ND	1.0	0.15	µg/L	1		SW-846 8260D	5/1/23	5/2/23 3:34	MFF
sec-Butylbenzene	ND	1.0	0.13	µg/L	1		SW-846 8260D	5/1/23	5/2/23 3:34	MFF
tert-Butylbenzene	ND	1.0	0.14	µg/L	1		SW-846 8260D	5/1/23	5/2/23 3:34	MFF
tert-Butyl Ethyl Ether (TBEE)	ND	0.50	0.15	µg/L	1		SW-846 8260D	5/1/23	5/2/23 3:34	MFF
Carbon Disulfide	ND	5.0	1.6	µg/L	1		SW-846 8260D	5/1/23	5/2/23 3:34	MFF
Carbon Tetrachloride	ND	5.0	0.16	µg/L	1		SW-846 8260D	5/1/23	5/2/23 3:34	MFF
Chlorobenzene	ND	1.0	0.12	µg/L	1		SW-846 8260D	5/1/23	5/2/23 3:34	MFF
Chlorodibromomethane	ND	0.50	0.20	µg/L	1		SW-846 8260D	5/1/23	5/2/23 3:34	MFF
Chloroethane	ND	2.0	0.34	µg/L	1		SW-846 8260D	5/1/23	5/2/23 3:34	MFF
Chloroform	ND	2.0	0.14	µg/L	1		SW-846 8260D	5/1/23	5/2/23 3:34	MFF
Chloromethane	ND	2.0	0.50	µg/L	1		SW-846 8260D	5/1/23	5/2/23 3:34	MFF
2-Chlorotoluene	ND	1.0	0.15	µg/L	1		SW-846 8260D	5/1/23	5/2/23 3:34	MFF
4-Chlorotoluene	ND	1.0	0.15	µg/L	1		SW-846 8260D	5/1/23	5/2/23 3:34	MFF
1,2-Dibromo-3-chloropropane (DBCP)	ND	5.0	0.85	µg/L	1	V-05	SW-846 8260D	5/1/23	5/2/23 3:34	MFF
1,2-Dibromoethane (EDB)	ND	0.50	0.16	µg/L	1		SW-846 8260D	5/1/23	5/2/23 3:34	MFF
Dibromomethane	ND	1.0	0.32	µg/L	1		SW-846 8260D	5/1/23	5/2/23 3:34	MFF
1,2-Dichlorobenzene	ND	1.0	0.13	µg/L	1		SW-846 8260D	5/1/23	5/2/23 3:34	MFF
1,3-Dichlorobenzene	ND	1.0	0.14	µg/L	1		SW-846 8260D	5/1/23	5/2/23 3:34	MFF
1,4-Dichlorobenzene	ND	1.0	0.13	µg/L	1		SW-846 8260D	5/1/23	5/2/23 3:34	MFF
trans-1,4-Dichloro-2-butene	ND	2.0	1.5	µg/L	1	V-05	SW-846 8260D	5/1/23	5/2/23 3:34	MFF
Dichlorodifluoromethane (Freon 12)	ND	2.0	0.16	µg/L	1		SW-846 8260D	5/1/23	5/2/23 3:34	MFF
1,1-Dichloroethane	ND	1.0	0.14	µg/L	1		SW-846 8260D	5/1/23	5/2/23 3:34	MFF
1,2-Dichloroethane	ND	1.0	0.30	µg/L	1		SW-846 8260D	5/1/23	5/2/23 3:34	MFF
1,1-Dichloroethylene	ND	1.0	0.14	µg/L	1		SW-846 8260D	5/1/23	5/2/23 3:34	MFF
cis-1,2-Dichloroethylene	ND	1.0	0.14	µg/L	1		SW-846 8260D	5/1/23	5/2/23 3:34	MFF
trans-1,2-Dichloroethylene	ND	1.0	0.17	µg/L	1		SW-846 8260D	5/1/23	5/2/23 3:34	MFF
1,2-Dichloropropane	ND	1.0	0.19	µg/L	1		SW-846 8260D	5/1/23	5/2/23 3:34	MFF
1,3-Dichloropropane	ND	0.50	0.12	µg/L	1		SW-846 8260D	5/1/23	5/2/23 3:34	MFF
2,2-Dichloropropane	ND	1.0	0.35	µg/L	1	V-05	SW-846 8260D	5/1/23	5/2/23 3:34	MFF
1,1-Dichloropropene	ND	2.0	0.15	µg/L	1		SW-846 8260D	5/1/23	5/2/23 3:34	MFF
cis-1,3-Dichloropropene	ND	0.50	0.16	µg/L	1		SW-846 8260D	5/1/23	5/2/23 3:34	MFF
trans-1,3-Dichloropropene	ND	0.50	0.14	µg/L	1		SW-846 8260D	5/1/23	5/2/23 3:34	MFF
Diethyl Ether	ND	2.0	0.14	µg/L	1		SW-846 8260D	5/1/23	5/2/23 3:34	MFF

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

Project Location: 63 West Merrick Rd., Lindenhurst

Sample Description:

Work Order: 23D3326

Date Received: 4/27/2023

Field Sample #: MW-108

Sampled: 4/26/2023 09:15

Sample ID: 23D3326-11

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	0.20	µg/L	1		SW-846 8260D	5/1/23	5/2/23 3:34	MFF
1,4-Dioxane	ND	50	18	µg/L	1		SW-846 8260D	5/1/23	5/2/23 3:34	MFF
Ethylbenzene	ND	1.0	0.22	µg/L	1		SW-846 8260D	5/1/23	5/2/23 3:34	MFF
Hexachlorobutadiene	ND	0.60	0.47	µg/L	1		SW-846 8260D	5/1/23	5/2/23 3:34	MFF
2-Hexanone (MBK)	ND	10	1.2	µg/L	1		SW-846 8260D	5/1/23	5/2/23 3:34	MFF
Isopropylbenzene (Cumene)	ND	1.0	0.15	µg/L	1		SW-846 8260D	5/1/23	5/2/23 3:34	MFF
p-Isopropyltoluene (p-Cymene)	ND	1.0	0.13	µg/L	1		SW-846 8260D	5/1/23	5/2/23 3:34	MFF
Methyl Acetate	ND	1.0	0.61	µg/L	1	V-05	SW-846 8260D	5/1/23	5/2/23 3:34	MFF
Methyl tert-Butyl Ether (MTBE)	ND	1.0	0.17	µg/L	1		SW-846 8260D	5/1/23	5/2/23 3:34	MFF
Methyl Cyclohexane	ND	1.0	0.16	µg/L	1		SW-846 8260D	5/1/23	5/2/23 3:34	MFF
Methylene Chloride	ND	5.0	0.18	µg/L	1		SW-846 8260D	5/1/23	5/2/23 3:34	MFF
4-Methyl-2-pentanone (MIBK)	ND	10	1.3	µg/L	1		SW-846 8260D	5/1/23	5/2/23 3:34	MFF
Naphthalene	ND	2.0	0.38	µg/L	1		SW-846 8260D	5/1/23	5/2/23 3:34	MFF
n-Propylbenzene	ND	1.0	0.12	µg/L	1		SW-846 8260D	5/1/23	5/2/23 3:34	MFF
Styrene	ND	1.0	0.15	µg/L	1		SW-846 8260D	5/1/23	5/2/23 3:34	MFF
1,1,1,2-Tetrachloroethane	ND	1.0	0.16	µg/L	1		SW-846 8260D	5/1/23	5/2/23 3:34	MFF
1,1,2,2-Tetrachloroethane	ND	0.50	0.14	µg/L	1		SW-846 8260D	5/1/23	5/2/23 3:34	MFF
Tetrachloroethylene	2.2	1.0	0.17	µg/L	1		SW-846 8260D	5/1/23	5/2/23 3:34	MFF
Tetrahydrofuran	ND	10	0.49	µg/L	1		SW-846 8260D	5/1/23	5/2/23 3:34	MFF
Toluene	ND	1.0	0.22	µg/L	1		SW-846 8260D	5/1/23	5/2/23 3:34	MFF
1,2,3-Trichlorobenzene	ND	5.0	0.34	µg/L	1		SW-846 8260D	5/1/23	5/2/23 3:34	MFF
1,2,4-Trichlorobenzene	ND	1.0	0.30	µg/L	1		SW-846 8260D	5/1/23	5/2/23 3:34	MFF
1,3,5-Trichlorobenzene	ND	1.0	0.21	µg/L	1		SW-846 8260D	5/1/23	5/2/23 3:34	MFF
1,1,1-Trichloroethane	ND	1.0	0.15	µg/L	1		SW-846 8260D	5/1/23	5/2/23 3:34	MFF
1,1,2-Trichloroethane	ND	1.0	0.19	µg/L	1		SW-846 8260D	5/1/23	5/2/23 3:34	MFF
Trichloroethylene	ND	1.0	0.17	µg/L	1		SW-846 8260D	5/1/23	5/2/23 3:34	MFF
Trichlorofluoromethane (Freon 11)	ND	2.0	0.15	µg/L	1		SW-846 8260D	5/1/23	5/2/23 3:34	MFF
1,2,3-Trichloropropane	ND	2.0	0.28	µg/L	1		SW-846 8260D	5/1/23	5/2/23 3:34	MFF
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	1.0	0.21	µg/L	1		SW-846 8260D	5/1/23	5/2/23 3:34	MFF
1,2,4-Trimethylbenzene	ND	1.0	0.20	µg/L	1		SW-846 8260D	5/1/23	5/2/23 3:34	MFF
1,3,5-Trimethylbenzene	ND	1.0	0.15	µg/L	1		SW-846 8260D	5/1/23	5/2/23 3:34	MFF
Vinyl Chloride	ND	2.0	0.24	µg/L	1		SW-846 8260D	5/1/23	5/2/23 3:34	MFF
m+p Xylene	ND	2.0	0.49	µg/L	1		SW-846 8260D	5/1/23	5/2/23 3:34	MFF
o-Xylene	ND	1.0	0.24	µg/L	1		SW-846 8260D	5/1/23	5/2/23 3:34	MFF
Surrogates	% Recovery		Recovery Limits		Flag/Qual					
1,2-Dichloroethane-d4	91.9		70-130				5/2/23 3:34			
Toluene-d8	105		70-130				5/2/23 3:34			
4-Bromofluorobenzene	92.1		70-130				5/2/23 3:34			

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

Project Location: 63 West Merrick Rd., Lindenhurst

Sample Description:

Work Order: 23D3326

Date Received: 4/27/2023

Field Sample #: MW-108

Sampled: 4/26/2023 09:15

Sample ID: 23D3326-11

Sample Matrix: Ground Water

Volatile Organic Compounds by GC/MS (SIM)

Analyte	Results	RL	DL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
1,4-Dioxane	ND	2.0	1.7	µg/L	1		SW-846 8260D	5/4/23	5/7/23 15:29	EEH
Surrogates	% Recovery		Recovery Limits		Flag/Qual					
1,4-Dioxane-d8	60.3		40-160				5/7/23 15:29			

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

Project Location: 63 West Merrick Rd., Lindenhurst

Sample Description:

Work Order: 23D3326

Date Received: 4/27/2023

Field Sample #: MW-109

Sampled: 4/25/2023 12:48

Sample ID: 23D3326-12

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	3.3	50	2.0	µg/L	1	J	SW-846 8260D	5/1/23	5/2/23 4:01	MFF
Acrylonitrile	ND	5.0	0.47	µg/L	1		SW-846 8260D	5/1/23	5/2/23 4:01	MFF
tert-Amyl Methyl Ether (TAME)	ND	0.50	0.13	µg/L	1		SW-846 8260D	5/1/23	5/2/23 4:01	MFF
Benzene	ND	1.0	0.18	µg/L	1		SW-846 8260D	5/1/23	5/2/23 4:01	MFF
Bromobenzene	ND	1.0	0.15	µg/L	1		SW-846 8260D	5/1/23	5/2/23 4:01	MFF
Bromochloromethane	ND	1.0	0.28	µg/L	1		SW-846 8260D	5/1/23	5/2/23 4:01	MFF
Bromodichloromethane	ND	0.50	0.16	µg/L	1		SW-846 8260D	5/1/23	5/2/23 4:01	MFF
Bromoform	ND	1.0	0.41	µg/L	1	V-05	SW-846 8260D	5/1/23	5/2/23 4:01	MFF
Bromomethane	ND	2.0	1.3	µg/L	1		SW-846 8260D	5/1/23	5/2/23 4:01	MFF
2-Butanone (MEK)	ND	20	1.7	µg/L	1		SW-846 8260D	5/1/23	5/2/23 4:01	MFF
tert-Butyl Alcohol (TBA)	ND	20	4.3	µg/L	1	V-05	SW-846 8260D	5/1/23	5/2/23 4:01	MFF
n-Butylbenzene	ND	1.0	0.15	µg/L	1		SW-846 8260D	5/1/23	5/2/23 4:01	MFF
sec-Butylbenzene	ND	1.0	0.13	µg/L	1		SW-846 8260D	5/1/23	5/2/23 4:01	MFF
tert-Butylbenzene	ND	1.0	0.14	µg/L	1		SW-846 8260D	5/1/23	5/2/23 4:01	MFF
tert-Butyl Ethyl Ether (TBEE)	ND	0.50	0.15	µg/L	1		SW-846 8260D	5/1/23	5/2/23 4:01	MFF
Carbon Disulfide	ND	5.0	1.6	µg/L	1		SW-846 8260D	5/1/23	5/2/23 4:01	MFF
Carbon Tetrachloride	ND	5.0	0.16	µg/L	1		SW-846 8260D	5/1/23	5/2/23 4:01	MFF
Chlorobenzene	ND	1.0	0.12	µg/L	1		SW-846 8260D	5/1/23	5/2/23 4:01	MFF
Chlorodibromomethane	ND	0.50	0.20	µg/L	1		SW-846 8260D	5/1/23	5/2/23 4:01	MFF
Chloroethane	ND	2.0	0.34	µg/L	1		SW-846 8260D	5/1/23	5/2/23 4:01	MFF
Chloroform	ND	2.0	0.14	µg/L	1		SW-846 8260D	5/1/23	5/2/23 4:01	MFF
Chloromethane	ND	2.0	0.50	µg/L	1		SW-846 8260D	5/1/23	5/2/23 4:01	MFF
2-Chlorotoluene	ND	1.0	0.15	µg/L	1		SW-846 8260D	5/1/23	5/2/23 4:01	MFF
4-Chlorotoluene	ND	1.0	0.15	µg/L	1		SW-846 8260D	5/1/23	5/2/23 4:01	MFF
1,2-Dibromo-3-chloropropane (DBCP)	ND	5.0	0.85	µg/L	1	V-05	SW-846 8260D	5/1/23	5/2/23 4:01	MFF
1,2-Dibromoethane (EDB)	ND	0.50	0.16	µg/L	1		SW-846 8260D	5/1/23	5/2/23 4:01	MFF
Dibromomethane	ND	1.0	0.32	µg/L	1		SW-846 8260D	5/1/23	5/2/23 4:01	MFF
1,2-Dichlorobenzene	ND	1.0	0.13	µg/L	1		SW-846 8260D	5/1/23	5/2/23 4:01	MFF
1,3-Dichlorobenzene	ND	1.0	0.14	µg/L	1		SW-846 8260D	5/1/23	5/2/23 4:01	MFF
1,4-Dichlorobenzene	ND	1.0	0.13	µg/L	1		SW-846 8260D	5/1/23	5/2/23 4:01	MFF
trans-1,4-Dichloro-2-butene	ND	2.0	1.5	µg/L	1	V-05	SW-846 8260D	5/1/23	5/2/23 4:01	MFF
Dichlorodifluoromethane (Freon 12)	ND	2.0	0.16	µg/L	1		SW-846 8260D	5/1/23	5/2/23 4:01	MFF
1,1-Dichloroethane	0.19	1.0	0.14	µg/L	1	J	SW-846 8260D	5/1/23	5/2/23 4:01	MFF
1,2-Dichloroethane	ND	1.0	0.30	µg/L	1		SW-846 8260D	5/1/23	5/2/23 4:01	MFF
1,1-Dichloroethylene	ND	1.0	0.14	µg/L	1		SW-846 8260D	5/1/23	5/2/23 4:01	MFF
cis-1,2-Dichloroethylene	0.49	1.0	0.14	µg/L	1	J	SW-846 8260D	5/1/23	5/2/23 4:01	MFF
trans-1,2-Dichloroethylene	ND	1.0	0.17	µg/L	1		SW-846 8260D	5/1/23	5/2/23 4:01	MFF
1,2-Dichloropropane	ND	1.0	0.19	µg/L	1		SW-846 8260D	5/1/23	5/2/23 4:01	MFF
1,3-Dichloropropane	ND	0.50	0.12	µg/L	1		SW-846 8260D	5/1/23	5/2/23 4:01	MFF
2,2-Dichloropropane	ND	1.0	0.35	µg/L	1	V-05	SW-846 8260D	5/1/23	5/2/23 4:01	MFF
1,1-Dichloropropene	ND	2.0	0.15	µg/L	1		SW-846 8260D	5/1/23	5/2/23 4:01	MFF
cis-1,3-Dichloropropene	ND	0.50	0.16	µg/L	1		SW-846 8260D	5/1/23	5/2/23 4:01	MFF
trans-1,3-Dichloropropene	ND	0.50	0.14	µg/L	1		SW-846 8260D	5/1/23	5/2/23 4:01	MFF
Diethyl Ether	ND	2.0	0.14	µg/L	1		SW-846 8260D	5/1/23	5/2/23 4:01	MFF

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

Project Location: 63 West Merrick Rd., Lindenhurst

Sample Description:

Work Order: 23D3326

Date Received: 4/27/2023

Field Sample #: MW-109

Sampled: 4/25/2023 12:48

Sample ID: 23D3326-12

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	0.20	µg/L	1		SW-846 8260D	5/1/23	5/2/23 4:01	MFF
1,4-Dioxane	ND	50	18	µg/L	1		SW-846 8260D	5/1/23	5/2/23 4:01	MFF
Ethylbenzene	ND	1.0	0.22	µg/L	1		SW-846 8260D	5/1/23	5/2/23 4:01	MFF
Hexachlorobutadiene	ND	0.60	0.47	µg/L	1		SW-846 8260D	5/1/23	5/2/23 4:01	MFF
2-Hexanone (MBK)	ND	10	1.2	µg/L	1		SW-846 8260D	5/1/23	5/2/23 4:01	MFF
Isopropylbenzene (Cumene)	ND	1.0	0.15	µg/L	1		SW-846 8260D	5/1/23	5/2/23 4:01	MFF
p-Isopropyltoluene (p-Cymene)	ND	1.0	0.13	µg/L	1		SW-846 8260D	5/1/23	5/2/23 4:01	MFF
Methyl Acetate	ND	1.0	0.61	µg/L	1	V-05	SW-846 8260D	5/1/23	5/2/23 4:01	MFF
Methyl tert-Butyl Ether (MTBE)	0.33	1.0	0.17	µg/L	1	J	SW-846 8260D	5/1/23	5/2/23 4:01	MFF
Methyl Cyclohexane	ND	1.0	0.16	µg/L	1		SW-846 8260D	5/1/23	5/2/23 4:01	MFF
Methylene Chloride	ND	5.0	0.18	µg/L	1		SW-846 8260D	5/1/23	5/2/23 4:01	MFF
4-Methyl-2-pentanone (MIBK)	ND	10	1.3	µg/L	1		SW-846 8260D	5/1/23	5/2/23 4:01	MFF
Naphthalene	ND	2.0	0.38	µg/L	1		SW-846 8260D	5/1/23	5/2/23 4:01	MFF
n-Propylbenzene	ND	1.0	0.12	µg/L	1		SW-846 8260D	5/1/23	5/2/23 4:01	MFF
Styrene	ND	1.0	0.15	µg/L	1		SW-846 8260D	5/1/23	5/2/23 4:01	MFF
1,1,1,2-Tetrachloroethane	ND	1.0	0.16	µg/L	1		SW-846 8260D	5/1/23	5/2/23 4:01	MFF
1,1,2,2-Tetrachloroethane	ND	0.50	0.14	µg/L	1		SW-846 8260D	5/1/23	5/2/23 4:01	MFF
Tetrachloroethylene	ND	1.0	0.17	µg/L	1		SW-846 8260D	5/1/23	5/2/23 4:01	MFF
Tetrahydrofuran	ND	10	0.49	µg/L	1		SW-846 8260D	5/1/23	5/2/23 4:01	MFF
Toluene	ND	1.0	0.22	µg/L	1		SW-846 8260D	5/1/23	5/2/23 4:01	MFF
1,2,3-Trichlorobenzene	ND	5.0	0.34	µg/L	1		SW-846 8260D	5/1/23	5/2/23 4:01	MFF
1,2,4-Trichlorobenzene	ND	1.0	0.30	µg/L	1		SW-846 8260D	5/1/23	5/2/23 4:01	MFF
1,3,5-Trichlorobenzene	ND	1.0	0.21	µg/L	1		SW-846 8260D	5/1/23	5/2/23 4:01	MFF
1,1,1-Trichloroethane	ND	1.0	0.15	µg/L	1		SW-846 8260D	5/1/23	5/2/23 4:01	MFF
1,1,2-Trichloroethane	ND	1.0	0.19	µg/L	1		SW-846 8260D	5/1/23	5/2/23 4:01	MFF
Trichloroethylene	0.42	1.0	0.17	µg/L	1	J	SW-846 8260D	5/1/23	5/2/23 4:01	MFF
Trichlorofluoromethane (Freon 11)	ND	2.0	0.15	µg/L	1		SW-846 8260D	5/1/23	5/2/23 4:01	MFF
1,2,3-Trichloropropane	ND	2.0	0.28	µg/L	1		SW-846 8260D	5/1/23	5/2/23 4:01	MFF
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	1.0	0.21	µg/L	1		SW-846 8260D	5/1/23	5/2/23 4:01	MFF
1,2,4-Trimethylbenzene	ND	1.0	0.20	µg/L	1		SW-846 8260D	5/1/23	5/2/23 4:01	MFF
1,3,5-Trimethylbenzene	ND	1.0	0.15	µg/L	1		SW-846 8260D	5/1/23	5/2/23 4:01	MFF
Vinyl Chloride	ND	2.0	0.24	µg/L	1		SW-846 8260D	5/1/23	5/2/23 4:01	MFF
m+p Xylene	ND	2.0	0.49	µg/L	1		SW-846 8260D	5/1/23	5/2/23 4:01	MFF
o-Xylene	ND	1.0	0.24	µg/L	1		SW-846 8260D	5/1/23	5/2/23 4:01	MFF
Surrogates	% Recovery		Recovery Limits		Flag/Qual					
1,2-Dichloroethane-d4	96.3		70-130				5/2/23 4:01			
Toluene-d8	104		70-130				5/2/23 4:01			
4-Bromofluorobenzene	92.7		70-130				5/2/23 4:01			

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

Project Location: 63 West Merrick Rd., Lindenhurst

Sample Description:

Work Order: 23D3326

Date Received: 4/27/2023

Field Sample #: MW-109

Sampled: 4/25/2023 12:48

Sample ID: 23D3326-12

Sample Matrix: Ground Water

Volatile Organic Compounds by GC/MS (SIM)

Analyte	Results	RL	DL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
1,4-Dioxane	ND	2.0	1.7	µg/L	1		SW-846 8260D	5/4/23	5/7/23 15:56	EEH
Surrogates	% Recovery		Recovery Limits		Flag/Qual					
1,4-Dioxane-d8	108		40-160				5/7/23 15:56			

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

Project Location: 63 West Merrick Rd., Lindenhurst

Sample Description:

