MOVE YOUR ENVIRONMENT FORWARD

QUARTERLY OPERATION AND MAINTENANCE REPORT – FIRST QUARTER 2022

Active Industrial Uniform Superfund Site
63 West Merrick Road
Lindenhurst, New York

NYSDEC Site Number: 152125

Prepared For:

New York State Department of Environmental Conservation
625 Broadway
Albany, New York 12233
Contract #D009808

Prepared By:

HRP Associates, Inc.
197 Scott Swamp Road
Farmington, CT 06032

HRP #: DEC1004.OM

Issued On: July 7, 2022

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General Information

Project/Site Information:
Active Industrial Uniform Superfund Site
63 West Merrick Road
Lindenhurst, New York

Consultant Information:
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Project Number: DEC1004.OM

Client Information:
New York State Department of
Environmental Conservation
625 Broadway
Albany, NY 12233

Report Date: 7/7/2022

Report Author: A. Sasha Isenberg
Senior Project Scientist

Project Manager: David J. Feinson
Project Manager

1.0 INTRODUCTION

HRP Associates, Inc. (HRP) has been contracted by the New York State Department of Environmental Conservation (NYSDEC) for Site management tasks under Standby Engineering Contract D009808. Under this contract, on-going Site management was assigned to HRP for the Active Industrial Uniform Superfund Site, NYSDEC Site No. 152125, located at 63 West Merrick Road, Lindenhurst, New York (herein referred to as the "Site"). The Site location is depicted on **Figure 1**. The Site is currently listed on the New York State Registry of Inactive Hazardous Waste Sites as a Class 2 site. This designation is for sites at which the disposal of hazardous waste has been confirmed and the presence of such hazardous waste or its components or breakdown products represents a significant threat to public health or the environment; or sites at which hazardous waste disposal has not been confirmed, but the site has been listed on the Federal National Priorities List (NPL). The United States Environmental Protection Agency (USEPA) oversaw the operations and maintenance (O&M) and Site management from 2001 to 2012. NYSDEC assumed responsibility for Site management in 2012. The on-going Site management was assigned to HRP in April 2020. This work assignment (WA) includes the following tasks:

- Task 1 – Scoping.
- Task 2 – Site Management Plan.
- Task 3 – Operation and Maintenance.
- Task 4 – Monitoring and Reporting.
- Task 5 – Periodic Review and Report.
- Task 6 – Remedial System Optimization.

This quarterly Operations and Maintenance (O&M) Report summarizes the O&M and monitoring activities completed during the first quarter of 2022 (January through March 2022). This report provides a description of the work performed throughout the reporting period, a discussion of the data obtained, and documents the relevant performance monitoring.

2.0 SITE BACKGROUND

2.1 Site Location and Description

The Active Industrial Uniform Site is a 0.5-acre parcel of land located at 63 West Merrick Road (a.k.a. West Montauk Highway, or State Route 27A). The Site is accessed via a driveway from Tompkins Lane. A fence with locked gate completely surrounds the property. The Site location is shown on **Figure 1**.

The following features are present at the Site:

- 35'x35' treatment shed;
- The remnants of two concrete floor slabs (east and northwest) where one-story concrete block buildings were formerly located (both buildings were demolished in February 1995); and
- A paved parking area.

Site features are depicted on **Figure 2**, and general Site area features are shown on **Figure 3**.

2.2 Site Geology and Hydrogeology

According to the surficial materials map of New York, the surficial geology of the Site consists of outwash sand and gravel, defined as coarse to fine gravel with sand with variable thickness (2-20 meters). Based on reported observations from shallow hand auger soil vapor points installed during the 2007/2008 soil vapor evaluation, the upper ten feet of overburden in the vicinity of the Site is typified by loose medium to coarse sand. The ground surface and uppermost overburden varies from disturbed native sand to topsoil, silty sand, or asphalt.

Depth to groundwater ranged from 0.43 (in MW-109) to 9.33 (in RW-1) feet below ground surface, as measured during the January 2022 groundwater sampling event. Groundwater flows predominantly to the south, as shown on **Figure 4**, *Groundwater Contour Map*.

2.3 Background and Remedial History

This facility operated as a dry cleaner and laundry between 1970 and 1987. Historically, there were two dry cleaning solvent storage areas at the Site: an underground solvent storage tank located on the northwest corner of the property that was removed in 1985, and two above ground solvent storage tanks that were located on a concrete pad near the southwest corner of the property and were removed in October of 1987.

Previous investigations revealed two areas of historical releases of tetrachloroethene (PCE) that have impacted the soil and groundwater at the Site. Remediation at the Site achieved soil cleanup objectives for commercial use and is considered complete. Residual contamination in the soil and groundwater is being managed under a Site Management Plan. A Groundwater Extraction &

Treatment (GWE&T) System was installed to control a chlorinated solvent groundwater contamination plume emanating from the Site.

The GWE&T system operated between 2001 and 2018. The GWE&T system was shut down in 2018 under NYSDEC approval. The air stripping towers were decommissioned in late 2020 and removed from the Site in 2021.

2.4 Site Cleanup Objectives

The remedial goals for the Site have been established through the remedy selection process and documented in the Record of Decision (ROD), dated March 26, 1997. According to the ROD, the "overall goal is to meet all appropriate Standards, Criteria, and Guidance (SCGs) and to be protective of human health and the environment". The site-specific goals are presented below:

- Reduce, control, or eliminate to the extent practicable the contamination present within the soils on the Site;
- Eliminate the threat to surface waters by remediating to the extent practicable contaminated groundwater;
- Eliminate the potential for direct human or animal contact with the contaminated soils on the Site;
- Mitigate the impacts of contaminated groundwater to the environment;
- Prevent, to the extent possible, migration of contaminants;
- Provide for attainment of SCGs for groundwater quality at the limits of the area of concern, to the extent practicable; and
- Reduce the threat to homes from high groundwater.

3.0 OPERATIONS AND MAINTENANCE PROGRAM

The operations and maintenance program for the Active Industrial Uniform Site is presented below.

- Periodic groundwater monitoring, including reporting sampling data to NYSDEC.
- Inventory/inspections/maintenance of all groundwater monitoring wells.
- The GWE&T system was shut down on November 30, 2018, under NYSDEC approval. The air stripping towers were decommissioned in late 2020 and removed in 2021. As such, only building maintenance, including routine fire/safety inspection of the treatment plant, is performed on a monthly basis.
- Site maintenance, including (but not limited to) structures and Site grounds upkeep and maintenance (the length of the grass should not exceed six inches per Town ordinance) conducted on a monthly basis or as needed during the summer.

HRP performed the groundwater sampling at the Site as well as the Site maintenance activities. Summary reports prepared during each visit are included in **Appendix A**. Below is a summary of activities performed during the first quarter of 2022.

3.1 Groundwater Extraction and Treatment System Operations and Maintenance

The GWE&T consists of two 4-inch diameter extraction wells, RW-1 and RW-2, designed to pump groundwater to the treatment system housed in the system remediation building. RW-1 is located in the southwestern portion of the Site. RW-2 is located off-site, approximately 1,500 feet southwest of the Site (see **Figures 2** and **3**).

The GWE&T system was shut down in 2018 under NYSDEC approval. The air stripping towers were decommissioned in late 2020 and removed from the Site in 2021. Prior to 2020, an inspection of RW-2 indicated that the screen had collapsed. The previous consultants' attempts at redevelopment of RW-2 were not successful.

3.2 Site Maintenance Activities

Routine Maintenance

On January 5, February 24, and March 31, 2022, HRP performed routine maintenance and site inspection activities. Monthly inspections of fire extinguisher and emergency lighting and exit sign tests were performed on the same dates. Emergency lighting passed the monthly tests. No issues were identified.

Non-Routine Maintenance

No non-routine activities were performed during the first quarter of 2022.

4.0 MONITORING PROGRAM

The monitoring program for the Active Industrial Uniform Superfund Site includes periodic sampling of select groundwater monitoring wells and two extraction wells (see Table 1 below), including 11 on-site monitoring wells (MW-101 through MW-108, MW-4D, MW-5S, and RW-1) and four off-site monitoring wells (MW-109, MW-111, MW-2S, and RW-2). The locations of the wells are depicted on **Figures 2** and **3**. Per the request from NYSDEC, the frequency of sampling has been reduced from quarterly to every fifth quarter as of January 7, 2022.

4.1 Groundwater Sampling

On January 5-6, 2022, HRP conducted groundwater sampling at the Site. Groundwater samples were collected from each monitoring well and submitted to a State-certified laboratory, Con-Test/Pace Analytical, and analyzed for VOCs via the EPA 8260 method and metals via EPA 6010 method. The analytical results are summarized in Tables 1 and 2 below.

Table 1: Target VOCs in Groundwater

Monitoring Well ID and Location	Site-Specific VOCs Concentrations, ug/L							
	PCE		TCE		Cis-1,2-DCE		Vinyl Chloride	
Sampling Period	2021 Q4	2022 Q1	2021 Q4	2022 Q1	2021 Q4	2022 Q1	2021 Q4	2022 Q1
MW-4D (on-site)	**24**	**31**	**39**	**31**	**35**	**22**	**22**	**19**
MW-5S (on-site)	1.5	1.6	<1	<0.18	<1	<0.15	<1	<0.2
MW-101 (on-site)	NS	0.86	NS	0.28	NS	<0.15	NS	<0.2
MW-102 (on-site)	NS	0.56	NS	<0.18	NS	<0.15	NS	<0.2
MW-103 (on-site)	3.2	3.8	0.84	0.89	<1	<0.15	<1	<0.2
MW-104 (on-site)	**74**	**37**	**7.5**	4.5	2.2	0.67	<1	<0.2
MW-105 (on-site)	3.1	**5.5**	<1	0.39	1.9	0.82	<1	<0.2
MW-105 Dup (MW-B)	2.8	**5.3**	<1	<0.9	2.0	0.74	0.19	<0.2
MW-106 (on-site)	**12**	**6.4**	3.7	2.6	**12**	**10**	0.67	0.26
MW-107 (on-site)	3.5	3.1	0.56	0.26	0.38	<0.15	<1	<0.2
MW-108 (on-site)	NS	3.6	NS	0.31	NS	0.40	NS	<0.2
RW-1 (on-site)	<1	<0.2	<1	<0.18	<1	<0.15	<1	<0.2
MW-2S (off-site)	3.8	**16**	0.86	**5.7**	**7.5**	**44**	<1	**2.3**
MW-109 (off-site)	NS	<0.2	NS	0.43	NS	0.66	NS	<0.2
MW-111 (off-site)	NS	<0.2	NS	<0.18	NS	<0.15	NS	<0.2
RW-2 (off-site)	<1	<1	<1	<0.9	0.65	<0.75	<1	<1
RW-2 Dup (MW-A)	<1	<1	<1	<0.9	0.6	<0.75	<1	<1
Class GA Groundwater Standard, µg/L	*5*		*5*		*5*		*2*	

Notes: **1** Parameter reported at a concentration greater than applicable regulatory standard/criterion
ND = not detected; NS = not sampled; ug/L = microgram per liter

Table 1 summarizes the on-site and off-site concentrations of the site-specific contaminants of concern (COCs), which include PCE and associated degradation products (trichloroethylene [TCE],

cis-1,2-dichloroethylene [cis-1,2-DCE], and vinyl chloride). The results were compared to the previous, fourth quarter of 2021, findings. The previous data is included in the table for comparison purposes. Charts showing the variations of PCE, TCE, cis-1,2-DCE, and vinyl chloride in the monitoring wells are provided in **Appendix B**. Laboratory reports are included in **Appendix C**.

The findings of the sampling are discussed below.

- MW-4D: The monitoring well is located in the southwestern portion of the Site and downgradient of the historical dry-cleaning activities. The well is screened at 60 to 70 feet below grade (fbg). PCE, TCE, cis-1,2-DCE and vinyl chloride were detected in this monitoring well at concentrations exceeding the Class GA Groundwater Standards.
- MW-5S: The monitoring well is located in the western portion of the Site and screened at 14 to 24 fbg. None of the contaminants of concern were detected above the laboratory reporting limits, except for PCE, which was detected below the applicable standards.
- MW-101: The monitoring well is located on the northeastern portion of the Site and screened at 5-15 fbg. PCE and TCE were detected at a concentration below the Class GA Standards. Cis-1,2-DCE and vinyl chloride were not detected above the laboratory reporting limit.
- MW-102: The monitoring well is located on the north-central portion of the Site and screened at 5-15 fbg. None of the contaminants of concern were detected above the laboratory reporting limits, except for PCE, which was detected below the applicable standards.
- MW-103: The monitoring well is located in the northern portion of the Site and screened at 5 to 15 fbg. PCE and TCE were detected at concentrations below the applicable Class GA Standards. Cis-1,2-DCE and vinyl chloride were not detected above the laboratory reporting limit.
- MW-104: The monitoring well is located on the western portion of the Site and screened at 5 to 15 fbg. PCE was detected in exceedance of the Class GA Standards. TCE and cis-1,2-DCE were detected at a concentration below the Class GA Standards. Vinyl chloride was not detected above the laboratory reporting limit.
- MW-105: The monitoring well is located near the southwestern corner of the treatment building and screened at 5 to 15 fbg. PCE was detected in exceedance of the Class GA Standards. TCE and cis-1,2-DCE were detected at a concentration below the Class GA Standards. Vinyl chloride was not detected above the laboratory reporting limit. MW-B was collected as a duplicate of sample MW-105. Detected concentrations of PCE, TCE, cis-1,2-DCE, and vinyl chloride were similar between the two samples.
- MW-106: The monitoring well is located in the southeastern corner of the Site and screened at 5 to 15 fbg. PCE and cis-1,2-DCE were detected in exceedance of the Class GA Standards. TCE and vinyl chloride were detected at concentrations below the Class GA Standards.
- MW-107: The monitoring well is located in the southern portion of the Site and screened at 5 to 15 fbg. PCE and TCE were detected at concentrations below the Class GA

Standards. Cis-1,2-DCE and vinyl chloride were not detected above the laboratory reporting limits.

- MW-108: The monitoring well is located in the southwestern corner of the Site and screened at 5 to 15 fbg. PCE, TCE, and cis-1,2-DCE were detected at concentrations below the Class GA Standards. Vinyl chlorides were not detected above the laboratory reporting limits.
- RW-1: The 4-inch extraction well is located in the southwestern portion of the Site and screened at 10-35 fbg. None of the contaminants of concern were detected above the laboratory reporting limits.
- MW-2S: The monitoring well is located on Tompkins Street, approximately 200 feet to the south of the Site and screened at 12 to 22 fbg. PCE, TCE, cis-1,2-DCE, and vinyl chloride were detected in this monitoring well at concentrations exceeding the Class GA Groundwater Standards.
- MW-109: The monitoring well is located on Orchard Street, approximately 1,700 feet to the southwest of the Site and screened at 25-35 fbg. TCE and cis-1,2-DCE were detected at concentrations below the Class GA Standards. PCE and vinyl chloride were not detected above the laboratory reporting limits.
- MW-111: The monitoring well is located on Lane Street, approximately 500 feet to the southwest of the Site, and screened at 25-35 fbg. None of the contaminants of concern were detected above the laboratory reporting limits.
- RW-2: The 4-inch extraction well is located on Orchard Street, approximately 1,500 feet to the southwest of the Site, and screened at 12-37 fbg. Sample MW-A was collected as a duplicate of sample RW-2. None of the contaminants of concern were detected above the laboratory reporting limits.

In addition to the constituents listed in the tables, several other VOCs were detected in the groundwater samples at concentrations below the Class GA Standards.

Groundwater from recovery wells RW-1 and RW-2 was analyzed for metals. The results are presented in Table 2 below:

Table 2: Metals in groundwater

		Sample Name:	RW-1	RW-2	RW-2 Dup	RW-1	RW-2	RW-2 Dup
Analytes	**Unit**	**Class GA Criteria**	Sampled 10/25/2021			Sampled January 2022		
Aluminum, Total	ug/l	NE	< 200	118	107	< 49	< 49	< 49
Antimony	ug/l	3	< 20.0	< 20.0	< 20.0	< 13	< 13	< 13
Arsenic	ug/l	25	< 15.0	< 15.0	< 15.0	< 6.8	< 6.8	< 6.8
Barium	ug/l	1,000	< 200	< 200	< 200	18	25	24
Beryllium	ug/l	3	< 2.0	< 2.0	< 2.0	< 1.1	< 1.1	< 1.1
Cadmium	ug/l	5	< 4.0	< 4.0	< 4.0	< 1.6	< 1.6	< 1.6
Calcium	ug/l	NE	27,500	31,100	32,800	30,000	67,000	65,000
Chromium, Total	ug/l	50	< 10.0	< 10.0	< 10.0	< 5	< 5	< 5

Sample Name:			RW-1	RW-2	RW-2 Dup	RW-1	RW-2	RW-2 Dup
Analytes	**Unit**	**Class GA Criteria**	Sampled 10/25/2021			Sampled January 2022		
Cobalt	ug/l	NE	< 50.0	< 50.0	< 50.0	< 2	< 2	< 2
Copper	ug/l	200	< 25.0	11.1	11.7	< 3	< 3	< 3
Iron	ug/l	300	286	**2,550**	**2,680**	220	**5,000**	**4,600**
Lead	ug/l	25	3.1	3.5	2.8	5.9	< 5.3	< 5.3
Magnesium	ug/l	35,000	4,520	22,300	23,400	4,600	**110,000**	**110,000**
Manganese	ug/l	300	**1,910**	119	125	**1,600**	230	220
Mercury	ug/l	0.7	< 0.20	< 0.20	< 0.20	< 0.05	< 0.05	< 0.05
Nickel	ug/l	100	< 40.0	< 40.0	< 40.0	< 3	< 3	< 3
Potassium, Total	ug/l	NE	2,390	11,100	11,700	3,300	41,000	40,000
Selenium	ug/l	10	< 20.0	< 20.0	< 20.0	< 13	< 13	< 13
Silver	ug/l	50	< 10.0	< 10.0	< 10.0	< 4	< 4	< 4
Sodium, Total	ug/l	20,000	**33,500**	**219,000**	**231,000**	**41,000**	**930,000**	**840,000**
Thallium	ug/l	0.5	< 20.0	< 20.0	< 20.0	< 21	< 21	< 21
Vanadium	ug/l	NE	< 50.0	< 50.0	< 50.0	< 3	17	17
Zinc	ug/l	2,000	< 30.0	14.1	16.5	< 3.7	4.3	< 3.7

5.0 MAINTENANCE ISSUES AND RECOMMENDED SOLUTIONS

No maintenance issues were identified during the first quarter of 2022.

6.0 FUTURE ACTIVITIES

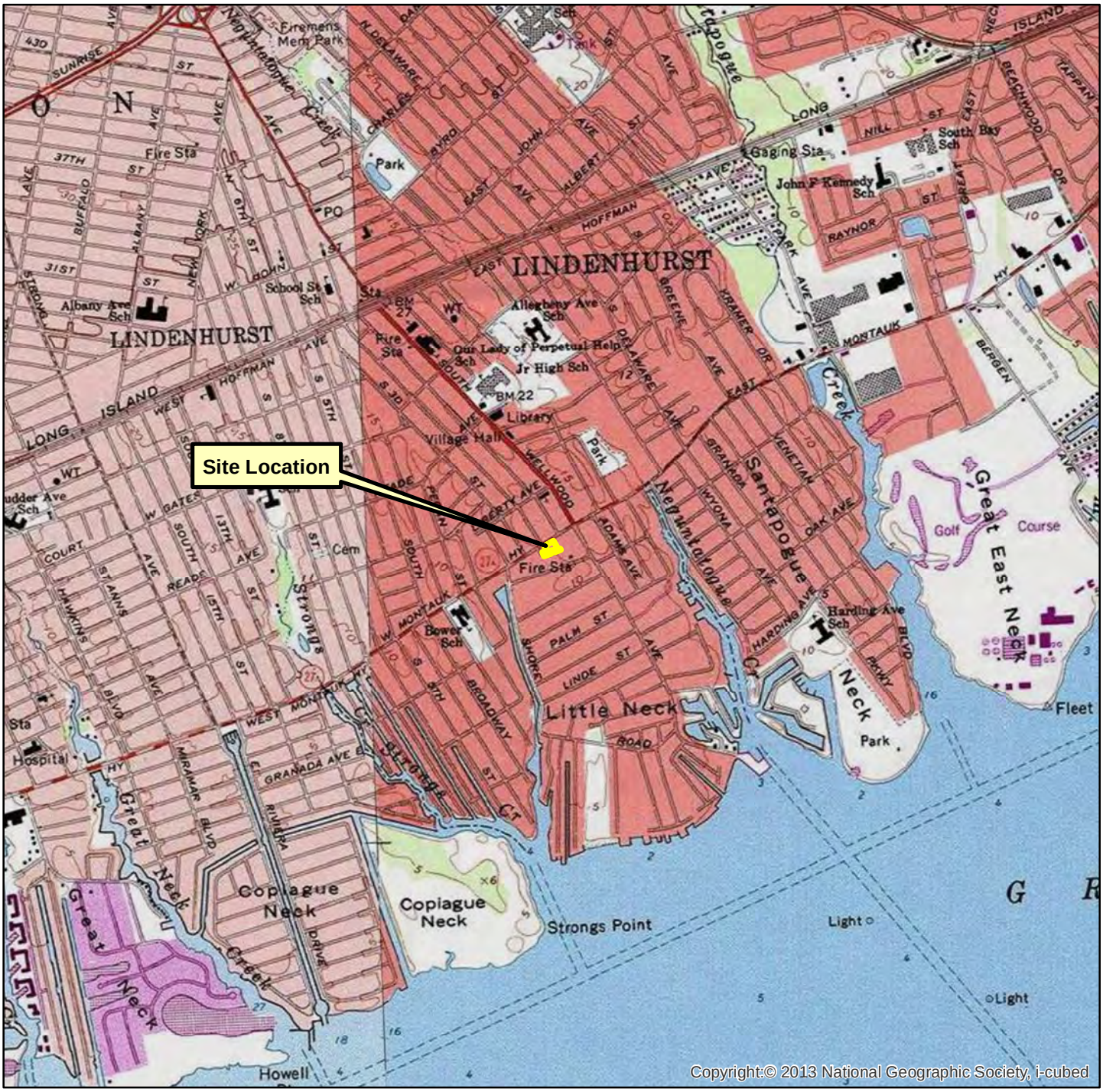
Future maintenance and monitoring activities at the Site include the following:

- Routine monthly maintenance activities will continue;
- A contractor will be retained in 2022 to remove the AST from inside the building, per approval by the NYSDEC; and
- Groundwater monitoring will be completed every 5th quarter, per approval by the NSYDEC. The next groundwater monitoring event is scheduled to be completed in the second quarter of 2023.

7.0 PROGRESS TOWARD CLEANUP OBJECTIVES

Based on review of O&M field notes and laboratory analysis of samples collected from the groundwater well network, continued monitoring is recommended to monitor the natural attenuation of the dissolved-phase chlorinated solvents detected in groundwater.

FIGURES



0 1,000 2,000 4,000 6,000 8,000

Feet

1 inch = 2,000 feet

N

USGS Quadrangle Information
Quad ID: 40073-F3
Name: Bay Shore West, New York
Date Rev: 1978
Date Pub: 1979

Figure 1
Site Location
63 West Montauk Highway
Lindenhurst, New York
NYSDEC Site No. 152125
HRP # DEC1004.OM
Scale 1" = 2,000'

HRP
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ONE FAIRCHILD SQUARE
SUITE 110
CLIFTON PARK, NY 12065
(518) 877-7101
HRPASSOCIATES.COM

Path: S:\Data\NNYDEC - NEW YORK STATE DEPARTMENT OF ENVIRONMENTAL CONSERVATION\BABYLON\63 WEST MERRICK ROAD\DEC1004OM\GIS\Figure 1 - 63 West Montauk.mxd

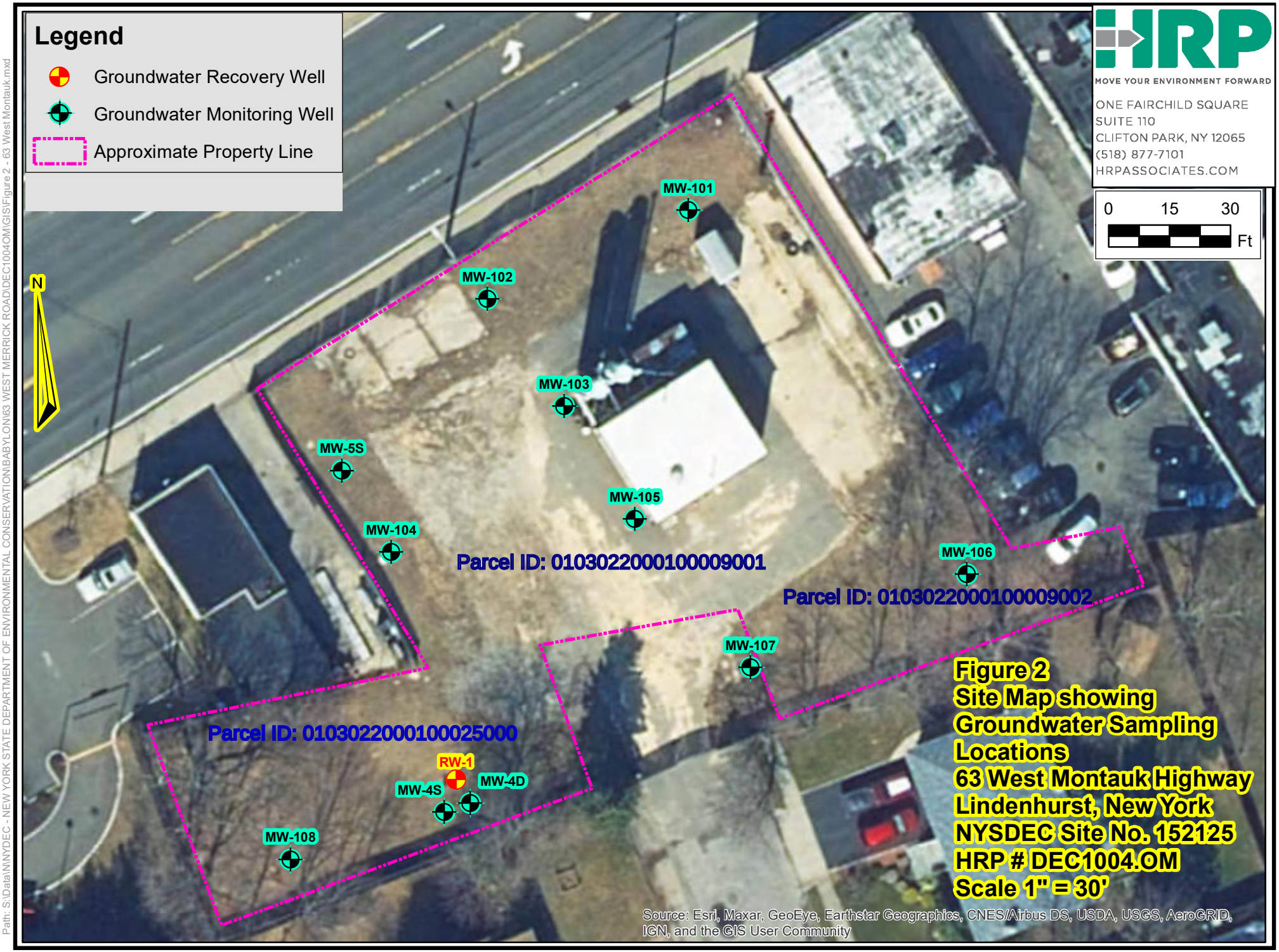

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Figure 2
Site Map showing Groundwater Sampling Locations
63 West Montauk Highway
Lindenhurst, New York
NYSDEC Site No. 152125
HRP # DEC1004.OM
Scale 1" = 30'

Path: S:\Data\NNYDEC - NEW YORK STATE DEPARTMENT OF ENVIRONMENTAL CONSERVATION\BABYLON\63 WEST MERRICK ROAD\DEC1004OM\GIS\Figure 2 - 63 West Montauk.mxd

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Site and Surrounding Area: Groundwater Sampling Locations

63 West Montauk Highway
Lindenhurst, New York
NYSDEC Site No. 152125

DESIGNED BY: ASI	SHEET SIZE: 11X17
DRAWN BY: BOB	DATE: 08/04/2020
REVIEWED BY: DJF	PROJECT NUMBER: DEC1004.OM

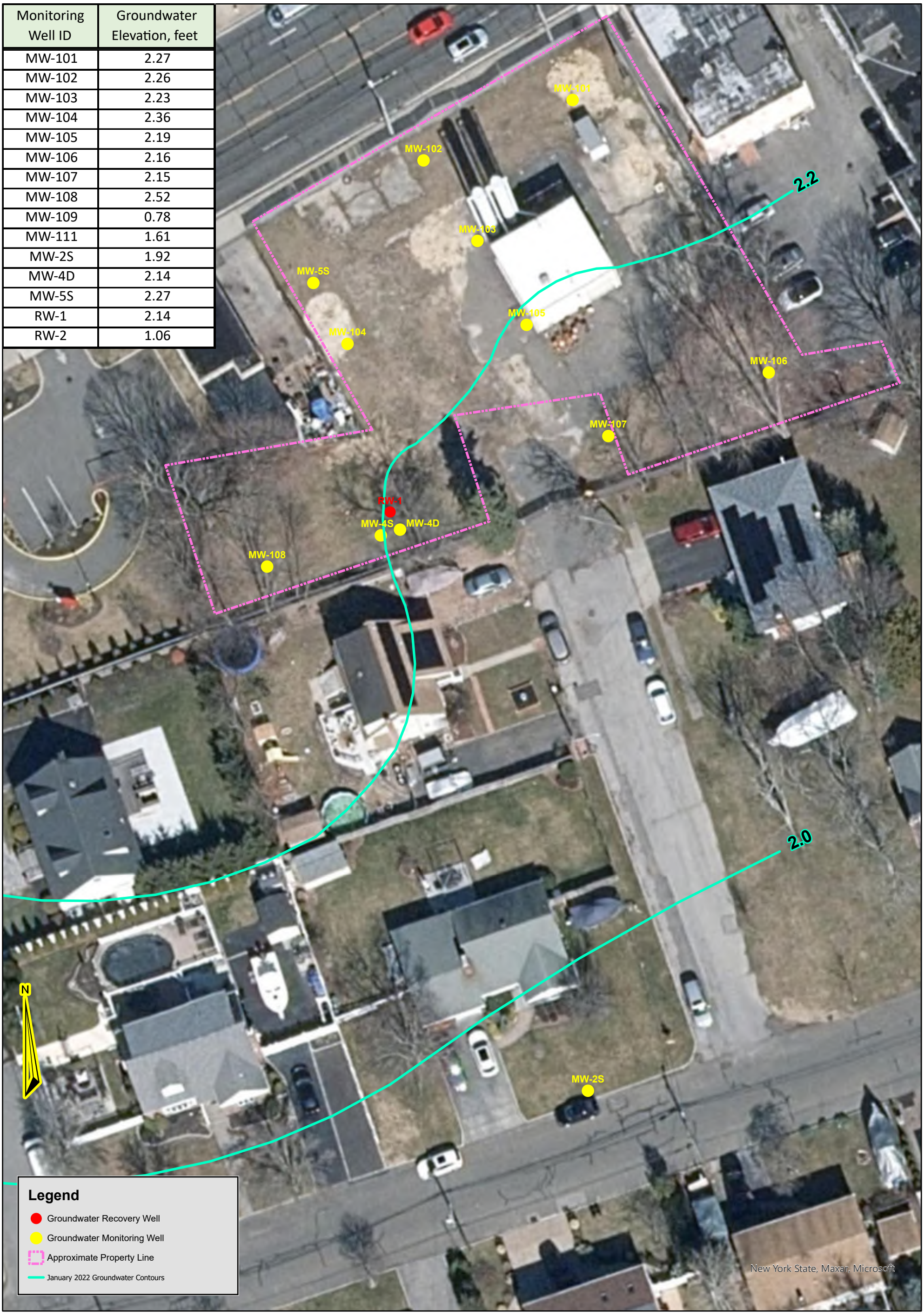
North

1 in = 150 ft
0 75 150 Ft

FIGURE
3

Path: S:\Data\NNYDEC - NEW YORK STATE DEPARTMENT OF ENVIRONMENTAL CONSERVATION\BABYLON\63 WEST MERRICK ROAD\DEC1004OM\GIS\Figure 3 - 63 West Montauk.mxd

Monitoring Well ID	Groundwater Elevation, feet
MW-101	2.27
MW-102	2.26
MW-103	2.23
MW-104	2.36
MW-105	2.19
MW-106	2.16
MW-107	2.15
MW-108	2.52
MW-109	0.78
MW-111	1.61
MW-2S	1.92
MW-4D	2.14
MW-5S	2.27
RW-1	2.14
RW-2	1.06



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January 2022 Groundwater Contour Map

63 West Montauk Highway
Lindenhurst, New York
NYSDEC Site No. 152125

ASI DESIGNED BY:	11X17 SHEET SIZE:
BOB DRAWN BY:	05/11/2022 DATE:
DJF REVIEWED BY:	DEC1004.OM PROJECT NUMBER:

North

1" = 30'
0 15 30 Ft

FIGURE 4

APPENDIX A

Operation and Maintenance Reports

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	Fire Extinguishers annual inspection	Annual		
13	Emergency Lighting Testing	Monthly	1-5-2022	

Inspected By: Dave Adam
Inspection Date: 1-5-2022

Other Items Noted:

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	Fire Extinguishers annual inspection	Annual		
13	Emergency Lighting Testing	Monthly		

Inspected By: ZAG
Inspection Date: 2/24/22

Other Items Noted:

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	Fire Extinguishers annual inspection	Annual		
13	Emergency Lighting Testing	Monthly		

Inspected By: DJA
Inspection Date: 3-31-22

Other Items Noted:

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

Monitor Well Data Sheet

Well ID: MW-2s

Site Background Information

Site Location:	63 West Merrick Rd, Lindenhurst, NY	**Sampling Dates:**	1/5-6/22
Job Number:	DEC1004.OM	**Field Team Leader:**	—
Weather:	M. Cloudy, 39° F	**Team Personnel:**	KG, DJA, CJL

Ground Water Elevation Data

Date	Time	Sampler Name	Equipment Model		Depth to Water (ft)		Depth to Bottom (ft)	
1-5-22	8:40	CJL	Solinst-101		uncorrected	—	uncorrected	—
			corr. factor	0	corrected	5.20	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: BHS
Good	No	

Well Purging Data

Date	Time						Sampler Initials	Instrument Calibration Date
	Equipment Set-up		Purging		Sample Collection			
	Start	Finish	Start	Finish	Start	Finish		
1-6-22	10:24	10:29	10:29	11:03	11:03	11:04	CJL	1-6-22

Instrument Mfg & Model	
pH	YSI 600XL-M / (YSI 556) Serial # 19A01
Temp.	
Sp. Cond.	
ORP	
DO	
Turbidity	HF Scientific DRT-15CE - Serial # HRP-7

Initial Water Depth (ft):	5.21	Time:	10:28

Time	Water Depth (ft)	Flow Rate (ml/min)	pH (s.u.)	Temp (°C)	Sp Con (uS)	ORP (mV)	DO (mg/l)	Turbidity (ntu)
10:32	5.22	120	6.12	12.74	354	163.5	1.96	3.54
10:37	5.22	"	6.15	13.08	354	163.8	1.80	1.77
10:42	5.22	"	6.16	13.27	354	164.5	1.68	1.26
10:47	5.22	"	6.17	13.57	359	164.9	1.64	1.17
10:52	5.22	"	6.18	13.40	361	165.2	1.61	1.04
10:57	5.22	"	6.19	13.67	370	165.5	1.48	0.77
11:02	5.22	"	6.19	13.62	369	165.8	1.46	0.87
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	—	4080	13.50

Sample Containers

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

Type & No.	Volume	Preservative

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Monitor Well Data Sheet

Well ID: MW-4d

Site Background Information

Site Location:	63 West Merrick Rd, Lindenhurst, NY	**Sampling Dates:**	1-5 - 1-6-22
Job Number:	DEC1004.OM	**Field Team Leader:**	
Weather:	rain 35°F	**Team Personnel:**	DJA, CJL

Ground Water Elevation Data

Date	Time	Sampler Name	Equipment Model		Depth to Water (ft)		Depth to Bottom (ft)	
1-5-22	8:49	DJA	Solinst-101		uncorrected		uncorrected	
			corr. factor	0	corrected	6.12	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	

Well Purging Data

Date	Time						Sampler Initials	Instrument Calibration Date
	Equipment Set-up		Purging		Sample Collection			
	Start	Finish	Start	Finish	Start	Finish		
1-5-22	8:15	9:00	9:00	9:55	9:55	9:56	DJA	1-4-22

Instrument Mfg & Model	
pH	YSI 600XL-M / YSI 556 - Serial # prof plus 35101232
Temp.	
Sp. Cond.	
ORP	
DO	
Turbidity	HF Scientific DRT-15CE - Serial # (HRP #)

Initial Water Depth (ft): 6.19 Time: 6:12

Time	Water Depth (ft)	Flow Rate (ml/min)	pH (s.u.)	Temp (°C)	Sp Con (uS)	ORP (mV)	DO (mg/l)	Turbidity (ntu)
9:05	6.16	130	6.98	13.8	253.3	-102.7	1.05	14.8
9:10	6.16		6.96	14.2	246.6	-138.5	0.47	11.5
9:15	6.16		6.97	14.1	246.1	-158.0	0.29	12.9
9:20	6.16		6.98	14.3	247.6	-170.0	0.32	10.3
9:25	6.16		6.99	14.4	248.0	-188.5	0.28	10.7
9:30	6.16		6.99	14.4	248.5	-210.0	0.25	10.2
9:35	6.16		7.02	14.4	249.4	-231.2	0.23	10.6
9:40	6.16		7.07	14.6	249.5	-241.5	0.21	10.3
9:45	6.16		7.03	14.5	250.3	-247.9	0.21	10.2
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	organic	7150	(2.4)

Sample Containers

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

Type & No.	Volume	Preservative

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Monitor Well Data Sheet

Well ID: MW-4d

Site Background Information

Site Location:	63 West Merrick Rd, Lindenhurst, NY	**Sampling Dates:**	1-5 – 1-6-22
Job Number:	DEC1004.OM	**Field Team Leader:**	
Weather:	rain/cloudy 35°	**Team Personnel:**	DJA, CJL

Time	Water Depth (ft)	Flow Rate (ml/min)	pH (s.u.)	Temp (°C)	Sp Con (uS)	ORP (mV)	DO (mg/l)	Turbidity (ntu)
9:50	6.16	130	7.06	14.5	250.7	-253.3	0.20	10.5
9:55	6.16	↓	7.07	14.3	251.4	-255.0	0.20	10.6
Req. Limits for Last 3 Readings			+/- 0.1	3%	3%	+/- 10 mv	10% > 0.5	10% > 5

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Monitor Well Data Sheet

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Well ID: MW-5s

Site Background Information

Site Location:	63 West Merrick Rd, Lindenhurst, NY	**Sampling Dates:**	1-5 - 16-22
Job Number:	DEC1004.OM	**Field Team Leader:**	
Weather:	Cloudy 48	**Team Personnel:**	CJL, DJA

Ground Water Elevation Data

Date	Time	Sampler Name	Equipment Model		Depth to Water (ft)		Depth to Bottom (ft)	
1-5-22	9:25A	CJL	Solinst-101		uncorrected		uncorrected	
			corr. factor	0	corrected	6.06	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		
1-5-22	1:35	1:45	1:45	2:15	2:14	2:16	DJA	1-4-22

Instrument Mfg & Model	
pH	YSI 600XL-M / YSI 556 - Serial # prof plus 351013Z
Temp.	
Sp. Cond.	
ORP	
DO	
Turbidity	HF Scientific DRT-15CE - Serial # MHP #1

Initial Water Depth (ft): 6.03 Time: 1:42

Time	Water Depth (ft)	Flow Rate (ml/min)	pH (s.u.)	Temp (°C)	Sp Con (uS)	ORP (mV)	DO (mg/l)	Turbidity (ntu)
1:50	6.04	140	6.46	15.2	293.4	152.9	1.05	0.54
1:55	6.04		6.18	15.5	294.2	136.1	0.57	0.23
2:00	6.04		6.13	15.7	293.3	122.8	0.38	0.03
2:05	6.04		6.12	15.8	293.3	114.6	0.31	0.10
2:10	6.04		6.11	15.8	293.3	108.3	0.27	0.26
2:15	6.04		6.11	15.8	293.7	105.2	0.25	0.08
~~2:20~~								
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	—	4200	18.58

Sample Containers

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

Type & No.	Volume	Preservativ

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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	**Sampling Dates:**	1/5 - 1/6/22
Job Number:	DEC1004.OM	**Field Team Leader:**	—
Weather:	Cloudy, 44°F	**Team Personnel:**	DJA, CJL, KG

Ground Water Elevation Data

Date	Time	Sampler Name	Equipment Model		Depth to Water (ft)		Depth to Bottom (ft)	
1-5-22	9:28	CJL	Solinst-101		uncorrected	—	uncorrected	—
			corr. factor	0	corrected	6.56	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		
1-5-22	1:47	1:55	1:55	2:24	2:24	2:25	CJL	1-4-22

Instrument Mfg & Model	
pH	YSI 600XL-M / (YSI 556) - Serial # 19A01
Temp.	
Sp. Cond.	
ORP	
DO	
Turbidity	HF Scientific DRT-15CE - Serial # HRP-7

	Initial Water Depth (ft):		6.55	Time:	1:54			
Time	Water Depth (ft)	Flow Rate (ml/min)	pH (s.u.)	Temp (°C)	Sp Con (uS)	ORP (mV)	DO (mg/l)	Turbidity (ntu)
1:58	6.57	120	6.79	12.72	302	114.2	1.44	1.87
2:03	6.57		6.75	13.00	311	113.5	0.71	1.55
2:08	6.57		6.78	12.99	315	111.0	0.73	1.49
2:13	6.57		6.82	13.04	322	105.6	0.76	1.21
2:18	6.57		6.84	13.08	321	101.2	0.80	1.39
2:23	6.57	↓	6.85	13.03	327	97.4	0.82	1.12
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	—	3480	10.55

Sample Containers

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

Type & No.	Volume	Preservative

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Monitor Well Data Sheet

Well ID: MW-102

Site Background Information

Site Location:	63 West Merrick Rd, Lindenhurst, NY	**Sampling Dates:**	1/5 - 1/6/22
Job Number:	DEC1004.OM	**Field Team Leader:**	
Weather:	Fog, 44°F	**Team Personnel:**	DJA, CJL, KG

Ground Water Elevation Data

Date	Time	Sampler Name	Equipment Model		Depth to Water (ft)		Depth to Bottom (ft)	
1-5-22	9:26	CJL	Solinst-101		uncorrected	—	uncorrected	—
			corr. factor	0	corrected	6.40	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	yes	Good	yes

Concrete Collar	Ponded Water	Comments:
Good	No	(1) bolt hole broken

Well Purging Data

Date	Time						Sampler Initials	Instrument Calibration Date
	Equipment Set-up		Purging		Sample Collection			
	Start	Finish	Start	Finish	Start	Finish		
1-5-22	1:01	1:14	1:14	1:43	1:43	1:44	CJL	1-4-22

Instrument Mfg & Model	
pH	YSI 600XL-M / (YSI 556) - Serial # 19A01
Temp.	
Sp. Cond.	
ORP	
DO	
Turbidity	HF Scientific DRT-15CE - Serial # HRP-7

Initial Water Depth (ft): 6.37 Time: 1:13

Time	Water Depth (ft)	Flow Rate (ml/min)	pH (s.u.)	Temp (°C)	Sp Con (uS)	ORP (mV)	DO (mg/l)	Turbidity (ntu)
1:17	6.37	120	7.00	12.62	315	105.4	1.15	0.66
1:22	6.37	"	7.00	13.09	313	101.7	0.81	0.43
1:27	6.37	"	6.99	13.08	312	101.2	0.81	0.40
1:32	6.37	"	6.97	13.18	311	100.6	0.79	0.46
1:37	6.37	"	6.97	13.10	313	100.1	0.78	0.53
1:42	6.37	"	6.93	13.21	309	100.6	0.81	0.26
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	—	3480	10.35

Sample Containers

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

Type & No.	Volume	Preservative

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Monitor Well Data Sheet

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Well ID: MW-103

Site Background Information

Site Location:	63 West Merrick Rd, Lindenhurst, NY	**Sampling Dates:**	1/5 - 1/6/22
Job Number:	DEC1004.OM	**Field Team Leader:**	—
Weather:	Drizzle, 43°F	**Team Personnel:**	DJA, CJL, KG

Ground Water Elevation Data

Date	Time	Sampler Name	Equipment Model	Depth to Water (ft)		Depth to Bottom (ft)	
1-5-22	9:30	CJL	Solinst-101	uncorrected	—	uncorrected	—
			corr. factor 0	corrected	6.34	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:
Good	No	

Well Purging Data

Date	Time						Sampler Initials	Instrument Calibration Date
	Equipment Set-up		Purging		Sample Collection			
	Start	Finish	Start	Finish	Start	Finish		
1-5-22	12:14	12:23	12:23	12:52	12:52	12:53	CJL	1-4-22

Instrument Mfg & Model	
pH	YSI 600XL-M / (YSI 556) Serial # 19A01
Temp.	
Sp. Cond.	
ORP	
DO	
Turbidity	HF Scientific DRT-15CE - Serial # HRP-7

Initial Water Depth (ft): 6.31 Time: 12:22

Time	Water Depth (ft)	Flow Rate (ml/min)	pH (s.u.)	Temp (°C)	Sp Con (uS)	ORP (mV)	DO (mg/l)	Turbidity (ntu)
12:26	6.32	120	6.76	12.54	346	102.4	3.81	3.56
12:31	6.32	"	6.83	13.00	357	103.7	3.40	2.44
12:36	6.32	"	6.84	12.71	361	106.2	3.50	1.55
12:41	6.32	"	6.84	12.74	363	107.4	3.48	1.12
12:46	6.32	"	6.84	12.81	368	108.1	3.47	1.26
12:51	6.32	"	6.84	12.86	366	109.2	3.43	0.97
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	—	3480	9.55

Sample Containers

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

Type & No.	Volume	Preservative

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Monitor Well Data Sheet

Well ID: MW-104

Site Background Information

Site Location:	63 West Merrick Rd, Lindenhurst, NY	**Sampling Dates:**	1-5 – 1-6-22
Job Number:	DEC1004.OM	**Field Team Leader:**	
Weather:	rain 40's	**Team Personnel:**	CSL, DJA

Ground Water Elevation Data

Date	Time	Sampler Name	Equipment Model		Depth to Water (ft)		Depth to Bottom (ft)	
1-5-22	9:23A	CSL	Solinst-101		uncorrected		uncorrected	
			corr. factor	0	corrected	6.34	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		
1-5-22	12:00p	12:24	12:24	1:29	1:29	1:30	DJA	1-4-22

Instrument Mfg & Model	
pH	YSI 600XL-M / YSI 556 - Serial # prof plus 35101732
Temp.	
Sp. Cond.	
ORP	
DO	
Turbidity	HF Scientific DRT-15CE - Serial # HRP #1

Initial Water Depth (ft): 6.31 Time: 12:21

Time	Water Depth (ft)	Flow Rate (ml/min)	pH (s.u.)	Temp (°C)	Sp Con (uS)	ORP (mV)	DO (mg/l)	Turbidity (ntu)
12:29	6.31	140	7.08	14.0	260.7	138.4	7.37	4.85
12:34	6.31		7.11	14.2	251.0	140.2	7.14	3.42
12:39	6.31		7.12	14.1	256.4	142.2	7.10	2.56
12:44	6.31		7.13	13.9	269.6	144.9	6.96	1.76
12:49	6.31		7.14	14.0	270.6	145.2	6.90	1.15
12:54	6.31		7.14	13.9	283.4	147.0	6.83	0.79
12:59	6.31		7.14	13.9	288.9	147.9	6.86	0.76
1:04	6.31		7.14	13.8	298.7	148.2	6.83	0.74
1:09	6.31		7.14	13.9	303.5	148.3	6.76	0.45
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	—	9100	10.38'

Sample Containers

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

Type & No.	Volume	Preservative

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Monitor Well Data Sheet

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Well ID: MW-104

Site Background Information

Site Location: 63 West Merrick Rd, Lindenhurst, NY
Job Number: DEC1004.OM
Weather: R.J 46°
Sampling Dates: 1-5-1-6-22
Field Team Leader:
Team Personnel: LJL, DSA

Time	Water Depth (ft)	Flow Rate (ml/min)	pH (s.u.)	Temp (°C)	Sp Con (uS)	ORP (mV)	DO (mg/l)	Turbidity (ntu)
1:24	6.31	140	7.14	13.9	3[illegible]7	148.7	6.76	0.40
1:29	6.31	↓	7.13	13.9	318.9	148.5	6.23	0.39
1:34	6.31	↓	7.13	13.9	324.7	148.7	6.26	0.41
1:39	6.31	↓	7.13	13.9	327.4	148.7	6.29	0.34
Req. Limits for Last 3 Readings			+/- 0.1	3%	3%	+/- 10 mv	10% > 0.5	10% > 5

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Monitor Well Data Sheet

Well ID: MW-105

Site Background Information

Site Location:	63 West Merrick Rd, Lindenhurst, NY	**Sampling Dates:**	1/5 - 1/6/22
Job Number:	DEC1004.OM	**Field Team Leader:**	—
Weather:	Rain, 41°F	**Team Personnel:**	DJA, CJL, KG

Ground Water Elevation Data

Date	Time	Sampler Name	Equipment Model		Depth to Water (ft)		Depth to Bottom (ft)	
1-5-22	9:32	CJL	Solinst-101		uncorrected	—	uncorrected	—
			corr. factor	0	corrected	6.39	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:
Good	No	(Dupe = MW-B)

Well Purging Data

Date	Time						Sampler Initials	Instrument Calibration Date
	Equipment Set-up		Purging		Sample Collection			
	Start	Finish	Start	Finish	Start	Finish		
1-5-22	11:28	11:39	11:39	12:08	12:08	12:10	CJL	1-4-22

Instrument Mfg & Model	
pH	YSI 600XL-M / (YSI 556) - Serial # 19A01
Temp.	
Sp. Cond.	
ORP	
DO	
Turbidity	HF Scientific DRT-15CE - Serial # HRP-7

	Initial Water Depth (ft):	6.39		Time:	11:38			
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	6.40	120	6.38	13.97	315	71.8	1.03	2.16
11:47	6.40	"	6.48	14.42	352	86.0	0.75	1.34
11:52	6.40	"	6.49	14.56	352	87.5	0.72	0.91
11:57	6.40	"	6.48	14.51	347	90.9	0.74	0.75
12:02	6.40	"	6.48	14.65	353	92.2	0.75	0.61
12:07	6.40	"	6.51	14.52	356	91.1	0.77	0.49 ✓
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	—	3480	10.36

Sample Containers

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

Type & No.	Volume	Preservative

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Monitor Well Data Sheet

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Well ID: MW-106

Site Background Information

Site Location:	63 West Merrick Rd, Lindenhurst, NY	**Sampling Dates:**	1/5 - 1/6/22
Job Number:	DEC1004.OM	**Field Team Leader:**	—
Weather:	Cloudy, 38°F	**Team Personnel:**	DJA, CJL, KG

Ground Water Elevation Data

Date	Time	Sampler Name	Equipment Model		Depth to Water (ft)		Depth to Bottom (ft)	
			Solinst-101		uncorrected	—	uncorrected	—
1-5-22	9:36	CJL	corr. factor	0	corrected	6.34	corrected	13.68

Measurement Point: 2" pvc,HW

Well Condition (circle one)

General Condition	Visible Well ID	Well Cap Present	Well Plumbness	Lock
Fair	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		
1-5-22	9:40	9:57	9:57	10:26	10:26	10:27	CJL	1-4-22

Instrument Mfg & Model	
pH	YSI 600XL-M / (YSI 556) - Serial # 19A01
Temp.	
Sp. Cond.	
ORP	
DO	
Turbidity	HF Scientific DRT-15CE - Serial # HRP-7

Initial Water Depth (ft):			6.34	Time:	9:56			
Time	Water Depth (ft)	Flow Rate (ml/min)	pH (s.u.)	Temp (°C)	Sp Con (uS)	ORP (mV)	DO (mg/l)	Turbidity (ntu)
10:00	6.35	120	6.58	13.47	272	6.9	0.95	4.51
10:05	6.35	"	6.52	13.63	267	-6.5	0.80	2.45
10:10	6.35	"	6.51	13.65	265	-17.0	0.71	2.21
10:15	6.35	"	6.48	13.53	254	-19.4	0.68	1.55
10:20	6.35	"	6.47	13.85	254	-23.7	0.70	1.69
10:25	6.35	"	6.47	13.83	255	-25.4	0.73	1.45
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	—	3480	10.01

Sample Containers

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

Type & No.	Volume	Preservative

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

Monitor Well Data Sheet

Well ID: MW-107

Site Background Information

Site Location:	63 West Merrick Rd, Lindenhurst, NY	**Sampling Dates:**	1/5 - 1/6/22
Job Number:	DEC1004.OM	**Field Team Leader:**	—
Weather:	Light Rain Showers, 39°F	**Team Personnel:**	DJA, CJL, KG

Ground Water Elevation Data

Date	Time	Sampler Name	Equipment Model		Depth to Water (ft)		Depth to Bottom (ft)	
1-5-22	9:34	CJL	Solinst-101		uncorrected	—	uncorrected	—
			corr. factor	0	corrected	6.29	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		
1-5-22	10:30	10:39	10:39	11:23	11:23	11:24	CJL	1-4-22

Instrument Mfg & Model	
pH	YSI 600XL-M / (YSI 556) Serial # 19A01
Temp.	
Sp. Cond.	
ORP	
DO	
Turbidity	HF Scientific DRT-15CE - Serial # HRP-7

Initial Water Depth (ft): 6.29 Time: 10:38

Time	Water Depth (ft)	Flow Rate (ml/min)	pH (s.u.)	Temp (°C)	Sp Con (uS)	ORP (mV)	DO (mg/l)	Turbidity (ntu)
10:42	6.30	120	6.51	13.86	269	77.9	1.17	6.75
10:47	6.30	〃	6.59	14.03	273	62.8	1.06	5.83
10:52	6.30	〃	6.66	14.18	282	26.1	0.91	8.91
10:57	6.30	〃	6.69	14.06	288	8.3	0.88	3.93
11:02	6.30	〃	6.71	14.08	292	-8.2	0.85	3.21
11:07	6.30	〃	6.73	14.00	296	-15.5	0.84	3.86
11:12	6.30	〃	6.75	14.17	300	-26.9	0.81	2.71
11:17	6.30	〃	6.76	14.07	305	-29.7	0.84	2.07
11:22	6.30	〃	6.76	14.16	305	-35.9	0.85	1.99
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	10.44

Sample Containers

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

Type & No.	Volume	Preservative

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

Monitor Well Data Sheet

Well ID: Mw-108

Site Background Information

Site Location:	63 West Merrick Rd, Lindenhurst, NY	**Sampling Dates:**	1-5 - 1.6.22
Job Number:	DEC1004.OM	**Field Team Leader:**	
Weather:	rain 38°	**Team Personnel:**	GSL, DJA

Ground Water Elevation Data

Date	Time	Sampler Name	Equipment Model		Depth to Water (ft)		Depth to Bottom (ft)	
1/5/22	9:18A	GSL	Solinst-101		uncorrected		uncorrected	
			corr. factor	0	corrected	6.70	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		
1-5-22	11:00	11:24	11:24	12:09	12:04	12:05	DJA	1/4/22

Instrument Mfg & Model

pH	YSI 600XL-M / YSI 556 - Serial # prof plus 35101232
Temp.	
Sp. Cond.	
ORP	
DO	
Turbidity	HF Scientific DRT-15CE - Serial # Hmp #1

Initial Water Depth (ft): 6.66 Time: 11:21

Time	Water Depth (ft)	Flow Rate (ml/min)	pH (s.u.)	Temp (°C)	Sp Con (uS)	ORP (mV)	DO (mg/l)	Turbidity (ntu)
11:29	6.65	140	6.50	14.2	390.5	121.4	1.35	6.98
11:34	6.65		6.39	14.4	399.4	110.8	1.35	6.02
11:39	6.65		6.39	14.5	403.0	101.4	1.18	4.91
11:44	6.65		6.39	14.6	411.1	93.4	0.89	3.84
11:49	6.65		6.40	14.6	415.6	89.9	0.84	3.06
11:54	6.65		6.40	14.6	422.7	81.2	0.71	2.06
11:59	6.65		6.40	14.7	422.0	76.7	0.71	1.59
12:04	6.65		6.40	14.6	424.7	73.6	0.73	1.39 ✓
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	—	5600	10.5'6

Sample Containers

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

Type & No.	Volume	Preservative

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

Monitor Well Data Sheet

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Well ID: Mw-109

Site Background Information

Site Location:	63 West Merrick Rd, Lindenhurst, NY	**Sampling Dates:**	1-5-22 - 1.6.22
Job Number:	DEC1004.OM	**Field Team Leader:**	
Weather:	cloudy ~~sunny~~ 37	**Team Personnel:**	DJA, GJL, KG

Ground Water Elevation Data

Date	Time	Sampler Name	Equipment Model		Depth to Water (ft)		Depth to Bottom (ft)	
			Solinst-101		uncorrected		uncorrected	
1-5-22	8:56A	GJL	corr. factor	0	corrected	0.43	corrected	34.50

Measurement Point: 2" pvc HW

Well Condition (circle one)

General Condition	Visible Well ID	Well Cap Present	Well Plumbness	Lock
good	yes	yes	good	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		
1-6-22	9:30	10:07	10:07	10:45	10:45	10:46	DJA	1-6-22

Instrument Mfg & Model

pH	YSI 600XL-M / YSI 556 - Serial # prof plus 35102232
Temp.	
Sp. Cond.	
ORP	
DO	
Turbidity	HF Scientific DRT-15CE - Serial # HRP #1

Initial Water Depth (ft): 0.76 Time: 10:02

Time	Water Depth (ft)	Flow Rate (ml/min)	pH (s.u.)	Temp (°C)	Sp Con (uS)	ORP (mV)	DO (mg/l)	Turbidity (ntu)
10:00	0.68	120	5.58	10.3	32367	158.3	0.87	1.44
10:15	0.68		6.10	10.5	33658	148.1	0.42	1.97
10:20	0.68		6.24	11.0	33760	139.4	0.39	0.62
10:25	0.68		6.32	11.0	33795	132.3	0.66	0.98
10:30	0.66		6.37	11.4	33847	124.3	0.55	0.89
10:35	0.66		6.40	11.3	33921	119.0	0.46	0.77
10:40	0.63		6.42	11.4	33,866	114.3	0.39	0.96
10:45	0.63		6.44	11.5	33,903	111.4	0.34	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	—	4560	29.5

Sample Containers

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

Type & No.	Volume	Preservative

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

Monitor Well Data Sheet

Well ID: MW-111

Site Background Information

Site Location:	63 West Merrick Rd, Lindenhurst, NY	**Sampling Dates:**	1/5-6/22
Job Number:	DEC1004.OM	**Field Team Leader:**	
Weather:	M. Cloudy, 39°F	**Team Personnel:**	KG, DJA, CJL

Ground Water Elevation Data

Date	Time	Sampler Name	Equipment Model		Depth to Water (ft)		Depth to Bottom (ft)	
1-5-22	8:47	CJL	Solinst-101		uncorrected	—	uncorrected	—
			corr. factor	0	corrected	2.75	corrected	34.40

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 bolt-hole tabs broken.

Well Purging Data

Date	Time						Sampler Initials	Instrument Calibration Date
	Equipment Set-up		Purging		Sample Collection			
	Start	Finish	Start	Finish	Start	Finish		
1-6-22	9:42	9:49	9:49	10:18	10:18	10:19	CJL	1-6-22

Instrument Mfg & Model	
pH	YSI 600XL-M / (YSI 556) - Serial # 19A01
Temp.	
Sp. Cond.	
ORP	
DO	
Turbidity	HF Scientific DRT-15CE - Serial # HRP-7

Initial Water Depth (ft):	2.87	Time:	9:48				
Time	Water Depth (ft)	Flow Rate (ml/min)	pH (s.u.)	Temp (°C)	Sp Con (uS)	ORP (mV)	DO (mg/l)	Turbidity (ntu)
9:52	2.94	120	7.01	11.53	448	105.1	1.57	5.11
9:57	2.95	"	6.11	12.05	414	136.7	0.94	4.31
10:02	2.95	"	6.06	12.16	407	147.9	0.83	3.93
10:07	2.95	"	6.02	12.32	405	155.3	0.80	4.05
10:12	2.95	"	6.00	12.34	401	160.0	0.77	3.76
10:17	2.95	"	5.99	12.54	399	163.6	0.75	4.66
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/ Org. Part.	—	3480	29.40

Sample Containers

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

Type & No.	Volume	Preservative

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197 Scott Swamp Rd.
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(860) 674-9570

Monitor Well Data Sheet

Page 1 of 1

Well ID: RW-1

Site Background Information

Site Location:	63 West Merrick Rd, Lindenhurst, NY	**Sampling Dates:**	1-5 - 1-6-22
Job Number:	DEC1004.OM	**Field Team Leader:**	
Weather:	foggy 35	**Team Personnel:**	CSL, DJA

Ground Water Elevation Data

Date	Time	Sampler Name	Equipment Model		Depth to Water (ft)		Depth to Bottom (ft)	
1-5-22	9:13	CSL	Solinst-101		uncorrected		uncorrected	
			corr. factor	0	corrected	9.33	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	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		
1-5-22	10:00	10:16	10:16	10:55	10:55	10:58	DJA	1-4-22

Instrument Mfg & Model	
pH	YSI 600XL-M / YSI 556 - Serial # prof plus 35101232
Temp.	
Sp. Cond.	
ORP	
DO	
Turbidity	HF Scientific DRT-15CE - Serial # Imp #1

Initial Water Depth (ft): 9.36 Time: 10:15

Time	Water Depth (ft)	Flow Rate (ml/min)	pH (s.u.)	Temp (°C)	Sp Con (uS)	ORP (mV)	DO (mg/l)	Turbidity (ntu)
10:20	9.35	140	6.91	13.3	326.0	20.3	0.58	4.87
10:25	9.35		6.93	14.3	326.1	38.6	0.48	1.27
10:30	9.35		6.92	14.4	326.1	18.4	0.35	2.34
10:35	9.35		6.91	14.5	325.9	1.2	0.57	1.82
10:40	9.35		6.91	14.4	326.2	-4.8	0.43	2.05
10:45	9.35		6.90	15.0	326.5	-8.5	0.32	2.66
10:50	9.35		6.90	15.1	326.9	-10.7	0.27	2.24
10:55	9.35		6.89	15.1	326.8	-11.4	0.25	1.48
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	—	5460	28.92

Sample Containers

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

Type & No.	Volume	Preservative

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

Monitor Well Data Sheet

Well ID: RW-2

Site Background Information

Site Location:	63 West Merrick Rd, Lindenhurst, NY	**Sampling Dates:**	1/5 - 1/6/22
Job Number:	DEC1004.OM	**Field Team Leader:**	
Weather:	Overcast 39°F	**Team Personnel:**	DJA, CJC/CG

Ground Water Elevation Data

Date	Time	Sampler Name	Equipment Model		Depth to Water (ft)		Depth to Bottom (ft)	
1/5/22	9:00	CJC	Solinst-101		uncorrected		uncorrected	
			corr. factor	0	corrected	0.45	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	~~Yes~~ No	Good	No

Concrete Collar	Ponded Water	Comments:
Good	Yes	Dupe = MW-A

Well Purging Data

Date	Time						Sampler Initials	Instrument Calibration Date
	Equipment Set-up		Purging		Sample Collection			
	Start	Finish	Start	Finish	Start	Finish		
1/6/22	9:54	9:54	9:59	11:19	11:19	11:25	KG	1/6/22

Instrument Mfg & Model	
pH	YSI 600XL-M / YSI 556 - Serial # 04C2466AB
Temp.	
Sp. Cond.	
ORP	
DO	
Turbidity	HF Scientific DRT-15CE - Serial # H214

Initial Water Depth (ft): 0.52 Time: 9:54

Time	Water Depth (ft)	Flow Rate (ml/min)	pH (s.u.)	Temp (°C)	Sp Con (uS)	ORP (mV)	DO (mg/l)	Turbidity (ntu)
10:03	0.54	120	8.43	9.55	4771	45.1	5.99	61.1
10:08	0.57		8.48	10.19	4826	33.9	0.62	48.1
10:13	0.56		8.51	10.46	4825	0.7	0.57	93.9
10:18	0.58		8.53	10.55	4818	-26.4	0.47	84.7
10:23	0.58		8.55	10.64	4825	-48.9	0.44	84.4
10:28	0.60		8.56	10.74	4813	-91.8	0.42	82.6
10:33	0.63		8.57	10.90	4816	-125.8	0.38	61.1
10:38	0.67		8.57	10.97	4816	-138.0	0.38	50.3
10:43	0.72		8.57	10.90	4815	-160.0	0.38	44.3
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	-	9600	30.05

Sample Containers

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

Type & No.	Volume	Preservative

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

Monitor Well Data Sheet

Page 2 of 2

Well ID: RW-2

Site Background Information

Site Location:	63 West Merrick Rd, Lindenhurst, NY	**Sampling Dates:**	1/5 - 1/6/22
Job Number:	DEC1004.OM	**Field Team Leader:**	
Weather:	Overcast 37°F	**Team Personnel:**	AJA, CJC, JLS

Time	Water Depth (ft)	Flow Rate (ml/min)	pH (s.u.)	Temp (°C)	Sp Con (uS)	ORP (mV)	DO (mg/l)	Turbidity (ntu)
10:48	0.77	120	8.58	10.73	4807	-182.1	0.37	42.1
10:53	0.80		8.58	11.08	4798	-204.8	0.35	42.4
10:58	0.82		8.58	11.05	4805	-219.6	0.36	40.9
11:03	0.83		8.59	10.96	4809	-235.0	0.36	48.3
11:08	0.84		8.60	10.94	4803	-242.8	0.35	39.6
11:13	0.86		8.60	10.87	4803	-238.5	0.35	41.2
11:18	0.86	↓	8.60	10.96	4800	-247.8	0.35	39.1
Req. Limits for Last 3 Readings			+/- 0.1	3%	3%	+/- 10 mv	10% > 0.5	10% > 5

DAILY INSPECTION REPORT

Report No. **(Site Name) - NYSDEC Site No. _152125_________** Date: 02/24/22

NYSDEC Division of Environmental Remediation				**NYSDEC Contract No. D011107** Superintendent: NYSDEC PM: P. Long Consultant PM: D. Feinson Consultant Site Inspectors: D. Adam K. Gandarillas
Site Location: 63 West Montauk Highway Lindenhurst, NY				
Weather Conditions				
General Description	sunny	AM		PM
Temperature	30	AM		PM
Wind	SW	AM		PM

Health & Safety
If any box below is checked "Yes", provide explanation under "Health & Safety Comments".

Were there any changes to the Health & Safety Plan?	*Yes	No	NA
Were there any exceedances of the perimeter air monitoring reported on this date?	*Yes	No	NA
Were there any nuisance issues reported/observed on this date?	*Yes	No	NA

Health & Safety Comments

Summary of Work Performed	Arrived at site:	10:15am	Departed Site:	**10:45am**

Monthly building/fire inspection.

Equipment/Material Tracking
If any box below is checked "Yes", provide explanation under "Material Tracking Comments".

Were there any vehicles which did not display proper D.O.T numbers and placards?	*Yes	No	NA
Were there any vehicles which were not tarped?	* Yes	No	NA
Were there any vehicles which were not decontaminated prior to exiting the work site?	* Yes	No	NA

Personnel and Equipment

Individual	Company	Trade	Total Hours
David Adam	HRP	Technician	.5
Keith Gandarillas	HRP	Technician	.5

Equipment Description	Contractor/Vendor	Qntity	Used

Material Description	Imported/ Delivered to Site	Exported off Site	Waste Profile (If Applicable)	Source or Disposal Facility (If Applicable)	Daily Loads	Daily Weight (tons)*

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

Equipment/Material Tracking Comments:

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.

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

Site Photographs (Descriptions Below)	

Comments	
Site Inspector(s):	**Date:**

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 ☒
Comments:		

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 ☐
Comments:		

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☒
Comments:			

Report No. **(Site Name) - NYSDEC Site No. _152125_** Date: 03/31/22

NYSDEC
Division of Environmental Remediation

NYSDEC Contract No. D011107

Superintendent:

NYSDEC PM: P. Long

Consultant PM: D. Feinson

Consultant Site Inspectors: D. Adam

Site Location: 63 West Montauk Highway Lindenhurst, NY

Weather Conditions				
General Description	cloudy	AM		PM
Temperature	55	AM		PM
Wind	SSW	AM		PM

Health & Safety
If any box below is checked "Yes", provide explanation under "Health & Safety Comments".

Were there any changes to the Health & Safety Plan?	*Yes	No	NA
Were there any exceedances of the perimeter air monitoring reported on this date?	*Yes	No	NA
Were there any nuisance issues reported/observed on this date?	*Yes	No	NA

Health & Safety Comments

Summary of Work Performed	Arrived at site:	9:50am	Departed Site:	**10:20am**

Monthly building/fire inspection.

Equipment/Material Tracking
If any box below is checked "Yes", provide explanation under "Material Tracking Comments".

Were there any vehicles which did not display proper D.O.T numbers and placards?	*Yes	No	NA
Were there any vehicles which were not tarped?	* Yes	No	NA
Were there any vehicles which were not decontaminated prior to exiting the work site?	* Yes	No	NA

Personnel and Equipment

Individual	Company	Trade	Total Hours
David Adam	HRP	Technician	.5
			.5

Equipment Description	Contractor/Vendor	Qntity	Used

Report No. **(Site Name) - NYSDEC Site No. _152125_________** Date: 03/31/22

Material Description	Imported/ Delivered to Site	Exported off Site	Waste Profile (If Applicable)	Source or Disposal Facility (If Applicable)	Daily Loads	Daily Weight (tons)*

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

Equipment/Material Tracking Comments:

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.

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

Site Photographs (Descriptions Below)	

Comments	
Site Inspector(s):	**Date:**

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 ☒
Comments:		

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 ☐
Comments:		

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☒
Comments:			

DAILY INSPECTION REPORT

Report No. **(Site Name) - NYSDEC Site No. _152125_** Date: 01/05/22

NYSDEC
Division of Environmental Remediation

NYSDEC Contract No. D011107

Superintendent:

NYSDEC PM: P. Long

Consultant PM: D. Feinson

Consultant Site Inspectors: Labbe,Adam,Ganderillas

Site Location: 63 West Montauk Highway Lindenhurst, NY

Weather Conditions				
General Description	Cloudy rain	AM	Cloudy showers	PM
Temperature	34	AM	44	PM
Wind	E	AM	SW	PM

Health & Safety
If any box below is checked "Yes", provide explanation under "Health & Safety Comments".

Were there any changes to the Health & Safety Plan?	*Yes	No	NA
Were there any exceedances of the perimeter air monitoring reported on this date?	*Yes	No	NA
Were there any nuisance issues reported/observed on this date?	*Yes	No	NA

Health & Safety Comments

Summary of Work Performed	Arrived at site:	8:15am	Departed Site:	**2:45pm**

Sampling of onsite and offsite groundwater monitoring wells (semi annual event) and monthly O&M of treatment system.

Equipment/Material Tracking
If any box below is checked "Yes", provide explanation under "Material Tracking Comments".

Were there any vehicles which did not display proper D.O.T numbers and placards?	*Yes	No	NA
Were there any vehicles which were not tarped?	* Yes	No	NA
Were there any vehicles which were not decontaminated prior to exiting the work site?	* Yes	No	NA

Personnel and Equipment

Individual	Company	Trade	Total Hours
Chris Labbe	HRP	Technician	6.5
Keith Gandarillas	HRP	Technician	1.75
David Adam	HRP	Technician	6.5

Equipment Description	Contractor/Vendor	Quantity	Used
YSI Multiparameter Sondes	HRP	3	2
Water level indicators	HRP	3	2
GeoTech GeoPump II peristaltic	HRP	3	2

Material Description	Imported/ Delivered to Site	Exported off Site	Waste Profile (If Applicable)	Source or Disposal Facility (If Applicable)	Daily Loads	Daily Weight (tons)*

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

Equipment/Material Tracking Comments:

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.

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

Site Photographs (Descriptions Below)	

Comments	
Site Inspector(s):	**Date:**

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 ☒
Comments:		

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 any of 1-4 above: • If it is not 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 is 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 ☐
Comments:		

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☒
Comments:			

Report No. **(Site Name) - NYSDEC Site No. _152125_________** Date: 01/06/22

NYSDEC Division of Environmental Remediation					**NYSDEC Contract No. D011107** Superintendent: NYSDEC PM: P. Long Consultant PM: D. Feinson Consultant Site Inspectors: Labbe,Adam,Ganderillas
Site Location: 63 West Montauk Highway Lindenhurst, NY					
Weather Conditions					
General Description	Cloudy	AM		PM	
Temperature	38	AM		PM	
Wind	W	AM		PM	

Health & Safety **If any box below is checked "Yes", provide explanation under "Health & Safety Comments".**			
Were there any changes to the Health & Safety Plan?	*Yes	No	NA
Were there any exceedances of the perimeter air monitoring reported on this date?	*Yes	No	NA
Were there any nuisance issues reported/observed on this date?	*Yes	No	NA

Health & Safety Comments

Summary of Work Performed	Arrived at site:	8:15am	Departed Site:	**11:45am**

Sampling of onsite and offsite groundwater monitoring wells (semi annual event) and monthly O&M of treatment system.

Equipment/Material Tracking **If any box below is checked "Yes", provide explanation under "Material Tracking Comments".**			
Were there any vehicles which did not display proper D.O.T numbers and placards?	*Yes	No	NA
Were there any vehicles which were not tarped?	* Yes	No	NA
Were there any vehicles which were not decontaminated prior to exiting the work site?	* Yes	No	NA

Personnel and Equipment

Individual	Company	Trade	Total Hours
Chris Labbe	HRP	Technician	3.5
Keith Gandarillas	HRP	Technician	3.5
David Adam	HRP	Technician	3.5

Equipment Description	Contractor/Vendor	Quantity	Used
YSI Multiparameter Sondes	HRP	3	3
Water level indicators	HRP	3	3
GeoTech GeoPump II peristaltic	HRP	3	3

Material Description	Imported/ Delivered to Site	Exported off Site	Waste Profile (If Applicable)	Source or Disposal Facility (If Applicable)	Daily Loads	Daily Weight (tons)*

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

Equipment/Material Tracking Comments:

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.

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

Site Photographs (Descriptions Below)	

Comments	
Site Inspector(s):	**Date:**

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 ☒
Comments:		

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 any of 1-4 above: • If it is not 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 is 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 ☐
Comments:		

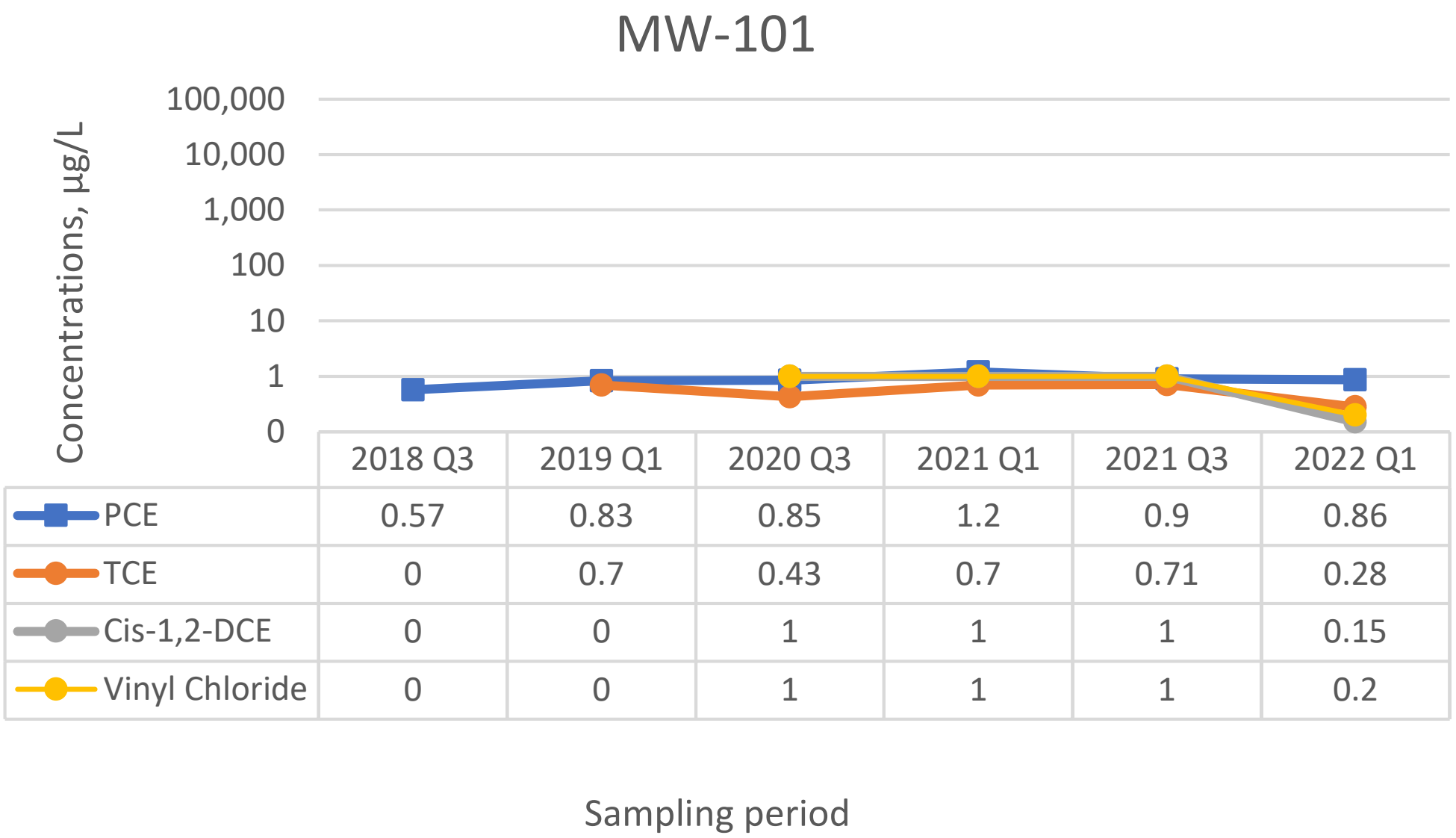
NUISANCE CHECKLIST

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☒
Comments:			

APPENDIX B

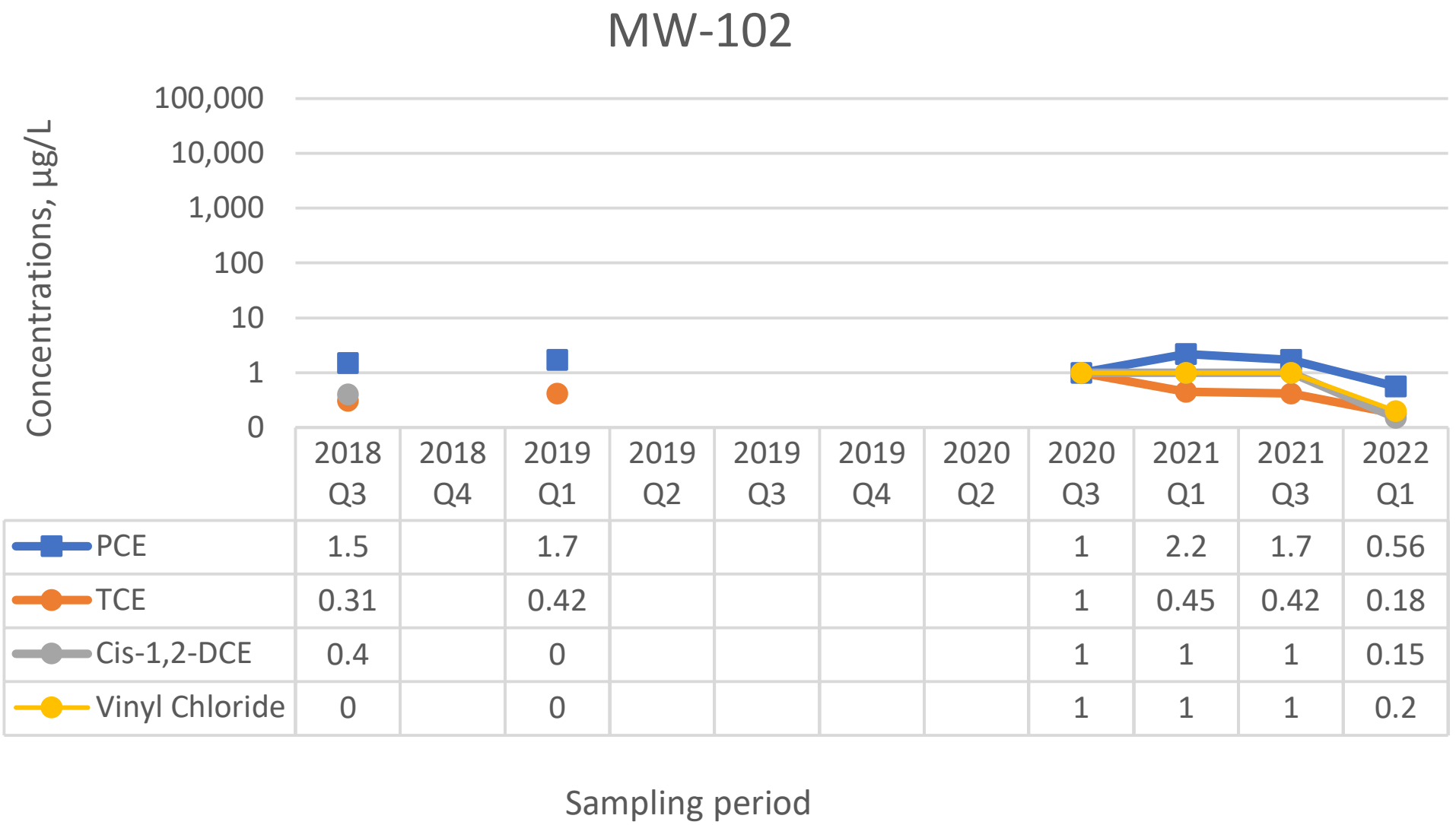
Temporal Variations of VOCs Concentrations

Temporal Variations of VOCs Concentrations
Active Industrial Uniform Superfund Site #152125
63 West Merrick Road, Lindenhurst, New York
HRP# DEC1004.OM



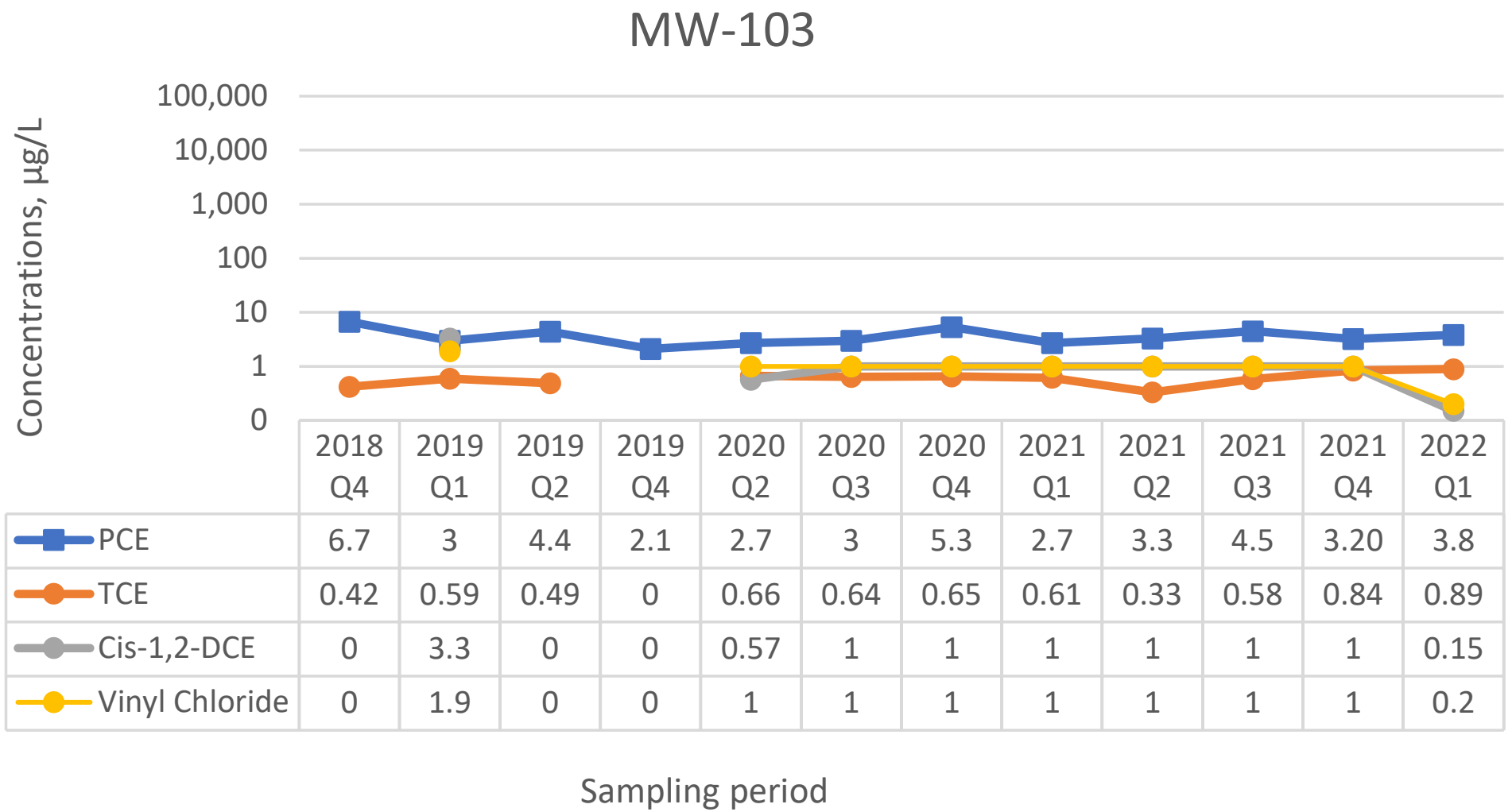
	2018 Q3	2019 Q1	2020 Q3	2021 Q1	2021 Q3	2022 Q1
PCE	0.57	0.83	0.85	1.2	0.9	0.86
TCE	0	0.7	0.43	0.7	0.71	0.28
Cis-1,2-DCE	0	0	1	1	1	0.15
Vinyl Chloride	0	0	1	1	1	0.2

Temporal Variations of VOCs Concentrations
Active Industrial Uniform Superfund Site #152125
63 West Merrick Road, Lindenhurst, New York
HRP# DEC1004.OM



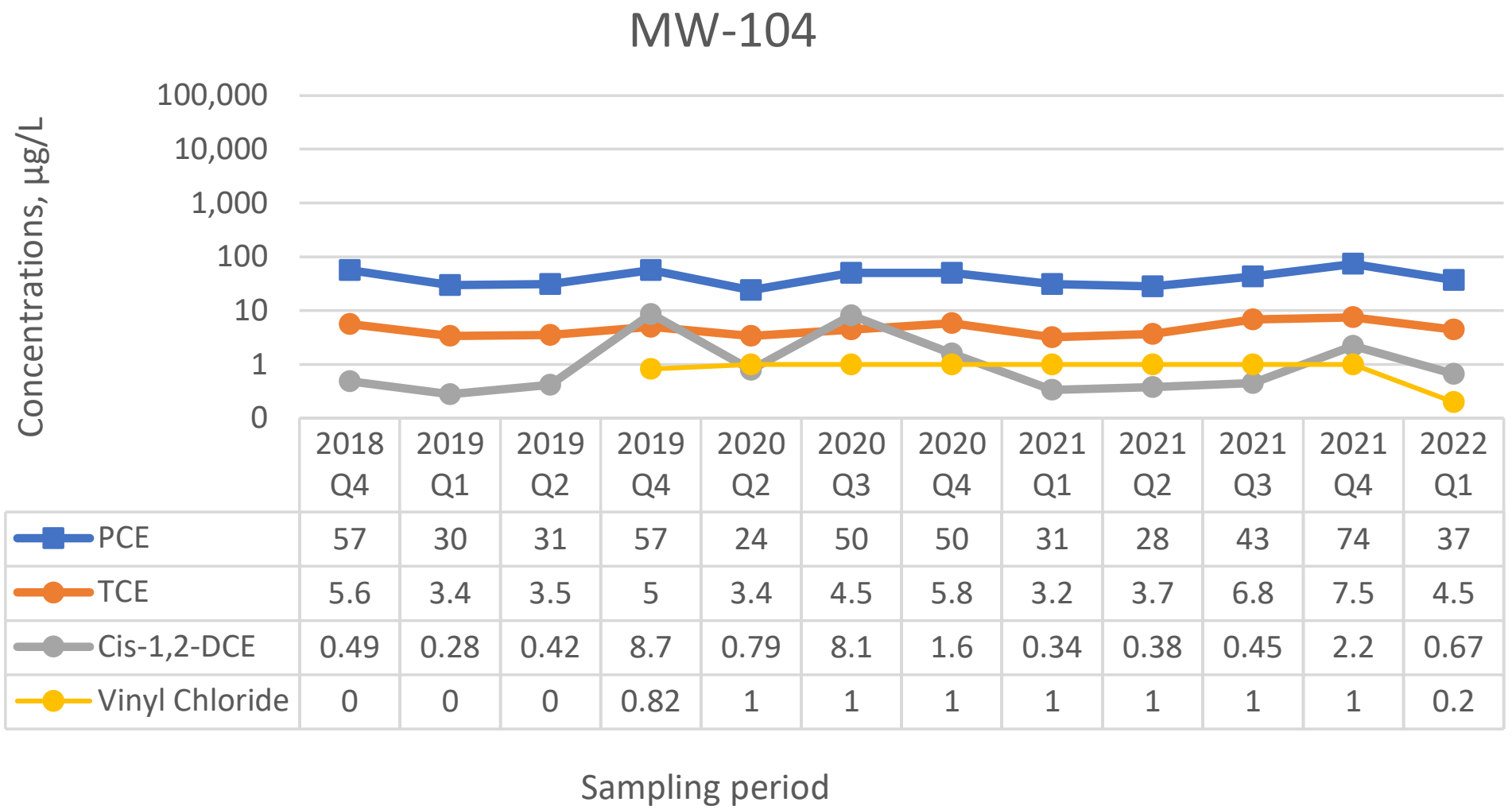
	2018 Q3	2018 Q4	2019 Q1	2019 Q2	2019 Q3	2019 Q4	2020 Q2	2020 Q3	2021 Q1	2021 Q3	2022 Q1
PCE	1.5		1.7					1	2.2	1.7	0.56
TCE	0.31		0.42					1	0.45	0.42	0.18
Cis-1,2-DCE	0.4		0					1	1	1	0.15
Vinyl Chloride	0		0					1	1	1	0.2

Temporal Variations of VOCs Concentrations
Active Industrial Uniform Superfund Site #152125
63 West Merrick Road, Lindenhurst, New York
HRP# DEC1004.OM



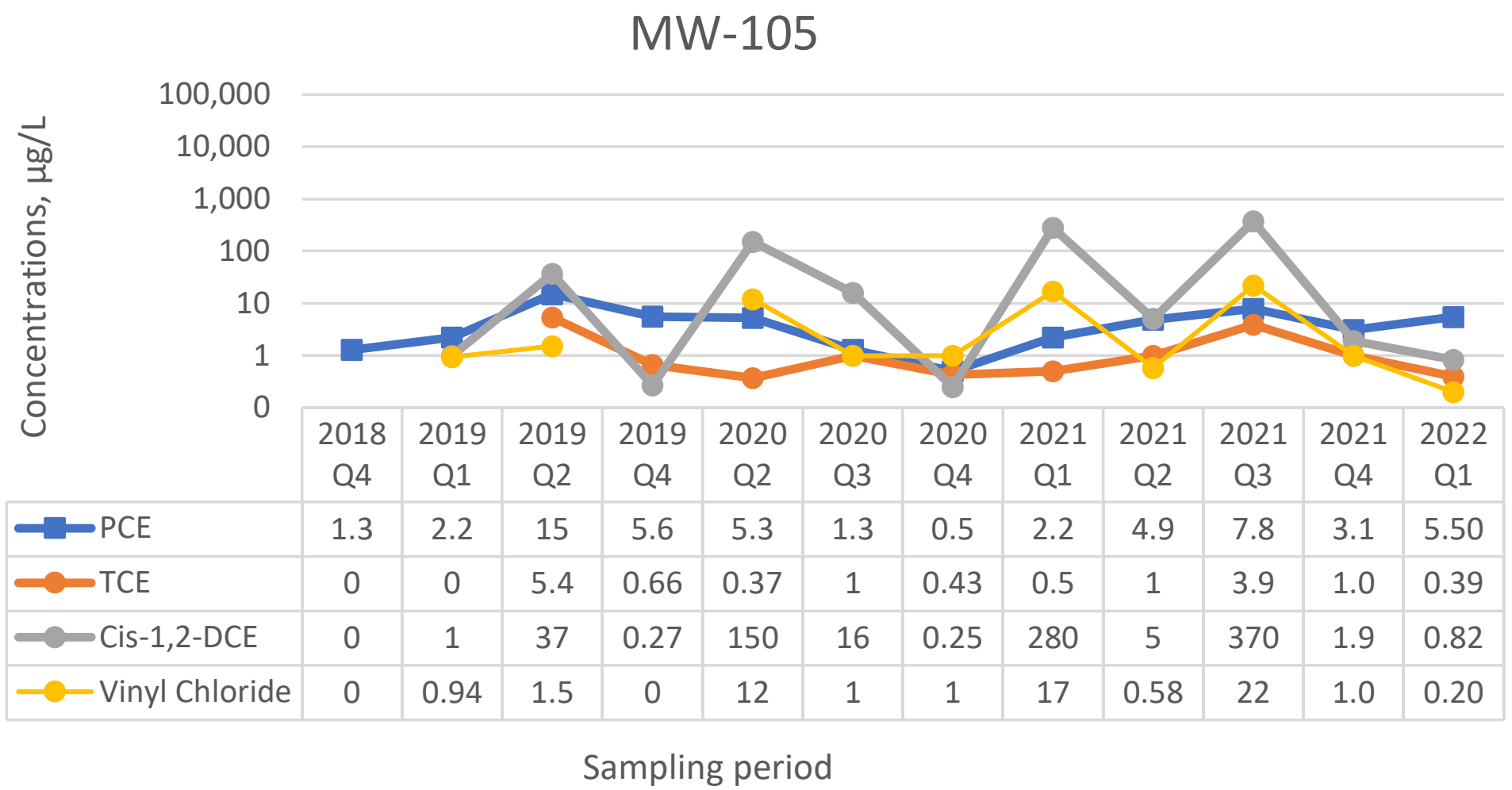
	2018 Q4	2019 Q1	2019 Q2	2019 Q4	2020 Q2	2020 Q3	2020 Q4	2021 Q1	2021 Q2	2021 Q3	2021 Q4	2022 Q1
PCE	6.7	3	4.4	2.1	2.7	3	5.3	2.7	3.3	4.5	3.20	3.8
TCE	0.42	0.59	0.49	0	0.66	0.64	0.65	0.61	0.33	0.58	0.84	0.89
Cis-1,2-DCE	0	3.3	0	0	0.57	1	1	1	1	1	1	0.15
Vinyl Chloride	0	1.9	0	0	1	1	1	1	1	1	1	0.2

Temporal Variations of VOCs Concentrations
Active Industrial Uniform Superfund Site #152125
63 West Merrick Road, Lindenhurst, New York
HRP# DEC1004.OM



	2018 Q4	2019 Q1	2019 Q2	2019 Q4	2020 Q2	2020 Q3	2020 Q4	2021 Q1	2021 Q2	2021 Q3	2021 Q4	2022 Q1
PCE	57	30	31	57	24	50	50	31	28	43	74	37
TCE	5.6	3.4	3.5	5	3.4	4.5	5.8	3.2	3.7	6.8	7.5	4.5
Cis-1,2-DCE	0.49	0.28	0.42	8.7	0.79	8.1	1.6	0.34	0.38	0.45	2.2	0.67
Vinyl Chloride	0	0	0	0.82	1	1	1	1	1	1	1	0.2

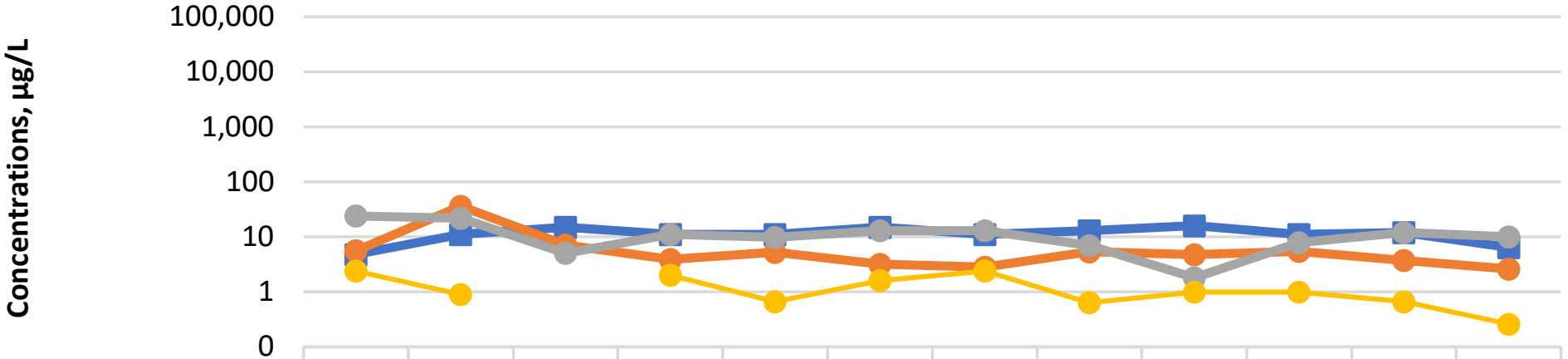
Temporal Variations of VOCs Concentrations
Active Industrial Uniform Superfund Site #152125
63 West Merrick Road, Lindenhurst, New York
HRP# DEC1004.OM



	2018 Q4	2019 Q1	2019 Q2	2019 Q4	2020 Q2	2020 Q3	2020 Q4	2021 Q1	2021 Q2	2021 Q3	2021 Q4	2022 Q1
PCE	1.3	2.2	15	5.6	5.3	1.3	0.5	2.2	4.9	7.8	3.1	5.50
TCE	0	0	5.4	0.66	0.37	1	0.43	0.5	1	3.9	1.0	0.39
Cis-1,2-DCE	0	1	37	0.27	150	16	0.25	280	5	370	1.9	0.82
Vinyl Chloride	0	0.94	1.5	0	12	1	1	17	0.58	22	1.0	0.20

Temporal Variations of VOCs Concentrations
Active Industrial Uniform Superfund Site #152125
63 West Merrick Road, Lindenhurst, New York
HRP# DEC1004.OM

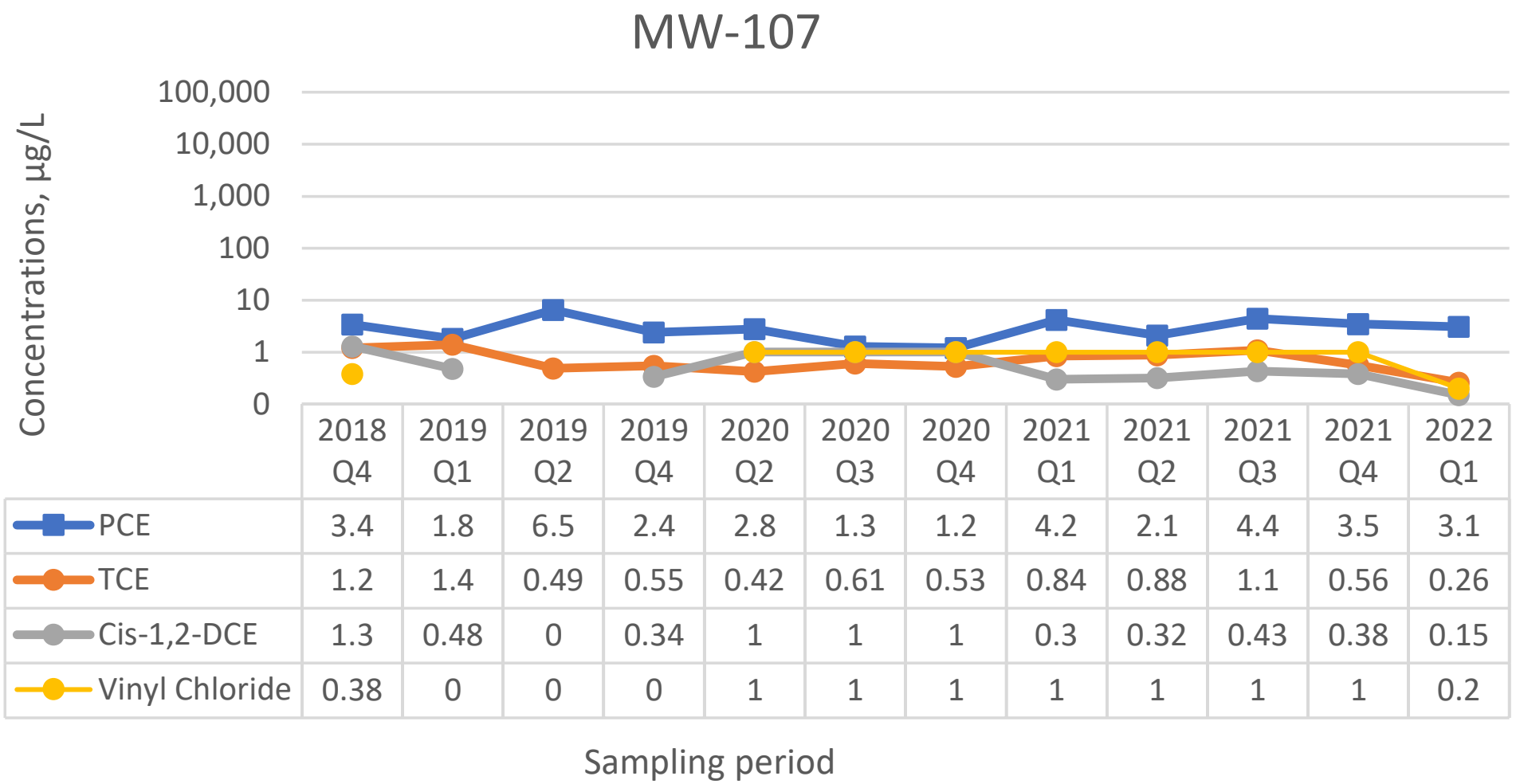
MW-106



	2018 Q4	2019 Q1	2019 Q2	2019 Q4	2020 Q2	2020 Q3	2020 Q4	2021 Q1	2021 Q2	2021 Q3	2021 Q4	2022 Q1
PCE	4.8	11	15	11	11	15	11	13	16	11	12	6.4
TCE	5.6	36	7.1	3.9	5.3	3.2	2.8	5.4	4.8	5.5	3.7	2.6
Cis-1,2-DCE	24	22	5	11	9.8	13	13	7	1.8	7.8	12	10
Vinyl Chloride	2.4	0.9	0	2	0.67	1.6	2.4	0.64	1	1	0.67	0.26

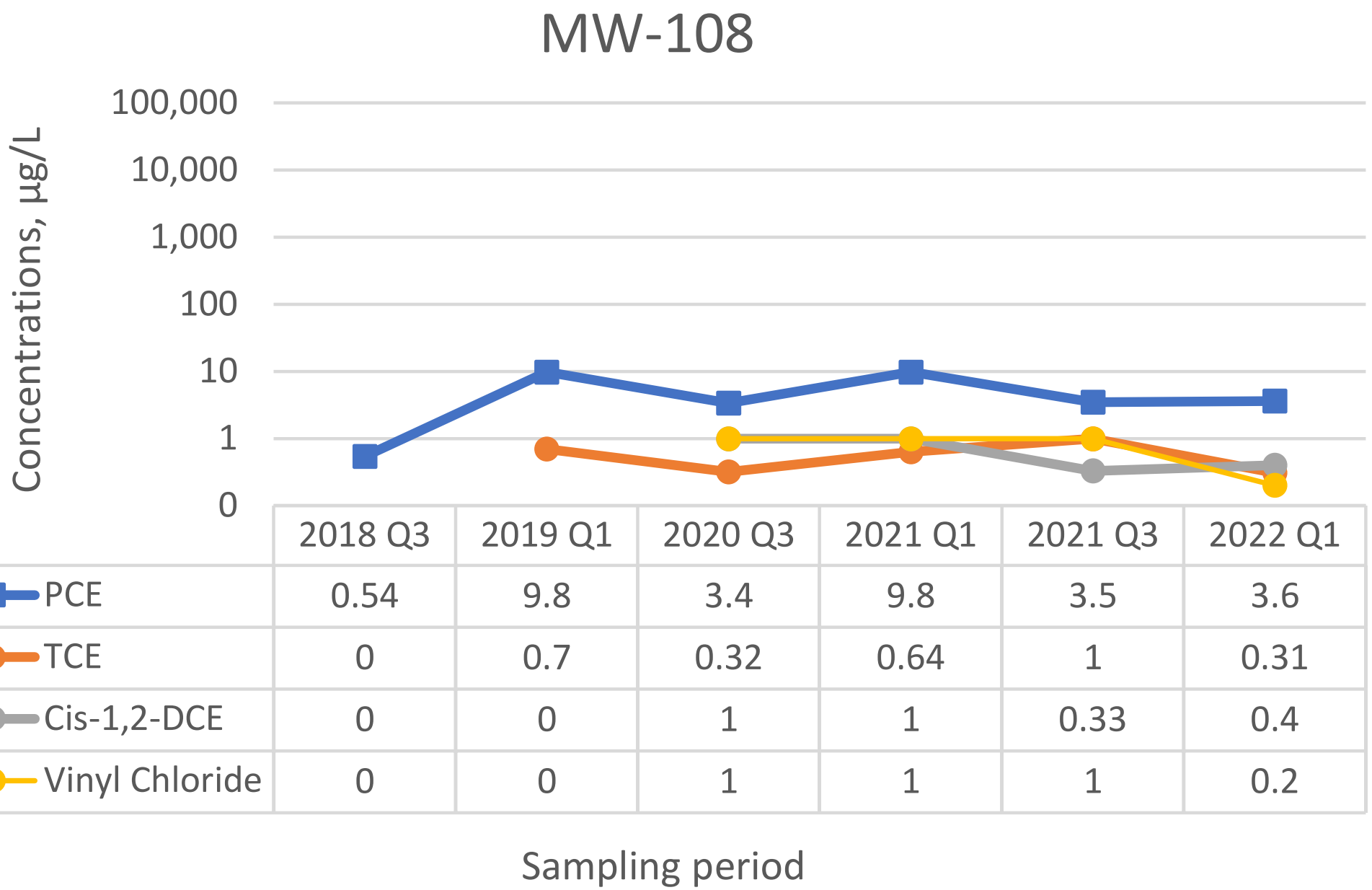
Sampling period

Temporal Variations of VOCs Concentrations
Active Industrial Uniform Superfund Site #152125
63 West Merrick Road, Lindenhurst, New York
HRP# DEC1004.OM