Work Order: 23D3326

Date Received: 4/27/2023

Field Sample #: MW-111

Sampled: 4/25/2023 15:06

Sample ID: 23D3326-13

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	2.9	50	2.0	µg/L	1	J	SW-846 8260D	5/1/23	5/2/23 4:28	MFF
Acrylonitrile	ND	5.0	0.47	µg/L	1		SW-846 8260D	5/1/23	5/2/23 4:28	MFF
tert-Amyl Methyl Ether (TAME)	ND	0.50	0.13	µg/L	1		SW-846 8260D	5/1/23	5/2/23 4:28	MFF
Benzene	ND	1.0	0.18	µg/L	1		SW-846 8260D	5/1/23	5/2/23 4:28	MFF
Bromobenzene	ND	1.0	0.15	µg/L	1		SW-846 8260D	5/1/23	5/2/23 4:28	MFF
Bromochloromethane	ND	1.0	0.28	µg/L	1		SW-846 8260D	5/1/23	5/2/23 4:28	MFF
Bromodichloromethane	ND	0.50	0.16	µg/L	1		SW-846 8260D	5/1/23	5/2/23 4:28	MFF
Bromoform	ND	1.0	0.41	µg/L	1	V-05	SW-846 8260D	5/1/23	5/2/23 4:28	MFF
Bromomethane	ND	2.0	1.3	µg/L	1		SW-846 8260D	5/1/23	5/2/23 4:28	MFF
2-Butanone (MEK)	ND	20	1.7	µg/L	1		SW-846 8260D	5/1/23	5/2/23 4:28	MFF
tert-Butyl Alcohol (TBA)	ND	20	4.3	µg/L	1	V-05	SW-846 8260D	5/1/23	5/2/23 4:28	MFF
n-Butylbenzene	ND	1.0	0.15	µg/L	1		SW-846 8260D	5/1/23	5/2/23 4:28	MFF
sec-Butylbenzene	ND	1.0	0.13	µg/L	1		SW-846 8260D	5/1/23	5/2/23 4:28	MFF
tert-Butylbenzene	ND	1.0	0.14	µg/L	1		SW-846 8260D	5/1/23	5/2/23 4:28	MFF
tert-Butyl Ethyl Ether (TBEE)	ND	0.50	0.15	µg/L	1		SW-846 8260D	5/1/23	5/2/23 4:28	MFF
Carbon Disulfide	ND	5.0	1.6	µg/L	1		SW-846 8260D	5/1/23	5/2/23 4:28	MFF
Carbon Tetrachloride	ND	5.0	0.16	µg/L	1		SW-846 8260D	5/1/23	5/2/23 4:28	MFF
Chlorobenzene	ND	1.0	0.12	µg/L	1		SW-846 8260D	5/1/23	5/2/23 4:28	MFF
Chlorodibromomethane	ND	0.50	0.20	µg/L	1		SW-846 8260D	5/1/23	5/2/23 4:28	MFF
Chloroethane	ND	2.0	0.34	µg/L	1		SW-846 8260D	5/1/23	5/2/23 4:28	MFF
Chloroform	ND	2.0	0.14	µg/L	1		SW-846 8260D	5/1/23	5/2/23 4:28	MFF
Chloromethane	ND	2.0	0.50	µg/L	1		SW-846 8260D	5/1/23	5/2/23 4:28	MFF
2-Chlorotoluene	ND	1.0	0.15	µg/L	1		SW-846 8260D	5/1/23	5/2/23 4:28	MFF
4-Chlorotoluene	ND	1.0	0.15	µg/L	1		SW-846 8260D	5/1/23	5/2/23 4:28	MFF
1,2-Dibromo-3-chloropropane (DBCP)	ND	5.0	0.85	µg/L	1	V-05	SW-846 8260D	5/1/23	5/2/23 4:28	MFF
1,2-Dibromoethane (EDB)	ND	0.50	0.16	µg/L	1		SW-846 8260D	5/1/23	5/2/23 4:28	MFF
Dibromomethane	ND	1.0	0.32	µg/L	1		SW-846 8260D	5/1/23	5/2/23 4:28	MFF
1,2-Dichlorobenzene	ND	1.0	0.13	µg/L	1		SW-846 8260D	5/1/23	5/2/23 4:28	MFF
1,3-Dichlorobenzene	ND	1.0	0.14	µg/L	1		SW-846 8260D	5/1/23	5/2/23 4:28	MFF
1,4-Dichlorobenzene	ND	1.0	0.13	µg/L	1		SW-846 8260D	5/1/23	5/2/23 4:28	MFF
trans-1,4-Dichloro-2-butene	ND	2.0	1.5	µg/L	1	V-05	SW-846 8260D	5/1/23	5/2/23 4:28	MFF
Dichlorodifluoromethane (Freon 12)	ND	2.0	0.16	µg/L	1		SW-846 8260D	5/1/23	5/2/23 4:28	MFF
1,1-Dichloroethane	ND	1.0	0.14	µg/L	1		SW-846 8260D	5/1/23	5/2/23 4:28	MFF
1,2-Dichloroethane	ND	1.0	0.30	µg/L	1		SW-846 8260D	5/1/23	5/2/23 4:28	MFF
1,1-Dichloroethylene	ND	1.0	0.14	µg/L	1		SW-846 8260D	5/1/23	5/2/23 4:28	MFF
cis-1,2-Dichloroethylene	ND	1.0	0.14	µg/L	1		SW-846 8260D	5/1/23	5/2/23 4:28	MFF
trans-1,2-Dichloroethylene	ND	1.0	0.17	µg/L	1		SW-846 8260D	5/1/23	5/2/23 4:28	MFF
1,2-Dichloropropane	ND	1.0	0.19	µg/L	1		SW-846 8260D	5/1/23	5/2/23 4:28	MFF
1,3-Dichloropropane	ND	0.50	0.12	µg/L	1		SW-846 8260D	5/1/23	5/2/23 4:28	MFF
2,2-Dichloropropane	ND	1.0	0.35	µg/L	1	V-05	SW-846 8260D	5/1/23	5/2/23 4:28	MFF
1,1-Dichloropropene	ND	2.0	0.15	µg/L	1		SW-846 8260D	5/1/23	5/2/23 4:28	MFF
cis-1,3-Dichloropropene	ND	0.50	0.16	µg/L	1		SW-846 8260D	5/1/23	5/2/23 4:28	MFF
trans-1,3-Dichloropropene	ND	0.50	0.14	µg/L	1		SW-846 8260D	5/1/23	5/2/23 4:28	MFF
Diethyl Ether	ND	2.0	0.14	µg/L	1		SW-846 8260D	5/1/23	5/2/23 4:28	MFF

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

Project Location: 63 West Merrick Rd., Lindenhurst

Sample Description:

Work Order: 23D3326

Date Received: 4/27/2023

Field Sample #: MW-111

Sampled: 4/25/2023 15:06

Sample ID: 23D3326-13

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	0.20	µg/L	1		SW-846 8260D	5/1/23	5/2/23 4:28	MFF
1,4-Dioxane	ND	50	18	µg/L	1		SW-846 8260D	5/1/23	5/2/23 4:28	MFF
Ethylbenzene	ND	1.0	0.22	µg/L	1		SW-846 8260D	5/1/23	5/2/23 4:28	MFF
Hexachlorobutadiene	ND	0.60	0.47	µg/L	1		SW-846 8260D	5/1/23	5/2/23 4:28	MFF
2-Hexanone (MBK)	ND	10	1.2	µg/L	1		SW-846 8260D	5/1/23	5/2/23 4:28	MFF
Isopropylbenzene (Cumene)	ND	1.0	0.15	µg/L	1		SW-846 8260D	5/1/23	5/2/23 4:28	MFF
p-Isopropyltoluene (p-Cymene)	ND	1.0	0.13	µg/L	1		SW-846 8260D	5/1/23	5/2/23 4:28	MFF
Methyl Acetate	ND	1.0	0.61	µg/L	1	V-05	SW-846 8260D	5/1/23	5/2/23 4:28	MFF
Methyl tert-Butyl Ether (MTBE)	ND	1.0	0.17	µg/L	1		SW-846 8260D	5/1/23	5/2/23 4:28	MFF
Methyl Cyclohexane	ND	1.0	0.16	µg/L	1		SW-846 8260D	5/1/23	5/2/23 4:28	MFF
Methylene Chloride	ND	5.0	0.18	µg/L	1		SW-846 8260D	5/1/23	5/2/23 4:28	MFF
4-Methyl-2-pentanone (MIBK)	ND	10	1.3	µg/L	1		SW-846 8260D	5/1/23	5/2/23 4:28	MFF
Naphthalene	ND	2.0	0.38	µg/L	1		SW-846 8260D	5/1/23	5/2/23 4:28	MFF
n-Propylbenzene	ND	1.0	0.12	µg/L	1		SW-846 8260D	5/1/23	5/2/23 4:28	MFF
Styrene	ND	1.0	0.15	µg/L	1		SW-846 8260D	5/1/23	5/2/23 4:28	MFF
1,1,1,2-Tetrachloroethane	ND	1.0	0.16	µg/L	1		SW-846 8260D	5/1/23	5/2/23 4:28	MFF
1,1,2,2-Tetrachloroethane	ND	0.50	0.14	µg/L	1		SW-846 8260D	5/1/23	5/2/23 4:28	MFF
Tetrachloroethylene	ND	1.0	0.17	µg/L	1		SW-846 8260D	5/1/23	5/2/23 4:28	MFF
Tetrahydrofuran	ND	10	0.49	µg/L	1		SW-846 8260D	5/1/23	5/2/23 4:28	MFF
Toluene	ND	1.0	0.22	µg/L	1		SW-846 8260D	5/1/23	5/2/23 4:28	MFF
1,2,3-Trichlorobenzene	ND	5.0	0.34	µg/L	1		SW-846 8260D	5/1/23	5/2/23 4:28	MFF
1,2,4-Trichlorobenzene	ND	1.0	0.30	µg/L	1		SW-846 8260D	5/1/23	5/2/23 4:28	MFF
1,3,5-Trichlorobenzene	ND	1.0	0.21	µg/L	1		SW-846 8260D	5/1/23	5/2/23 4:28	MFF
1,1,1-Trichloroethane	ND	1.0	0.15	µg/L	1		SW-846 8260D	5/1/23	5/2/23 4:28	MFF
1,1,2-Trichloroethane	ND	1.0	0.19	µg/L	1		SW-846 8260D	5/1/23	5/2/23 4:28	MFF
Trichloroethylene	ND	1.0	0.17	µg/L	1		SW-846 8260D	5/1/23	5/2/23 4:28	MFF
Trichlorofluoromethane (Freon 11)	ND	2.0	0.15	µg/L	1		SW-846 8260D	5/1/23	5/2/23 4:28	MFF
1,2,3-Trichloropropane	ND	2.0	0.28	µg/L	1		SW-846 8260D	5/1/23	5/2/23 4:28	MFF
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	1.0	0.21	µg/L	1		SW-846 8260D	5/1/23	5/2/23 4:28	MFF
1,2,4-Trimethylbenzene	ND	1.0	0.20	µg/L	1		SW-846 8260D	5/1/23	5/2/23 4:28	MFF
1,3,5-Trimethylbenzene	ND	1.0	0.15	µg/L	1		SW-846 8260D	5/1/23	5/2/23 4:28	MFF
Vinyl Chloride	ND	2.0	0.24	µg/L	1		SW-846 8260D	5/1/23	5/2/23 4:28	MFF
m+p Xylene	ND	2.0	0.49	µg/L	1		SW-846 8260D	5/1/23	5/2/23 4:28	MFF
o-Xylene	ND	1.0	0.24	µg/L	1		SW-846 8260D	5/1/23	5/2/23 4:28	MFF
Surrogates	% Recovery		Recovery Limits		Flag/Qual					
1,2-Dichloroethane-d4	95.8		70-130				5/2/23 4:28			
Toluene-d8	97.3		70-130				5/2/23 4:28			
4-Bromofluorobenzene	95.5		70-130				5/2/23 4:28			

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

Project Location: 63 West Merrick Rd., Lindenhurst Sample Description: Work Order: 23D3326
Date Received: 4/27/2023
Field Sample #: MW-111 Sampled: 4/25/2023 15:06
Sample ID: 23D3326-13
Sample Matrix: Ground Water

Volatile Organic Compounds by GC/MS (SIM)

Analyte	Results	RL	DL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
1,4-Dioxane	ND	2.0	1.7	µg/L	1		SW-846 8260D	5/4/23	5/7/23 16:23	EEH
Surrogates	% Recovery		Recovery Limits		Flag/Qual					
1,4-Dioxane-d8	70.3		40-160				5/7/23 16:23			

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

Project Location: 63 West Merrick Rd., Lindenhurst

Sample Description:

Work Order: 23D3326

Date Received: 4/27/2023

Field Sample #: RW-1

Sampled: 4/26/2023 10:12

Sample ID: 23D3326-14

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	3.1	50	2.0	µg/L	1	J	SW-846 8260D	5/1/23	5/2/23 4:54	MFF
Acrylonitrile	ND	5.0	0.47	µg/L	1		SW-846 8260D	5/1/23	5/2/23 4:54	MFF
tert-Amyl Methyl Ether (TAME)	ND	0.50	0.13	µg/L	1		SW-846 8260D	5/1/23	5/2/23 4:54	MFF
Benzene	ND	1.0	0.18	µg/L	1		SW-846 8260D	5/1/23	5/2/23 4:54	MFF
Bromobenzene	ND	1.0	0.15	µg/L	1		SW-846 8260D	5/1/23	5/2/23 4:54	MFF
Bromochloromethane	ND	1.0	0.28	µg/L	1		SW-846 8260D	5/1/23	5/2/23 4:54	MFF
Bromodichloromethane	ND	0.50	0.16	µg/L	1		SW-846 8260D	5/1/23	5/2/23 4:54	MFF
Bromoform	ND	1.0	0.41	µg/L	1	V-05	SW-846 8260D	5/1/23	5/2/23 4:54	MFF
Bromomethane	ND	2.0	1.3	µg/L	1		SW-846 8260D	5/1/23	5/2/23 4:54	MFF
2-Butanone (MEK)	ND	20	1.7	µg/L	1		SW-846 8260D	5/1/23	5/2/23 4:54	MFF
tert-Butyl Alcohol (TBA)	ND	20	4.3	µg/L	1	V-05	SW-846 8260D	5/1/23	5/2/23 4:54	MFF
n-Butylbenzene	ND	1.0	0.15	µg/L	1		SW-846 8260D	5/1/23	5/2/23 4:54	MFF
sec-Butylbenzene	ND	1.0	0.13	µg/L	1		SW-846 8260D	5/1/23	5/2/23 4:54	MFF
tert-Butylbenzene	ND	1.0	0.14	µg/L	1		SW-846 8260D	5/1/23	5/2/23 4:54	MFF
tert-Butyl Ethyl Ether (TBEE)	ND	0.50	0.15	µg/L	1		SW-846 8260D	5/1/23	5/2/23 4:54	MFF
Carbon Disulfide	ND	5.0	1.6	µg/L	1		SW-846 8260D	5/1/23	5/2/23 4:54	MFF
Carbon Tetrachloride	ND	5.0	0.16	µg/L	1		SW-846 8260D	5/1/23	5/2/23 4:54	MFF
Chlorobenzene	ND	1.0	0.12	µg/L	1		SW-846 8260D	5/1/23	5/2/23 4:54	MFF
Chlorodibromomethane	ND	0.50	0.20	µg/L	1		SW-846 8260D	5/1/23	5/2/23 4:54	MFF
Chloroethane	ND	2.0	0.34	µg/L	1		SW-846 8260D	5/1/23	5/2/23 4:54	MFF
Chloroform	ND	2.0	0.14	µg/L	1		SW-846 8260D	5/1/23	5/2/23 4:54	MFF
Chloromethane	ND	2.0	0.50	µg/L	1		SW-846 8260D	5/1/23	5/2/23 4:54	MFF
2-Chlorotoluene	ND	1.0	0.15	µg/L	1		SW-846 8260D	5/1/23	5/2/23 4:54	MFF
4-Chlorotoluene	ND	1.0	0.15	µg/L	1		SW-846 8260D	5/1/23	5/2/23 4:54	MFF
1,2-Dibromo-3-chloropropane (DBCP)	ND	5.0	0.85	µg/L	1	V-05	SW-846 8260D	5/1/23	5/2/23 4:54	MFF
1,2-Dibromoethane (EDB)	ND	0.50	0.16	µg/L	1		SW-846 8260D	5/1/23	5/2/23 4:54	MFF
Dibromomethane	ND	1.0	0.32	µg/L	1		SW-846 8260D	5/1/23	5/2/23 4:54	MFF
1,2-Dichlorobenzene	ND	1.0	0.13	µg/L	1		SW-846 8260D	5/1/23	5/2/23 4:54	MFF
1,3-Dichlorobenzene	ND	1.0	0.14	µg/L	1		SW-846 8260D	5/1/23	5/2/23 4:54	MFF
1,4-Dichlorobenzene	ND	1.0	0.13	µg/L	1		SW-846 8260D	5/1/23	5/2/23 4:54	MFF
trans-1,4-Dichloro-2-butene	ND	2.0	1.5	µg/L	1	V-05	SW-846 8260D	5/1/23	5/2/23 4:54	MFF
Dichlorodifluoromethane (Freon 12)	ND	2.0	0.16	µg/L	1		SW-846 8260D	5/1/23	5/2/23 4:54	MFF
1,1-Dichloroethane	ND	1.0	0.14	µg/L	1		SW-846 8260D	5/1/23	5/2/23 4:54	MFF
1,2-Dichloroethane	ND	1.0	0.30	µg/L	1		SW-846 8260D	5/1/23	5/2/23 4:54	MFF
1,1-Dichloroethylene	ND	1.0	0.14	µg/L	1		SW-846 8260D	5/1/23	5/2/23 4:54	MFF
cis-1,2-Dichloroethylene	ND	1.0	0.14	µg/L	1		SW-846 8260D	5/1/23	5/2/23 4:54	MFF
trans-1,2-Dichloroethylene	ND	1.0	0.17	µg/L	1		SW-846 8260D	5/1/23	5/2/23 4:54	MFF
1,2-Dichloropropane	ND	1.0	0.19	µg/L	1		SW-846 8260D	5/1/23	5/2/23 4:54	MFF
1,3-Dichloropropane	ND	0.50	0.12	µg/L	1		SW-846 8260D	5/1/23	5/2/23 4:54	MFF
2,2-Dichloropropane	ND	1.0	0.35	µg/L	1	V-05	SW-846 8260D	5/1/23	5/2/23 4:54	MFF
1,1-Dichloropropene	ND	2.0	0.15	µg/L	1		SW-846 8260D	5/1/23	5/2/23 4:54	MFF
cis-1,3-Dichloropropene	ND	0.50	0.16	µg/L	1		SW-846 8260D	5/1/23	5/2/23 4:54	MFF
trans-1,3-Dichloropropene	ND	0.50	0.14	µg/L	1		SW-846 8260D	5/1/23	5/2/23 4:54	MFF
Diethyl Ether	ND	2.0	0.14	µg/L	1		SW-846 8260D	5/1/23	5/2/23 4:54	MFF

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

Project Location: 63 West Merrick Rd., Lindenhurst

Sample Description:

Work Order: 23D3326

Date Received: 4/27/2023

Field Sample #: RW-1

Sampled: 4/26/2023 10:12

Sample ID: 23D3326-14

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	0.20	µg/L	1		SW-846 8260D	5/1/23	5/2/23 4:54	MFF
1,4-Dioxane	ND	50	18	µg/L	1		SW-846 8260D	5/1/23	5/2/23 4:54	MFF
Ethylbenzene	ND	1.0	0.22	µg/L	1		SW-846 8260D	5/1/23	5/2/23 4:54	MFF
Hexachlorobutadiene	ND	0.60	0.47	µg/L	1		SW-846 8260D	5/1/23	5/2/23 4:54	MFF
2-Hexanone (MBK)	ND	10	1.2	µg/L	1		SW-846 8260D	5/1/23	5/2/23 4:54	MFF
Isopropylbenzene (Cumene)	ND	1.0	0.15	µg/L	1		SW-846 8260D	5/1/23	5/2/23 4:54	MFF
p-Isopropyltoluene (p-Cymene)	ND	1.0	0.13	µg/L	1		SW-846 8260D	5/1/23	5/2/23 4:54	MFF
Methyl Acetate	ND	1.0	0.61	µg/L	1	V-05	SW-846 8260D	5/1/23	5/2/23 4:54	MFF
Methyl tert-Butyl Ether (MTBE)	ND	1.0	0.17	µg/L	1		SW-846 8260D	5/1/23	5/2/23 4:54	MFF
Methyl Cyclohexane	ND	1.0	0.16	µg/L	1		SW-846 8260D	5/1/23	5/2/23 4:54	MFF
Methylene Chloride	ND	5.0	0.18	µg/L	1		SW-846 8260D	5/1/23	5/2/23 4:54	MFF
4-Methyl-2-pentanone (MIBK)	ND	10	1.3	µg/L	1		SW-846 8260D	5/1/23	5/2/23 4:54	MFF
Naphthalene	ND	2.0	0.38	µg/L	1		SW-846 8260D	5/1/23	5/2/23 4:54	MFF
n-Propylbenzene	ND	1.0	0.12	µg/L	1		SW-846 8260D	5/1/23	5/2/23 4:54	MFF
Styrene	ND	1.0	0.15	µg/L	1		SW-846 8260D	5/1/23	5/2/23 4:54	MFF
1,1,1,2-Tetrachloroethane	ND	1.0	0.16	µg/L	1		SW-846 8260D	5/1/23	5/2/23 4:54	MFF
1,1,2,2-Tetrachloroethane	ND	0.50	0.14	µg/L	1		SW-846 8260D	5/1/23	5/2/23 4:54	MFF
Tetrachloroethylene	ND	1.0	0.17	µg/L	1		SW-846 8260D	5/1/23	5/2/23 4:54	MFF
Tetrahydrofuran	ND	10	0.49	µg/L	1		SW-846 8260D	5/1/23	5/2/23 4:54	MFF
Toluene	ND	1.0	0.22	µg/L	1		SW-846 8260D	5/1/23	5/2/23 4:54	MFF
1,2,3-Trichlorobenzene	ND	5.0	0.34	µg/L	1		SW-846 8260D	5/1/23	5/2/23 4:54	MFF
1,2,4-Trichlorobenzene	ND	1.0	0.30	µg/L	1		SW-846 8260D	5/1/23	5/2/23 4:54	MFF
1,3,5-Trichlorobenzene	ND	1.0	0.21	µg/L	1		SW-846 8260D	5/1/23	5/2/23 4:54	MFF
1,1,1-Trichloroethane	ND	1.0	0.15	µg/L	1		SW-846 8260D	5/1/23	5/2/23 4:54	MFF
1,1,2-Trichloroethane	ND	1.0	0.19	µg/L	1		SW-846 8260D	5/1/23	5/2/23 4:54	MFF
Trichloroethylene	ND	1.0	0.17	µg/L	1		SW-846 8260D	5/1/23	5/2/23 4:54	MFF
Trichlorofluoromethane (Freon 11)	ND	2.0	0.15	µg/L	1		SW-846 8260D	5/1/23	5/2/23 4:54	MFF
1,2,3-Trichloropropane	ND	2.0	0.28	µg/L	1		SW-846 8260D	5/1/23	5/2/23 4:54	MFF
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	1.0	0.21	µg/L	1		SW-846 8260D	5/1/23	5/2/23 4:54	MFF
1,2,4-Trimethylbenzene	ND	1.0	0.20	µg/L	1		SW-846 8260D	5/1/23	5/2/23 4:54	MFF
1,3,5-Trimethylbenzene	ND	1.0	0.15	µg/L	1		SW-846 8260D	5/1/23	5/2/23 4:54	MFF
Vinyl Chloride	ND	2.0	0.24	µg/L	1		SW-846 8260D	5/1/23	5/2/23 4:54	MFF
m+p Xylene	ND	2.0	0.49	µg/L	1		SW-846 8260D	5/1/23	5/2/23 4:54	MFF
o-Xylene	ND	1.0	0.24	µg/L	1		SW-846 8260D	5/1/23	5/2/23 4:54	MFF
Surrogates	% Recovery		Recovery Limits		Flag/Qual					
1,2-Dichloroethane-d4	95.5		70-130				5/2/23 4:54			
Toluene-d8	105		70-130				5/2/23 4:54			
4-Bromofluorobenzene	93.7		70-130				5/2/23 4:54			