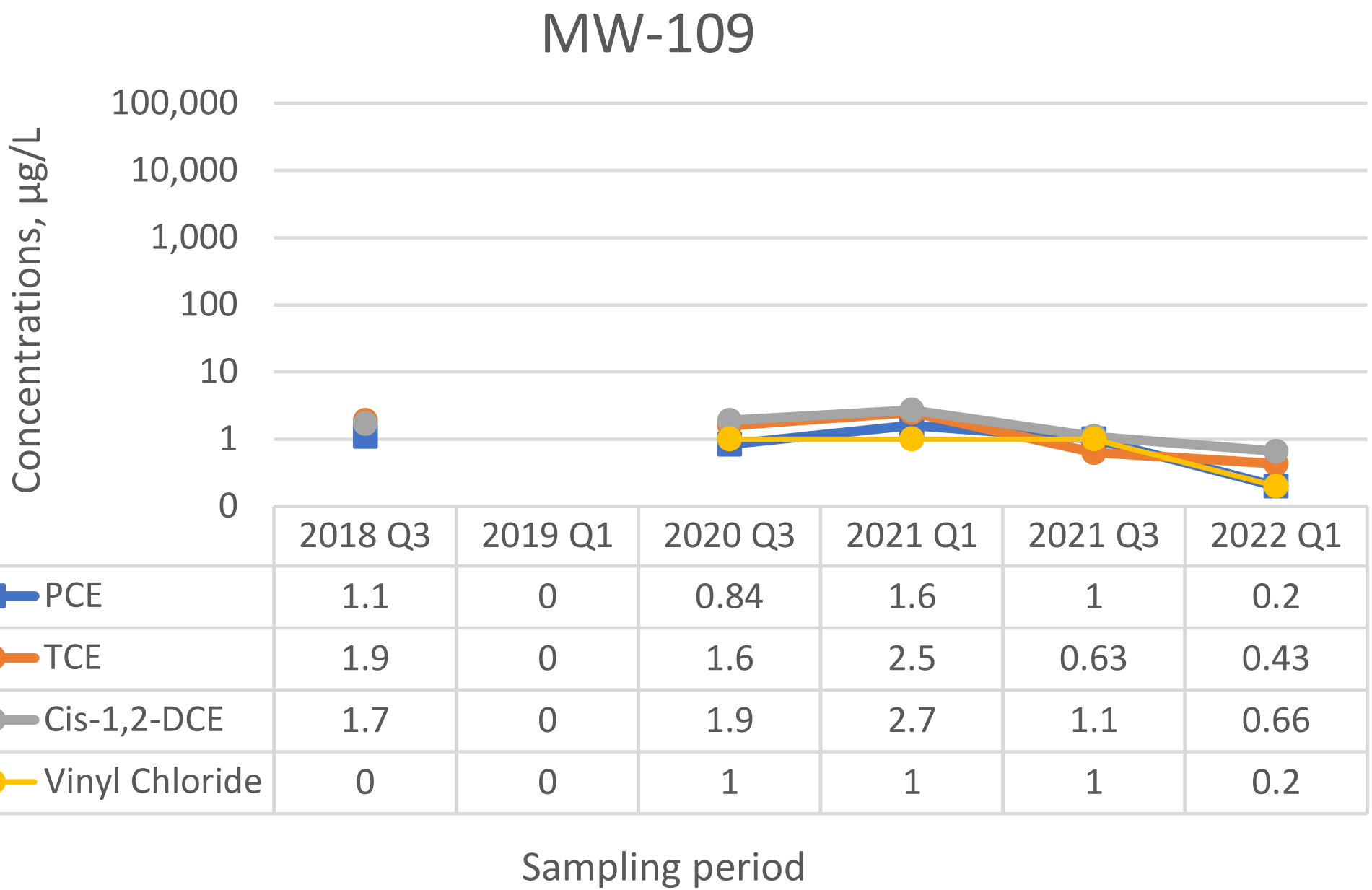
	2018 Q4	2019 Q1	2019 Q2	2019 Q4	2020 Q2	2020 Q3	2020 Q4	2021 Q1	2021 Q2	2021 Q3	2021 Q4	2022 Q1
PCE	3.4	1.8	6.5	2.4	2.8	1.3	1.2	4.2	2.1	4.4	3.5	3.1
TCE	1.2	1.4	0.49	0.55	0.42	0.61	0.53	0.84	0.88	1.1	0.56	0.26
Cis-1,2-DCE	1.3	0.48	0	0.34	1	1	1	0.3	0.32	0.43	0.38	0.15
Vinyl Chloride	0.38	0	0	0	1	1	1	1	1	1	1	0.2

Temporal Variations of VOCs Concentrations
Active Industrial Uniform Superfund Site #152125
63 West Merrick Road, Lindenhurst, New York
HRP# DEC1004.OM



	2018 Q3	2019 Q1	2020 Q3	2021 Q1	2021 Q3	2022 Q1
PCE	0.54	9.8	3.4	9.8	3.5	3.6
TCE	0	0.7	0.32	0.64	1	0.31
Cis-1,2-DCE	0	0	1	1	0.33	0.4
Vinyl Chloride	0	0	1	1	1	0.2

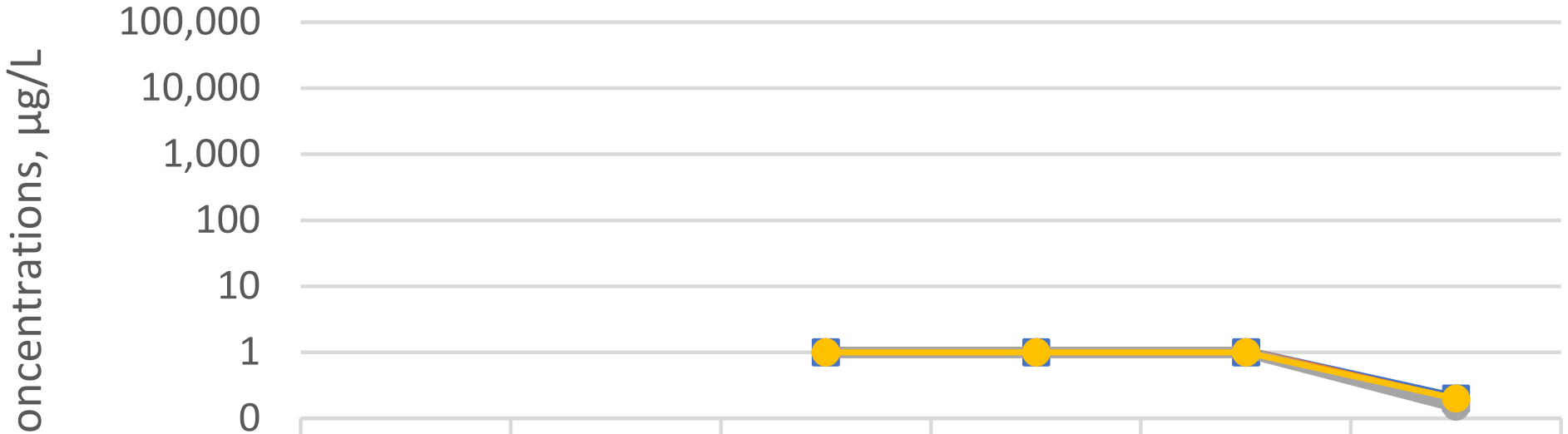
Temporal Variations of VOCs Concentrations
Active Industrial Uniform Superfund Site #152125
63 West Merrick Road, Lindenhurst, New York
HRP# DEC1004.OM



	2018 Q3	2019 Q1	2020 Q3	2021 Q1	2021 Q3	2022 Q1
PCE	1.1	0	0.84	1.6	1	0.2
TCE	1.9	0	1.6	2.5	0.63	0.43
Cis-1,2-DCE	1.7	0	1.9	2.7	1.1	0.66
Vinyl Chloride	0	0	1	1	1	0.2

Temporal Variations of VOCs Concentrations
Active Industrial Uniform Superfund Site #152125
63 West Merrick Road, Lindenhurst, New York
HRP# DEC1004.OM

MW-111

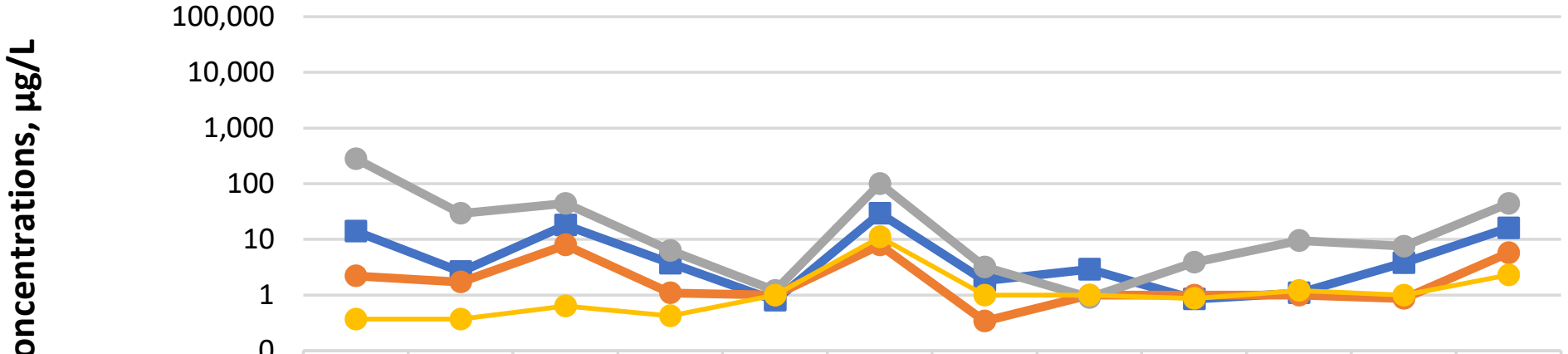


	2018 Q3	2019 Q1	2020 Q3	2021 Q1	2021 Q3	2022 Q1
PCE	0	0	1	1	1	0.2
TCE	0	0	1	1	1	0.18
Cis-1,2-DCE	0	0	1	1	1	0.15
Vinyl Chloride	0	0	1	1	1	0.2

Sampling period

Temporal Variations of VOCs Concentrations
Active Industrial Uniform Superfund Site #152125
63 West Merrick Road, Lindenhurst, New York
HRP# DEC1004.OM

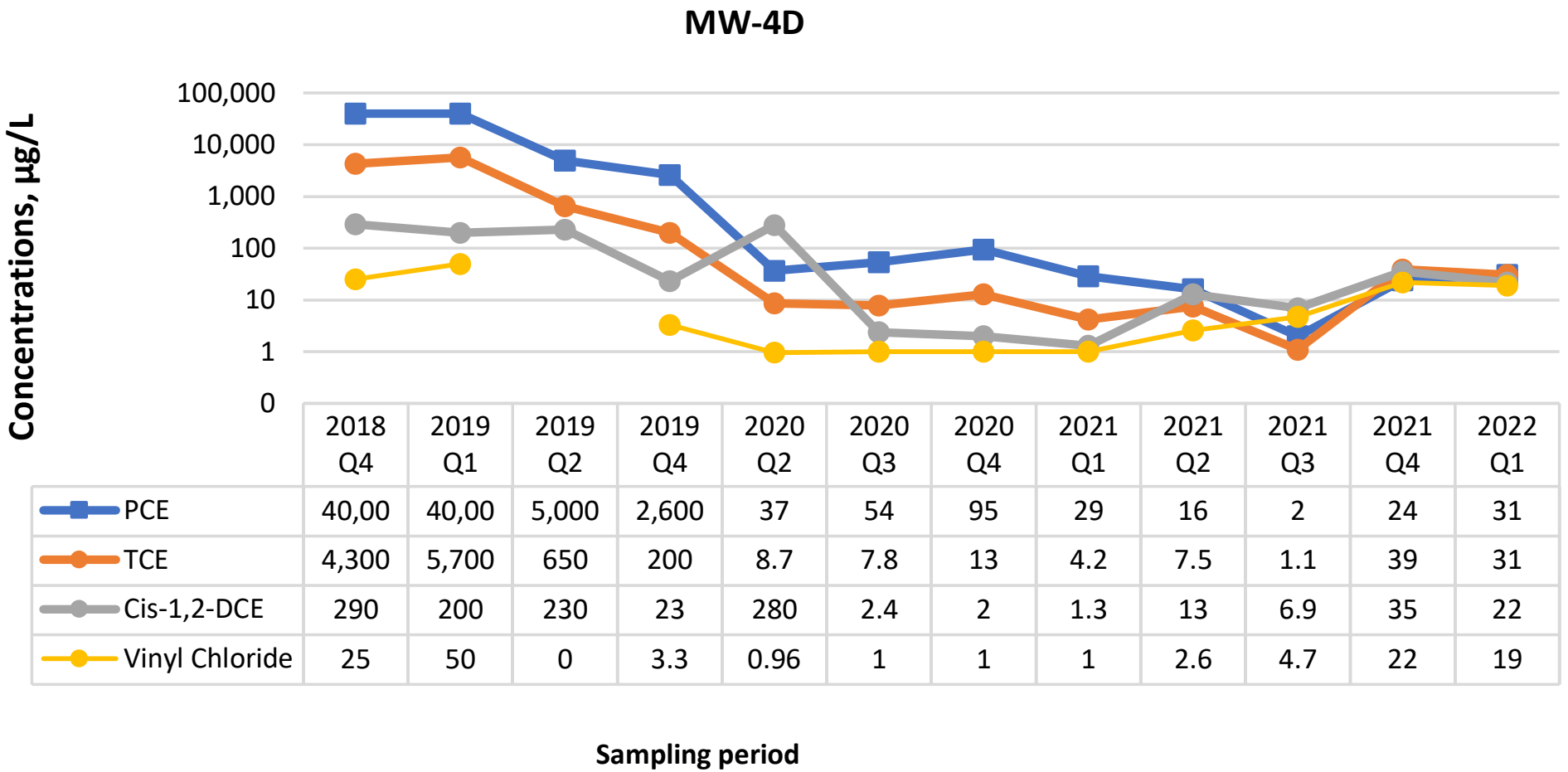
MW-2S



	2018 Q4	2019 Q1	2019 Q2	2019 Q4	2020 Q2	2020 Q3	2020 Q4	2021 Q1	2021 Q2	2021 Q3	2021 Q4	2022 Q1
PCE	14	2.6	18	3.7	0.8	29	1.8	2.9	0.85	1.10	3.80	16
TCE	2.2	1.7	7.9	1.1	1	7.9	0.34	1	1	1.00	0.86	5.7
Cis-1,2-DCE	280	29	44	6.3	1.2	100	3.2	0.9	3.9	9.40	7.50	44
Vinyl Chloride	0.37	0.37	0.63	0.42	1	11	1	1	0.87	1.20	1	2.3

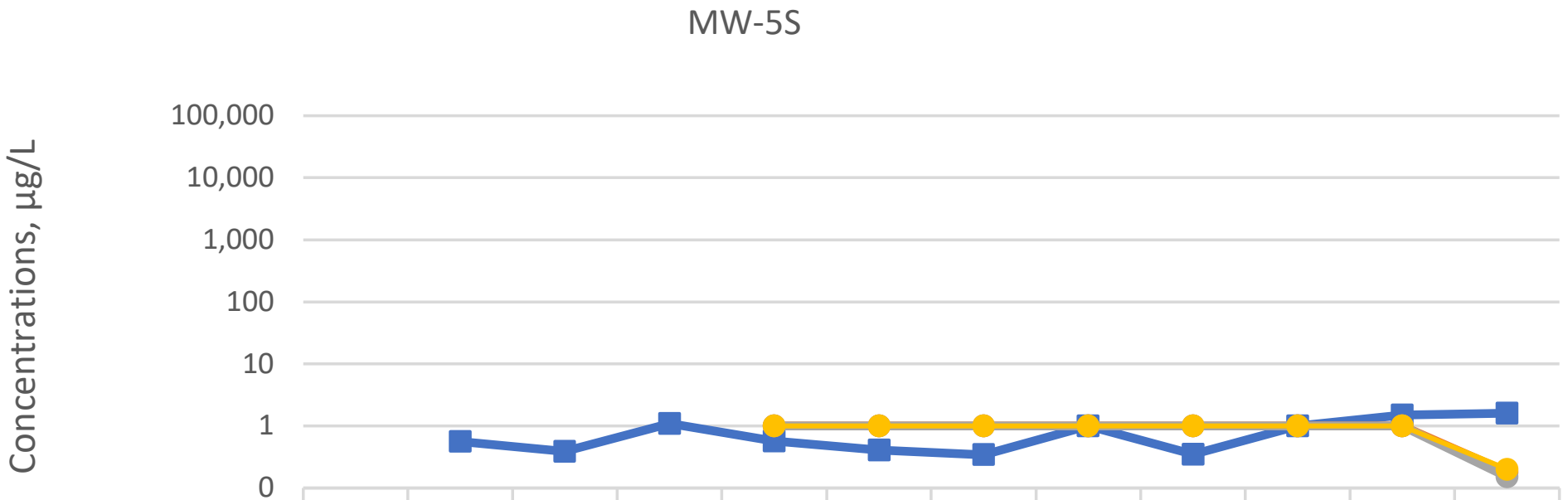
Sampling period

Temporal Variations of VOCs Concentrations
Active Industrial Uniform Superfund Site #152125
63 West Merrick Road, Lindenhurst, New York
HRP# DEC1004.OM



	2018 Q4	2019 Q1	2019 Q2	2019 Q4	2020 Q2	2020 Q3	2020 Q4	2021 Q1	2021 Q2	2021 Q3	2021 Q4	2022 Q1
PCE	40,00	40,00	5,000	2,600	37	54	95	29	16	2	24	31
TCE	4,300	5,700	650	200	8.7	7.8	13	4.2	7.5	1.1	39	31
Cis-1,2-DCE	290	200	230	23	280	2.4	2	1.3	13	6.9	35	22
Vinyl Chloride	25	50	0	3.3	0.96	1	1	1	2.6	4.7	22	19

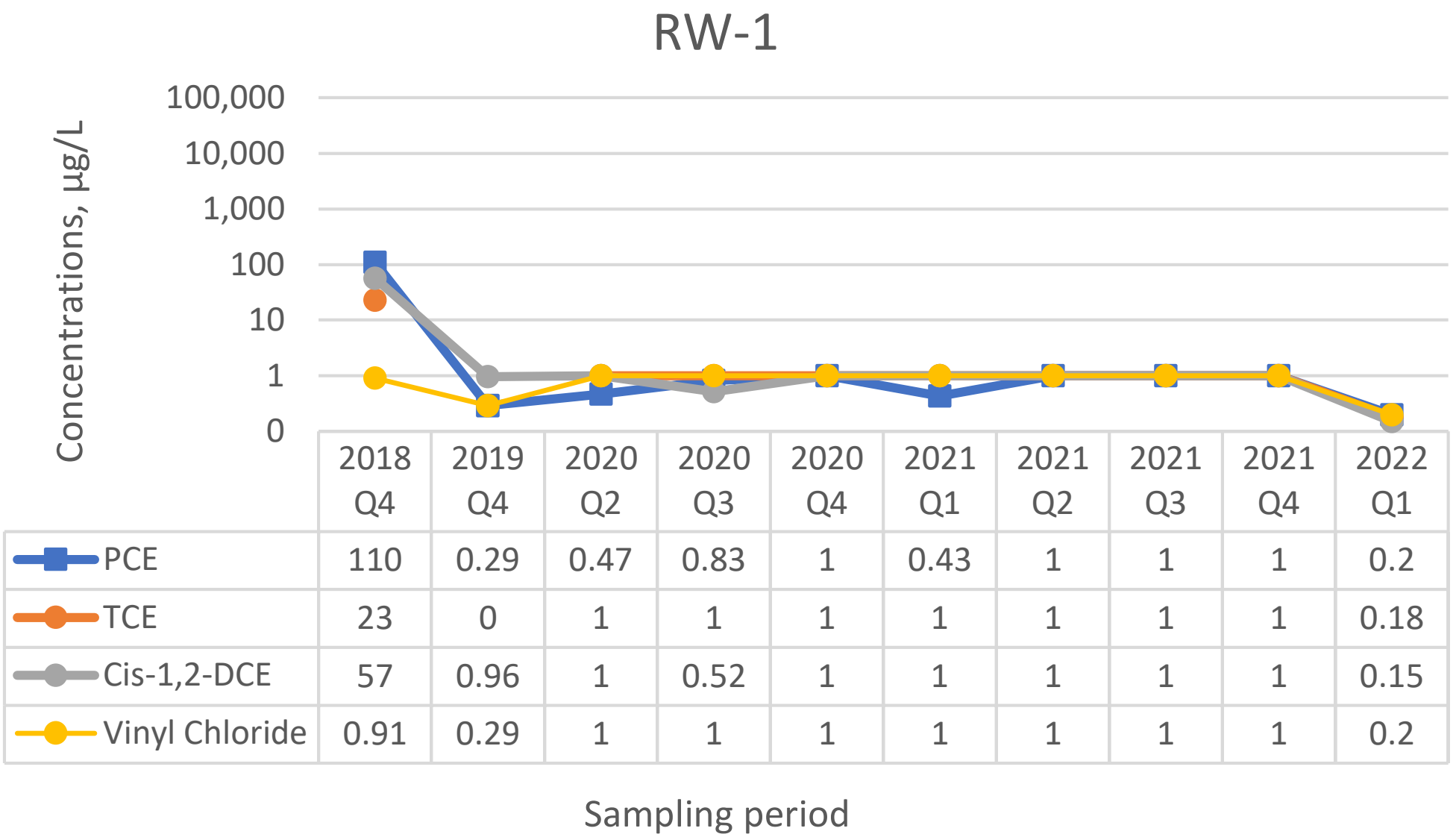
Temporal Variations of VOCs Concentrations
Active Industrial Uniform Superfund Site #152125
63 West Merrick Road, Lindenhurst, New York
HRP# DEC1004.OM



	2018 Q4	2019 Q1	2019 Q2	2019 Q4	2020 Q2	2020 Q3	2020 Q4	2021 Q1	2021 Q2	2021 Q3	2021 Q4	2022 Q1
PCE	0	0.56	0.39	1.1	0.57	0.41	0.34	1	0.35	1	1.5	1.6
TCE	0	0	0	0	1	1	1	1	1	1	1	0.18
Cis-1,2-DCE	0	0	0	0	1	1	1	1	1	1	1	0.15
Vinyl Chloride	0	0	0	0	1	1	1	1	1	1	1	0.2

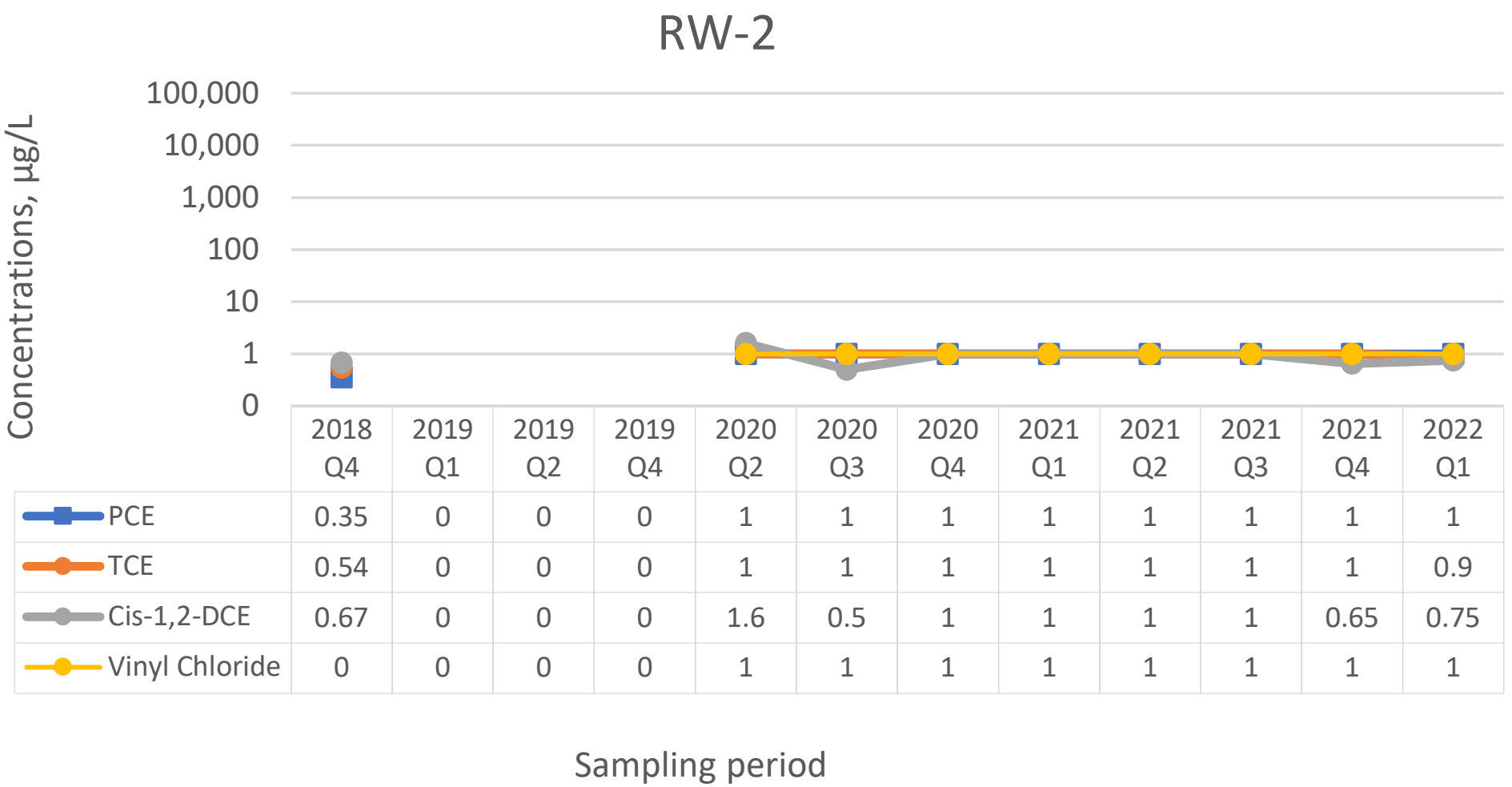
Sampling period

Temporal Variations of VOCs Concentrations
Active Industrial Uniform Superfund Site #152125
63 West Merrick Road, Lindenhurst, New York
HRP# DEC1004.OM



	2018 Q4	2019 Q4	2020 Q2	2020 Q3	2020 Q4	2021 Q1	2021 Q2	2021 Q3	2021 Q4	2022 Q1
PCE	110	0.29	0.47	0.83	1	0.43	1	1	1	0.2
TCE	23	0	1	1	1	1	1	1	1	0.18
Cis-1,2-DCE	57	0.96	1	0.52	1	1	1	1	1	0.15
Vinyl Chloride	0.91	0.29	1	1	1	1	1	1	1	0.2

Temporal Variations of VOCs Concentrations
Active Industrial Uniform Superfund Site #152125
63 West Merrick Road, Lindenhurst, New York
HRP# DEC1004.OM



	2018 Q4	2019 Q1	2019 Q2	2019 Q4	2020 Q2	2020 Q3	2020 Q4	2021 Q1	2021 Q2	2021 Q3	2021 Q4	2022 Q1
PCE	0.35	0	0	0	1	1	1	1	1	1	1	1
TCE	0.54	0	0	0	1	1	1	1	1	1	1	0.9
Cis-1,2-DCE	0.67	0	0	0	1.6	0.5	1	1	1	1	0.65	0.75
Vinyl Chloride	0	0	0	0	1	1	1	1	1	1	1	1

APPENDIX C
Laboratory Reports

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January 25, 2022

Payson Long
NYDEC_HRP Associates - Clifton Park, NY
1 Fairchild Square, Suite 110
Clifton Park, NY 12065

Project Location: 63 Wst Merrick Rd., Lindenhurst, NY
Client Job Number:
Project Number: Contract # C100701
Laboratory Work Order Number: 22A0349

Enclosed are results of analyses for samples as received by the laboratory on January 10, 2022. If you have any questions concerning this report, please feel free to contact me.

Sincerely,

Mike Buttrick
Project Manager

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Table of Contents (continued)

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NYDEC_HRP Associates - Clifton Park, NY
1 Fairchild Square, Suite 110
Clifton Park, NY 12065
ATTN: Payson Long

REPORT DATE: 1/25/2022

PURCHASE ORDER NUMBER: 142842

PROJECT NUMBER: Contract # C100701

ANALYTICAL SUMMARY

WORK ORDER NUMBER: 22A0349

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 Wst Merrick Rd., Lindenhurst, NY

FIELD SAMPLE #	LAB ID:	MATRIX	SAMPLE DESCRIPTION	TEST	SUB LAB
MW-2S	22A0349-01	Ground Water		SW-846 8260D	
MW-4D	22A0349-02	Ground Water		SW-846 8260D	
MW-5S	22A0349-03	Ground Water		SW-846 8260D	
MW-101	22A0349-04	Ground Water		SW-846 8260D	
MW-102	22A0349-05	Ground Water		SW-846 8260D	
MW-103	22A0349-06	Ground Water		SW-846 8260D	
MW-104	22A0349-07	Ground Water		SW-846 8260D	
MW-105	22A0349-08	Ground Water		SW-846 8260D	
MW-106	22A0349-09	Ground Water		SW-846 8260D	
MW-107	22A0349-10	Ground Water		SW-846 8260D	
MW-108	22A0349-11	Ground Water		SW-846 8260D	
MW-109	22A0349-12	Ground Water		SW-846 8260D	
MW-111	22A0349-13	Ground Water		SW-846 8260D	
RW-1	22A0349-14	Ground Water		SW-846 6010D	
				SW-846 7470A	
				SW-846 8260D	
RW-2	22A0349-15	Ground Water		SW-846 6010D	
				SW-846 7470A	
				SW-846 8260D	
MW-A	22A0349-16	Ground Water		SW-846 6010D	
				SW-846 7470A	
				SW-846 8260D	
MW-B	22A0349-17	Ground Water		SW-846 8260D	
TB-1	22A0349-18	Ground Water		SW-846 8260D	
TB-2	22A0349-19	Ground Water		SW-846 8260D	

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CASE NARRATIVE SUMMARY

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

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SW-846 6010D

Qualifications:

MS-19

Sample to spike ratio is greater than or equal to 4:1. Spiked amount is not representative of the native amount in the sample. Appropriate or meaningful recoveries cannot be calculated.

Analyte & Samples(s) Qualified:

Calcium
22A0349-16[MW-A], B298743-MS1

Potassium
22A0349-16[MW-A], B298743-MS1

Sodium
22A0349-16[MW-A], B298743-MS1

SW-846 8260D

Qualifications:

DL-01

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

Analyte & Samples(s) Qualified:

22A0349-15[RW-2], 22A0349-16[MW-A]

L-04

Laboratory fortified blank/laboratory control sample recovery and duplicate recovery are outside of control limits. Reported value for this compound is likely to be biased on the low side.

Analyte & Samples(s) Qualified:

1,2,3-Trichlorobenzene
22A0349-01[MW-2S], 22A0349-02[MW-4D], 22A0349-03[MW-5S], 22A0349-04[MW-101], 22A0349-05[MW-102], 22A0349-06[MW-103], 22A0349-07[MW-104], 22A0349-08[MW-105], 22A0349-09[MW-106], 22A0349-10[MW-107], 22A0349-11[MW-108], 22A0349-12[MW-109], 22A0349-13[MW-111], 22A0349-14[RW-1], 22A0349-15[RW-2], 22A0349-16[MW-A], 22A0349-17[MW-B], 22A0349-18[TB-1], 22A0349-19[TB-2], B298650-BLK1, B298650-BS1, B298650-BSD1, S067261-CCV1

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:

1,2,4-Trichlorobenzene
B298650-BS1

Methyl Cyclohexane
B298650-BSD1

R-05

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

Analyte & Samples(s) Qualified:

1,1,2-Trichloro-1,2,2-trifluoroethan
22A0349-01[MW-2S], 22A0349-02[MW-4D], 22A0349-03[MW-5S], 22A0349-04[MW-101], 22A0349-05[MW-102], 22A0349-06[MW-103], 22A0349-07[MW-104], 22A0349-08[MW-105], 22A0349-09[MW-106], 22A0349-10[MW-107], 22A0349-11[MW-108], 22A0349-12[MW-109], 22A0349-13[MW-111], 22A0349-14[RW-1], 22A0349-15[RW-2], 22A0349-16[MW-A], 22A0349-17[MW-B], 22A0349-18[TB-1], 22A0349-19[TB-2], B298650-BLK1, B298650-BS1, B298650-BSD1, S067261-CCV1

RL-12

Elevated reporting limit due to matrix interference.

Analyte & Samples(s) Qualified:

22A0349-02[MW-4D]

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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:

1,2,3-Trichlorobenzene

22A0349-01[MW-2S], 22A0349-02[MW-4D], 22A0349-03[MW-5S], 22A0349-04[MW-101], 22A0349-05[MW-102], 22A0349-06[MW-103], 22A0349-07[MW-104], 22A0349-08[MW-105], 22A0349-09[MW-106], 22A0349-10[MW-107], 22A0349-11[MW-108], 22A0349-12[MW-109], 22A0349-13[MW-111], 22A0349-14[RW-1], 22A0349-15[RW-2], 22A0349-16[MW-A], 22A0349-17[MW-B], 22A0349-18[TB-1], 22A0349-19[TB-2], B298650-BLK1, B298650-BS1, B298650-BSD1, S067261-CCV1

1,2,4-Trichlorobenzene

22A0349-01[MW-2S], 22A0349-02[MW-4D], 22A0349-03[MW-5S], 22A0349-04[MW-101], 22A0349-05[MW-102], 22A0349-06[MW-103], 22A0349-07[MW-104], 22A0349-08[MW-105], 22A0349-09[MW-106], 22A0349-10[MW-107], 22A0349-11[MW-108], 22A0349-12[MW-109], 22A0349-13[MW-111], 22A0349-14[RW-1], 22A0349-15[RW-2], 22A0349-16[MW-A], 22A0349-17[MW-B], 22A0349-18[TB-1], 22A0349-19[TB-2], B298650-BLK1, B298650-BS1, B298650-BSD1, S067261-CCV1

Naphthalene

22A0349-01[MW-2S], 22A0349-02[MW-4D], 22A0349-03[MW-5S], 22A0349-04[MW-101], 22A0349-05[MW-102], 22A0349-06[MW-103], 22A0349-07[MW-104], 22A0349-08[MW-105], 22A0349-09[MW-106], 22A0349-10[MW-107], 22A0349-11[MW-108], 22A0349-12[MW-109], 22A0349-13[MW-111], 22A0349-14[RW-1], 22A0349-15[RW-2], 22A0349-16[MW-A], 22A0349-17[MW-B], 22A0349-18[TB-1], 22A0349-19[TB-2], B298650-BLK1, B298650-BS1, B298650-BSD1, S067261-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:

Bromomethane

B298650-BS1, B298650-BSD1, S067261-CCV1

Chloroethane

B298650-BS1, B298650-BSD1, S067261-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

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

Project Location: 63 Wst Merrick Rd., Lindenhurst, Sample Description: Work Order: 22A0349

Date Received: 1/10/2022

Field Sample #: MW-2S Sampled: 1/6/2022 11:03

Sample ID: 22A0349-01

Sample Matrix: Ground Water

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	DL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Acetone	ND	50	2.4	µg/L	1		SW-846 8260D	1/11/22	1/11/22 20:20	MFF
Acrylonitrile	ND	5.0	0.69	µg/L	1		SW-846 8260D	1/11/22	1/11/22 20:20	MFF
tert-Amyl Methyl Ether (TAME)	ND	0.50	0.15	µg/L	1		SW-846 8260D	1/11/22	1/11/22 20:20	MFF
Benzene	ND	1.0	0.13	µg/L	1		SW-846 8260D	1/11/22	1/11/22 20:20	MFF
Bromobenzene	ND	1.0	0.13	µg/L	1		SW-846 8260D	1/11/22	1/11/22 20:20	MFF
Bromochloromethane	ND	1.0	0.36	µg/L	1		SW-846 8260D	1/11/22	1/11/22 20:20	MFF
Bromodichloromethane	ND	0.50	0.14	µg/L	1		SW-846 8260D	1/11/22	1/11/22 20:20	MFF
Bromoform	ND	1.0	0.29	µg/L	1		SW-846 8260D	1/11/22	1/11/22 20:20	MFF
Bromomethane	ND	2.0	1.1	µg/L	1		SW-846 8260D	1/11/22	1/11/22 20:20	MFF
2-Butanone (MEK)	ND	20	1.9	µg/L	1		SW-846 8260D	1/11/22	1/11/22 20:20	MFF
tert-Butyl Alcohol (TBA)	ND	20	5.3	µg/L	1		SW-846 8260D	1/11/22	1/11/22 20:20	MFF
n-Butylbenzene	ND	1.0	0.14	µg/L	1		SW-846 8260D	1/11/22	1/11/22 20:20	MFF
sec-Butylbenzene	ND	1.0	0.10	µg/L	1		SW-846 8260D	1/11/22	1/11/22 20:20	MFF
tert-Butylbenzene	ND	1.0	0.090	µg/L	1		SW-846 8260D	1/11/22	1/11/22 20:20	MFF
tert-Butyl Ethyl Ether (TBEE)	ND	0.50	0.11	µg/L	1		SW-846 8260D	1/11/22	1/11/22 20:20	MFF
Carbon Disulfide	ND	5.0	1.5	µg/L	1		SW-846 8260D	1/11/22	1/11/22 20:20	MFF
Carbon Tetrachloride	ND	5.0	0.17	µg/L	1		SW-846 8260D	1/11/22	1/11/22 20:20	MFF
Chlorobenzene	ND	1.0	0.080	µg/L	1		SW-846 8260D	1/11/22	1/11/22 20:20	MFF
Chlorodibromomethane	ND	0.50	0.16	µg/L	1		SW-846 8260D	1/11/22	1/11/22 20:20	MFF
Chloroethane	ND	2.0	0.37	µg/L	1		SW-846 8260D	1/11/22	1/11/22 20:20	MFF
Chloroform	ND	2.0	0.19	µg/L	1		SW-846 8260D	1/11/22	1/11/22 20:20	MFF
Chloromethane	ND	2.0	0.38	µg/L	1		SW-846 8260D	1/11/22	1/11/22 20:20	MFF
2-Chlorotoluene	ND	1.0	0.090	µg/L	1		SW-846 8260D	1/11/22	1/11/22 20:20	MFF
4-Chlorotoluene	ND	1.0	0.10	µg/L	1		SW-846 8260D	1/11/22	1/11/22 20:20	MFF
1,2-Dibromo-3-chloropropane (DBCP)	ND	5.0	0.72	µg/L	1		SW-846 8260D	1/11/22	1/11/22 20:20	MFF
1,2-Dibromoethane (EDB)	ND	0.50	0.15	µg/L	1		SW-846 8260D	1/11/22	1/11/22 20:20	MFF
Dibromomethane	ND	1.0	0.29	µg/L	1		SW-846 8260D	1/11/22	1/11/22 20:20	MFF
1,2-Dichlorobenzene	ND	1.0	0.10	µg/L	1		SW-846 8260D	1/11/22	1/11/22 20:20	MFF
1,3-Dichlorobenzene	ND	1.0	0.090	µg/L	1		SW-846 8260D	1/11/22	1/11/22 20:20	MFF
1,4-Dichlorobenzene	ND	1.0	0.11	µg/L	1		SW-846 8260D	1/11/22	1/11/22 20:20	MFF
trans-1,4-Dichloro-2-butene	ND	2.0	1.8	µg/L	1		SW-846 8260D	1/11/22	1/11/22 20:20	MFF
Dichlorodifluoromethane (Freon 12)	ND	2.0	0.20	µg/L	1		SW-846 8260D	1/11/22	1/11/22 20:20	MFF
1,1-Dichloroethane	ND	1.0	0.16	µg/L	1		SW-846 8260D	1/11/22	1/11/22 20:20	MFF
1,2-Dichloroethane	ND	1.0	0.32	µg/L	1		SW-846 8260D	1/11/22	1/11/22 20:20	MFF
1,1-Dichloroethylene	ND	1.0	0.16	µg/L	1		SW-846 8260D	1/11/22	1/11/22 20:20	MFF
cis-1,2-Dichloroethylene	44	1.0	0.15	µg/L	1		SW-846 8260D	1/11/22	1/11/22 20:20	MFF
trans-1,2-Dichloroethylene	0.36	1.0	0.17	µg/L	1	J	SW-846 8260D	1/11/22	1/11/22 20:20	MFF
1,2-Dichloropropane	ND	1.0	0.18	µg/L	1		SW-846 8260D	1/11/22	1/11/22 20:20	MFF
1,3-Dichloropropane	ND	0.50	0.12	µg/L	1		SW-846 8260D	1/11/22	1/11/22 20:20	MFF
2,2-Dichloropropane	ND	1.0	0.31	µg/L	1		SW-846 8260D	1/11/22	1/11/22 20:20	MFF
1,1-Dichloropropene	ND	2.0	0.26	µg/L	1		SW-846 8260D	1/11/22	1/11/22 20:20	MFF
cis-1,3-Dichloropropene	ND	0.50	0.12	µg/L	1		SW-846 8260D	1/11/22	1/11/22 20:20	MFF
trans-1,3-Dichloropropene	ND	0.50	0.15	µg/L	1		SW-846 8260D	1/11/22	1/11/22 20:20	MFF
Diethyl Ether	ND	2.0	0.22	µg/L	1		SW-846 8260D	1/11/22	1/11/22 20:20	MFF

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

Project Location: 63 Wst Merrick Rd., Lindenhurst, Sample Description: Work Order: 22A0349

Date Received: 1/10/2022

Field Sample #: MW-2S Sampled: 1/6/2022 11:03

Sample ID: 22A0349-01

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	0.15	µg/L	1		SW-846 8260D	1/11/22	1/11/22 20:20	MFF
1,4-Dioxane	ND	50	22	µg/L	1		SW-846 8260D	1/11/22	1/11/22 20:20	MFF
Ethylbenzene	ND	1.0	0.090	µg/L	1		SW-846 8260D	1/11/22	1/11/22 20:20	MFF
Hexachlorobutadiene	ND	0.60	0.41	µg/L	1		SW-846 8260D	1/11/22	1/11/22 20:20	MFF
2-Hexanone (MBK)	ND	10	1.4	µg/L	1		SW-846 8260D	1/11/22	1/11/22 20:20	MFF
Isopropylbenzene (Cumene)	ND	1.0	0.10	µg/L	1		SW-846 8260D	1/11/22	1/11/22 20:20	MFF
p-Isopropyltoluene (p-Cymene)	ND	1.0	0.090	µg/L	1		SW-846 8260D	1/11/22	1/11/22 20:20	MFF
Methyl Acetate	ND	1.0	0.39	µg/L	1		SW-846 8260D	1/11/22	1/11/22 20:20	MFF
Methyl tert-Butyl Ether (MTBE)	ND	1.0	0.17	µg/L	1		SW-846 8260D	1/11/22	1/11/22 20:20	MFF
Methyl Cyclohexane	ND	1.0	0.33	µg/L	1		SW-846 8260D	1/11/22	1/11/22 20:20	MFF
Methylene Chloride	ND	5.0	0.30	µg/L	1		SW-846 8260D	1/11/22	1/11/22 20:20	MFF
4-Methyl-2-pentanone (MIBK)	ND	10	1.6	µg/L	1		SW-846 8260D	1/11/22	1/11/22 20:20	MFF
Naphthalene	ND	2.0	0.15	µg/L	1	V-05	SW-846 8260D	1/11/22	1/11/22 20:20	MFF
n-Propylbenzene	ND	1.0	0.080	µg/L	1		SW-846 8260D	1/11/22	1/11/22 20:20	MFF
Styrene	ND	1.0	0.080	µg/L	1		SW-846 8260D	1/11/22	1/11/22 20:20	MFF
1,1,1,2-Tetrachloroethane	ND	1.0	0.14	µg/L	1		SW-846 8260D	1/11/22	1/11/22 20:20	MFF
1,1,2,2-Tetrachloroethane	ND	0.50	0.090	µg/L	1		SW-846 8260D	1/11/22	1/11/22 20:20	MFF
Tetrachloroethylene	16	1.0	0.20	µg/L	1		SW-846 8260D	1/11/22	1/11/22 20:20	MFF
Tetrahydrofuran	ND	10	0.58	µg/L	1		SW-846 8260D	1/11/22	1/11/22 20:20	MFF
Toluene	ND	1.0	0.11	µg/L	1		SW-846 8260D	1/11/22	1/11/22 20:20	MFF
1,2,3-Trichlorobenzene	ND	5.0	0.14	µg/L	1	L-04, V-05	SW-846 8260D	1/11/22	1/11/22 20:20	MFF
1,2,4-Trichlorobenzene	ND	1.0	0.16	µg/L	1	V-05	SW-846 8260D	1/11/22	1/11/22 20:20	MFF
1,3,5-Trichlorobenzene	ND	1.0	0.18	µg/L	1		SW-846 8260D	1/11/22	1/11/22 20:20	MFF
1,1,1-Trichloroethane	ND	1.0	0.17	µg/L	1		SW-846 8260D	1/11/22	1/11/22 20:20	MFF
1,1,2-Trichloroethane	ND	1.0	0.15	µg/L	1		SW-846 8260D	1/11/22	1/11/22 20:20	MFF
Trichloroethylene	5.7	1.0	0.18	µg/L	1		SW-846 8260D	1/11/22	1/11/22 20:20	MFF
Trichlorofluoromethane (Freon 11)	ND	2.0	0.19	µg/L	1		SW-846 8260D	1/11/22	1/11/22 20:20	MFF
1,2,3-Trichloropropane	ND	2.0	0.31	µg/L	1		SW-846 8260D	1/11/22	1/11/22 20:20	MFF
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	1.0	0.24	µg/L	1	R-05	SW-846 8260D	1/11/22	1/11/22 20:20	MFF
1,2,4-Trimethylbenzene	ND	1.0	0.10	µg/L	1		SW-846 8260D	1/11/22	1/11/22 20:20	MFF
1,3,5-Trimethylbenzene	ND	1.0	0.10	µg/L	1		SW-846 8260D	1/11/22	1/11/22 20:20	MFF
Vinyl Chloride	2.3	2.0	0.20	µg/L	1		SW-846 8260D	1/11/22	1/11/22 20:20	MFF
m+p Xylene	ND	2.0	0.18	µg/L	1		SW-846 8260D	1/11/22	1/11/22 20:20	MFF
o-Xylene	ND	1.0	0.090	µg/L	1		SW-846 8260D	1/11/22	1/11/22 20:20	MFF

Surrogates	% Recovery	Recovery Limits	Flag/Qual	
1,2-Dichloroethane-d4	99.2	70-130		1/11/22 20:20
Toluene-d8	102	70-130		1/11/22 20:20
4-Bromofluorobenzene	94.9	70-130		1/11/22 20:20

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

Project Location: 63 Wst Merrick Rd., Lindenhurst, Sample Description: Work Order: 22A0349

Date Received: 1/10/2022

Field Sample #: MW-2S Sampled: 1/6/2022 11:03

Sample ID: 22A0349-01

Sample Matrix: Ground Water

Tentatively Identified Compounds - Volatile Compounds (ESTIMATED VALUES REPORTED)

Analyte	Results	Units	Response	RT	DF	CAS #	Q#	Method	Date Prepared	Date/Time Analyzed	Analyst
No TICs Found	0.0	µg/L			1			SW-846 8260D	1/11/22	1/11/22 20:20	MFF

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

Project Location: 63 Wst Merrick Rd., Lindenhurst, Sample Description: Work Order: 22A0349

Date Received: 1/10/2022

Field Sample #: MW-4D Sampled: 1/5/2022 09:55

Sample ID: 22A0349-02

Sample Matrix: Ground Water

Sample Flags: RL-12

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	DL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Acetone	5.9	100	4.7	µg/L	2	J	SW-846 8260D	1/11/22	1/11/22 19:08	MFF
Acrylonitrile	ND	10	1.4	µg/L	2		SW-846 8260D	1/11/22	1/11/22 19:08	MFF
tert-Amyl Methyl Ether (TAME)	ND	1.0	0.30	µg/L	2		SW-846 8260D	1/11/22	1/11/22 19:08	MFF
Benzene	ND	2.0	0.26	µg/L	2		SW-846 8260D	1/11/22	1/11/22 19:08	MFF
Bromobenzene	ND	2.0	0.26	µg/L	2		SW-846 8260D	1/11/22	1/11/22 19:08	MFF
Bromochloromethane	ND	2.0	0.72	µg/L	2		SW-846 8260D	1/11/22	1/11/22 19:08	MFF
Bromodichloromethane	ND	1.0	0.28	µg/L	2		SW-846 8260D	1/11/22	1/11/22 19:08	MFF
Bromoform	ND	2.0	0.58	µg/L	2		SW-846 8260D	1/11/22	1/11/22 19:08	MFF
Bromomethane	ND	4.0	2.1	µg/L	2		SW-846 8260D	1/11/22	1/11/22 19:08	MFF
2-Butanone (MEK)	ND	40	3.8	µg/L	2		SW-846 8260D	1/11/22	1/11/22 19:08	MFF
tert-Butyl Alcohol (TBA)	ND	40	11	µg/L	2		SW-846 8260D	1/11/22	1/11/22 19:08	MFF
n-Butylbenzene	ND	2.0	0.28	µg/L	2		SW-846 8260D	1/11/22	1/11/22 19:08	MFF
sec-Butylbenzene	ND	2.0	0.20	µg/L	2		SW-846 8260D	1/11/22	1/11/22 19:08	MFF
tert-Butylbenzene	ND	2.0	0.18	µg/L	2		SW-846 8260D	1/11/22	1/11/22 19:08	MFF
tert-Butyl Ethyl Ether (TBEE)	ND	1.0	0.22	µg/L	2		SW-846 8260D	1/11/22	1/11/22 19:08	MFF
Carbon Disulfide	ND	10	3.0	µg/L	2		SW-846 8260D	1/11/22	1/11/22 19:08	MFF
Carbon Tetrachloride	ND	10	0.34	µg/L	2		SW-846 8260D	1/11/22	1/11/22 19:08	MFF
Chlorobenzene	ND	2.0	0.16	µg/L	2		SW-846 8260D	1/11/22	1/11/22 19:08	MFF
Chlorodibromomethane	ND	1.0	0.32	µg/L	2		SW-846 8260D	1/11/22	1/11/22 19:08	MFF
Chloroethane	ND	4.0	0.74	µg/L	2		SW-846 8260D	1/11/22	1/11/22 19:08	MFF
Chloroform	ND	4.0	0.38	µg/L	2		SW-846 8260D	1/11/22	1/11/22 19:08	MFF
Chloromethane	ND	4.0	0.76	µg/L	2		SW-846 8260D	1/11/22	1/11/22 19:08	MFF
2-Chlorotoluene	ND	2.0	0.18	µg/L	2		SW-846 8260D	1/11/22	1/11/22 19:08	MFF
4-Chlorotoluene	ND	2.0	0.20	µg/L	2		SW-846 8260D	1/11/22	1/11/22 19:08	MFF
1,2-Dibromo-3-chloropropane (DBCP)	ND	10	1.4	µg/L	2		SW-846 8260D	1/11/22	1/11/22 19:08	MFF
1,2-Dibromoethane (EDB)	ND	1.0	0.30	µg/L	2		SW-846 8260D	1/11/22	1/11/22 19:08	MFF
Dibromomethane	ND	2.0	0.58	µg/L	2		SW-846 8260D	1/11/22	1/11/22 19:08	MFF
1,2-Dichlorobenzene	ND	2.0	0.20	µg/L	2		SW-846 8260D	1/11/22	1/11/22 19:08	MFF
1,3-Dichlorobenzene	ND	2.0	0.18	µg/L	2		SW-846 8260D	1/11/22	1/11/22 19:08	MFF
1,4-Dichlorobenzene	ND	2.0	0.22	µg/L	2		SW-846 8260D	1/11/22	1/11/22 19:08	MFF
trans-1,4-Dichloro-2-butene	ND	4.0	3.6	µg/L	2		SW-846 8260D	1/11/22	1/11/22 19:08	MFF
Dichlorodifluoromethane (Freon 12)	ND	4.0	0.40	µg/L	2		SW-846 8260D	1/11/22	1/11/22 19:08	MFF
1,1-Dichloroethane	ND	2.0	0.32	µg/L	2		SW-846 8260D	1/11/22	1/11/22 19:08	MFF
1,2-Dichloroethane	ND	2.0	0.64	µg/L	2		SW-846 8260D	1/11/22	1/11/22 19:08	MFF
1,1-Dichloroethylene	1.2	2.0	0.32	µg/L	2	J	SW-846 8260D	1/11/22	1/11/22 19:08	MFF
cis-1,2-Dichloroethylene	22	2.0	0.30	µg/L	2		SW-846 8260D	1/11/22	1/11/22 19:08	MFF
trans-1,2-Dichloroethylene	1.1	2.0	0.34	µg/L	2	J	SW-846 8260D	1/11/22	1/11/22 19:08	MFF
1,2-Dichloropropane	ND	2.0	0.36	µg/L	2		SW-846 8260D	1/11/22	1/11/22 19:08	MFF
1,3-Dichloropropane	ND	1.0	0.24	µg/L	2		SW-846 8260D	1/11/22	1/11/22 19:08	MFF
2,2-Dichloropropane	ND	2.0	0.62	µg/L	2		SW-846 8260D	1/11/22	1/11/22 19:08	MFF
1,1-Dichloropropene	ND	4.0	0.52	µg/L	2		SW-846 8260D	1/11/22	1/11/22 19:08	MFF
cis-1,3-Dichloropropene	ND	1.0	0.24	µg/L	2		SW-846 8260D	1/11/22	1/11/22 19:08	MFF
trans-1,3-Dichloropropene	ND	1.0	0.30	µg/L	2		SW-846 8260D	1/11/22	1/11/22 19:08	MFF
Diethyl Ether	ND	4.0	0.44	µg/L	2		SW-846 8260D	1/11/22	1/11/22 19:08	MFF

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

Project Location: 63 Wst Merrick Rd., Lindenhurst, Sample Description: Work Order: 22A0349

Date Received: 1/10/2022

Field Sample #: MW-4D Sampled: 1/5/2022 09:55

Sample ID: 22A0349-02

Sample Matrix: Ground Water

Sample Flags: RL-12

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	0.30	µg/L	2		SW-846 8260D	1/11/22	1/11/22 19:08	MFF
1,4-Dioxane	ND	100	43	µg/L	2		SW-846 8260D	1/11/22	1/11/22 19:08	MFF
Ethylbenzene	ND	2.0	0.18	µg/L	2		SW-846 8260D	1/11/22	1/11/22 19:08	MFF
Hexachlorobutadiene	ND	1.2	0.82	µg/L	2		SW-846 8260D	1/11/22	1/11/22 19:08	MFF
2-Hexanone (MBK)	ND	20	2.8	µg/L	2		SW-846 8260D	1/11/22	1/11/22 19:08	MFF
Isopropylbenzene (Cumene)	ND	2.0	0.20	µg/L	2		SW-846 8260D	1/11/22	1/11/22 19:08	MFF
p-Isopropyltoluene (p-Cymene)	ND	2.0	0.18	µg/L	2		SW-846 8260D	1/11/22	1/11/22 19:08	MFF
Methyl Acetate	ND	2.0	0.78	µg/L	2		SW-846 8260D	1/11/22	1/11/22 19:08	MFF
Methyl tert-Butyl Ether (MTBE)	0.54	2.0	0.34	µg/L	2	J	SW-846 8260D	1/11/22	1/11/22 19:08	MFF
Methyl Cyclohexane	ND	2.0	0.66	µg/L	2		SW-846 8260D	1/11/22	1/11/22 19:08	MFF
Methylene Chloride	ND	10	0.60	µg/L	2		SW-846 8260D	1/11/22	1/11/22 19:08	MFF
4-Methyl-2-pentanone (MIBK)	ND	20	3.2	µg/L	2		SW-846 8260D	1/11/22	1/11/22 19:08	MFF
Naphthalene	ND	4.0	0.30	µg/L	2	V-05	SW-846 8260D	1/11/22	1/11/22 19:08	MFF
n-Propylbenzene	ND	2.0	0.16	µg/L	2		SW-846 8260D	1/11/22	1/11/22 19:08	MFF
Styrene	ND	2.0	0.16	µg/L	2		SW-846 8260D	1/11/22	1/11/22 19:08	MFF
1,1,1,2-Tetrachloroethane	ND	2.0	0.28	µg/L	2		SW-846 8260D	1/11/22	1/11/22 19:08	MFF
1,1,2,2-Tetrachloroethane	ND	1.0	0.18	µg/L	2		SW-846 8260D	1/11/22	1/11/22 19:08	MFF
Tetrachloroethylene	31	2.0	0.40	µg/L	2		SW-846 8260D	1/11/22	1/11/22 19:08	MFF
Tetrahydrofuran	ND	20	1.2	µg/L	2		SW-846 8260D	1/11/22	1/11/22 19:08	MFF
Toluene	ND	2.0	0.22	µg/L	2		SW-846 8260D	1/11/22	1/11/22 19:08	MFF
1,2,3-Trichlorobenzene	ND	10	0.28	µg/L	2	L-04, V-05	SW-846 8260D	1/11/22	1/11/22 19:08	MFF
1,2,4-Trichlorobenzene	ND	2.0	0.32	µg/L	2	V-05	SW-846 8260D	1/11/22	1/11/22 19:08	MFF
1,3,5-Trichlorobenzene	ND	2.0	0.36	µg/L	2		SW-846 8260D	1/11/22	1/11/22 19:08	MFF
1,1,1-Trichloroethane	ND	2.0	0.34	µg/L	2		SW-846 8260D	1/11/22	1/11/22 19:08	MFF
1,1,2-Trichloroethane	ND	2.0	0.30	µg/L	2		SW-846 8260D	1/11/22	1/11/22 19:08	MFF
Trichloroethylene	31	2.0	0.36	µg/L	2		SW-846 8260D	1/11/22	1/11/22 19:08	MFF
Trichlorofluoromethane (Freon 11)	ND	4.0	0.38	µg/L	2		SW-846 8260D	1/11/22	1/11/22 19:08	MFF
1,2,3-Trichloropropane	ND	4.0	0.62	µg/L	2		SW-846 8260D	1/11/22	1/11/22 19:08	MFF
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	2.0	0.48	µg/L	2	R-05	SW-846 8260D	1/11/22	1/11/22 19:08	MFF
1,2,4-Trimethylbenzene	0.38	2.0	0.20	µg/L	2	J	SW-846 8260D	1/11/22	1/11/22 19:08	MFF
1,3,5-Trimethylbenzene	ND	2.0	0.20	µg/L	2		SW-846 8260D	1/11/22	1/11/22 19:08	MFF
Vinyl Chloride	19	4.0	0.40	µg/L	2		SW-846 8260D	1/11/22	1/11/22 19:08	MFF
m+p Xylene	ND	4.0	0.36	µg/L	2		SW-846 8260D	1/11/22	1/11/22 19:08	MFF
o-Xylene	ND	2.0	0.18	µg/L	2		SW-846 8260D	1/11/22	1/11/22 19:08	MFF

Surrogates	% Recovery	Recovery Limits	Flag/Qual	
1,2-Dichloroethane-d4	98.5	70-130		1/11/22 19:08
Toluene-d8	102	70-130		1/11/22 19:08
4-Bromofluorobenzene	94.4	70-130		1/11/22 19:08

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

Project Location: 63 Wst Merrick Rd., Lindenhurst, Sample Description: Work Order: 22A0349

Date Received: 1/10/2022

Field Sample #: MW-4D Sampled: 1/5/2022 09:55

Sample ID: 22A0349-02

Sample Matrix: Ground Water

Tentatively Identified Compounds - Volatile Compounds (ESTIMATED VALUES REPORTED)

Analyte	Results	Units	Response	RT	DF	CAS #	Q#	Method	Date Prepared	Date/Time Analyzed	Analyst
No TICs Found	0.0	µg/L			2			SW-846 8260D	1/11/22	1/11/22 19:08	MFF

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

Project Location: 63 Wst Merrick Rd., Lindenhurst, Sample Description: Work Order: 22A0349

Date Received: 1/10/2022

Field Sample #: MW-5S Sampled: 1/5/2022 14:15

Sample ID: 22A0349-03

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	2.4	µg/L	1		SW-846 8260D	1/11/22	1/11/22 14:19	MFF
Acrylonitrile	ND	5.0	0.69	µg/L	1		SW-846 8260D	1/11/22	1/11/22 14:19	MFF
tert-Amyl Methyl Ether (TAME)	ND	0.50	0.15	µg/L	1		SW-846 8260D	1/11/22	1/11/22 14:19	MFF
Benzene	ND	1.0	0.13	µg/L	1		SW-846 8260D	1/11/22	1/11/22 14:19	MFF
Bromobenzene	ND	1.0	0.13	µg/L	1		SW-846 8260D	1/11/22	1/11/22 14:19	MFF
Bromochloromethane	ND	1.0	0.36	µg/L	1		SW-846 8260D	1/11/22	1/11/22 14:19	MFF
Bromodichloromethane	ND	0.50	0.14	µg/L	1		SW-846 8260D	1/11/22	1/11/22 14:19	MFF
Bromoform	ND	1.0	0.29	µg/L	1		SW-846 8260D	1/11/22	1/11/22 14:19	MFF
Bromomethane	ND	2.0	1.1	µg/L	1		SW-846 8260D	1/11/22	1/11/22 14:19	MFF
2-Butanone (MEK)	ND	20	1.9	µg/L	1		SW-846 8260D	1/11/22	1/11/22 14:19	MFF
tert-Butyl Alcohol (TBA)	ND	20	5.3	µg/L	1		SW-846 8260D	1/11/22	1/11/22 14:19	MFF
n-Butylbenzene	ND	1.0	0.14	µg/L	1		SW-846 8260D	1/11/22	1/11/22 14:19	MFF
sec-Butylbenzene	ND	1.0	0.10	µg/L	1		SW-846 8260D	1/11/22	1/11/22 14:19	MFF
tert-Butylbenzene	ND	1.0	0.090	µg/L	1		SW-846 8260D	1/11/22	1/11/22 14:19	MFF
tert-Butyl Ethyl Ether (TBEE)	ND	0.50	0.11	µg/L	1		SW-846 8260D	1/11/22	1/11/22 14:19	MFF
Carbon Disulfide	ND	5.0	1.5	µg/L	1		SW-846 8260D	1/11/22	1/11/22 14:19	MFF
Carbon Tetrachloride	ND	5.0	0.17	µg/L	1		SW-846 8260D	1/11/22	1/11/22 14:19	MFF
Chlorobenzene	ND	1.0	0.080	µg/L	1		SW-846 8260D	1/11/22	1/11/22 14:19	MFF
Chlorodibromomethane	ND	0.50	0.16	µg/L	1		SW-846 8260D	1/11/22	1/11/22 14:19	MFF
Chloroethane	ND	2.0	0.37	µg/L	1		SW-846 8260D	1/11/22	1/11/22 14:19	MFF
Chloroform	ND	2.0	0.19	µg/L	1		SW-846 8260D	1/11/22	1/11/22 14:19	MFF
Chloromethane	ND	2.0	0.38	µg/L	1		SW-846 8260D	1/11/22	1/11/22 14:19	MFF
2-Chlorotoluene	ND	1.0	0.090	µg/L	1		SW-846 8260D	1/11/22	1/11/22 14:19	MFF
4-Chlorotoluene	ND	1.0	0.10	µg/L	1		SW-846 8260D	1/11/22	1/11/22 14:19	MFF
1,2-Dibromo-3-chloropropane (DBCP)	ND	5.0	0.72	µg/L	1		SW-846 8260D	1/11/22	1/11/22 14:19	MFF
1,2-Dibromoethane (EDB)	ND	0.50	0.15	µg/L	1		SW-846 8260D	1/11/22	1/11/22 14:19	MFF
Dibromomethane	ND	1.0	0.29	µg/L	1		SW-846 8260D	1/11/22	1/11/22 14:19	MFF
1,2-Dichlorobenzene	ND	1.0	0.10	µg/L	1		SW-846 8260D	1/11/22	1/11/22 14:19	MFF
1,3-Dichlorobenzene	ND	1.0	0.090	µg/L	1		SW-846 8260D	1/11/22	1/11/22 14:19	MFF
1,4-Dichlorobenzene	ND	1.0	0.11	µg/L	1		SW-846 8260D	1/11/22	1/11/22 14:19	MFF
trans-1,4-Dichloro-2-butene	ND	2.0	1.8	µg/L	1		SW-846 8260D	1/11/22	1/11/22 14:19	MFF
Dichlorodifluoromethane (Freon 12)	ND	2.0	0.20	µg/L	1		SW-846 8260D	1/11/22	1/11/22 14:19	MFF
1,1-Dichloroethane	ND	1.0	0.16	µg/L	1		SW-846 8260D	1/11/22	1/11/22 14:19	MFF
1,2-Dichloroethane	ND	1.0	0.32	µg/L	1		SW-846 8260D	1/11/22	1/11/22 14:19	MFF
1,1-Dichloroethylene	ND	1.0	0.16	µg/L	1		SW-846 8260D	1/11/22	1/11/22 14:19	MFF
cis-1,2-Dichloroethylene	ND	1.0	0.15	µg/L	1		SW-846 8260D	1/11/22	1/11/22 14:19	MFF
trans-1,2-Dichloroethylene	ND	1.0	0.17	µg/L	1		SW-846 8260D	1/11/22	1/11/22 14:19	MFF
1,2-Dichloropropane	ND	1.0	0.18	µg/L	1		SW-846 8260D	1/11/22	1/11/22 14:19	MFF
1,3-Dichloropropane	ND	0.50	0.12	µg/L	1		SW-846 8260D	1/11/22	1/11/22 14:19	MFF
2,2-Dichloropropane	ND	1.0	0.31	µg/L	1		SW-846 8260D	1/11/22	1/11/22 14:19	MFF
1,1-Dichloropropene	ND	2.0	0.26	µg/L	1		SW-846 8260D	1/11/22	1/11/22 14:19	MFF
cis-1,3-Dichloropropene	ND	0.50	0.12	µg/L	1		SW-846 8260D	1/11/22	1/11/22 14:19	MFF
trans-1,3-Dichloropropene	ND	0.50	0.15	µg/L	1		SW-846 8260D	1/11/22	1/11/22 14:19	MFF
Diethyl Ether	ND	2.0	0.22	µg/L	1		SW-846 8260D	1/11/22	1/11/22 14:19	MFF

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

Project Location: 63 Wst Merrick Rd., Lindenhurst, Sample Description: Work Order: 22A0349

Date Received: 1/10/2022

Field Sample #: MW-5S Sampled: 1/5/2022 14:15

Sample ID: 22A0349-03

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	0.15	µg/L	1		SW-846 8260D	1/11/22	1/11/22 14:19	MFF
1,4-Dioxane	ND	50	22	µg/L	1		SW-846 8260D	1/11/22	1/11/22 14:19	MFF
Ethylbenzene	ND	1.0	0.090	µg/L	1		SW-846 8260D	1/11/22	1/11/22 14:19	MFF
Hexachlorobutadiene	ND	0.60	0.41	µg/L	1		SW-846 8260D	1/11/22	1/11/22 14:19	MFF
2-Hexanone (MBK)	ND	10	1.4	µg/L	1		SW-846 8260D	1/11/22	1/11/22 14:19	MFF
Isopropylbenzene (Cumene)	ND	1.0	0.10	µg/L	1		SW-846 8260D	1/11/22	1/11/22 14:19	MFF
p-Isopropyltoluene (p-Cymene)	ND	1.0	0.090	µg/L	1		SW-846 8260D	1/11/22	1/11/22 14:19	MFF
Methyl Acetate	ND	1.0	0.39	µg/L	1		SW-846 8260D	1/11/22	1/11/22 14:19	MFF
Methyl tert-Butyl Ether (MTBE)	ND	1.0	0.17	µg/L	1		SW-846 8260D	1/11/22	1/11/22 14:19	MFF
Methyl Cyclohexane	ND	1.0	0.33	µg/L	1		SW-846 8260D	1/11/22	1/11/22 14:19	MFF
Methylene Chloride	ND	5.0	0.30	µg/L	1		SW-846 8260D	1/11/22	1/11/22 14:19	MFF
4-Methyl-2-pentanone (MIBK)	ND	10	1.6	µg/L	1		SW-846 8260D	1/11/22	1/11/22 14:19	MFF
Naphthalene	ND	2.0	0.15	µg/L	1	V-05	SW-846 8260D	1/11/22	1/11/22 14:19	MFF
n-Propylbenzene	ND	1.0	0.080	µg/L	1		SW-846 8260D	1/11/22	1/11/22 14:19	MFF
Styrene	ND	1.0	0.080	µg/L	1		SW-846 8260D	1/11/22	1/11/22 14:19	MFF
1,1,1,2-Tetrachloroethane	ND	1.0	0.14	µg/L	1		SW-846 8260D	1/11/22	1/11/22 14:19	MFF
1,1,2,2-Tetrachloroethane	ND	0.50	0.090	µg/L	1		SW-846 8260D	1/11/22	1/11/22 14:19	MFF
Tetrachloroethylene	1.6	1.0	0.20	µg/L	1		SW-846 8260D	1/11/22	1/11/22 14:19	MFF
Tetrahydrofuran	ND	10	0.58	µg/L	1		SW-846 8260D	1/11/22	1/11/22 14:19	MFF
Toluene	ND	1.0	0.11	µg/L	1		SW-846 8260D	1/11/22	1/11/22 14:19	MFF
1,2,3-Trichlorobenzene	ND	5.0	0.14	µg/L	1	L-04, V-05	SW-846 8260D	1/11/22	1/11/22 14:19	MFF
1,2,4-Trichlorobenzene	ND	1.0	0.16	µg/L	1	V-05	SW-846 8260D	1/11/22	1/11/22 14:19	MFF
1,3,5-Trichlorobenzene	ND	1.0	0.18	µg/L	1		SW-846 8260D	1/11/22	1/11/22 14:19	MFF
1,1,1-Trichloroethane	ND	1.0	0.17	µg/L	1		SW-846 8260D	1/11/22	1/11/22 14:19	MFF
1,1,2-Trichloroethane	ND	1.0	0.15	µg/L	1		SW-846 8260D	1/11/22	1/11/22 14:19	MFF
Trichloroethylene	ND	1.0	0.18	µg/L	1		SW-846 8260D	1/11/22	1/11/22 14:19	MFF
Trichlorofluoromethane (Freon 11)	ND	2.0	0.19	µg/L	1		SW-846 8260D	1/11/22	1/11/22 14:19	MFF
1,2,3-Trichloropropane	ND	2.0	0.31	µg/L	1		SW-846 8260D	1/11/22	1/11/22 14:19	MFF
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	1.0	0.24	µg/L	1	R-05	SW-846 8260D	1/11/22	1/11/22 14:19	MFF
1,2,4-Trimethylbenzene	ND	1.0	0.10	µg/L	1		SW-846 8260D	1/11/22	1/11/22 14:19	MFF
1,3,5-Trimethylbenzene	ND	1.0	0.10	µg/L	1		SW-846 8260D	1/11/22	1/11/22 14:19	MFF
Vinyl Chloride	ND	2.0	0.20	µg/L	1		SW-846 8260D	1/11/22	1/11/22 14:19	MFF
m+p Xylene	ND	2.0	0.18	µg/L	1		SW-846 8260D	1/11/22	1/11/22 14:19	MFF
o-Xylene	ND	1.0	0.090	µg/L	1		SW-846 8260D	1/11/22	1/11/22 14:19	MFF

Surrogates	% Recovery	Recovery Limits	Flag/Qual	
1,2-Dichloroethane-d4	101	70-130		1/11/22 14:19
Toluene-d8	102	70-130		1/11/22 14:19
4-Bromofluorobenzene	96.5	70-130		1/11/22 14:19

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

Project Location: 63 Wst Merrick Rd., Lindenhurst, Sample Description: Work Order: 22A0349

Date Received: 1/10/2022

Field Sample #: MW-5S Sampled: 1/5/2022 14:15

Sample ID: 22A0349-03

Sample Matrix: Ground Water

Tentatively Identified Compounds - Volatile Compounds (ESTIMATED VALUES REPORTED)

Analyte	Results	Units	Response	RT	DF	CAS #	Q#	Method	Date Prepared	Date/Time Analyzed	Analyst
No TICs Found	0.0	µg/L			1			SW-846 8260D	1/11/22	1/11/22 14:19	MFF

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Project Location: 63 Wst Merrick Rd., Lindenhurst, Sample Description: Work Order: 22A0349

Date Received: 1/10/2022

Field Sample #: MW-101 Sampled: 1/5/2022 14:24

Sample ID: 22A0349-04

Sample Matrix: Ground Water

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	DL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Acetone	ND	50	2.4	µg/L	1		SW-846 8260D	1/11/22	1/11/22 14:43	MFF
Acrylonitrile	ND	5.0	0.69	µg/L	1		SW-846 8260D	1/11/22	1/11/22 14:43	MFF
tert-Amyl Methyl Ether (TAME)	ND	0.50	0.15	µg/L	1		SW-846 8260D	1/11/22	1/11/22 14:43	MFF
Benzene	ND	1.0	0.13	µg/L	1		SW-846 8260D	1/11/22	1/11/22 14:43	MFF
Bromobenzene	ND	1.0	0.13	µg/L	1		SW-846 8260D	1/11/22	1/11/22 14:43	MFF
Bromochloromethane	ND	1.0	0.36	µg/L	1		SW-846 8260D	1/11/22	1/11/22 14:43	MFF
Bromodichloromethane	ND	0.50	0.14	µg/L	1		SW-846 8260D	1/11/22	1/11/22 14:43	MFF
Bromoform	ND	1.0	0.29	µg/L	1		SW-846 8260D	1/11/22	1/11/22 14:43	MFF
Bromomethane	ND	2.0	1.1	µg/L	1		SW-846 8260D	1/11/22	1/11/22 14:43	MFF
2-Butanone (MEK)	ND	20	1.9	µg/L	1		SW-846 8260D	1/11/22	1/11/22 14:43	MFF
tert-Butyl Alcohol (TBA)	ND	20	5.3	µg/L	1		SW-846 8260D	1/11/22	1/11/22 14:43	MFF
n-Butylbenzene	ND	1.0	0.14	µg/L	1		SW-846 8260D	1/11/22	1/11/22 14:43	MFF
sec-Butylbenzene	ND	1.0	0.10	µg/L	1		SW-846 8260D	1/11/22	1/11/22 14:43	MFF
tert-Butylbenzene	ND	1.0	0.090	µg/L	1		SW-846 8260D	1/11/22	1/11/22 14:43	MFF
tert-Butyl Ethyl Ether (TBEE)	ND	0.50	0.11	µg/L	1		SW-846 8260D	1/11/22	1/11/22 14:43	MFF
Carbon Disulfide	ND	5.0	1.5	µg/L	1		SW-846 8260D	1/11/22	1/11/22 14:43	MFF
Carbon Tetrachloride	ND	5.0	0.17	µg/L	1		SW-846 8260D	1/11/22	1/11/22 14:43	MFF
Chlorobenzene	ND	1.0	0.080	µg/L	1		SW-846 8260D	1/11/22	1/11/22 14:43	MFF
Chlorodibromomethane	ND	0.50	0.16	µg/L	1		SW-846 8260D	1/11/22	1/11/22 14:43	MFF
Chloroethane	ND	2.0	0.37	µg/L	1		SW-846 8260D	1/11/22	1/11/22 14:43	MFF
Chloroform	ND	2.0	0.19	µg/L	1		SW-846 8260D	1/11/22	1/11/22 14:43	MFF
Chloromethane	ND	2.0	0.38	µg/L	1		SW-846 8260D	1/11/22	1/11/22 14:43	MFF
2-Chlorotoluene	ND	1.0	0.090	µg/L	1		SW-846 8260D	1/11/22	1/11/22 14:43	MFF
4-Chlorotoluene	ND	1.0	0.10	µg/L	1		SW-846 8260D	1/11/22	1/11/22 14:43	MFF
1,2-Dibromo-3-chloropropane (DBCP)	ND	5.0	0.72	µg/L	1		SW-846 8260D	1/11/22	1/11/22 14:43	MFF
1,2-Dibromoethane (EDB)	ND	0.50	0.15	µg/L	1		SW-846 8260D	1/11/22	1/11/22 14:43	MFF
Dibromomethane	ND	1.0	0.29	µg/L	1		SW-846 8260D	1/11/22	1/11/22 14:43	MFF
1,2-Dichlorobenzene	ND	1.0	0.10	µg/L	1		SW-846 8260D	1/11/22	1/11/22 14:43	MFF
1,3-Dichlorobenzene	ND	1.0	0.090	µg/L	1		SW-846 8260D	1/11/22	1/11/22 14:43	MFF
1,4-Dichlorobenzene	ND	1.0	0.11	µg/L	1		SW-846 8260D	1/11/22	1/11/22 14:43	MFF
trans-1,4-Dichloro-2-butene	ND	2.0	1.8	µg/L	1		SW-846 8260D	1/11/22	1/11/22 14:43	MFF
Dichlorodifluoromethane (Freon 12)	ND	2.0	0.20	µg/L	1		SW-846 8260D	1/11/22	1/11/22 14:43	MFF
1,1-Dichloroethane	ND	1.0	0.16	µg/L	1		SW-846 8260D	1/11/22	1/11/22 14:43	MFF
1,2-Dichloroethane	ND	1.0	0.32	µg/L	1		SW-846 8260D	1/11/22	1/11/22 14:43	MFF
1,1-Dichloroethylene	ND	1.0	0.16	µg/L	1		SW-846 8260D	1/11/22	1/11/22 14:43	MFF
cis-1,2-Dichloroethylene	ND	1.0	0.15	µg/L	1		SW-846 8260D	1/11/22	1/11/22 14:43	MFF
trans-1,2-Dichloroethylene	ND	1.0	0.17	µg/L	1		SW-846 8260D	1/11/22	1/11/22 14:43	MFF
1,2-Dichloropropane	ND	1.0	0.18	µg/L	1		SW-846 8260D	1/11/22	1/11/22 14:43	MFF
1,3-Dichloropropane	ND	0.50	0.12	µg/L	1		SW-846 8260D	1/11/22	1/11/22 14:43	MFF
2,2-Dichloropropane	ND	1.0	0.31	µg/L	1		SW-846 8260D	1/11/22	1/11/22 14:43	MFF
1,1-Dichloropropene	ND	2.0	0.26	µg/L	1		SW-846 8260D	1/11/22	1/11/22 14:43	MFF
cis-1,3-Dichloropropene	ND	0.50	0.12	µg/L	1		SW-846 8260D	1/11/22	1/11/22 14:43	MFF
trans-1,3-Dichloropropene	ND	0.50	0.15	µg/L	1		SW-846 8260D	1/11/22	1/11/22 14:43	MFF
Diethyl Ether	ND	2.0	0.22	µg/L	1		SW-846 8260D	1/11/22	1/11/22 14:43	MFF

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

Project Location: 63 Wst Merrick Rd., Lindenhurst, Sample Description: Work Order: 22A0349

Date Received: 1/10/2022

Field Sample #: MW-101 Sampled: 1/5/2022 14:24

Sample ID: 22A0349-04

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	0.15	µg/L	1		SW-846 8260D	1/11/22	1/11/22 14:43	MFF
1,4-Dioxane	ND	50	22	µg/L	1		SW-846 8260D	1/11/22	1/11/22 14:43	MFF
Ethylbenzene	ND	1.0	0.090	µg/L	1		SW-846 8260D	1/11/22	1/11/22 14:43	MFF
Hexachlorobutadiene	ND	0.60	0.41	µg/L	1		SW-846 8260D	1/11/22	1/11/22 14:43	MFF
2-Hexanone (MBK)	ND	10	1.4	µg/L	1		SW-846 8260D	1/11/22	1/11/22 14:43	MFF
Isopropylbenzene (Cumene)	ND	1.0	0.10	µg/L	1		SW-846 8260D	1/11/22	1/11/22 14:43	MFF
p-Isopropyltoluene (p-Cymene)	ND	1.0	0.090	µg/L	1		SW-846 8260D	1/11/22	1/11/22 14:43	MFF
Methyl Acetate	ND	1.0	0.39	µg/L	1		SW-846 8260D	1/11/22	1/11/22 14:43	MFF
Methyl tert-Butyl Ether (MTBE)	ND	1.0	0.17	µg/L	1		SW-846 8260D	1/11/22	1/11/22 14:43	MFF
Methyl Cyclohexane	ND	1.0	0.33	µg/L	1		SW-846 8260D	1/11/22	1/11/22 14:43	MFF
Methylene Chloride	ND	5.0	0.30	µg/L	1		SW-846 8260D	1/11/22	1/11/22 14:43	MFF
4-Methyl-2-pentanone (MIBK)	ND	10	1.6	µg/L	1		SW-846 8260D	1/11/22	1/11/22 14:43	MFF
Naphthalene	ND	2.0	0.15	µg/L	1	V-05	SW-846 8260D	1/11/22	1/11/22 14:43	MFF
n-Propylbenzene	ND	1.0	0.080	µg/L	1		SW-846 8260D	1/11/22	1/11/22 14:43	MFF
Styrene	ND	1.0	0.080	µg/L	1		SW-846 8260D	1/11/22	1/11/22 14:43	MFF
1,1,1,2-Tetrachloroethane	ND	1.0	0.14	µg/L	1		SW-846 8260D	1/11/22	1/11/22 14:43	MFF
1,1,2,2-Tetrachloroethane	ND	0.50	0.090	µg/L	1		SW-846 8260D	1/11/22	1/11/22 14:43	MFF
Tetrachloroethylene	0.86	1.0	0.20	µg/L	1	J	SW-846 8260D	1/11/22	1/11/22 14:43	MFF
Tetrahydrofuran	ND	10	0.58	µg/L	1		SW-846 8260D	1/11/22	1/11/22 14:43	MFF
Toluene	ND	1.0	0.11	µg/L	1		SW-846 8260D	1/11/22	1/11/22 14:43	MFF
1,2,3-Trichlorobenzene	ND	5.0	0.14	µg/L	1	L-04, V-05	SW-846 8260D	1/11/22	1/11/22 14:43	MFF
1,2,4-Trichlorobenzene	ND	1.0	0.16	µg/L	1	V-05	SW-846 8260D	1/11/22	1/11/22 14:43	MFF
1,3,5-Trichlorobenzene	ND	1.0	0.18	µg/L	1		SW-846 8260D	1/11/22	1/11/22 14:43	MFF
1,1,1-Trichloroethane	ND	1.0	0.17	µg/L	1		SW-846 8260D	1/11/22	1/11/22 14:43	MFF
1,1,2-Trichloroethane	ND	1.0	0.15	µg/L	1		SW-846 8260D	1/11/22	1/11/22 14:43	MFF
Trichloroethylene	0.28	1.0	0.18	µg/L	1	J	SW-846 8260D	1/11/22	1/11/22 14:43	MFF
Trichlorofluoromethane (Freon 11)	ND	2.0	0.19	µg/L	1		SW-846 8260D	1/11/22	1/11/22 14:43	MFF
1,2,3-Trichloropropane	ND	2.0	0.31	µg/L	1		SW-846 8260D	1/11/22	1/11/22 14:43	MFF
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	1.0	0.24	µg/L	1	R-05	SW-846 8260D	1/11/22	1/11/22 14:43	MFF
1,2,4-Trimethylbenzene	ND	1.0	0.10	µg/L	1		SW-846 8260D	1/11/22	1/11/22 14:43	MFF
1,3,5-Trimethylbenzene	ND	1.0	0.10	µg/L	1		SW-846 8260D	1/11/22	1/11/22 14:43	MFF
Vinyl Chloride	ND	2.0	0.20	µg/L	1		SW-846 8260D	1/11/22	1/11/22 14:43	MFF
m+p Xylene	ND	2.0	0.18	µg/L	1		SW-846 8260D	1/11/22	1/11/22 14:43	MFF
o-Xylene	ND	1.0	0.090	µg/L	1		SW-846 8260D	1/11/22	1/11/22 14:43	MFF

Surrogates	% Recovery	Recovery Limits	Flag/Qual	
1,2-Dichloroethane-d4	98.4	70-130		1/11/22 14:43
Toluene-d8	104	70-130		1/11/22 14:43
4-Bromofluorobenzene	95.6	70-130		1/11/22 14:43

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Project Location: 63 Wst Merrick Rd., Lindenhurst, Sample Description: Work Order: 22A0349

Date Received: 1/10/2022

Field Sample #: MW-101 Sampled: 1/5/2022 14:24

Sample ID: 22A0349-04

Sample Matrix: Ground Water

Tentatively Identified Compounds - Volatile Compounds (ESTIMATED VALUES REPORTED)

Analyte	Results	Units	Response	RT	DF	CAS #	Q#	Method	Date Prepared	Date/Time Analyzed	Analyst
No TICs Found	0.0	µg/L			1			SW-846 8260D	1/11/22	1/11/22 14:43	MFF

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Project Location: 63 Wst Merrick Rd., Lindenhurst, Sample Description: Work Order: 22A0349

Date Received: 1/10/2022

Field Sample #: MW-102 Sampled: 1/5/2022 13:43

Sample ID: 22A0349-05

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	2.4	µg/L	1		SW-846 8260D	1/11/22	1/11/22 15:07	MFF
Acrylonitrile	ND	5.0	0.69	µg/L	1		SW-846 8260D	1/11/22	1/11/22 15:07	MFF
tert-Amyl Methyl Ether (TAME)	ND	0.50	0.15	µg/L	1		SW-846 8260D	1/11/22	1/11/22 15:07	MFF
Benzene	ND	1.0	0.13	µg/L	1		SW-846 8260D	1/11/22	1/11/22 15:07	MFF
Bromobenzene	ND	1.0	0.13	µg/L	1		SW-846 8260D	1/11/22	1/11/22 15:07	MFF
Bromochloromethane	ND	1.0	0.36	µg/L	1		SW-846 8260D	1/11/22	1/11/22 15:07	MFF
Bromodichloromethane	ND	0.50	0.14	µg/L	1		SW-846 8260D	1/11/22	1/11/22 15:07	MFF
Bromoform	ND	1.0	0.29	µg/L	1		SW-846 8260D	1/11/22	1/11/22 15:07	MFF
Bromomethane	ND	2.0	1.1	µg/L	1		SW-846 8260D	1/11/22	1/11/22 15:07	MFF
2-Butanone (MEK)	ND	20	1.9	µg/L	1		SW-846 8260D	1/11/22	1/11/22 15:07	MFF
tert-Butyl Alcohol (TBA)	ND	20	5.3	µg/L	1		SW-846 8260D	1/11/22	1/11/22 15:07	MFF
n-Butylbenzene	ND	1.0	0.14	µg/L	1		SW-846 8260D	1/11/22	1/11/22 15:07	MFF
sec-Butylbenzene	ND	1.0	0.10	µg/L	1		SW-846 8260D	1/11/22	1/11/22 15:07	MFF
tert-Butylbenzene	ND	1.0	0.090	µg/L	1		SW-846 8260D	1/11/22	1/11/22 15:07	MFF
tert-Butyl Ethyl Ether (TBEE)	ND	0.50	0.11	µg/L	1		SW-846 8260D	1/11/22	1/11/22 15:07	MFF
Carbon Disulfide	ND	5.0	1.5	µg/L	1		SW-846 8260D	1/11/22	1/11/22 15:07	MFF
Carbon Tetrachloride	ND	5.0	0.17	µg/L	1		SW-846 8260D	1/11/22	1/11/22 15:07	MFF
Chlorobenzene	ND	1.0	0.080	µg/L	1		SW-846 8260D	1/11/22	1/11/22 15:07	MFF
Chlorodibromomethane	ND	0.50	0.16	µg/L	1		SW-846 8260D	1/11/22	1/11/22 15:07	MFF
Chloroethane	ND	2.0	0.37	µg/L	1		SW-846 8260D	1/11/22	1/11/22 15:07	MFF
Chloroform	ND	2.0	0.19	µg/L	1		SW-846 8260D	1/11/22	1/11/22 15:07	MFF
Chloromethane	ND	2.0	0.38	µg/L	1		SW-846 8260D	1/11/22	1/11/22 15:07	MFF
2-Chlorotoluene	ND	1.0	0.090	µg/L	1		SW-846 8260D	1/11/22	1/11/22 15:07	MFF
4-Chlorotoluene	ND	1.0	0.10	µg/L	1		SW-846 8260D	1/11/22	1/11/22 15:07	MFF
1,2-Dibromo-3-chloropropane (DBCP)	ND	5.0	0.72	µg/L	1		SW-846 8260D	1/11/22	1/11/22 15:07	MFF
1,2-Dibromoethane (EDB)	ND	0.50	0.15	µg/L	1		SW-846 8260D	1/11/22	1/11/22 15:07	MFF
Dibromomethane	ND	1.0	0.29	µg/L	1		SW-846 8260D	1/11/22	1/11/22 15:07	MFF
1,2-Dichlorobenzene	ND	1.0	0.10	µg/L	1		SW-846 8260D	1/11/22	1/11/22 15:07	MFF
1,3-Dichlorobenzene	ND	1.0	0.090	µg/L	1		SW-846 8260D	1/11/22	1/11/22 15:07	MFF
1,4-Dichlorobenzene	ND	1.0	0.11	µg/L	1		SW-846 8260D	1/11/22	1/11/22 15:07	MFF
trans-1,4-Dichloro-2-butene	ND	2.0	1.8	µg/L	1		SW-846 8260D	1/11/22	1/11/22 15:07	MFF
Dichlorodifluoromethane (Freon 12)	ND	2.0	0.20	µg/L	1		SW-846 8260D	1/11/22	1/11/22 15:07	MFF
1,1-Dichloroethane	ND	1.0	0.16	µg/L	1		SW-846 8260D	1/11/22	1/11/22 15:07	MFF
1,2-Dichloroethane	ND	1.0	0.32	µg/L	1		SW-846 8260D	1/11/22	1/11/22 15:07	MFF
1,1-Dichloroethylene	ND	1.0	0.16	µg/L	1		SW-846 8260D	1/11/22	1/11/22 15:07	MFF
cis-1,2-Dichloroethylene	ND	1.0	0.15	µg/L	1		SW-846 8260D	1/11/22	1/11/22 15:07	MFF
trans-1,2-Dichloroethylene	ND	1.0	0.17	µg/L	1		SW-846 8260D	1/11/22	1/11/22 15:07	MFF
1,2-Dichloropropane	ND	1.0	0.18	µg/L	1		SW-846 8260D	1/11/22	1/11/22 15:07	MFF
1,3-Dichloropropane	ND	0.50	0.12	µg/L	1		SW-846 8260D	1/11/22	1/11/22 15:07	MFF
2,2-Dichloropropane	ND	1.0	0.31	µg/L	1		SW-846 8260D	1/11/22	1/11/22 15:07	MFF
1,1-Dichloropropene	ND	2.0	0.26	µg/L	1		SW-846 8260D	1/11/22	1/11/22 15:07	MFF
cis-1,3-Dichloropropene	ND	0.50	0.12	µg/L	1		SW-846 8260D	1/11/22	1/11/22 15:07	MFF
trans-1,3-Dichloropropene	ND	0.50	0.15	µg/L	1		SW-846 8260D	1/11/22	1/11/22 15:07	MFF
Diethyl Ether	ND	2.0	0.22	µg/L	1		SW-846 8260D	1/11/22	1/11/22 15:07	MFF

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Project Location: 63 Wst Merrick Rd., Lindenhurst, Sample Description: Work Order: 22A0349

Date Received: 1/10/2022

Field Sample #: MW-102 Sampled: 1/5/2022 13:43

Sample ID: 22A0349-05

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	0.15	µg/L	1		SW-846 8260D	1/11/22	1/11/22 15:07	MFF
1,4-Dioxane	ND	50	22	µg/L	1		SW-846 8260D	1/11/22	1/11/22 15:07	MFF
Ethylbenzene	ND	1.0	0.090	µg/L	1		SW-846 8260D	1/11/22	1/11/22 15:07	MFF
Hexachlorobutadiene	ND	0.60	0.41	µg/L	1		SW-846 8260D	1/11/22	1/11/22 15:07	MFF
2-Hexanone (MBK)	ND	10	1.4	µg/L	1		SW-846 8260D	1/11/22	1/11/22 15:07	MFF
Isopropylbenzene (Cumene)	ND	1.0	0.10	µg/L	1		SW-846 8260D	1/11/22	1/11/22 15:07	MFF
p-Isopropyltoluene (p-Cymene)	ND	1.0	0.090	µg/L	1		SW-846 8260D	1/11/22	1/11/22 15:07	MFF
Methyl Acetate	ND	1.0	0.39	µg/L	1		SW-846 8260D	1/11/22	1/11/22 15:07	MFF
Methyl tert-Butyl Ether (MTBE)	ND	1.0	0.17	µg/L	1		SW-846 8260D	1/11/22	1/11/22 15:07	MFF
Methyl Cyclohexane	ND	1.0	0.33	µg/L	1		SW-846 8260D	1/11/22	1/11/22 15:07	MFF
Methylene Chloride	ND	5.0	0.30	µg/L	1		SW-846 8260D	1/11/22	1/11/22 15:07	MFF
4-Methyl-2-pentanone (MIBK)	ND	10	1.6	µg/L	1		SW-846 8260D	1/11/22	1/11/22 15:07	MFF
Naphthalene	ND	2.0	0.15	µg/L	1	V-05	SW-846 8260D	1/11/22	1/11/22 15:07	MFF
n-Propylbenzene	ND	1.0	0.080	µg/L	1		SW-846 8260D	1/11/22	1/11/22 15:07	MFF
Styrene	ND	1.0	0.080	µg/L	1		SW-846 8260D	1/11/22	1/11/22 15:07	MFF
1,1,1,2-Tetrachloroethane	ND	1.0	0.14	µg/L	1		SW-846 8260D	1/11/22	1/11/22 15:07	MFF
1,1,2,2-Tetrachloroethane	ND	0.50	0.090	µg/L	1		SW-846 8260D	1/11/22	1/11/22 15:07	MFF
Tetrachloroethylene	0.56	1.0	0.20	µg/L	1	J	SW-846 8260D	1/11/22	1/11/22 15:07	MFF
Tetrahydrofuran	ND	10	0.58	µg/L	1		SW-846 8260D	1/11/22	1/11/22 15:07	MFF
Toluene	ND	1.0	0.11	µg/L	1		SW-846 8260D	1/11/22	1/11/22 15:07	MFF
1,2,3-Trichlorobenzene	ND	5.0	0.14	µg/L	1	L-04, V-05	SW-846 8260D	1/11/22	1/11/22 15:07	MFF
1,2,4-Trichlorobenzene	ND	1.0	0.16	µg/L	1	V-05	SW-846 8260D	1/11/22	1/11/22 15:07	MFF
1,3,5-Trichlorobenzene	ND	1.0	0.18	µg/L	1		SW-846 8260D	1/11/22	1/11/22 15:07	MFF
1,1,1-Trichloroethane	ND	1.0	0.17	µg/L	1		SW-846 8260D	1/11/22	1/11/22 15:07	MFF
1,1,2-Trichloroethane	ND	1.0	0.15	µg/L	1		SW-846 8260D	1/11/22	1/11/22 15:07	MFF
Trichloroethylene	ND	1.0	0.18	µg/L	1		SW-846 8260D	1/11/22	1/11/22 15:07	MFF
Trichlorofluoromethane (Freon 11)	ND	2.0	0.19	µg/L	1		SW-846 8260D	1/11/22	1/11/22 15:07	MFF
1,2,3-Trichloropropane	ND	2.0	0.31	µg/L	1		SW-846 8260D	1/11/22	1/11/22 15:07	MFF
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	1.0	0.24	µg/L	1	R-05	SW-846 8260D	1/11/22	1/11/22 15:07	MFF
1,2,4-Trimethylbenzene	ND	1.0	0.10	µg/L	1		SW-846 8260D	1/11/22	1/11/22 15:07	MFF
1,3,5-Trimethylbenzene	ND	1.0	0.10	µg/L	1		SW-846 8260D	1/11/22	1/11/22 15:07	MFF
Vinyl Chloride	ND	2.0	0.20	µg/L	1		SW-846 8260D	1/11/22	1/11/22 15:07	MFF
m+p Xylene	ND	2.0	0.18	µg/L	1		SW-846 8260D	1/11/22	1/11/22 15:07	MFF
o-Xylene	ND	1.0	0.090	µg/L	1		SW-846 8260D	1/11/22	1/11/22 15:07	MFF

Surrogates	% Recovery	Recovery Limits	Flag/Qual	
1,2-Dichloroethane-d4	98.3	70-130		1/11/22 15:07
Toluene-d8	102	70-130		1/11/22 15:07
4-Bromofluorobenzene	95.2	70-130		1/11/22 15:07

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Project Location: 63 Wst Merrick Rd., Lindenhurst, Sample Description: Work Order: 22A0349

Date Received: 1/10/2022

Field Sample #: MW-102 Sampled: 1/5/2022 13:43

Sample ID: 22A0349-05

Sample Matrix: Ground Water

Tentatively Identified Compounds - Volatile Compounds (ESTIMATED VALUES REPORTED)

Analyte	Results	Units	Response	RT	DF	CAS #	Q#	Method	Date Prepared	Date/Time Analyzed	Analyst
No TICs Found	0.0	µg/L			1			SW-846 8260D	1/11/22	1/11/22 15:07	MFF

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Project Location: 63 Wst Merrick Rd., Lindenhurst, Sample Description: Work Order: 22A0349

Date Received: 1/10/2022

Field Sample #: MW-103 Sampled: 1/5/2022 12:52

Sample ID: 22A0349-06

Sample Matrix: Ground Water

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	DL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Acetone	ND	50	2.4	µg/L	1		SW-846 8260D	1/11/22	1/11/22 15:31	MFF
Acrylonitrile	ND	5.0	0.69	µg/L	1		SW-846 8260D	1/11/22	1/11/22 15:31	MFF
tert-Amyl Methyl Ether (TAME)	ND	0.50	0.15	µg/L	1		SW-846 8260D	1/11/22	1/11/22 15:31	MFF
Benzene	ND	1.0	0.13	µg/L	1		SW-846 8260D	1/11/22	1/11/22 15:31	MFF
Bromobenzene	ND	1.0	0.13	µg/L	1		SW-846 8260D	1/11/22	1/11/22 15:31	MFF
Bromochloromethane	ND	1.0	0.36	µg/L	1		SW-846 8260D	1/11/22	1/11/22 15:31	MFF
Bromodichloromethane	ND	0.50	0.14	µg/L	1		SW-846 8260D	1/11/22	1/11/22 15:31	MFF
Bromoform	ND	1.0	0.29	µg/L	1		SW-846 8260D	1/11/22	1/11/22 15:31	MFF
Bromomethane	ND	2.0	1.1	µg/L	1		SW-846 8260D	1/11/22	1/11/22 15:31	MFF
2-Butanone (MEK)	ND	20	1.9	µg/L	1		SW-846 8260D	1/11/22	1/11/22 15:31	MFF
tert-Butyl Alcohol (TBA)	ND	20	5.3	µg/L	1		SW-846 8260D	1/11/22	1/11/22 15:31	MFF
n-Butylbenzene	ND	1.0	0.14	µg/L	1		SW-846 8260D	1/11/22	1/11/22 15:31	MFF
sec-Butylbenzene	ND	1.0	0.10	µg/L	1		SW-846 8260D	1/11/22	1/11/22 15:31	MFF
tert-Butylbenzene	ND	1.0	0.090	µg/L	1		SW-846 8260D	1/11/22	1/11/22 15:31	MFF
tert-Butyl Ethyl Ether (TBEE)	ND	0.50	0.11	µg/L	1		SW-846 8260D	1/11/22	1/11/22 15:31	MFF
Carbon Disulfide	ND	5.0	1.5	µg/L	1		SW-846 8260D	1/11/22	1/11/22 15:31	MFF
Carbon Tetrachloride	ND	5.0	0.17	µg/L	1		SW-846 8260D	1/11/22	1/11/22 15:31	MFF
Chlorobenzene	ND	1.0	0.080	µg/L	1		SW-846 8260D	1/11/22	1/11/22 15:31	MFF
Chlorodibromomethane	ND	0.50	0.16	µg/L	1		SW-846 8260D	1/11/22	1/11/22 15:31	MFF
Chloroethane	ND	2.0	0.37	µg/L	1		SW-846 8260D	1/11/22	1/11/22 15:31	MFF
Chloroform	ND	2.0	0.19	µg/L	1		SW-846 8260D	1/11/22	1/11/22 15:31	MFF
Chloromethane	ND	2.0	0.38	µg/L	1		SW-846 8260D	1/11/22	1/11/22 15:31	MFF
2-Chlorotoluene	ND	1.0	0.090	µg/L	1		SW-846 8260D	1/11/22	1/11/22 15:31	MFF
4-Chlorotoluene	ND	1.0	0.10	µg/L	1		SW-846 8260D	1/11/22	1/11/22 15:31	MFF
1,2-Dibromo-3-chloropropane (DBCP)	ND	5.0	0.72	µg/L	1		SW-846 8260D	1/11/22	1/11/22 15:31	MFF
1,2-Dibromoethane (EDB)	ND	0.50	0.15	µg/L	1		SW-846 8260D	1/11/22	1/11/22 15:31	MFF
Dibromomethane	ND	1.0	0.29	µg/L	1		SW-846 8260D	1/11/22	1/11/22 15:31	MFF
1,2-Dichlorobenzene	ND	1.0	0.10	µg/L	1		SW-846 8260D	1/11/22	1/11/22 15:31	MFF
1,3-Dichlorobenzene	ND	1.0	0.090	µg/L	1		SW-846 8260D	1/11/22	1/11/22 15:31	MFF
1,4-Dichlorobenzene	ND	1.0	0.11	µg/L	1		SW-846 8260D	1/11/22	1/11/22 15:31	MFF
trans-1,4-Dichloro-2-butene	ND	2.0	1.8	µg/L	1		SW-846 8260D	1/11/22	1/11/22 15:31	MFF
Dichlorodifluoromethane (Freon 12)	ND	2.0	0.20	µg/L	1		SW-846 8260D	1/11/22	1/11/22 15:31	MFF
1,1-Dichloroethane	ND	1.0	0.16	µg/L	1		SW-846 8260D	1/11/22	1/11/22 15:31	MFF
1,2-Dichloroethane	ND	1.0	0.32	µg/L	1		SW-846 8260D	1/11/22	1/11/22 15:31	MFF
1,1-Dichloroethylene	ND	1.0	0.16	µg/L	1		SW-846 8260D	1/11/22	1/11/22 15:31	MFF
cis-1,2-Dichloroethylene	ND	1.0	0.15	µg/L	1		SW-846 8260D	1/11/22	1/11/22 15:31	MFF
trans-1,2-Dichloroethylene	ND	1.0	0.17	µg/L	1		SW-846 8260D	1/11/22	1/11/22 15:31	MFF
1,2-Dichloropropane	ND	1.0	0.18	µg/L	1		SW-846 8260D	1/11/22	1/11/22 15:31	MFF
1,3-Dichloropropane	ND	0.50	0.12	µg/L	1		SW-846 8260D	1/11/22	1/11/22 15:31	MFF
2,2-Dichloropropane	ND	1.0	0.31	µg/L	1		SW-846 8260D	1/11/22	1/11/22 15:31	MFF
1,1-Dichloropropene	ND	2.0	0.26	µg/L	1		SW-846 8260D	1/11/22	1/11/22 15:31	MFF
cis-1,3-Dichloropropene	ND	0.50	0.12	µg/L	1		SW-846 8260D	1/11/22	1/11/22 15:31	MFF
trans-1,3-Dichloropropene	ND	0.50	0.15	µg/L	1		SW-846 8260D	1/11/22	1/11/22 15:31	MFF
Diethyl Ether	ND	2.0	0.22	µg/L	1		SW-846 8260D	1/11/22	1/11/22 15:31	MFF

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Project Location: 63 Wst Merrick Rd., Lindenhurst, Sample Description: Work Order: 22A0349

Date Received: 1/10/2022

Field Sample #: MW-103 Sampled: 1/5/2022 12:52

Sample ID: 22A0349-06

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	0.15	µg/L	1		SW-846 8260D	1/11/22	1/11/22 15:31	MFF
1,4-Dioxane	ND	50	22	µg/L	1		SW-846 8260D	1/11/22	1/11/22 15:31	MFF
Ethylbenzene	ND	1.0	0.090	µg/L	1		SW-846 8260D	1/11/22	1/11/22 15:31	MFF
Hexachlorobutadiene	ND	0.60	0.41	µg/L	1		SW-846 8260D	1/11/22	1/11/22 15:31	MFF
2-Hexanone (MBK)	ND	10	1.4	µg/L	1		SW-846 8260D	1/11/22	1/11/22 15:31	MFF
Isopropylbenzene (Cumene)	ND	1.0	0.10	µg/L	1		SW-846 8260D	1/11/22	1/11/22 15:31	MFF
p-Isopropyltoluene (p-Cymene)	ND	1.0	0.090	µg/L	1		SW-846 8260D	1/11/22	1/11/22 15:31	MFF
Methyl Acetate	ND	1.0	0.39	µg/L	1		SW-846 8260D	1/11/22	1/11/22 15:31	MFF
Methyl tert-Butyl Ether (MTBE)	ND	1.0	0.17	µg/L	1		SW-846 8260D	1/11/22	1/11/22 15:31	MFF
Methyl Cyclohexane	ND	1.0	0.33	µg/L	1		SW-846 8260D	1/11/22	1/11/22 15:31	MFF
Methylene Chloride	ND	5.0	0.30	µg/L	1		SW-846 8260D	1/11/22	1/11/22 15:31	MFF
4-Methyl-2-pentanone (MIBK)	ND	10	1.6	µg/L	1		SW-846 8260D	1/11/22	1/11/22 15:31	MFF
Naphthalene	ND	2.0	0.15	µg/L	1	V-05	SW-846 8260D	1/11/22	1/11/22 15:31	MFF
n-Propylbenzene	ND	1.0	0.080	µg/L	1		SW-846 8260D	1/11/22	1/11/22 15:31	MFF
Styrene	ND	1.0	0.080	µg/L	1		SW-846 8260D	1/11/22	1/11/22 15:31	MFF
1,1,1,2-Tetrachloroethane	ND	1.0	0.14	µg/L	1		SW-846 8260D	1/11/22	1/11/22 15:31	MFF
1,1,2,2-Tetrachloroethane	ND	0.50	0.090	µg/L	1		SW-846 8260D	1/11/22	1/11/22 15:31	MFF
Tetrachloroethylene	3.8	1.0	0.20	µg/L	1		SW-846 8260D	1/11/22	1/11/22 15:31	MFF
Tetrahydrofuran	ND	10	0.58	µg/L	1		SW-846 8260D	1/11/22	1/11/22 15:31	MFF
Toluene	ND	1.0	0.11	µg/L	1		SW-846 8260D	1/11/22	1/11/22 15:31	MFF
1,2,3-Trichlorobenzene	ND	5.0	0.14	µg/L	1	L-04, V-05	SW-846 8260D	1/11/22	1/11/22 15:31	MFF
1,2,4-Trichlorobenzene	ND	1.0	0.16	µg/L	1	V-05	SW-846 8260D	1/11/22	1/11/22 15:31	MFF
1,3,5-Trichlorobenzene	ND	1.0	0.18	µg/L	1		SW-846 8260D	1/11/22	1/11/22 15:31	MFF
1,1,1-Trichloroethane	ND	1.0	0.17	µg/L	1		SW-846 8260D	1/11/22	1/11/22 15:31	MFF
1,1,2-Trichloroethane	ND	1.0	0.15	µg/L	1		SW-846 8260D	1/11/22	1/11/22 15:31	MFF
Trichloroethylene	0.89	1.0	0.18	µg/L	1	J	SW-846 8260D	1/11/22	1/11/22 15:31	MFF
Trichlorofluoromethane (Freon 11)	ND	2.0	0.19	µg/L	1		SW-846 8260D	1/11/22	1/11/22 15:31	MFF
1,2,3-Trichloropropane	ND	2.0	0.31	µg/L	1		SW-846 8260D	1/11/22	1/11/22 15:31	MFF
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	1.0	0.24	µg/L	1	R-05	SW-846 8260D	1/11/22	1/11/22 15:31	MFF
1,2,4-Trimethylbenzene	ND	1.0	0.10	µg/L	1		SW-846 8260D	1/11/22	1/11/22 15:31	MFF
1,3,5-Trimethylbenzene	ND	1.0	0.10	µg/L	1		SW-846 8260D	1/11/22	1/11/22 15:31	MFF
Vinyl Chloride	ND	2.0	0.20	µg/L	1		SW-846 8260D	1/11/22	1/11/22 15:31	MFF
m+p Xylene	ND	2.0	0.18	µg/L	1		SW-846 8260D	1/11/22	1/11/22 15:31	MFF
o-Xylene	ND	1.0	0.090	µg/L	1		SW-846 8260D	1/11/22	1/11/22 15:31	MFF