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

Project Location: 63 West Merrick Rd., Lindenhurst

Sample Description:

Work Order: 23D3326

Date Received: 4/27/2023

Field Sample #: RW-1

Sampled: 4/26/2023 10:12

Sample ID: 23D3326-14

Sample Matrix: Ground Water

Volatile Organic Compounds by GC/MS (SIM)

Analyte	Results	RL	DL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
1,4-Dioxane	ND	2.0	1.7	µg/L	1		SW-846 8260D	5/4/23	5/7/23 16:50	EEH
Surrogates	% Recovery		Recovery Limits		Flag/Qual					
1,4-Dioxane-d8	83.1		40-160				5/7/23 16:50			

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

Project Location: 63 West Merrick Rd., Lindenhurst

Sample Description:

Work Order: 23D3326

Date Received: 4/27/2023

Field Sample #: RW-1

Sampled: 4/26/2023 10:12

Sample ID: 23D3326-14

Sample Matrix: Ground Water

Metals Analyses (Total)

Analyte	Results	RL	DL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Aluminum	ND	0.050	0.045	mg/L	1		SW-846 6010D	5/1/23	5/2/23 20:22	NC
Antimony	ND	0.050	0.0082	mg/L	1		SW-846 6010D	5/1/23	5/2/23 20:22	NC
Arsenic	ND	0.010	0.0047	mg/L	1		SW-846 6010D	5/1/23	5/2/23 20:22	NC
Barium	0.020	0.050	0.0051	mg/L	1	J	SW-846 6010D	5/1/23	5/2/23 20:22	NC
Beryllium	ND	0.0040	0.0012	mg/L	1		SW-846 6010D	5/1/23	5/2/23 20:22	NC
Cadmium	ND	0.0040	0.0018	mg/L	1		SW-846 6010D	5/1/23	5/2/23 20:22	NC
Calcium	26	0.50	0.22	mg/L	1		SW-846 6010D	5/1/23	5/2/23 20:22	NC
Chromium	ND	0.010	0.0068	mg/L	1		SW-846 6010D	5/1/23	5/2/23 20:22	NC
Cobalt	ND	0.010	0.0021	mg/L	1		SW-846 6010D	5/1/23	5/2/23 20:22	NC
Copper	ND	0.010	0.0036	mg/L	1		SW-846 6010D	5/1/23	5/2/23 20:22	NC
Iron	0.37	0.050	0.047	mg/L	1		SW-846 6010D	5/1/23	5/2/23 20:22	NC
Lead	ND	0.010	0.0068	mg/L	1		SW-846 6010D	5/1/23	5/2/23 20:22	NC
Magnesium	3.8	0.050	0.0095	mg/L	1		SW-846 6010D	5/1/23	5/2/23 20:22	NC
Manganese	1.4	0.010	0.0033	mg/L	1		SW-846 6010D	5/1/23	5/2/23 20:22	NC
Mercury	ND	0.00020	0.00014	mg/L	1		SW-846 7470A	5/5/23	5/8/23 13:53	AAJ
Nickel	ND	0.010	0.0098	mg/L	1		SW-846 6010D	5/1/23	5/2/23 20:22	NC
Potassium	3.4	2.0	0.28	mg/L	1		SW-846 6010D	5/1/23	5/2/23 20:22	NC
Selenium	ND	0.050	0.014	mg/L	1		SW-846 6010D	5/1/23	5/2/23 20:22	NC
Silver	ND	0.010	0.0035	mg/L	1		SW-846 6010D	5/1/23	5/2/23 20:22	NC
Sodium	42	2.0	1.2	mg/L	1		SW-846 6010D	5/1/23	5/2/23 20:22	NC
Thallium	ND	0.050	0.021	mg/L	1		SW-846 6010D	5/1/23	5/2/23 20:22	NC
Vanadium	ND	0.010	0.0038	mg/L	1		SW-846 6010D	5/1/23	5/2/23 20:22	NC
Zinc	ND	0.010	0.0042	mg/L	1		SW-846 6010D	5/1/23	5/6/23 1:36	MJH

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Project Location: 63 West Merrick Rd., Lindenhurst

Sample Description:

Work Order: 23D3326

Date Received: 4/27/2023

Field Sample #: RW-2

Sampled: 4/25/2023 14:09

Sample ID: 23D3326-15

Sample Matrix: Ground Water

Sample Flags: DL-01

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	DL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Acetone	5.5	100	4.0	µg/L	2	J	SW-846 8260D	5/1/23	5/2/23 5:21	MFF
Acrylonitrile	ND	10	0.93	µg/L	2		SW-846 8260D	5/1/23	5/2/23 5:21	MFF
tert-Amyl Methyl Ether (TAME)	ND	1.0	0.26	µg/L	2		SW-846 8260D	5/1/23	5/2/23 5:21	MFF
Benzene	ND	2.0	0.37	µg/L	2		SW-846 8260D	5/1/23	5/2/23 5:21	MFF
Bromobenzene	ND	2.0	0.30	µg/L	2		SW-846 8260D	5/1/23	5/2/23 5:21	MFF
Bromochloromethane	ND	2.0	0.57	µg/L	2		SW-846 8260D	5/1/23	5/2/23 5:21	MFF
Bromodichloromethane	ND	1.0	0.32	µg/L	2		SW-846 8260D	5/1/23	5/2/23 5:21	MFF
Bromoform	ND	2.0	0.82	µg/L	2	V-05	SW-846 8260D	5/1/23	5/2/23 5:21	MFF
Bromomethane	ND	4.0	2.6	µg/L	2		SW-846 8260D	5/1/23	5/2/23 5:21	MFF
2-Butanone (MEK)	ND	40	3.4	µg/L	2		SW-846 8260D	5/1/23	5/2/23 5:21	MFF
tert-Butyl Alcohol (TBA)	ND	40	8.5	µg/L	2	V-05	SW-846 8260D	5/1/23	5/2/23 5:21	MFF
n-Butylbenzene	ND	2.0	0.30	µg/L	2		SW-846 8260D	5/1/23	5/2/23 5:21	MFF
sec-Butylbenzene	ND	2.0	0.25	µg/L	2		SW-846 8260D	5/1/23	5/2/23 5:21	MFF
tert-Butylbenzene	ND	2.0	0.28	µg/L	2		SW-846 8260D	5/1/23	5/2/23 5:21	MFF
tert-Butyl Ethyl Ether (TBEE)	ND	1.0	0.31	µg/L	2		SW-846 8260D	5/1/23	5/2/23 5:21	MFF
Carbon Disulfide	ND	10	3.1	µg/L	2		SW-846 8260D	5/1/23	5/2/23 5:21	MFF
Carbon Tetrachloride	ND	10	0.33	µg/L	2		SW-846 8260D	5/1/23	5/2/23 5:21	MFF
Chlorobenzene	ND	2.0	0.24	µg/L	2		SW-846 8260D	5/1/23	5/2/23 5:21	MFF
Chlorodibromomethane	ND	1.0	0.40	µg/L	2		SW-846 8260D	5/1/23	5/2/23 5:21	MFF
Chloroethane	ND	4.0	0.68	µg/L	2		SW-846 8260D	5/1/23	5/2/23 5:21	MFF
Chloroform	ND	4.0	0.28	µg/L	2		SW-846 8260D	5/1/23	5/2/23 5:21	MFF
Chloromethane	ND	4.0	1.0	µg/L	2		SW-846 8260D	5/1/23	5/2/23 5:21	MFF
2-Chlorotoluene	ND	2.0	0.31	µg/L	2		SW-846 8260D	5/1/23	5/2/23 5:21	MFF
4-Chlorotoluene	ND	2.0	0.31	µg/L	2		SW-846 8260D	5/1/23	5/2/23 5:21	MFF
1,2-Dibromo-3-chloropropane (DBCP)	ND	10	1.7	µg/L	2	V-05	SW-846 8260D	5/1/23	5/2/23 5:21	MFF
1,2-Dibromoethane (EDB)	ND	1.0	0.32	µg/L	2		SW-846 8260D	5/1/23	5/2/23 5:21	MFF
Dibromomethane	ND	2.0	0.64	µg/L	2		SW-846 8260D	5/1/23	5/2/23 5:21	MFF
1,2-Dichlorobenzene	ND	2.0	0.26	µg/L	2		SW-846 8260D	5/1/23	5/2/23 5:21	MFF
1,3-Dichlorobenzene	ND	2.0	0.27	µg/L	2		SW-846 8260D	5/1/23	5/2/23 5:21	MFF
1,4-Dichlorobenzene	ND	2.0	0.26	µg/L	2		SW-846 8260D	5/1/23	5/2/23 5:21	MFF
trans-1,4-Dichloro-2-butene	ND	4.0	3.0	µg/L	2	V-05	SW-846 8260D	5/1/23	5/2/23 5:21	MFF
Dichlorodifluoromethane (Freon 12)	ND	4.0	0.32	µg/L	2		SW-846 8260D	5/1/23	5/2/23 5:21	MFF
1,1-Dichloroethane	ND	2.0	0.27	µg/L	2		SW-846 8260D	5/1/23	5/2/23 5:21	MFF
1,2-Dichloroethane	ND	2.0	0.61	µg/L	2		SW-846 8260D	5/1/23	5/2/23 5:21	MFF
1,1-Dichloroethylene	ND	2.0	0.28	µg/L	2		SW-846 8260D	5/1/23	5/2/23 5:21	MFF
cis-1,2-Dichloroethylene	ND	2.0	0.28	µg/L	2		SW-846 8260D	5/1/23	5/2/23 5:21	MFF
trans-1,2-Dichloroethylene	ND	2.0	0.34	µg/L	2		SW-846 8260D	5/1/23	5/2/23 5:21	MFF
1,2-Dichloropropane	ND	2.0	0.39	µg/L	2		SW-846 8260D	5/1/23	5/2/23 5:21	MFF
1,3-Dichloropropane	ND	1.0	0.23	µg/L	2		SW-846 8260D	5/1/23	5/2/23 5:21	MFF
2,2-Dichloropropane	ND	2.0	0.70	µg/L	2	V-05	SW-846 8260D	5/1/23	5/2/23 5:21	MFF
1,1-Dichloropropene	ND	4.0	0.30	µg/L	2		SW-846 8260D	5/1/23	5/2/23 5:21	MFF
cis-1,3-Dichloropropene	ND	1.0	0.33	µg/L	2		SW-846 8260D	5/1/23	5/2/23 5:21	MFF
trans-1,3-Dichloropropene	ND	1.0	0.28	µg/L	2		SW-846 8260D	5/1/23	5/2/23 5:21	MFF
Diethyl Ether	ND	4.0	0.29	µg/L	2		SW-846 8260D	5/1/23	5/2/23 5:21	MFF

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

Project Location: 63 West Merrick Rd., Lindenhurst

Sample Description:

Work Order: 23D3326

Date Received: 4/27/2023

Field Sample #: RW-2

Sampled: 4/25/2023 14:09

Sample ID: 23D3326-15

Sample Matrix: Ground Water

Sample Flags: DL-01

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	0.40	µg/L	2		SW-846 8260D	5/1/23	5/2/23 5:21	MFF
1,4-Dioxane	ND	100	36	µg/L	2		SW-846 8260D	5/1/23	5/2/23 5:21	MFF
Ethylbenzene	ND	2.0	0.44	µg/L	2		SW-846 8260D	5/1/23	5/2/23 5:21	MFF
Hexachlorobutadiene	ND	1.2	0.94	µg/L	2		SW-846 8260D	5/1/23	5/2/23 5:21	MFF
2-Hexanone (MBK)	ND	20	2.4	µg/L	2		SW-846 8260D	5/1/23	5/2/23 5:21	MFF
Isopropylbenzene (Cumene)	ND	2.0	0.30	µg/L	2		SW-846 8260D	5/1/23	5/2/23 5:21	MFF
p-Isopropyltoluene (p-Cymene)	ND	2.0	0.25	µg/L	2		SW-846 8260D	5/1/23	5/2/23 5:21	MFF
Methyl Acetate	ND	2.0	1.2	µg/L	2	V-05	SW-846 8260D	5/1/23	5/2/23 5:21	MFF
Methyl tert-Butyl Ether (MTBE)	ND	2.0	0.34	µg/L	2		SW-846 8260D	5/1/23	5/2/23 5:21	MFF
Methyl Cyclohexane	ND	2.0	0.31	µg/L	2		SW-846 8260D	5/1/23	5/2/23 5:21	MFF
Methylene Chloride	ND	10	0.35	µg/L	2		SW-846 8260D	5/1/23	5/2/23 5:21	MFF
4-Methyl-2-pentanone (MIBK)	ND	20	2.6	µg/L	2		SW-846 8260D	5/1/23	5/2/23 5:21	MFF
Naphthalene	ND	4.0	0.76	µg/L	2		SW-846 8260D	5/1/23	5/2/23 5:21	MFF
n-Propylbenzene	ND	2.0	0.25	µg/L	2		SW-846 8260D	5/1/23	5/2/23 5:21	MFF
Styrene	ND	2.0	0.30	µg/L	2		SW-846 8260D	5/1/23	5/2/23 5:21	MFF
1,1,1,2-Tetrachloroethane	ND	2.0	0.32	µg/L	2		SW-846 8260D	5/1/23	5/2/23 5:21	MFF
1,1,2,2-Tetrachloroethane	ND	1.0	0.27	µg/L	2		SW-846 8260D	5/1/23	5/2/23 5:21	MFF
Tetrachloroethylene	ND	2.0	0.34	µg/L	2		SW-846 8260D	5/1/23	5/2/23 5:21	MFF
Tetrahydrofuran	ND	20	0.98	µg/L	2		SW-846 8260D	5/1/23	5/2/23 5:21	MFF
Toluene	ND	2.0	0.45	µg/L	2		SW-846 8260D	5/1/23	5/2/23 5:21	MFF
1,2,3-Trichlorobenzene	ND	10	0.68	µg/L	2		SW-846 8260D	5/1/23	5/2/23 5:21	MFF
1,2,4-Trichlorobenzene	ND	2.0	0.60	µg/L	2		SW-846 8260D	5/1/23	5/2/23 5:21	MFF
1,3,5-Trichlorobenzene	ND	2.0	0.42	µg/L	2		SW-846 8260D	5/1/23	5/2/23 5:21	MFF
1,1,1-Trichloroethane	ND	2.0	0.30	µg/L	2		SW-846 8260D	5/1/23	5/2/23 5:21	MFF
1,1,2-Trichloroethane	ND	2.0	0.38	µg/L	2		SW-846 8260D	5/1/23	5/2/23 5:21	MFF
Trichloroethylene	ND	2.0	0.35	µg/L	2		SW-846 8260D	5/1/23	5/2/23 5:21	MFF
Trichlorofluoromethane (Freon 11)	ND	4.0	0.31	µg/L	2		SW-846 8260D	5/1/23	5/2/23 5:21	MFF
1,2,3-Trichloropropane	ND	4.0	0.55	µg/L	2		SW-846 8260D	5/1/23	5/2/23 5:21	MFF
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	2.0	0.42	µg/L	2		SW-846 8260D	5/1/23	5/2/23 5:21	MFF
1,2,4-Trimethylbenzene	ND	2.0	0.40	µg/L	2		SW-846 8260D	5/1/23	5/2/23 5:21	MFF
1,3,5-Trimethylbenzene	ND	2.0	0.30	µg/L	2		SW-846 8260D	5/1/23	5/2/23 5:21	MFF
Vinyl Chloride	ND	4.0	0.47	µg/L	2		SW-846 8260D	5/1/23	5/2/23 5:21	MFF
m+p Xylene	ND	4.0	0.98	µg/L	2		SW-846 8260D	5/1/23	5/2/23 5:21	MFF
o-Xylene	ND	2.0	0.49	µg/L	2		SW-846 8260D	5/1/23	5/2/23 5:21	MFF
Surrogates	% Recovery		Recovery Limits		Flag/Qual					
1,2-Dichloroethane-d4	97.0		70-130				5/2/23 5:21			
Toluene-d8	101		70-130				5/2/23 5:21			
4-Bromofluorobenzene	94.3		70-130				5/2/23 5:21			

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

Project Location: 63 West Merrick Rd., Lindenhurst

Sample Description:

Work Order: 23D3326

Date Received: 4/27/2023

Field Sample #: RW-2

Sampled: 4/25/2023 14:09

Sample ID: 23D3326-15

Sample Matrix: Ground Water

Volatile Organic Compounds by GC/MS (SIM)

Analyte	Results	RL	DL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
1,4-Dioxane	ND	2.0	1.7	µg/L	1		SW-846 8260D	5/4/23	5/7/23 17:16	EEH
Surrogates	% Recovery		Recovery Limits		Flag/Qual					
1,4-Dioxane-d8	59.4		40-160				5/7/23 17:16			

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

Project Location: 63 West Merrick Rd., Lindenhurst

Sample Description:

Work Order: 23D3326

Date Received: 4/27/2023

Field Sample #: RW-2

Sampled: 4/25/2023 14:09

Sample ID: 23D3326-15

Sample Matrix: Ground Water

Metals Analyses (Total)

Analyte	Results	RL	DL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Aluminum	0.048	0.050	0.045	mg/L	1	J	SW-846 6010D	5/1/23	5/2/23 20:28	NC
Antimony	ND	0.050	0.0082	mg/L	1		SW-846 6010D	5/1/23	5/2/23 20:28	NC
Arsenic	ND	0.010	0.0047	mg/L	1		SW-846 6010D	5/1/23	5/2/23 20:28	NC
Barium	0.033	0.050	0.0051	mg/L	1	J	SW-846 6010D	5/1/23	5/2/23 20:28	NC
Beryllium	ND	0.0040	0.0012	mg/L	1		SW-846 6010D	5/1/23	5/2/23 20:28	NC
Cadmium	ND	0.0040	0.0018	mg/L	1		SW-846 6010D	5/1/23	5/2/23 20:28	NC
Calcium	66	0.50	0.22	mg/L	1		SW-846 6010D	5/1/23	5/2/23 20:28	NC
Chromium	ND	0.010	0.0068	mg/L	1		SW-846 6010D	5/1/23	5/2/23 20:28	NC
Cobalt	ND	0.010	0.0021	mg/L	1		SW-846 6010D	5/1/23	5/2/23 20:28	NC
Copper	0.0059	0.010	0.0036	mg/L	1	J	SW-846 6010D	5/1/23	5/2/23 20:28	NC
Iron	5.1	0.050	0.047	mg/L	1		SW-846 6010D	5/1/23	5/2/23 20:28	NC
Lead	ND	0.010	0.0068	mg/L	1		SW-846 6010D	5/1/23	5/2/23 20:28	NC
Magnesium	75	0.050	0.0095	mg/L	1		SW-846 6010D	5/1/23	5/2/23 20:28	NC
Manganese	0.14	0.010	0.0033	mg/L	1		SW-846 6010D	5/1/23	5/2/23 20:28	NC
Mercury	ND	0.00020	0.00014	mg/L	1		SW-846 7470A	5/5/23	5/8/23 13:55	AAJ
Nickel	ND	0.010	0.0098	mg/L	1		SW-846 6010D	5/1/23	5/2/23 20:28	NC
Potassium	15	2.0	0.28	mg/L	1		SW-846 6010D	5/1/23	5/2/23 20:28	NC
Selenium	ND	0.050	0.014	mg/L	1		SW-846 6010D	5/1/23	5/2/23 20:28	NC
Silver	ND	0.010	0.0035	mg/L	1		SW-846 6010D	5/1/23	5/2/23 20:28	NC
Sodium	620	40	24	mg/L	20		SW-846 6010D	5/1/23	5/6/23 21:48	ICP
Thallium	ND	0.050	0.021	mg/L	1		SW-846 6010D	5/1/23	5/2/23 20:28	NC
Vanadium	ND	0.010	0.0038	mg/L	1		SW-846 6010D	5/1/23	5/2/23 20:28	NC
Zinc	0.016	0.010	0.0042	mg/L	1		SW-846 6010D	5/1/23	5/6/23 1:46	MJH

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

Project Location: 63 West Merrick Rd., Lindenhurst

Sample Description:

Work Order: 23D3326

Date Received: 4/27/2023

Field Sample #: MW-A

Sampled: 4/25/2023 14:14

Sample ID: 23D3326-16

Sample Matrix: Ground Water

Sample Flags: DL-01

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	DL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Acetone	ND	100	4.0	µg/L	2		SW-846 8260D	5/1/23	5/2/23 5:48	MFF
Acrylonitrile	ND	10	0.93	µg/L	2		SW-846 8260D	5/1/23	5/2/23 5:48	MFF
tert-Amyl Methyl Ether (TAME)	ND	1.0	0.26	µg/L	2		SW-846 8260D	5/1/23	5/2/23 5:48	MFF
Benzene	ND	2.0	0.37	µg/L	2		SW-846 8260D	5/1/23	5/2/23 5:48	MFF
Bromobenzene	ND	2.0	0.30	µg/L	2		SW-846 8260D	5/1/23	5/2/23 5:48	MFF
Bromochloromethane	ND	2.0	0.57	µg/L	2		SW-846 8260D	5/1/23	5/2/23 5:48	MFF
Bromodichloromethane	ND	1.0	0.32	µg/L	2		SW-846 8260D	5/1/23	5/2/23 5:48	MFF
Bromoform	ND	2.0	0.82	µg/L	2	V-05	SW-846 8260D	5/1/23	5/2/23 5:48	MFF
Bromomethane	ND	4.0	2.6	µg/L	2		SW-846 8260D	5/1/23	5/2/23 5:48	MFF
2-Butanone (MEK)	ND	40	3.4	µg/L	2		SW-846 8260D	5/1/23	5/2/23 5:48	MFF
tert-Butyl Alcohol (TBA)	ND	40	8.5	µg/L	2	V-05	SW-846 8260D	5/1/23	5/2/23 5:48	MFF
n-Butylbenzene	ND	2.0	0.30	µg/L	2		SW-846 8260D	5/1/23	5/2/23 5:48	MFF
sec-Butylbenzene	ND	2.0	0.25	µg/L	2		SW-846 8260D	5/1/23	5/2/23 5:48	MFF
tert-Butylbenzene	ND	2.0	0.28	µg/L	2		SW-846 8260D	5/1/23	5/2/23 5:48	MFF
tert-Butyl Ethyl Ether (TBEE)	ND	1.0	0.31	µg/L	2		SW-846 8260D	5/1/23	5/2/23 5:48	MFF
Carbon Disulfide	ND	10	3.1	µg/L	2		SW-846 8260D	5/1/23	5/2/23 5:48	MFF
Carbon Tetrachloride	ND	10	0.33	µg/L	2		SW-846 8260D	5/1/23	5/2/23 5:48	MFF
Chlorobenzene	ND	2.0	0.24	µg/L	2		SW-846 8260D	5/1/23	5/2/23 5:48	MFF
Chlorodibromomethane	ND	1.0	0.40	µg/L	2		SW-846 8260D	5/1/23	5/2/23 5:48	MFF
Chloroethane	ND	4.0	0.68	µg/L	2		SW-846 8260D	5/1/23	5/2/23 5:48	MFF
Chloroform	ND	4.0	0.28	µg/L	2		SW-846 8260D	5/1/23	5/2/23 5:48	MFF
Chloromethane	ND	4.0	1.0	µg/L	2		SW-846 8260D	5/1/23	5/2/23 5:48	MFF
2-Chlorotoluene	ND	2.0	0.31	µg/L	2		SW-846 8260D	5/1/23	5/2/23 5:48	MFF
4-Chlorotoluene	ND	2.0	0.31	µg/L	2		SW-846 8260D	5/1/23	5/2/23 5:48	MFF
1,2-Dibromo-3-chloropropane (DBCP)	ND	10	1.7	µg/L	2	V-05	SW-846 8260D	5/1/23	5/2/23 5:48	MFF
1,2-Dibromoethane (EDB)	ND	1.0	0.32	µg/L	2		SW-846 8260D	5/1/23	5/2/23 5:48	MFF
Dibromomethane	ND	2.0	0.64	µg/L	2		SW-846 8260D	5/1/23	5/2/23 5:48	MFF
1,2-Dichlorobenzene	ND	2.0	0.26	µg/L	2		SW-846 8260D	5/1/23	5/2/23 5:48	MFF
1,3-Dichlorobenzene	ND	2.0	0.27	µg/L	2		SW-846 8260D	5/1/23	5/2/23 5:48	MFF
1,4-Dichlorobenzene	ND	2.0	0.26	µg/L	2		SW-846 8260D	5/1/23	5/2/23 5:48	MFF
trans-1,4-Dichloro-2-butene	ND	4.0	3.0	µg/L	2	V-05	SW-846 8260D	5/1/23	5/2/23 5:48	MFF
Dichlorodifluoromethane (Freon 12)	ND	4.0	0.32	µg/L	2		SW-846 8260D	5/1/23	5/2/23 5:48	MFF
1,1-Dichloroethane	ND	2.0	0.27	µg/L	2		SW-846 8260D	5/1/23	5/2/23 5:48	MFF
1,2-Dichloroethane	ND	2.0	0.61	µg/L	2		SW-846 8260D	5/1/23	5/2/23 5:48	MFF
1,1-Dichloroethylene	ND	2.0	0.28	µg/L	2		SW-846 8260D	5/1/23	5/2/23 5:48	MFF
cis-1,2-Dichloroethylene	ND	2.0	0.28	µg/L	2		SW-846 8260D	5/1/23	5/2/23 5:48	MFF
trans-1,2-Dichloroethylene	ND	2.0	0.34	µg/L	2		SW-846 8260D	5/1/23	5/2/23 5:48	MFF
1,2-Dichloropropane	ND	2.0	0.39	µg/L	2		SW-846 8260D	5/1/23	5/2/23 5:48	MFF
1,3-Dichloropropane	ND	1.0	0.23	µg/L	2		SW-846 8260D	5/1/23	5/2/23 5:48	MFF
2,2-Dichloropropane	ND	2.0	0.70	µg/L	2	V-05	SW-846 8260D	5/1/23	5/2/23 5:48	MFF
1,1-Dichloropropene	ND	4.0	0.30	µg/L	2		SW-846 8260D	5/1/23	5/2/23 5:48	MFF
cis-1,3-Dichloropropene	ND	1.0	0.33	µg/L	2		SW-846 8260D	5/1/23	5/2/23 5:48	MFF
trans-1,3-Dichloropropene	ND	1.0	0.28	µg/L	2		SW-846 8260D	5/1/23	5/2/23 5:48	MFF
Diethyl Ether	ND	4.0	0.29	µg/L	2		SW-846 8260D	5/1/23	5/2/23 5:48	MFF

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

Project Location: 63 West Merrick Rd., Lindenhurst

Sample Description:

Work Order: 23D3326

Date Received: 4/27/2023

Field Sample #: MW-A

Sampled: 4/25/2023 14:14

Sample ID: 23D3326-16

Sample Matrix: Ground Water

Sample Flags: DL-01

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	0.40	µg/L	2		SW-846 8260D	5/1/23	5/2/23 5:48	MFF
1,4-Dioxane	ND	100	36	µg/L	2		SW-846 8260D	5/1/23	5/2/23 5:48	MFF
Ethylbenzene	ND	2.0	0.44	µg/L	2		SW-846 8260D	5/1/23	5/2/23 5:48	MFF
Hexachlorobutadiene	ND	1.2	0.94	µg/L	2		SW-846 8260D	5/1/23	5/2/23 5:48	MFF
2-Hexanone (MBK)	ND	20	2.4	µg/L	2		SW-846 8260D	5/1/23	5/2/23 5:48	MFF
Isopropylbenzene (Cumene)	ND	2.0	0.30	µg/L	2		SW-846 8260D	5/1/23	5/2/23 5:48	MFF
p-Isopropyltoluene (p-Cymene)	ND	2.0	0.25	µg/L	2		SW-846 8260D	5/1/23	5/2/23 5:48	MFF
Methyl Acetate	ND	2.0	1.2	µg/L	2	V-05	SW-846 8260D	5/1/23	5/2/23 5:48	MFF
Methyl tert-Butyl Ether (MTBE)	ND	2.0	0.34	µg/L	2		SW-846 8260D	5/1/23	5/2/23 5:48	MFF
Methyl Cyclohexane	ND	2.0	0.31	µg/L	2		SW-846 8260D	5/1/23	5/2/23 5:48	MFF
Methylene Chloride	ND	10	0.35	µg/L	2		SW-846 8260D	5/1/23	5/2/23 5:48	MFF
4-Methyl-2-pentanone (MIBK)	ND	20	2.6	µg/L	2		SW-846 8260D	5/1/23	5/2/23 5:48	MFF
Naphthalene	ND	4.0	0.76	µg/L	2		SW-846 8260D	5/1/23	5/2/23 5:48	MFF
n-Propylbenzene	ND	2.0	0.25	µg/L	2		SW-846 8260D	5/1/23	5/2/23 5:48	MFF
Styrene	ND	2.0	0.30	µg/L	2		SW-846 8260D	5/1/23	5/2/23 5:48	MFF
1,1,1,2-Tetrachloroethane	ND	2.0	0.32	µg/L	2		SW-846 8260D	5/1/23	5/2/23 5:48	MFF
1,1,2,2-Tetrachloroethane	ND	1.0	0.27	µg/L	2		SW-846 8260D	5/1/23	5/2/23 5:48	MFF
Tetrachloroethylene	ND	2.0	0.34	µg/L	2		SW-846 8260D	5/1/23	5/2/23 5:48	MFF
Tetrahydrofuran	ND	20	0.98	µg/L	2		SW-846 8260D	5/1/23	5/2/23 5:48	MFF
Toluene	ND	2.0	0.45	µg/L	2		SW-846 8260D	5/1/23	5/2/23 5:48	MFF
1,2,3-Trichlorobenzene	ND	10	0.68	µg/L	2		SW-846 8260D	5/1/23	5/2/23 5:48	MFF
1,2,4-Trichlorobenzene	ND	2.0	0.60	µg/L	2		SW-846 8260D	5/1/23	5/2/23 5:48	MFF
1,3,5-Trichlorobenzene	ND	2.0	0.42	µg/L	2		SW-846 8260D	5/1/23	5/2/23 5:48	MFF
1,1,1-Trichloroethane	ND	2.0	0.30	µg/L	2		SW-846 8260D	5/1/23	5/2/23 5:48	MFF
1,1,2-Trichloroethane	ND	2.0	0.38	µg/L	2		SW-846 8260D	5/1/23	5/2/23 5:48	MFF
Trichloroethylene	ND	2.0	0.35	µg/L	2		SW-846 8260D	5/1/23	5/2/23 5:48	MFF
Trichlorofluoromethane (Freon 11)	ND	4.0	0.31	µg/L	2		SW-846 8260D	5/1/23	5/2/23 5:48	MFF
1,2,3-Trichloropropane	ND	4.0	0.55	µg/L	2		SW-846 8260D	5/1/23	5/2/23 5:48	MFF
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	2.0	0.42	µg/L	2		SW-846 8260D	5/1/23	5/2/23 5:48	MFF
1,2,4-Trimethylbenzene	ND	2.0	0.40	µg/L	2		SW-846 8260D	5/1/23	5/2/23 5:48	MFF
1,3,5-Trimethylbenzene	ND	2.0	0.30	µg/L	2		SW-846 8260D	5/1/23	5/2/23 5:48	MFF
Vinyl Chloride	ND	4.0	0.47	µg/L	2		SW-846 8260D	5/1/23	5/2/23 5:48	MFF
m+p Xylene	ND	4.0	0.98	µg/L	2		SW-846 8260D	5/1/23	5/2/23 5:48	MFF
o-Xylene	ND	2.0	0.49	µg/L	2		SW-846 8260D	5/1/23	5/2/23 5:48	MFF
Surrogates	% Recovery	Recovery Limits	Flag/Qual							
1,2-Dichloroethane-d4	95.7	70-130							5/2/23 5:48	
Toluene-d8	101	70-130							5/2/23 5:48	
4-Bromofluorobenzene	93.5	70-130							5/2/23 5:48	

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

Project Location: 63 West Merrick Rd., Lindenhurst

Sample Description:

Work Order: 23D3326

Date Received: 4/27/2023

Field Sample #: MW-A

Sampled: 4/25/2023 14:14

Sample ID: 23D3326-16

Sample Matrix: Ground Water

Volatile Organic Compounds by GC/MS (SIM)

Analyte	Results	RL	DL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
1,4-Dioxane	ND	2.0	1.7	µg/L	1		SW-846 8260D	5/4/23	5/7/23 17:43	EEH
Surrogates	% Recovery		Recovery Limits		Flag/Qual					
1,4-Dioxane-d8	61.6		40-160				5/7/23 17:43			

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

Project Location: 63 West Merrick Rd., Lindenhurst

Sample Description:

Work Order: 23D3326

Date Received: 4/27/2023

Field Sample #: MW-A

Sampled: 4/25/2023 14:14

Sample ID: 23D3326-16

Sample Matrix: Ground Water

Metals Analyses (Total)

Analyte	Results	RL	DL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Aluminum	ND	0.050	0.045	mg/L	1		SW-846 6010D	5/1/23	5/2/23 20:34	NC
Antimony	ND	0.050	0.0082	mg/L	1		SW-846 6010D	5/1/23	5/2/23 20:34	NC
Arsenic	ND	0.010	0.0047	mg/L	1		SW-846 6010D	5/1/23	5/2/23 20:34	NC
Barium	0.033	0.050	0.0051	mg/L	1	J	SW-846 6010D	5/1/23	5/2/23 20:34	NC
Beryllium	ND	0.0040	0.0012	mg/L	1		SW-846 6010D	5/1/23	5/2/23 20:34	NC
Cadmium	ND	0.0040	0.0018	mg/L	1		SW-846 6010D	5/1/23	5/2/23 20:34	NC
Calcium	67	0.50	0.22	mg/L	1		SW-846 6010D	5/1/23	5/2/23 20:34	NC
Chromium	ND	0.010	0.0068	mg/L	1		SW-846 6010D	5/1/23	5/2/23 20:34	NC
Cobalt	ND	0.010	0.0021	mg/L	1		SW-846 6010D	5/1/23	5/2/23 20:34	NC
Copper	0.0057	0.010	0.0036	mg/L	1	J	SW-846 6010D	5/1/23	5/2/23 20:34	NC
Iron	5.2	0.050	0.047	mg/L	1		SW-846 6010D	5/1/23	5/2/23 20:34	NC
Lead	ND	0.010	0.0068	mg/L	1		SW-846 6010D	5/1/23	5/2/23 20:34	NC
Magnesium	76	0.050	0.0095	mg/L	1		SW-846 6010D	5/1/23	5/2/23 20:34	NC
Manganese	0.14	0.010	0.0033	mg/L	1		SW-846 6010D	5/1/23	5/2/23 20:34	NC
Mercury	0.00017	0.00020	0.00014	mg/L	1	B, J	SW-846 7470A	5/2/23	5/3/23 14:39	AAJ
Nickel	ND	0.010	0.0098	mg/L	1		SW-846 6010D	5/1/23	5/2/23 20:34	NC
Potassium	16	2.0	0.28	mg/L	1		SW-846 6010D	5/1/23	5/2/23 20:34	NC
Selenium	ND	0.050	0.014	mg/L	1		SW-846 6010D	5/1/23	5/2/23 20:34	NC
Silver	ND	0.010	0.0035	mg/L	1		SW-846 6010D	5/1/23	5/2/23 20:34	NC
Sodium	630	40	24	mg/L	20		SW-846 6010D	5/1/23	5/6/23 21:54	ICP
Thallium	ND	0.050	0.021	mg/L	1		SW-846 6010D	5/1/23	5/2/23 20:34	NC
Vanadium	ND	0.010	0.0038	mg/L	1		SW-846 6010D	5/1/23	5/2/23 20:34	NC
Zinc	0.015	0.010	0.0042	mg/L	1		SW-846 6010D	5/1/23	5/6/23 2:10	MJH

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

Project Location: 63 West Merrick Rd., Lindenhurst

Sample Description:

Work Order: 23D3326

Date Received: 4/27/2023

Field Sample #: MW-B

Sampled: 4/25/2023 15:37

Sample ID: 23D3326-17

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	3.3	50	2.0	µg/L	1	J	SW-846 8260D	5/1/23	5/2/23 6:14	MFF
Acrylonitrile	ND	5.0	0.47	µg/L	1		SW-846 8260D	5/1/23	5/2/23 6:14	MFF
tert-Amyl Methyl Ether (TAME)	ND	0.50	0.13	µg/L	1		SW-846 8260D	5/1/23	5/2/23 6:14	MFF
Benzene	ND	1.0	0.18	µg/L	1		SW-846 8260D	5/1/23	5/2/23 6:14	MFF
Bromobenzene	ND	1.0	0.15	µg/L	1		SW-846 8260D	5/1/23	5/2/23 6:14	MFF
Bromochloromethane	ND	1.0	0.28	µg/L	1		SW-846 8260D	5/1/23	5/2/23 6:14	MFF
Bromodichloromethane	ND	0.50	0.16	µg/L	1		SW-846 8260D	5/1/23	5/2/23 6:14	MFF
Bromoform	ND	1.0	0.41	µg/L	1	V-05	SW-846 8260D	5/1/23	5/2/23 6:14	MFF
Bromomethane	ND	2.0	1.3	µg/L	1		SW-846 8260D	5/1/23	5/2/23 6:14	MFF
2-Butanone (MEK)	ND	20	1.7	µg/L	1		SW-846 8260D	5/1/23	5/2/23 6:14	MFF
tert-Butyl Alcohol (TBA)	ND	20	4.3	µg/L	1	V-05	SW-846 8260D	5/1/23	5/2/23 6:14	MFF
n-Butylbenzene	ND	1.0	0.15	µg/L	1		SW-846 8260D	5/1/23	5/2/23 6:14	MFF
sec-Butylbenzene	ND	1.0	0.13	µg/L	1		SW-846 8260D	5/1/23	5/2/23 6:14	MFF
tert-Butylbenzene	ND	1.0	0.14	µg/L	1		SW-846 8260D	5/1/23	5/2/23 6:14	MFF
tert-Butyl Ethyl Ether (TBEE)	ND	0.50	0.15	µg/L	1		SW-846 8260D	5/1/23	5/2/23 6:14	MFF
Carbon Disulfide	ND	5.0	1.6	µg/L	1		SW-846 8260D	5/1/23	5/2/23 6:14	MFF
Carbon Tetrachloride	ND	5.0	0.16	µg/L	1		SW-846 8260D	5/1/23	5/2/23 6:14	MFF
Chlorobenzene	ND	1.0	0.12	µg/L	1		SW-846 8260D	5/1/23	5/2/23 6:14	MFF
Chlorodibromomethane	ND	0.50	0.20	µg/L	1		SW-846 8260D	5/1/23	5/2/23 6:14	MFF
Chloroethane	ND	2.0	0.34	µg/L	1		SW-846 8260D	5/1/23	5/2/23 6:14	MFF
Chloroform	ND	2.0	0.14	µg/L	1		SW-846 8260D	5/1/23	5/2/23 6:14	MFF
Chloromethane	ND	2.0	0.50	µg/L	1		SW-846 8260D	5/1/23	5/2/23 6:14	MFF
2-Chlorotoluene	ND	1.0	0.15	µg/L	1		SW-846 8260D	5/1/23	5/2/23 6:14	MFF
4-Chlorotoluene	ND	1.0	0.15	µg/L	1		SW-846 8260D	5/1/23	5/2/23 6:14	MFF
1,2-Dibromo-3-chloropropane (DBCP)	ND	5.0	0.85	µg/L	1	V-05	SW-846 8260D	5/1/23	5/2/23 6:14	MFF
1,2-Dibromoethane (EDB)	ND	0.50	0.16	µg/L	1		SW-846 8260D	5/1/23	5/2/23 6:14	MFF
Dibromomethane	ND	1.0	0.32	µg/L	1		SW-846 8260D	5/1/23	5/2/23 6:14	MFF
1,2-Dichlorobenzene	ND	1.0	0.13	µg/L	1		SW-846 8260D	5/1/23	5/2/23 6:14	MFF
1,3-Dichlorobenzene	ND	1.0	0.14	µg/L	1		SW-846 8260D	5/1/23	5/2/23 6:14	MFF
1,4-Dichlorobenzene	ND	1.0	0.13	µg/L	1		SW-846 8260D	5/1/23	5/2/23 6:14	MFF
trans-1,4-Dichloro-2-butene	ND	2.0	1.5	µg/L	1	V-05	SW-846 8260D	5/1/23	5/2/23 6:14	MFF
Dichlorodifluoromethane (Freon 12)	ND	2.0	0.16	µg/L	1		SW-846 8260D	5/1/23	5/2/23 6:14	MFF
1,1-Dichloroethane	ND	1.0	0.14	µg/L	1		SW-846 8260D	5/1/23	5/2/23 6:14	MFF
1,2-Dichloroethane	ND	1.0	0.30	µg/L	1		SW-846 8260D	5/1/23	5/2/23 6:14	MFF
1,1-Dichloroethylene	ND	1.0	0.14	µg/L	1		SW-846 8260D	5/1/23	5/2/23 6:14	MFF
cis-1,2-Dichloroethylene	13	1.0	0.14	µg/L	1		SW-846 8260D	5/1/23	5/2/23 6:14	MFF
trans-1,2-Dichloroethylene	0.19	1.0	0.17	µg/L	1	J	SW-846 8260D	5/1/23	5/2/23 6:14	MFF
1,2-Dichloropropane	ND	1.0	0.19	µg/L	1		SW-846 8260D	5/1/23	5/2/23 6:14	MFF
1,3-Dichloropropane	ND	0.50	0.12	µg/L	1		SW-846 8260D	5/1/23	5/2/23 6:14	MFF
2,2-Dichloropropane	ND	1.0	0.35	µg/L	1	V-05	SW-846 8260D	5/1/23	5/2/23 6:14	MFF
1,1-Dichloropropene	ND	2.0	0.15	µg/L	1		SW-846 8260D	5/1/23	5/2/23 6:14	MFF
cis-1,3-Dichloropropene	ND	0.50	0.16	µg/L	1		SW-846 8260D	5/1/23	5/2/23 6:14	MFF
trans-1,3-Dichloropropene	ND	0.50	0.14	µg/L	1		SW-846 8260D	5/1/23	5/2/23 6:14	MFF
Diethyl Ether	ND	2.0	0.14	µg/L	1		SW-846 8260D	5/1/23	5/2/23 6:14	MFF

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

Project Location: 63 West Merrick Rd., Lindenhurst

Sample Description:

Work Order: 23D3326

Date Received: 4/27/2023

Field Sample #: MW-B

Sampled: 4/25/2023 15:37

Sample ID: 23D3326-17

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	0.20	µg/L	1		SW-846 8260D	5/1/23	5/2/23 6:14	MFF
1,4-Dioxane	ND	50	18	µg/L	1		SW-846 8260D	5/1/23	5/2/23 6:14	MFF
Ethylbenzene	ND	1.0	0.22	µg/L	1		SW-846 8260D	5/1/23	5/2/23 6:14	MFF
Hexachlorobutadiene	ND	0.60	0.47	µg/L	1		SW-846 8260D	5/1/23	5/2/23 6:14	MFF
2-Hexanone (MBK)	ND	10	1.2	µg/L	1		SW-846 8260D	5/1/23	5/2/23 6:14	MFF
Isopropylbenzene (Cumene)	ND	1.0	0.15	µg/L	1		SW-846 8260D	5/1/23	5/2/23 6:14	MFF
p-Isopropyltoluene (p-Cymene)	ND	1.0	0.13	µg/L	1		SW-846 8260D	5/1/23	5/2/23 6:14	MFF
Methyl Acetate	ND	1.0	0.61	µg/L	1	V-05	SW-846 8260D	5/1/23	5/2/23 6:14	MFF
Methyl tert-Butyl Ether (MTBE)	ND	1.0	0.17	µg/L	1		SW-846 8260D	5/1/23	5/2/23 6:14	MFF
Methyl Cyclohexane	ND	1.0	0.16	µg/L	1		SW-846 8260D	5/1/23	5/2/23 6:14	MFF
Methylene Chloride	ND	5.0	0.18	µg/L	1		SW-846 8260D	5/1/23	5/2/23 6:14	MFF
4-Methyl-2-pentanone (MIBK)	ND	10	1.3	µg/L	1		SW-846 8260D	5/1/23	5/2/23 6:14	MFF
Naphthalene	ND	2.0	0.38	µg/L	1		SW-846 8260D	5/1/23	5/2/23 6:14	MFF
n-Propylbenzene	ND	1.0	0.12	µg/L	1		SW-846 8260D	5/1/23	5/2/23 6:14	MFF
Styrene	ND	1.0	0.15	µg/L	1		SW-846 8260D	5/1/23	5/2/23 6:14	MFF
1,1,1,2-Tetrachloroethane	ND	1.0	0.16	µg/L	1		SW-846 8260D	5/1/23	5/2/23 6:14	MFF
1,1,2,2-Tetrachloroethane	ND	0.50	0.14	µg/L	1		SW-846 8260D	5/1/23	5/2/23 6:14	MFF
Tetrachloroethylene	4.4	1.0	0.17	µg/L	1		SW-846 8260D	5/1/23	5/2/23 6:14	MFF
Tetrahydrofuran	ND	10	0.49	µg/L	1		SW-846 8260D	5/1/23	5/2/23 6:14	MFF
Toluene	ND	1.0	0.22	µg/L	1		SW-846 8260D	5/1/23	5/2/23 6:14	MFF
1,2,3-Trichlorobenzene	ND	5.0	0.34	µg/L	1		SW-846 8260D	5/1/23	5/2/23 6:14	MFF
1,2,4-Trichlorobenzene	ND	1.0	0.30	µg/L	1		SW-846 8260D	5/1/23	5/2/23 6:14	MFF
1,3,5-Trichlorobenzene	ND	1.0	0.21	µg/L	1		SW-846 8260D	5/1/23	5/2/23 6:14	MFF
1,1,1-Trichloroethane	ND	1.0	0.15	µg/L	1		SW-846 8260D	5/1/23	5/2/23 6:14	MFF
1,1,2-Trichloroethane	ND	1.0	0.19	µg/L	1		SW-846 8260D	5/1/23	5/2/23 6:14	MFF
Trichloroethylene	0.59	1.0	0.17	µg/L	1	J	SW-846 8260D	5/1/23	5/2/23 6:14	MFF
Trichlorofluoromethane (Freon 11)	ND	2.0	0.15	µg/L	1		SW-846 8260D	5/1/23	5/2/23 6:14	MFF
1,2,3-Trichloropropane	ND	2.0	0.28	µg/L	1		SW-846 8260D	5/1/23	5/2/23 6:14	MFF
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	1.0	0.21	µg/L	1		SW-846 8260D	5/1/23	5/2/23 6:14	MFF
1,2,4-Trimethylbenzene	ND	1.0	0.20	µg/L	1		SW-846 8260D	5/1/23	5/2/23 6:14	MFF
1,3,5-Trimethylbenzene	ND	1.0	0.15	µg/L	1		SW-846 8260D	5/1/23	5/2/23 6:14	MFF
Vinyl Chloride	2.3	2.0	0.24	µg/L	1		SW-846 8260D	5/1/23	5/2/23 6:14	MFF
m+p Xylene	ND	2.0	0.49	µg/L	1		SW-846 8260D	5/1/23	5/2/23 6:14	MFF
o-Xylene	ND	1.0	0.24	µg/L	1		SW-846 8260D	5/1/23	5/2/23 6:14	MFF
Surrogates	% Recovery		Recovery Limits		Flag/Qual					
1,2-Dichloroethane-d4	99.7		70-130				5/2/23 6:14			
Toluene-d8	105		70-130				5/2/23 6:14			
4-Bromofluorobenzene	93.6		70-130				5/2/23 6:14			