Surrogates	% Recovery	Recovery Limits	Flag/Qual	
1,2-Dichloroethane-d4	101	70-130		1/11/22 15:31
Toluene-d8	103	70-130		1/11/22 15:31
4-Bromofluorobenzene	91.6	70-130		1/11/22 15:31

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

Project Location: 63 Wst Merrick Rd., Lindenhurst, Sample Description: Work Order: 22A0349

Date Received: 1/10/2022

Field Sample #: MW-103 Sampled: 1/5/2022 12:52

Sample ID: 22A0349-06

Sample Matrix: Ground Water

Tentatively Identified Compounds - Volatile Compounds (ESTIMATED VALUES REPORTED)

Analyte	Results	Units	Response	RT	DF	CAS #	Q#	Method	Date Prepared	Date/Time Analyzed	Analyst
No TICs Found	0.0	µg/L			1			SW-846 8260D	1/11/22	1/11/22 15:31	MFF

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Project Location: 63 Wst Merrick Rd., Lindenhurst, Sample Description: Work Order: 22A0349

Date Received: 1/10/2022

Field Sample #: MW-104 Sampled: 1/5/2022 13:29

Sample ID: 22A0349-07

Sample Matrix: Ground Water

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	DL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Acetone	ND	50	2.4	µg/L	1		SW-846 8260D	1/11/22	1/11/22 20:44	MFF
Acrylonitrile	ND	5.0	0.69	µg/L	1		SW-846 8260D	1/11/22	1/11/22 20:44	MFF
tert-Amyl Methyl Ether (TAME)	ND	0.50	0.15	µg/L	1		SW-846 8260D	1/11/22	1/11/22 20:44	MFF
Benzene	ND	1.0	0.13	µg/L	1		SW-846 8260D	1/11/22	1/11/22 20:44	MFF
Bromobenzene	ND	1.0	0.13	µg/L	1		SW-846 8260D	1/11/22	1/11/22 20:44	MFF
Bromochloromethane	ND	1.0	0.36	µg/L	1		SW-846 8260D	1/11/22	1/11/22 20:44	MFF
Bromodichloromethane	ND	0.50	0.14	µg/L	1		SW-846 8260D	1/11/22	1/11/22 20:44	MFF
Bromoform	ND	1.0	0.29	µg/L	1		SW-846 8260D	1/11/22	1/11/22 20:44	MFF
Bromomethane	ND	2.0	1.1	µg/L	1		SW-846 8260D	1/11/22	1/11/22 20:44	MFF
2-Butanone (MEK)	ND	20	1.9	µg/L	1		SW-846 8260D	1/11/22	1/11/22 20:44	MFF
tert-Butyl Alcohol (TBA)	ND	20	5.3	µg/L	1		SW-846 8260D	1/11/22	1/11/22 20:44	MFF
n-Butylbenzene	ND	1.0	0.14	µg/L	1		SW-846 8260D	1/11/22	1/11/22 20:44	MFF
sec-Butylbenzene	ND	1.0	0.10	µg/L	1		SW-846 8260D	1/11/22	1/11/22 20:44	MFF
tert-Butylbenzene	ND	1.0	0.090	µg/L	1		SW-846 8260D	1/11/22	1/11/22 20:44	MFF
tert-Butyl Ethyl Ether (TBEE)	ND	0.50	0.11	µg/L	1		SW-846 8260D	1/11/22	1/11/22 20:44	MFF
Carbon Disulfide	ND	5.0	1.5	µg/L	1		SW-846 8260D	1/11/22	1/11/22 20:44	MFF
Carbon Tetrachloride	ND	5.0	0.17	µg/L	1		SW-846 8260D	1/11/22	1/11/22 20:44	MFF
Chlorobenzene	ND	1.0	0.080	µg/L	1		SW-846 8260D	1/11/22	1/11/22 20:44	MFF
Chlorodibromomethane	ND	0.50	0.16	µg/L	1		SW-846 8260D	1/11/22	1/11/22 20:44	MFF
Chloroethane	ND	2.0	0.37	µg/L	1		SW-846 8260D	1/11/22	1/11/22 20:44	MFF
Chloroform	ND	2.0	0.19	µg/L	1		SW-846 8260D	1/11/22	1/11/22 20:44	MFF
Chloromethane	ND	2.0	0.38	µg/L	1		SW-846 8260D	1/11/22	1/11/22 20:44	MFF
2-Chlorotoluene	ND	1.0	0.090	µg/L	1		SW-846 8260D	1/11/22	1/11/22 20:44	MFF
4-Chlorotoluene	ND	1.0	0.10	µg/L	1		SW-846 8260D	1/11/22	1/11/22 20:44	MFF
1,2-Dibromo-3-chloropropane (DBCP)	ND	5.0	0.72	µg/L	1		SW-846 8260D	1/11/22	1/11/22 20:44	MFF
1,2-Dibromoethane (EDB)	ND	0.50	0.15	µg/L	1		SW-846 8260D	1/11/22	1/11/22 20:44	MFF
Dibromomethane	ND	1.0	0.29	µg/L	1		SW-846 8260D	1/11/22	1/11/22 20:44	MFF
1,2-Dichlorobenzene	ND	1.0	0.10	µg/L	1		SW-846 8260D	1/11/22	1/11/22 20:44	MFF
1,3-Dichlorobenzene	ND	1.0	0.090	µg/L	1		SW-846 8260D	1/11/22	1/11/22 20:44	MFF
1,4-Dichlorobenzene	ND	1.0	0.11	µg/L	1		SW-846 8260D	1/11/22	1/11/22 20:44	MFF
trans-1,4-Dichloro-2-butene	ND	2.0	1.8	µg/L	1		SW-846 8260D	1/11/22	1/11/22 20:44	MFF
Dichlorodifluoromethane (Freon 12)	ND	2.0	0.20	µg/L	1		SW-846 8260D	1/11/22	1/11/22 20:44	MFF
1,1-Dichloroethane	ND	1.0	0.16	µg/L	1		SW-846 8260D	1/11/22	1/11/22 20:44	MFF
1,2-Dichloroethane	ND	1.0	0.32	µg/L	1		SW-846 8260D	1/11/22	1/11/22 20:44	MFF
1,1-Dichloroethylene	ND	1.0	0.16	µg/L	1		SW-846 8260D	1/11/22	1/11/22 20:44	MFF
cis-1,2-Dichloroethylene	0.67	1.0	0.15	µg/L	1	J	SW-846 8260D	1/11/22	1/11/22 20:44	MFF
trans-1,2-Dichloroethylene	ND	1.0	0.17	µg/L	1		SW-846 8260D	1/11/22	1/11/22 20:44	MFF
1,2-Dichloropropane	ND	1.0	0.18	µg/L	1		SW-846 8260D	1/11/22	1/11/22 20:44	MFF
1,3-Dichloropropane	ND	0.50	0.12	µg/L	1		SW-846 8260D	1/11/22	1/11/22 20:44	MFF
2,2-Dichloropropane	ND	1.0	0.31	µg/L	1		SW-846 8260D	1/11/22	1/11/22 20:44	MFF
1,1-Dichloropropene	ND	2.0	0.26	µg/L	1		SW-846 8260D	1/11/22	1/11/22 20:44	MFF
cis-1,3-Dichloropropene	ND	0.50	0.12	µg/L	1		SW-846 8260D	1/11/22	1/11/22 20:44	MFF
trans-1,3-Dichloropropene	ND	0.50	0.15	µg/L	1		SW-846 8260D	1/11/22	1/11/22 20:44	MFF
Diethyl Ether	ND	2.0	0.22	µg/L	1		SW-846 8260D	1/11/22	1/11/22 20:44	MFF

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

Project Location: 63 Wst Merrick Rd., Lindenhurst, Sample Description: Work Order: 22A0349

Date Received: 1/10/2022

Field Sample #: MW-104 Sampled: 1/5/2022 13:29

Sample ID: 22A0349-07

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	0.15	µg/L	1		SW-846 8260D	1/11/22	1/11/22 20:44	MFF
1,4-Dioxane	ND	50	22	µg/L	1		SW-846 8260D	1/11/22	1/11/22 20:44	MFF
Ethylbenzene	ND	1.0	0.090	µg/L	1		SW-846 8260D	1/11/22	1/11/22 20:44	MFF
Hexachlorobutadiene	ND	0.60	0.41	µg/L	1		SW-846 8260D	1/11/22	1/11/22 20:44	MFF
2-Hexanone (MBK)	ND	10	1.4	µg/L	1		SW-846 8260D	1/11/22	1/11/22 20:44	MFF
Isopropylbenzene (Cumene)	ND	1.0	0.10	µg/L	1		SW-846 8260D	1/11/22	1/11/22 20:44	MFF
p-Isopropyltoluene (p-Cymene)	ND	1.0	0.090	µg/L	1		SW-846 8260D	1/11/22	1/11/22 20:44	MFF
Methyl Acetate	ND	1.0	0.39	µg/L	1		SW-846 8260D	1/11/22	1/11/22 20:44	MFF
Methyl tert-Butyl Ether (MTBE)	ND	1.0	0.17	µg/L	1		SW-846 8260D	1/11/22	1/11/22 20:44	MFF
Methyl Cyclohexane	ND	1.0	0.33	µg/L	1		SW-846 8260D	1/11/22	1/11/22 20:44	MFF
Methylene Chloride	ND	5.0	0.30	µg/L	1		SW-846 8260D	1/11/22	1/11/22 20:44	MFF
4-Methyl-2-pentanone (MIBK)	ND	10	1.6	µg/L	1		SW-846 8260D	1/11/22	1/11/22 20:44	MFF
Naphthalene	ND	2.0	0.15	µg/L	1	V-05	SW-846 8260D	1/11/22	1/11/22 20:44	MFF
n-Propylbenzene	ND	1.0	0.080	µg/L	1		SW-846 8260D	1/11/22	1/11/22 20:44	MFF
Styrene	ND	1.0	0.080	µg/L	1		SW-846 8260D	1/11/22	1/11/22 20:44	MFF
1,1,1,2-Tetrachloroethane	ND	1.0	0.14	µg/L	1		SW-846 8260D	1/11/22	1/11/22 20:44	MFF
1,1,2,2-Tetrachloroethane	ND	0.50	0.090	µg/L	1		SW-846 8260D	1/11/22	1/11/22 20:44	MFF
Tetrachloroethylene	37	1.0	0.20	µg/L	1		SW-846 8260D	1/11/22	1/11/22 20:44	MFF
Tetrahydrofuran	ND	10	0.58	µg/L	1		SW-846 8260D	1/11/22	1/11/22 20:44	MFF
Toluene	ND	1.0	0.11	µg/L	1		SW-846 8260D	1/11/22	1/11/22 20:44	MFF
1,2,3-Trichlorobenzene	ND	5.0	0.14	µg/L	1	L-04, V-05	SW-846 8260D	1/11/22	1/11/22 20:44	MFF
1,2,4-Trichlorobenzene	ND	1.0	0.16	µg/L	1	V-05	SW-846 8260D	1/11/22	1/11/22 20:44	MFF
1,3,5-Trichlorobenzene	ND	1.0	0.18	µg/L	1		SW-846 8260D	1/11/22	1/11/22 20:44	MFF
1,1,1-Trichloroethane	ND	1.0	0.17	µg/L	1		SW-846 8260D	1/11/22	1/11/22 20:44	MFF
1,1,2-Trichloroethane	ND	1.0	0.15	µg/L	1		SW-846 8260D	1/11/22	1/11/22 20:44	MFF
Trichloroethylene	4.5	1.0	0.18	µg/L	1		SW-846 8260D	1/11/22	1/11/22 20:44	MFF
Trichlorofluoromethane (Freon 11)	ND	2.0	0.19	µg/L	1		SW-846 8260D	1/11/22	1/11/22 20:44	MFF
1,2,3-Trichloropropane	ND	2.0	0.31	µg/L	1		SW-846 8260D	1/11/22	1/11/22 20:44	MFF
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	1.0	0.24	µg/L	1	R-05	SW-846 8260D	1/11/22	1/11/22 20:44	MFF
1,2,4-Trimethylbenzene	ND	1.0	0.10	µg/L	1		SW-846 8260D	1/11/22	1/11/22 20:44	MFF
1,3,5-Trimethylbenzene	ND	1.0	0.10	µg/L	1		SW-846 8260D	1/11/22	1/11/22 20:44	MFF
Vinyl Chloride	ND	2.0	0.20	µg/L	1		SW-846 8260D	1/11/22	1/11/22 20:44	MFF
m+p Xylene	ND	2.0	0.18	µg/L	1		SW-846 8260D	1/11/22	1/11/22 20:44	MFF
o-Xylene	ND	1.0	0.090	µg/L	1		SW-846 8260D	1/11/22	1/11/22 20:44	MFF

Surrogates	% Recovery	Recovery Limits	Flag/Qual	
1,2-Dichloroethane-d4	102	70-130		1/11/22 20:44
Toluene-d8	102	70-130		1/11/22 20:44
4-Bromofluorobenzene	96.5	70-130		1/11/22 20:44

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

Project Location: 63 Wst Merrick Rd., Lindenhurst, Sample Description: Work Order: 22A0349

Date Received: 1/10/2022

Field Sample #: MW-104 Sampled: 1/5/2022 13:29

Sample ID: 22A0349-07

Sample Matrix: Ground Water

Tentatively Identified Compounds - Volatile Compounds (ESTIMATED VALUES REPORTED)

Analyte	Results	Units	Response	RT	DF	CAS #	Q#	Method	Date Prepared	Date/Time Analyzed	Analyst
No TICs Found	0.0	µg/L			1			SW-846 8260D	1/11/22	1/11/22 20:44	MFF

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Project Location: 63 Wst Merrick Rd., Lindenhurst, Sample Description: Work Order: 22A0349

Date Received: 1/10/2022

Field Sample #: MW-105 Sampled: 1/5/2022 12:08

Sample ID: 22A0349-08

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	2.4	µg/L	1		SW-846 8260D	1/11/22	1/11/22 15:55	MFF
Acrylonitrile	ND	5.0	0.69	µg/L	1		SW-846 8260D	1/11/22	1/11/22 15:55	MFF
tert-Amyl Methyl Ether (TAME)	ND	0.50	0.15	µg/L	1		SW-846 8260D	1/11/22	1/11/22 15:55	MFF
Benzene	ND	1.0	0.13	µg/L	1		SW-846 8260D	1/11/22	1/11/22 15:55	MFF
Bromobenzene	ND	1.0	0.13	µg/L	1		SW-846 8260D	1/11/22	1/11/22 15:55	MFF
Bromochloromethane	ND	1.0	0.36	µg/L	1		SW-846 8260D	1/11/22	1/11/22 15:55	MFF
Bromodichloromethane	ND	0.50	0.14	µg/L	1		SW-846 8260D	1/11/22	1/11/22 15:55	MFF
Bromoform	ND	1.0	0.29	µg/L	1		SW-846 8260D	1/11/22	1/11/22 15:55	MFF
Bromomethane	ND	2.0	1.1	µg/L	1		SW-846 8260D	1/11/22	1/11/22 15:55	MFF
2-Butanone (MEK)	ND	20	1.9	µg/L	1		SW-846 8260D	1/11/22	1/11/22 15:55	MFF
tert-Butyl Alcohol (TBA)	ND	20	5.3	µg/L	1		SW-846 8260D	1/11/22	1/11/22 15:55	MFF
n-Butylbenzene	ND	1.0	0.14	µg/L	1		SW-846 8260D	1/11/22	1/11/22 15:55	MFF
sec-Butylbenzene	ND	1.0	0.10	µg/L	1		SW-846 8260D	1/11/22	1/11/22 15:55	MFF
tert-Butylbenzene	ND	1.0	0.090	µg/L	1		SW-846 8260D	1/11/22	1/11/22 15:55	MFF
tert-Butyl Ethyl Ether (TBEE)	ND	0.50	0.11	µg/L	1		SW-846 8260D	1/11/22	1/11/22 15:55	MFF
Carbon Disulfide	ND	5.0	1.5	µg/L	1		SW-846 8260D	1/11/22	1/11/22 15:55	MFF
Carbon Tetrachloride	ND	5.0	0.17	µg/L	1		SW-846 8260D	1/11/22	1/11/22 15:55	MFF
Chlorobenzene	ND	1.0	0.080	µg/L	1		SW-846 8260D	1/11/22	1/11/22 15:55	MFF
Chlorodibromomethane	ND	0.50	0.16	µg/L	1		SW-846 8260D	1/11/22	1/11/22 15:55	MFF
Chloroethane	ND	2.0	0.37	µg/L	1		SW-846 8260D	1/11/22	1/11/22 15:55	MFF
Chloroform	ND	2.0	0.19	µg/L	1		SW-846 8260D	1/11/22	1/11/22 15:55	MFF
Chloromethane	ND	2.0	0.38	µg/L	1		SW-846 8260D	1/11/22	1/11/22 15:55	MFF
2-Chlorotoluene	ND	1.0	0.090	µg/L	1		SW-846 8260D	1/11/22	1/11/22 15:55	MFF
4-Chlorotoluene	ND	1.0	0.10	µg/L	1		SW-846 8260D	1/11/22	1/11/22 15:55	MFF
1,2-Dibromo-3-chloropropane (DBCP)	ND	5.0	0.72	µg/L	1		SW-846 8260D	1/11/22	1/11/22 15:55	MFF
1,2-Dibromoethane (EDB)	ND	0.50	0.15	µg/L	1		SW-846 8260D	1/11/22	1/11/22 15:55	MFF
Dibromomethane	ND	1.0	0.29	µg/L	1		SW-846 8260D	1/11/22	1/11/22 15:55	MFF
1,2-Dichlorobenzene	ND	1.0	0.10	µg/L	1		SW-846 8260D	1/11/22	1/11/22 15:55	MFF
1,3-Dichlorobenzene	ND	1.0	0.090	µg/L	1		SW-846 8260D	1/11/22	1/11/22 15:55	MFF
1,4-Dichlorobenzene	ND	1.0	0.11	µg/L	1		SW-846 8260D	1/11/22	1/11/22 15:55	MFF
trans-1,4-Dichloro-2-butene	ND	2.0	1.8	µg/L	1		SW-846 8260D	1/11/22	1/11/22 15:55	MFF
Dichlorodifluoromethane (Freon 12)	ND	2.0	0.20	µg/L	1		SW-846 8260D	1/11/22	1/11/22 15:55	MFF
1,1-Dichloroethane	ND	1.0	0.16	µg/L	1		SW-846 8260D	1/11/22	1/11/22 15:55	MFF
1,2-Dichloroethane	ND	1.0	0.32	µg/L	1		SW-846 8260D	1/11/22	1/11/22 15:55	MFF
1,1-Dichloroethylene	ND	1.0	0.16	µg/L	1		SW-846 8260D	1/11/22	1/11/22 15:55	MFF
cis-1,2-Dichloroethylene	0.82	1.0	0.15	µg/L	1	J	SW-846 8260D	1/11/22	1/11/22 15:55	MFF
trans-1,2-Dichloroethylene	ND	1.0	0.17	µg/L	1		SW-846 8260D	1/11/22	1/11/22 15:55	MFF
1,2-Dichloropropane	ND	1.0	0.18	µg/L	1		SW-846 8260D	1/11/22	1/11/22 15:55	MFF
1,3-Dichloropropane	ND	0.50	0.12	µg/L	1		SW-846 8260D	1/11/22	1/11/22 15:55	MFF
2,2-Dichloropropane	ND	1.0	0.31	µg/L	1		SW-846 8260D	1/11/22	1/11/22 15:55	MFF
1,1-Dichloropropene	ND	2.0	0.26	µg/L	1		SW-846 8260D	1/11/22	1/11/22 15:55	MFF
cis-1,3-Dichloropropene	ND	0.50	0.12	µg/L	1		SW-846 8260D	1/11/22	1/11/22 15:55	MFF
trans-1,3-Dichloropropene	ND	0.50	0.15	µg/L	1		SW-846 8260D	1/11/22	1/11/22 15:55	MFF
Diethyl Ether	ND	2.0	0.22	µg/L	1		SW-846 8260D	1/11/22	1/11/22 15:55	MFF

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Project Location: 63 Wst Merrick Rd., Lindenhurst, Sample Description: Work Order: 22A0349

Date Received: 1/10/2022

Field Sample #: MW-105 Sampled: 1/5/2022 12:08

Sample ID: 22A0349-08

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	0.15	µg/L	1		SW-846 8260D	1/11/22	1/11/22 15:55	MFF
1,4-Dioxane	ND	50	22	µg/L	1		SW-846 8260D	1/11/22	1/11/22 15:55	MFF
Ethylbenzene	ND	1.0	0.090	µg/L	1		SW-846 8260D	1/11/22	1/11/22 15:55	MFF
Hexachlorobutadiene	ND	0.60	0.41	µg/L	1		SW-846 8260D	1/11/22	1/11/22 15:55	MFF
2-Hexanone (MBK)	ND	10	1.4	µg/L	1		SW-846 8260D	1/11/22	1/11/22 15:55	MFF
Isopropylbenzene (Cumene)	ND	1.0	0.10	µg/L	1		SW-846 8260D	1/11/22	1/11/22 15:55	MFF
p-Isopropyltoluene (p-Cymene)	ND	1.0	0.090	µg/L	1		SW-846 8260D	1/11/22	1/11/22 15:55	MFF
Methyl Acetate	ND	1.0	0.39	µg/L	1		SW-846 8260D	1/11/22	1/11/22 15:55	MFF
Methyl tert-Butyl Ether (MTBE)	ND	1.0	0.17	µg/L	1		SW-846 8260D	1/11/22	1/11/22 15:55	MFF
Methyl Cyclohexane	ND	1.0	0.33	µg/L	1		SW-846 8260D	1/11/22	1/11/22 15:55	MFF
Methylene Chloride	ND	5.0	0.30	µg/L	1		SW-846 8260D	1/11/22	1/11/22 15:55	MFF
4-Methyl-2-pentanone (MIBK)	ND	10	1.6	µg/L	1		SW-846 8260D	1/11/22	1/11/22 15:55	MFF
Naphthalene	ND	2.0	0.15	µg/L	1	V-05	SW-846 8260D	1/11/22	1/11/22 15:55	MFF
n-Propylbenzene	ND	1.0	0.080	µg/L	1		SW-846 8260D	1/11/22	1/11/22 15:55	MFF
Styrene	ND	1.0	0.080	µg/L	1		SW-846 8260D	1/11/22	1/11/22 15:55	MFF
1,1,1,2-Tetrachloroethane	ND	1.0	0.14	µg/L	1		SW-846 8260D	1/11/22	1/11/22 15:55	MFF
1,1,2,2-Tetrachloroethane	ND	0.50	0.090	µg/L	1		SW-846 8260D	1/11/22	1/11/22 15:55	MFF
Tetrachloroethylene	5.5	1.0	0.20	µg/L	1		SW-846 8260D	1/11/22	1/11/22 15:55	MFF
Tetrahydrofuran	ND	10	0.58	µg/L	1		SW-846 8260D	1/11/22	1/11/22 15:55	MFF
Toluene	ND	1.0	0.11	µg/L	1		SW-846 8260D	1/11/22	1/11/22 15:55	MFF
1,2,3-Trichlorobenzene	ND	5.0	0.14	µg/L	1	L-04, V-05	SW-846 8260D	1/11/22	1/11/22 15:55	MFF
1,2,4-Trichlorobenzene	ND	1.0	0.16	µg/L	1	V-05	SW-846 8260D	1/11/22	1/11/22 15:55	MFF
1,3,5-Trichlorobenzene	ND	1.0	0.18	µg/L	1		SW-846 8260D	1/11/22	1/11/22 15:55	MFF
1,1,1-Trichloroethane	ND	1.0	0.17	µg/L	1		SW-846 8260D	1/11/22	1/11/22 15:55	MFF
1,1,2-Trichloroethane	ND	1.0	0.15	µg/L	1		SW-846 8260D	1/11/22	1/11/22 15:55	MFF
Trichloroethylene	0.39	1.0	0.18	µg/L	1	J	SW-846 8260D	1/11/22	1/11/22 15:55	MFF
Trichlorofluoromethane (Freon 11)	ND	2.0	0.19	µg/L	1		SW-846 8260D	1/11/22	1/11/22 15:55	MFF
1,2,3-Trichloropropane	ND	2.0	0.31	µg/L	1		SW-846 8260D	1/11/22	1/11/22 15:55	MFF
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	1.0	0.24	µg/L	1	R-05	SW-846 8260D	1/11/22	1/11/22 15:55	MFF
1,2,4-Trimethylbenzene	ND	1.0	0.10	µg/L	1		SW-846 8260D	1/11/22	1/11/22 15:55	MFF
1,3,5-Trimethylbenzene	ND	1.0	0.10	µg/L	1		SW-846 8260D	1/11/22	1/11/22 15:55	MFF
Vinyl Chloride	ND	2.0	0.20	µg/L	1		SW-846 8260D	1/11/22	1/11/22 15:55	MFF
m+p Xylene	ND	2.0	0.18	µg/L	1		SW-846 8260D	1/11/22	1/11/22 15:55	MFF
o-Xylene	ND	1.0	0.090	µg/L	1		SW-846 8260D	1/11/22	1/11/22 15:55	MFF

Surrogates	% Recovery	Recovery Limits	Flag/Qual	
1,2-Dichloroethane-d4	99.8	70-130		1/11/22 15:55
Toluene-d8	102	70-130		1/11/22 15:55
4-Bromofluorobenzene	96.3	70-130		1/11/22 15:55

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Project Location: 63 Wst Merrick Rd., Lindenhurst, Sample Description: Work Order: 22A0349

Date Received: 1/10/2022

Field Sample #: MW-105 Sampled: 1/5/2022 12:08

Sample ID: 22A0349-08

Sample Matrix: Ground Water

Tentatively Identified Compounds - Volatile Compounds (ESTIMATED VALUES REPORTED)

Analyte	Results	Units	Response	RT	DF	CAS #	Q#	Method	Date Prepared	Date/Time Analyzed	Analyst
No TICs Found	0.0	µg/L			1			SW-846 8260D	1/11/22	1/11/22 15:55	MFF

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Project Location: 63 Wst Merrick Rd., Lindenhurst, Sample Description: Work Order: 22A0349

Date Received: 1/10/2022

Field Sample #: MW-106 Sampled: 1/5/2022 10:26

Sample ID: 22A0349-09

Sample Matrix: Ground Water

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	DL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Acetone	ND	50	2.4	µg/L	1		SW-846 8260D	1/11/22	1/11/22 16:19	MFF
Acrylonitrile	ND	5.0	0.69	µg/L	1		SW-846 8260D	1/11/22	1/11/22 16:19	MFF
tert-Amyl Methyl Ether (TAME)	ND	0.50	0.15	µg/L	1		SW-846 8260D	1/11/22	1/11/22 16:19	MFF
Benzene	ND	1.0	0.13	µg/L	1		SW-846 8260D	1/11/22	1/11/22 16:19	MFF
Bromobenzene	ND	1.0	0.13	µg/L	1		SW-846 8260D	1/11/22	1/11/22 16:19	MFF
Bromochloromethane	ND	1.0	0.36	µg/L	1		SW-846 8260D	1/11/22	1/11/22 16:19	MFF
Bromodichloromethane	ND	0.50	0.14	µg/L	1		SW-846 8260D	1/11/22	1/11/22 16:19	MFF
Bromoform	ND	1.0	0.29	µg/L	1		SW-846 8260D	1/11/22	1/11/22 16:19	MFF
Bromomethane	ND	2.0	1.1	µg/L	1		SW-846 8260D	1/11/22	1/11/22 16:19	MFF
2-Butanone (MEK)	ND	20	1.9	µg/L	1		SW-846 8260D	1/11/22	1/11/22 16:19	MFF
tert-Butyl Alcohol (TBA)	ND	20	5.3	µg/L	1		SW-846 8260D	1/11/22	1/11/22 16:19	MFF
n-Butylbenzene	ND	1.0	0.14	µg/L	1		SW-846 8260D	1/11/22	1/11/22 16:19	MFF
sec-Butylbenzene	ND	1.0	0.10	µg/L	1		SW-846 8260D	1/11/22	1/11/22 16:19	MFF
tert-Butylbenzene	ND	1.0	0.090	µg/L	1		SW-846 8260D	1/11/22	1/11/22 16:19	MFF
tert-Butyl Ethyl Ether (TBEE)	ND	0.50	0.11	µg/L	1		SW-846 8260D	1/11/22	1/11/22 16:19	MFF
Carbon Disulfide	ND	5.0	1.5	µg/L	1		SW-846 8260D	1/11/22	1/11/22 16:19	MFF
Carbon Tetrachloride	ND	5.0	0.17	µg/L	1		SW-846 8260D	1/11/22	1/11/22 16:19	MFF
Chlorobenzene	ND	1.0	0.080	µg/L	1		SW-846 8260D	1/11/22	1/11/22 16:19	MFF
Chlorodibromomethane	ND	0.50	0.16	µg/L	1		SW-846 8260D	1/11/22	1/11/22 16:19	MFF
Chloroethane	ND	2.0	0.37	µg/L	1		SW-846 8260D	1/11/22	1/11/22 16:19	MFF
Chloroform	ND	2.0	0.19	µg/L	1		SW-846 8260D	1/11/22	1/11/22 16:19	MFF
Chloromethane	ND	2.0	0.38	µg/L	1		SW-846 8260D	1/11/22	1/11/22 16:19	MFF
2-Chlorotoluene	ND	1.0	0.090	µg/L	1		SW-846 8260D	1/11/22	1/11/22 16:19	MFF
4-Chlorotoluene	ND	1.0	0.10	µg/L	1		SW-846 8260D	1/11/22	1/11/22 16:19	MFF
1,2-Dibromo-3-chloropropane (DBCP)	ND	5.0	0.72	µg/L	1		SW-846 8260D	1/11/22	1/11/22 16:19	MFF
1,2-Dibromoethane (EDB)	ND	0.50	0.15	µg/L	1		SW-846 8260D	1/11/22	1/11/22 16:19	MFF
Dibromomethane	ND	1.0	0.29	µg/L	1		SW-846 8260D	1/11/22	1/11/22 16:19	MFF
1,2-Dichlorobenzene	ND	1.0	0.10	µg/L	1		SW-846 8260D	1/11/22	1/11/22 16:19	MFF
1,3-Dichlorobenzene	ND	1.0	0.090	µg/L	1		SW-846 8260D	1/11/22	1/11/22 16:19	MFF
1,4-Dichlorobenzene	ND	1.0	0.11	µg/L	1		SW-846 8260D	1/11/22	1/11/22 16:19	MFF
trans-1,4-Dichloro-2-butene	ND	2.0	1.8	µg/L	1		SW-846 8260D	1/11/22	1/11/22 16:19	MFF
Dichlorodifluoromethane (Freon 12)	ND	2.0	0.20	µg/L	1		SW-846 8260D	1/11/22	1/11/22 16:19	MFF
1,1-Dichloroethane	ND	1.0	0.16	µg/L	1		SW-846 8260D	1/11/22	1/11/22 16:19	MFF
1,2-Dichloroethane	ND	1.0	0.32	µg/L	1		SW-846 8260D	1/11/22	1/11/22 16:19	MFF
1,1-Dichloroethylene	ND	1.0	0.16	µg/L	1		SW-846 8260D	1/11/22	1/11/22 16:19	MFF
cis-1,2-Dichloroethylene	10	1.0	0.15	µg/L	1		SW-846 8260D	1/11/22	1/11/22 16:19	MFF
trans-1,2-Dichloroethylene	ND	1.0	0.17	µg/L	1		SW-846 8260D	1/11/22	1/11/22 16:19	MFF
1,2-Dichloropropane	ND	1.0	0.18	µg/L	1		SW-846 8260D	1/11/22	1/11/22 16:19	MFF
1,3-Dichloropropane	ND	0.50	0.12	µg/L	1		SW-846 8260D	1/11/22	1/11/22 16:19	MFF
2,2-Dichloropropane	ND	1.0	0.31	µg/L	1		SW-846 8260D	1/11/22	1/11/22 16:19	MFF
1,1-Dichloropropene	ND	2.0	0.26	µg/L	1		SW-846 8260D	1/11/22	1/11/22 16:19	MFF
cis-1,3-Dichloropropene	ND	0.50	0.12	µg/L	1		SW-846 8260D	1/11/22	1/11/22 16:19	MFF
trans-1,3-Dichloropropene	ND	0.50	0.15	µg/L	1		SW-846 8260D	1/11/22	1/11/22 16:19	MFF
Diethyl Ether	ND	2.0	0.22	µg/L	1		SW-846 8260D	1/11/22	1/11/22 16:19	MFF

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Project Location: 63 Wst Merrick Rd., Lindenhurst, Sample Description: Work Order: 22A0349

Date Received: 1/10/2022

Field Sample #: MW-106 Sampled: 1/5/2022 10:26

Sample ID: 22A0349-09

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	0.15	µg/L	1		SW-846 8260D	1/11/22	1/11/22 16:19	MFF
1,4-Dioxane	ND	50	22	µg/L	1		SW-846 8260D	1/11/22	1/11/22 16:19	MFF
Ethylbenzene	ND	1.0	0.090	µg/L	1		SW-846 8260D	1/11/22	1/11/22 16:19	MFF
Hexachlorobutadiene	ND	0.60	0.41	µg/L	1		SW-846 8260D	1/11/22	1/11/22 16:19	MFF
2-Hexanone (MBK)	ND	10	1.4	µg/L	1		SW-846 8260D	1/11/22	1/11/22 16:19	MFF
Isopropylbenzene (Cumene)	ND	1.0	0.10	µg/L	1		SW-846 8260D	1/11/22	1/11/22 16:19	MFF
p-Isopropyltoluene (p-Cymene)	ND	1.0	0.090	µg/L	1		SW-846 8260D	1/11/22	1/11/22 16:19	MFF
Methyl Acetate	ND	1.0	0.39	µg/L	1		SW-846 8260D	1/11/22	1/11/22 16:19	MFF
Methyl tert-Butyl Ether (MTBE)	ND	1.0	0.17	µg/L	1		SW-846 8260D	1/11/22	1/11/22 16:19	MFF
Methyl Cyclohexane	ND	1.0	0.33	µg/L	1		SW-846 8260D	1/11/22	1/11/22 16:19	MFF
Methylene Chloride	ND	5.0	0.30	µg/L	1		SW-846 8260D	1/11/22	1/11/22 16:19	MFF
4-Methyl-2-pentanone (MIBK)	ND	10	1.6	µg/L	1		SW-846 8260D	1/11/22	1/11/22 16:19	MFF
Naphthalene	ND	2.0	0.15	µg/L	1	V-05	SW-846 8260D	1/11/22	1/11/22 16:19	MFF
n-Propylbenzene	ND	1.0	0.080	µg/L	1		SW-846 8260D	1/11/22	1/11/22 16:19	MFF
Styrene	ND	1.0	0.080	µg/L	1		SW-846 8260D	1/11/22	1/11/22 16:19	MFF
1,1,1,2-Tetrachloroethane	ND	1.0	0.14	µg/L	1		SW-846 8260D	1/11/22	1/11/22 16:19	MFF
1,1,2,2-Tetrachloroethane	ND	0.50	0.090	µg/L	1		SW-846 8260D	1/11/22	1/11/22 16:19	MFF
Tetrachloroethylene	6.4	1.0	0.20	µg/L	1		SW-846 8260D	1/11/22	1/11/22 16:19	MFF
Tetrahydrofuran	ND	10	0.58	µg/L	1		SW-846 8260D	1/11/22	1/11/22 16:19	MFF
Toluene	ND	1.0	0.11	µg/L	1		SW-846 8260D	1/11/22	1/11/22 16:19	MFF
1,2,3-Trichlorobenzene	ND	5.0	0.14	µg/L	1	L-04, V-05	SW-846 8260D	1/11/22	1/11/22 16:19	MFF
1,2,4-Trichlorobenzene	ND	1.0	0.16	µg/L	1	V-05	SW-846 8260D	1/11/22	1/11/22 16:19	MFF
1,3,5-Trichlorobenzene	ND	1.0	0.18	µg/L	1		SW-846 8260D	1/11/22	1/11/22 16:19	MFF
1,1,1-Trichloroethane	ND	1.0	0.17	µg/L	1		SW-846 8260D	1/11/22	1/11/22 16:19	MFF
1,1,2-Trichloroethane	ND	1.0	0.15	µg/L	1		SW-846 8260D	1/11/22	1/11/22 16:19	MFF
Trichloroethylene	2.6	1.0	0.18	µg/L	1		SW-846 8260D	1/11/22	1/11/22 16:19	MFF
Trichlorofluoromethane (Freon 11)	ND	2.0	0.19	µg/L	1		SW-846 8260D	1/11/22	1/11/22 16:19	MFF
1,2,3-Trichloropropane	ND	2.0	0.31	µg/L	1		SW-846 8260D	1/11/22	1/11/22 16:19	MFF
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	1.0	0.24	µg/L	1	R-05	SW-846 8260D	1/11/22	1/11/22 16:19	MFF
1,2,4-Trimethylbenzene	ND	1.0	0.10	µg/L	1		SW-846 8260D	1/11/22	1/11/22 16:19	MFF
1,3,5-Trimethylbenzene	ND	1.0	0.10	µg/L	1		SW-846 8260D	1/11/22	1/11/22 16:19	MFF
Vinyl Chloride	0.26	2.0	0.20	µg/L	1	J	SW-846 8260D	1/11/22	1/11/22 16:19	MFF
m+p Xylene	ND	2.0	0.18	µg/L	1		SW-846 8260D	1/11/22	1/11/22 16:19	MFF
o-Xylene	ND	1.0	0.090	µg/L	1		SW-846 8260D	1/11/22	1/11/22 16:19	MFF

Surrogates	% Recovery	Recovery Limits	Flag/Qual	
1,2-Dichloroethane-d4	100	70-130		1/11/22 16:19
Toluene-d8	102	70-130		1/11/22 16:19
4-Bromofluorobenzene	95.1	70-130		1/11/22 16:19

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Project Location: 63 Wst Merrick Rd., Lindenhurst, Sample Description: Work Order: 22A0349

Date Received: 1/10/2022

Field Sample #: MW-106 Sampled: 1/5/2022 10:26

Sample ID: 22A0349-09

Sample Matrix: Ground Water

Tentatively Identified Compounds - Volatile Compounds (ESTIMATED VALUES REPORTED)

Analyte	Results	Units	Response	RT	DF	CAS #	Q#	Method	Date Prepared	Date/Time Analyzed	Analyst
No TICs Found	0.0	µg/L			1			SW-846 8260D	1/11/22	1/11/22 16:19	MFF

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Project Location: 63 Wst Merrick Rd., Lindenhurst, Sample Description: Work Order: 22A0349

Date Received: 1/10/2022

Field Sample #: MW-107 Sampled: 1/5/2022 11:23

Sample ID: 22A0349-10

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	ND	50	2.4	µg/L	1		SW-846 8260D	1/11/22	1/11/22 16:43	MFF
Acrylonitrile	ND	5.0	0.69	µg/L	1		SW-846 8260D	1/11/22	1/11/22 16:43	MFF
tert-Amyl Methyl Ether (TAME)	ND	0.50	0.15	µg/L	1		SW-846 8260D	1/11/22	1/11/22 16:43	MFF
Benzene	ND	1.0	0.13	µg/L	1		SW-846 8260D	1/11/22	1/11/22 16:43	MFF
Bromobenzene	ND	1.0	0.13	µg/L	1		SW-846 8260D	1/11/22	1/11/22 16:43	MFF
Bromochloromethane	ND	1.0	0.36	µg/L	1		SW-846 8260D	1/11/22	1/11/22 16:43	MFF
Bromodichloromethane	ND	0.50	0.14	µg/L	1		SW-846 8260D	1/11/22	1/11/22 16:43	MFF
Bromoform	ND	1.0	0.29	µg/L	1		SW-846 8260D	1/11/22	1/11/22 16:43	MFF
Bromomethane	ND	2.0	1.1	µg/L	1		SW-846 8260D	1/11/22	1/11/22 16:43	MFF
2-Butanone (MEK)	ND	20	1.9	µg/L	1		SW-846 8260D	1/11/22	1/11/22 16:43	MFF
tert-Butyl Alcohol (TBA)	ND	20	5.3	µg/L	1		SW-846 8260D	1/11/22	1/11/22 16:43	MFF
n-Butylbenzene	ND	1.0	0.14	µg/L	1		SW-846 8260D	1/11/22	1/11/22 16:43	MFF
sec-Butylbenzene	ND	1.0	0.10	µg/L	1		SW-846 8260D	1/11/22	1/11/22 16:43	MFF
tert-Butylbenzene	ND	1.0	0.090	µg/L	1		SW-846 8260D	1/11/22	1/11/22 16:43	MFF
tert-Butyl Ethyl Ether (TBEE)	ND	0.50	0.11	µg/L	1		SW-846 8260D	1/11/22	1/11/22 16:43	MFF
Carbon Disulfide	ND	5.0	1.5	µg/L	1		SW-846 8260D	1/11/22	1/11/22 16:43	MFF
Carbon Tetrachloride	ND	5.0	0.17	µg/L	1		SW-846 8260D	1/11/22	1/11/22 16:43	MFF
Chlorobenzene	ND	1.0	0.080	µg/L	1		SW-846 8260D	1/11/22	1/11/22 16:43	MFF
Chlorodibromomethane	ND	0.50	0.16	µg/L	1		SW-846 8260D	1/11/22	1/11/22 16:43	MFF
Chloroethane	ND	2.0	0.37	µg/L	1		SW-846 8260D	1/11/22	1/11/22 16:43	MFF
Chloroform	ND	2.0	0.19	µg/L	1		SW-846 8260D	1/11/22	1/11/22 16:43	MFF
Chloromethane	ND	2.0	0.38	µg/L	1		SW-846 8260D	1/11/22	1/11/22 16:43	MFF
2-Chlorotoluene	ND	1.0	0.090	µg/L	1		SW-846 8260D	1/11/22	1/11/22 16:43	MFF
4-Chlorotoluene	ND	1.0	0.10	µg/L	1		SW-846 8260D	1/11/22	1/11/22 16:43	MFF
1,2-Dibromo-3-chloropropane (DBCP)	ND	5.0	0.72	µg/L	1		SW-846 8260D	1/11/22	1/11/22 16:43	MFF
1,2-Dibromoethane (EDB)	ND	0.50	0.15	µg/L	1		SW-846 8260D	1/11/22	1/11/22 16:43	MFF
Dibromomethane	ND	1.0	0.29	µg/L	1		SW-846 8260D	1/11/22	1/11/22 16:43	MFF
1,2-Dichlorobenzene	ND	1.0	0.10	µg/L	1		SW-846 8260D	1/11/22	1/11/22 16:43	MFF
1,3-Dichlorobenzene	ND	1.0	0.090	µg/L	1		SW-846 8260D	1/11/22	1/11/22 16:43	MFF
1,4-Dichlorobenzene	ND	1.0	0.11	µg/L	1		SW-846 8260D	1/11/22	1/11/22 16:43	MFF
trans-1,4-Dichloro-2-butene	ND	2.0	1.8	µg/L	1		SW-846 8260D	1/11/22	1/11/22 16:43	MFF
Dichlorodifluoromethane (Freon 12)	ND	2.0	0.20	µg/L	1		SW-846 8260D	1/11/22	1/11/22 16:43	MFF
1,1-Dichloroethane	ND	1.0	0.16	µg/L	1		SW-846 8260D	1/11/22	1/11/22 16:43	MFF
1,2-Dichloroethane	ND	1.0	0.32	µg/L	1		SW-846 8260D	1/11/22	1/11/22 16:43	MFF
1,1-Dichloroethylene	ND	1.0	0.16	µg/L	1		SW-846 8260D	1/11/22	1/11/22 16:43	MFF
cis-1,2-Dichloroethylene	ND	1.0	0.15	µg/L	1		SW-846 8260D	1/11/22	1/11/22 16:43	MFF
trans-1,2-Dichloroethylene	ND	1.0	0.17	µg/L	1		SW-846 8260D	1/11/22	1/11/22 16:43	MFF
1,2-Dichloropropane	ND	1.0	0.18	µg/L	1		SW-846 8260D	1/11/22	1/11/22 16:43	MFF
1,3-Dichloropropane	ND	0.50	0.12	µg/L	1		SW-846 8260D	1/11/22	1/11/22 16:43	MFF
2,2-Dichloropropane	ND	1.0	0.31	µg/L	1		SW-846 8260D	1/11/22	1/11/22 16:43	MFF
1,1-Dichloropropene	ND	2.0	0.26	µg/L	1		SW-846 8260D	1/11/22	1/11/22 16:43	MFF
cis-1,3-Dichloropropene	ND	0.50	0.12	µg/L	1		SW-846 8260D	1/11/22	1/11/22 16:43	MFF
trans-1,3-Dichloropropene	ND	0.50	0.15	µg/L	1		SW-846 8260D	1/11/22	1/11/22 16:43	MFF
Diethyl Ether	ND	2.0	0.22	µg/L	1		SW-846 8260D	1/11/22	1/11/22 16:43	MFF

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

Project Location: 63 Wst Merrick Rd., Lindenhurst, Sample Description: Work Order: 22A0349

Date Received: 1/10/2022

Field Sample #: MW-107 Sampled: 1/5/2022 11:23

Sample ID: 22A0349-10

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	0.15	µg/L	1		SW-846 8260D	1/11/22	1/11/22 16:43	MFF
1,4-Dioxane	ND	50	22	µg/L	1		SW-846 8260D	1/11/22	1/11/22 16:43	MFF
Ethylbenzene	ND	1.0	0.090	µg/L	1		SW-846 8260D	1/11/22	1/11/22 16:43	MFF
Hexachlorobutadiene	ND	0.60	0.41	µg/L	1		SW-846 8260D	1/11/22	1/11/22 16:43	MFF
2-Hexanone (MBK)	ND	10	1.4	µg/L	1		SW-846 8260D	1/11/22	1/11/22 16:43	MFF
Isopropylbenzene (Cumene)	ND	1.0	0.10	µg/L	1		SW-846 8260D	1/11/22	1/11/22 16:43	MFF
p-Isopropyltoluene (p-Cymene)	ND	1.0	0.090	µg/L	1		SW-846 8260D	1/11/22	1/11/22 16:43	MFF
Methyl Acetate	ND	1.0	0.39	µg/L	1		SW-846 8260D	1/11/22	1/11/22 16:43	MFF
Methyl tert-Butyl Ether (MTBE)	ND	1.0	0.17	µg/L	1		SW-846 8260D	1/11/22	1/11/22 16:43	MFF
Methyl Cyclohexane	ND	1.0	0.33	µg/L	1		SW-846 8260D	1/11/22	1/11/22 16:43	MFF
Methylene Chloride	ND	5.0	0.30	µg/L	1		SW-846 8260D	1/11/22	1/11/22 16:43	MFF
4-Methyl-2-pentanone (MIBK)	ND	10	1.6	µg/L	1		SW-846 8260D	1/11/22	1/11/22 16:43	MFF
Naphthalene	ND	2.0	0.15	µg/L	1	V-05	SW-846 8260D	1/11/22	1/11/22 16:43	MFF
n-Propylbenzene	ND	1.0	0.080	µg/L	1		SW-846 8260D	1/11/22	1/11/22 16:43	MFF
Styrene	ND	1.0	0.080	µg/L	1		SW-846 8260D	1/11/22	1/11/22 16:43	MFF
1,1,1,2-Tetrachloroethane	ND	1.0	0.14	µg/L	1		SW-846 8260D	1/11/22	1/11/22 16:43	MFF
1,1,2,2-Tetrachloroethane	ND	0.50	0.090	µg/L	1		SW-846 8260D	1/11/22	1/11/22 16:43	MFF
Tetrachloroethylene	3.1	1.0	0.20	µg/L	1		SW-846 8260D	1/11/22	1/11/22 16:43	MFF
Tetrahydrofuran	ND	10	0.58	µg/L	1		SW-846 8260D	1/11/22	1/11/22 16:43	MFF
Toluene	ND	1.0	0.11	µg/L	1		SW-846 8260D	1/11/22	1/11/22 16:43	MFF
1,2,3-Trichlorobenzene	ND	5.0	0.14	µg/L	1	L-04, V-05	SW-846 8260D	1/11/22	1/11/22 16:43	MFF
1,2,4-Trichlorobenzene	ND	1.0	0.16	µg/L	1	V-05	SW-846 8260D	1/11/22	1/11/22 16:43	MFF
1,3,5-Trichlorobenzene	ND	1.0	0.18	µg/L	1		SW-846 8260D	1/11/22	1/11/22 16:43	MFF
1,1,1-Trichloroethane	ND	1.0	0.17	µg/L	1		SW-846 8260D	1/11/22	1/11/22 16:43	MFF
1,1,2-Trichloroethane	ND	1.0	0.15	µg/L	1		SW-846 8260D	1/11/22	1/11/22 16:43	MFF
Trichloroethylene	0.26	1.0	0.18	µg/L	1	J	SW-846 8260D	1/11/22	1/11/22 16:43	MFF
Trichlorofluoromethane (Freon 11)	ND	2.0	0.19	µg/L	1		SW-846 8260D	1/11/22	1/11/22 16:43	MFF
1,2,3-Trichloropropane	ND	2.0	0.31	µg/L	1		SW-846 8260D	1/11/22	1/11/22 16:43	MFF
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	1.0	0.24	µg/L	1	R-05	SW-846 8260D	1/11/22	1/11/22 16:43	MFF
1,2,4-Trimethylbenzene	ND	1.0	0.10	µg/L	1		SW-846 8260D	1/11/22	1/11/22 16:43	MFF
1,3,5-Trimethylbenzene	ND	1.0	0.10	µg/L	1		SW-846 8260D	1/11/22	1/11/22 16:43	MFF
Vinyl Chloride	ND	2.0	0.20	µg/L	1		SW-846 8260D	1/11/22	1/11/22 16:43	MFF
m+p Xylene	ND	2.0	0.18	µg/L	1		SW-846 8260D	1/11/22	1/11/22 16:43	MFF
o-Xylene	ND	1.0	0.090	µg/L	1		SW-846 8260D	1/11/22	1/11/22 16:43	MFF

Surrogates	% Recovery	Recovery Limits	Flag/Qual	
1,2-Dichloroethane-d4	98.4	70-130		1/11/22 16:43
Toluene-d8	102	70-130		1/11/22 16:43
4-Bromofluorobenzene	94.5	70-130		1/11/22 16:43

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

Project Location: 63 Wst Merrick Rd., Lindenhurst, Sample Description: Work Order: 22A0349

Date Received: 1/10/2022

Field Sample #: MW-107 Sampled: 1/5/2022 11:23

Sample ID: 22A0349-10

Sample Matrix: Ground Water

Tentatively Identified Compounds - Volatile Compounds (ESTIMATED VALUES REPORTED)

Analyte	Results	Units	Response	RT	DF	CAS #	Q#	Method	Date Prepared	Date/Time Analyzed	Analyst
No TICs Found	0.0	µg/L			1			SW-846 8260D	1/11/22	1/11/22 16:43	MFF

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Project Location: 63 Wst Merrick Rd., Lindenhurst, Sample Description: Work Order: 22A0349