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

Project Location: 63 West Merrick Rd., Lindenhurst

Sample Description:

Work Order: 23D3326

Date Received: 4/27/2023

Field Sample #: MW-B

Sampled: 4/25/2023 15:37

Sample ID: 23D3326-17

Sample Matrix: Ground Water

Volatile Organic Compounds by GC/MS (SIM)

Analyte	Results	RL	DL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
1,4-Dioxane	ND	2.0	1.7	µg/L	1		SW-846 8260D	5/4/23	5/7/23 18:10	EEH
Surrogates	% Recovery		Recovery Limits		Flag/Qual					
1,4-Dioxane-d8	87.2		40-160				5/7/23 18:10			

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

Project Location: 63 West Merrick Rd., Lindenhurst

Sample Description:

Work Order: 23D3326

Date Received: 4/27/2023

Field Sample #: TB-1

Sampled: 4/25/2023 07:00

Sample ID: 23D3326-18

Sample Matrix: Trip Blank 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	5/1/23	5/2/23 0:01	MFF
Acrylonitrile	ND	5.0	0.47	µg/L	1		SW-846 8260D	5/1/23	5/2/23 0:01	MFF
tert-Amyl Methyl Ether (TAME)	ND	0.50	0.13	µg/L	1		SW-846 8260D	5/1/23	5/2/23 0:01	MFF
Benzene	ND	1.0	0.18	µg/L	1		SW-846 8260D	5/1/23	5/2/23 0:01	MFF
Bromobenzene	ND	1.0	0.15	µg/L	1		SW-846 8260D	5/1/23	5/2/23 0:01	MFF
Bromochloromethane	ND	1.0	0.28	µg/L	1		SW-846 8260D	5/1/23	5/2/23 0:01	MFF
Bromodichloromethane	ND	0.50	0.16	µg/L	1		SW-846 8260D	5/1/23	5/2/23 0:01	MFF
Bromoform	ND	1.0	0.41	µg/L	1	V-05	SW-846 8260D	5/1/23	5/2/23 0:01	MFF
Bromomethane	ND	2.0	1.3	µg/L	1		SW-846 8260D	5/1/23	5/2/23 0:01	MFF
2-Butanone (MEK)	ND	20	1.7	µg/L	1		SW-846 8260D	5/1/23	5/2/23 0:01	MFF
tert-Butyl Alcohol (TBA)	ND	20	4.3	µg/L	1	V-05	SW-846 8260D	5/1/23	5/2/23 0:01	MFF
n-Butylbenzene	ND	1.0	0.15	µg/L	1		SW-846 8260D	5/1/23	5/2/23 0:01	MFF
sec-Butylbenzene	ND	1.0	0.13	µg/L	1		SW-846 8260D	5/1/23	5/2/23 0:01	MFF
tert-Butylbenzene	ND	1.0	0.14	µg/L	1		SW-846 8260D	5/1/23	5/2/23 0:01	MFF
tert-Butyl Ethyl Ether (TBEE)	ND	0.50	0.15	µg/L	1		SW-846 8260D	5/1/23	5/2/23 0:01	MFF
Carbon Disulfide	ND	5.0	1.6	µg/L	1		SW-846 8260D	5/1/23	5/2/23 0:01	MFF
Carbon Tetrachloride	ND	5.0	0.16	µg/L	1		SW-846 8260D	5/1/23	5/2/23 0:01	MFF
Chlorobenzene	ND	1.0	0.12	µg/L	1		SW-846 8260D	5/1/23	5/2/23 0:01	MFF
Chlorodibromomethane	ND	0.50	0.20	µg/L	1		SW-846 8260D	5/1/23	5/2/23 0:01	MFF
Chloroethane	ND	2.0	0.34	µg/L	1		SW-846 8260D	5/1/23	5/2/23 0:01	MFF
Chloroform	ND	2.0	0.14	µg/L	1		SW-846 8260D	5/1/23	5/2/23 0:01	MFF
Chloromethane	ND	2.0	0.50	µg/L	1		SW-846 8260D	5/1/23	5/2/23 0:01	MFF
2-Chlorotoluene	ND	1.0	0.15	µg/L	1		SW-846 8260D	5/1/23	5/2/23 0:01	MFF
4-Chlorotoluene	ND	1.0	0.15	µg/L	1		SW-846 8260D	5/1/23	5/2/23 0:01	MFF
1,2-Dibromo-3-chloropropane (DBCP)	ND	5.0	0.85	µg/L	1	V-05	SW-846 8260D	5/1/23	5/2/23 0:01	MFF
1,2-Dibromoethane (EDB)	ND	0.50	0.16	µg/L	1		SW-846 8260D	5/1/23	5/2/23 0:01	MFF
Dibromomethane	ND	1.0	0.32	µg/L	1		SW-846 8260D	5/1/23	5/2/23 0:01	MFF
1,2-Dichlorobenzene	ND	1.0	0.13	µg/L	1		SW-846 8260D	5/1/23	5/2/23 0:01	MFF
1,3-Dichlorobenzene	ND	1.0	0.14	µg/L	1		SW-846 8260D	5/1/23	5/2/23 0:01	MFF
1,4-Dichlorobenzene	ND	1.0	0.13	µg/L	1		SW-846 8260D	5/1/23	5/2/23 0:01	MFF
trans-1,4-Dichloro-2-butene	ND	2.0	1.5	µg/L	1	V-05	SW-846 8260D	5/1/23	5/2/23 0:01	MFF
Dichlorodifluoromethane (Freon 12)	ND	2.0	0.16	µg/L	1		SW-846 8260D	5/1/23	5/2/23 0:01	MFF
1,1-Dichloroethane	ND	1.0	0.14	µg/L	1		SW-846 8260D	5/1/23	5/2/23 0:01	MFF
1,2-Dichloroethane	ND	1.0	0.30	µg/L	1		SW-846 8260D	5/1/23	5/2/23 0:01	MFF
1,1-Dichloroethylene	ND	1.0	0.14	µg/L	1		SW-846 8260D	5/1/23	5/2/23 0:01	MFF
cis-1,2-Dichloroethylene	ND	1.0	0.14	µg/L	1		SW-846 8260D	5/1/23	5/2/23 0:01	MFF
trans-1,2-Dichloroethylene	ND	1.0	0.17	µg/L	1		SW-846 8260D	5/1/23	5/2/23 0:01	MFF
1,2-Dichloropropane	ND	1.0	0.19	µg/L	1		SW-846 8260D	5/1/23	5/2/23 0:01	MFF
1,3-Dichloropropane	ND	0.50	0.12	µg/L	1		SW-846 8260D	5/1/23	5/2/23 0:01	MFF
2,2-Dichloropropane	ND	1.0	0.35	µg/L	1	V-05	SW-846 8260D	5/1/23	5/2/23 0:01	MFF
1,1-Dichloropropene	ND	2.0	0.15	µg/L	1		SW-846 8260D	5/1/23	5/2/23 0:01	MFF
cis-1,3-Dichloropropene	ND	0.50	0.16	µg/L	1		SW-846 8260D	5/1/23	5/2/23 0:01	MFF
trans-1,3-Dichloropropene	ND	0.50	0.14	µg/L	1		SW-846 8260D	5/1/23	5/2/23 0:01	MFF
Diethyl Ether	ND	2.0	0.14	µg/L	1		SW-846 8260D	5/1/23	5/2/23 0:01	MFF

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

Project Location: 63 West Merrick Rd., Lindenhurst

Sample Description:

Work Order: 23D3326

Date Received: 4/27/2023

Field Sample #: TB-1

Sampled: 4/25/2023 07:00

Sample ID: 23D3326-18

Sample Matrix: Trip Blank 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	0.20	µg/L	1		SW-846 8260D	5/1/23	5/2/23 0:01	MFF
1,4-Dioxane	ND	50	18	µg/L	1		SW-846 8260D	5/1/23	5/2/23 0:01	MFF
Ethylbenzene	ND	1.0	0.22	µg/L	1		SW-846 8260D	5/1/23	5/2/23 0:01	MFF
Hexachlorobutadiene	ND	0.60	0.47	µg/L	1		SW-846 8260D	5/1/23	5/2/23 0:01	MFF
2-Hexanone (MBK)	ND	10	1.2	µg/L	1		SW-846 8260D	5/1/23	5/2/23 0:01	MFF
Isopropylbenzene (Cumene)	ND	1.0	0.15	µg/L	1		SW-846 8260D	5/1/23	5/2/23 0:01	MFF
p-Isopropyltoluene (p-Cymene)	ND	1.0	0.13	µg/L	1		SW-846 8260D	5/1/23	5/2/23 0:01	MFF
Methyl Acetate	ND	1.0	0.61	µg/L	1	V-05	SW-846 8260D	5/1/23	5/2/23 0:01	MFF
Methyl tert-Butyl Ether (MTBE)	ND	1.0	0.17	µg/L	1		SW-846 8260D	5/1/23	5/2/23 0:01	MFF
Methyl Cyclohexane	ND	1.0	0.16	µg/L	1		SW-846 8260D	5/1/23	5/2/23 0:01	MFF
Methylene Chloride	ND	5.0	0.18	µg/L	1		SW-846 8260D	5/1/23	5/2/23 0:01	MFF
4-Methyl-2-pentanone (MIBK)	ND	10	1.3	µg/L	1		SW-846 8260D	5/1/23	5/2/23 0:01	MFF
Naphthalene	ND	2.0	0.38	µg/L	1		SW-846 8260D	5/1/23	5/2/23 0:01	MFF
n-Propylbenzene	ND	1.0	0.12	µg/L	1		SW-846 8260D	5/1/23	5/2/23 0:01	MFF
Styrene	ND	1.0	0.15	µg/L	1		SW-846 8260D	5/1/23	5/2/23 0:01	MFF
1,1,1,2-Tetrachloroethane	ND	1.0	0.16	µg/L	1		SW-846 8260D	5/1/23	5/2/23 0:01	MFF
1,1,2,2-Tetrachloroethane	ND	0.50	0.14	µg/L	1		SW-846 8260D	5/1/23	5/2/23 0:01	MFF
Tetrachloroethylene	ND	1.0	0.17	µg/L	1		SW-846 8260D	5/1/23	5/2/23 0:01	MFF
Tetrahydrofuran	ND	10	0.49	µg/L	1		SW-846 8260D	5/1/23	5/2/23 0:01	MFF
Toluene	ND	1.0	0.22	µg/L	1		SW-846 8260D	5/1/23	5/2/23 0:01	MFF
1,2,3-Trichlorobenzene	ND	5.0	0.34	µg/L	1		SW-846 8260D	5/1/23	5/2/23 0:01	MFF
1,2,4-Trichlorobenzene	ND	1.0	0.30	µg/L	1		SW-846 8260D	5/1/23	5/2/23 0:01	MFF
1,3,5-Trichlorobenzene	ND	1.0	0.21	µg/L	1		SW-846 8260D	5/1/23	5/2/23 0:01	MFF
1,1,1-Trichloroethane	ND	1.0	0.15	µg/L	1		SW-846 8260D	5/1/23	5/2/23 0:01	MFF
1,1,2-Trichloroethane	ND	1.0	0.19	µg/L	1		SW-846 8260D	5/1/23	5/2/23 0:01	MFF
Trichloroethylene	ND	1.0	0.17	µg/L	1		SW-846 8260D	5/1/23	5/2/23 0:01	MFF
Trichlorofluoromethane (Freon 11)	ND	2.0	0.15	µg/L	1		SW-846 8260D	5/1/23	5/2/23 0:01	MFF
1,2,3-Trichloropropane	ND	2.0	0.28	µg/L	1		SW-846 8260D	5/1/23	5/2/23 0:01	MFF
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	1.0	0.21	µg/L	1		SW-846 8260D	5/1/23	5/2/23 0:01	MFF
1,2,4-Trimethylbenzene	ND	1.0	0.20	µg/L	1		SW-846 8260D	5/1/23	5/2/23 0:01	MFF
1,3,5-Trimethylbenzene	ND	1.0	0.15	µg/L	1		SW-846 8260D	5/1/23	5/2/23 0:01	MFF
Vinyl Chloride	ND	2.0	0.24	µg/L	1		SW-846 8260D	5/1/23	5/2/23 0:01	MFF
m+p Xylene	ND	2.0	0.49	µg/L	1		SW-846 8260D	5/1/23	5/2/23 0:01	MFF
o-Xylene	ND	1.0	0.24	µg/L	1		SW-846 8260D	5/1/23	5/2/23 0:01	MFF
Surrogates	% Recovery		Recovery Limits		Flag/Qual					
1,2-Dichloroethane-d4	98.0		70-130				5/2/23 0:01			
Toluene-d8	99.0		70-130				5/2/23 0:01			
4-Bromofluorobenzene	95.8		70-130				5/2/23 0:01			

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

Project Location: 63 West Merrick Rd., Lindenhurst

Sample Description:

Work Order: 23D3326

Date Received: 4/27/2023

Field Sample #: TB-1

Sampled: 4/25/2023 07:00

Sample ID: 23D3326-18

Sample Matrix: Trip Blank Water

Volatile Organic Compounds by GC/MS (SIM)

Analyte	Results	RL	DL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
1,4-Dioxane	ND	2.0	1.7	µg/L	1		SW-846 8260D	5/4/23	5/7/23 18:37	EEH
Surrogates	% Recovery		Recovery Limits		Flag/Qual					
1,4-Dioxane-d8	85.9		40-160				5/7/23 18:37			

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

Project Location: 63 West Merrick Rd., Lindenhurst

Sample Description:

Work Order: 23D3326

Date Received: 4/27/2023

Field Sample #: TB-2

Sampled: 4/26/2023 07:30

Sample ID: 23D3326-19

Sample Matrix: Trip Blank 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	5/1/23	5/2/23 0:28	MFF
Acrylonitrile	ND	5.0	0.47	µg/L	1		SW-846 8260D	5/1/23	5/2/23 0:28	MFF
tert-Amyl Methyl Ether (TAME)	ND	0.50	0.13	µg/L	1		SW-846 8260D	5/1/23	5/2/23 0:28	MFF
Benzene	ND	1.0	0.18	µg/L	1		SW-846 8260D	5/1/23	5/2/23 0:28	MFF
Bromobenzene	ND	1.0	0.15	µg/L	1		SW-846 8260D	5/1/23	5/2/23 0:28	MFF
Bromochloromethane	ND	1.0	0.28	µg/L	1		SW-846 8260D	5/1/23	5/2/23 0:28	MFF
Bromodichloromethane	ND	0.50	0.16	µg/L	1		SW-846 8260D	5/1/23	5/2/23 0:28	MFF
Bromoform	ND	1.0	0.41	µg/L	1	V-05	SW-846 8260D	5/1/23	5/2/23 0:28	MFF
Bromomethane	ND	2.0	1.3	µg/L	1		SW-846 8260D	5/1/23	5/2/23 0:28	MFF
2-Butanone (MEK)	ND	20	1.7	µg/L	1		SW-846 8260D	5/1/23	5/2/23 0:28	MFF
tert-Butyl Alcohol (TBA)	ND	20	4.3	µg/L	1	V-05	SW-846 8260D	5/1/23	5/2/23 0:28	MFF
n-Butylbenzene	ND	1.0	0.15	µg/L	1		SW-846 8260D	5/1/23	5/2/23 0:28	MFF
sec-Butylbenzene	ND	1.0	0.13	µg/L	1		SW-846 8260D	5/1/23	5/2/23 0:28	MFF
tert-Butylbenzene	ND	1.0	0.14	µg/L	1		SW-846 8260D	5/1/23	5/2/23 0:28	MFF
tert-Butyl Ethyl Ether (TBEE)	ND	0.50	0.15	µg/L	1		SW-846 8260D	5/1/23	5/2/23 0:28	MFF
Carbon Disulfide	ND	5.0	1.6	µg/L	1		SW-846 8260D	5/1/23	5/2/23 0:28	MFF
Carbon Tetrachloride	ND	5.0	0.16	µg/L	1		SW-846 8260D	5/1/23	5/2/23 0:28	MFF
Chlorobenzene	ND	1.0	0.12	µg/L	1		SW-846 8260D	5/1/23	5/2/23 0:28	MFF
Chlorodibromomethane	ND	0.50	0.20	µg/L	1		SW-846 8260D	5/1/23	5/2/23 0:28	MFF
Chloroethane	ND	2.0	0.34	µg/L	1		SW-846 8260D	5/1/23	5/2/23 0:28	MFF
Chloroform	ND	2.0	0.14	µg/L	1		SW-846 8260D	5/1/23	5/2/23 0:28	MFF
Chloromethane	ND	2.0	0.50	µg/L	1		SW-846 8260D	5/1/23	5/2/23 0:28	MFF
2-Chlorotoluene	ND	1.0	0.15	µg/L	1		SW-846 8260D	5/1/23	5/2/23 0:28	MFF
4-Chlorotoluene	ND	1.0	0.15	µg/L	1		SW-846 8260D	5/1/23	5/2/23 0:28	MFF
1,2-Dibromo-3-chloropropane (DBCP)	ND	5.0	0.85	µg/L	1	V-05	SW-846 8260D	5/1/23	5/2/23 0:28	MFF
1,2-Dibromoethane (EDB)	ND	0.50	0.16	µg/L	1		SW-846 8260D	5/1/23	5/2/23 0:28	MFF
Dibromomethane	ND	1.0	0.32	µg/L	1		SW-846 8260D	5/1/23	5/2/23 0:28	MFF
1,2-Dichlorobenzene	ND	1.0	0.13	µg/L	1		SW-846 8260D	5/1/23	5/2/23 0:28	MFF
1,3-Dichlorobenzene	ND	1.0	0.14	µg/L	1		SW-846 8260D	5/1/23	5/2/23 0:28	MFF
1,4-Dichlorobenzene	ND	1.0	0.13	µg/L	1		SW-846 8260D	5/1/23	5/2/23 0:28	MFF
trans-1,4-Dichloro-2-butene	ND	2.0	1.5	µg/L	1	V-05	SW-846 8260D	5/1/23	5/2/23 0:28	MFF
Dichlorodifluoromethane (Freon 12)	ND	2.0	0.16	µg/L	1		SW-846 8260D	5/1/23	5/2/23 0:28	MFF
1,1-Dichloroethane	ND	1.0	0.14	µg/L	1		SW-846 8260D	5/1/23	5/2/23 0:28	MFF
1,2-Dichloroethane	ND	1.0	0.30	µg/L	1		SW-846 8260D	5/1/23	5/2/23 0:28	MFF
1,1-Dichloroethylene	ND	1.0	0.14	µg/L	1		SW-846 8260D	5/1/23	5/2/23 0:28	MFF
cis-1,2-Dichloroethylene	ND	1.0	0.14	µg/L	1		SW-846 8260D	5/1/23	5/2/23 0:28	MFF
trans-1,2-Dichloroethylene	ND	1.0	0.17	µg/L	1		SW-846 8260D	5/1/23	5/2/23 0:28	MFF
1,2-Dichloropropane	ND	1.0	0.19	µg/L	1		SW-846 8260D	5/1/23	5/2/23 0:28	MFF
1,3-Dichloropropane	ND	0.50	0.12	µg/L	1		SW-846 8260D	5/1/23	5/2/23 0:28	MFF
2,2-Dichloropropane	ND	1.0	0.35	µg/L	1	V-05	SW-846 8260D	5/1/23	5/2/23 0:28	MFF
1,1-Dichloropropene	ND	2.0	0.15	µg/L	1		SW-846 8260D	5/1/23	5/2/23 0:28	MFF
cis-1,3-Dichloropropene	ND	0.50	0.16	µg/L	1		SW-846 8260D	5/1/23	5/2/23 0:28	MFF
trans-1,3-Dichloropropene	ND	0.50	0.14	µg/L	1		SW-846 8260D	5/1/23	5/2/23 0:28	MFF
Diethyl Ether	ND	2.0	0.14	µg/L	1		SW-846 8260D	5/1/23	5/2/23 0:28	MFF

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

Project Location: 63 West Merrick Rd., Lindenhurst

Sample Description:

Work Order: 23D3326

Date Received: 4/27/2023

Field Sample #: TB-2

Sampled: 4/26/2023 07:30

Sample ID: 23D3326-19

Sample Matrix: Trip Blank 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	0.20	µg/L	1		SW-846 8260D	5/1/23	5/2/23 0:28	MFF
1,4-Dioxane	ND	50	18	µg/L	1		SW-846 8260D	5/1/23	5/2/23 0:28	MFF
Ethylbenzene	ND	1.0	0.22	µg/L	1		SW-846 8260D	5/1/23	5/2/23 0:28	MFF
Hexachlorobutadiene	ND	0.60	0.47	µg/L	1		SW-846 8260D	5/1/23	5/2/23 0:28	MFF
2-Hexanone (MBK)	ND	10	1.2	µg/L	1		SW-846 8260D	5/1/23	5/2/23 0:28	MFF
Isopropylbenzene (Cumene)	ND	1.0	0.15	µg/L	1		SW-846 8260D	5/1/23	5/2/23 0:28	MFF
p-Isopropyltoluene (p-Cymene)	ND	1.0	0.13	µg/L	1		SW-846 8260D	5/1/23	5/2/23 0:28	MFF
Methyl Acetate	ND	1.0	0.61	µg/L	1	V-05	SW-846 8260D	5/1/23	5/2/23 0:28	MFF
Methyl tert-Butyl Ether (MTBE)	ND	1.0	0.17	µg/L	1		SW-846 8260D	5/1/23	5/2/23 0:28	MFF
Methyl Cyclohexane	ND	1.0	0.16	µg/L	1		SW-846 8260D	5/1/23	5/2/23 0:28	MFF
Methylene Chloride	ND	5.0	0.18	µg/L	1		SW-846 8260D	5/1/23	5/2/23 0:28	MFF
4-Methyl-2-pentanone (MIBK)	ND	10	1.3	µg/L	1		SW-846 8260D	5/1/23	5/2/23 0:28	MFF
Naphthalene	ND	2.0	0.38	µg/L	1		SW-846 8260D	5/1/23	5/2/23 0:28	MFF
n-Propylbenzene	ND	1.0	0.12	µg/L	1		SW-846 8260D	5/1/23	5/2/23 0:28	MFF
Styrene	ND	1.0	0.15	µg/L	1		SW-846 8260D	5/1/23	5/2/23 0:28	MFF
1,1,1,2-Tetrachloroethane	ND	1.0	0.16	µg/L	1		SW-846 8260D	5/1/23	5/2/23 0:28	MFF
1,1,2,2-Tetrachloroethane	ND	0.50	0.14	µg/L	1		SW-846 8260D	5/1/23	5/2/23 0:28	MFF
Tetrachloroethylene	ND	1.0	0.17	µg/L	1		SW-846 8260D	5/1/23	5/2/23 0:28	MFF
Tetrahydrofuran	ND	10	0.49	µg/L	1		SW-846 8260D	5/1/23	5/2/23 0:28	MFF
Toluene	ND	1.0	0.22	µg/L	1		SW-846 8260D	5/1/23	5/2/23 0:28	MFF
1,2,3-Trichlorobenzene	ND	5.0	0.34	µg/L	1		SW-846 8260D	5/1/23	5/2/23 0:28	MFF
1,2,4-Trichlorobenzene	ND	1.0	0.30	µg/L	1		SW-846 8260D	5/1/23	5/2/23 0:28	MFF
1,3,5-Trichlorobenzene	ND	1.0	0.21	µg/L	1		SW-846 8260D	5/1/23	5/2/23 0:28	MFF
1,1,1-Trichloroethane	ND	1.0	0.15	µg/L	1		SW-846 8260D	5/1/23	5/2/23 0:28	MFF
1,1,2-Trichloroethane	ND	1.0	0.19	µg/L	1		SW-846 8260D	5/1/23	5/2/23 0:28	MFF
Trichloroethylene	ND	1.0	0.17	µg/L	1		SW-846 8260D	5/1/23	5/2/23 0:28	MFF
Trichlorofluoromethane (Freon 11)	ND	2.0	0.15	µg/L	1		SW-846 8260D	5/1/23	5/2/23 0:28	MFF
1,2,3-Trichloropropane	ND	2.0	0.28	µg/L	1		SW-846 8260D	5/1/23	5/2/23 0:28	MFF
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	1.0	0.21	µg/L	1		SW-846 8260D	5/1/23	5/2/23 0:28	MFF
1,2,4-Trimethylbenzene	ND	1.0	0.20	µg/L	1		SW-846 8260D	5/1/23	5/2/23 0:28	MFF
1,3,5-Trimethylbenzene	ND	1.0	0.15	µg/L	1		SW-846 8260D	5/1/23	5/2/23 0:28	MFF
Vinyl Chloride	ND	2.0	0.24	µg/L	1		SW-846 8260D	5/1/23	5/2/23 0:28	MFF
m+p Xylene	ND	2.0	0.49	µg/L	1		SW-846 8260D	5/1/23	5/2/23 0:28	MFF
o-Xylene	ND	1.0	0.24	µg/L	1		SW-846 8260D	5/1/23	5/2/23 0:28	MFF
Surrogates	% Recovery		Recovery Limits		Flag/Qual					
1,2-Dichloroethane-d4	91.9		70-130				5/2/23 0:28			
Toluene-d8	104		70-130				5/2/23 0:28			
4-Bromofluorobenzene	94.1		70-130				5/2/23 0:28			

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

Project Location: 63 West Merrick Rd., Lindenhurst

Sample Description:

Work Order: 23D3326

Date Received: 4/27/2023

Field Sample #: TB-2

Sampled: 4/26/2023 07:30

Sample ID: 23D3326-19

Sample Matrix: Trip Blank Water

Volatile Organic Compounds by GC/MS (SIM)

Analyte	Results	RL	DL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
1,4-Dioxane	ND	2.0	1.7	µg/L	1		SW-846 8260D	5/4/23	5/7/23 19:03	EEH
Surrogates	% Recovery		Recovery Limits		Flag/Qual					
1,4-Dioxane-d8	101		40-160				5/7/23 19:03			

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

Sample Extraction Data

Prep Method: SW-846 3005A Analytical Method: SW-846 6010D

Lab Number [Field ID]	Batch	Initial [mL]	Final [mL]	Date
23D3326-14 [RW-1]	B339211	50.0	50.0	05/01/23
23D3326-15 [RW-2]	B339211	50.0	50.0	05/01/23
23D3326-16 [MW-A]	B339211	50.0	50.0	05/01/23

Prep Method: SW-846 7470A Prep Analytical Method: SW-846 7470A

Lab Number [Field ID]	Batch	Initial [mL]	Final [mL]	Date
23D3326-16 [MW-A]	B339191	10.0	10.0	05/02/23

Prep Method: SW-846 7470A Prep Analytical Method: SW-846 7470A

Lab Number [Field ID]	Batch	Initial [mL]	Final [mL]	Date
23D3326-14 [RW-1]	B339300	10.0	10.0	05/05/23
23D3326-15 [RW-2]	B339300	10.0	10.0	05/05/23

Prep Method: SW-846 5030B Analytical Method: SW-846 8260D

Lab Number [Field ID]	Batch	Initial [mL]	Final [mL]	Date
23D3326-01 [MW-2S]	B338774	5	5.00	05/01/23
23D3326-02 [MW-4D]	B338774	2.5	5.00	05/01/23
23D3326-03 [MW-5S]	B338774	5	5.00	05/01/23
23D3326-04 [MW-101]	B338774	5	5.00	05/01/23
23D3326-05 [MW-102]	B338774	5	5.00	05/01/23

Prep Method: SW-846 5030B Analytical Method: SW-846 8260D

Lab Number [Field ID]	Batch	Initial [mL]	Final [mL]	Date
23D3326-06 [MW-103]	B338780	5	5.00	05/01/23
23D3326-07 [MW-104]	B338780	5	5.00	05/01/23
23D3326-08 [MW-105]	B338780	5	5.00	05/01/23
23D3326-09 [MW-106]	B338780	5	5.00	05/01/23
23D3326-10 [MW-107]	B338780	5	5.00	05/01/23
23D3326-11 [MW-108]	B338780	5	5.00	05/01/23
23D3326-12 [MW-109]	B338780	5	5.00	05/01/23
23D3326-13 [MW-111]	B338780	5	5.00	05/01/23
23D3326-14 [RW-1]	B338780	5	5.00	05/01/23
23D3326-15 [RW-2]	B338780	2.5	5.00	05/01/23
23D3326-16 [MW-A]	B338780	2.5	5.00	05/01/23
23D3326-17 [MW-B]	B338780	5	5.00	05/01/23
23D3326-18 [TB-1]	B338780	5	5.00	05/01/23
23D3326-19 [TB-2]	B338780	5	5.00	05/01/23

Prep Method: SW-846 5035 Analytical Method: SW-846 8260D

Lab Number [Field ID]	Batch	Initial [mL]	Final [mL]	Date
23D3326-01 [MW-2S]	B339281	5	5.00	05/04/23
23D3326-02 [MW-4D]	B339281	5	5.00	05/04/23
23D3326-03 [MW-5S]	B339281	5	5.00	05/04/23
23D3326-04 [MW-101]	B339281	5	5.00	05/04/23

39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332**Sample Extraction Data****Prep Method: SW-846 5035 Analytical Method: SW-846 8260D**

Lab Number [Field ID]	Batch	Initial [mL]	Final [mL]	Date
23D3326-05 [MW-102]	B339281	5	5.00	05/04/23
23D3326-07 [MW-104]	B339281	5	5.00	05/04/23
23D3326-08 [MW-105]	B339281	5	5.00	05/04/23
23D3326-09 [MW-106]	B339281	5	5.00	05/04/23
23D3326-10 [MW-107]	B339281	5	5.00	05/04/23
23D3326-11 [MW-108]	B339281	5	5.00	05/04/23
23D3326-12 [MW-109]	B339281	5	5.00	05/04/23
23D3326-13 [MW-111]	B339281	5	5.00	05/04/23
23D3326-14 [RW-1]	B339281	5	5.00	05/04/23
23D3326-15 [RW-2]	B339281	5	5.00	05/04/23
23D3326-16 [MW-A]	B339281	5	5.00	05/04/23
23D3326-17 [MW-B]	B339281	5	5.00	05/04/23
23D3326-18 [TB-1]	B339281	5	5.00	05/04/23
23D3326-19 [TB-2]	B339281	5	5.00	05/04/23

Prep Method: SW-846 5035 Analytical Method: SW-846 8260D

Lab Number [Field ID]	Batch	Initial [mL]	Final [mL]	Date
23D3326-06 [MW-103]	B339590	5	5.00	05/08/23

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
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Batch B338774 - SW-846 5030B
Blank (B338774-BLK1)

Prepared & Analyzed: 05/01/23

Acetone	ND	50	µg/L							
Acrylonitrile	ND	5.0	µg/L							
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							V-05
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	0.60	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							

V-05

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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
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Batch B338774 - SW-846 5030B
Blank (B338774-BLK1)

Prepared & Analyzed: 05/01/23

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							V-05
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	27.1		µg/L	25.0		108	70-130			
Surrogate: Toluene-d8	24.7		µg/L	25.0		98.7	70-130			
Surrogate: 4-Bromofluorobenzene	24.1		µg/L	25.0		96.4	70-130			

LCS (B338774-BS1)

Prepared & Analyzed: 05/01/23

Acetone	104	50	µg/L	100		104	70-160			†
Acrylonitrile	9.89	5.0	µg/L	10.0		98.9	70-130			
tert-Amyl Methyl Ether (TAME)	9.89	0.50	µg/L	10.0		98.9	70-130			
Benzene	9.76	1.0	µg/L	10.0		97.6	70-130			
Bromobenzene	9.38	1.0	µg/L	10.0		93.8	70-130			
Bromochloromethane	10.8	1.0	µg/L	10.0		108	70-130			
Bromodichloromethane	9.88	0.50	µg/L	10.0		98.8	70-130			
Bromoform	8.02	1.0	µg/L	10.0		80.2	70-130			
Bromomethane	12.8	2.0	µg/L	10.0		128	40-160			†
2-Butanone (MEK)	107	20	µg/L	100		107	40-160			†
tert-Butyl Alcohol (TBA)	81.7	20	µg/L	100		81.7	40-160			V-05 †
n-Butylbenzene	10.1	1.0	µg/L	10.0		101	70-130			
sec-Butylbenzene	9.32	1.0	µg/L	10.0		93.2	70-130			
tert-Butylbenzene	9.42	1.0	µg/L	10.0		94.2	70-130			
tert-Butyl Ethyl Ether (TBEE)	10.2	0.50	µg/L	10.0		102	70-130			
Carbon Disulfide	99.2	5.0	µg/L	100		99.2	70-130			
Carbon Tetrachloride	10.2	5.0	µg/L	10.0		102	70-130			
Chlorobenzene	9.39	1.0	µg/L	10.0		93.9	70-130			
Chlorodibromomethane	9.01	0.50	µg/L	10.0		90.1	70-130			
Chloroethane	8.84	2.0	µg/L	10.0		88.4	70-130			
Chloroform	9.98	2.0	µg/L	10.0		99.8	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 B338774 - SW-846 5030B										
LCS (B338774-BS1)				Prepared & Analyzed: 05/01/23						
Chloromethane	9.66	2.0	µg/L	10.0		96.6	40-160			†
2-Chlorotoluene	9.13	1.0	µg/L	10.0		91.3	70-130			
4-Chlorotoluene	9.29	1.0	µg/L	10.0		92.9	70-130			
1,2-Dibromo-3-chloropropane (DBCP)	8.40	5.0	µg/L	10.0		84.0	70-130			
1,2-Dibromoethane (EDB)	10.1	0.50	µg/L	10.0		101	70-130			
Dibromomethane	9.57	1.0	µg/L	10.0		95.7	70-130			
1,2-Dichlorobenzene	9.87	1.0	µg/L	10.0		98.7	70-130			
1,3-Dichlorobenzene	9.63	1.0	µg/L	10.0		96.3	70-130			
1,4-Dichlorobenzene	9.86	1.0	µg/L	10.0		98.6	70-130			
trans-1,4-Dichloro-2-butene	8.59	2.0	µg/L	10.0		85.9	70-130			
Dichlorodifluoromethane (Freon 12)	13.5	2.0	µg/L	10.0		135	40-160			V-20 †
1,1-Dichloroethane	9.69	1.0	µg/L	10.0		96.9	70-130			
1,2-Dichloroethane	11.0	1.0	µg/L	10.0		110	70-130			
1,1-Dichloroethylene	9.95	1.0	µg/L	10.0		99.5	70-130			
cis-1,2-Dichloroethylene	9.92	1.0	µg/L	10.0		99.2	70-130			
trans-1,2-Dichloroethylene	9.66	1.0	µg/L	10.0		96.6	70-130			
1,2-Dichloropropane	9.93	1.0	µg/L	10.0		99.3	70-130			
1,3-Dichloropropane	10.3	0.50	µg/L	10.0		103	70-130			
2,2-Dichloropropane	10.2	1.0	µg/L	10.0		102	40-130			†
1,1-Dichloropropene	9.87	2.0	µg/L	10.0		98.7	70-130			
cis-1,3-Dichloropropene	9.08	0.50	µg/L	10.0		90.8	70-130			
trans-1,3-Dichloropropene	9.32	0.50	µg/L	10.0		93.2	70-130			
Diethyl Ether	10.1	2.0	µg/L	10.0		101	70-130			
Diisopropyl Ether (DIPE)	10.3	0.50	µg/L	10.0		103	70-130			
1,4-Dioxane	87.4	50	µg/L	100		87.4	40-130			†
Ethylbenzene	9.54	1.0	µg/L	10.0		95.4	70-130			
Hexachlorobutadiene	11.2	0.60	µg/L	10.0		112	70-130			
2-Hexanone (MBK)	102	10	µg/L	100		102	70-160			†
Isopropylbenzene (Cumene)	9.27	1.0	µg/L	10.0		92.7	70-130			
p-Isopropyltoluene (p-Cymene)	9.65	1.0	µg/L	10.0		96.5	70-130			
Methyl Acetate	7.96	1.0	µg/L	10.0		79.6	70-130			V-05
Methyl tert-Butyl Ether (MTBE)	9.89	1.0	µg/L	10.0		98.9	70-130			
Methyl Cyclohexane	11.3	1.0	µg/L	10.0		113	70-130			
Methylene Chloride	9.62	5.0	µg/L	10.0		96.2	70-130			
4-Methyl-2-pentanone (MIBK)	94.2	10	µg/L	100		94.2	70-160			†
Naphthalene	7.95	2.0	µg/L	10.0		79.5	40-130			V-05 †
n-Propylbenzene	9.73	1.0	µg/L	10.0		97.3	70-130			
Styrene	9.09	1.0	µg/L	10.0		90.9	70-130			
1,1,1,2-Tetrachloroethane	9.68	1.0	µg/L	10.0		96.8	70-130			
1,1,2,2-Tetrachloroethane	8.71	0.50	µg/L	10.0		87.1	70-130			
Tetrachloroethylene	10.7	1.0	µg/L	10.0		107	70-130			
Tetrahydrofuran	10.3	10	µg/L	10.0		103	70-130			
Toluene	9.35	1.0	µg/L	10.0		93.5	70-130			
1,2,3-Trichlorobenzene	9.46	5.0	µg/L	10.0		94.6	70-130			
1,2,4-Trichlorobenzene	9.83	1.0	µg/L	10.0		98.3	70-130			
1,3,5-Trichlorobenzene	10.8	1.0	µg/L	10.0		108	70-130			
1,1,1-Trichloroethane	10.2	1.0	µg/L	10.0		102	70-130			
1,1,2-Trichloroethane	10.3	1.0	µg/L	10.0		103	70-130			
Trichloroethylene	10.1	1.0	µg/L	10.0		101	70-130			
Trichlorofluoromethane (Freon 11)	10.7	2.0	µg/L	10.0		107	70-130			
1,2,3-Trichloropropane	8.65	2.0	µg/L	10.0		86.5	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 B338774 - SW-846 5030B										
LCS (B338774-BS1)										
Prepared & Analyzed: 05/01/23										
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	10.6	1.0	µg/L	10.0		106	70-130			
1,2,4-Trimethylbenzene	9.27	1.0	µg/L	10.0		92.7	70-130			
1,3,5-Trimethylbenzene	9.31	1.0	µg/L	10.0		93.1	70-130			
Vinyl Chloride	11.4	2.0	µg/L	10.0		114	40-160			†
m+p Xylene	19.5	2.0	µg/L	20.0		97.4	70-130			
o-Xylene	9.17	1.0	µg/L	10.0		91.7	70-130			
Surrogate: 1,2-Dichloroethane-d4	27.6		µg/L	25.0		110	70-130			
Surrogate: Toluene-d8	24.5		µg/L	25.0		97.9	70-130			
Surrogate: 4-Bromofluorobenzene	24.2		µg/L	25.0		96.8	70-130			
LCS Dup (B338774-BSD1)										
Prepared & Analyzed: 05/01/23										
Acetone	92.8	50	µg/L	100		92.8	70-160	11.7	25	†
Acrylonitrile	8.76	5.0	µg/L	10.0		87.6	70-130	12.1	25	
tert-Amyl Methyl Ether (TAME)	9.57	0.50	µg/L	10.0		95.7	70-130	3.29	25	
Benzene	9.55	1.0	µg/L	10.0		95.5	70-130	2.18	25	
Bromobenzene	9.19	1.0	µg/L	10.0		91.9	70-130	2.05	25	
Bromochloromethane	10.6	1.0	µg/L	10.0		106	70-130	1.78	25	
Bromodichloromethane	10.4	0.50	µg/L	10.0		104	70-130	5.03	25	
Bromoform	7.30	1.0	µg/L	10.0		73.0	70-130	9.40	25	
Bromomethane	10.8	2.0	µg/L	10.0		108	40-160	16.6	25	†
2-Butanone (MEK)	97.5	20	µg/L	100		97.5	40-160	9.65	25	†
tert-Butyl Alcohol (TBA)	73.8	20	µg/L	100		73.8	40-160	10.1	25	†
n-Butylbenzene	9.92	1.0	µg/L	10.0		99.2	70-130	1.50	25	
sec-Butylbenzene	9.46	1.0	µg/L	10.0		94.6	70-130	1.49	25	
tert-Butylbenzene	9.37	1.0	µg/L	10.0		93.7	70-130	0.532	25	
tert-Butyl Ethyl Ether (TBEE)	9.59	0.50	µg/L	10.0		95.9	70-130	5.87	25	
Carbon Disulfide	93.1	5.0	µg/L	100		93.1	70-130	6.26	25	
Carbon Tetrachloride	9.58	5.0	µg/L	10.0		95.8	70-130	6.37	25	
Chlorobenzene	9.22	1.0	µg/L	10.0		92.2	70-130	1.83	25	
Chlorodibromomethane	9.38	0.50	µg/L	10.0		93.8	70-130	4.02	25	
Chloroethane	8.82	2.0	µg/L	10.0		88.2	70-130	0.227	25	
Chloroform	9.69	2.0	µg/L	10.0		96.9	70-130	2.95	25	
Chloromethane	9.52	2.0	µg/L	10.0		95.2	40-160	1.46	25	†
2-Chlorotoluene	9.05	1.0	µg/L	10.0		90.5	70-130	0.880	25	
4-Chlorotoluene	9.06	1.0	µg/L	10.0		90.6	70-130	2.51	25	
1,2-Dibromo-3-chloropropane (DBCP)	8.14	5.0	µg/L	10.0		81.4	70-130	3.14	25	
1,2-Dibromoethane (EDB)	10.3	0.50	µg/L	10.0		103	70-130	2.25	25	
Dibromomethane	10.0	1.0	µg/L	10.0		100	70-130	4.69	25	
1,2-Dichlorobenzene	9.80	1.0	µg/L	10.0		98.0	70-130	0.712	25	
1,3-Dichlorobenzene	10.0	1.0	µg/L	10.0		100	70-130	4.07	25	
1,4-Dichlorobenzene	9.42	1.0	µg/L	10.0		94.2	70-130	4.56	25	
trans-1,4-Dichloro-2-butene	7.95	2.0	µg/L	10.0		79.5	70-130	7.74	25	
Dichlorodifluoromethane (Freon 12)	12.8	2.0	µg/L	10.0		128	40-160	5.71	25	†
1,1-Dichloroethane	9.42	1.0	µg/L	10.0		94.2	70-130	2.83	25	
1,2-Dichloroethane	10.9	1.0	µg/L	10.0		109	70-130	0.823	25	
1,1-Dichloroethylene	9.36	1.0	µg/L	10.0		93.6	70-130	6.11	25	
cis-1,2-Dichloroethylene	9.50	1.0	µg/L	10.0		95.0	70-130	4.33	25	
trans-1,2-Dichloroethylene	9.11	1.0	µg/L	10.0		91.1	70-130	5.86	25	
1,2-Dichloropropane	10.4	1.0	µg/L	10.0		104	70-130	4.62	25	
1,3-Dichloropropane	10.4	0.50	µg/L	10.0		104	70-130	0.772	25	
2,2-Dichloropropane	9.49	1.0	µg/L	10.0		94.9	40-130	6.82	25	†
1,1-Dichloropropene	9.18	2.0	µg/L	10.0		91.8	70-130	7.24	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
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Batch B338774 - SW-846 5030B
LCS Dup (B338774-BSD1)

Prepared & Analyzed: 05/01/23

cis-1,3-Dichloropropene	9.50	0.50	µg/L	10.0		95.0	70-130	4.52	25	
trans-1,3-Dichloropropene	9.70	0.50	µg/L	10.0		97.0	70-130	4.00	25	
Diethyl Ether	9.53	2.0	µg/L	10.0		95.3	70-130	6.10	25	
Diisopropyl Ether (DIPE)	9.92	0.50	µg/L	10.0		99.2	70-130	4.15	25	
1,4-Dioxane	81.1	50	µg/L	100		81.1	40-130	7.47	50	† ‡
Ethylbenzene	9.21	1.0	µg/L	10.0		92.1	70-130	3.52	25	
Hexachlorobutadiene	10.9	0.60	µg/L	10.0		109	70-130	3.08	25	
2-Hexanone (MBK)	98.3	10	µg/L	100		98.3	70-160	3.53	25	†
Isopropylbenzene (Cumene)	8.99	1.0	µg/L	10.0		89.9	70-130	3.07	25	
p-Isopropyltoluene (p-Cymene)	9.36	1.0	µg/L	10.0		93.6	70-130	3.05	25	
Methyl Acetate	7.88	1.0	µg/L	10.0		78.8	70-130	1.01	25	V-05
Methyl tert-Butyl Ether (MTBE)	9.35	1.0	µg/L	10.0		93.5	70-130	5.61	25	
Methyl Cyclohexane	11.0	1.0	µg/L	10.0		110	70-130	2.42	25	
Methylene Chloride	9.03	5.0	µg/L	10.0		90.3	70-130	6.33	25	
4-Methyl-2-pentanone (MIBK)	100	10	µg/L	100		100	70-160	6.30	25	†
Naphthalene	7.51	2.0	µg/L	10.0		75.1	40-130	5.69	25	V-05 †
n-Propylbenzene	9.14	1.0	µg/L	10.0		91.4	70-130	6.25	25	
Styrene	9.23	1.0	µg/L	10.0		92.3	70-130	1.53	25	
1,1,1,2-Tetrachloroethane	9.49	1.0	µg/L	10.0		94.9	70-130	1.98	25	
1,1,2,2-Tetrachloroethane	8.65	0.50	µg/L	10.0		86.5	70-130	0.691	25	
Tetrachloroethylene	10.4	1.0	µg/L	10.0		104	70-130	3.61	25	
Tetrahydrofuran	10.2	10	µg/L	10.0		102	70-130	1.27	25	
Toluene	10.2	1.0	µg/L	10.0		102	70-130	8.89	25	
1,2,3-Trichlorobenzene	9.18	5.0	µg/L	10.0		91.8	70-130	3.00	25	
1,2,4-Trichlorobenzene	9.00	1.0	µg/L	10.0		90.0	70-130	8.82	25	
1,3,5-Trichlorobenzene	10.9	1.0	µg/L	10.0		109	70-130	0.647	25	
1,1,1-Trichloroethane	9.73	1.0	µg/L	10.0		97.3	70-130	4.62	25	
1,1,2-Trichloroethane	10.2	1.0	µg/L	10.0		102	70-130	0.880	25	
Trichloroethylene	9.88	1.0	µg/L	10.0		98.8	70-130	2.60	25	
Trichlorofluoromethane (Freon 11)	10.2	2.0	µg/L	10.0		102	70-130	5.16	25	
1,2,3-Trichloropropane	10.8	2.0	µg/L	10.0		108	70-130	22.4	25	
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	9.97	1.0	µg/L	10.0		99.7	70-130	5.84	25	
1,2,4-Trimethylbenzene	9.16	1.0	µg/L	10.0		91.6	70-130	1.19	25	
1,3,5-Trimethylbenzene	9.12	1.0	µg/L	10.0		91.2	70-130	2.06	25	
Vinyl Chloride	10.9	2.0	µg/L	10.0		109	40-160	4.58	25	†
m+p Xylene	18.4	2.0	µg/L	20.0		92.0	70-130	5.65	25	
o-Xylene	8.94	1.0	µg/L	10.0		89.4	70-130	2.54	25	
Surrogate: 1,2-Dichloroethane-d4	26.5		µg/L	25.0		106	70-130			
Surrogate: Toluene-d8	26.7		µg/L	25.0		107	70-130			
Surrogate: 4-Bromofluorobenzene	23.6		µg/L	25.0		94.5	70-130			

Batch B338780 - SW-846 5030B
Blank (B338780-BLK1)

Prepared & Analyzed: 05/01/23

Acetone	ND	50	µg/L
Acrylonitrile	ND	5.0	µg/L
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

V-05

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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 B338780 - SW-846 5030B										
Blank (B338780-BLK1)				Prepared & Analyzed: 05/01/23						
Bromomethane	ND	2.0	µg/L							
2-Butanone (MEK)	ND	20	µg/L							
tert-Butyl Alcohol (TBA)	ND	20	µg/L							V-05
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							V-05
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							V-05
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							V-05
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	0.60	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							V-05
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							

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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
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Batch B338780 - SW-846 5030B
Blank (B338780-BLK1)

Prepared & Analyzed: 05/01/23

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	23.5		µg/L	25.0		94.1	70-130			
Surrogate: Toluene-d8	25.2		µg/L	25.0		101	70-130			
Surrogate: 4-Bromofluorobenzene	23.7		µg/L	25.0		94.8	70-130			

LCS (B338780-BS1)

Prepared & Analyzed: 05/01/23

Acetone	83.3	50	µg/L	100		83.3	70-160			†
Acrylonitrile	8.17	5.0	µg/L	10.0		81.7	70-130			
tert-Amyl Methyl Ether (TAME)	9.13	0.50	µg/L	10.0		91.3	70-130			
Benzene	9.04	1.0	µg/L	10.0		90.4	70-130			
Bromobenzene	9.15	1.0	µg/L	10.0		91.5	70-130			
Bromochloromethane	9.01	1.0	µg/L	10.0		90.1	70-130			
Bromodichloromethane	9.13	0.50	µg/L	10.0		91.3	70-130			
Bromoform	7.65	1.0	µg/L	10.0		76.5	70-130		V-05	
Bromomethane	10.2	2.0	µg/L	10.0		102	40-160			†
2-Butanone (MEK)	91.2	20	µg/L	100		91.2	40-160			†
tert-Butyl Alcohol (TBA)	72.4	20	µg/L	100		72.4	40-160		V-05	†
n-Butylbenzene	8.94	1.0	µg/L	10.0		89.4	70-130			
sec-Butylbenzene	8.63	1.0	µg/L	10.0		86.3	70-130			
tert-Butylbenzene	8.92	1.0	µg/L	10.0		89.2	70-130			
tert-Butyl Ethyl Ether (TBEE)	9.33	0.50	µg/L	10.0		93.3	70-130			
Carbon Disulfide	84.4	5.0	µg/L	100		84.4	70-130			
Carbon Tetrachloride	7.98	5.0	µg/L	10.0		79.8	70-130			
Chlorobenzene	9.66	1.0	µg/L	10.0		96.6	70-130			
Chlorodibromomethane	8.78	0.50	µg/L	10.0		87.8	70-130			
Chloroethane	8.52	2.0	µg/L	10.0		85.2	70-130			
Chloroform	8.58	2.0	µg/L	10.0		85.8	70-130			
Chloromethane	8.70	2.0	µg/L	10.0		87.0	40-160			†
2-Chlorotoluene	9.07	1.0	µg/L	10.0		90.7	70-130			
4-Chlorotoluene	8.74	1.0	µg/L	10.0		87.4	70-130			
1,2-Dibromo-3-chloropropane (DBCP)	7.76	5.0	µg/L	10.0		77.6	70-130		V-05	
1,2-Dibromoethane (EDB)	9.87	0.50	µg/L	10.0		98.7	70-130			
Dibromomethane	9.30	1.0	µg/L	10.0		93.0	70-130			
1,2-Dichlorobenzene	9.42	1.0	µg/L	10.0		94.2	70-130			
1,3-Dichlorobenzene	9.33	1.0	µg/L	10.0		93.3	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 B338780 - SW-846 5030B										
LCS (B338780-BS1)				Prepared & Analyzed: 05/01/23						
1,4-Dichlorobenzene	9.59	1.0	µg/L	10.0		95.9	70-130			
trans-1,4-Dichloro-2-butene	7.92	2.0	µg/L	10.0		79.2	70-130			V-05
Dichlorodifluoromethane (Freon 12)	10.0	2.0	µg/L	10.0		100	40-160			†
1,1-Dichloroethane	8.46	1.0	µg/L	10.0		84.6	70-130			
1,2-Dichloroethane	8.89	1.0	µg/L	10.0		88.9	70-130			
1,1-Dichloroethylene	8.22	1.0	µg/L	10.0		82.2	70-130			
cis-1,2-Dichloroethylene	8.50	1.0	µg/L	10.0		85.0	70-130			
trans-1,2-Dichloroethylene	8.45	1.0	µg/L	10.0		84.5	70-130			
1,2-Dichloropropane	9.85	1.0	µg/L	10.0		98.5	70-130			
1,3-Dichloropropane	10.0	0.50	µg/L	10.0		100	70-130			
2,2-Dichloropropane	7.40	1.0	µg/L	10.0		74.0	40-130			V-05 †
1,1-Dichloropropene	8.83	2.0	µg/L	10.0		88.3	70-130			
cis-1,3-Dichloropropene	9.03	0.50	µg/L	10.0		90.3	70-130			
trans-1,3-Dichloropropene	8.80	0.50	µg/L	10.0		88.0	70-130			
Diethyl Ether	8.94	2.0	µg/L	10.0		89.4	70-130			
Diisopropyl Ether (DIPE)	9.02	0.50	µg/L	10.0		90.2	70-130			
1,4-Dioxane	93.6	50	µg/L	100		93.6	40-130			†
Ethylbenzene	9.54	1.0	µg/L	10.0		95.4	70-130			
Hexachlorobutadiene	10.4	0.60	µg/L	10.0		104	70-130			†
2-Hexanone (MBK)	98.5	10	µg/L	100		98.5	70-160			†
Isopropylbenzene (Cumene)	9.02	1.0	µg/L	10.0		90.2	70-130			
p-Isopropyltoluene (p-Cymene)	8.92	1.0	µg/L	10.0		89.2	70-130			
Methyl Acetate	6.96	1.0	µg/L	10.0		69.6 *	70-130			L-07, V-05
Methyl tert-Butyl Ether (MTBE)	8.69	1.0	µg/L	10.0		86.9	70-130			
Methyl Cyclohexane	9.79	1.0	µg/L	10.0		97.9	70-130			
Methylene Chloride	7.98	5.0	µg/L	10.0		79.8	70-130			
4-Methyl-2-pentanone (MIBK)	96.5	10	µg/L	100		96.5	70-160			†
Naphthalene	8.79	2.0	µg/L	10.0		87.9	40-130			†
n-Propylbenzene	9.15	1.0	µg/L	10.0		91.5	70-130			
Styrene	9.47	1.0	µg/L	10.0		94.7	70-130			
1,1,1,2-Tetrachloroethane	8.99	1.0	µg/L	10.0		89.9	70-130			
1,1,2,2-Tetrachloroethane	8.81	0.50	µg/L	10.0		88.1	70-130			
Tetrachloroethylene	10.2	1.0	µg/L	10.0		102	70-130			
Tetrahydrofuran	8.95	10	µg/L	10.0		89.5	70-130			J
Toluene	9.87	1.0	µg/L	10.0		98.7	70-130			
1,2,3-Trichlorobenzene	9.11	5.0	µg/L	10.0		91.1	70-130			
1,2,4-Trichlorobenzene	8.94	1.0	µg/L	10.0		89.4	70-130			
1,3,5-Trichlorobenzene	9.83	1.0	µg/L	10.0		98.3	70-130			
1,1,1-Trichloroethane	8.34	1.0	µg/L	10.0		83.4	70-130			
1,1,2-Trichloroethane	9.66	1.0	µg/L	10.0		96.6	70-130			
Trichloroethylene	9.48	1.0	µg/L	10.0		94.8	70-130			
Trichlorofluoromethane (Freon 11)	8.69	2.0	µg/L	10.0		86.9	70-130			
1,2,3-Trichloropropane	11.1	2.0	µg/L	10.0		111	70-130			
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	8.79	1.0	µg/L	10.0		87.9	70-130			
1,2,4-Trimethylbenzene	8.86	1.0	µg/L	10.0		88.6	70-130			
1,3,5-Trimethylbenzene	8.96	1.0	µg/L	10.0		89.6	70-130			
Vinyl Chloride	10.1	2.0	µg/L	10.0		101	40-160			†
m+p Xylene	18.8	2.0	µg/L	20.0		94.2	70-130			
o-Xylene	9.19	1.0	µg/L	10.0		91.9	70-130			
Surrogate: 1,2-Dichloroethane-d4	23.1		µg/L	25.0		92.4	70-130			
Surrogate: Toluene-d8	26.4		µg/L	25.0		106	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 B338780 - SW-846 5030B										
LCS (B338780-BS1)										
Prepared & Analyzed: 05/01/23										
Surrogate: 4-Bromofluorobenzene	24.2		µg/L	25.0		96.8	70-130			
LCS Dup (B338780-BSD1)										
Prepared & Analyzed: 05/01/23										
Acetone	87.7	50	µg/L	100		87.7	70-160	5.17	25	†
Acrylonitrile	9.29	5.0	µg/L	10.0		92.9	70-130	12.8	25	
tert-Amyl Methyl Ether (TAME)	9.89	0.50	µg/L	10.0		98.9	70-130	7.99	25	
Benzene	9.26	1.0	µg/L	10.0		92.6	70-130	2.40	25	
Bromobenzene	9.20	1.0	µg/L	10.0		92.0	70-130	0.545	25	
Bromochloromethane	9.36	1.0	µg/L	10.0		93.6	70-130	3.81	25	
Bromodichloromethane	8.76	0.50	µg/L	10.0		87.6	70-130	4.14	25	
Bromoform	7.98	1.0	µg/L	10.0		79.8	70-130	4.22	25	V-05
Bromomethane	10.6	2.0	µg/L	10.0		106	40-160	3.08	25	†
2-Butanone (MEK)	94.7	20	µg/L	100		94.7	40-160	3.81	25	†
tert-Butyl Alcohol (TBA)	73.6	20	µg/L	100		73.6	40-160	1.58	25	V-05 †
n-Butylbenzene	9.30	1.0	µg/L	10.0		93.0	70-130	3.95	25	
sec-Butylbenzene	9.05	1.0	µg/L	10.0		90.5	70-130	4.75	25	
tert-Butylbenzene	9.32	1.0	µg/L	10.0		93.2	70-130	4.39	25	
tert-Butyl Ethyl Ether (TBEE)	9.26	0.50	µg/L	10.0		92.6	70-130	0.753	25	
Carbon Disulfide	87.8	5.0	µg/L	100		87.8	70-130	3.88	25	
Carbon Tetrachloride	8.24	5.0	µg/L	10.0		82.4	70-130	3.21	25	
Chlorobenzene	9.40	1.0	µg/L	10.0		94.0	70-130	2.73	25	
Chlorodibromomethane	8.31	0.50	µg/L	10.0		83.1	70-130	5.50	25	
Chloroethane	8.52	2.0	µg/L	10.0		85.2	70-130	0.00	25	
Chloroform	8.82	2.0	µg/L	10.0		88.2	70-130	2.76	25	
Chloromethane	8.85	2.0	µg/L	10.0		88.5	40-160	1.71	25	†
2-Chlorotoluene	9.18	1.0	µg/L	10.0		91.8	70-130	1.21	25	
4-Chlorotoluene	9.34	1.0	µg/L	10.0		93.4	70-130	6.64	25	
1,2-Dibromo-3-chloropropane (DBCP)	8.03	5.0	µg/L	10.0		80.3	70-130	3.42	25	V-05
1,2-Dibromoethane (EDB)	9.78	0.50	µg/L	10.0		97.8	70-130	0.916	25	
Dibromomethane	8.74	1.0	µg/L	10.0		87.4	70-130	6.21	25	
1,2-Dichlorobenzene	9.88	1.0	µg/L	10.0		98.8	70-130	4.77	25	
1,3-Dichlorobenzene	9.70	1.0	µg/L	10.0		97.0	70-130	3.89	25	
1,4-Dichlorobenzene	9.35	1.0	µg/L	10.0		93.5	70-130	2.53	25	
trans-1,4-Dichloro-2-butene	7.89	2.0	µg/L	10.0		78.9	70-130	0.380	25	V-05
Dichlorodifluoromethane (Freon 12)	10.5	2.0	µg/L	10.0		105	40-160	4.87	25	†
1,1-Dichloroethane	8.78	1.0	µg/L	10.0		87.8	70-130	3.71	25	
1,2-Dichloroethane	8.20	1.0	µg/L	10.0		82.0	70-130	8.07	25	
1,1-Dichloroethylene	8.37	1.0	µg/L	10.0		83.7	70-130	1.81	25	
cis-1,2-Dichloroethylene	8.66	1.0	µg/L	10.0		86.6	70-130	1.86	25	
trans-1,2-Dichloroethylene	8.39	1.0	µg/L	10.0		83.9	70-130	0.713	25	
1,2-Dichloropropane	9.44	1.0	µg/L	10.0		94.4	70-130	4.25	25	
1,3-Dichloropropane	9.56	0.50	µg/L	10.0		95.6	70-130	5.00	25	
2,2-Dichloropropane	7.58	1.0	µg/L	10.0		75.8	40-130	2.40	25	V-05 †
1,1-Dichloropropene	8.94	2.0	µg/L	10.0		89.4	70-130	1.24	25	
cis-1,3-Dichloropropene	8.71	0.50	µg/L	10.0		87.1	70-130	3.61	25	
trans-1,3-Dichloropropene	8.53	0.50	µg/L	10.0		85.3	70-130	3.12	25	
Diethyl Ether	9.32	2.0	µg/L	10.0		93.2	70-130	4.16	25	
Diisopropyl Ether (DIPE)	9.41	0.50	µg/L	10.0		94.1	70-130	4.23	25	
1,4-Dioxane	89.7	50	µg/L	100		89.7	40-130	4.27	50	† ‡
Ethylbenzene	9.50	1.0	µg/L	10.0		95.0	70-130	0.420	25	
Hexachlorobutadiene	10.4	0.60	µg/L	10.0		104	70-130	0.674	25	
2-Hexanone (MBK)	93.4	10	µg/L	100		93.4	70-160	5.39	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 B338780 - SW-846 5030B										
LCS Dup (B338780-BSD1)				Prepared & Analyzed: 05/01/23						
Isopropylbenzene (Cumene)	9.03	1.0	µg/L	10.0		90.3	70-130	0.111	25	
p-Isopropyltoluene (p-Cymene)	9.19	1.0	µg/L	10.0		91.9	70-130	2.98	25	
Methyl Acetate	7.20	1.0	µg/L	10.0		72.0	70-130	3.39	25	V-05
Methyl tert-Butyl Ether (MTBE)	8.94	1.0	µg/L	10.0		89.4	70-130	2.84	25	
Methyl Cyclohexane	9.52	1.0	µg/L	10.0		95.2	70-130	2.80	25	
Methylene Chloride	8.26	5.0	µg/L	10.0		82.6	70-130	3.45	25	
4-Methyl-2-pentanone (MIBK)	92.0	10	µg/L	100		92.0	70-160	4.80	25	†
Naphthalene	9.23	2.0	µg/L	10.0		92.3	40-130	4.88	25	†
n-Propylbenzene	9.24	1.0	µg/L	10.0		92.4	70-130	0.979	25	
Styrene	9.64	1.0	µg/L	10.0		96.4	70-130	1.78	25	
1,1,1,2-Tetrachloroethane	9.22	1.0	µg/L	10.0		92.2	70-130	2.53	25	
1,1,2,2-Tetrachloroethane	8.95	0.50	µg/L	10.0		89.5	70-130	1.58	25	
Tetrachloroethylene	9.59	1.0	µg/L	10.0		95.9	70-130	6.46	25	
Tetrahydrofuran	9.36	10	µg/L	10.0		93.6	70-130	4.48	25	J
Toluene	9.32	1.0	µg/L	10.0		93.2	70-130	5.73	25	
1,2,3-Trichlorobenzene	9.33	5.0	µg/L	10.0		93.3	70-130	2.39	25	
1,2,4-Trichlorobenzene	9.58	1.0	µg/L	10.0		95.8	70-130	6.91	25	
1,3,5-Trichlorobenzene	10.3	1.0	µg/L	10.0		103	70-130	4.57	25	
1,1,1-Trichloroethane	8.60	1.0	µg/L	10.0		86.0	70-130	3.07	25	
1,1,2-Trichloroethane	9.47	1.0	µg/L	10.0		94.7	70-130	1.99	25	
Trichloroethylene	9.16	1.0	µg/L	10.0		91.6	70-130	3.43	25	
Trichlorofluoromethane (Freon 11)	9.01	2.0	µg/L	10.0		90.1	70-130	3.62	25	
1,2,3-Trichloropropane	11.0	2.0	µg/L	10.0		110	70-130	0.722	25	
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	9.09	1.0	µg/L	10.0		90.9	70-130	3.36	25	
1,2,4-Trimethylbenzene	9.19	1.0	µg/L	10.0		91.9	70-130	3.66	25	
1,3,5-Trimethylbenzene	9.06	1.0	µg/L	10.0		90.6	70-130	1.11	25	
Vinyl Chloride	10.1	2.0	µg/L	10.0		101	40-160	0.00	25	†
m+p Xylene	19.0	2.0	µg/L	20.0		95.1	70-130	1.00	25	
o-Xylene	9.22	1.0	µg/L	10.0		92.2	70-130	0.326	25	
Surrogate: 1,2-Dichloroethane-d4	24.1		µg/L	25.0		96.2	70-130			
Surrogate: Toluene-d8	24.9		µg/L	25.0		99.7	70-130			
Surrogate: 4-Bromofluorobenzene	23.6		µg/L	25.0		94.5	70-130			

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QUALITY CONTROL
Volatile Organic Compounds by GC/MS (SIM) - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch B339281 - SW-846 5035										
Blank (B339281-BLK1)				Prepared: 05/04/23 Analyzed: 05/07/23						
1,4-Dioxane	ND	2.0	µg/L							
Surrogate: 1,4-Dioxane-d8	8.98		µg/L	10.0		89.8	40-160			
LCS (B339281-BS1)				Prepared: 05/04/23 Analyzed: 05/07/23						
1,4-Dioxane	9.85	2.0	µg/L	10.0		98.5	60-140			
Surrogate: 1,4-Dioxane-d8	5.96		µg/L	10.0		59.6	40-160			
LCS Dup (B339281-BSD1)				Prepared: 05/04/23 Analyzed: 05/07/23						
1,4-Dioxane	10.7	2.0	µg/L	10.0		107	60-140	8.55	20	
Surrogate: 1,4-Dioxane-d8	7.63		µg/L	10.0		76.3	40-160			
Batch B339590 - SW-846 5035										
Blank (B339590-BLK1)				Prepared & Analyzed: 05/08/23						
1,4-Dioxane	ND	2.0	µg/L							
Surrogate: 1,4-Dioxane-d8	9.96		µg/L	10.0		99.6	40-160			
LCS (B339590-BS1)				Prepared & Analyzed: 05/08/23						
1,4-Dioxane	11.0	2.0	µg/L	10.0		110	60-140			
Surrogate: 1,4-Dioxane-d8	11.2		µg/L	10.0		112	40-160			
LCS Dup (B339590-BSD1)				Prepared & Analyzed: 05/08/23						
1,4-Dioxane	11.9	2.0	µg/L	10.0		119	60-140	8.12	20	
Surrogate: 1,4-Dioxane-d8	10.3		µg/L	10.0		103	40-160			

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QUALITY CONTROL
Metals Analyses (Total) - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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Batch B339191 - SW-846 7470A Prep
Blank (B339191-BLK1)

Prepared: 05/02/23 Analyzed: 05/03/23

Mercury	0.00018	0.00020	mg/L							B, J
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LCS (B339191-BS1)

Prepared: 05/02/23 Analyzed: 05/03/23

Mercury	0.00435	0.00020	mg/L	0.00402		108	80-120			
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LCS Dup (B339191-BSD1)

Prepared: 05/02/23 Analyzed: 05/03/23

Mercury	0.00412	0.00020	mg/L	0.00402		102	80-120	5.50	20	
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Batch B339211 - SW-846 3005A
Blank (B339211-BLK1)

Prepared: 05/01/23 Analyzed: 05/02/23

Aluminum	ND	0.050	mg/L							
Antimony	ND	0.050	mg/L							
Arsenic	ND	0.010	mg/L							
Barium	ND	0.050	mg/L							
Beryllium	ND	0.0040	mg/L							
Cadmium	ND	0.0040	mg/L							
Calcium	ND	0.50	mg/L							
Chromium	ND	0.010	mg/L							
Cobalt	ND	0.010	mg/L							
Copper	0.0062	0.010	mg/L							B, J
Iron	ND	0.050	mg/L							
Lead	ND	0.010	mg/L							
Magnesium	ND	0.050	mg/L							
Manganese	ND	0.010	mg/L							
Nickel	ND	0.010	mg/L							
Potassium	ND	2.0	mg/L							
Selenium	ND	0.050	mg/L							
Silver	ND	0.010	mg/L							
Sodium	ND	2.0	mg/L							
Thallium	ND	0.050	mg/L							
Vanadium	ND	0.010	mg/L							
Zinc	ND	0.010	mg/L							

Blank (B339211-BLK2)

Prepared: 05/01/23 Analyzed: 05/06/23

Zinc	ND	0.010	mg/L							
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LCS (B339211-BS1)