Date Received: 1/10/2022

Field Sample #: MW-108 Sampled: 1/5/2022 12:04

Sample ID: 22A0349-11

Sample Matrix: Ground Water

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	DL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Acetone	ND	50	2.4	µg/L	1		SW-846 8260D	1/11/22	1/11/22 17:07	MFF
Acrylonitrile	ND	5.0	0.69	µg/L	1		SW-846 8260D	1/11/22	1/11/22 17:07	MFF
tert-Amyl Methyl Ether (TAME)	ND	0.50	0.15	µg/L	1		SW-846 8260D	1/11/22	1/11/22 17:07	MFF
Benzene	ND	1.0	0.13	µg/L	1		SW-846 8260D	1/11/22	1/11/22 17:07	MFF
Bromobenzene	ND	1.0	0.13	µg/L	1		SW-846 8260D	1/11/22	1/11/22 17:07	MFF
Bromochloromethane	ND	1.0	0.36	µg/L	1		SW-846 8260D	1/11/22	1/11/22 17:07	MFF
Bromodichloromethane	ND	0.50	0.14	µg/L	1		SW-846 8260D	1/11/22	1/11/22 17:07	MFF
Bromoform	ND	1.0	0.29	µg/L	1		SW-846 8260D	1/11/22	1/11/22 17:07	MFF
Bromomethane	ND	2.0	1.1	µg/L	1		SW-846 8260D	1/11/22	1/11/22 17:07	MFF
2-Butanone (MEK)	ND	20	1.9	µg/L	1		SW-846 8260D	1/11/22	1/11/22 17:07	MFF
tert-Butyl Alcohol (TBA)	ND	20	5.3	µg/L	1		SW-846 8260D	1/11/22	1/11/22 17:07	MFF
n-Butylbenzene	ND	1.0	0.14	µg/L	1		SW-846 8260D	1/11/22	1/11/22 17:07	MFF
sec-Butylbenzene	ND	1.0	0.10	µg/L	1		SW-846 8260D	1/11/22	1/11/22 17:07	MFF
tert-Butylbenzene	ND	1.0	0.090	µg/L	1		SW-846 8260D	1/11/22	1/11/22 17:07	MFF
tert-Butyl Ethyl Ether (TBEE)	ND	0.50	0.11	µg/L	1		SW-846 8260D	1/11/22	1/11/22 17:07	MFF
Carbon Disulfide	ND	5.0	1.5	µg/L	1		SW-846 8260D	1/11/22	1/11/22 17:07	MFF
Carbon Tetrachloride	ND	5.0	0.17	µg/L	1		SW-846 8260D	1/11/22	1/11/22 17:07	MFF
Chlorobenzene	ND	1.0	0.080	µg/L	1		SW-846 8260D	1/11/22	1/11/22 17:07	MFF
Chlorodibromomethane	ND	0.50	0.16	µg/L	1		SW-846 8260D	1/11/22	1/11/22 17:07	MFF
Chloroethane	ND	2.0	0.37	µg/L	1		SW-846 8260D	1/11/22	1/11/22 17:07	MFF
Chloroform	ND	2.0	0.19	µg/L	1		SW-846 8260D	1/11/22	1/11/22 17:07	MFF
Chloromethane	ND	2.0	0.38	µg/L	1		SW-846 8260D	1/11/22	1/11/22 17:07	MFF
2-Chlorotoluene	ND	1.0	0.090	µg/L	1		SW-846 8260D	1/11/22	1/11/22 17:07	MFF
4-Chlorotoluene	ND	1.0	0.10	µg/L	1		SW-846 8260D	1/11/22	1/11/22 17:07	MFF
1,2-Dibromo-3-chloropropane (DBCP)	ND	5.0	0.72	µg/L	1		SW-846 8260D	1/11/22	1/11/22 17:07	MFF
1,2-Dibromoethane (EDB)	ND	0.50	0.15	µg/L	1		SW-846 8260D	1/11/22	1/11/22 17:07	MFF
Dibromomethane	ND	1.0	0.29	µg/L	1		SW-846 8260D	1/11/22	1/11/22 17:07	MFF
1,2-Dichlorobenzene	ND	1.0	0.10	µg/L	1		SW-846 8260D	1/11/22	1/11/22 17:07	MFF
1,3-Dichlorobenzene	ND	1.0	0.090	µg/L	1		SW-846 8260D	1/11/22	1/11/22 17:07	MFF
1,4-Dichlorobenzene	ND	1.0	0.11	µg/L	1		SW-846 8260D	1/11/22	1/11/22 17:07	MFF
trans-1,4-Dichloro-2-butene	ND	2.0	1.8	µg/L	1		SW-846 8260D	1/11/22	1/11/22 17:07	MFF
Dichlorodifluoromethane (Freon 12)	ND	2.0	0.20	µg/L	1		SW-846 8260D	1/11/22	1/11/22 17:07	MFF
1,1-Dichloroethane	ND	1.0	0.16	µg/L	1		SW-846 8260D	1/11/22	1/11/22 17:07	MFF
1,2-Dichloroethane	ND	1.0	0.32	µg/L	1		SW-846 8260D	1/11/22	1/11/22 17:07	MFF
1,1-Dichloroethylene	ND	1.0	0.16	µg/L	1		SW-846 8260D	1/11/22	1/11/22 17:07	MFF
cis-1,2-Dichloroethylene	0.40	1.0	0.15	µg/L	1	J	SW-846 8260D	1/11/22	1/11/22 17:07	MFF
trans-1,2-Dichloroethylene	ND	1.0	0.17	µg/L	1		SW-846 8260D	1/11/22	1/11/22 17:07	MFF
1,2-Dichloropropane	ND	1.0	0.18	µg/L	1		SW-846 8260D	1/11/22	1/11/22 17:07	MFF
1,3-Dichloropropane	ND	0.50	0.12	µg/L	1		SW-846 8260D	1/11/22	1/11/22 17:07	MFF
2,2-Dichloropropane	ND	1.0	0.31	µg/L	1		SW-846 8260D	1/11/22	1/11/22 17:07	MFF
1,1-Dichloropropene	ND	2.0	0.26	µg/L	1		SW-846 8260D	1/11/22	1/11/22 17:07	MFF
cis-1,3-Dichloropropene	ND	0.50	0.12	µg/L	1		SW-846 8260D	1/11/22	1/11/22 17:07	MFF
trans-1,3-Dichloropropene	ND	0.50	0.15	µg/L	1		SW-846 8260D	1/11/22	1/11/22 17:07	MFF
Diethyl Ether	ND	2.0	0.22	µg/L	1		SW-846 8260D	1/11/22	1/11/22 17:07	MFF

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Project Location: 63 Wst Merrick Rd., Lindenhurst, Sample Description: Work Order: 22A0349

Date Received: 1/10/2022

Field Sample #: MW-108 Sampled: 1/5/2022 12:04

Sample ID: 22A0349-11

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	0.15	µg/L	1		SW-846 8260D	1/11/22	1/11/22 17:07	MFF
1,4-Dioxane	ND	50	22	µg/L	1		SW-846 8260D	1/11/22	1/11/22 17:07	MFF
Ethylbenzene	ND	1.0	0.090	µg/L	1		SW-846 8260D	1/11/22	1/11/22 17:07	MFF
Hexachlorobutadiene	ND	0.60	0.41	µg/L	1		SW-846 8260D	1/11/22	1/11/22 17:07	MFF
2-Hexanone (MBK)	ND	10	1.4	µg/L	1		SW-846 8260D	1/11/22	1/11/22 17:07	MFF
Isopropylbenzene (Cumene)	ND	1.0	0.10	µg/L	1		SW-846 8260D	1/11/22	1/11/22 17:07	MFF
p-Isopropyltoluene (p-Cymene)	ND	1.0	0.090	µg/L	1		SW-846 8260D	1/11/22	1/11/22 17:07	MFF
Methyl Acetate	ND	1.0	0.39	µg/L	1		SW-846 8260D	1/11/22	1/11/22 17:07	MFF
Methyl tert-Butyl Ether (MTBE)	ND	1.0	0.17	µg/L	1		SW-846 8260D	1/11/22	1/11/22 17:07	MFF
Methyl Cyclohexane	ND	1.0	0.33	µg/L	1		SW-846 8260D	1/11/22	1/11/22 17:07	MFF
Methylene Chloride	ND	5.0	0.30	µg/L	1		SW-846 8260D	1/11/22	1/11/22 17:07	MFF
4-Methyl-2-pentanone (MIBK)	ND	10	1.6	µg/L	1		SW-846 8260D	1/11/22	1/11/22 17:07	MFF
Naphthalene	ND	2.0	0.15	µg/L	1	V-05	SW-846 8260D	1/11/22	1/11/22 17:07	MFF
n-Propylbenzene	ND	1.0	0.080	µg/L	1		SW-846 8260D	1/11/22	1/11/22 17:07	MFF
Styrene	ND	1.0	0.080	µg/L	1		SW-846 8260D	1/11/22	1/11/22 17:07	MFF
1,1,1,2-Tetrachloroethane	ND	1.0	0.14	µg/L	1		SW-846 8260D	1/11/22	1/11/22 17:07	MFF
1,1,2,2-Tetrachloroethane	ND	0.50	0.090	µg/L	1		SW-846 8260D	1/11/22	1/11/22 17:07	MFF
Tetrachloroethylene	3.6	1.0	0.20	µg/L	1		SW-846 8260D	1/11/22	1/11/22 17:07	MFF
Tetrahydrofuran	ND	10	0.58	µg/L	1		SW-846 8260D	1/11/22	1/11/22 17:07	MFF
Toluene	ND	1.0	0.11	µg/L	1		SW-846 8260D	1/11/22	1/11/22 17:07	MFF
1,2,3-Trichlorobenzene	ND	5.0	0.14	µg/L	1	L-04, V-05	SW-846 8260D	1/11/22	1/11/22 17:07	MFF
1,2,4-Trichlorobenzene	ND	1.0	0.16	µg/L	1	V-05	SW-846 8260D	1/11/22	1/11/22 17:07	MFF
1,3,5-Trichlorobenzene	ND	1.0	0.18	µg/L	1		SW-846 8260D	1/11/22	1/11/22 17:07	MFF
1,1,1-Trichloroethane	ND	1.0	0.17	µg/L	1		SW-846 8260D	1/11/22	1/11/22 17:07	MFF
1,1,2-Trichloroethane	ND	1.0	0.15	µg/L	1		SW-846 8260D	1/11/22	1/11/22 17:07	MFF
Trichloroethylene	0.31	1.0	0.18	µg/L	1	J	SW-846 8260D	1/11/22	1/11/22 17:07	MFF
Trichlorofluoromethane (Freon 11)	ND	2.0	0.19	µg/L	1		SW-846 8260D	1/11/22	1/11/22 17:07	MFF
1,2,3-Trichloropropane	ND	2.0	0.31	µg/L	1		SW-846 8260D	1/11/22	1/11/22 17:07	MFF
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	1.0	0.24	µg/L	1	R-05	SW-846 8260D	1/11/22	1/11/22 17:07	MFF
1,2,4-Trimethylbenzene	ND	1.0	0.10	µg/L	1		SW-846 8260D	1/11/22	1/11/22 17:07	MFF
1,3,5-Trimethylbenzene	ND	1.0	0.10	µg/L	1		SW-846 8260D	1/11/22	1/11/22 17:07	MFF
Vinyl Chloride	ND	2.0	0.20	µg/L	1		SW-846 8260D	1/11/22	1/11/22 17:07	MFF
m+p Xylene	ND	2.0	0.18	µg/L	1		SW-846 8260D	1/11/22	1/11/22 17:07	MFF
o-Xylene	ND	1.0	0.090	µg/L	1		SW-846 8260D	1/11/22	1/11/22 17:07	MFF

Surrogates	% Recovery	Recovery Limits	Flag/Qual	
1,2-Dichloroethane-d4	99.4	70-130		1/11/22 17:07
Toluene-d8	105	70-130		1/11/22 17:07
4-Bromofluorobenzene	94.5	70-130		1/11/22 17:07

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

Project Location: 63 Wst Merrick Rd., Lindenhurst, Sample Description: Work Order: 22A0349

Date Received: 1/10/2022

Field Sample #: MW-108 Sampled: 1/5/2022 12:04

Sample ID: 22A0349-11

Sample Matrix: Ground Water

Tentatively Identified Compounds - Volatile Compounds (ESTIMATED VALUES REPORTED)

Analyte	Results	Units	Response	RT	DF	CAS #	Q#	Method	Date Prepared	Date/Time Analyzed	Analyst
No TICs Found	0.0	µg/L			1			SW-846 8260D	1/11/22	1/11/22 17:07	MFF

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Project Location: 63 Wst Merrick Rd., Lindenhurst, Sample Description: Work Order: 22A0349

Date Received: 1/10/2022

Field Sample #: MW-109 Sampled: 1/6/2022 10:45

Sample ID: 22A0349-12

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	ND	50	2.4	µg/L	1		SW-846 8260D	1/11/22	1/11/22 17:32	MFF
Acrylonitrile	ND	5.0	0.69	µg/L	1		SW-846 8260D	1/11/22	1/11/22 17:32	MFF
tert-Amyl Methyl Ether (TAME)	ND	0.50	0.15	µg/L	1		SW-846 8260D	1/11/22	1/11/22 17:32	MFF
Benzene	ND	1.0	0.13	µg/L	1		SW-846 8260D	1/11/22	1/11/22 17:32	MFF
Bromobenzene	ND	1.0	0.13	µg/L	1		SW-846 8260D	1/11/22	1/11/22 17:32	MFF
Bromochloromethane	ND	1.0	0.36	µg/L	1		SW-846 8260D	1/11/22	1/11/22 17:32	MFF
Bromodichloromethane	ND	0.50	0.14	µg/L	1		SW-846 8260D	1/11/22	1/11/22 17:32	MFF
Bromoform	ND	1.0	0.29	µg/L	1		SW-846 8260D	1/11/22	1/11/22 17:32	MFF
Bromomethane	ND	2.0	1.1	µg/L	1		SW-846 8260D	1/11/22	1/11/22 17:32	MFF
2-Butanone (MEK)	ND	20	1.9	µg/L	1		SW-846 8260D	1/11/22	1/11/22 17:32	MFF
tert-Butyl Alcohol (TBA)	ND	20	5.3	µg/L	1		SW-846 8260D	1/11/22	1/11/22 17:32	MFF
n-Butylbenzene	ND	1.0	0.14	µg/L	1		SW-846 8260D	1/11/22	1/11/22 17:32	MFF
sec-Butylbenzene	ND	1.0	0.10	µg/L	1		SW-846 8260D	1/11/22	1/11/22 17:32	MFF
tert-Butylbenzene	ND	1.0	0.090	µg/L	1		SW-846 8260D	1/11/22	1/11/22 17:32	MFF
tert-Butyl Ethyl Ether (TBEE)	ND	0.50	0.11	µg/L	1		SW-846 8260D	1/11/22	1/11/22 17:32	MFF
Carbon Disulfide	ND	5.0	1.5	µg/L	1		SW-846 8260D	1/11/22	1/11/22 17:32	MFF
Carbon Tetrachloride	ND	5.0	0.17	µg/L	1		SW-846 8260D	1/11/22	1/11/22 17:32	MFF
Chlorobenzene	ND	1.0	0.080	µg/L	1		SW-846 8260D	1/11/22	1/11/22 17:32	MFF
Chlorodibromomethane	ND	0.50	0.16	µg/L	1		SW-846 8260D	1/11/22	1/11/22 17:32	MFF
Chloroethane	ND	2.0	0.37	µg/L	1		SW-846 8260D	1/11/22	1/11/22 17:32	MFF
Chloroform	ND	2.0	0.19	µg/L	1		SW-846 8260D	1/11/22	1/11/22 17:32	MFF
Chloromethane	ND	2.0	0.38	µg/L	1		SW-846 8260D	1/11/22	1/11/22 17:32	MFF
2-Chlorotoluene	ND	1.0	0.090	µg/L	1		SW-846 8260D	1/11/22	1/11/22 17:32	MFF
4-Chlorotoluene	ND	1.0	0.10	µg/L	1		SW-846 8260D	1/11/22	1/11/22 17:32	MFF
1,2-Dibromo-3-chloropropane (DBCP)	ND	5.0	0.72	µg/L	1		SW-846 8260D	1/11/22	1/11/22 17:32	MFF
1,2-Dibromoethane (EDB)	ND	0.50	0.15	µg/L	1		SW-846 8260D	1/11/22	1/11/22 17:32	MFF
Dibromomethane	ND	1.0	0.29	µg/L	1		SW-846 8260D	1/11/22	1/11/22 17:32	MFF
1,2-Dichlorobenzene	ND	1.0	0.10	µg/L	1		SW-846 8260D	1/11/22	1/11/22 17:32	MFF
1,3-Dichlorobenzene	ND	1.0	0.090	µg/L	1		SW-846 8260D	1/11/22	1/11/22 17:32	MFF
1,4-Dichlorobenzene	ND	1.0	0.11	µg/L	1		SW-846 8260D	1/11/22	1/11/22 17:32	MFF
trans-1,4-Dichloro-2-butene	ND	2.0	1.8	µg/L	1		SW-846 8260D	1/11/22	1/11/22 17:32	MFF
Dichlorodifluoromethane (Freon 12)	ND	2.0	0.20	µg/L	1		SW-846 8260D	1/11/22	1/11/22 17:32	MFF
1,1-Dichloroethane	0.45	1.0	0.16	µg/L	1	J	SW-846 8260D	1/11/22	1/11/22 17:32	MFF
1,2-Dichloroethane	ND	1.0	0.32	µg/L	1		SW-846 8260D	1/11/22	1/11/22 17:32	MFF
1,1-Dichloroethylene	ND	1.0	0.16	µg/L	1		SW-846 8260D	1/11/22	1/11/22 17:32	MFF
cis-1,2-Dichloroethylene	0.66	1.0	0.15	µg/L	1	J	SW-846 8260D	1/11/22	1/11/22 17:32	MFF
trans-1,2-Dichloroethylene	ND	1.0	0.17	µg/L	1		SW-846 8260D	1/11/22	1/11/22 17:32	MFF
1,2-Dichloropropane	ND	1.0	0.18	µg/L	1		SW-846 8260D	1/11/22	1/11/22 17:32	MFF
1,3-Dichloropropane	ND	0.50	0.12	µg/L	1		SW-846 8260D	1/11/22	1/11/22 17:32	MFF
2,2-Dichloropropane	ND	1.0	0.31	µg/L	1		SW-846 8260D	1/11/22	1/11/22 17:32	MFF
1,1-Dichloropropene	ND	2.0	0.26	µg/L	1		SW-846 8260D	1/11/22	1/11/22 17:32	MFF
cis-1,3-Dichloropropene	ND	0.50	0.12	µg/L	1		SW-846 8260D	1/11/22	1/11/22 17:32	MFF
trans-1,3-Dichloropropene	ND	0.50	0.15	µg/L	1		SW-846 8260D	1/11/22	1/11/22 17:32	MFF
Diethyl Ether	ND	2.0	0.22	µg/L	1		SW-846 8260D	1/11/22	1/11/22 17:32	MFF

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Project Location: 63 Wst Merrick Rd., Lindenhurst, Sample Description: Work Order: 22A0349

Date Received: 1/10/2022

Field Sample #: MW-109 Sampled: 1/6/2022 10:45

Sample ID: 22A0349-12

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	0.15	µg/L	1		SW-846 8260D	1/11/22	1/11/22 17:32	MFF
1,4-Dioxane	ND	50	22	µg/L	1		SW-846 8260D	1/11/22	1/11/22 17:32	MFF
Ethylbenzene	ND	1.0	0.090	µg/L	1		SW-846 8260D	1/11/22	1/11/22 17:32	MFF
Hexachlorobutadiene	ND	0.60	0.41	µg/L	1		SW-846 8260D	1/11/22	1/11/22 17:32	MFF
2-Hexanone (MBK)	ND	10	1.4	µg/L	1		SW-846 8260D	1/11/22	1/11/22 17:32	MFF
Isopropylbenzene (Cumene)	ND	1.0	0.10	µg/L	1		SW-846 8260D	1/11/22	1/11/22 17:32	MFF
p-Isopropyltoluene (p-Cymene)	ND	1.0	0.090	µg/L	1		SW-846 8260D	1/11/22	1/11/22 17:32	MFF
Methyl Acetate	ND	1.0	0.39	µg/L	1		SW-846 8260D	1/11/22	1/11/22 17:32	MFF
Methyl tert-Butyl Ether (MTBE)	0.47	1.0	0.17	µg/L	1	J	SW-846 8260D	1/11/22	1/11/22 17:32	MFF
Methyl Cyclohexane	ND	1.0	0.33	µg/L	1		SW-846 8260D	1/11/22	1/11/22 17:32	MFF
Methylene Chloride	ND	5.0	0.30	µg/L	1		SW-846 8260D	1/11/22	1/11/22 17:32	MFF
4-Methyl-2-pentanone (MIBK)	ND	10	1.6	µg/L	1		SW-846 8260D	1/11/22	1/11/22 17:32	MFF
Naphthalene	ND	2.0	0.15	µg/L	1	V-05	SW-846 8260D	1/11/22	1/11/22 17:32	MFF
n-Propylbenzene	ND	1.0	0.080	µg/L	1		SW-846 8260D	1/11/22	1/11/22 17:32	MFF
Styrene	ND	1.0	0.080	µg/L	1		SW-846 8260D	1/11/22	1/11/22 17:32	MFF
1,1,1,2-Tetrachloroethane	ND	1.0	0.14	µg/L	1		SW-846 8260D	1/11/22	1/11/22 17:32	MFF
1,1,2,2-Tetrachloroethane	ND	0.50	0.090	µg/L	1		SW-846 8260D	1/11/22	1/11/22 17:32	MFF
Tetrachloroethylene	ND	1.0	0.20	µg/L	1		SW-846 8260D	1/11/22	1/11/22 17:32	MFF
Tetrahydrofuran	ND	10	0.58	µg/L	1		SW-846 8260D	1/11/22	1/11/22 17:32	MFF
Toluene	ND	1.0	0.11	µg/L	1		SW-846 8260D	1/11/22	1/11/22 17:32	MFF
1,2,3-Trichlorobenzene	ND	5.0	0.14	µg/L	1	L-04, V-05	SW-846 8260D	1/11/22	1/11/22 17:32	MFF
1,2,4-Trichlorobenzene	ND	1.0	0.16	µg/L	1	V-05	SW-846 8260D	1/11/22	1/11/22 17:32	MFF
1,3,5-Trichlorobenzene	ND	1.0	0.18	µg/L	1		SW-846 8260D	1/11/22	1/11/22 17:32	MFF
1,1,1-Trichloroethane	ND	1.0	0.17	µg/L	1		SW-846 8260D	1/11/22	1/11/22 17:32	MFF
1,1,2-Trichloroethane	ND	1.0	0.15	µg/L	1		SW-846 8260D	1/11/22	1/11/22 17:32	MFF
Trichloroethylene	0.43	1.0	0.18	µg/L	1	J	SW-846 8260D	1/11/22	1/11/22 17:32	MFF
Trichlorofluoromethane (Freon 11)	ND	2.0	0.19	µg/L	1		SW-846 8260D	1/11/22	1/11/22 17:32	MFF
1,2,3-Trichloropropane	ND	2.0	0.31	µg/L	1		SW-846 8260D	1/11/22	1/11/22 17:32	MFF
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	1.0	0.24	µg/L	1	R-05	SW-846 8260D	1/11/22	1/11/22 17:32	MFF
1,2,4-Trimethylbenzene	ND	1.0	0.10	µg/L	1		SW-846 8260D	1/11/22	1/11/22 17:32	MFF
1,3,5-Trimethylbenzene	ND	1.0	0.10	µg/L	1		SW-846 8260D	1/11/22	1/11/22 17:32	MFF
Vinyl Chloride	ND	2.0	0.20	µg/L	1		SW-846 8260D	1/11/22	1/11/22 17:32	MFF
m+p Xylene	ND	2.0	0.18	µg/L	1		SW-846 8260D	1/11/22	1/11/22 17:32	MFF
o-Xylene	ND	1.0	0.090	µg/L	1		SW-846 8260D	1/11/22	1/11/22 17:32	MFF

Surrogates	% Recovery	Recovery Limits	Flag/Qual	
1,2-Dichloroethane-d4	101	70-130		1/11/22 17:32
Toluene-d8	101	70-130		1/11/22 17:32
4-Bromofluorobenzene	97.0	70-130		1/11/22 17:32

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Project Location: 63 Wst Merrick Rd., Lindenhurst, Sample Description: Work Order: 22A0349

Date Received: 1/10/2022

Field Sample #: MW-109 Sampled: 1/6/2022 10:45

Sample ID: 22A0349-12

Sample Matrix: Ground Water

Tentatively Identified Compounds - Volatile Compounds (ESTIMATED VALUES REPORTED)

Analyte	Results	Units	Response	RT	DF	CAS #	Q#	Method	Date Prepared	Date/Time Analyzed	Analyst
No TICs Found	0.0	µg/L			1			SW-846 8260D	1/11/22	1/11/22 17:32	MFF

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Project Location: 63 Wst Merrick Rd., Lindenhurst, Sample Description: Work Order: 22A0349

Date Received: 1/10/2022

Field Sample #: MW-111 Sampled: 1/6/2022 10:18

Sample ID: 22A0349-13

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	ND	50	2.4	µg/L	1		SW-846 8260D	1/11/22	1/11/22 17:56	MFF
Acrylonitrile	ND	5.0	0.69	µg/L	1		SW-846 8260D	1/11/22	1/11/22 17:56	MFF
tert-Amyl Methyl Ether (TAME)	ND	0.50	0.15	µg/L	1		SW-846 8260D	1/11/22	1/11/22 17:56	MFF
Benzene	ND	1.0	0.13	µg/L	1		SW-846 8260D	1/11/22	1/11/22 17:56	MFF
Bromobenzene	ND	1.0	0.13	µg/L	1		SW-846 8260D	1/11/22	1/11/22 17:56	MFF
Bromochloromethane	ND	1.0	0.36	µg/L	1		SW-846 8260D	1/11/22	1/11/22 17:56	MFF
Bromodichloromethane	ND	0.50	0.14	µg/L	1		SW-846 8260D	1/11/22	1/11/22 17:56	MFF
Bromoform	ND	1.0	0.29	µg/L	1		SW-846 8260D	1/11/22	1/11/22 17:56	MFF
Bromomethane	ND	2.0	1.1	µg/L	1		SW-846 8260D	1/11/22	1/11/22 17:56	MFF
2-Butanone (MEK)	ND	20	1.9	µg/L	1		SW-846 8260D	1/11/22	1/11/22 17:56	MFF
tert-Butyl Alcohol (TBA)	ND	20	5.3	µg/L	1		SW-846 8260D	1/11/22	1/11/22 17:56	MFF
n-Butylbenzene	ND	1.0	0.14	µg/L	1		SW-846 8260D	1/11/22	1/11/22 17:56	MFF
sec-Butylbenzene	ND	1.0	0.10	µg/L	1		SW-846 8260D	1/11/22	1/11/22 17:56	MFF
tert-Butylbenzene	ND	1.0	0.090	µg/L	1		SW-846 8260D	1/11/22	1/11/22 17:56	MFF
tert-Butyl Ethyl Ether (TBEE)	ND	0.50	0.11	µg/L	1		SW-846 8260D	1/11/22	1/11/22 17:56	MFF
Carbon Disulfide	ND	5.0	1.5	µg/L	1		SW-846 8260D	1/11/22	1/11/22 17:56	MFF
Carbon Tetrachloride	ND	5.0	0.17	µg/L	1		SW-846 8260D	1/11/22	1/11/22 17:56	MFF
Chlorobenzene	ND	1.0	0.080	µg/L	1		SW-846 8260D	1/11/22	1/11/22 17:56	MFF
Chlorodibromomethane	ND	0.50	0.16	µg/L	1		SW-846 8260D	1/11/22	1/11/22 17:56	MFF
Chloroethane	ND	2.0	0.37	µg/L	1		SW-846 8260D	1/11/22	1/11/22 17:56	MFF
Chloroform	ND	2.0	0.19	µg/L	1		SW-846 8260D	1/11/22	1/11/22 17:56	MFF
Chloromethane	ND	2.0	0.38	µg/L	1		SW-846 8260D	1/11/22	1/11/22 17:56	MFF
2-Chlorotoluene	ND	1.0	0.090	µg/L	1		SW-846 8260D	1/11/22	1/11/22 17:56	MFF
4-Chlorotoluene	ND	1.0	0.10	µg/L	1		SW-846 8260D	1/11/22	1/11/22 17:56	MFF
1,2-Dibromo-3-chloropropane (DBCP)	ND	5.0	0.72	µg/L	1		SW-846 8260D	1/11/22	1/11/22 17:56	MFF
1,2-Dibromoethane (EDB)	ND	0.50	0.15	µg/L	1		SW-846 8260D	1/11/22	1/11/22 17:56	MFF
Dibromomethane	ND	1.0	0.29	µg/L	1		SW-846 8260D	1/11/22	1/11/22 17:56	MFF
1,2-Dichlorobenzene	ND	1.0	0.10	µg/L	1		SW-846 8260D	1/11/22	1/11/22 17:56	MFF
1,3-Dichlorobenzene	ND	1.0	0.090	µg/L	1		SW-846 8260D	1/11/22	1/11/22 17:56	MFF
1,4-Dichlorobenzene	ND	1.0	0.11	µg/L	1		SW-846 8260D	1/11/22	1/11/22 17:56	MFF
trans-1,4-Dichloro-2-butene	ND	2.0	1.8	µg/L	1		SW-846 8260D	1/11/22	1/11/22 17:56	MFF
Dichlorodifluoromethane (Freon 12)	ND	2.0	0.20	µg/L	1		SW-846 8260D	1/11/22	1/11/22 17:56	MFF
1,1-Dichloroethane	ND	1.0	0.16	µg/L	1		SW-846 8260D	1/11/22	1/11/22 17:56	MFF
1,2-Dichloroethane	ND	1.0	0.32	µg/L	1		SW-846 8260D	1/11/22	1/11/22 17:56	MFF
1,1-Dichloroethylene	ND	1.0	0.16	µg/L	1		SW-846 8260D	1/11/22	1/11/22 17:56	MFF
cis-1,2-Dichloroethylene	ND	1.0	0.15	µg/L	1		SW-846 8260D	1/11/22	1/11/22 17:56	MFF
trans-1,2-Dichloroethylene	ND	1.0	0.17	µg/L	1		SW-846 8260D	1/11/22	1/11/22 17:56	MFF
1,2-Dichloropropane	ND	1.0	0.18	µg/L	1		SW-846 8260D	1/11/22	1/11/22 17:56	MFF
1,3-Dichloropropane	ND	0.50	0.12	µg/L	1		SW-846 8260D	1/11/22	1/11/22 17:56	MFF
2,2-Dichloropropane	ND	1.0	0.31	µg/L	1		SW-846 8260D	1/11/22	1/11/22 17:56	MFF
1,1-Dichloropropene	ND	2.0	0.26	µg/L	1		SW-846 8260D	1/11/22	1/11/22 17:56	MFF
cis-1,3-Dichloropropene	ND	0.50	0.12	µg/L	1		SW-846 8260D	1/11/22	1/11/22 17:56	MFF
trans-1,3-Dichloropropene	ND	0.50	0.15	µg/L	1		SW-846 8260D	1/11/22	1/11/22 17:56	MFF
Diethyl Ether	ND	2.0	0.22	µg/L	1		SW-846 8260D	1/11/22	1/11/22 17:56	MFF

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Project Location: 63 Wst Merrick Rd., Lindenhurst, Sample Description: Work Order: 22A0349

Date Received: 1/10/2022

Field Sample #: MW-111 Sampled: 1/6/2022 10:18

Sample ID: 22A0349-13

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	0.15	µg/L	1		SW-846 8260D	1/11/22	1/11/22 17:56	MFF
1,4-Dioxane	ND	50	22	µg/L	1		SW-846 8260D	1/11/22	1/11/22 17:56	MFF
Ethylbenzene	ND	1.0	0.090	µg/L	1		SW-846 8260D	1/11/22	1/11/22 17:56	MFF
Hexachlorobutadiene	ND	0.60	0.41	µg/L	1		SW-846 8260D	1/11/22	1/11/22 17:56	MFF
2-Hexanone (MBK)	ND	10	1.4	µg/L	1		SW-846 8260D	1/11/22	1/11/22 17:56	MFF
Isopropylbenzene (Cumene)	ND	1.0	0.10	µg/L	1		SW-846 8260D	1/11/22	1/11/22 17:56	MFF
p-Isopropyltoluene (p-Cymene)	ND	1.0	0.090	µg/L	1		SW-846 8260D	1/11/22	1/11/22 17:56	MFF
Methyl Acetate	ND	1.0	0.39	µg/L	1		SW-846 8260D	1/11/22	1/11/22 17:56	MFF
Methyl tert-Butyl Ether (MTBE)	ND	1.0	0.17	µg/L	1		SW-846 8260D	1/11/22	1/11/22 17:56	MFF
Methyl Cyclohexane	ND	1.0	0.33	µg/L	1		SW-846 8260D	1/11/22	1/11/22 17:56	MFF
Methylene Chloride	ND	5.0	0.30	µg/L	1		SW-846 8260D	1/11/22	1/11/22 17:56	MFF
4-Methyl-2-pentanone (MIBK)	ND	10	1.6	µg/L	1		SW-846 8260D	1/11/22	1/11/22 17:56	MFF
Naphthalene	ND	2.0	0.15	µg/L	1	V-05	SW-846 8260D	1/11/22	1/11/22 17:56	MFF
n-Propylbenzene	ND	1.0	0.080	µg/L	1		SW-846 8260D	1/11/22	1/11/22 17:56	MFF
Styrene	ND	1.0	0.080	µg/L	1		SW-846 8260D	1/11/22	1/11/22 17:56	MFF
1,1,1,2-Tetrachloroethane	ND	1.0	0.14	µg/L	1		SW-846 8260D	1/11/22	1/11/22 17:56	MFF
1,1,2,2-Tetrachloroethane	ND	0.50	0.090	µg/L	1		SW-846 8260D	1/11/22	1/11/22 17:56	MFF
Tetrachloroethylene	ND	1.0	0.20	µg/L	1		SW-846 8260D	1/11/22	1/11/22 17:56	MFF
Tetrahydrofuran	ND	10	0.58	µg/L	1		SW-846 8260D	1/11/22	1/11/22 17:56	MFF
Toluene	ND	1.0	0.11	µg/L	1		SW-846 8260D	1/11/22	1/11/22 17:56	MFF
1,2,3-Trichlorobenzene	ND	5.0	0.14	µg/L	1	L-04, V-05	SW-846 8260D	1/11/22	1/11/22 17:56	MFF
1,2,4-Trichlorobenzene	ND	1.0	0.16	µg/L	1	V-05	SW-846 8260D	1/11/22	1/11/22 17:56	MFF
1,3,5-Trichlorobenzene	ND	1.0	0.18	µg/L	1		SW-846 8260D	1/11/22	1/11/22 17:56	MFF
1,1,1-Trichloroethane	ND	1.0	0.17	µg/L	1		SW-846 8260D	1/11/22	1/11/22 17:56	MFF
1,1,2-Trichloroethane	ND	1.0	0.15	µg/L	1		SW-846 8260D	1/11/22	1/11/22 17:56	MFF
Trichloroethylene	ND	1.0	0.18	µg/L	1		SW-846 8260D	1/11/22	1/11/22 17:56	MFF
Trichlorofluoromethane (Freon 11)	ND	2.0	0.19	µg/L	1		SW-846 8260D	1/11/22	1/11/22 17:56	MFF
1,2,3-Trichloropropane	ND	2.0	0.31	µg/L	1		SW-846 8260D	1/11/22	1/11/22 17:56	MFF
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	1.0	0.24	µg/L	1	R-05	SW-846 8260D	1/11/22	1/11/22 17:56	MFF
1,2,4-Trimethylbenzene	ND	1.0	0.10	µg/L	1		SW-846 8260D	1/11/22	1/11/22 17:56	MFF
1,3,5-Trimethylbenzene	ND	1.0	0.10	µg/L	1		SW-846 8260D	1/11/22	1/11/22 17:56	MFF
Vinyl Chloride	ND	2.0	0.20	µg/L	1		SW-846 8260D	1/11/22	1/11/22 17:56	MFF
m+p Xylene	ND	2.0	0.18	µg/L	1		SW-846 8260D	1/11/22	1/11/22 17:56	MFF
o-Xylene	ND	1.0	0.090	µg/L	1		SW-846 8260D	1/11/22	1/11/22 17:56	MFF

Surrogates	% Recovery	Recovery Limits	Flag/Qual	
1,2-Dichloroethane-d4	98.8	70-130		1/11/22 17:56
Toluene-d8	101	70-130		1/11/22 17:56
4-Bromofluorobenzene	94.7	70-130		1/11/22 17:56

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Project Location: 63 Wst Merrick Rd., Lindenhurst, Sample Description: Work Order: 22A0349

Date Received: 1/10/2022

Field Sample #: MW-111 Sampled: 1/6/2022 10:18

Sample ID: 22A0349-13

Sample Matrix: Ground Water

Tentatively Identified Compounds - Volatile Compounds (ESTIMATED VALUES REPORTED)

Analyte	Results	Units	Response	RT	DF	CAS #	Q#	Method	Date Prepared	Date/Time Analyzed	Analyst
No TICs Found	0.0	µg/L			1			SW-846 8260D	1/11/22	1/11/22 17:56	MFF

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Project Location: 63 Wst Merrick Rd., Lindenhurst, Sample Description: Work Order: 22A0349

Date Received: 1/10/2022

Field Sample #: RW-1 Sampled: 1/5/2022 10:55

Sample ID: 22A0349-14

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	ND	50	2.4	µg/L	1		SW-846 8260D	1/11/22	1/11/22 18:20	MFF
Acrylonitrile	ND	5.0	0.69	µg/L	1		SW-846 8260D	1/11/22	1/11/22 18:20	MFF
tert-Amyl Methyl Ether (TAME)	ND	0.50	0.15	µg/L	1		SW-846 8260D	1/11/22	1/11/22 18:20	MFF
Benzene	ND	1.0	0.13	µg/L	1		SW-846 8260D	1/11/22	1/11/22 18:20	MFF
Bromobenzene	ND	1.0	0.13	µg/L	1		SW-846 8260D	1/11/22	1/11/22 18:20	MFF
Bromochloromethane	ND	1.0	0.36	µg/L	1		SW-846 8260D	1/11/22	1/11/22 18:20	MFF
Bromodichloromethane	ND	0.50	0.14	µg/L	1		SW-846 8260D	1/11/22	1/11/22 18:20	MFF
Bromoform	ND	1.0	0.29	µg/L	1		SW-846 8260D	1/11/22	1/11/22 18:20	MFF
Bromomethane	ND	2.0	1.1	µg/L	1		SW-846 8260D	1/11/22	1/11/22 18:20	MFF
2-Butanone (MEK)	ND	20	1.9	µg/L	1		SW-846 8260D	1/11/22	1/11/22 18:20	MFF
tert-Butyl Alcohol (TBA)	ND	20	5.3	µg/L	1		SW-846 8260D	1/11/22	1/11/22 18:20	MFF
n-Butylbenzene	ND	1.0	0.14	µg/L	1		SW-846 8260D	1/11/22	1/11/22 18:20	MFF
sec-Butylbenzene	ND	1.0	0.10	µg/L	1		SW-846 8260D	1/11/22	1/11/22 18:20	MFF
tert-Butylbenzene	ND	1.0	0.090	µg/L	1		SW-846 8260D	1/11/22	1/11/22 18:20	MFF
tert-Butyl Ethyl Ether (TBEE)	ND	0.50	0.11	µg/L	1		SW-846 8260D	1/11/22	1/11/22 18:20	MFF
Carbon Disulfide	ND	5.0	1.5	µg/L	1		SW-846 8260D	1/11/22	1/11/22 18:20	MFF
Carbon Tetrachloride	ND	5.0	0.17	µg/L	1		SW-846 8260D	1/11/22	1/11/22 18:20	MFF
Chlorobenzene	ND	1.0	0.080	µg/L	1		SW-846 8260D	1/11/22	1/11/22 18:20	MFF
Chlorodibromomethane	ND	0.50	0.16	µg/L	1		SW-846 8260D	1/11/22	1/11/22 18:20	MFF
Chloroethane	ND	2.0	0.37	µg/L	1		SW-846 8260D	1/11/22	1/11/22 18:20	MFF
Chloroform	ND	2.0	0.19	µg/L	1		SW-846 8260D	1/11/22	1/11/22 18:20	MFF
Chloromethane	ND	2.0	0.38	µg/L	1		SW-846 8260D	1/11/22	1/11/22 18:20	MFF
2-Chlorotoluene	ND	1.0	0.090	µg/L	1		SW-846 8260D	1/11/22	1/11/22 18:20	MFF
4-Chlorotoluene	ND	1.0	0.10	µg/L	1		SW-846 8260D	1/11/22	1/11/22 18:20	MFF
1,2-Dibromo-3-chloropropane (DBCP)	ND	5.0	0.72	µg/L	1		SW-846 8260D	1/11/22	1/11/22 18:20	MFF
1,2-Dibromoethane (EDB)	ND	0.50	0.15	µg/L	1		SW-846 8260D	1/11/22	1/11/22 18:20	MFF
Dibromomethane	ND	1.0	0.29	µg/L	1		SW-846 8260D	1/11/22	1/11/22 18:20	MFF
1,2-Dichlorobenzene	ND	1.0	0.10	µg/L	1		SW-846 8260D	1/11/22	1/11/22 18:20	MFF
1,3-Dichlorobenzene	ND	1.0	0.090	µg/L	1		SW-846 8260D	1/11/22	1/11/22 18:20	MFF
1,4-Dichlorobenzene	ND	1.0	0.11	µg/L	1		SW-846 8260D	1/11/22	1/11/22 18:20	MFF
trans-1,4-Dichloro-2-butene	ND	2.0	1.8	µg/L	1		SW-846 8260D	1/11/22	1/11/22 18:20	MFF
Dichlorodifluoromethane (Freon 12)	ND	2.0	0.20	µg/L	1		SW-846 8260D	1/11/22	1/11/22 18:20	MFF
1,1-Dichloroethane	ND	1.0	0.16	µg/L	1		SW-846 8260D	1/11/22	1/11/22 18:20	MFF
1,2-Dichloroethane	ND	1.0	0.32	µg/L	1		SW-846 8260D	1/11/22	1/11/22 18:20	MFF
1,1-Dichloroethylene	ND	1.0	0.16	µg/L	1		SW-846 8260D	1/11/22	1/11/22 18:20	MFF
cis-1,2-Dichloroethylene	ND	1.0	0.15	µg/L	1		SW-846 8260D	1/11/22	1/11/22 18:20	MFF
trans-1,2-Dichloroethylene	ND	1.0	0.17	µg/L	1		SW-846 8260D	1/11/22	1/11/22 18:20	MFF
1,2-Dichloropropane	ND	1.0	0.18	µg/L	1		SW-846 8260D	1/11/22	1/11/22 18:20	MFF
1,3-Dichloropropane	ND	0.50	0.12	µg/L	1		SW-846 8260D	1/11/22	1/11/22 18:20	MFF
2,2-Dichloropropane	ND	1.0	0.31	µg/L	1		SW-846 8260D	1/11/22	1/11/22 18:20	MFF
1,1-Dichloropropene	ND	2.0	0.26	µg/L	1		SW-846 8260D	1/11/22	1/11/22 18:20	MFF
cis-1,3-Dichloropropene	ND	0.50	0.12	µg/L	1		SW-846 8260D	1/11/22	1/11/22 18:20	MFF
trans-1,3-Dichloropropene	ND	0.50	0.15	µg/L	1		SW-846 8260D	1/11/22	1/11/22 18:20	MFF
Diethyl Ether	ND	2.0	0.22	µg/L	1		SW-846 8260D	1/11/22	1/11/22 18:20	MFF

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Project Location: 63 Wst Merrick Rd., Lindenhurst, Sample Description: Work Order: 22A0349

Date Received: 1/10/2022

Field Sample #: RW-1 Sampled: 1/5/2022 10:55

Sample ID: 22A0349-14

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	0.15	µg/L	1		SW-846 8260D	1/11/22	1/11/22 18:20	MFF
1,4-Dioxane	ND	50	22	µg/L	1		SW-846 8260D	1/11/22	1/11/22 18:20	MFF
Ethylbenzene	ND	1.0	0.090	µg/L	1		SW-846 8260D	1/11/22	1/11/22 18:20	MFF
Hexachlorobutadiene	ND	0.60	0.41	µg/L	1		SW-846 8260D	1/11/22	1/11/22 18:20	MFF
2-Hexanone (MBK)	ND	10	1.4	µg/L	1		SW-846 8260D	1/11/22	1/11/22 18:20	MFF
Isopropylbenzene (Cumene)	ND	1.0	0.10	µg/L	1		SW-846 8260D	1/11/22	1/11/22 18:20	MFF
p-Isopropyltoluene (p-Cymene)	ND	1.0	0.090	µg/L	1		SW-846 8260D	1/11/22	1/11/22 18:20	MFF
Methyl Acetate	ND	1.0	0.39	µg/L	1		SW-846 8260D	1/11/22	1/11/22 18:20	MFF
Methyl tert-Butyl Ether (MTBE)	ND	1.0	0.17	µg/L	1		SW-846 8260D	1/11/22	1/11/22 18:20	MFF
Methyl Cyclohexane	ND	1.0	0.33	µg/L	1		SW-846 8260D	1/11/22	1/11/22 18:20	MFF
Methylene Chloride	ND	5.0	0.30	µg/L	1		SW-846 8260D	1/11/22	1/11/22 18:20	MFF
4-Methyl-2-pentanone (MIBK)	ND	10	1.6	µg/L	1		SW-846 8260D	1/11/22	1/11/22 18:20	MFF
Naphthalene	ND	2.0	0.15	µg/L	1	V-05	SW-846 8260D	1/11/22	1/11/22 18:20	MFF
n-Propylbenzene	ND	1.0	0.080	µg/L	1		SW-846 8260D	1/11/22	1/11/22 18:20	MFF
Styrene	ND	1.0	0.080	µg/L	1		SW-846 8260D	1/11/22	1/11/22 18:20	MFF
1,1,1,2-Tetrachloroethane	ND	1.0	0.14	µg/L	1		SW-846 8260D	1/11/22	1/11/22 18:20	MFF
1,1,2,2-Tetrachloroethane	ND	0.50	0.090	µg/L	1		SW-846 8260D	1/11/22	1/11/22 18:20	MFF
Tetrachloroethylene	ND	1.0	0.20	µg/L	1		SW-846 8260D	1/11/22	1/11/22 18:20	MFF
Tetrahydrofuran	ND	10	0.58	µg/L	1		SW-846 8260D	1/11/22	1/11/22 18:20	MFF
Toluene	ND	1.0	0.11	µg/L	1		SW-846 8260D	1/11/22	1/11/22 18:20	MFF
1,2,3-Trichlorobenzene	ND	5.0	0.14	µg/L	1	L-04, V-05	SW-846 8260D	1/11/22	1/11/22 18:20	MFF
1,2,4-Trichlorobenzene	ND	1.0	0.16	µg/L	1	V-05	SW-846 8260D	1/11/22	1/11/22 18:20	MFF
1,3,5-Trichlorobenzene	ND	1.0	0.18	µg/L	1		SW-846 8260D	1/11/22	1/11/22 18:20	MFF
1,1,1-Trichloroethane	ND	1.0	0.17	µg/L	1		SW-846 8260D	1/11/22	1/11/22 18:20	MFF
1,1,2-Trichloroethane	ND	1.0	0.15	µg/L	1		SW-846 8260D	1/11/22	1/11/22 18:20	MFF
Trichloroethylene	ND	1.0	0.18	µg/L	1		SW-846 8260D	1/11/22	1/11/22 18:20	MFF
Trichlorofluoromethane (Freon 11)	ND	2.0	0.19	µg/L	1		SW-846 8260D	1/11/22	1/11/22 18:20	MFF
1,2,3-Trichloropropane	ND	2.0	0.31	µg/L	1		SW-846 8260D	1/11/22	1/11/22 18:20	MFF
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	1.0	0.24	µg/L	1	R-05	SW-846 8260D	1/11/22	1/11/22 18:20	MFF
1,2,4-Trimethylbenzene	ND	1.0	0.10	µg/L	1		SW-846 8260D	1/11/22	1/11/22 18:20	MFF
1,3,5-Trimethylbenzene	ND	1.0	0.10	µg/L	1		SW-846 8260D	1/11/22	1/11/22 18:20	MFF
Vinyl Chloride	ND	2.0	0.20	µg/L	1		SW-846 8260D	1/11/22	1/11/22 18:20	MFF
m+p Xylene	ND	2.0	0.18	µg/L	1		SW-846 8260D	1/11/22	1/11/22 18:20	MFF
o-Xylene	ND	1.0	0.090	µg/L	1		SW-846 8260D	1/11/22	1/11/22 18:20	MFF

Surrogates	% Recovery	Recovery Limits	Flag/Qual	
1,2-Dichloroethane-d4	99.8	70-130		1/11/22 18:20
Toluene-d8	103	70-130		1/11/22 18:20
4-Bromofluorobenzene	94.8	70-130		1/11/22 18:20

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Project Location: 63 Wst Merrick Rd., Lindenhurst, Sample Description: Work Order: 22A0349

Date Received: 1/10/2022

Field Sample #: RW-1 Sampled: 1/5/2022 10:55

Sample ID: 22A0349-14

Sample Matrix: Ground Water

Tentatively Identified Compounds - Volatile Compounds (ESTIMATED VALUES REPORTED)

Analyte	Results	Units	Response	RT	DF	CAS #	Q#	Method	Date Prepared	Date/Time Analyzed	Analyst
No TICs Found	0.0	µg/L			1			SW-846 8260D	1/11/22	1/11/22 18:20	MFF

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Project Location: 63 Wst Merrick Rd., Lindenhurst, Sample Description: Work Order: 22A0349

Date Received: 1/10/2022

Field Sample #: RW-1 Sampled: 1/5/2022 10:55

Sample ID: 22A0349-14

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	0.049	mg/L	1		SW-846 6010D	1/12/22	1/12/22 18:29	QNW
Antimony	ND	0.050	0.013	mg/L	1		SW-846 6010D	1/12/22	1/12/22 18:29	QNW
Arsenic	ND	0.010	0.0068	mg/L	1		SW-846 6010D	1/12/22	1/12/22 18:29	QNW
Barium	0.018	0.050	0.0090	mg/L	1	J	SW-846 6010D	1/12/22	1/12/22 18:29	QNW
Beryllium	ND	0.0040	0.0011	mg/L	1		SW-846 6010D	1/12/22	1/12/22 18:29	QNW
Cadmium	ND	0.0040	0.0016	mg/L	1		SW-846 6010D	1/12/22	1/12/22 18:29	QNW
Calcium	30	0.50	0.11	mg/L	1		SW-846 6010D	1/12/22	1/12/22 18:29	QNW
Chromium	ND	0.010	0.0050	mg/L	1		SW-846 6010D	1/12/22	1/12/22 18:29	QNW
Cobalt	ND	0.010	0.0020	mg/L	1		SW-846 6010D	1/12/22	1/12/22 18:29	QNW
Copper	ND	0.010	0.0030	mg/L	1		SW-846 6010D	1/12/22	1/12/22 18:29	QNW
Iron	0.22	0.050	0.032	mg/L	1		SW-846 6010D	1/12/22	1/12/22 18:29	QNW
Lead	0.0059	0.010	0.0053	mg/L	1	J	SW-846 6010D	1/12/22	1/13/22 17:58	MJH
Magnesium	4.6	0.050	0.023	mg/L	1		SW-846 6010D	1/12/22	1/12/22 18:29	QNW
Manganese	1.6	0.010	0.0020	mg/L	1		SW-846 6010D	1/12/22	1/12/22 18:29	QNW
Mercury	ND	0.00010	0.000050	mg/L	1		SW-846 7470A	1/14/22	1/17/22 12:27	GLH
Nickel	ND	0.010	0.0030	mg/L	1		SW-846 6010D	1/12/22	1/12/22 18:29	QNW
Potassium	3.3	2.0	0.40	mg/L	1		SW-846 6010D	1/12/22	1/12/22 18:29	QNW
Selenium	ND	0.050	0.013	mg/L	1		SW-846 6010D	1/12/22	1/12/22 18:29	QNW
Silver	ND	0.010	0.0040	mg/L	1		SW-846 6010D	1/12/22	1/12/22 18:29	QNW
Sodium	41	2.0	0.56	mg/L	1		SW-846 6010D	1/12/22	1/12/22 18:29	QNW
Thallium	ND	0.050	0.021	mg/L	1		SW-846 6010D	1/12/22	1/24/22 19:21	QNW
Vanadium	ND	0.010	0.0030	mg/L	1		SW-846 6010D	1/12/22	1/12/22 18:29	QNW
Zinc	ND	0.010	0.0037	mg/L	1		SW-846 6010D	1/12/22	1/12/22 18:29	QNW

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Project Location: 63 Wst Merrick Rd., Lindenhurst, Sample Description: Work Order: 22A0349

Date Received: 1/10/2022

Field Sample #: RW-2 Sampled: 1/6/2022 11:19

Sample ID: 22A0349-15

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	18	250	12	µg/L	5	J	SW-846 8260D	1/11/22	1/11/22 19:32	MFF
Acrylonitrile	ND	25	3.4	µg/L	5		SW-846 8260D	1/11/22	1/11/22 19:32	MFF
tert-Amyl Methyl Ether (TAME)	ND	2.5	0.75	µg/L	5		SW-846 8260D	1/11/22	1/11/22 19:32	MFF
Benzene	ND	5.0	0.65	µg/L	5		SW-846 8260D	1/11/22	1/11/22 19:32	MFF
Bromobenzene	ND	5.0	0.65	µg/L	5		SW-846 8260D	1/11/22	1/11/22 19:32	MFF
Bromochloromethane	ND	5.0	1.8	µg/L	5		SW-846 8260D	1/11/22	1/11/22 19:32	MFF
Bromodichloromethane	ND	2.5	0.70	µg/L	5		SW-846 8260D	1/11/22	1/11/22 19:32	MFF
Bromoform	ND	5.0	1.4	µg/L	5		SW-846 8260D	1/11/22	1/11/22 19:32	MFF
Bromomethane	ND	10	5.4	µg/L	5		SW-846 8260D	1/11/22	1/11/22 19:32	MFF
2-Butanone (MEK)	33	100	9.4	µg/L	5	J	SW-846 8260D	1/11/22	1/11/22 19:32	MFF
tert-Butyl Alcohol (TBA)	ND	100	27	µg/L	5		SW-846 8260D	1/11/22	1/11/22 19:32	MFF
n-Butylbenzene	ND	5.0	0.70	µg/L	5		SW-846 8260D	1/11/22	1/11/22 19:32	MFF
sec-Butylbenzene	ND	5.0	0.50	µg/L	5		SW-846 8260D	1/11/22	1/11/22 19:32	MFF
tert-Butylbenzene	ND	5.0	0.45	µg/L	5		SW-846 8260D	1/11/22	1/11/22 19:32	MFF
tert-Butyl Ethyl Ether (TBEE)	ND	2.5	0.55	µg/L	5		SW-846 8260D	1/11/22	1/11/22 19:32	MFF
Carbon Disulfide	ND	25	7.6	µg/L	5		SW-846 8260D	1/11/22	1/11/22 19:32	MFF
Carbon Tetrachloride	ND	25	0.85	µg/L	5		SW-846 8260D	1/11/22	1/11/22 19:32	MFF
Chlorobenzene	ND	5.0	0.40	µg/L	5		SW-846 8260D	1/11/22	1/11/22 19:32	MFF
Chlorodibromomethane	ND	2.5	0.80	µg/L	5		SW-846 8260D	1/11/22	1/11/22 19:32	MFF
Chloroethane	ND	10	1.8	µg/L	5		SW-846 8260D	1/11/22	1/11/22 19:32	MFF
Chloroform	ND	10	0.95	µg/L	5		SW-846 8260D	1/11/22	1/11/22 19:32	MFF
Chloromethane	ND	10	1.9	µg/L	5		SW-846 8260D	1/11/22	1/11/22 19:32	MFF
2-Chlorotoluene	ND	5.0	0.45	µg/L	5		SW-846 8260D	1/11/22	1/11/22 19:32	MFF
4-Chlorotoluene	ND	5.0	0.50	µg/L	5		SW-846 8260D	1/11/22	1/11/22 19:32	MFF
1,2-Dibromo-3-chloropropane (DBCP)	ND	25	3.6	µg/L	5		SW-846 8260D	1/11/22	1/11/22 19:32	MFF
1,2-Dibromoethane (EDB)	ND	2.5	0.75	µg/L	5		SW-846 8260D	1/11/22	1/11/22 19:32	MFF
Dibromomethane	ND	5.0	1.4	µg/L	5		SW-846 8260D	1/11/22	1/11/22 19:32	MFF
1,2-Dichlorobenzene	ND	5.0	0.50	µg/L	5		SW-846 8260D	1/11/22	1/11/22 19:32	MFF
1,3-Dichlorobenzene	ND	5.0	0.45	µg/L	5		SW-846 8260D	1/11/22	1/11/22 19:32	MFF
1,4-Dichlorobenzene	ND	5.0	0.55	µg/L	5		SW-846 8260D	1/11/22	1/11/22 19:32	MFF
trans-1,4-Dichloro-2-butene	ND	10	9.0	µg/L	5		SW-846 8260D	1/11/22	1/11/22 19:32	MFF
Dichlorodifluoromethane (Freon 12)	ND	10	1.0	µg/L	5		SW-846 8260D	1/11/22	1/11/22 19:32	MFF
1,1-Dichloroethane	ND	5.0	0.80	µg/L	5		SW-846 8260D	1/11/22	1/11/22 19:32	MFF
1,2-Dichloroethane	ND	5.0	1.6	µg/L	5		SW-846 8260D	1/11/22	1/11/22 19:32	MFF
1,1-Dichloroethylene	ND	5.0	0.80	µg/L	5		SW-846 8260D	1/11/22	1/11/22 19:32	MFF
cis-1,2-Dichloroethylene	ND	5.0	0.75	µg/L	5		SW-846 8260D	1/11/22	1/11/22 19:32	MFF
trans-1,2-Dichloroethylene	ND	5.0	0.85	µg/L	5		SW-846 8260D	1/11/22	1/11/22 19:32	MFF
1,2-Dichloropropane	ND	5.0	0.90	µg/L	5		SW-846 8260D	1/11/22	1/11/22 19:32	MFF
1,3-Dichloropropane	ND	2.5	0.60	µg/L	5		SW-846 8260D	1/11/22	1/11/22 19:32	MFF
2,2-Dichloropropane	ND	5.0	1.6	µg/L	5		SW-846 8260D	1/11/22	1/11/22 19:32	MFF
1,1-Dichloropropene	ND	10	1.3	µg/L	5		SW-846 8260D	1/11/22	1/11/22 19:32	MFF
cis-1,3-Dichloropropene	ND	2.5	0.60	µg/L	5		SW-846 8260D	1/11/22	1/11/22 19:32	MFF
trans-1,3-Dichloropropene	ND	2.5	0.75	µg/L	5		SW-846 8260D	1/11/22	1/11/22 19:32	MFF
Diethyl Ether	ND	10	1.1	µg/L	5		SW-846 8260D	1/11/22	1/11/22 19:32	MFF

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Project Location: 63 Wst Merrick Rd., Lindenhurst, Sample Description: Work Order: 22A0349

Date Received: 1/10/2022

Field Sample #: RW-2 Sampled: 1/6/2022 11:19

Sample ID: 22A0349-15

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	2.5	0.75	µg/L	5		SW-846 8260D	1/11/22	1/11/22 19:32	MFF
1,4-Dioxane	ND	250	110	µg/L	5		SW-846 8260D	1/11/22	1/11/22 19:32	MFF
Ethylbenzene	ND	5.0	0.45	µg/L	5		SW-846 8260D	1/11/22	1/11/22 19:32	MFF
Hexachlorobutadiene	ND	3.0	2.0	µg/L	5		SW-846 8260D	1/11/22	1/11/22 19:32	MFF
2-Hexanone (MBK)	ND	50	7.0	µg/L	5		SW-846 8260D	1/11/22	1/11/22 19:32	MFF
Isopropylbenzene (Cumene)	ND	5.0	0.50	µg/L	5		SW-846 8260D	1/11/22	1/11/22 19:32	MFF
p-Isopropyltoluene (p-Cymene)	ND	5.0	0.45	µg/L	5		SW-846 8260D	1/11/22	1/11/22 19:32	MFF
Methyl Acetate	ND	5.0	2.0	µg/L	5		SW-846 8260D	1/11/22	1/11/22 19:32	MFF
Methyl tert-Butyl Ether (MTBE)	ND	5.0	0.85	µg/L	5		SW-846 8260D	1/11/22	1/11/22 19:32	MFF
Methyl Cyclohexane	ND	5.0	1.6	µg/L	5		SW-846 8260D	1/11/22	1/11/22 19:32	MFF
Methylene Chloride	5.8	25	1.5	µg/L	5	J	SW-846 8260D	1/11/22	1/11/22 19:32	MFF
4-Methyl-2-pentanone (MIBK)	ND	50	8.1	µg/L	5		SW-846 8260D	1/11/22	1/11/22 19:32	MFF
Naphthalene	ND	10	0.75	µg/L	5	V-05	SW-846 8260D	1/11/22	1/11/22 19:32	MFF
n-Propylbenzene	ND	5.0	0.40	µg/L	5		SW-846 8260D	1/11/22	1/11/22 19:32	MFF
Styrene	ND	5.0	0.40	µg/L	5		SW-846 8260D	1/11/22	1/11/22 19:32	MFF
1,1,1,2-Tetrachloroethane	ND	5.0	0.70	µg/L	5		SW-846 8260D	1/11/22	1/11/22 19:32	MFF
1,1,2,2-Tetrachloroethane	ND	2.5	0.45	µg/L	5		SW-846 8260D	1/11/22	1/11/22 19:32	MFF
Tetrachloroethylene	ND	5.0	1.0	µg/L	5		SW-846 8260D	1/11/22	1/11/22 19:32	MFF
Tetrahydrofuran	ND	50	2.9	µg/L	5		SW-846 8260D	1/11/22	1/11/22 19:32	MFF
Toluene	ND	5.0	0.55	µg/L	5		SW-846 8260D	1/11/22	1/11/22 19:32	MFF
1,2,3-Trichlorobenzene	ND	25	0.70	µg/L	5	L-04, V-05	SW-846 8260D	1/11/22	1/11/22 19:32	MFF
1,2,4-Trichlorobenzene	ND	5.0	0.80	µg/L	5	V-05	SW-846 8260D	1/11/22	1/11/22 19:32	MFF
1,3,5-Trichlorobenzene	ND	5.0	0.90	µg/L	5		SW-846 8260D	1/11/22	1/11/22 19:32	MFF
1,1,1-Trichloroethane	ND	5.0	0.85	µg/L	5		SW-846 8260D	1/11/22	1/11/22 19:32	MFF
1,1,2-Trichloroethane	ND	5.0	0.75	µg/L	5		SW-846 8260D	1/11/22	1/11/22 19:32	MFF
Trichloroethylene	ND	5.0	0.90	µg/L	5		SW-846 8260D	1/11/22	1/11/22 19:32	MFF
Trichlorofluoromethane (Freon 11)	ND	10	0.95	µg/L	5		SW-846 8260D	1/11/22	1/11/22 19:32	MFF
1,2,3-Trichloropropane	ND	10	1.6	µg/L	5		SW-846 8260D	1/11/22	1/11/22 19:32	MFF
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	5.0	1.2	µg/L	5	R-05	SW-846 8260D	1/11/22	1/11/22 19:32	MFF
1,2,4-Trimethylbenzene	ND	5.0	0.50	µg/L	5		SW-846 8260D	1/11/22	1/11/22 19:32	MFF
1,3,5-Trimethylbenzene	ND	5.0	0.50	µg/L	5		SW-846 8260D	1/11/22	1/11/22 19:32	MFF
Vinyl Chloride	ND	10	1.0	µg/L	5		SW-846 8260D	1/11/22	1/11/22 19:32	MFF
m+p Xylene	ND	10	0.90	µg/L	5		SW-846 8260D	1/11/22	1/11/22 19:32	MFF
o-Xylene	ND	5.0	0.45	µg/L	5		SW-846 8260D	1/11/22	1/11/22 19:32	MFF

Surrogates	% Recovery	Recovery Limits	Flag/Qual	
1,2-Dichloroethane-d4	98.6	70-130		1/11/22 19:32
Toluene-d8	102	70-130		1/11/22 19:32
4-Bromofluorobenzene	95.7	70-130		1/11/22 19:32

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Project Location: 63 Wst Merrick Rd., Lindenhurst, Sample Description: Work Order: 22A0349

Date Received: 1/10/2022

Field Sample #: RW-2 Sampled: 1/6/2022 11:19

Sample ID: 22A0349-15

Sample Matrix: Ground Water

Tentatively Identified Compounds - Volatile Compounds (ESTIMATED VALUES REPORTED)

Analyte	Results	Units	Response	RT	DF	CAS #	Q#	Method	Date Prepared	Date/Time Analyzed	Analyst
Sulfur dioxide	22	µg/L	63949	1.151	5	007446-09-5	90	SW-846 8260D	1/11/22	1/11/22 19:32	MFF

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Project Location: 63 Wst Merrick Rd., Lindenhurst, Sample Description: Work Order: 22A0349

Date Received: 1/10/2022

Field Sample #: RW-2 Sampled: 1/6/2022 11:19

Sample ID: 22A0349-15

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	0.049	mg/L	1		SW-846 6010D	1/12/22	1/12/22 18:35	QNW
Antimony	ND	0.050	0.013	mg/L	1		SW-846 6010D	1/12/22	1/12/22 18:35	QNW
Arsenic	ND	0.010	0.0068	mg/L	1		SW-846 6010D	1/12/22	1/12/22 18:35	QNW
Barium	0.025	0.050	0.0090	mg/L	1	J	SW-846 6010D	1/12/22	1/12/22 18:35	QNW
Beryllium	ND	0.0040	0.0011	mg/L	1		SW-846 6010D	1/12/22	1/12/22 18:35	QNW
Cadmium	ND	0.0040	0.0016	mg/L	1		SW-846 6010D	1/12/22	1/12/22 18:35	QNW
Calcium	67	0.50	0.11	mg/L	1		SW-846 6010D	1/12/22	1/12/22 18:35	QNW
Chromium	ND	0.010	0.0050	mg/L	1		SW-846 6010D	1/12/22	1/12/22 18:35	QNW
Cobalt	ND	0.010	0.0020	mg/L	1		SW-846 6010D	1/12/22	1/12/22 18:35	QNW
Copper	ND	0.010	0.0030	mg/L	1		SW-846 6010D	1/12/22	1/12/22 18:35	QNW
Iron	5.0	0.050	0.032	mg/L	1		SW-846 6010D	1/12/22	1/12/22 18:35	QNW
Lead	ND	0.010	0.0053	mg/L	1		SW-846 6010D	1/12/22	1/13/22 18:04	MJH
Magnesium	110	0.050	0.023	mg/L	1		SW-846 6010D	1/12/22	1/12/22 18:35	QNW
Manganese	0.23	0.010	0.0020	mg/L	1		SW-846 6010D	1/12/22	1/12/22 18:35	QNW
Mercury	ND	0.00010	0.000050	mg/L	1		SW-846 7470A	1/14/22	1/17/22 12:36	GLH
Nickel	ND	0.010	0.0030	mg/L	1		SW-846 6010D	1/12/22	1/12/22 18:35	QNW
Potassium	41	2.0	0.40	mg/L	1		SW-846 6010D	1/12/22	1/13/22 18:04	MJH
Selenium	ND	0.050	0.013	mg/L	1		SW-846 6010D	1/12/22	1/12/22 18:35	QNW
Silver	ND	0.010	0.0040	mg/L	1		SW-846 6010D	1/12/22	1/12/22 18:35	QNW
Sodium	930	20	5.6	mg/L	10		SW-846 6010D	1/12/22	1/13/22 18:10	MJH
Thallium	ND	0.050	0.021	mg/L	1		SW-846 6010D	1/12/22	1/24/22 19:27	QNW
Vanadium	0.017	0.010	0.0030	mg/L	1		SW-846 6010D	1/12/22	1/12/22 18:35	QNW
Zinc	0.0043	0.010	0.0037	mg/L	1	J	SW-846 6010D	1/12/22	1/12/22 18:35	QNW

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Project Location: 63 Wst Merrick Rd., Lindenhurst, Sample Description: Work Order: 22A0349

Date Received: 1/10/2022

Field Sample #: MW-A Sampled: 1/6/2022 11:20

Sample ID: 22A0349-16

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	250	12	µg/L	5		SW-846 8260D	1/11/22	1/11/22 19:56	MFF
Acrylonitrile	ND	25	3.4	µg/L	5		SW-846 8260D	1/11/22	1/11/22 19:56	MFF
tert-Amyl Methyl Ether (TAME)	ND	2.5	0.75	µg/L	5		SW-846 8260D	1/11/22	1/11/22 19:56	MFF
Benzene	ND	5.0	0.65	µg/L	5		SW-846 8260D	1/11/22	1/11/22 19:56	MFF
Bromobenzene	ND	5.0	0.65	µg/L	5		SW-846 8260D	1/11/22	1/11/22 19:56	MFF
Bromochloromethane	ND	5.0	1.8	µg/L	5		SW-846 8260D	1/11/22	1/11/22 19:56	MFF
Bromodichloromethane	ND	2.5	0.70	µg/L	5		SW-846 8260D	1/11/22	1/11/22 19:56	MFF
Bromoform	ND	5.0	1.4	µg/L	5		SW-846 8260D	1/11/22	1/11/22 19:56	MFF
Bromomethane	ND	10	5.4	µg/L	5		SW-846 8260D	1/11/22	1/11/22 19:56	MFF
2-Butanone (MEK)	18	100	9.4	µg/L	5	J	SW-846 8260D	1/11/22	1/11/22 19:56	MFF
tert-Butyl Alcohol (TBA)	ND	100	27	µg/L	5		SW-846 8260D	1/11/22	1/11/22 19:56	MFF
n-Butylbenzene	ND	5.0	0.70	µg/L	5		SW-846 8260D	1/11/22	1/11/22 19:56	MFF
sec-Butylbenzene	ND	5.0	0.50	µg/L	5		SW-846 8260D	1/11/22	1/11/22 19:56	MFF
tert-Butylbenzene	ND	5.0	0.45	µg/L	5		SW-846 8260D	1/11/22	1/11/22 19:56	MFF
tert-Butyl Ethyl Ether (TBEE)	ND	2.5	0.55	µg/L	5		SW-846 8260D	1/11/22	1/11/22 19:56	MFF
Carbon Disulfide	ND	25	7.6	µg/L	5		SW-846 8260D	1/11/22	1/11/22 19:56	MFF
Carbon Tetrachloride	ND	25	0.85	µg/L	5		SW-846 8260D	1/11/22	1/11/22 19:56	MFF
Chlorobenzene	ND	5.0	0.40	µg/L	5		SW-846 8260D	1/11/22	1/11/22 19:56	MFF
Chlorodibromomethane	ND	2.5	0.80	µg/L	5		SW-846 8260D	1/11/22	1/11/22 19:56	MFF
Chloroethane	ND	10	1.8	µg/L	5		SW-846 8260D	1/11/22	1/11/22 19:56	MFF
Chloroform	ND	10	0.95	µg/L	5		SW-846 8260D	1/11/22	1/11/22 19:56	MFF
Chloromethane	ND	10	1.9	µg/L	5		SW-846 8260D	1/11/22	1/11/22 19:56	MFF
2-Chlorotoluene	ND	5.0	0.45	µg/L	5		SW-846 8260D	1/11/22	1/11/22 19:56	MFF
4-Chlorotoluene	ND	5.0	0.50	µg/L	5		SW-846 8260D	1/11/22	1/11/22 19:56	MFF
1,2-Dibromo-3-chloropropane (DBCP)	ND	25	3.6	µg/L	5		SW-846 8260D	1/11/22	1/11/22 19:56	MFF
1,2-Dibromoethane (EDB)	ND	2.5	0.75	µg/L	5		SW-846 8260D	1/11/22	1/11/22 19:56	MFF
Dibromomethane	ND	5.0	1.4	µg/L	5		SW-846 8260D	1/11/22	1/11/22 19:56	MFF
1,2-Dichlorobenzene	ND	5.0	0.50	µg/L	5		SW-846 8260D	1/11/22	1/11/22 19:56	MFF
1,3-Dichlorobenzene	ND	5.0	0.45	µg/L	5		SW-846 8260D	1/11/22	1/11/22 19:56	MFF
1,4-Dichlorobenzene	ND	5.0	0.55	µg/L	5		SW-846 8260D	1/11/22	1/11/22 19:56	MFF
trans-1,4-Dichloro-2-butene	ND	10	9.0	µg/L	5		SW-846 8260D	1/11/22	1/11/22 19:56	MFF
Dichlorodifluoromethane (Freon 12)	ND	10	1.0	µg/L	5		SW-846 8260D	1/11/22	1/11/22 19:56	MFF
1,1-Dichloroethane	ND	5.0	0.80	µg/L	5		SW-846 8260D	1/11/22	1/11/22 19:56	MFF
1,2-Dichloroethane	ND	5.0	1.6	µg/L	5		SW-846 8260D	1/11/22	1/11/22 19:56	MFF
1,1-Dichloroethylene	ND	5.0	0.80	µg/L	5		SW-846 8260D	1/11/22	1/11/22 19:56	MFF
cis-1,2-Dichloroethylene	ND	5.0	0.75	µg/L	5		SW-846 8260D	1/11/22	1/11/22 19:56	MFF
trans-1,2-Dichloroethylene	ND	5.0	0.85	µg/L	5		SW-846 8260D	1/11/22	1/11/22 19:56	MFF
1,2-Dichloropropane	ND	5.0	0.90	µg/L	5		SW-846 8260D	1/11/22	1/11/22 19:56	MFF
1,3-Dichloropropane	ND	2.5	0.60	µg/L	5		SW-846 8260D	1/11/22	1/11/22 19:56	MFF
2,2-Dichloropropane	ND	5.0	1.6	µg/L	5		SW-846 8260D	1/11/22	1/11/22 19:56	MFF
1,1-Dichloropropene	ND	10	1.3	µg/L	5		SW-846 8260D	1/11/22	1/11/22 19:56	MFF
cis-1,3-Dichloropropene	ND	2.5	0.60	µg/L	5		SW-846 8260D	1/11/22	1/11/22 19:56	MFF
trans-1,3-Dichloropropene	ND	2.5	0.75	µg/L	5		SW-846 8260D	1/11/22	1/11/22 19:56	MFF
Diethyl Ether	ND	10	1.1	µg/L	5		SW-846 8260D	1/11/22	1/11/22 19:56	MFF

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

Project Location: 63 Wst Merrick Rd., Lindenhurst, Sample Description: Work Order: 22A0349

Date Received: 1/10/2022

Field Sample #: MW-A Sampled: 1/6/2022 11:20

Sample ID: 22A0349-16

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	2.5	0.75	µg/L	5		SW-846 8260D	1/11/22	1/11/22 19:56	MFF
1,4-Dioxane	ND	250	110	µg/L	5		SW-846 8260D	1/11/22	1/11/22 19:56	MFF
Ethylbenzene	ND	5.0	0.45	µg/L	5		SW-846 8260D	1/11/22	1/11/22 19:56	MFF
Hexachlorobutadiene	ND	3.0	2.0	µg/L	5		SW-846 8260D	1/11/22	1/11/22 19:56	MFF
2-Hexanone (MBK)	ND	50	7.0	µg/L	5		SW-846 8260D	1/11/22	1/11/22 19:56	MFF
Isopropylbenzene (Cumene)	ND	5.0	0.50	µg/L	5		SW-846 8260D	1/11/22	1/11/22 19:56	MFF
p-Isopropyltoluene (p-Cymene)	ND	5.0	0.45	µg/L	5		SW-846 8260D	1/11/22	1/11/22 19:56	MFF
Methyl Acetate	ND	5.0	2.0	µg/L	5		SW-846 8260D	1/11/22	1/11/22 19:56	MFF
Methyl tert-Butyl Ether (MTBE)	ND	5.0	0.85	µg/L	5		SW-846 8260D	1/11/22	1/11/22 19:56	MFF
Methyl Cyclohexane	ND	5.0	1.6	µg/L	5		SW-846 8260D	1/11/22	1/11/22 19:56	MFF
Methylene Chloride	ND	25	1.5	µg/L	5		SW-846 8260D	1/11/22	1/11/22 19:56	MFF
4-Methyl-2-pentanone (MIBK)	ND	50	8.1	µg/L	5		SW-846 8260D	1/11/22	1/11/22 19:56	MFF
Naphthalene	ND	10	0.75	µg/L	5	V-05	SW-846 8260D	1/11/22	1/11/22 19:56	MFF
n-Propylbenzene	ND	5.0	0.40	µg/L	5		SW-846 8260D	1/11/22	1/11/22 19:56	MFF
Styrene	ND	5.0	0.40	µg/L	5		SW-846 8260D	1/11/22	1/11/22 19:56	MFF
1,1,1,2-Tetrachloroethane	ND	5.0	0.70	µg/L	5		SW-846 8260D	1/11/22	1/11/22 19:56	MFF
1,1,2,2-Tetrachloroethane	ND	2.5	0.45	µg/L	5		SW-846 8260D	1/11/22	1/11/22 19:56	MFF
Tetrachloroethylene	ND	5.0	1.0	µg/L	5		SW-846 8260D	1/11/22	1/11/22 19:56	MFF
Tetrahydrofuran	ND	50	2.9	µg/L	5		SW-846 8260D	1/11/22	1/11/22 19:56	MFF
Toluene	ND	5.0	0.55	µg/L	5		SW-846 8260D	1/11/22	1/11/22 19:56	MFF
1,2,3-Trichlorobenzene	ND	25	0.70	µg/L	5	L-04, V-05	SW-846 8260D	1/11/22	1/11/22 19:56	MFF
1,2,4-Trichlorobenzene	ND	5.0	0.80	µg/L	5	V-05	SW-846 8260D	1/11/22	1/11/22 19:56	MFF
1,3,5-Trichlorobenzene	ND	5.0	0.90	µg/L	5		SW-846 8260D	1/11/22	1/11/22 19:56	MFF
1,1,1-Trichloroethane	ND	5.0	0.85	µg/L	5		SW-846 8260D	1/11/22	1/11/22 19:56	MFF
1,1,2-Trichloroethane	ND	5.0	0.75	µg/L	5		SW-846 8260D	1/11/22	1/11/22 19:56	MFF
Trichloroethylene	ND	5.0	0.90	µg/L	5		SW-846 8260D	1/11/22	1/11/22 19:56	MFF
Trichlorofluoromethane (Freon 11)	ND	10	0.95	µg/L	5		SW-846 8260D	1/11/22	1/11/22 19:56	MFF
1,2,3-Trichloropropane	ND	10	1.6	µg/L	5		SW-846 8260D	1/11/22	1/11/22 19:56	MFF
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	5.0	1.2	µg/L	5	R-05	SW-846 8260D	1/11/22	1/11/22 19:56	MFF
1,2,4-Trimethylbenzene	ND	5.0	0.50	µg/L	5		SW-846 8260D	1/11/22	1/11/22 19:56	MFF
1,3,5-Trimethylbenzene	ND	5.0	0.50	µg/L	5		SW-846 8260D	1/11/22	1/11/22 19:56	MFF
Vinyl Chloride	ND	10	1.0	µg/L	5		SW-846 8260D	1/11/22	1/11/22 19:56	MFF
m+p Xylene	ND	10	0.90	µg/L	5		SW-846 8260D	1/11/22	1/11/22 19:56	MFF
o-Xylene	ND	5.0	0.45	µg/L	5		SW-846 8260D	1/11/22	1/11/22 19:56	MFF

Surrogates	% Recovery	Recovery Limits	Flag/Qual	
1,2-Dichloroethane-d4	99.4	70-130		1/11/22 19:56
Toluene-d8	103	70-130		1/11/22 19:56
4-Bromofluorobenzene	93.8	70-130		1/11/22 19:56

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Project Location: 63 Wst Merrick Rd., Lindenhurst, Sample Description: Work Order: 22A0349

Date Received: 1/10/2022

Field Sample #: MW-A Sampled: 1/6/2022 11:20

Sample ID: 22A0349-16

Sample Matrix: Ground Water

Tentatively Identified Compounds - Volatile Compounds (ESTIMATED VALUES REPORTED)

Analyte	Results	Units	Response	RT	DF	CAS #	Q#	Method	Date Prepared	Date/Time Analyzed	Analyst
No TICs Found	0.0	µg/L			5			SW-846 8260D	1/11/22	1/11/22 19:56	MFF

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Project Location: 63 Wst Merrick Rd., Lindenhurst, Sample Description: Work Order: 22A0349

Date Received: 1/10/2022

Field Sample #: MW-A Sampled: 1/6/2022 11:20

Sample ID: 22A0349-16

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	0.049	mg/L	1		SW-846 6010D	1/12/22	1/12/22 18:24	QNW
Antimony	ND	0.050	0.013	mg/L	1		SW-846 6010D	1/12/22	1/12/22 18:24	QNW
Arsenic	ND	0.010	0.0068	mg/L	1		SW-846 6010D	1/12/22	1/12/22 18:24	QNW
Barium	0.024	0.050	0.0090	mg/L	1	J	SW-846 6010D	1/12/22	1/12/22 18:24	QNW
Beryllium	ND	0.0040	0.0011	mg/L	1		SW-846 6010D	1/12/22	1/12/22 18:24	QNW
Cadmium	ND	0.0040	0.0016	mg/L	1		SW-846 6010D	1/12/22	1/12/22 18:24	QNW
Calcium	65	0.50	0.11	mg/L	1	MS-19	SW-846 6010D	1/12/22	1/12/22 18:24	QNW
Chromium	ND	0.010	0.0050	mg/L	1		SW-846 6010D	1/12/22	1/12/22 18:24	QNW
Cobalt	ND	0.010	0.0020	mg/L	1		SW-846 6010D	1/12/22	1/12/22 18:24	QNW
Copper	ND	0.010	0.0030	mg/L	1		SW-846 6010D	1/12/22	1/12/22 18:24	QNW
Iron	4.6	0.050	0.032	mg/L	1		SW-846 6010D	1/12/22	1/12/22 18:24	QNW
Lead	ND	0.010	0.0053	mg/L	1		SW-846 6010D	1/12/22	1/13/22 17:53	MJH
Magnesium	110	0.050	0.023	mg/L	1		SW-846 6010D	1/12/22	1/12/22 18:24	QNW
Manganese	0.22	0.010	0.0020	mg/L	1		SW-846 6010D	1/12/22	1/12/22 18:24	QNW
Mercury	ND	0.00010	0.000050	mg/L	1		SW-846 7470A	1/14/22	1/17/22 12:38	GLH
Nickel	ND	0.010	0.0030	mg/L	1		SW-846 6010D	1/12/22	1/12/22 18:24	QNW
Potassium	40	2.0	0.40	mg/L	1	MS-19	SW-846 6010D	1/12/22	1/13/22 17:53	MJH
Selenium	ND	0.050	0.013	mg/L	1		SW-846 6010D	1/12/22	1/12/22 18:24	QNW
Silver	ND	0.010	0.0040	mg/L	1		SW-846 6010D	1/12/22	1/12/22 18:24	QNW
Sodium	840	20	5.6	mg/L	10	MS-19	SW-846 6010D	1/12/22	1/13/22 17:35	MJH
Thallium	ND	0.050	0.021	mg/L	1		SW-846 6010D	1/12/22	1/24/22 19:15	QNW
Vanadium	0.017	0.010	0.0030	mg/L	1		SW-846 6010D	1/12/22	1/12/22 18:24	QNW
Zinc	ND	0.010	0.0037	mg/L	1		SW-846 6010D	1/12/22	1/12/22 18:24	QNW

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Project Location: 63 Wst Merrick Rd., Lindenhurst, Sample Description: Work Order: 22A0349

Date Received: 1/10/2022

Field Sample #: MW-B Sampled: 1/5/2022 12:09

Sample ID: 22A0349-17

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	ND	50	2.4	µg/L	1		SW-846 8260D	1/11/22	1/11/22 18:44	MFF
Acrylonitrile	ND	5.0	0.69	µg/L	1		SW-846 8260D	1/11/22	1/11/22 18:44	MFF
tert-Amyl Methyl Ether (TAME)	ND	0.50	0.15	µg/L	1		SW-846 8260D	1/11/22	1/11/22 18:44	MFF
Benzene	ND	1.0	0.13	µg/L	1		SW-846 8260D	1/11/22	1/11/22 18:44	MFF
Bromobenzene	ND	1.0	0.13	µg/L	1		SW-846 8260D	1/11/22	1/11/22 18:44	MFF
Bromochloromethane	ND	1.0	0.36	µg/L	1		SW-846 8260D	1/11/22	1/11/22 18:44	MFF
Bromodichloromethane	ND	0.50	0.14	µg/L	1		SW-846 8260D	1/11/22	1/11/22 18:44	MFF
Bromoform	ND	1.0	0.29	µg/L	1		SW-846 8260D	1/11/22	1/11/22 18:44	MFF
Bromomethane	ND	2.0	1.1	µg/L	1		SW-846 8260D	1/11/22	1/11/22 18:44	MFF
2-Butanone (MEK)	ND	20	1.9	µg/L	1		SW-846 8260D	1/11/22	1/11/22 18:44	MFF
tert-Butyl Alcohol (TBA)	ND	20	5.3	µg/L	1		SW-846 8260D	1/11/22	1/11/22 18:44	MFF
n-Butylbenzene	ND	1.0	0.14	µg/L	1		SW-846 8260D	1/11/22	1/11/22 18:44	MFF
sec-Butylbenzene	ND	1.0	0.10	µg/L	1		SW-846 8260D	1/11/22	1/11/22 18:44	MFF
tert-Butylbenzene	ND	1.0	0.090	µg/L	1		SW-846 8260D	1/11/22	1/11/22 18:44	MFF
tert-Butyl Ethyl Ether (TBEE)	ND	0.50	0.11	µg/L	1		SW-846 8260D	1/11/22	1/11/22 18:44	MFF
Carbon Disulfide	ND	5.0	1.5	µg/L	1		SW-846 8260D	1/11/22	1/11/22 18:44	MFF
Carbon Tetrachloride	ND	5.0	0.17	µg/L	1		SW-846 8260D	1/11/22	1/11/22 18:44	MFF
Chlorobenzene	ND	1.0	0.080	µg/L	1		SW-846 8260D	1/11/22	1/11/22 18:44	MFF
Chlorodibromomethane	ND	0.50	0.16	µg/L	1		SW-846 8260D	1/11/22	1/11/22 18:44	MFF
Chloroethane	ND	2.0	0.37	µg/L	1		SW-846 8260D	1/11/22	1/11/22 18:44	MFF
Chloroform	ND	2.0	0.19	µg/L	1		SW-846 8260D	1/11/22	1/11/22 18:44	MFF
Chloromethane	ND	2.0	0.38	µg/L	1		SW-846 8260D	1/11/22	1/11/22 18:44	MFF
2-Chlorotoluene	ND	1.0	0.090	µg/L	1		SW-846 8260D	1/11/22	1/11/22 18:44	MFF
4-Chlorotoluene	ND	1.0	0.10	µg/L	1		SW-846 8260D	1/11/22	1/11/22 18:44	MFF
1,2-Dibromo-3-chloropropane (DBCP)	ND	5.0	0.72	µg/L	1		SW-846 8260D	1/11/22	1/11/22 18:44	MFF
1,2-Dibromoethane (EDB)	ND	0.50	0.15	µg/L	1		SW-846 8260D	1/11/22	1/11/22 18:44	MFF
Dibromomethane	ND	1.0	0.29	µg/L	1		SW-846 8260D	1/11/22	1/11/22 18:44	MFF
1,2-Dichlorobenzene	ND	1.0	0.10	µg/L	1		SW-846 8260D	1/11/22	1/11/22 18:44	MFF
1,3-Dichlorobenzene	ND	1.0	0.090	µg/L	1		SW-846 8260D	1/11/22	1/11/22 18:44	MFF
1,4-Dichlorobenzene	ND	1.0	0.11	µg/L	1		SW-846 8260D	1/11/22	1/11/22 18:44	MFF
trans-1,4-Dichloro-2-butene	ND	2.0	1.8	µg/L	1		SW-846 8260D	1/11/22	1/11/22 18:44	MFF
Dichlorodifluoromethane (Freon 12)	ND	2.0	0.20	µg/L	1		SW-846 8260D	1/11/22	1/11/22 18:44	MFF
1,1-Dichloroethane	ND	1.0	0.16	µg/L	1		SW-846 8260D	1/11/22	1/11/22 18:44	MFF
1,2-Dichloroethane	ND	1.0	0.32	µg/L	1		SW-846 8260D	1/11/22	1/11/22 18:44	MFF
1,1-Dichloroethylene	ND	1.0	0.16	µg/L	1		SW-846 8260D	1/11/22	1/11/22 18:44	MFF
cis-1,2-Dichloroethylene	0.74	1.0	0.15	µg/L	1	J	SW-846 8260D	1/11/22	1/11/22 18:44	MFF
trans-1,2-Dichloroethylene	ND	1.0	0.17	µg/L	1		SW-846 8260D	1/11/22	1/11/22 18:44	MFF
1,2-Dichloropropane	ND	1.0	0.18	µg/L	1		SW-846 8260D	1/11/22	1/11/22 18:44	MFF
1,3-Dichloropropane	ND	0.50	0.12	µg/L	1		SW-846 8260D	1/11/22	1/11/22 18:44	MFF
2,2-Dichloropropane	ND	1.0	0.31	µg/L	1		SW-846 8260D	1/11/22	1/11/22 18:44	MFF
1,1-Dichloropropene	ND	2.0	0.26	µg/L	1		SW-846 8260D	1/11/22	1/11/22 18:44	MFF
cis-1,3-Dichloropropene	ND	0.50	0.12	µg/L	1		SW-846 8260D	1/11/22	1/11/22 18:44	MFF
trans-1,3-Dichloropropene	ND	0.50	0.15	µg/L	1		SW-846 8260D	1/11/22	1/11/22 18:44	MFF
Diethyl Ether	ND	2.0	0.22	µg/L	1		SW-846 8260D	1/11/22	1/11/22 18:44	MFF

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Project Location: 63 Wst Merrick Rd., Lindenhurst, Sample Description: Work Order: 22A0349

Date Received: 1/10/2022

Field Sample #: MW-B Sampled: 1/5/2022 12:09

Sample ID: 22A0349-17

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	0.15	µg/L	1		SW-846 8260D	1/11/22	1/11/22 18:44	MFF
1,4-Dioxane	ND	50	22	µg/L	1		SW-846 8260D	1/11/22	1/11/22 18:44	MFF
Ethylbenzene	ND	1.0	0.090	µg/L	1		SW-846 8260D	1/11/22	1/11/22 18:44	MFF
Hexachlorobutadiene	ND	0.60	0.41	µg/L	1		SW-846 8260D	1/11/22	1/11/22 18:44	MFF
2-Hexanone (MBK)	ND	10	1.4	µg/L	1		SW-846 8260D	1/11/22	1/11/22 18:44	MFF
Isopropylbenzene (Cumene)	ND	1.0	0.10	µg/L	1		SW-846 8260D	1/11/22	1/11/22 18:44	MFF
p-Isopropyltoluene (p-Cymene)	ND	1.0	0.090	µg/L	1		SW-846 8260D	1/11/22	1/11/22 18:44	MFF
Methyl Acetate	ND	1.0	0.39	µg/L	1		SW-846 8260D	1/11/22	1/11/22 18:44	MFF
Methyl tert-Butyl Ether (MTBE)	ND	1.0	0.17	µg/L	1		SW-846 8260D	1/11/22	1/11/22 18:44	MFF
Methyl Cyclohexane	ND	1.0	0.33	µg/L	1		SW-846 8260D	1/11/22	1/11/22 18:44	MFF
Methylene Chloride	ND	5.0	0.30	µg/L	1		SW-846 8260D	1/11/22	1/11/22 18:44	MFF
4-Methyl-2-pentanone (MIBK)	ND	10	1.6	µg/L	1		SW-846 8260D	1/11/22	1/11/22 18:44	MFF
Naphthalene	ND	2.0	0.15	µg/L	1	V-05	SW-846 8260D	1/11/22	1/11/22 18:44	MFF
n-Propylbenzene	ND	1.0	0.080	µg/L	1		SW-846 8260D	1/11/22	1/11/22 18:44	MFF
Styrene	ND	1.0	0.080	µg/L	1		SW-846 8260D	1/11/22	1/11/22 18:44	MFF
1,1,1,2-Tetrachloroethane	ND	1.0	0.14	µg/L	1		SW-846 8260D	1/11/22	1/11/22 18:44	MFF
1,1,2,2-Tetrachloroethane	ND	0.50	0.090	µg/L	1		SW-846 8260D	1/11/22	1/11/22 18:44	MFF
Tetrachloroethylene	5.3	1.0	0.20	µg/L	1		SW-846 8260D	1/11/22	1/11/22 18:44	MFF
Tetrahydrofuran	ND	10	0.58	µg/L	1		SW-846 8260D	1/11/22	1/11/22 18:44	MFF
Toluene	ND	1.0	0.11	µg/L	1		SW-846 8260D	1/11/22	1/11/22 18:44	MFF
1,2,3-Trichlorobenzene	ND	5.0	0.14	µg/L	1	L-04, V-05	SW-846 8260D	1/11/22	1/11/22 18:44	MFF
1,2,4-Trichlorobenzene	ND	1.0	0.16	µg/L	1	V-05	SW-846 8260D	1/11/22	1/11/22 18:44	MFF
1,3,5-Trichlorobenzene	ND	1.0	0.18	µg/L	1		SW-846 8260D	1/11/22	1/11/22 18:44	MFF
1,1,1-Trichloroethane	ND	1.0	0.17	µg/L	1		SW-846 8260D	1/11/22	1/11/22 18:44	MFF
1,1,2-Trichloroethane	ND	1.0	0.15	µg/L	1		SW-846 8260D	1/11/22	1/11/22 18:44	MFF
Trichloroethylene	0.37	1.0	0.18	µg/L	1	J	SW-846 8260D	1/11/22	1/11/22 18:44	MFF
Trichlorofluoromethane (Freon 11)	ND	2.0	0.19	µg/L	1		SW-846 8260D	1/11/22	1/11/22 18:44	MFF
1,2,3-Trichloropropane	ND	2.0	0.31	µg/L	1		SW-846 8260D	1/11/22	1/11/22 18:44	MFF
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	1.0	0.24	µg/L	1	R-05	SW-846 8260D	1/11/22	1/11/22 18:44	MFF
1,2,4-Trimethylbenzene	ND	1.0	0.10	µg/L	1		SW-846 8260D	1/11/22	1/11/22 18:44	MFF
1,3,5-Trimethylbenzene	ND	1.0	0.10	µg/L	1		SW-846 8260D	1/11/22	1/11/22 18:44	MFF
Vinyl Chloride	ND	2.0	0.20	µg/L	1		SW-846 8260D	1/11/22	1/11/22 18:44	MFF
m+p Xylene	ND	2.0	0.18	µg/L	1		SW-846 8260D	1/11/22	1/11/22 18:44	MFF
o-Xylene	ND	1.0	0.090	µg/L	1		SW-846 8260D	1/11/22	1/11/22 18:44	MFF

Surrogates	% Recovery	Recovery Limits	Flag/Qual	
1,2-Dichloroethane-d4	99.2	70-130		1/11/22 18:44
Toluene-d8	103	70-130		1/11/22 18:44
4-Bromofluorobenzene	94.8	70-130		1/11/22 18:44

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Project Location: 63 Wst Merrick Rd., Lindenhurst, Sample Description: Work Order: 22A0349

Date Received: 1/10/2022

Field Sample #: MW-B Sampled: 1/5/2022 12:09

Sample ID: 22A0349-17

Sample Matrix: Ground Water

Tentatively Identified Compounds - Volatile Compounds (ESTIMATED VALUES REPORTED)

Analyte	Results	Units	Response	RT	DF	CAS #	Q#	Method	Date Prepared	Date/Time Analyzed	Analyst
No TICs Found	0.0	µg/L			1			SW-846 8260D	1/11/22	1/11/22 18:44	MFF

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Project Location: 63 Wst Merrick Rd., Lindenhurst, Sample Description: Work Order: 22A0349

Date Received: 1/10/2022

Field Sample #: TB-1 Sampled: 1/5/2022 07:00

Sample ID: 22A0349-18

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	21	50	2.4	µg/L	1	J	SW-846 8260D	1/11/22	1/11/22 13:31	MFF
Acrylonitrile	ND	5.0	0.69	µg/L	1		SW-846 8260D	1/11/22	1/11/22 13:31	MFF
tert-Amyl Methyl Ether (TAME)	ND	0.50	0.15	µg/L	1		SW-846 8260D	1/11/22	1/11/22 13:31	MFF
Benzene	ND	1.0	0.13	µg/L	1		SW-846 8260D	1/11/22	1/11/22 13:31	MFF
Bromobenzene	ND	1.0	0.13	µg/L	1		SW-846 8260D	1/11/22	1/11/22 13:31	MFF
Bromochloromethane	ND	1.0	0.36	µg/L	1		SW-846 8260D	1/11/22	1/11/22 13:31	MFF
Bromodichloromethane	ND	0.50	0.14	µg/L	1		SW-846 8260D	1/11/22	1/11/22 13:31	MFF
Bromoform	ND	1.0	0.29	µg/L	1		SW-846 8260D	1/11/22	1/11/22 13:31	MFF
Bromomethane	ND	2.0	1.1	µg/L	1		SW-846 8260D	1/11/22	1/11/22 13:31	MFF
2-Butanone (MEK)	2.7	20	1.9	µg/L	1	J	SW-846 8260D	1/11/22	1/11/22 13:31	MFF
tert-Butyl Alcohol (TBA)	ND	20	5.3	µg/L	1		SW-846 8260D	1/11/22	1/11/22 13:31	MFF
n-Butylbenzene	ND	1.0	0.14	µg/L	1		SW-846 8260D	1/11/22	1/11/22 13:31	MFF
sec-Butylbenzene	ND	1.0	0.10	µg/L	1		SW-846 8260D	1/11/22	1/11/22 13:31	MFF
tert-Butylbenzene	ND	1.0	0.090	µg/L	1		SW-846 8260D	1/11/22	1/11/22 13:31	MFF
tert-Butyl Ethyl Ether (TBEE)	ND	0.50	0.11	µg/L	1		SW-846 8260D	1/11/22	1/11/22 13:31	MFF
Carbon Disulfide	ND	5.0	1.5	µg/L	1		SW-846 8260D	1/11/22	1/11/22 13:31	MFF
Carbon Tetrachloride	ND	5.0	0.17	µg/L	1		SW-846 8260D	1/11/22	1/11/22 13:31	MFF
Chlorobenzene	ND	1.0	0.080	µg/L	1		SW-846 8260D	1/11/22	1/11/22 13:31	MFF
Chlorodibromomethane	ND	0.50	0.16	µg/L	1		SW-846 8260D	1/11/22	1/11/22 13:31	MFF
Chloroethane	ND	2.0	0.37	µg/L	1		SW-846 8260D	1/11/22	1/11/22 13:31	MFF
Chloroform	ND	2.0	0.19	µg/L	1		SW-846 8260D	1/11/22	1/11/22 13:31	MFF
Chloromethane	ND	2.0	0.38	µg/L	1		SW-846 8260D	1/11/22	1/11/22 13:31	MFF
2-Chlorotoluene	ND	1.0	0.090	µg/L	1		SW-846 8260D	1/11/22	1/11/22 13:31	MFF
4-Chlorotoluene	ND	1.0	0.10	µg/L	1		SW-846 8260D	1/11/22	1/11/22 13:31	MFF
1,2-Dibromo-3-chloropropane (DBCP)	ND	5.0	0.72	µg/L	1		SW-846 8260D	1/11/22	1/11/22 13:31	MFF
1,2-Dibromoethane (EDB)	ND	0.50	0.15	µg/L	1		SW-846 8260D	1/11/22	1/11/22 13:31	MFF
Dibromomethane	ND	1.0	0.29	µg/L	1		SW-846 8260D	1/11/22	1/11/22 13:31	MFF
1,2-Dichlorobenzene	ND	1.0	0.10	µg/L	1		SW-846 8260D	1/11/22	1/11/22 13:31	MFF
1,3-Dichlorobenzene	ND	1.0	0.090	µg/L	1		SW-846 8260D	1/11/22	1/11/22 13:31	MFF
1,4-Dichlorobenzene	ND	1.0	0.11	µg/L	1		SW-846 8260D	1/11/22	1/11/22 13:31	MFF
trans-1,4-Dichloro-2-butene	ND	2.0	1.8	µg/L	1		SW-846 8260D	1/11/22	1/11/22 13:31	MFF
Dichlorodifluoromethane (Freon 12)	ND	2.0	0.20	µg/L	1		SW-846 8260D	1/11/22	1/11/22 13:31	MFF
1,1-Dichloroethane	ND	1.0	0.16	µg/L	1		SW-846 8260D	1/11/22	1/11/22 13:31	MFF
1,2-Dichloroethane	ND	1.0	0.32	µg/L	1		SW-846 8260D	1/11/22	1/11/22 13:31	MFF
1,1-Dichloroethylene	ND	1.0	0.16	µg/L	1		SW-846 8260D	1/11/22	1/11/22 13:31	MFF
cis-1,2-Dichloroethylene	ND	1.0	0.15	µg/L	1		SW-846 8260D	1/11/22	1/11/22 13:31	MFF
trans-1,2-Dichloroethylene	ND	1.0	0.17	µg/L	1		SW-846 8260D	1/11/22	1/11/22 13:31	MFF
1,2-Dichloropropane	ND	1.0	0.18	µg/L	1		SW-846 8260D	1/11/22	1/11/22 13:31	MFF
1,3-Dichloropropane	ND	0.50	0.12	µg/L	1		SW-846 8260D	1/11/22	1/11/22 13:31	MFF
2,2-Dichloropropane	ND	1.0	0.31	µg/L	1		SW-846 8260D	1/11/22	1/11/22 13:31	MFF
1,1-Dichloropropene	ND	2.0	0.26	µg/L	1		SW-846 8260D	1/11/22	1/11/22 13:31	MFF
cis-1,3-Dichloropropene	ND	0.50	0.12	µg/L	1		SW-846 8260D	1/11/22	1/11/22 13:31	MFF
trans-1,3-Dichloropropene	ND	0.50	0.15	µg/L	1		SW-846 8260D	1/11/22	1/11/22 13:31	MFF
Diethyl Ether	ND	2.0	0.22	µg/L	1		SW-846 8260D	1/11/22	1/11/22 13:31	MFF

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

Project Location: 63 Wst Merrick Rd., Lindenhurst, Sample Description: Work Order: 22A0349

Date Received: 1/10/2022

Field Sample #: TB-1 Sampled: 1/5/2022 07:00

Sample ID: 22A0349-18

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	0.15	µg/L	1		SW-846 8260D	1/11/22	1/11/22 13:31	MFF
1,4-Dioxane	ND	50	22	µg/L	1		SW-846 8260D	1/11/22	1/11/22 13:31	MFF
Ethylbenzene	ND	1.0	0.090	µg/L	1		SW-846 8260D	1/11/22	1/11/22 13:31	MFF
Hexachlorobutadiene	ND	0.60	0.41	µg/L	1		SW-846 8260D	1/11/22	1/11/22 13:31	MFF
2-Hexanone (MBK)	ND	10	1.4	µg/L	1		SW-846 8260D	1/11/22	1/11/22 13:31	MFF
Isopropylbenzene (Cumene)	ND	1.0	0.10	µg/L	1		SW-846 8260D	1/11/22	1/11/22 13:31	MFF
p-Isopropyltoluene (p-Cymene)	ND	1.0	0.090	µg/L	1		SW-846 8260D	1/11/22	1/11/22 13:31	MFF
Methyl Acetate	ND	1.0	0.39	µg/L	1		SW-846 8260D	1/11/22	1/11/22 13:31	MFF
Methyl tert-Butyl Ether (MTBE)	ND	1.0	0.17	µg/L	1		SW-846 8260D	1/11/22	1/11/22 13:31	MFF
Methyl Cyclohexane	ND	1.0	0.33	µg/L	1		SW-846 8260D	1/11/22	1/11/22 13:31	MFF
Methylene Chloride	ND	5.0	0.30	µg/L	1		SW-846 8260D	1/11/22	1/11/22 13:31	MFF
4-Methyl-2-pentanone (MIBK)	ND	10	1.6	µg/L	1		SW-846 8260D	1/11/22	1/11/22 13:31	MFF
Naphthalene	ND	2.0	0.15	µg/L	1	V-05	SW-846 8260D	1/11/22	1/11/22 13:31	MFF
n-Propylbenzene	ND	1.0	0.080	µg/L	1		SW-846 8260D	1/11/22	1/11/22 13:31	MFF
Styrene	ND	1.0	0.080	µg/L	1		SW-846 8260D	1/11/22	1/11/22 13:31	MFF
1,1,1,2-Tetrachloroethane	ND	1.0	0.14	µg/L	1		SW-846 8260D	1/11/22	1/11/22 13:31	MFF
1,1,2,2-Tetrachloroethane	ND	0.50	0.090	µg/L	1		SW-846 8260D	1/11/22	1/11/22 13:31	MFF
Tetrachloroethylene	ND	1.0	0.20	µg/L	1		SW-846 8260D	1/11/22	1/11/22 13:31	MFF
Tetrahydrofuran	1.2	10	0.58	µg/L	1	J	SW-846 8260D	1/11/22	1/11/22 13:31	MFF
Toluene	0.21	1.0	0.11	µg/L	1	J	SW-846 8260D	1/11/22	1/11/22 13:31	MFF
1,2,3-Trichlorobenzene	ND	5.0	0.14	µg/L	1	L-04, V-05	SW-846 8260D	1/11/22	1/11/22 13:31	MFF
1,2,4-Trichlorobenzene	ND	1.0	0.16	µg/L	1	V-05	SW-846 8260D	1/11/22	1/11/22 13:31	MFF
1,3,5-Trichlorobenzene	ND	1.0	0.18	µg/L	1		SW-846 8260D	1/11/22	1/11/22 13:31	MFF
1,1,1-Trichloroethane	ND	1.0	0.17	µg/L	1		SW-846 8260D	1/11/22	1/11/22 13:31	MFF
1,1,2-Trichloroethane	ND	1.0	0.15	µg/L	1		SW-846 8260D	1/11/22	1/11/22 13:31	MFF
Trichloroethylene	ND	1.0	0.18	µg/L	1		SW-846 8260D	1/11/22	1/11/22 13:31	MFF
Trichlorofluoromethane (Freon 11)	ND	2.0	0.19	µg/L	1		SW-846 8260D	1/11/22	1/11/22 13:31	MFF
1,2,3-Trichloropropane	ND	2.0	0.31	µg/L	1		SW-846 8260D	1/11/22	1/11/22 13:31	MFF
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	1.0	0.24	µg/L	1	R-05	SW-846 8260D	1/11/22	1/11/22 13:31	MFF
1,2,4-Trimethylbenzene	ND	1.0	0.10	µg/L	1		SW-846 8260D	1/11/22	1/11/22 13:31	MFF
1,3,5-Trimethylbenzene	ND	1.0	0.10	µg/L	1		SW-846 8260D	1/11/22	1/11/22 13:31	MFF
Vinyl Chloride	ND	2.0	0.20	µg/L	1		SW-846 8260D	1/11/22	1/11/22 13:31	MFF
m+p Xylene	ND	2.0	0.18	µg/L	1		SW-846 8260D	1/11/22	1/11/22 13:31	MFF
o-Xylene	ND	1.0	0.090	µg/L	1		SW-846 8260D	1/11/22	1/11/22 13:31	MFF

Surrogates	% Recovery	Recovery Limits	Flag/Qual	
1,2-Dichloroethane-d4	101	70-130		1/11/22 13:31
Toluene-d8	103	70-130		1/11/22 13:31
4-Bromofluorobenzene	95.4	70-130		1/11/22 13:31

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Project Location: 63 Wst Merrick Rd., Lindenhurst, Sample Description: Work Order: 22A0349