Prepared: 05/01/23 Analyzed: 05/02/23

Aluminum	0.505	0.050	mg/L	0.500		101	45.3-154.7			
Antimony	0.479	0.050	mg/L	0.500		95.7	80-120			
Arsenic	0.473	0.010	mg/L	0.500		94.5	80-120			
Barium	0.515	0.050	mg/L	0.500		103	80-120			
Beryllium	0.512	0.0040	mg/L	0.500		102	80-120			
Cadmium	0.513	0.0040	mg/L	0.500		103	80-120			
Calcium	3.80	0.50	mg/L	4.00		95.0	80-120			
Chromium	0.494	0.010	mg/L	0.500		98.8	80-120			
Cobalt	0.504	0.010	mg/L	0.500		101	80-120			
Copper	0.964	0.010	mg/L	1.00		96.4	80-120			
Iron	3.87	0.050	mg/L	4.00		96.8	80-120			
Lead	0.509	0.010	mg/L	0.500		102	80-120			
Magnesium	3.73	0.050	mg/L	4.00		93.2	80-120			
Manganese	0.485	0.010	mg/L	0.500		97.1	80-120			
Nickel	0.499	0.010	mg/L	0.500		99.7	80-120			
Potassium	4.07	2.0	mg/L	4.00		102	80-120			

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QUALITY CONTROL
Metals Analyses (Total) - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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Batch B339211 - SW-846 3005A
LCS (B339211-BS1)

Prepared: 05/01/23 Analyzed: 05/02/23

Selenium	0.502	0.050	mg/L	0.500		100	80-120			
Silver	0.537	0.010	mg/L	0.500		107	80-120			
Sodium	4.13	2.0	mg/L	4.00		103	80-120			
Thallium	0.473	0.050	mg/L	0.500		94.6	80-120			
Vanadium	0.500	0.010	mg/L	0.500		99.9	80-120			
Zinc	1.02	0.010	mg/L	1.00		102	80-120			

LCS (B339211-BS2)

Prepared: 05/01/23 Analyzed: 05/06/23

Zinc	1.02	0.010	mg/L	1.00		102	80-120			
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LCS Dup (B339211-BSD1)

Prepared: 05/01/23 Analyzed: 05/02/23

Aluminum	0.496	0.050	mg/L	0.500		99.1	45.3-154.7	1.90	30	
Antimony	0.492	0.050	mg/L	0.500		98.3	80-120	2.68	20	
Arsenic	0.482	0.010	mg/L	0.500		96.3	80-120	1.91	20	
Barium	0.524	0.050	mg/L	0.500		105	80-120	1.76	20	
Beryllium	0.518	0.0040	mg/L	0.500		104	80-120	1.21	20	
Cadmium	0.522	0.0040	mg/L	0.500		104	80-120	1.77	20	
Calcium	3.82	0.50	mg/L	4.00		95.6	80-120	0.589	20	
Chromium	0.503	0.010	mg/L	0.500		101	80-120	1.78	20	
Cobalt	0.513	0.010	mg/L	0.500		103	80-120	1.70	20	
Copper	0.988	0.010	mg/L	1.00		98.8	80-120	2.38	20	
Iron	3.91	0.050	mg/L	4.00		97.7	80-120	0.997	20	
Lead	0.520	0.010	mg/L	0.500		104	80-120	2.17	20	
Magnesium	3.74	0.050	mg/L	4.00		93.5	80-120	0.401	20	
Manganese	0.490	0.010	mg/L	0.500		98.0	80-120	0.974	20	
Nickel	0.507	0.010	mg/L	0.500		101	80-120	1.74	30	
Potassium	4.08	2.0	mg/L	4.00		102	80-120	0.223	20	
Selenium	0.516	0.050	mg/L	0.500		103	80-120	2.83	20	
Silver	0.547	0.010	mg/L	0.500		109	80-120	1.83	20	
Sodium	4.14	2.0	mg/L	4.00		104	80-120	0.236	20	
Thallium	0.486	0.050	mg/L	0.500		97.2	80-120	2.70	20	
Vanadium	0.508	0.010	mg/L	0.500		102	80-120	1.68	20	
Zinc	1.04	0.010	mg/L	1.00		104	80-120	1.60	20	

LCS Dup (B339211-BSD2)

Prepared: 05/01/23 Analyzed: 05/06/23

Zinc	1.02	0.010	mg/L	1.00		102	80-120	0.796	20	
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Batch B339300 - SW-846 7470A Prep
Blank (B339300-BLK1)

Prepared: 05/05/23 Analyzed: 05/08/23

Mercury	ND	0.00020	mg/L							
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QUALITY CONTROL
Metals Analyses (Total) - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC Limits	RPD Limit	Notes
Batch B339300 - SW-846 7470A Prep								
LCS (B339300-BS1)				Prepared: 05/05/23 Analyzed: 05/08/23				
Mercury	0.00425	0.00020	mg/L	0.00402	106	80-120		
LCS Dup (B339300-BSD1)				Prepared: 05/05/23 Analyzed: 05/08/23				
Mercury	0.00424	0.00020	mg/L	0.00402	105	80-120	0.456	20
Duplicate (B339300-DUP1)				Prepared: 05/05/23 Analyzed: 05/08/23				
Mercury	ND	0.00020	mg/L	ND			NC	20
Matrix Spike (B339300-MS1)				Prepared: 05/05/23 Analyzed: 05/08/23				
Mercury	0.00430	0.00020	mg/L	0.00402	ND 107	75-125		

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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.
B	Analyte is found in the associated laboratory blank as well as in the sample.
DL-01	Elevated reporting limits for all volatile compounds due to foaming sample matrix.
J	Detected but below the Reporting Limit (lowest calibration standard); therefore, result is an estimated concentration (CLP J-Flag).
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.
RL-11	Elevated reporting limit due to high concentration of target compounds.
V-05	Continuing calibration verification (CCV) did not meet method specifications and was biased on the low side for this compound.
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
<i>SW-846 6010D in Water</i>	
Aluminum	CT,NH,NY,ME,VA,NC
Antimony	CT,NH,NY,ME,VA,NC
Arsenic	CT,NH,NY,ME,VA,RI,NC
Barium	CT,NH,NY,ME,VA,NC
Beryllium	CT,NH,NY,ME,VA,NC
Cadmium	CT,NH,NY,ME,VA,NC
Calcium	CT,NH,NY,ME,VA,NC
Chromium	CT,NH,NY,ME,VA,NC
Cobalt	CT,NH,NY,ME,VA,NC
Copper	CT,NH,NY,ME,VA,NC
Iron	CT,NH,NY,ME,VA,NC
Lead	CT,NH,NY,ME,VA,NC
Magnesium	CT,NH,NY,ME,VA,NC
Manganese	CT,NH,NY,ME,VA,NC
Nickel	CT,NH,NY,ME,VA,NC
Potassium	CT,NH,NY,ME,VA,NC
Selenium	CT,NH,NY,ME,VA,NC
Silver	CT,NH,NY,ME,VA,NC
Sodium	CT,NH,NY,ME,VA,NC
Thallium	CT,NH,NY,VA,NC
Vanadium	CT,NH,NY,ME,VA,NC
Zinc	CT,NH,NY,ME,VA,NC
<i>SW-846 7470A in Water</i>	
Mercury	CT,NH,NY,NC,ME,VA
<i>SW-846 8260D in Water</i>	
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

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CERTIFICATIONS
Certified Analyses included in this Report

Analyte	Certifications
<i>SW-846 8260D in Water</i>	
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
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

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CERTIFICATIONS
Certified Analyses included in this Report

Analyte	Certifications
SW-846 8260D in Water	
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

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

Code	Description	Number	Expires
CT	Connecticut Department of Public Health	PH-0821	12/31/2024
NY	New York State Department of Health	10899 NELAP	04/1/2024
NH	New Hampshire Environmental Lab	2516 NELAP	02/5/2024
RI	Rhode Island Department of Health	LAO00373	12/30/2023
NC	North Carolina Div. of Water Quality	652	12/31/2023
ME	State of Maine	MA00100	06/9/2023
VA	Commonwealth of Virginia	460217	12/14/2023

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ANALYSIS REQUESTED										2 Preservation Code	
H	H									Courier Use Only	
										Total Number Of:	
										VIALS _____	
										GLASS _____	
										PLASTIC _____	
										BACTERIA _____	
										ENCORE _____	
										Glassware in the fridge?	
										Y N	

*Pace Analytical is not responsible for missing samples from prepacked coolers

1 Matrix Codes:
 GW = Ground Water
 WW = Waste Water
 DW = Drinking Water
 A = Air
 S = Soil
 SL = Sludge
 SOL = Solid
 O = Other (please
 define)

2 Preservation Codes:
1 = Iced

H = HCL
M = Methanol
N = Nitric Acid
S = Sulfuric Acid
B = Sodium Bisulfate
X = Sodium Hydroxide
T = Sodium Thiosulfate
O = Other (please define)

Please use the following codes to indicate possible sample concentration within the Conc Code column above:

H - High; M - Medium; L - Low; C - Clean; U - Unknown

NELAC and ANHA-LAP, LLC Accredited

Other ☐ Chromatogram
☐ AIHA-LAP, LLC

b Comments:

Disclaimer: Pace Analytical is not responsible for any omitted information on the Chain of Custody. The Chain of Custody is a legal document that must be complete and accurate and is used to determine what analyses the laboratory will perform. Any missing information is not the laboratory's responsibility. Pace Analytical values your partnership on each project and will try to assist with missing information, but will not be held accountable.



Phone: 413-525-2332
Fax: 413-525-6405

Access COC's and Support Requests

<http://www.pacelabs.com>

CHAIN OF CUSTODY RECORD

39 Spruce Street
East Longmeadow, MA 01028

Doc # 381 Rev 5_07/13/2021

Page 2 of 2

Company Name: HRP Assoc Inc
Address: 197 Scott Swamp Rd
Phone: Farmington, CT 06032
Project Name: DEC - Lindenhurst, NY
Project Location: 63 West Merrick Rd, Lindenhurst, NY
Project Number: DEC10040M
Project Manager: Derek Roy
Pace Quote Name/Number:
Invoice Recipient: NYS DEC
Sampled By: DJA CLK KG

Requested Turnaround Time		Dissolved Metals Samples	
7-Day ☒	10-Day ☐	☐ Field Filtered	
PFAS 10-Day (std) ☐	Due Date:	☐ Lab to Filter	
Rush-Approval Required		Orthophosphate Samples	
1-Day ☐	3-Day ☐	☐ Field Filtered	
2-Day ☐	4-Day ☐	☐ Lab to Filter	
Data Delivery			
Format: PDF ☐	EXCEL ☐	PCB ONLY	
Other: <u>EQUS</u>		SOXHLET ☐	
CLP Like Data Pkg Required: ☐		NON SOXHLET ☐	
Email To: <u>edwardh@pacelabs.com</u>			
Fax To #:			

ANALYSIS REQUESTED

Pace Work Order#	Client Sample ID / Description	Beginning Date/Time	Ending Date/Time	COMP/GRAB	Matrix Code	Conc Code	VIALS	GLASS	PLASTIC	BACTERIA	ENCORE
11	MW-108	4/26/23	9:15	G	GW	U	2				
12	MW-109	4/26/23	16:48								
13	MW-111		3:06								
14	RW-1	4/26/23	10:12								
15	RW-2	4/26/23	2:09								
16	MW-A	4/26/23	2:14								
17	MW-B		3:37								
18	TB-1		7:00			C					
19	TB-2	4/26/23	7:30								

² Preservation Code	
Courier Use Only	
Total Number Of:	
VIALS	
GLASS	
PLASTIC	
BACTERIA	
ENCORE	
Glassware in the fridge? Y / N	
Glassware in freezer? Y / N	
Prepackaged Cooler? Y / N	
*Pace Analytical is not responsible for missing samples from prepacked coolers	
¹ Matrix Codes: GW = Ground Water WW = Waste Water DW = Drinking Water A = Air S = Soil SL = Sludge SOL = Solid O = Other (please define)	
² Preservation Codes: I = Iced H = HCL M = Methanol N = Nitric Acid S = Sulfuric Acid B = Sodium Bisulfate X = Sodium Hydroxide T = Sodium Thiosulfate O = Other (please define)	

Relinquished by: (signature)	Date/Time: 11:45
Received by: (signature)	Date/Time: 4/27/23
Relinquished by: (signature)	Date/Time: 4/27/23
Received by: (signature)	Date/Time: 4/27/23
Relinquished by: (signature)	Date/Time:
Received by: (signature)	Date/Time:
Relinquished by: (signature)	Date/Time:
Received by: (signature)	Date/Time:

Client Comments: Bill directly to NYDEC - Lindenhurst 63 site #152125 NYDEC CAT "B" Deliverables, NYDEC P/M: PAYSON LONG	
Detection Limit Requirements	Special Requirements
MA ☐	MA MCP Required
	MCP Certification Form Required
	CT RCP Required
	RCP Certification Form Required
	MA State DW Required
Other: ☐	PWSID #
Project Entity	
Government ☐	Municipality ☐
Federal ☐	21 J ☐
City ☐	Brownfield ☐
	MWRA ☐
	School ☐
	MBTA ☐
	WRTA ☐
Other ☐	
☐ Chromatogram	
☐ AIHA-LAP, LLC	

Please use the following codes to indicate possible sample concentration within the Conc Code column above:
H - High; M - Medium; L - Low; C - Clean; U - Unknown

MA State DW Required

MA State DW Required

MA State DW Required

MA State DW Required

MA State DW Required

MA State DW Required

Comments:

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East Longmeadow, MA. 01028
P: 413-525-2332
F: 413-525-6405
www.pacelabs.com

Log In Back-Sheet

Login Sample Receipt Checklist – (Rejection Criteria Listing
– Using Acceptance Policy) Any False statement will be
brought to the attention of the Client – True or False



Client HRP (DEC)
Project Lindenhurst DEC
MCP/RCP Required NO
Deliverable Package Req. NY Cat. B
Location 63 W. Merrick Rd. Lindenhurst, NY
PWSID# (When Applicable) no

Arrival Method:

Courier ☒ Fed Ex ☐ Walk In ☐ Other ☐

Received By / Date / Time M. M. 4/27/23 11:23

Back-Sheet By / Date / Time M. M. 4/27/23 11:51

Temperature Method Gun # 5

Temp ☒ < 6° C Actual Temperature 21

Rush Samples: Yes / No Notify No

Short Hold: Yes / No Notify No

Notes regarding Samples/COC outside of SOP:

	True	False
Received on Ice	☒	☐
Received in Cooler	☒	☐
Custody Seal: DATE TIME	☐	☒
COC Relinquished	☒	☐
COC/Samples Labels Agree	☒	☐
All Samples in Good Condition	☒	☐
Samples Received within Holding Time	☒	☐
Is there enough Volume	☒	☐
Proper Media/Container Used	☒	☐
Splitting Samples Required	☐	☒
MS/MSD	☐	☒
Trip Blanks	☐	☒
Lab to Filters	☐	☒
COC Legible	☒	☐

COC Included: (Check all included)

Client ☒ Analysis ☒ Sampler Name ☒
Project ☒ IDs ☒ Collection Date/Time ☒

All Samples Proper pH: N/A ☒ ☐

Container (Circle when applicable)	UnP	HCl	HNO3	H2SO4	NaOH	Trizma	Na2S2O3	Other Preservative
1L Amber Plastic								
500 mL Amber Plastic								
250 mL Amber <u>Plastic</u>			3					
Other Amber Clear Plastic								
16oz Amber Clear								
8oz Amber Clear								
4oz Amber Clear								
2oz Amber Clear								
Col/Bacteria								
Flashpoint								
Plastic Bag								
SOC Kit								
Perchlorate								
Encore								
Frozen								
Proper Headspace	UnP	HCl	MeOH	Bisulfate	DI	Thiosulfate	Sulfuric	Other
Vials	15	38						

Appendix C

Daily Field Reports and Entry/Exit Logs

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DAILY INSPECTION REPORT

Page 1 of 10

Report No. (Site Name) - NYSDEC Site No. 152125

Date: 04/26/23

[illegible]

DAILY INSPECTION REPORT

Page 2 of 10

Report No. (Site Name) - NYSDEC Site No. 152125

Date: 04/26/23

[illegible][illegible]

*On-Site scale for off-site shipment, delivery ticket for material received

Equipment/Material Tracking Comments:

DAILY INSPECTION REPORT

Report No. (Site Name) - NYSDEC Site No. 152125

Date: 04/26/23

Visitors to Site			
Name	Representing	Entered Exclusion/CRZ Zone	
		Yes	No
		Yes	No
		Yes	No
		Yes	No
		Yes	No
		Yes	No
		Yes	No
		Yes	No
		Yes	No
Site Representatives			
Name	Representing		
Project Schedule Comments			
Issues Pending			
Interaction with Public, Property Owners, Media, etc.			

DAILY INSPECTION REPORT

Page 4 of 10

Report No. (Site Name) - NYSDEC Site No. 152125

Date: 04/26/23

Include (insert) figures with markups showing location of work and job progress

DAILY INSPECTION REPORT

Page 5 of 10

Report No. (Site Name) - NYSDEC Site No. 152125

Date: 04/26/23



Department of
Environmental
Conservation



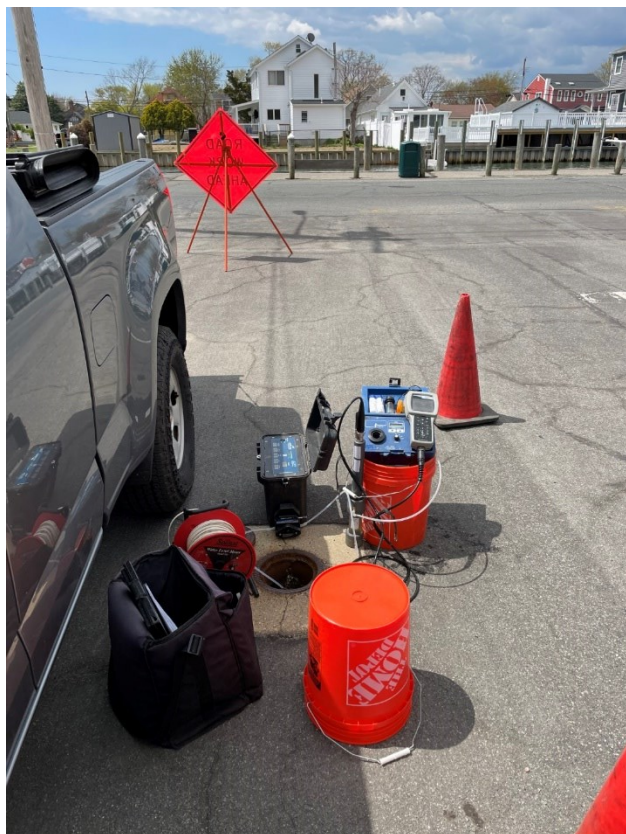
DAILY INSPECTION REPORT

Page 6 of 10

Report No. (Site Name) - NYSDEC Site No. 152125

Date: 04/26/23

Site Photographs (Descriptions Below)



Low Flow Groundwater Sampling

DAILY INSPECTION REPORT

Report No. (Site Name) - NYSDEC Site No. 152125

Date: 04/26/23

DAILY INSPECTION REPORT

Page 8 of 10

Report No. (Site Name) - NYSDEC Site No. 152125

Date: 04/26/23

Comments	
Site Inspector(s):	Date:

DAILY INSPECTION REPORT

Report No. (Site Name) - NYSDEC Site No. 152125

Date: 04/26/23

DAILY HEALTH CHECKLIST

Is social distancing being practiced?	Yes ☒	No ☐
Is the tail gate safety meeting held outdoors?	Yes ☒	No ☐
Are remote/call in job meetings being held in lieu of meeting in person where possible?	Yes ☒	No ☐
Were personal protective gloves, masks, and eye protection being used?	Yes ☒	No ☐
Are sanitizing wipes, wash stations or spray available?	Yes ☒	No ☐
Have any workers/visitors been excluded based on close contact with individuals diagnosed with COVID-19, have recently traveled to restricted areas or countries, or are symptomatic (fever, chills, cough/shortness of breath)?	Yes ☐	No ☒
<u>Comments:</u>		

REMEDIAL ACTIVITIES AT PROPERTIES

1. Have anyone at this location been tested and confirmed to have COVID-19?	Yes ☐	No ☒
2. Is anyone at this location isolated or quarantined for COVID-19?	Yes ☐	No ☒
3. Has anyone at this locaton had contact with anyone known to have COVID-19 in the past 14 days?	Yes ☐	No ☒
4. Does anyone at this locaton have any symptoms of a respiratory infection (e.g., cough, sore throat, fever, or shortness of breath)?	Yes ☐	No ☒
5. Does the Department and its contractors have your permission to enter the property at this time?	Yes ☒	No ☐
If Yes to <u>any</u> of 1-4 above: - If it is <u>not</u> critical that service/entry be carried out immediately and can be postponed until the risk of COVID-19 is lower, or can be accomplished remotely/without entry, postpone or conduct service without entry. - If it <u>is</u> critical that service/entry be carried out immediately, advise occupants that as a precaution and for our own protection, project personnel will be donning appropriate PPE* (including respiratory protection) - and do so prior to entry.	Yes ☐	No ☐
<u>Comments:</u>		

DAILY INSPECTION REPORT

Report No. _____ (Site Name) - NYSDEC Site No. 152125

Date: 04/26/23

NUISANCE CHECKLIST

Were there any community complaints related to work on this date?	Yes ☐	No ☒	N/A ☐
Were there any odors detected on this date?	Yes ☐	No ☒	N/A ☐
Was noise outside specification and/or above background on this date?	Yes ☐	No ☒	N/A ☐
Were vibration readings outside specification and/or above background on this date?	Yes ☐	No ☐	N/A ☒
Any visible dust observed beyond the work perimeter on this date?	Yes ☐	No ☐	N/A ☒
Any visible contrast (turbidity) beyond engineering controls observed on this date?	Yes ☐	No ☐	N/A ☒
Was turbidity checked at the Montauk Highway outfall?	AM ☐	PM ☐	N/A ☒
Were any property owners NOT provided advance notice for work performed on this property on this date?	Yes ☐	No ☐	N/A ☒
Was the temporary fabric structure closed at the end of the day?	Yes ☐	No ☐	N/A ☒
Has Contractor failed to protect all foundations and structures adjacent to and adjoining the site which are affected by the excavations or other operations connected with performance of the Work?	Yes ☐	No ☐	N/A ☒
If yes, has Contractor been notified?	Yes ☐	No ☐	N/A ☒
<u>Comments:</u>			

Fire Safety Inspection Log
Active Industrial Uniform Site
NYSDEC Site No. 152125
63 West Merrick Road, Lindenhurst, NY

Monthly Fire Safety Inspection Items			
Item	Description	Result	
1	Exit signs internally or externally illuminated	Yes	No
2	Smoke alarms tested and functioning	Yes	No
3	Water leaks/water damage observed inside building	Yes	No
4	Fire extinguishers within expiration or inspected annually	Yes	No
5	All fire extinguishers present	Yes	No
6	Electrical Breaker Panel Issues	Yes	No
7	Covers present on all junction boxes, electrical switches, and outlets	Yes	No
8	Any evidence of pests present inside building (rodents, insects, etc.)	Yes	No
9	Emergency lighting tested and functioning	Yes	No

Periodic System Testing and Inspection				
Item	Description	Frequency	Date Last Performed	Date Due
10	Sprinkler system testing	Annual		
11	Battery powered emergency lighting tested	Annual	12-19-22	12-19-22
12	Fire Extinguishers annual inspection	Annual	5-12-22	5-12-23
13	Emergency Lighting Testing	Monthly	4-25-23	

Inspected By: KG

Inspection Date: 4-25-23

Other Items Noted:

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