Date Received: 1/10/2022

Field Sample #: TB-1 Sampled: 1/5/2022 07:00

Sample ID: 22A0349-18

Sample Matrix: Ground Water

Tentatively Identified Compounds - Volatile Compounds (ESTIMATED VALUES REPORTED)

Analyte	Results	Units	Response	RT	DF	CAS #	Q#	Method	Date Prepared	Date/Time Analyzed	Analyst
Silane, methoxytrimethyl-	3.3	µg/L	47633	2.501	1	001825-61-2	83	SW-846 8260D	1/11/22	1/11/22 13:31	MFF

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Project Location: 63 Wst Merrick Rd., Lindenhurst, Sample Description: Work Order: 22A0349

Date Received: 1/10/2022

Field Sample #: TB-2 Sampled: 1/6/2022 07:05

Sample ID: 22A0349-19

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	2.4	µg/L	1		SW-846 8260D	1/11/22	1/11/22 13:55	MFF
Acrylonitrile	ND	5.0	0.69	µg/L	1		SW-846 8260D	1/11/22	1/11/22 13:55	MFF
tert-Amyl Methyl Ether (TAME)	ND	0.50	0.15	µg/L	1		SW-846 8260D	1/11/22	1/11/22 13:55	MFF
Benzene	ND	1.0	0.13	µg/L	1		SW-846 8260D	1/11/22	1/11/22 13:55	MFF
Bromobenzene	ND	1.0	0.13	µg/L	1		SW-846 8260D	1/11/22	1/11/22 13:55	MFF
Bromochloromethane	ND	1.0	0.36	µg/L	1		SW-846 8260D	1/11/22	1/11/22 13:55	MFF
Bromodichloromethane	ND	0.50	0.14	µg/L	1		SW-846 8260D	1/11/22	1/11/22 13:55	MFF
Bromoform	ND	1.0	0.29	µg/L	1		SW-846 8260D	1/11/22	1/11/22 13:55	MFF
Bromomethane	ND	2.0	1.1	µg/L	1		SW-846 8260D	1/11/22	1/11/22 13:55	MFF
2-Butanone (MEK)	ND	20	1.9	µg/L	1		SW-846 8260D	1/11/22	1/11/22 13:55	MFF
tert-Butyl Alcohol (TBA)	ND	20	5.3	µg/L	1		SW-846 8260D	1/11/22	1/11/22 13:55	MFF
n-Butylbenzene	ND	1.0	0.14	µg/L	1		SW-846 8260D	1/11/22	1/11/22 13:55	MFF
sec-Butylbenzene	ND	1.0	0.10	µg/L	1		SW-846 8260D	1/11/22	1/11/22 13:55	MFF
tert-Butylbenzene	ND	1.0	0.090	µg/L	1		SW-846 8260D	1/11/22	1/11/22 13:55	MFF
tert-Butyl Ethyl Ether (TBEE)	ND	0.50	0.11	µg/L	1		SW-846 8260D	1/11/22	1/11/22 13:55	MFF
Carbon Disulfide	ND	5.0	1.5	µg/L	1		SW-846 8260D	1/11/22	1/11/22 13:55	MFF
Carbon Tetrachloride	ND	5.0	0.17	µg/L	1		SW-846 8260D	1/11/22	1/11/22 13:55	MFF
Chlorobenzene	ND	1.0	0.080	µg/L	1		SW-846 8260D	1/11/22	1/11/22 13:55	MFF
Chlorodibromomethane	ND	0.50	0.16	µg/L	1		SW-846 8260D	1/11/22	1/11/22 13:55	MFF
Chloroethane	ND	2.0	0.37	µg/L	1		SW-846 8260D	1/11/22	1/11/22 13:55	MFF
Chloroform	ND	2.0	0.19	µg/L	1		SW-846 8260D	1/11/22	1/11/22 13:55	MFF
Chloromethane	ND	2.0	0.38	µg/L	1		SW-846 8260D	1/11/22	1/11/22 13:55	MFF
2-Chlorotoluene	ND	1.0	0.090	µg/L	1		SW-846 8260D	1/11/22	1/11/22 13:55	MFF
4-Chlorotoluene	ND	1.0	0.10	µg/L	1		SW-846 8260D	1/11/22	1/11/22 13:55	MFF
1,2-Dibromo-3-chloropropane (DBCP)	ND	5.0	0.72	µg/L	1		SW-846 8260D	1/11/22	1/11/22 13:55	MFF
1,2-Dibromoethane (EDB)	ND	0.50	0.15	µg/L	1		SW-846 8260D	1/11/22	1/11/22 13:55	MFF
Dibromomethane	ND	1.0	0.29	µg/L	1		SW-846 8260D	1/11/22	1/11/22 13:55	MFF
1,2-Dichlorobenzene	ND	1.0	0.10	µg/L	1		SW-846 8260D	1/11/22	1/11/22 13:55	MFF
1,3-Dichlorobenzene	ND	1.0	0.090	µg/L	1		SW-846 8260D	1/11/22	1/11/22 13:55	MFF
1,4-Dichlorobenzene	ND	1.0	0.11	µg/L	1		SW-846 8260D	1/11/22	1/11/22 13:55	MFF
trans-1,4-Dichloro-2-butene	ND	2.0	1.8	µg/L	1		SW-846 8260D	1/11/22	1/11/22 13:55	MFF
Dichlorodifluoromethane (Freon 12)	ND	2.0	0.20	µg/L	1		SW-846 8260D	1/11/22	1/11/22 13:55	MFF
1,1-Dichloroethane	ND	1.0	0.16	µg/L	1		SW-846 8260D	1/11/22	1/11/22 13:55	MFF
1,2-Dichloroethane	ND	1.0	0.32	µg/L	1		SW-846 8260D	1/11/22	1/11/22 13:55	MFF
1,1-Dichloroethylene	ND	1.0	0.16	µg/L	1		SW-846 8260D	1/11/22	1/11/22 13:55	MFF
cis-1,2-Dichloroethylene	ND	1.0	0.15	µg/L	1		SW-846 8260D	1/11/22	1/11/22 13:55	MFF
trans-1,2-Dichloroethylene	ND	1.0	0.17	µg/L	1		SW-846 8260D	1/11/22	1/11/22 13:55	MFF
1,2-Dichloropropane	ND	1.0	0.18	µg/L	1		SW-846 8260D	1/11/22	1/11/22 13:55	MFF
1,3-Dichloropropane	ND	0.50	0.12	µg/L	1		SW-846 8260D	1/11/22	1/11/22 13:55	MFF
2,2-Dichloropropane	ND	1.0	0.31	µg/L	1		SW-846 8260D	1/11/22	1/11/22 13:55	MFF
1,1-Dichloropropene	ND	2.0	0.26	µg/L	1		SW-846 8260D	1/11/22	1/11/22 13:55	MFF
cis-1,3-Dichloropropene	ND	0.50	0.12	µg/L	1		SW-846 8260D	1/11/22	1/11/22 13:55	MFF
trans-1,3-Dichloropropene	ND	0.50	0.15	µg/L	1		SW-846 8260D	1/11/22	1/11/22 13:55	MFF
Diethyl Ether	ND	2.0	0.22	µg/L	1		SW-846 8260D	1/11/22	1/11/22 13:55	MFF

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Project Location: 63 Wst Merrick Rd., Lindenhurst, Sample Description: Work Order: 22A0349

Date Received: 1/10/2022

Field Sample #: TB-2 Sampled: 1/6/2022 07:05

Sample ID: 22A0349-19

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	0.15	µg/L	1		SW-846 8260D	1/11/22	1/11/22 13:55	MFF
1,4-Dioxane	ND	50	22	µg/L	1		SW-846 8260D	1/11/22	1/11/22 13:55	MFF
Ethylbenzene	ND	1.0	0.090	µg/L	1		SW-846 8260D	1/11/22	1/11/22 13:55	MFF
Hexachlorobutadiene	ND	0.60	0.41	µg/L	1		SW-846 8260D	1/11/22	1/11/22 13:55	MFF
2-Hexanone (MBK)	ND	10	1.4	µg/L	1		SW-846 8260D	1/11/22	1/11/22 13:55	MFF
Isopropylbenzene (Cumene)	ND	1.0	0.10	µg/L	1		SW-846 8260D	1/11/22	1/11/22 13:55	MFF
p-Isopropyltoluene (p-Cymene)	ND	1.0	0.090	µg/L	1		SW-846 8260D	1/11/22	1/11/22 13:55	MFF
Methyl Acetate	ND	1.0	0.39	µg/L	1		SW-846 8260D	1/11/22	1/11/22 13:55	MFF
Methyl tert-Butyl Ether (MTBE)	ND	1.0	0.17	µg/L	1		SW-846 8260D	1/11/22	1/11/22 13:55	MFF
Methyl Cyclohexane	ND	1.0	0.33	µg/L	1		SW-846 8260D	1/11/22	1/11/22 13:55	MFF
Methylene Chloride	ND	5.0	0.30	µg/L	1		SW-846 8260D	1/11/22	1/11/22 13:55	MFF
4-Methyl-2-pentanone (MIBK)	ND	10	1.6	µg/L	1		SW-846 8260D	1/11/22	1/11/22 13:55	MFF
Naphthalene	ND	2.0	0.15	µg/L	1	V-05	SW-846 8260D	1/11/22	1/11/22 13:55	MFF
n-Propylbenzene	ND	1.0	0.080	µg/L	1		SW-846 8260D	1/11/22	1/11/22 13:55	MFF
Styrene	ND	1.0	0.080	µg/L	1		SW-846 8260D	1/11/22	1/11/22 13:55	MFF
1,1,1,2-Tetrachloroethane	ND	1.0	0.14	µg/L	1		SW-846 8260D	1/11/22	1/11/22 13:55	MFF
1,1,2,2-Tetrachloroethane	ND	0.50	0.090	µg/L	1		SW-846 8260D	1/11/22	1/11/22 13:55	MFF
Tetrachloroethylene	ND	1.0	0.20	µg/L	1		SW-846 8260D	1/11/22	1/11/22 13:55	MFF
Tetrahydrofuran	ND	10	0.58	µg/L	1		SW-846 8260D	1/11/22	1/11/22 13:55	MFF
Toluene	ND	1.0	0.11	µg/L	1		SW-846 8260D	1/11/22	1/11/22 13:55	MFF
1,2,3-Trichlorobenzene	ND	5.0	0.14	µg/L	1	L-04, V-05	SW-846 8260D	1/11/22	1/11/22 13:55	MFF
1,2,4-Trichlorobenzene	ND	1.0	0.16	µg/L	1	V-05	SW-846 8260D	1/11/22	1/11/22 13:55	MFF
1,3,5-Trichlorobenzene	ND	1.0	0.18	µg/L	1		SW-846 8260D	1/11/22	1/11/22 13:55	MFF
1,1,1-Trichloroethane	ND	1.0	0.17	µg/L	1		SW-846 8260D	1/11/22	1/11/22 13:55	MFF
1,1,2-Trichloroethane	ND	1.0	0.15	µg/L	1		SW-846 8260D	1/11/22	1/11/22 13:55	MFF
Trichloroethylene	ND	1.0	0.18	µg/L	1		SW-846 8260D	1/11/22	1/11/22 13:55	MFF
Trichlorofluoromethane (Freon 11)	ND	2.0	0.19	µg/L	1		SW-846 8260D	1/11/22	1/11/22 13:55	MFF
1,2,3-Trichloropropane	ND	2.0	0.31	µg/L	1		SW-846 8260D	1/11/22	1/11/22 13:55	MFF
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	1.0	0.24	µg/L	1	R-05	SW-846 8260D	1/11/22	1/11/22 13:55	MFF
1,2,4-Trimethylbenzene	ND	1.0	0.10	µg/L	1		SW-846 8260D	1/11/22	1/11/22 13:55	MFF
1,3,5-Trimethylbenzene	ND	1.0	0.10	µg/L	1		SW-846 8260D	1/11/22	1/11/22 13:55	MFF
Vinyl Chloride	ND	2.0	0.20	µg/L	1		SW-846 8260D	1/11/22	1/11/22 13:55	MFF
m+p Xylene	ND	2.0	0.18	µg/L	1		SW-846 8260D	1/11/22	1/11/22 13:55	MFF
o-Xylene	ND	1.0	0.090	µg/L	1		SW-846 8260D	1/11/22	1/11/22 13:55	MFF

Surrogates	% Recovery	Recovery Limits	Flag/Qual	
1,2-Dichloroethane-d4	99.0	70-130		1/11/22 13:55
Toluene-d8	104	70-130		1/11/22 13:55
4-Bromofluorobenzene	94.5	70-130		1/11/22 13:55

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Project Location: 63 Wst Merrick Rd., Lindenhurst, Sample Description: Work Order: 22A0349

Date Received: 1/10/2022

Field Sample #: TB-2 Sampled: 1/6/2022 07:05

Sample ID: 22A0349-19

Sample Matrix: Ground Water

Tentatively Identified Compounds - Volatile Compounds (ESTIMATED VALUES REPORTED)

Analyte	Results	Units	Response	RT	DF	CAS #	Q#	Method	Date Prepared	Date/Time Analyzed	Analyst
No TICs Found	0.0	µg/L			1			SW-846 8260D	1/11/22	1/11/22 13:55	MFF

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Sample Extraction Data

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

Lab Number [Field ID]	Batch	Initial [mL]	Final [mL]	Date
22A0349-14 [RW-1]	B298743	50.0	50.0	01/12/22
22A0349-15 [RW-2]	B298743	50.0	50.0	01/12/22
22A0349-16 [MW-A]	B298743	50.0	50.0	01/12/22

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

Lab Number [Field ID]	Batch	Initial [mL]	Final [mL]	Date
22A0349-14 [RW-1]	B298763	10.0	10.0	01/14/22
22A0349-15 [RW-2]	B298763	10.0	10.0	01/14/22
22A0349-16 [MW-A]	B298763	10.0	10.0	01/14/22

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

Lab Number [Field ID]	Batch	Initial [mL]	Final [mL]	Date
22A0349-01 [MW-2S]	B298650	5	5.00	01/11/22
22A0349-02 [MW-4D]	B298650	2.5	5.00	01/11/22
22A0349-03 [MW-5S]	B298650	5	5.00	01/11/22
22A0349-04 [MW-101]	B298650	5	5.00	01/11/22
22A0349-05 [MW-102]	B298650	5	5.00	01/11/22
22A0349-06 [MW-103]	B298650	5	5.00	01/11/22
22A0349-07 [MW-104]	B298650	5	5.00	01/11/22
22A0349-08 [MW-105]	B298650	5	5.00	01/11/22
22A0349-09 [MW-106]	B298650	5	5.00	01/11/22
22A0349-10 [MW-107]	B298650	5	5.00	01/11/22
22A0349-11 [MW-108]	B298650	5	5.00	01/11/22
22A0349-12 [MW-109]	B298650	5	5.00	01/11/22
22A0349-13 [MW-111]	B298650	5	5.00	01/11/22
22A0349-14 [RW-1]	B298650	5	5.00	01/11/22
22A0349-15 [RW-2]	B298650	1	5.00	01/11/22
22A0349-16 [MW-A]	B298650	1	5.00	01/11/22
22A0349-17 [MW-B]	B298650	5	5.00	01/11/22
22A0349-18 [TB-1]	B298650	5	5.00	01/11/22
22A0349-19 [TB-2]	B298650	5	5.00	01/11/22

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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 B298650 - SW-846 5030B										
Blank (B298650-BLK1)				Prepared & Analyzed: 01/11/22						
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							
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							

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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 B298650 - SW-846 5030B											
Blank (B298650-BLK1)				Prepared & Analyzed: 01/11/22							
Methyl tert-Butyl Ether (MTBE)	ND	1.0	µg/L								
Methyl Cyclohexane	ND	1.0	µg/L								
Methylene Chloride	ND	5.0	µg/L								
4-Methyl-2-pentanone (MIBK)	ND	10	µg/L								
Naphthalene	ND	2.0	µg/L							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							V-05, L-04	
1,2,4-Trichlorobenzene	ND	1.0	µg/L							V-05	
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							R-05	
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	*24.6*		µg/L	25.0		98.5	70-130				
Surrogate: Toluene-d8	*25.1*		µg/L	25.0		101	70-130				
Surrogate: 4-Bromofluorobenzene	*24.4*		µg/L	25.0		97.6	70-130				
LCS (B298650-BS1)				Prepared & Analyzed: 01/11/22							
Acetone	83.5	50	µg/L	100		83.5	70-160				†
Acrylonitrile	8.36	5.0	µg/L	10.0		83.6	70-130				
tert-Amyl Methyl Ether (TAME)	11.0	0.50	µg/L	10.0		110	70-130				
Benzene	10.6	1.0	µg/L	10.0		106	70-130				
Bromobenzene	9.73	1.0	µg/L	10.0		97.3	70-130				
Bromochloromethane	11.2	1.0	µg/L	10.0		112	70-130				
Bromodichloromethane	10.3	0.50	µg/L	10.0		103	70-130				
Bromoform	8.95	1.0	µg/L	10.0		89.5	70-130				
Bromomethane	13.0	2.0	µg/L	10.0		130	40-160			V-20	†
2-Butanone (MEK)	77.0	20	µg/L	100		77.0	40-160				†
tert-Butyl Alcohol (TBA)	76.2	20	µg/L	100		76.2	40-160				†
n-Butylbenzene	8.61	1.0	µg/L	10.0		86.1	70-130				
sec-Butylbenzene	9.81	1.0	µg/L	10.0		98.1	70-130				
tert-Butylbenzene	10.1	1.0	µg/L	10.0		101	70-130				
tert-Butyl Ethyl Ether (TBEE)	10.6	0.50	µg/L	10.0		106	70-130				
Carbon Disulfide	100	5.0	µg/L	100		100	70-130				
Carbon Tetrachloride	9.94	5.0	µg/L	10.0		99.4	70-130				
Chlorobenzene	10.9	1.0	µg/L	10.0		109	70-130				
Chlorodibromomethane	9.92	0.50	µg/L	10.0		99.2	70-130				
Chloroethane	12.3	2.0	µg/L	10.0		123	70-130			V-20	
Chloroform	10.4	2.0	µg/L	10.0		104	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 B298650 - SW-846 5030B												
LCS (B298650-BS1)				Prepared & Analyzed: 01/11/22								
Chloromethane	11.3	2.0	µg/L	10.0		113		40-160				†
2-Chlorotoluene	9.94	1.0	µg/L	10.0		99.4		70-130				
4-Chlorotoluene	9.75	1.0	µg/L	10.0		97.5		70-130				
1,2-Dibromo-3-chloropropane (DBCP)	7.30	5.0	µg/L	10.0		73.0		70-130				
1,2-Dibromoethane (EDB)	9.46	0.50	µg/L	10.0		94.6		70-130				
Dibromomethane	9.83	1.0	µg/L	10.0		98.3		70-130				
1,2-Dichlorobenzene	10.4	1.0	µg/L	10.0		104		70-130				
1,3-Dichlorobenzene	10.4	1.0	µg/L	10.0		104		70-130				
1,4-Dichlorobenzene	9.90	1.0	µg/L	10.0		99.0		70-130				
trans-1,4-Dichloro-2-butene	9.10	2.0	µg/L	10.0		91.0		70-130				
Dichlorodifluoromethane (Freon 12)	9.78	2.0	µg/L	10.0		97.8		40-160				†
1,1-Dichloroethane	10.4	1.0	µg/L	10.0		104		70-130				
1,2-Dichloroethane	9.67	1.0	µg/L	10.0		96.7		70-130				
1,1-Dichloroethylene	10.6	1.0	µg/L	10.0		106		70-130				
cis-1,2-Dichloroethylene	10.5	1.0	µg/L	10.0		105		70-130				
trans-1,2-Dichloroethylene	10.2	1.0	µg/L	10.0		102		70-130				
1,2-Dichloropropane	10.1	1.0	µg/L	10.0		101		70-130				
1,3-Dichloropropane	9.77	0.50	µg/L	10.0		97.7		70-130				
2,2-Dichloropropane	10.2	1.0	µg/L	10.0		102		40-130				†
1,1-Dichloropropene	9.99	2.0	µg/L	10.0		99.9		70-130				
cis-1,3-Dichloropropene	10.6	0.50	µg/L	10.0		106		70-130				
trans-1,3-Dichloropropene	9.57	0.50	µg/L	10.0		95.7		70-130				
Diethyl Ether	10.6	2.0	µg/L	10.0		106		70-130				
Diisopropyl Ether (DIPE)	10.3	0.50	µg/L	10.0		103		70-130				
1,4-Dioxane	78.8	50	µg/L	100		78.8		40-130				†
Ethylbenzene	10.0	1.0	µg/L	10.0		100		70-130				
Hexachlorobutadiene	8.77	0.60	µg/L	10.0		87.7		70-130				
2-Hexanone (MBK)	70.4	10	µg/L	100		70.4		70-160				†
Isopropylbenzene (Cumene)	10.3	1.0	µg/L	10.0		103		70-130				
p-Isopropyltoluene (p-Cymene)	9.52	1.0	µg/L	10.0		95.2		70-130				
Methyl Acetate	8.41	1.0	µg/L	10.0		84.1		70-130				
Methyl tert-Butyl Ether (MTBE)	10.8	1.0	µg/L	10.0		108		70-130				
Methyl Cyclohexane	8.64	1.0	µg/L	10.0		86.4		70-130				
Methylene Chloride	11.0	5.0	µg/L	10.0		110		70-130				
4-Methyl-2-pentanone (MIBK)	78.5	10	µg/L	100		78.5		70-160				†
Naphthalene	4.76	2.0	µg/L	10.0		47.6		40-130			V-05	†
n-Propylbenzene	9.74	1.0	µg/L	10.0		97.4		70-130				
Styrene	10.6	1.0	µg/L	10.0		106		70-130				
1,1,1,2-Tetrachloroethane	10.3	1.0	µg/L	10.0		103		70-130				
1,1,2,2-Tetrachloroethane	9.30	0.50	µg/L	10.0		93.0		70-130				
Tetrachloroethylene	10.2	1.0	µg/L	10.0		102		70-130				
Tetrahydrofuran	8.58	10	µg/L	10.0		85.8		70-130			J	
Toluene	10.4	1.0	µg/L	10.0		104		70-130				
1,2,3-Trichlorobenzene	6.53	5.0	µg/L	10.0		**65.3**	*	70-130			L-04, V-05	
1,2,4-Trichlorobenzene	6.52	1.0	µg/L	10.0		**65.2**	*	70-130			L-07, V-05	
1,3,5-Trichlorobenzene	8.90	1.0	µg/L	10.0		89.0		70-130				
1,1,1-Trichloroethane	10.0	1.0	µg/L	10.0		100		70-130				
1,1,2-Trichloroethane	10.2	1.0	µg/L	10.0		102		70-130				
Trichloroethylene	10.2	1.0	µg/L	10.0		102		70-130				
Trichlorofluoromethane (Freon 11)	9.95	2.0	µg/L	10.0		99.5		70-130				
1,2,3-Trichloropropane	8.33	2.0	µg/L	10.0		83.3		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 B298650 - SW-846 5030B											
LCS (B298650-BS1)				Prepared & Analyzed: 01/11/22							
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	10.9	1.0	µg/L	10.0		109	70-130			R-05	
1,2,4-Trimethylbenzene	10.2	1.0	µg/L	10.0		102	70-130				
1,3,5-Trimethylbenzene	9.89	1.0	µg/L	10.0		98.9	70-130				
Vinyl Chloride	11.3	2.0	µg/L	10.0		113	40-160				†
m+p Xylene	20.3	2.0	µg/L	20.0		101	70-130				
o-Xylene	10.5	1.0	µg/L	10.0		105	70-130				
Surrogate: 1,2-Dichloroethane-d4	*24.4*		µg/L	25.0		97.6	70-130				
Surrogate: Toluene-d8	*25.9*		µg/L	25.0		104	70-130				
Surrogate: 4-Bromofluorobenzene	*24.6*		µg/L	25.0		98.2	70-130				
LCS Dup (B298650-BSD1)				Prepared & Analyzed: 01/11/22							
Acetone	94.4	50	µg/L	100		94.4	70-160	12.3	25		†
Acrylonitrile	9.34	5.0	µg/L	10.0		93.4	70-130	11.1	25		
tert-Amyl Methyl Ether (TAME)	11.1	0.50	µg/L	10.0		111	70-130	0.362	25		
Benzene	9.87	1.0	µg/L	10.0		98.7	70-130	7.32	25		
Bromobenzene	9.28	1.0	µg/L	10.0		92.8	70-130	4.73	25		
Bromochloromethane	10.3	1.0	µg/L	10.0		103	70-130	8.29	25		
Bromodichloromethane	9.85	0.50	µg/L	10.0		98.5	70-130	4.66	25		
Bromoform	9.23	1.0	µg/L	10.0		92.3	70-130	3.08	25		
Bromomethane	11.8	2.0	µg/L	10.0		118	40-160	9.27	25	V-20	†
2-Butanone (MEK)	88.9	20	µg/L	100		88.9	40-160	14.4	25		†
tert-Butyl Alcohol (TBA)	92.4	20	µg/L	100		92.4	40-160	19.3	25		†
n-Butylbenzene	7.63	1.0	µg/L	10.0		76.3	70-130	12.1	25		
sec-Butylbenzene	8.48	1.0	µg/L	10.0		84.8	70-130	14.5	25		
tert-Butylbenzene	8.92	1.0	µg/L	10.0		89.2	70-130	12.5	25		
tert-Butyl Ethyl Ether (TBEE)	10.2	0.50	µg/L	10.0		102	70-130	4.34	25		
Carbon Disulfide	85.3	5.0	µg/L	100		85.3	70-130	16.1	25		
Carbon Tetrachloride	8.28	5.0	µg/L	10.0		82.8	70-130	18.2	25		
Chlorobenzene	10.1	1.0	µg/L	10.0		101	70-130	7.24	25		
Chlorodibromomethane	9.88	0.50	µg/L	10.0		98.8	70-130	0.404	25		
Chloroethane	11.6	2.0	µg/L	10.0		116	70-130	6.35	25	V-20	
Chloroform	9.82	2.0	µg/L	10.0		98.2	70-130	6.12	25		
Chloromethane	10.7	2.0	µg/L	10.0		107	40-160	5.82	25		†
2-Chlorotoluene	9.33	1.0	µg/L	10.0		93.3	70-130	6.33	25		
4-Chlorotoluene	9.05	1.0	µg/L	10.0		90.5	70-130	7.45	25		
1,2-Dibromo-3-chloropropane (DBCP)	8.24	5.0	µg/L	10.0		82.4	70-130	12.1	25		
1,2-Dibromoethane (EDB)	9.65	0.50	µg/L	10.0		96.5	70-130	1.99	25		
Dibromomethane	9.83	1.0	µg/L	10.0		98.3	70-130	0.00	25		
1,2-Dichlorobenzene	10.0	1.0	µg/L	10.0		100	70-130	3.91	25		
1,3-Dichlorobenzene	9.90	1.0	µg/L	10.0		99.0	70-130	5.31	25		
1,4-Dichlorobenzene	9.44	1.0	µg/L	10.0		94.4	70-130	4.76	25		
trans-1,4-Dichloro-2-butene	9.68	2.0	µg/L	10.0		96.8	70-130	6.18	25		
Dichlorodifluoromethane (Freon 12)	7.71	2.0	µg/L	10.0		77.1	40-160	23.7	25		†
1,1-Dichloroethane	9.59	1.0	µg/L	10.0		95.9	70-130	8.01	25		
1,2-Dichloroethane	9.49	1.0	µg/L	10.0		94.9	70-130	1.88	25		
1,1-Dichloroethylene	8.92	1.0	µg/L	10.0		89.2	70-130	17.7	25		
cis-1,2-Dichloroethylene	9.89	1.0	µg/L	10.0		98.9	70-130	6.08	25		
trans-1,2-Dichloroethylene	9.25	1.0	µg/L	10.0		92.5	70-130	9.96	25		
1,2-Dichloropropane	9.87	1.0	µg/L	10.0		98.7	70-130	2.60	25		
1,3-Dichloropropane	9.93	0.50	µg/L	10.0		99.3	70-130	1.62	25		
2,2-Dichloropropane	8.99	1.0	µg/L	10.0		89.9	40-130	12.1	25		†
1,1-Dichloropropene	8.34	2.0	µg/L	10.0		83.4	70-130	18.0	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 B298650 - SW-846 5030B													
LCS Dup (B298650-BSD1)				Prepared & Analyzed: 01/11/22									
cis-1,3-Dichloropropene	10.2	0.50	µg/L	10.0		102		70-130	2.88		25		
trans-1,3-Dichloropropene	9.69	0.50	µg/L	10.0		96.9		70-130	1.25		25		
Diethyl Ether	10.5	2.0	µg/L	10.0		105		70-130	0.951		25		
Diisopropyl Ether (DIPE)	9.73	0.50	µg/L	10.0		97.3		70-130	5.89		25		
1,4-Dioxane	88.3	50	µg/L	100		88.3		40-130	11.3		50		† ‡
Ethylbenzene	9.12	1.0	µg/L	10.0		91.2		70-130	9.30		25		
Hexachlorobutadiene	7.88	0.60	µg/L	10.0		78.8		70-130	10.7		25		
2-Hexanone (MBK)	84.3	10	µg/L	100		84.3		70-160	18.0		25		†
Isopropylbenzene (Cumene)	9.02	1.0	µg/L	10.0		90.2		70-130	13.4		25		
p-Isopropyltoluene (p-Cymene)	8.67	1.0	µg/L	10.0		86.7		70-130	9.35		25		
Methyl Acetate	9.15	1.0	µg/L	10.0		91.5		70-130	8.43		25		
Methyl tert-Butyl Ether (MTBE)	10.9	1.0	µg/L	10.0		109		70-130	1.01		25		
Methyl Cyclohexane	6.67	1.0	µg/L	10.0		**66.7**	*	70-130	**25.7**	*	25	L-07	
Methylene Chloride	10.5	5.0	µg/L	10.0		105		70-130	4.65		25		
4-Methyl-2-pentanone (MIBK)	90.4	10	µg/L	100		90.4		70-160	14.1		25		†
Naphthalene	5.74	2.0	µg/L	10.0		57.4		40-130	18.7		25	V-05	†
n-Propylbenzene	8.64	1.0	µg/L	10.0		86.4		70-130	12.0		25		
Styrene	10.3	1.0	µg/L	10.0		103		70-130	2.49		25		
1,1,1,2-Tetrachloroethane	9.91	1.0	µg/L	10.0		99.1		70-130	3.76		25		
1,1,2,2-Tetrachloroethane	9.87	0.50	µg/L	10.0		98.7		70-130	5.95		25		
Tetrachloroethylene	8.51	1.0	µg/L	10.0		85.1		70-130	18.2		25		
Tetrahydrofuran	10.1	10	µg/L	10.0		101		70-130	15.9		25		
Toluene	9.60	1.0	µg/L	10.0		96.0		70-130	8.00		25		
1,2,3-Trichlorobenzene	6.99	5.0	µg/L	10.0		**69.9**	*	70-130	6.80		25	L-04, V-05	
1,2,4-Trichlorobenzene	7.07	1.0	µg/L	10.0		70.7		70-130	8.09		25	V-05	
1,3,5-Trichlorobenzene	8.09	1.0	µg/L	10.0		80.9		70-130	9.54		25		
1,1,1-Trichloroethane	8.82	1.0	µg/L	10.0		88.2		70-130	12.6		25		
1,1,2-Trichloroethane	10.2	1.0	µg/L	10.0		102		70-130	0.0977		25		
Trichloroethylene	9.39	1.0	µg/L	10.0		93.9		70-130	8.76		25		
Trichlorofluoromethane (Freon 11)	7.90	2.0	µg/L	10.0		79.0		70-130	23.0		25		
1,2,3-Trichloropropane	9.04	2.0	µg/L	10.0		90.4		70-130	8.18		25		
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	8.28	1.0	µg/L	10.0		82.8		70-130	**27.6**	*	25	R-05	
1,2,4-Trimethylbenzene	9.45	1.0	µg/L	10.0		94.5		70-130	7.83		25		
1,3,5-Trimethylbenzene	8.97	1.0	µg/L	10.0		89.7		70-130	9.76		25		
Vinyl Chloride	9.68	2.0	µg/L	10.0		96.8		40-160	15.4		25		†
m+p Xylene	18.6	2.0	µg/L	20.0		92.8		70-130	8.76		25		
o-Xylene	9.78	1.0	µg/L	10.0		97.8		70-130	6.91		25		
Surrogate: 1,2-Dichloroethane-d4	*24.7*		µg/L	25.0		98.8		70-130					
Surrogate: Toluene-d8	*26.0*		µg/L	25.0		104		70-130					
Surrogate: 4-Bromofluorobenzene	*24.4*		µg/L	25.0		97.5		70-130					

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QUALITY CONTROL

Tentatively Identified Compounds - Volatile Compounds (ESTIMATED VALUES REPORTED) - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch B298650 - SW-846 5030B										
Blank (B298650-BLK1)				Prepared & Analyzed: 01/11/22						
Tentatively Identified Compounds	0.0		µg/L							
No TICs Found	0.0		µg/L							

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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
Batch B298743 - SW-846 3005A										
Blank (B298743-BLK1)				Prepared & Analyzed: 01/12/22						
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	ND	0.010	mg/L							
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							
LCS (B298743-BS1)				Prepared & Analyzed: 01/12/22						
Aluminum	0.491	0.050	mg/L	0.500		98.1	80-120			
Antimony	0.485	0.050	mg/L	0.500		97.1	80-120			
Arsenic	0.459	0.010	mg/L	0.500		91.8	80-120			
Barium	0.496	0.050	mg/L	0.500		99.2	80-120			
Beryllium	0.493	0.0040	mg/L	0.500		98.7	80-120			
Cadmium	0.491	0.0040	mg/L	0.500		98.2	80-120			
Calcium	4.04	0.50	mg/L	4.00		101	80-120			
Chromium	0.481	0.010	mg/L	0.500		96.2	80-120			
Cobalt	0.487	0.010	mg/L	0.500		97.3	80-120			
Copper	0.962	0.010	mg/L	1.00		96.2	80-120			
Iron	4.00	0.050	mg/L	4.00		100	80-120			
Lead	0.484	0.010	mg/L	0.500		96.8	80-120			
Magnesium	3.83	0.050	mg/L	4.00		95.8	80-120			
Manganese	0.499	0.010	mg/L	0.500		99.8	80-120			
Nickel	0.492	0.010	mg/L	0.500		98.4	82.1-117.7			
Potassium	3.71	2.0	mg/L	4.00		92.8	80-120			
Selenium	0.454	0.050	mg/L	0.500		90.8	80-120			
Silver	0.496	0.010	mg/L	0.500		99.2	80-120			
Sodium	3.75	2.0	mg/L	4.00		93.8	80-120			
Thallium	0.514	0.050	mg/L	0.500		103	80-120			
Vanadium	0.482	0.010	mg/L	0.500		96.3	80-120			
Zinc	0.988	0.010	mg/L	1.00		98.8	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
Batch B298743 - SW-846 3005A										
LCS Dup (B298743-BSD1)				Prepared & Analyzed: 01/12/22						
Aluminum	0.516	0.050	mg/L	0.500		103	80-120	5.02	20	
Antimony	0.502	0.050	mg/L	0.500		100	80-120	3.40	20	
Arsenic	0.477	0.010	mg/L	0.500		95.4	80-120	3.86	20	
Barium	0.522	0.050	mg/L	0.500		104	80-120	5.03	20	
Beryllium	0.514	0.0040	mg/L	0.500		103	80-120	4.03	20	
Cadmium	0.516	0.0040	mg/L	0.500		103	80-120	5.00	20	
Calcium	4.21	0.50	mg/L	4.00		105	80-120	4.07	20	
Chromium	0.508	0.010	mg/L	0.500		102	80-120	5.43	20	
Cobalt	0.511	0.010	mg/L	0.500		102	80-120	4.95	20	
Copper	1.02	0.010	mg/L	1.00		102	80-120	5.69	20	
Iron	4.20	0.050	mg/L	4.00		105	80-120	4.94	20	
Lead	0.492	0.010	mg/L	0.500		98.3	80-120	1.59	20	
Magnesium	4.00	0.050	mg/L	4.00		100	80-120	4.40	20	
Manganese	0.522	0.010	mg/L	0.500		104	80-120	4.43	20	
Nickel	0.517	0.010	mg/L	0.500		103	82.1-117.7	5.02	30	
Potassium	3.96	2.0	mg/L	4.00		99.1	80-120	6.57	20	
Selenium	0.481	0.050	mg/L	0.500		96.2	80-120	5.79	20	
Silver	0.519	0.010	mg/L	0.500		104	80-120	4.48	20	
Sodium	3.95	2.0	mg/L	4.00		98.7	80-120	5.08	20	
Thallium	0.523	0.050	mg/L	0.500		105	80-120	1.68	20	
Vanadium	0.513	0.010	mg/L	0.500		103	80-120	6.21	20	
Zinc	1.03	0.010	mg/L	1.00		103	80-120	4.18	20	
Duplicate (B298743-DUP1)	**Source: 22A0349-16**			Prepared & Analyzed: 01/12/22						
Aluminum	ND	0.050	mg/L		ND			NC	20	
Antimony	ND	0.050	mg/L		ND			NC	20	
Arsenic	ND	0.010	mg/L		ND			NC	20	
Barium	0.0244	0.050	mg/L		0.0239			1.93	20	J
Beryllium	ND	0.0040	mg/L		ND			NC	20	
Cadmium	ND	0.0040	mg/L		ND			NC	20	
Calcium	66.4	0.50	mg/L		64.8			2.43	20	
Chromium	ND	0.010	mg/L		ND			NC	20	
Cobalt	ND	0.010	mg/L		ND			NC	20	
Copper	ND	0.010	mg/L		ND			NC	20	
Iron	4.73	0.050	mg/L		4.63			2.03	20	
Lead	ND	0.010	mg/L		ND			NC	20	
Magnesium	111	0.050	mg/L		109			1.83	20	
Manganese	0.227	0.010	mg/L		0.221			2.59	20	
Nickel	ND	0.010	mg/L		ND			NC	20	
Potassium	43.0	2.0	mg/L		40.3			6.48	20	
Selenium	ND	0.050	mg/L		ND			NC	20	
Silver	ND	0.010	mg/L		ND			NC	20	
Sodium	942	20	mg/L		840			11.4	20	
Thallium	ND	0.050	mg/L		ND			NC	20	
Vanadium	0.0164	0.010	mg/L		0.0169			2.59	20	
Zinc	0.00428	0.010	mg/L		ND			NC	20	J

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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
Batch B298743 - SW-846 3005A											
Matrix Spike (B298743-MS1)		**Source: 22A0349-16**		Prepared & Analyzed: 01/12/22							
Aluminum	0.526	0.050	mg/L	0.500	ND	105		75-125			
Antimony	0.553	0.050	mg/L	0.500	ND	111		75-125			
Arsenic	0.528	0.010	mg/L	0.500	ND	106		75-125			
Barium	0.553	0.050	mg/L	0.500	0.0239	106		75-125			
Beryllium	0.521	0.0040	mg/L	0.500	ND	104		75-125			
Cadmium	0.560	0.0040	mg/L	0.500	ND	112		75-125			
Calcium	70.0	0.50	mg/L	4.00	64.8	**130**	*	75-125			MS-19
Chromium	0.526	0.010	mg/L	0.500	ND	105		75-125			
Cobalt	0.516	0.010	mg/L	0.500	ND	103		75-125			
Copper	1.12	0.010	mg/L	1.00	ND	112		75-125			
Iron	8.90	0.050	mg/L	4.00	4.63	107		75-125			
Lead	0.497	0.010	mg/L	0.500	ND	99.4		75-125			
Magnesium	113	0.050	mg/L	4.00	109	100		75-125			
Manganese	0.742	0.010	mg/L	0.500	0.221	104		75-125			
Nickel	0.521	0.010	mg/L	0.500	ND	104		75-125			
Potassium	46.8	2.0	mg/L	4.00	40.3	**162**	*	75-125			MS-19
Selenium	0.528	0.050	mg/L	0.500	ND	106		75-125			
Silver	0.568	0.010	mg/L	0.500	ND	114		75-125			
Sodium	898	20	mg/L	4.00	840	**1460**	*	75-125			MS-19
Thallium	0.579	0.050	mg/L	0.500	ND	116		75-125			
Vanadium	0.555	0.010	mg/L	0.500	0.0169	108		75-125			
Zinc	1.08	0.010	mg/L	1.00	ND	108		75-125			
Batch B298763 - SW-846 7470A Prep											
Blank (B298763-BLK1)				Prepared: 01/14/22 Analyzed: 01/17/22							
Mercury	ND	0.00010	mg/L								
LCS (B298763-BS1)				Prepared: 01/14/22 Analyzed: 01/17/22							
Mercury	0.00397	0.00010	mg/L	0.00402		98.8		80-120			
LCS Dup (B298763-BSD1)				Prepared: 01/14/22 Analyzed: 01/17/22							
Mercury	0.00402	0.00010	mg/L	0.00402		100		80-120	1.17	20	
Duplicate (B298763-DUP1)		**Source: 22A0349-14**		Prepared: 01/14/22 Analyzed: 01/17/22							
Mercury	ND	0.00010	mg/L		ND				NC	20	
Matrix Spike (B298763-MS1)		**Source: 22A0349-14**		Prepared: 01/14/22 Analyzed: 01/17/22							
Mercury	0.00370	0.00010	mg/L	0.00402	ND	92.1		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.
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-04	Laboratory fortified blank/laboratory control sample recovery and duplicate recovery are outside of control limits. Reported value for this compound is likely to be biased on the low side.
L-07	Either laboratory fortified blank/laboratory control sample or duplicate recovery is outside of control limits, but the other is within limits. RPD between the two LFB/LCS results is within method specified criteria.
MS-19	Sample to spike ratio is greater than or equal to 4:1. Spiked amount is not representative of the native amount in the sample. Appropriate or meaningful recoveries cannot be calculated.
R-05	Laboratory fortified blank duplicate RPD is outside of control limits. Reduced precision is anticipated for any reported value for this compound.
RL-12	Elevated reporting limit due to matrix interference.
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
SW-846 6010D in Water	
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
SW-846 7470A in Water	
Mercury	CT,NH,NY,NC,ME,VA
SW-846 8260D in Water	
Acetone	CT,ME,NH,VA,NY
Acrylonitrile	CT,ME,NH,VA,NY
tert-Amyl Methyl Ether (TAME)	ME,NH,VA,NY
Benzene	CT,ME,NH,VA,NY
Bromobenzene	ME,NY
Bromochloromethane	ME,NH,VA,NY
Bromodichloromethane	CT,ME,NH,VA,NY
Bromoform	CT,ME,NH,VA,NY
Bromomethane	CT,ME,NH,VA,NY
2-Butanone (MEK)	CT,ME,NH,VA,NY
tert-Butyl Alcohol (TBA)	ME,NH,VA,NY
n-Butylbenzene	ME,VA,NY
sec-Butylbenzene	ME,VA,NY
tert-Butylbenzene	ME,VA,NY
tert-Butyl Ethyl Ether (TBEE)	ME,NH,VA,NY
Carbon Disulfide	CT,ME,NH,VA,NY
Carbon Tetrachloride	CT,ME,NH,VA,NY
Chlorobenzene	CT,ME,NH,VA,NY
Chlorodibromomethane	CT,ME,NH,VA,NY
Chloroethane	CT,ME,NH,VA,NY
Chloroform	CT,ME,NH,VA,NY

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CERTIFICATIONS

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Analyte	Certifications
SW-846 8260D in Water	
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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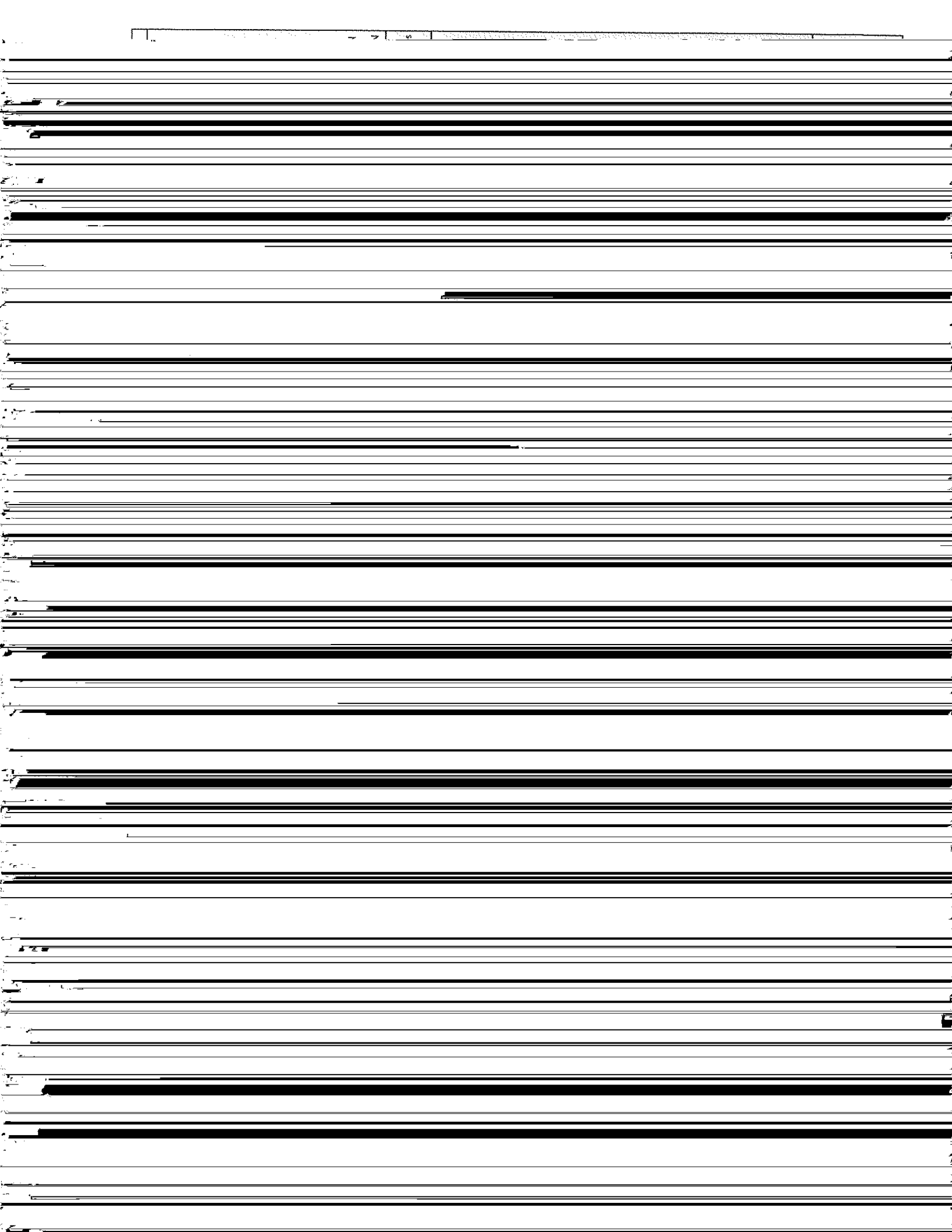
CERTIFICATIONS

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
AIHA	AIHA-LAP, LLC - ISO17025:2017	100033	03/1/2024
MA	Massachusetts DEP	M-MA100	06/30/2022
CT	Connecticut Department of Publilc Health	PH-0165	12/31/2022
NY	New York State Department of Health	10899 NELAP	04/1/2022
NH-S	New Hampshire Environmental Lab	2516 NELAP	02/5/2022
RI	Rhode Island Department of Health	LAO00373	12/30/2022
NC	North Carolina Div. of Water Quality	652	12/31/2022
NJ	New Jersey DEP	MA007 NELAP	06/30/2022
FL	Florida Department of Health	E871027 NELAP	06/30/2022
VT	Vermont Department of Health Lead Laboratory	LL720741	07/30/2022
ME	State of Maine	MA00100	06/9/2023
VA	Commonwealth of Virginia	460217	12/14/2022
NH-P	New Hampshire Environmental Lab	2557 NELAP	09/6/2022
VT-DW	Vermont Department of Health Drinking Water	VT-255716	06/12/2022
NC-DW	North Carolina Department of Health	25703	07/31/2022
PA	Commonwealth of Pennsylvania DEP	68-05812	06/30/2022
MI	Dept. of Env, Great Lakes, and Energy	9100	09/6/2022



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Pace Analytical®

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

Company Name: HRP Assoc., Inc.
Address: 197 Scott Swamp Rd., Farmington, CT
Phone: 860-674-9570
Project Name: DEC-Lindenhurst, NY
Project Location: 63 West Merrick Rd., Lindenhurst, NY
Project Number: DEC10040M
Project Manager: David Feinson
Pace Quote Name/Number:
Invoice Recipient:
Sampled By: KG, DJA, CJL

Requested Turnaround Time
7-Day ☐ 10-Day ☐
PFAS 10-Day (std) ☐ Due Date: 5-day

Rush-Approval Required
1-Day ☐ 3-Day ☐
2-Day ☐ 4-Day ☐

Dissolved Metals Samples
○ Field Filtered
○ Lab to Filter

Orthophosphate Samples
○ Field Filtered
○ Lab to Filter

Data Delivery
Format: PDF ☐ EXCEL ☐
Other:
CLP Like Data Pkg Required: ☐
Email To: EDD@hrpassociates.com
Fax To #:

PCB ONLY
SOXHLET ☐
NON SOXHLET ☐

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	VOCs-8260 (H)	TAL Metals (N)
11	MW-108	1-5-22	12:04	G	GW	U	2					X	
12	MW-109	1-6-22	10:45	↓	↓	↓	↓					↓	
13	MW-111	1-6-22	10:18	↓	↓	↓	↓					↓	
14	RW-1	1-5-22	10:55	↓	↓	↓	↓		1			↓	X
15	RW-2	1-6-22	11:19	↓	↓	↓	↓		1			↓	X
16	MW-A	1-6-22	11:20	↓	↓	↓	↓		1			↓	X
17	MW-B	1-5-22	12:09	↓	↓	↓	↓					↓	
18	TB-1	1-5-22	7:00A	↓	↓	C	↓					↓	
19	TB-2	1-6-22	7:05A	↓	↓	C	↓					↓	

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/Received	Date/Time
Relinquished by: (signature) [signature]	1/10/22 1:20 PM
Received by: (signature) [signature]	1/10/22 1:20 PM
Relinquished by: (signature) [signature]	1/10/22 4:45 PM
Received by: (signature) [signature] 2.0	1/10/22 1645
Relinquished by: (signature)	Date/Time:
Received by: (signature)	Date/Time:
Relinquished by: (signature)	Date/Time:
Received by: (signature)	Date/Time:

Client Comments: Bill to NYDEC - DEC-Lindenhurst 63 Site # 152125
NYDEC Cat "B" Deliverables, NYDEC - PM: Payson Long

Detection Limit Requirements
MA
CT
Other:

Special Requirements
☐ MA MCP Required
MCP Certification Form Required
☐ CT RCP Required
RCP Certification Form Required
☐ MA State DW Required
PWSID #

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 AIHA-LAP, LLC Accredited

Project Entity
Government ☐ Municipality ☐ MWRA ☐ WRTA ☐
Federal ☐ 21 J ☐ School ☐
City ☐ Brownfield ☐ MBTA ☐

Other
☐ Chromatogram
☐ AIHA-LAP,LLC

Lab Comments:

I Have Not Confirmed Sample Container Numbers With Lab Staff Before Relinquishing Over Samples_____

con-test® ANALYTICAL LABORATORY

Doc# 277 Rev 5 2017

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

Client HRP

Received By RG Date 1/10/20 Time 1045

How were the samples received? In Cooler T No Cooler ____ On Ice T No Ice ____ Direct from Sampling ____ Ambient ____ Melted Ice ____

Were samples within Temperature? 2-6°C T By Gun # 3 Actual Temp - 2°C By Blank # ____ Actual Temp - ____

Was Custody Seal Intact? NA Were Samples Tampered with? NA

Was COC Relinquished ? T Does Chain Agree With Samples? T

Are there broken/leaking/loose caps on any samples? F

Is COC in ink/ Legible? T Were samples received within holding time? T

Did COC include all pertinent Information? Client T Project T Analysis T ID's T Sampler Name T Collection Dates/Times T

Are Sample labels filled out and legible? T

Are there Lab to Filters? F Who was notified? ____

Are there Rushes? F Who was notified? ____

Are there Short Holds? F Who was notified? ____

Is there enough Volume? T

Is there Headspace where applicable? F MS/MSD? F

Proper Media/Containers Used? T Is splitting samples required? F

Were trip blanks received? T On COC? T

Do all samples have the proper pH? Acid T Base NA

Vials	#	Containers:	#		#		#
Unp-		1 Liter Amb.		1 Liter Plastic		16 oz Amb.	
HCL-	3	500 mL Amb.		500 mL Plastic		8oz Amb/Clear	
Meoh-		250 mL Amb.		250 mL Plastic	2	4oz Amb/Clear	
Bisulfate-		Flashpoint		Col./Bacteria		2oz Amb/Clear	
DI-		Other Glass		Other Plastic		Encore	
Thiosulfate-		SOC Kit		Plastic Bag		Frozen:	
Sulfuric-		Perchlorate		Ziplock			

Unused Media

Vials	#	Containers:	#		#		#
Unp-		1 Liter Amb.		1 Liter Plastic		16 oz Amb.	
HCL-		500 mL Amb.		500 mL Plastic		8oz Amb/Clear	
Meoh-		250 mL Amb.		250 mL Plastic		4oz Amb/Clear	
Bisulfate-		Col./Bacteria		Flashpoint		2oz Amb/Clear	
DI-		Other Plastic		Other Glass		Encore	
Thiosulfate-		SOC Kit		Plastic Bag		Frozen:	
Sulfuric-		Perchlorate		Ziplock			

Comments: