



QUARTERLY OPERATION AND MAINTENANCE REPORT – SECOND QUARTER 2021

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: August 3, 2021



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General Information

Project/Site Information:

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

Consultant Information:

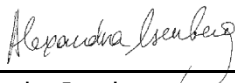
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Project Number: DEC1004.OM

Client Information:

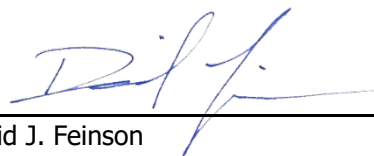
New York State Department of
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625 Broadway
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Report Date: 8/3/2021

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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 second quarter of 2021 (April through June 2021). 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);
- 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 0.78 (in MW-109) to 9.58 (in RW-1) feet below ground surface, as measured during the April 2021 groundwater sampling event. Groundwater flows predominantly to the south.

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 second quarter of 2021.

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 April 27-28, May 25-26, and June 8, 2021, HRP performed routine maintenance and grounds-keeping activities, including mowing the lawn. Grass was also cut on June 30, concurrently with the fire inspection activities.

Monthly inspections of fire extinguisher and emergency lighting and exit sign tests were performed on April 28, May 25, and June 30, 2021. Emergency lighting passed the monthly tests. The following issue were identified:

- Exterior junction box covers were missing;
- Outlet with flow meter plugs were missing cover;
- Outlet by phone line cover was broken.

The identified issues were addressed during the June inspection, when four outlets were replaced.

Non-Routine Maintenance

On June 30, 2021, three on-site drums were sampled by ENP Environmental, Inc. Two samples (composite drum water and composite solid sample) were collected and analyzed for volatile organic compounds (VOCs), total metals, and polychlorinated biphenyls (PCBs).

No detections above the laboratory detection limits were identified in the water samples. PCBs and VOCs were not detected in the solid sample; the following metals were detected in the solid samples:

- Arsenic 2.89 mg/kg
- Barium 495 mg/kg
- Cadmium 3.69 mg/kg
- Chromium 204 mg/kg
- Lead 154 mg/kg
- Silver 101 mg/kg

Drum sampling analytical results are provided in **Appendix C**. Drum disposal activities are being coordinated and anticipated to be completed during the third quarter of 2021.

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**.

Table 1: Groundwater Sampling Requirements and Schedule

Sampling Location	Sampling Frequency			Analytical Parameters
	Monthly	Quarterly	Semi-Annual	VOC (EPA Method 8260)
MW-101			X	X
MW-102			X	X
MW-103		X		X
MW-104		X		X
MW-105		X		X
MW-106		X		X
MW-107		X		X
MW-108			X	X
MW-109			X	X
MW-111			X	X
MW-2S		X		X
MW-4D		X		X
MW-5S		X		X
RW-1		X		X
RW-2		X		X

4.1 Groundwater Sampling

On April 27, 2021, HRP conducted the quarterly groundwater sampling event. Groundwater samples were collected from each monitoring well and submitted to a State-certified laboratory, Eurofins/TestAmerica, and analyzed for VOCs via the EPA 8260 method and metals via EPA 6010 method. The analytical results are summarized in Tables 2 and 3 below.

Table 2: 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 Q1	2021 Q2	2021 Q1	2021 Q2	2021 Q1	2021 Q2	2021 Q1	2021 Q2
MW-4D (on-site)	29	16	4.2	7.5	1.3	13	<1	2.6
MW-5S (on-site)	<1	0.35	<1	<1	<1	<1	<1	<1
MW-101 (on-site)	1.2	NS	0.7	NS	<1	NS	<1	NS
MW-102 (on-site)	2.2	NS	0.45	NS	<1	NS	<1	NS
MW-103 (on-site)	2.7	3.3	0.61	0.33	<1	<1	<1	<1
MW-104 (on-site)	31	28	3.2	3.7	0.34	0.38	<1	<1
MW-105 (on-site)	2.2	4.9	0.5	<1	280	5.0	17	0.58
MW-105 Dup (MW-B)	1.8	4.9	0.48	<1	360	4.8	22	0.65
MW-106 (on-site)	13	16	5.4	4.8	7.0	1.8	0.64	<1
MW-107 (on-site)	4.2	2.1	0.84	0.88	0.3	0.32	<1	<1
MW-108 (on-site)	9.8	NS	0.64	NS	<1	NS	<1	NS
RW-1 (on-site)	0.43	<1	<1	<1	<1	<1	<1	<1
MW-2S (off-site)	2.9	0.85	<1	<1	0.9	3.9	<1	0.87
MW-109 (off-site)	1.6	NS	2.5	NS	2.7	NS	<1	NS
MW-111 (off-site)	<1	NS	<1	NS	<1	NS	<1	NS
RW-2 (off-site)	<1	<1	<1	<1	<1	<1	<1	<1
RW-2 Dup (MW-A)	<1	<1	<1	<1	<1	<1	<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; µg/L = microgram per liter

Table 2 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, first 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 provided directly to NYSDEC by the contracted laboratory.

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 detection limits, except for PCE, which was detected below the Class GA 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 detection 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 concentrations below the Class GA Standards. Vinyl chloride was not detected above the laboratory detection limit.
- MW-105: The monitoring well is located near the southwestern corner of the treatment building and screened at 5 to 15 fbg. PCE, cis-1,2-DCE, and vinyl chloride were detected below the Class GA Standards. TCE was not detected above the laboratory detection limit.
- MW-106: The monitoring well is located in the southeastern corner 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 below the Class GA Standards. Vinyl chloride was not detected above the laboratory detection limits.
- MW-107: The monitoring well is located in the southern portion 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 chloride was not detected above the laboratory detection limits.
- MW-108: The monitoring well is located in the southwestern corner of the Site and screened at 5 to 15 fbg. The well was not analyzed during this sampling event.
- 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 feet bgs. The well was not analyzed during this sampling event.
- MW-111: The monitoring well is located on Lane Street, approximately 500 feet to the southwest of the Site, and screened at 25-35 feet bgs. The well was not analyzed during this sampling event.
- RW-1: The 4-inch extraction well is located in the southwestern portion of the Site and screened at 10-35 feet bgs. None of the contaminants of concern were detected above the laboratory detection 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 feet bgs. None of the contaminants of concern were detected above the laboratory detection 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, cis-1,2-DCE, and vinyl chloride were detected below the Class GA Standards. TCE was not detected above the laboratory detection limit.

In addition, groundwater from recovery wells RW-1 and RW-2 was analyzed for metals. The results are presented in Table 3 below:

Table 3: 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 1/26/2021			Sampled 4/27/2021		
Aluminum, Total	ug/l	NE	< 200	< 200	< 200	< 200	< 200	< 200
Antimony	ug/l	3	6.2	(< 20.0)	(< 20.0)	6.8	(< 20.0)	(< 20.0)
Arsenic	ug/l	25	< 15.0	< 15.0	< 15.0	< 15.0	< 15.0	< 15.0
Barium	ug/l	1,000	28.1	33.3	36.7	20.6	18.2	17.8
Beryllium	ug/l	3	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0
Cadmium	ug/l	5	< 4.0	< 4.0	< 4.0	< 4.0	< 4.0	< 4.0
Calcium	ug/l	NE	22,200	76,500	85,900	24,000	38,000	38,000
Chromium, Total	ug/l	50	< 10.0	< 10.0	< 10.0	< 10.0	< 10.0	< 10.0
Cobalt	ug/l	NE	< 50.0	< 50.0	< 50.0	< 50.0	< 50.0	< 50.0
Copper	ug/l	200	6.9	< 25.0	< 25.0	< 25.0	< 25.0	< 25.0
Iron	ug/l	300	4,950	3,130	3,180	< 150	3,040	2,820
Lead	ug/l	25	2.6	< 10.0	< 10.0	2.5	< 10.0	< 10.0
Magnesium	ug/l	35,000	3,720	111,000	125,000	3,820	50,100	50,300
Manganese	ug/l	300	1,510	285	320	1,660	88.8	89.0
Mercury	ug/l	0.7	< 0.20	< 0.20	< 0.20	< 0.20	< 0.20	< 0.20
Nickel	ug/l	100	< 40.0	< 40.0	< 40.0	< 40.0	< 40.0	< 40.0
Potassium, Total	ug/l	NE	2,590	35,400	40,200	2,720	21,900	22,200
Selenium	ug/l	10	(< 20.0)	(< 20.0)	(< 20.0)	(< 20.0)	(< 20.0)	(< 20.0)
Silver	ug/l	50	< 10.0	< 10.0	< 10.0	< 10.0	< 10.0	< 10.0
Sodium, Total	ug/l	20,000	33,100	789,000	865,000	35,700	556,000	546,000
Thallium	ug/l	0.5	(< 20.0)	(< 20.0)	(< 20.0)	(< 20.0)	(< 20.0)	(< 20.0)
Vanadium	ug/l	NE	< 50.0	< 50.0	< 50.0	< 50.0	< 50.0	< 50.0
Zinc	ug/l	2,000	13.3	11.4	6.9	2.7	4.7	2.6

In addition to the constituents listed in the tables, the following contaminants were detected in the groundwater samples at concentrations below the Class GA Standards:

- **MW-4D:**
Acetone detected at 10 µg/L (Class GA Standards = 50 µg/L);
Trans-1,2-dichloroethene detected at 0.24 µg/L (Class GA Standards = 5 µg/L).

5.0 MAINTENANCE ISSUES AND RECOMMENDED SOLUTIONS

No maintenance issues were identified during the second quarter of 2021, except for those that have been corrected as discussed in **Section 3.2** above. Following removal of the air stripping towers, an area of stained asphalt was observed. The material causing the stain is unknown, but the quantity released appeared to have been less than 5-gallons. HRP contacted the NYSDEC project manager regarding the staining on July 30, 2021. The NYSDEC project manager confirmed that it was not necessary to call in a spill since the volume of the release was less than 5-gallons.

6.0 FUTURE ACTIVITIES

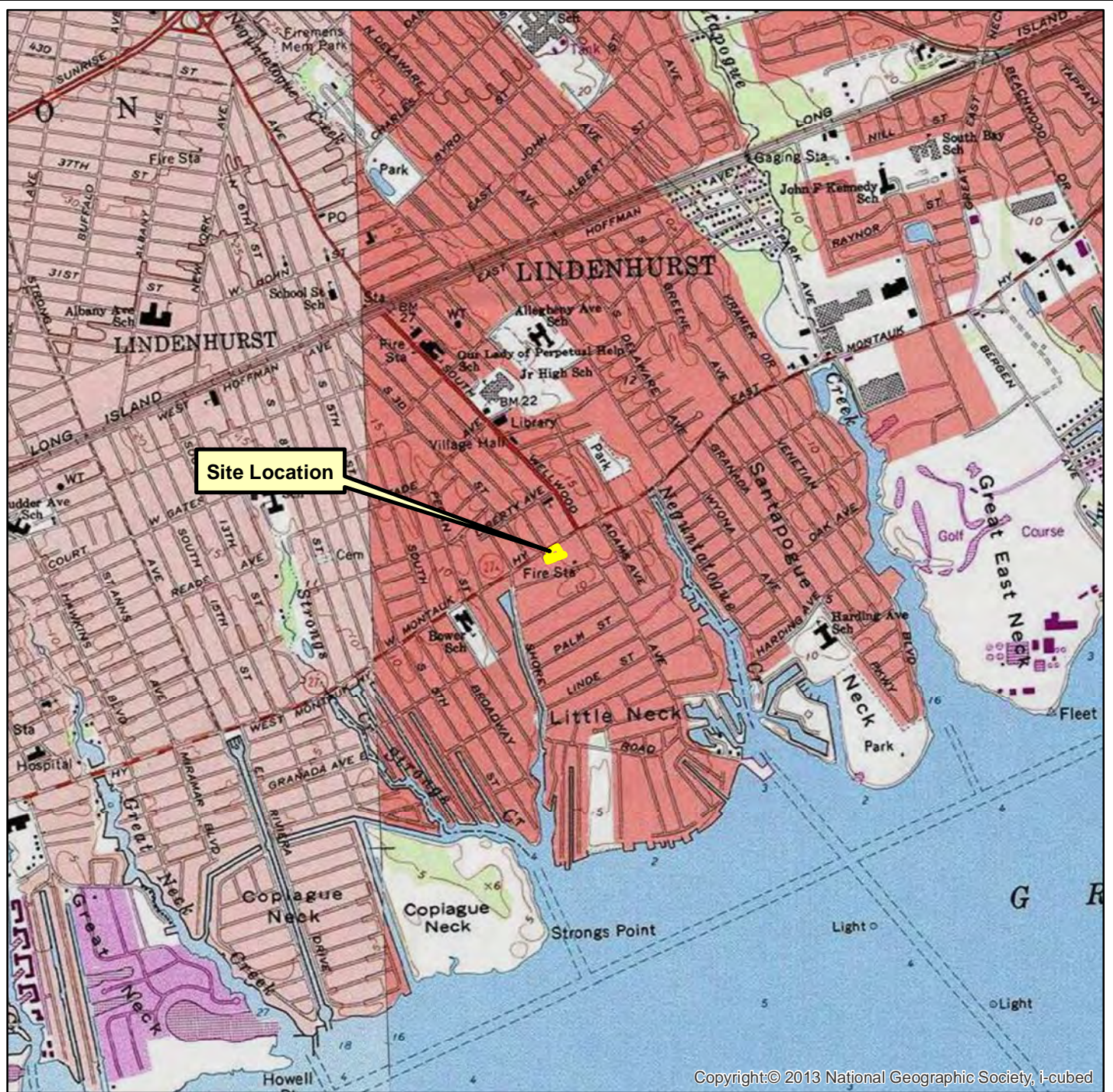
Future maintenance and monitoring activities at the Site include the following:

- Routine monthly maintenance activities will continue; and
- Semi-annual groundwater sampling is scheduled to be completed in the third quarter of 2021.

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, additional 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






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
MOVE YOUR ENVIRONMENT FORWARD
ONE FAIRCHILD SQUARE
SUITE 110
CLIFTON PARK, NY 12065
(518) 877-7101
HRPASSOCIATES.COM

Legend

-  Groundwater Recovery Well
-  Groundwater Monitoring Well
-  Approximate Property Line



MOVE YOUR ENVIRONMENT FORWARD

ONE FAIRCHILD SQUARE
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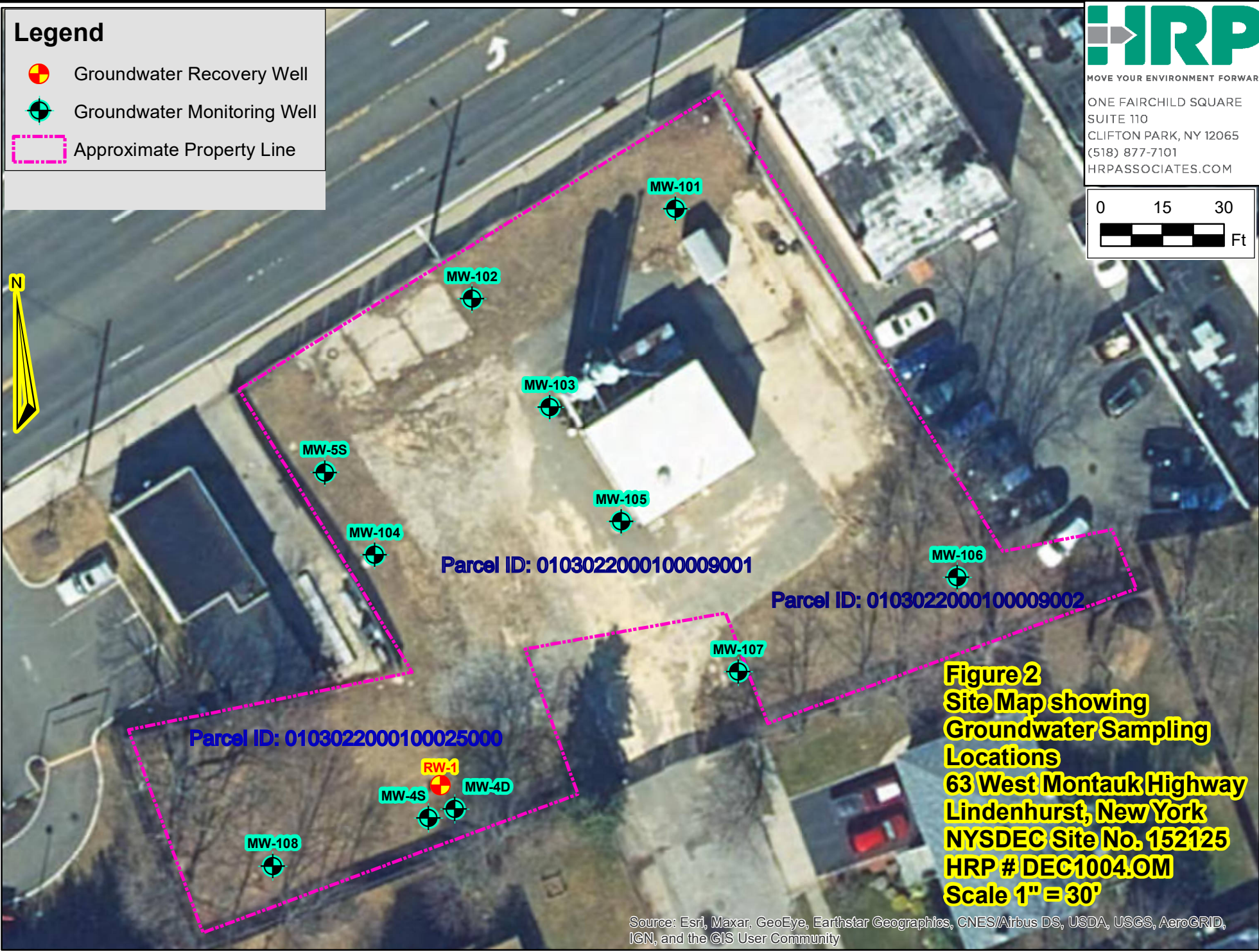
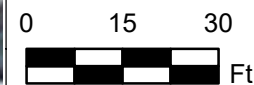


Figure 2
Site Map showing
Groundwater Sampling
Locations
63 West Montauk Highway
Lindenhurst, New York
NYSDEC Site No. 152125
HRP # DEC1004.OM
Scale 1" = 30'

Source: Esri, Maxar, GeoEye, Earthstar Geographics, CNES/Airbus DS, USDA, USGS, AeroGRID, IGN, and the GIS User Community

Path: S:\Data\NYSDEC - NEW YORK STATE DEPARTMENT OF ENVIRONMENTAL CONSERVATION\BABYLON\63 WEST MERRICK ROAD\DEC1004\OM\GIS\Figure 3 - 63 West Montauk.mxd





HRP
MOVE YOUR ENVIRONMENT FORWARD

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Site and Surrounding Area:
Groundwater Sampling Locations

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

ASI
DESIGNED BY:

BOB
DRAWN BY:

DJF
REVIEWED BY:

11X17
SHEET SIZE:

08/04/2020
DATE:

DEC1004.OM
PROJECT NUMBER:

North

1 in = 150 ft

0

75

150

Ft

FIGURE

3

APPENDIX A

Operation and Maintenance Reports

HRP Associates, Inc.

197 Scott Swamp Rd.

Farmington, CT 06032

(860) 674-9570

Monitor Well Data Sheet

Page 1 of 2

Well ID: MW-2s

Site Background Information

Site Location:

63 West Merrick Rd, Lindenhurst, NY

Job Number:

DEC1004.OM

Weather:

P. Sunny 53°F

Sampling Dates:

4/27/21

Field Team Leader:

Team Personnel:

CJG/KG

Ground Water Elevation Data

Date	Time	Sampler Name	Equipment Model	Depth to Water (ft)	Depth to Bottom (ft)
4/27/21	9:48	CSC	Solinst-101	uncorrected	uncorrected
			corr. factor 0	corrected 5.50	corrected 18.50

Measurement Point: 2" pvc HW

DTB - after sampling = NM

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	Bolt holes stamped		

Well Purging Data

Date	Time						Sampler Initials	Instrument Calibration Date
	Equipment Set-up		Purging		Sample Collection			
	Start	Finish	Start	Finish	Start	Finish		
4/27/21	10:58	11:01	11:01	12:20	12:20	12:21	KR	4/26/21

Instrument Mfg & Model

pH	YSI 600XL-M / YSI 556 - Serial # 0402866AB
Temp.	
Sp. Cond.	
ORP	
DO	
Turbidity	HF Scientific DRT-15CE - Serial # HPA-4

Initial Water Depth (ft):			Time:					
Time	Water Depth (ft)	Flow Rate (ml/min)	pH (s.u.)	Temp (°C)	Sp Con (uS)	ORP (mV)	DO (mg/l)	Turbidity (ntu)
11:04	5.48	160	8.01	12.58	346	-38.2	2.88	3.89
11:09	5.49		6.55	12.52	316	-2.3	0.84	2.48
11:14	5.49		6.28	12.51	315	15.7	0.70	2.65
11:19	5.49		6.18	12.59	314	29.0	0.62	3.36
11:24	5.49		6.13	12.64	314	38.3	0.56	41.6
11:29	5.49		6.11	12.74	312	44.8	0.51	72.7
11:34	5.49		6.07	12.76	309	50.5	0.45	62.2
11:39	5.49		6.07	12.81	308	54.6	0.42	53.8
11:44	5.49		6.08	12.86	307	57.5	0.39	45.6
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	—	12640	13.50

Sample Containers

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

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

Monitor Well Data Sheet

Well ID: MW-4d

Page 1 of 2

Site Background Information

Site Location: 63 West Merrick Rd, Lindenhurst, NY
Job Number: DEC1004.OM
Weather: Sunny 57°F
Sampling Dates: 4/27/21
Field Team Leader: [Signature]
Team Personnel: [Signature]

Ground Water Elevation Data

Date	Time	Sampler Name	Equipment Model	Depth to Water (ft)	Depth to Bottom (ft)
4/27/21	9:39	CSC	Solinst-101	uncorrected	uncorrected
			corr. factor 0	corrected 6.40	corrected 67.41

Measurement Point: 4" pvc HW

DTB - after sampling = NM

Well Condition (circle one)

General Condition	Visible Well ID	Well Cap Present	Well Plumbness	Lock
Fair	No	Yes	Good	N/A
Concrete Collar	Ponded Water	Comments:		
Good	No			

Well Purging Data

Date	Equipment Set-up		Time Purging		Sample Collection		Sampler Initials	Instrument Calibration Date
	Start	Finish	Start	Finish	Start	Finish		
4/27/21	2:17	2:19	2:19	3:03	3:03	3:05	100	4/26/21

Instrument Mfg & Model

pH	YSI 600XL-M / YSI 556 - Serial # 0402866A9
Temp.	
Sp. Cond.	
ORP	
DO	
Turbidity	HF Scientific DRT-15CE - Serial # H214

Initial Water Depth (ft):		Time:						
Time	Water Depth (ft)	Flow Rate (ml/min)	pH (s.u.)	Temp (°C)	Sp Con (uS)	ORP (mV)	DO (mg/l)	Turbidity (ntu)
2:22	6.36	140	6.46	12.27	334	-87.2	0.26	133.4
2:27	6.37		6.37	12.22	331	-155.6	0.54	129.8
2:32	6.37		6.39	12.28	331	-195.4	0.23	131.6
2:37	6.37		6.48	12.33	330	-223.6	0.17	112.1
2:42	6.37		6.51	12.32	330	-228.5	0.17	124.7
2:47	6.37		6.52	12.33	329	-233.3	0.16	116.3
2:52	6.37		6.54	12.37	329	-238.5	0.17	110.6
2:57	6.37		6.59	12.46	328	-244.1	0.16	119.3
3:02	6.37		6.58	12.42	328	-247.3	0.17	113.0
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	Green	organic / 91 sulfate?	6160	62.41

Sample Containers

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

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mv-4d

Team Personnel: CLK

[illegible]

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Farmington, CT 06032

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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

Job Number:

DEC1004.OM

Weather:

Sunny 57°F

Sampling Dates:

4/27/21

Field Team Leader:

Team Personnel:

C.J.K.

Ground Water Elevation Data

Date	Time	Sampler Name	Equipment Model	Depth to Water (ft)	Depth to Bottom (ft)
4/27/21	9:29	CJC	Solinst-101	uncorrected	uncorrected
			corr. factor 0	corrected 6.27	corrected 23.58

Measurement Point: 2" pvc Hw

DTB - after sampling = N/A

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: No B. Hr		
Good	No			

Well Purging Data

Date	Equipment Set-up		Time Purging		Sample Collection		Sampler Initials	Instrument Calibration Date
	Start	Finish	Start	Finish	Start	Finish		
4/27/21	3:21	3:24	3:24	3:54	3:54	3:56	LB	4/26/21

Instrument Mfg & Model

pH	YSI 600XL-M / YSI 556 - Serial # 0402866AB
Temp.	
Sp. Cond.	
ORP	
DO	
Turbidity	HF Scientific DRT-15CE - Serial # HRP-9

Initial Water Depth (ft): 6.23			Time: 3:21					
Time	Water Depth (ft)	Flow Rate (ml/min)	pH (s.u.)	Temp (°C)	Sp Con (uS)	ORP (mV)	DO (mg/l)	Turbidity (ntu)
3:28	6.24	130	6.10	11.49	982	-24.0	2.99	6.68
3:33	6.24		5.89	11.52	979	-9.0	0.55	2.59
3:38	6.24		5.94	11.45	969	-7.9	0.44	3.13
3:43	6.24		5.97	11.43	954	-8.3	0.40	2.11
3:48	6.24		5.97	11.49	943	-7.6	0.37	1.79
3:53	6.24		5.98	11.51	943	-6.7	0.32	1.28
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	-	390	18.58

Sample Containers

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

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Monitor Well Data Sheet

Well ID: MW-103

Page 1 of 1

Site Background Information

Site Location:	63 West Merrick Rd, Lindenhurst, NY	Sampling Dates:	4-27-21
Job Number:	DEC1004.OM	Field Team Leader:	—
Weather:	Cloudy, 54°F	Team Personnel:	KG, CJL

Ground Water Elevation Data

Date	Time	Sampler Name	Equipment Model	Depth to Water (ft)	Depth to Bottom (ft)
4-27-21	9:24	CJL	Solinst-101	uncorrected —	uncorrected —
			corr. factor 0	corrected 6.54	corrected 12.77

Measurement Point: 2" pvc, HW

DTB - after sampling = NM

Well Condition (circle one)

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

Well Purging Data

Date	Time						Sampler Initials	Instrument Calibration Date
	Equipment Set-up		Purging		Sample Collection			
	Start	Finish	Start	Finish	Start	Finish		
4-27-21	10:36	10:45	10:45	11:24	11:24	11:25	ENL	4-26-21

Instrument Mfg & Model

pH	YSI 600XL-M (YSI 556) Serial # 16C30
Temp.	
Sp. Cond.	
ORP	
DO	
Turbidity	HF Scientific DRT-15CE - Serial # HRP-7

Initial Water Depth (ft):			Time:					
Time	Water Depth (ft)	Flow Rate (ml/min)	pH (s.u.)	Temp (°C)	Sp Con (uS)	ORP (mV)	DO (mg/l)	Turbidity (ntu)
10:48	6.55	120	6.87	11.95	267	103.4	5.06	5.36
10:53	6.55		6.78	11.98	283	104.5	4.71	4.83
10:58	6.55		6.79	11.97	299	103.7	4.49	3.75
11:03	6.55		6.80	12.05	312	104.1	4.22	3.49
11:08	6.55		6.81	12.01	327	105.6	3.89	2.97
11:13	6.55		6.79	12.05	359	108.1	3.45	2.49
11:18	6.55		6.76	12.03	366	109.6	3.40	2.32
11:23	6.55		6.76	12.07	368	110.3	3.41	2.26

Req. Limits for Last 3 Readings	+/- 0.1	3%	3%	+/- 10 mv	10% > 0.5	10% > 5
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Pump Mfg & Model	Color	Odor	Purge Vol (ml)	Sample Depth (ft.)
peristaltic pump	clear	—	4680	9.65

Sample Containers

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

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Monitor Well Data Sheet

Well ID: MW-104

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Site Background Information

Site Location:	63 West Merrick Rd, Lindenhurst, NY	Sampling Dates:	4-27-21
Job Number:	DEC1004.OM	Field Team Leader:	—
Weather:	M. Sunny, 57°F	Team Personnel:	KG, CJL

Ground Water Elevation Data

Date	Time	Sampler Name	Equipment Model	Depth to Water (ft)	Depth to Bottom (ft)
4-27-21	9:30	CJL	Solinst-101	uncorrected — corr. factor 0 corrected 6.57	uncorrected — corrected 14.45

Measurement Point: 2" pvc, Hw

DTB - after sampling = NM

Well Condition (circle one)

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

Well Purging Data

Date	Time						Sampler Initials	Instrument Calibration Date
	Equipment Set-up		Purging		Sample Collection			
	Start	Finish	Start	Finish	Start	Finish		
4-27-21	2:25	2:34	2:34	3:18	3:18	3:19	CJL	4-26-21

Instrument Mfg & Model

pH	YSI 600XL-M / YSI 556 Serial # 16C30
Temp.	
Sp. Cond.	
ORP	
DO	
Turbidity	HF Scientific DRT-15CE - Serial # HRP-7

Initial Water Depth (ft):			Time:					
Time	Water Depth (ft)	Flow Rate (ml/min)	pH (s.u.)	Temp (°C)	Sp Con (uS)	ORP (mV)	DO (mg/l)	Turbidity (ntu)
2:37	6.55	120	7.17	11.84	247	24.4	4.91	6.91
2:42	6.55		6.90	11.68	219	27.9	3.27	3.77
2:47	6.55		6.62	11.54	207	43.4	1.85	3.51
2:52	6.55		5.94	11.64	212	81.1	3.39	2.44
2:57	6.55		6.51	11.57	214	63.6	5.14	2.20
3:02	6.55		6.76	11.56	216	64.5	6.72	1.81
3:07	6.55		6.83	11.48	216	68.2	7.06	1.69
3:12	6.55		6.88	11.47	215	72.1	7.39	1.54
3:17	6.55	✓	6.90	11.49	215	74.6	7.47	1.41
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	10.51

Sample Containers

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

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Monitor Well Data Sheet

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Well ID: MW-105

Site Background Information

Site Location:	63 West Merrick Rd, Lindenhurst, NY	Sampling Dates:	4-27-21
Job Number:	DEC1004.OM	Field Team Leader:	—
Weather:	M. Cloudy, 54°F	Team Personnel:	KG, CJL

Ground Water Elevation Data

Date	Time	Sampler Name	Equipment Model	Depth to Water (ft)		Depth to Bottom (ft)	
4-27-21	9:22	CJL	Solinst-101	uncorrected	—	uncorrected	—
			corr. factor 0	corrected	6.62	corrected	14.30

Measurement Point: 2" pvc, Hw

DTB - after sampling = NM

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: BHS, missing 1 Bolt		
Good	No	Dye = MW-B @ 10:29 AM		

Well Purging Data

Date	Equipment Set-up		Time Purging		Sample Collection		Sampler Initials	Instrument Calibration Date
	Start	Finish	Start	Finish	Start	Finish		
4-27-21	9:50	9:59	9:59	10:28	10:28	10:31	CJL	4-26-21

Instrument Mfg & Model

pH	YSI 600XL-M / (YSI 556) Serial # 16C30
Temp.	
Sp. Cond.	
ORP	
DO	
Turbidity	HF Scientific DRT-15CE - Serial # HRP-7

Initial Water Depth (ft): 6.62			Time: 9:58					
Time	Water Depth (ft)	Flow Rate (ml/min)	pH (s.u.)	Temp (°C)	Sp Con (uS)	ORP (mV)	DO (mg/l)	Turbidity (ntu)
10:02	6.62	120	7.45	13.22	522	47.5	3.25	3.41
10:07	6.62		7.00	13.12	465	57.5	8.39	3.16
10:12	6.62		6.86	13.07	450	64.3	8.24	2.93
10:17	6.62		6.77	13.08	446	72.1	7.94	2.76
10:22	6.62		6.74	13.07	450	76.0	7.83	2.57
10:27	6.62	✓	6.72	13.09	446	79.3	7.54	2.15

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

10.46

Sample Containers

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

Monitor Well Data Sheet

Well ID: MW-106

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Site Background Information

Site Location:	63 West Merrick Rd, Lindenhurst, NY	Sampling Dates:	4-27-21
Job Number:	DEC1004.OM	Field Team Leader:	—
Weather:	P. Sunny, 55°F	Team Personnel:	KG, CJL

Ground Water Elevation Data

Date	Time	Sampler Name	Equipment Model	Depth to Water (ft)		Depth to Bottom (ft)	
4-27-21	9:33	CJL	Solinst-101	uncorrected	—	uncorrected	—
				corr. factor	0	corrected	6.55
						corrected	13.68

Measurement Point: 2" pvc, Hw

DTB - after sampling = NM

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		
4-27-21	11:31	11:41	11:41	12:50	12:50	12:52	CJL	4-26-21

Instrument Mfg & Model

pH	YSI 600XL-M / YSI 556 Serial #16C30
Temp.	
Sp. Cond.	
ORP	
DO	
Turbidity	HF Scientific DRT-15CE - Serial # HRP-7

Initial Water Depth (ft):		6.55	Time:		11:40			
Time	Water Depth (ft)	Flow Rate (ml/min)	pH (s.u.)	Temp (°C)	Sp Con (uS)	ORP (mV)	DO (mg/l)	Turbidity (ntu)
11:44	6.59	120	6.90	11.20	693	125.0	1.31	3.85
11:49	6.60		6.82	11.08	672	116.8	0.68	3.14
11:54	6.60		6.67	11.17	640	114.0	0.62	2.59
11:59	6.60		6.69	11.10	615	95.8	0.61	2.79
12:04	6.60		6.71	11.05	611	80.1	0.71	3.67
12:09	6.60		6.71	11.09	575	69.7	0.67	3.40
12:14	6.60		6.69	11.10	530	59.1	0.66	3.13
12:19	6.60	✓	6.67	11.10	521	49.5	0.63	3.05
12:24	6.60	✓	6.67	11.05	523	43.4	0.68	2.88
Req. Limits for Last 3 Readings			+/- 0.1	3%	3%	+/- 10 mv	10% > 0.5	10% > 5

Pump Mfg & Model	Color	Odor	Purge Vol (ml)	Sample Depth (ft.)
peristaltic pump	clear	—	8280	10.11

Sample Containers

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

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Well ID: MW-106

Team Personnel: KG, CJL

[illegible]

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Monitor Well Data Sheet

Well ID: MW-107

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Site Background Information

Site Location:	63 West Merrick Rd, Lindenhurst, NY	Sampling Dates:	4-27-21
Job Number:	DEC1004.OM	Field Team Leader:	—
Weather:	P. Sunny, 55°F	Team Personnel:	KG, CJL

Ground Water Elevation Data

Date	Time	Sampler Name	Equipment Model	Depth to Water (ft)		Depth to Bottom (ft)	
4-27-21	9:34	CJL	Solinst-101	uncorrected	—	uncorrected	—
			corr. factor 0	corrected	6.55	corrected	14.35

Measurement Point: 2" pvc, HW

DTB - after sampling = NM

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	Equipment Set-up		Time Purging		Sample Collection		Sampler Initials	Instrument Calibration Date
	Start	Finish	Start	Finish	Start	Finish		
4-27-21	12:56	1:08	1:08	2:17	2:17	2:18	CJL	4-26-21

Instrument Mfg & Model

pH	YSI 600XL-M / YSI 556 Serial # 16C30
Temp.	
Sp. Cond.	
ORP	
DO	
Turbidity	HF Scientific DRT-15CE - Serial # HRP-7

Initial Water Depth (ft): 6.53			Time: 1:07					
Time	Water Depth (ft)	Flow Rate (ml/min)	pH (s.u.)	Temp (°C)	Sp Con (uS)	ORP (mV)	DO (mg/l)	Turbidity (ntu)
1:11	6.54	120	6.77	12.50	466	57.8	1.85	9.54
1:16	6.54		6.56	12.50	461	57.7	1.12	8.53
1:21	6.54		6.60	12.42	452	50.1	0.95	6.65
1:26	6.54		6.61	12.50	450	35.4	0.85	5.88
1:31	6.54		6.62	12.41	445	23.7	0.73	4.30
1:36	6.54		6.64	12.43	442	12.3	0.64	4.01
1:41	6.54		6.67	12.49	443	1.2	0.59	3.61
1:46	6.54		6.68	12.51	439	-5.8	0.64	3.33
1:51	6.54		6.69	12.46	439	-16.1	0.79	3.28
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	—	8280	10.45

Sample Containers

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

[illegible]

HRP Associates, Inc.

197 Scott Swamp Rd.

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Monitor Well Data Sheet

Page 1 of 2

Well ID: RW-1

Site Background Information

Site Location:

63 West Merrick Rd, Lindenhurst, NY

Job Number:

DEC1004.OM

Weather:

P Sunny 56°F

Sampling Dates:

4/27/21

Field Team Leader:

Team Personnel:

CSC/KG

Ground Water Elevation Data

Date	Time	Sampler Name	Equipment Model	Depth to Water (ft)	Depth to Bottom (ft)
4/27/21	9:37	CSC	Solinst-101	uncorrected	uncorrected
			corr. factor 0	corrected 9.58	corrected 40.00

Measurement Point: 6" pvc

DTB - after sampling = 33.92

Well Condition (circle one)

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

Well Purging Data

Date	Time						Sampler Initials	Instrument Calibration Date
	Equipment Set-up		Purging		Sample Collection			
	Start	Finish	Start	Finish	Start	Finish		
4/26/21	12:26	12:31	12:31	2:09	2:09	2:13	KG	4/26/21

Instrument Mfg & Model

pH	YSI 600XL-M / YSI 556 - Serial # 0402866AB
Temp.	
Sp. Cond.	
ORP	
DO	
Turbidity	HF Scientific DRT-15CE - Serial # HRP-4

Initial Water Depth (ft):		Time:						
Time	Water Depth (ft)	Flow Rate (ml/min)	pH (s.u.)	Temp (°C)	Sp Con (uS)	ORP (mV)	DO (mg/l)	Turbidity (ntu)
12:33	9.52	140	6.60	12.86	331	69.2	3.59	81.8
12:38	9.53		6.24	12.82	331	56.0	0.93	81.7
12:43	9.53		6.25	12.83	330	49.2	0.79	103.6
12:48	9.53		6.39	12.93	330	39.6	0.65	65.2
12:53	9.53		6.38	12.99	329	34.3	0.64	31.0
12:58	9.53		6.43	12.85	328	31.8	0.54	21.1
1:03	9.53		6.45	12.96	328	29.5	0.52	15.26
1:08	9.54		6.43	12.80	328	28.1	0.52	12.24
1:13	9.54		6.44	12.81	328	29.5	0.49	16.36
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	-	13720	34.5 - hitting pump?

Sample Containers

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

HRP Associates, Inc.

197 Scott Swamp Rd.

Farmington, CT 06032

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Monitor Well Data Sheet

Well ID: RW-2

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Site Background Information

Site Location:	63 West Merrick Rd, Lindenhurst, NY	Sampling Dates:	4/27/21
Job Number:	DEC1004.OM	Field Team Leader:	
Weather:	Overcast 52°F	Team Personnel:	CSC, KG

Ground Water Elevation Data

Date	Time	Sampler Name	Equipment Model	Depth to Water (ft)		Depth to Bottom (ft)	
4/27/21	9:28	KG	Solinst-101	uncorrected		uncorrected	
			corr. factor 0	corrected	0.95	corrected	34.97

Measurement Point: 6" pvc vault

DTB - after sampling = N/A

Well Condition (circle one)

General Condition	Visible Well ID	Well Cap Present	Well Plumbness	Lock
FAIR	No	No	Good	No

Concrete Collar	Ponded Water	Comments:
N/A	Yes	Dye = NW-A @ 10:39

Well Purging Data

Date	Time						Sampler Initials	Instrument Calibration Date
	Equipment Set-up		Purging		Sample Collection			
	Start	Finish	Start	Finish	Start	Finish		
4/27/21	9:28	9:32	9:32	10:36	10:36	10:40	IR	4/26/21

Instrument Mfg & Model

pH	YSI 600XL-M / YSI 556 - Serial # 0402866 AB
Temp.	
Sp. Cond.	
ORP	
DO	
Turbidity	HF Scientific DRT-15CE - Serial # HRP-4

Initial Water Depth (ft): 0.95			Time: 9:28					
Time	Water Depth (ft)	Flow Rate (ml/min)	pH (s.u.)	Temp (°C)	Sp Con (uS)	ORP (mV)	DO (mg/l)	Turbidity (ntu)
9:35	0.99	240	8.89	12.19	3044	83.2	1.65	17.94
9:40	1.06		9.13	12.23	3116	3.7	0.62	17.61
9:45	1.12		9.18	12.24	3110	-71.2	0.54	23.6
9:50	1.16		9.20	12.25	3105	-138.3	0.50	21.5
9:55	1.19		9.21	12.26	3103	-205.5	0.42	19.66
10:00	1.19		9.21	12.28	3103	-234.1	0.41	18.87
10:05	1.19		9.22	12.27	3105	-273.0	0.38	19.99
10:10	1.19		9.23	12.25	3106	-293.8	0.30	17.32
10:15	1.19		9.24	12.29	3106	-307.8	0.35	17.55
Reg. 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	-	15360	32.00

Sample Containers

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

(860) 674-9570

Page 2 of 2

RW-2

[illegible]

(860) 674-9570

Page 1 of 1

Type & No.	Volume	Preservative

Monitor Well Data Sheet

Page 1 of 1

Well ID: MW-101

Site Background Information

Site Location:	63 West Merrick Rd, Lindenhurst, NY	Sampling Dates:	4/27/21
Job Number:	DEC1004.OM	Field Team Leader:	
Weather:	Sunny 57°F	Team Personnel:	CSL/JB

Ground Water Elevation Data

Date	Time	Sampler Name	Equipment Model	Depth to Water (ft)		Depth to Bottom (ft)	
4/27/21	9:26	CSL	Solinst-101	uncorrected		uncorrected	
			corr. factor 0	corrected	6.77	corrected	14.53

Measurement Point: 2" pvc

DTB - after sampling =

Well Condition (circle one)

General Condition	Visible Well ID	Well Cap Present	Well Plumbness	Lock
Concrete Collar	Ponded Water	Comments: DTW only		

Well Purging Data

Date	Time						Sampler Initials	Instrument Calibration Date
	Equipment Set-up		Purging		Sample Collection			
	Start	Finish	Start	Finish	Start	Finish		

Instrument Mfg & Model

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

Initial Water Depth (ft):			Time:		Sp Con (uS)	ORP (mV)	DO (mg/l)	Turbidity (ntu)
Time	Water Depth (ft)	Flow Rate (ml/min)	pH (s.u.)	Temp (°C)				
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				

Sample Containers

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

Well ID: MW-102

Page 1 of 1

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DTB - after sampling =

DTW only

HF Scientific DRT-15CE - Serial

Type & No.	Volume	Preservative

(860) 674-9570

Well ID: Mw-109

Page 1 of 1

4/27/21

Sunny 57°F

Team Personnel:

DTB - after sampling =

DTW only

Instrument
Calibration
Date

HF Scientific DRT-15CE - Serial

 $10\% \geq 5$ Sample Depth (ft.)

Preservative

(860) 674-9570

Well ID: MW-110

Page 1 of 1

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Date	Time	Sampler Name	Equipment Model	Depth to Water (ft)		Depth to Bottom (ft)	
			Solinst-101	uncorrected		uncorrected	
			corr. factor 0	corrected		corrected	34.39

DTB - after sampling =

Well Purging Data

[illegible]

Instrument Mfg & Model

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

[illegible]

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				

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

Type & No.	Volume	Preservative

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

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	4/28/21	
12	Fire Extinguishers annual inspection	Annual	Nov-20	
13	Emergency Lighting Testing	Monthly	4/28/2021	

Inspected By: Keith Gandarillas

Inspection Date: 4/28/21

Other Items Noted:

Exterior junction box covers missing

Outlet with flow meter plugs missing cover, Outlet by phone line cover broken

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	<u>Yes</u>	No
2	Smoke alarms tested and functioning	Yes	No *
3	Water leaks/water damage observed inside building	Yes	<u>No</u>
4	Fire extinguishers within expiration or inspected annually	<u>Yes</u>	No
5	All fire extinguishers present	<u>Yes</u>	No
6	Electrical Breaker Panel Issues	Yes	<u>No</u>
7	Covers present on all junction boxes, electrical switches, and outlets	Yes	<u>No</u> *
8	Any evidence of pests present inside building (rodents, insects, etc.)	Yes	<u>No</u>
9	Emergency lighting tested and functioning	<u>Yes</u>	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	5-25-21	

Inspected By: DJA
Inspection Date: 5/25/21

Other Items Noted: * No smoke alarms in building.
* One inside outlet cover needs to be replaced.
* No sprinkler system.

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, none
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

replace inside 4 outlet

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: BJA
Inspection Date: 6-30-21

Other Items Noted:

Date: 4/27/21



NEW YORK STATE
Department of
Environmental
Conservation

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

Date: 4/27/21

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

DAILY INSPECTION REPORT

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

Date: 4/27/21

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

DAILY INSPECTION REPORT

Page 4 of 9

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

Date: 4/27/21

Interaction with Public, Property Owners, Media, etc.

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

DAILY INSPECTION REPORT

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

Date: 4/27/21

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DAILY INSPECTION REPORT

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

Date: 4/27/21

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Site Photographs (Descriptions Below)



Department of
Environmental
Conservation



DAILY INSPECTION REPORT

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

Date: 4/27/21

Comments	
Site Inspector(s):	Date:

DAILY INSPECTION REPORT

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

Date: 4/27/21

DAILY HEALTH CHECKLIST

Is social distancing being practiced?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>
Is the tail gate safety meeting held outdoors?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>
Are remote/call in job meetings being held in lieu of meeting in person where possible?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>
Were personal protective gloves, masks, and eye protection being used?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>
Are sanitizing wipes, wash stations or spray available?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>
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 <input type="checkbox"/>	No <input checked="" type="checkbox"/>
<u>Comments:</u> 		

REMEDIAL ACTIVITIES AT PROPERTIES

1. Have anyone at this location been tested and confirmed to have COVID-19?	Yes <input type="checkbox"/>	No <input checked="" type="checkbox"/>
2. Is anyone at this location isolated or quarantined for COVID-19?	Yes <input type="checkbox"/>	No <input checked="" type="checkbox"/>
3. Has anyone at this locaton had contact with anyone known to have COVID-19 in the past 14 days?	Yes <input type="checkbox"/>	No <input checked="" type="checkbox"/>
4. Does anyone at this locaton have any symptoms of a respiratory infection (e.g., cough, sore throat, fever, or shortness of breath)?	Yes <input type="checkbox"/>	No <input checked="" type="checkbox"/>
5. Does the Department and its contractors have your permission to enter the property at this time?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>
If Yes to <u>any</u> of 1-4 above: <ul style="list-style-type: none"> 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 <input type="checkbox"/>	No <input type="checkbox"/>

DAILY INSPECTION REPORT

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

Date: 4/27/21

Comments:

NUISANCE CHECKLIST

Were there any community complaints related to work on this date?	Yes <input type="checkbox"/>	No <input checked="" type="checkbox"/>	N/A <input type="checkbox"/>
Were there any odors detected on this date?	Yes <input type="checkbox"/>	No <input checked="" type="checkbox"/>	N/A <input type="checkbox"/>
Was noise outside specification and/or above background on this date?	Yes <input type="checkbox"/>	No <input checked="" type="checkbox"/>	N/A <input type="checkbox"/>
Were vibration readings outside specification and/or above background on this date?	Yes <input type="checkbox"/>	No <input type="checkbox"/>	N/A <input checked="" type="checkbox"/>
Any visible dust observed beyond the work perimeter on this date?	Yes <input type="checkbox"/>	No <input type="checkbox"/>	N/A <input checked="" type="checkbox"/>
Any visible contrast (turbidity) beyond engineering controls observed on this date?	Yes <input type="checkbox"/>	No <input type="checkbox"/>	N/A <input checked="" type="checkbox"/>
Was turbidity checked at the Montauk Highway outfall?	AM <input type="checkbox"/>	PM <input type="checkbox"/>	N/A <input checked="" type="checkbox"/>
Were any property owners NOT provided advance notice for work performed on this property on this date?	Yes <input type="checkbox"/>	No <input type="checkbox"/>	N/A <input checked="" type="checkbox"/>
Was the temporary fabric structure closed at the end of the day?	Yes <input type="checkbox"/>	No <input type="checkbox"/>	N/A <input checked="" type="checkbox"/>
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 <input type="checkbox"/>	No <input type="checkbox"/>	N/A <input checked="" type="checkbox"/>
If yes, has Contractor been notified?	Yes <input type="checkbox"/>	No <input type="checkbox"/>	N/A <input checked="" type="checkbox"/>
<u>Comments:</u>			

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

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NEW YORK STATE
Department of Environmental Conservation
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Report No. (Site Name) - NYSDEC Site No. 152125

Date: 4/28/21

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

DAILY INSPECTION REPORT

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

Date: 4/28/21

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

DAILY INSPECTION REPORT

Page 4 of 9

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

Date: 4/28/21

Interaction with Public, Property Owners, Media, etc.

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

DAILY INSPECTION REPORT

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

Date: 4/28/21

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Conservation



DAILY INSPECTION REPORT

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

Date: 4/28/21

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Site Photographs (Descriptions Below)



Department of
Environmental
Conservation



DAILY INSPECTION REPORT

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

Date: 4/28/21

Comments	
Site Inspector(s):	Date:

DAILY INSPECTION REPORT

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

Date: 4/28/21

DAILY HEALTH CHECKLIST

Is social distancing being practiced?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>
Is the tail gate safety meeting held outdoors?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>
Are remote/call in job meetings being held in lieu of meeting in person where possible?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>
Were personal protective gloves, masks, and eye protection being used?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>
Are sanitizing wipes, wash stations or spray available?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>
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 <input type="checkbox"/>	No <input checked="" type="checkbox"/>
<u>Comments:</u> 		

REMEDIAL ACTIVITIES AT PROPERTIES

Have anyone at this location been tested and confirmed to have COVID-19?	Yes <input type="checkbox"/>	No <input checked="" type="checkbox"/>
Is anyone at this location isolated or quarantined for COVID-19?	Yes <input type="checkbox"/>	No <input checked="" type="checkbox"/>
Has anyone at this locaton had contact with anyone known to have COVID-19 in the past 14 days?	Yes <input type="checkbox"/>	No <input checked="" type="checkbox"/>
Does anyone at this locaton have any symptoms of a respiratory infection (e.g., cough, sore throat, fever, or shortness of breath)?	Yes <input type="checkbox"/>	No <input checked="" type="checkbox"/>
Does the Department and its contractors have your permission to enter the property at this time?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>
If Yes to any of 1-4 above: <ul style="list-style-type: none">• 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 <input type="checkbox"/>	No <input type="checkbox"/>
<u>Comments:</u> 		

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

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Were there any community complaints related to work on this date?	Yes <input type="checkbox"/>	No <input checked="" type="checkbox"/>	N/A <input type="checkbox"/>
Were there any odors detected on this date?	Yes <input type="checkbox"/>	No <input checked="" type="checkbox"/>	N/A <input type="checkbox"/>
Was noise outside specification and/or above background on this date?	Yes <input type="checkbox"/>	No <input checked="" type="checkbox"/>	N/A <input type="checkbox"/>
Were vibration readings outside specification and/or above background on this date?	Yes <input type="checkbox"/>	No <input type="checkbox"/>	N/A <input checked="" type="checkbox"/>
Any visible dust observed beyond the work perimeter on this date?	Yes <input type="checkbox"/>	No <input type="checkbox"/>	N/A <input checked="" type="checkbox"/>
Any visible contrast (turbidity) beyond engineering controls observed on this date?	Yes <input type="checkbox"/>	No <input type="checkbox"/>	N/A <input checked="" type="checkbox"/>
Was turbidity checked at the Montauk Highway outfall?	AM <input type="checkbox"/>	PM <input type="checkbox"/>	N/A <input checked="" type="checkbox"/>
Were any property owners NOT provided advance notice for work performed on this property on this date?	Yes <input type="checkbox"/>	No <input type="checkbox"/>	N/A <input checked="" type="checkbox"/>
Was the temporary fabric structure closed at the end of the day?	Yes <input type="checkbox"/>	No <input type="checkbox"/>	N/A <input checked="" type="checkbox"/>
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 <input type="checkbox"/>	No <input type="checkbox"/>	N/A <input checked="" type="checkbox"/>
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<u>Comments:</u>			

DAILY INSPECTION REPORT

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

Date: 05/25/21

[illegible]

DAILY INSPECTION REPORT

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

Date: 05/25/21

[illegible][illegible]

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

Equipment/Material Tracking Comments:

DAILY INSPECTION REPORT

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

Date: 05/25/21

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

DAILY INSPECTION REPORT

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

Date: 05/25/21

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

DAILY INSPECTION REPORT

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

Date: 05/25/21

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

Date: 05/25/21

Site Photographs (Descriptions Below)	

DAILY INSPECTION REPORT

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

Date: 05/25/21

Comments	
Site Inspector(s):	Date:

DAILY INSPECTION REPORT

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

Date: 05/25/21

DAILY HEALTH CHECKLIST

Is social distancing being practiced?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>
Is the tail gate safety meeting held outdoors?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>
Are remote/call in job meetings being held in lieu of meeting in person where possible?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>
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<u>Comments:</u>		

REMEDIAL ACTIVITIES AT PROPERTIES

1. Have anyone at this location been tested and confirmed to have COVID-19?	Yes <input type="checkbox"/>	No <input checked="" type="checkbox"/>
2. Is anyone at this location isolated or quarantined for COVID-19?	Yes <input type="checkbox"/>	No <input checked="" type="checkbox"/>
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4. Does anyone at this locaton have any symptoms of a respiratory infection (e.g., cough, sore throat, fever, or shortness of breath)?	Yes <input type="checkbox"/>	No <input checked="" type="checkbox"/>
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<u>Comments:</u>		

DAILY INSPECTION REPORT

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

Date: 05/25/21

NUISANCE CHECKLIST

Were there any community complaints related to work on this date?	Yes <input type="checkbox"/>	No <input checked="" type="checkbox"/>	N/A <input type="checkbox"/>
Were there any odors detected on this date?	Yes <input type="checkbox"/>	No <input checked="" type="checkbox"/>	N/A <input type="checkbox"/>
Was noise outside specification and/or above background on this date?	Yes <input type="checkbox"/>	No <input checked="" type="checkbox"/>	N/A <input type="checkbox"/>
Were vibration readings outside specification and/or above background on this date?	Yes <input type="checkbox"/>	No <input type="checkbox"/>	N/A <input checked="" type="checkbox"/>
Any visible dust observed beyond the work perimeter on this date?	Yes <input type="checkbox"/>	No <input type="checkbox"/>	N/A <input checked="" type="checkbox"/>
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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 <input type="checkbox"/>	No <input type="checkbox"/>	N/A <input checked="" type="checkbox"/>
If yes, has Contractor been notified?	Yes <input type="checkbox"/>	No <input type="checkbox"/>	N/A <input checked="" type="checkbox"/>
<u>Comments:</u>			

DAILY INSPECTION REPORT

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

Date: 05/26/21

[illegible]

DAILY INSPECTION REPORT

Page 2 of 9

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

Date: 05/26/21

[illegible][illegible]

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

Equipment/Material Tracking Comments:

DAILY INSPECTION REPORT

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

Date: 05/26/21

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

DAILY INSPECTION REPORT

Page 4 of 9

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

Date: 05/26/21

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

DAILY INSPECTION REPORT

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

Date: 05/26/21

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

Date: 05/26/21

Site Photographs (Descriptions Below)	

DAILY INSPECTION REPORT

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

Date: 05/26/21

Comments	
Site Inspector(s):	Date:

DAILY INSPECTION REPORT

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

Date: 05/26/21

DAILY HEALTH CHECKLIST

Is social distancing being practiced?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>
Is the tail gate safety meeting held outdoors?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>
Are remote/call in job meetings being held in lieu of meeting in person where possible?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>
Were personal protective gloves, masks, and eye protection being used?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>
Are sanitizing wipes, wash stations or spray available?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>
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 <input type="checkbox"/>	No <input checked="" type="checkbox"/>
<u>Comments:</u>		

REMEDIAL ACTIVITIES AT PROPERTIES

1. Have anyone at this location been tested and confirmed to have COVID-19?	Yes <input type="checkbox"/>	No <input checked="" type="checkbox"/>
2. Is anyone at this location isolated or quarantined for COVID-19?	Yes <input type="checkbox"/>	No <input checked="" type="checkbox"/>
3. Has anyone at this locaton had contact with anyone known to have COVID-19 in the past 14 days?	Yes <input type="checkbox"/>	No <input checked="" type="checkbox"/>
4. Does anyone at this locaton have any symptoms of a respiratory infection (e.g., cough, sore throat, fever, or shortness of breath)?	Yes <input type="checkbox"/>	No <input checked="" type="checkbox"/>
5. Does the Department and its contractors have your permission to enter the property at this time?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>
If Yes to <u>any</u> of 1-4 above: <ul style="list-style-type: none"> 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 <input type="checkbox"/>	No <input type="checkbox"/>
<u>Comments:</u>		

DAILY INSPECTION REPORT

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

Date: 05/26/21

NUISANCE CHECKLIST

Were there any community complaints related to work on this date?	Yes <input type="checkbox"/>	No <input checked="" type="checkbox"/>	N/A <input type="checkbox"/>
Were there any odors detected on this date?	Yes <input type="checkbox"/>	No <input checked="" type="checkbox"/>	N/A <input type="checkbox"/>
Was noise outside specification and/or above background on this date?	Yes <input type="checkbox"/>	No <input checked="" type="checkbox"/>	N/A <input type="checkbox"/>
Were vibration readings outside specification and/or above background on this date?	Yes <input type="checkbox"/>	No <input type="checkbox"/>	N/A <input checked="" type="checkbox"/>
Any visible dust observed beyond the work perimeter on this date?	Yes <input type="checkbox"/>	No <input type="checkbox"/>	N/A <input checked="" type="checkbox"/>
Any visible contrast (turbidity) beyond engineering controls observed on this date?	Yes <input type="checkbox"/>	No <input type="checkbox"/>	N/A <input checked="" type="checkbox"/>
Was turbidity checked at the Montauk Highway outfall?	AM <input type="checkbox"/>	PM <input type="checkbox"/>	N/A <input checked="" type="checkbox"/>
Were any property owners NOT provided advance notice for work performed on this property on this date?	Yes <input type="checkbox"/>	No <input type="checkbox"/>	N/A <input checked="" type="checkbox"/>
Was the temporary fabric structure closed at the end of the day?	Yes <input type="checkbox"/>	No <input type="checkbox"/>	N/A <input checked="" type="checkbox"/>
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 <input type="checkbox"/>	No <input type="checkbox"/>	N/A <input checked="" type="checkbox"/>
If yes, has Contractor been notified?	Yes <input type="checkbox"/>	No <input type="checkbox"/>	N/A <input checked="" type="checkbox"/>
<u>Comments:</u>			

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

Date: 6/8/21



NEW YORK STATE
Department of
Environmental
Conservation

50

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

Date: 6/8/21

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

DAILY INSPECTION REPORT

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

Date: 6/8/21

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

DAILY INSPECTION REPORT

Page 4 of 9

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

Date: 6/8/21

Interaction with Public, Property Owners, Media, etc.

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

DAILY INSPECTION REPORT

Page 5 of 9

Report No. _____ (Site Name) - NYSDEC Site No. 152125 Date: 6/8/21

DAILY INSPECTION REPORT

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

Date: 6/8/21

Site Photographs (Descriptions Below)	

DAILY INSPECTION REPORT

Page 7 of 9

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

Date: 6/8/21

Comments	
Site Inspector(s):	Date:

DAILY INSPECTION REPORT

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

Date: 6/8/21

DAILY HEALTH CHECKLIST

Is social distancing being practiced?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>
Is the tail gate safety meeting held outdoors?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>
Are remote/call in job meetings being held in lieu of meeting in person where possible?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>
Were personal protective gloves, masks, and eye protection being used?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>
Are sanitizing wipes, wash stations or spray available?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>
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 <input type="checkbox"/>	No <input checked="" type="checkbox"/>
<u>Comments:</u> 		

REMEDIAL ACTIVITIES AT PROPERTIES

1. Have anyone at this location been tested and confirmed to have COVID-19?	Yes <input type="checkbox"/>	No <input checked="" type="checkbox"/>
2. Is anyone at this location isolated or quarantined for COVID-19?	Yes <input type="checkbox"/>	No <input checked="" type="checkbox"/>
3. Has anyone at this locaton had contact with anyone known to have COVID-19 in the past 14 days?	Yes <input type="checkbox"/>	No <input checked="" type="checkbox"/>
4. Does anyone at this locaton have any symptoms of a respiratory infection (e.g., cough, sore throat, fever, or shortness of breath)?	Yes <input type="checkbox"/>	No <input checked="" type="checkbox"/>
5. Does the Department and its contractors have your permission to enter the property at this time?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>
If Yes to <u>any</u> of 1-4 above: <ul style="list-style-type: none"> 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 <input type="checkbox"/>	No <input type="checkbox"/>

DAILY INSPECTION REPORT

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

Date: 6/8/21

Comments:

NUISANCE CHECKLIST

Were there any community complaints related to work on this date?	Yes <input type="checkbox"/>	No <input checked="" type="checkbox"/>	N/A <input type="checkbox"/>
Were there any odors detected on this date?	Yes <input type="checkbox"/>	No <input checked="" type="checkbox"/>	N/A <input type="checkbox"/>
Was noise outside specification and/or above background on this date?	Yes <input type="checkbox"/>	No <input checked="" type="checkbox"/>	N/A <input type="checkbox"/>
Were vibration readings outside specification and/or above background on this date?	Yes <input type="checkbox"/>	No <input type="checkbox"/>	N/A <input checked="" type="checkbox"/>
Any visible dust observed beyond the work perimeter on this date?	Yes <input type="checkbox"/>	No <input type="checkbox"/>	N/A <input checked="" type="checkbox"/>
Any visible contrast (turbidity) beyond engineering controls observed on this date?	Yes <input type="checkbox"/>	No <input type="checkbox"/>	N/A <input checked="" type="checkbox"/>
Was turbidity checked at the Montauk Highway outfall?	AM <input type="checkbox"/>	PM <input type="checkbox"/>	N/A <input checked="" type="checkbox"/>
Were any property owners NOT provided advance notice for work performed on this property on this date?	Yes <input type="checkbox"/>	No <input type="checkbox"/>	N/A <input checked="" type="checkbox"/>
Was the temporary fabric structure closed at the end of the day?	Yes <input type="checkbox"/>	No <input type="checkbox"/>	N/A <input checked="" type="checkbox"/>
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 <input type="checkbox"/>	No <input type="checkbox"/>	N/A <input checked="" type="checkbox"/>
If yes, has Contractor been notified?	Yes <input type="checkbox"/>	No <input type="checkbox"/>	N/A <input checked="" type="checkbox"/>
<u>Comments:</u>			

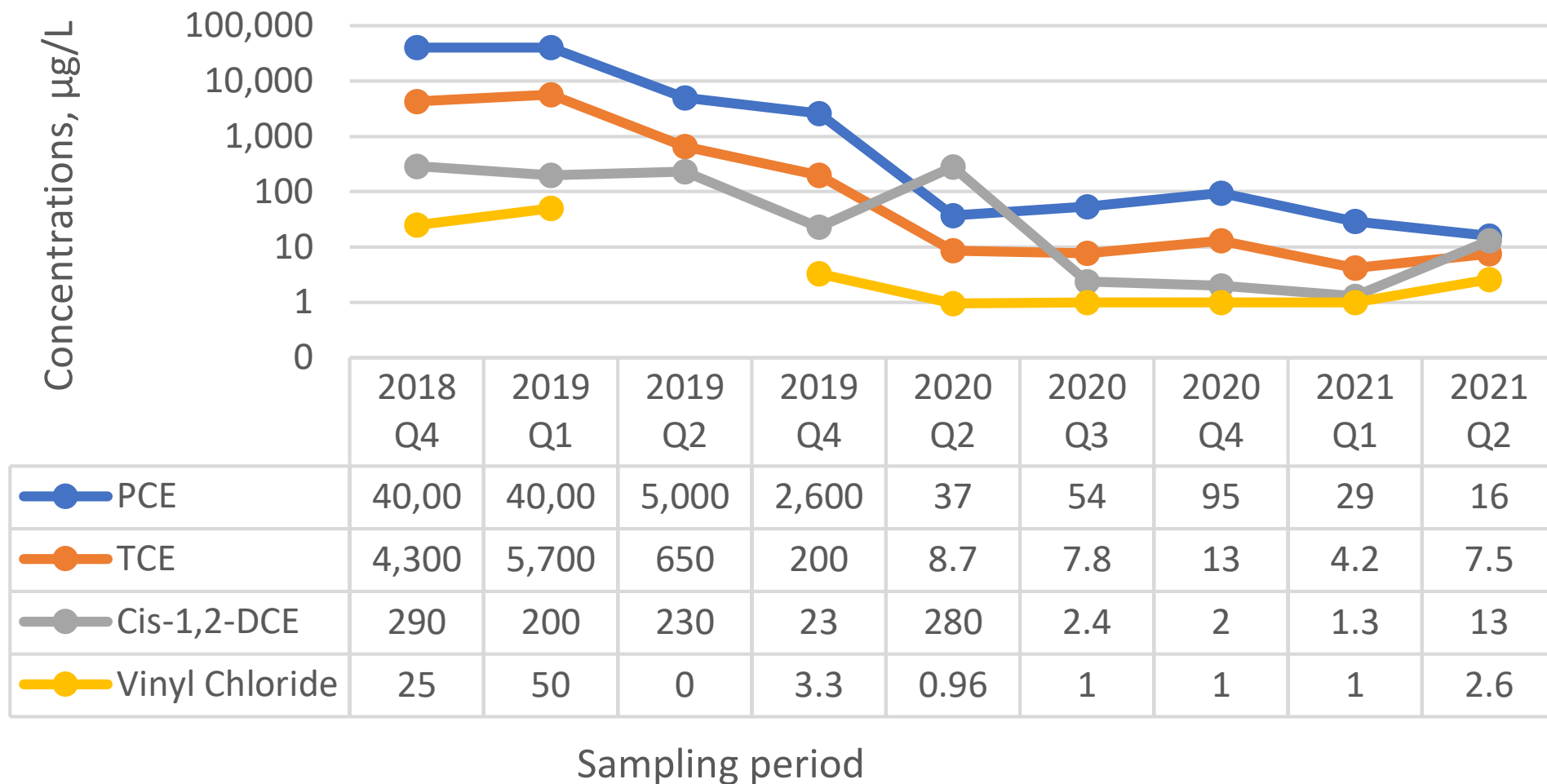


APPENDIX B

Temporal Variations of VOCs Concentrations

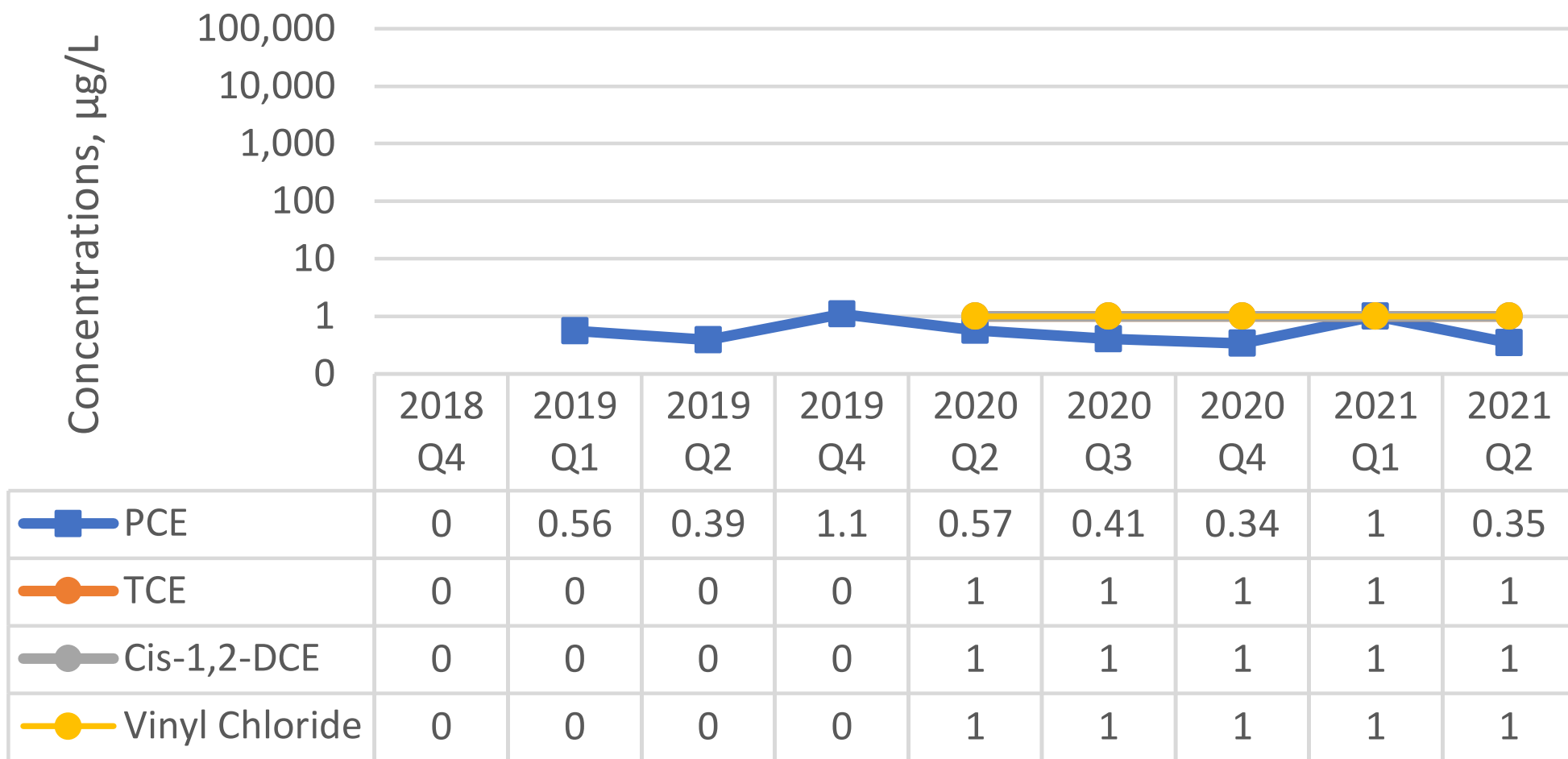
Temporal Variations of VOCs Concentrations
Active Industrial Uniform Superfund Site #152125
63 West Merrick Road, Lindenhurst, New York
HRP# DEC1004.OM

MW-4D



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

MW-5S



Sampling period

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

MW-103

Concentrations, µg/L

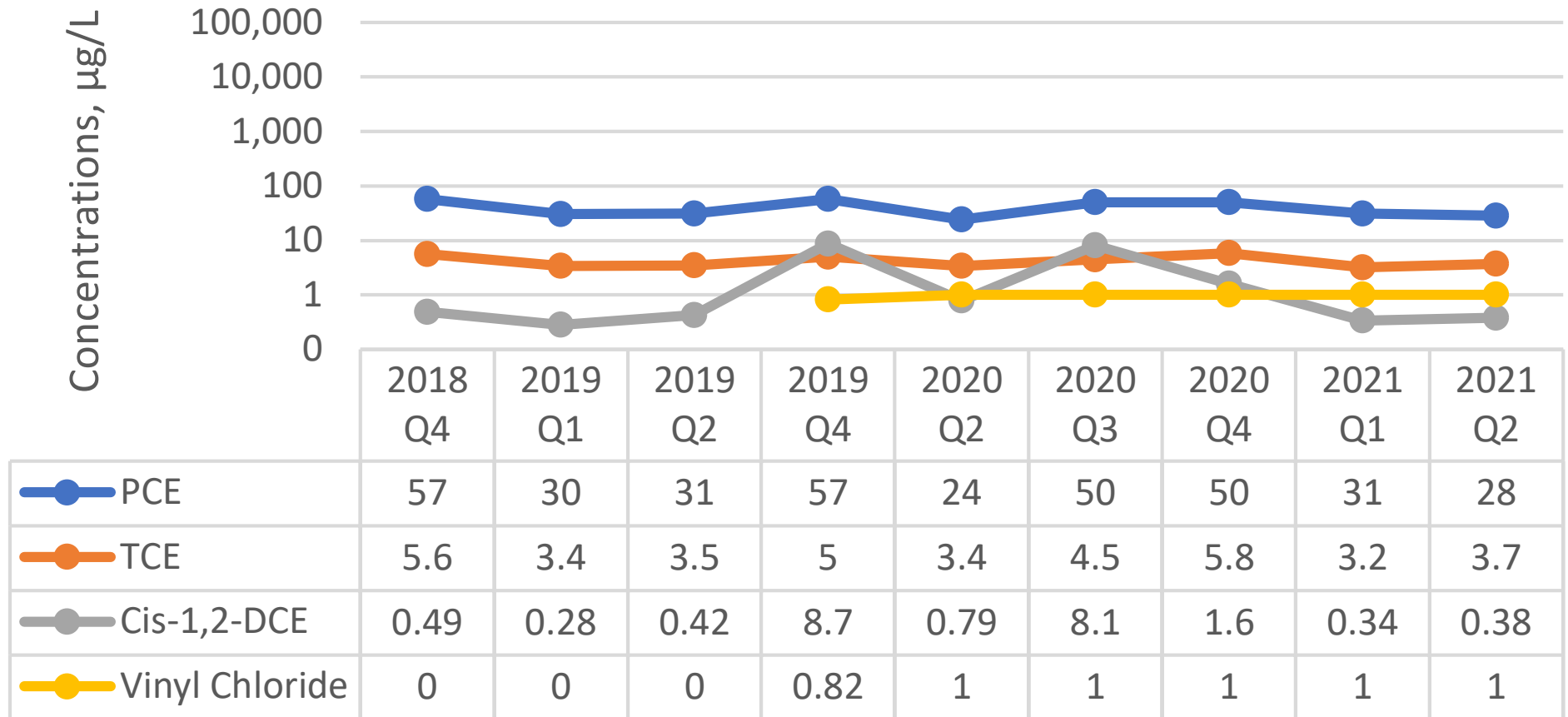
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1,000
100
10
1
0

	2018 Q4	2019 Q1	2019 Q2	2019 Q4	2020 Q2	2020 Q3	2020 Q4	2021 Q1	2021 Q2
—●— PCE	6.7	3	4.4	2.1	2.7	3	5.3	2.7	3.3
—●— TCE	0.42	0.59	0.49	0	0.66	0.64	0.65	0.61	0.33
—●— Cis-1,2-DCE	0	3.3	0	0	0.57	1	1	1	1
—●— Vinyl Chloride	0	1.9	0	0	1	1	1	1	1

Sampling period

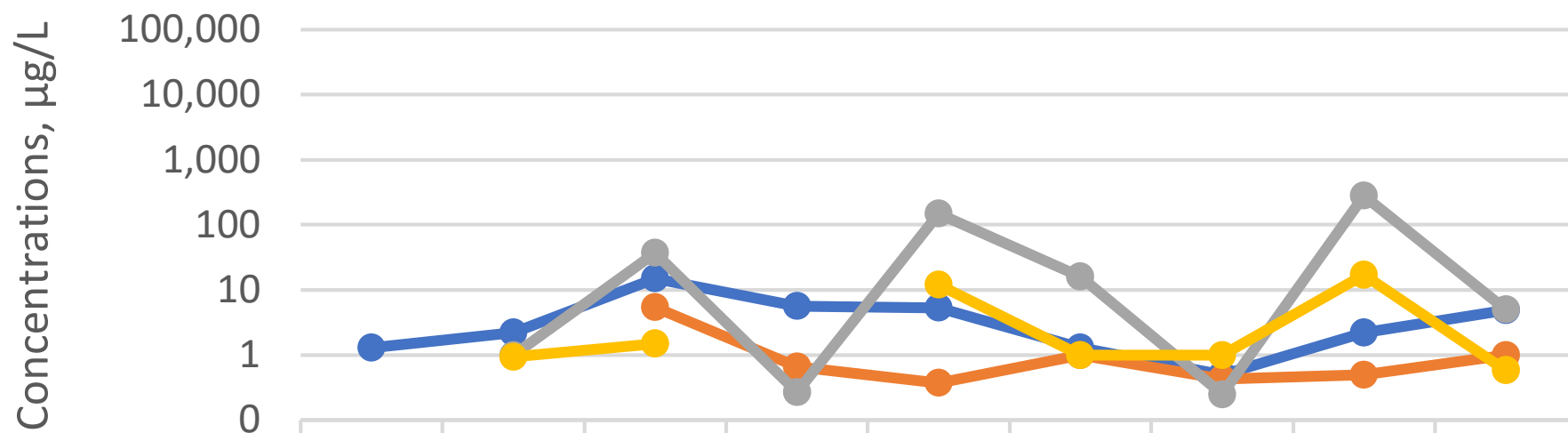
Temporal Variations of VOCs Concentrations
Active Industrial Uniform Superfund Site #152125
63 West Merrick Road, Lindenhurst, New York
HRP# DEC1004.OM

MW-104



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

MW-105



	2018 Q4	2019 Q1	2019 Q2	2019 Q4	2020 Q2	2020 Q3	2020 Q4	2021 Q1	2021 Q2
—●— PCE	1.3	2.2	15	5.6	5.3	1.3	0.5	2.2	4.9
—●— TCE	0	0	5.4	0.66	0.37	1	0.43	0.5	1
—●— Cis-1,2-DCE	0	1	37	0.27	150	16	0.25	280	5
—●— Vinyl Chloride	0	0.94	1.5	0	12	1	1	17	0.58

Sampling period

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

MW-106

Concentrations, µg/L

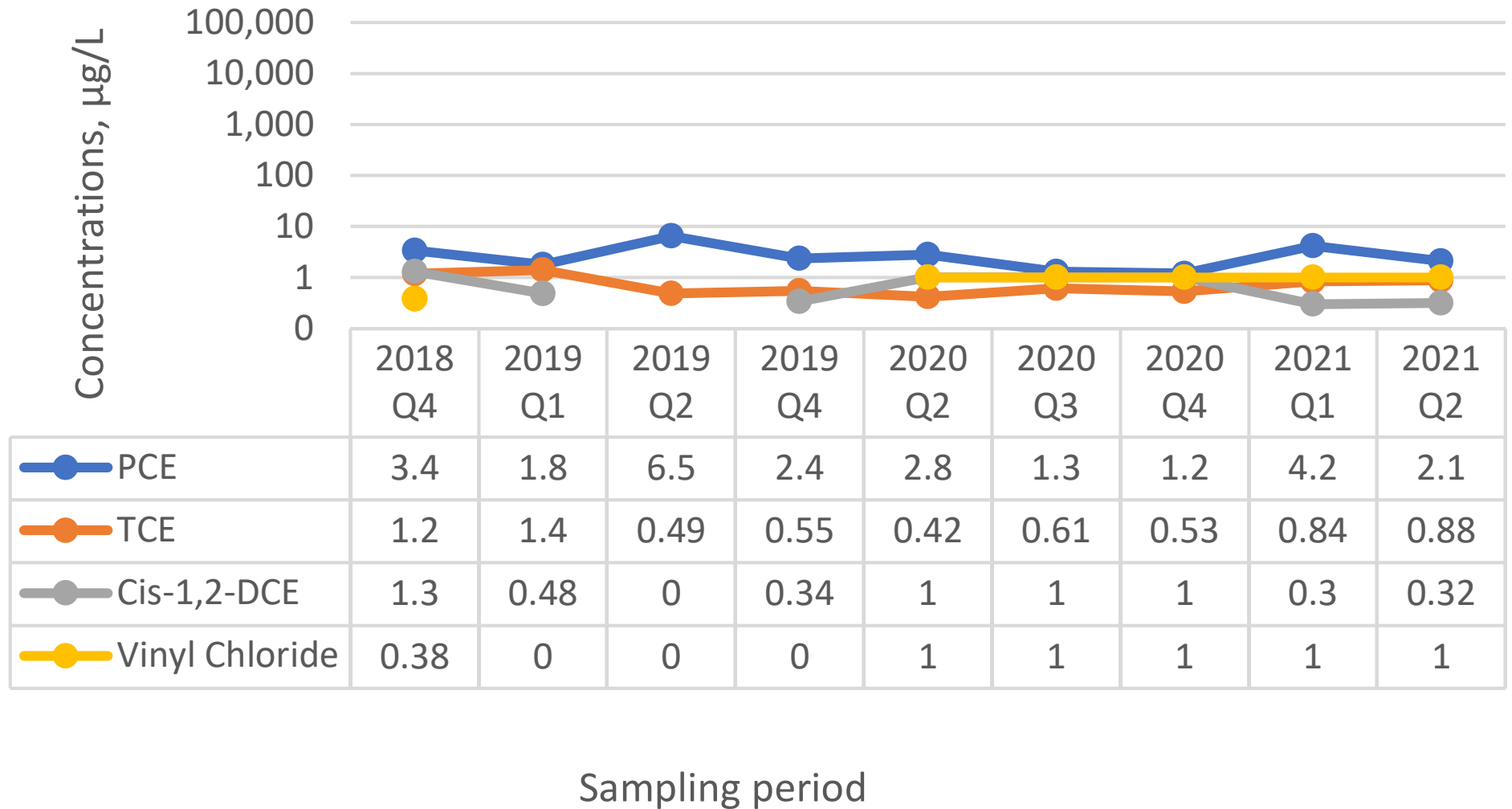
100,000
10,000
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100
10
1
0

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

Sampling period

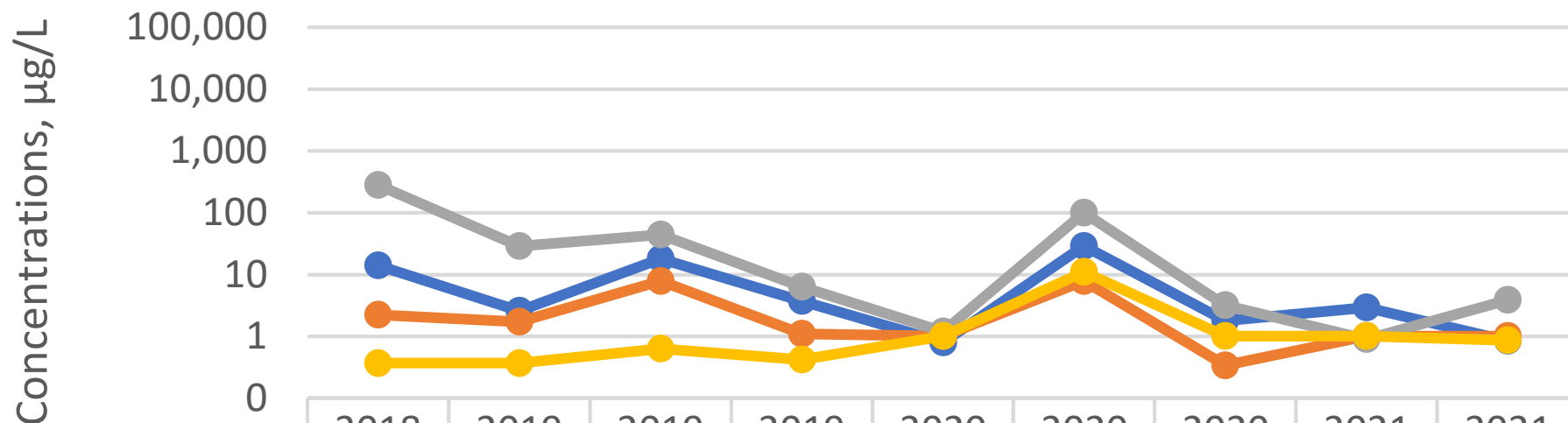
Temporal Variations of VOCs Concentrations
Active Industrial Uniform Superfund Site #152125
63 West Merrick Road, Lindenhurst, New York
HRP# DEC1004.OM

MW-107



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

MW-2S

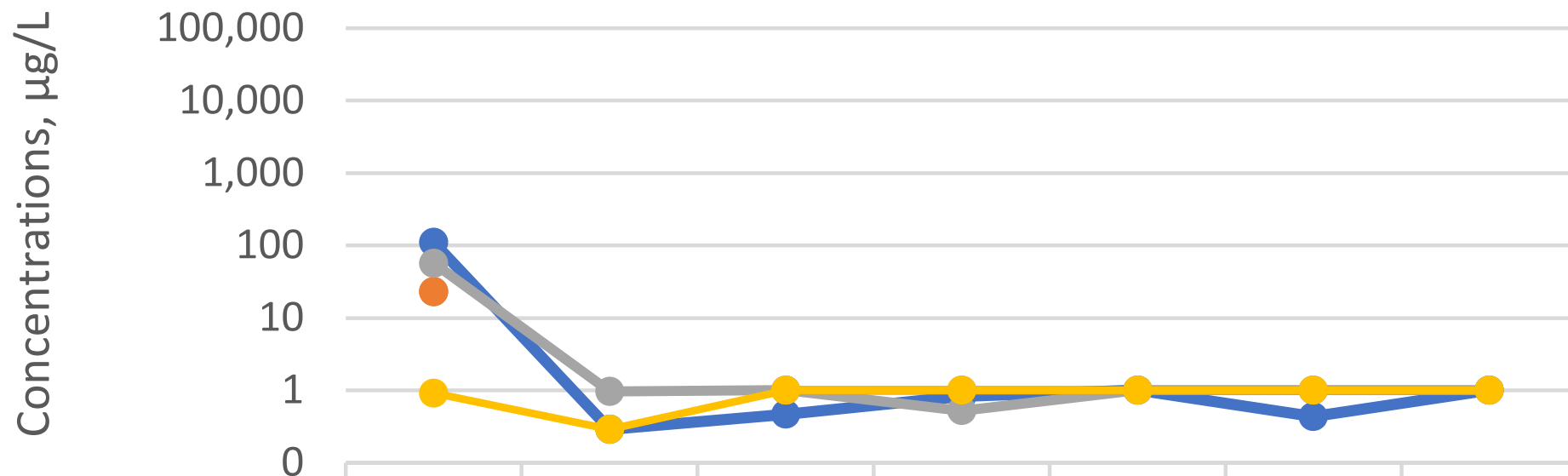


	2018 Q4	2019 Q1	2019 Q2	2019 Q4	2020 Q2	2020 Q3	2020 Q4	2021 Q1	2021 Q2
—●— PCE	14	2.6	18	3.7	0.8	29	1.8	2.9	0.85
—●— TCE	2.2	1.7	7.9	1.1	1	7.9	0.34	1	1
—●— Cis-1,2-DCE	280	29	44	6.3	1.2	100	3.2	0.9	3.9
—●— Vinyl Chloride	0.37	0.37	0.63	0.42	1	11	1	1	0.87

Sampling period

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

RW-1

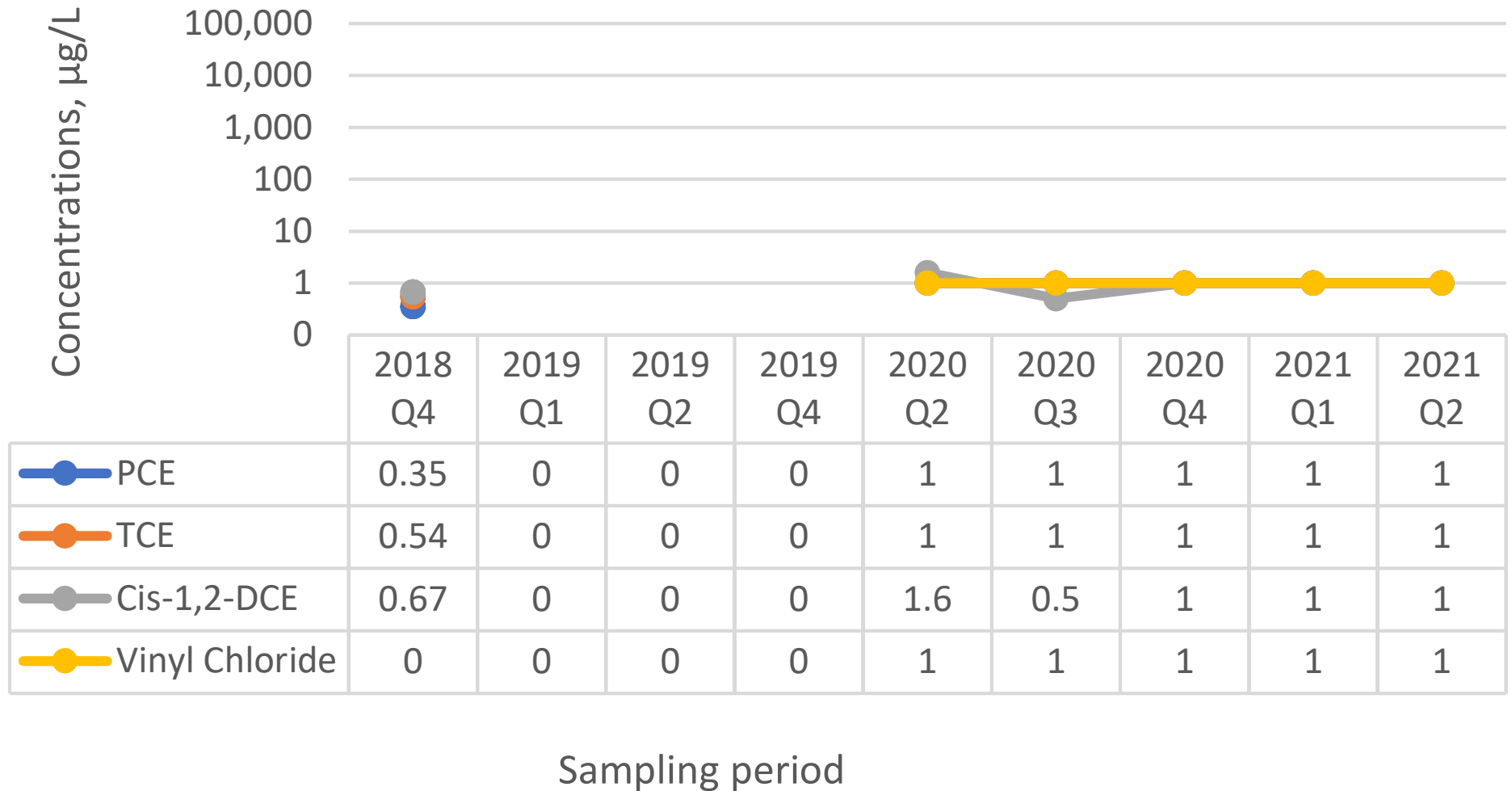


	2018 Q4	2019 Q4	2020 Q2	2020 Q3	2020 Q4	2021 Q1	2021 Q2
● PCE	110	0.29	0.47	0.83	1	0.43	1
● TCE	23	0	1	1	1	1	1
● Cis-1,2-DCE	57	0.96	1	0.52	1	1	1
● Vinyl Chloride	0.91	0.29	1	1	1	1	1

Sampling period

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

RW-2



APPENDIX C

Drum Sampling Analytical Report

**LONG
ISLAND
ANALYTICAL
LABORATORIES INC.****"TOMORROWS ANALYTICAL SOLUTIONS TODAY"**Laboratory ReportNYSDOH ELAP# 11693
USEPA# NY01273
CTDOH# PH-0284
AIHA# 164456
NJDEP# NY012
PADEP# 68-2943

LIAL# 1070714

July 14, 2021

ENP Environmental Inc
Gina Pantony
507A West Broadway
Long Beach, NY 11561**Re: 63 W. Montauk Hwy Lindenhurst NY**

Dear Gina Pantony,

Enclosed please find the laboratory Analysis Report(s) for sample(s) received on July 07, 2021. Long Island Analytical laboratories analyzed the samples on July 14, 2021 for the following:

SAMPLE ID	ANALYSIS
Drum Water Composite	EPA 608.3, EPA 8260 D, RCRA 8
Debris/Poly Composite	EPA 8082 A, EPA 8260 D, RCRA 8

Samples received at 2.5 ° C

If you have any questions or require further information, please call at your convenience. Long Island Analytical Laboratories Inc. is a NELAP accredited laboratory. All reported results meet the requirements of the NELAP standards unless noted. Report shall not be reproduced except in full without the written approval of the laboratory. Results related only to items tested. Long Island Analytical Laboratories would like to thank you for the opportunity to be of service to you.

Best Regards,

Long Island Analytical Laboratories, Inc.**Michael Veraldi - Laboratory Director**

Client: ENP Environmental Inc	Client ID: 63 W. Montauk Hwy Lindenhurst NY
Date (Time) Collected: 06/30/2021 15:10	Sample ID: Drum Water Composite
Date (Time) Received: 07/07/2021 12:16	Laboratory ID: 1070714-01
Matrix: Non-Potable Water	ELAP: #11693

Volatiles Analysis

Parameter	CAS No.	LOQ	Result	Units	Flag
1,1,1,2-Tetrachloroethane	630-20-6	5.00	<5.00	ug/L	
1,1,1-Trichloroethane	71-55-6	5.00	<5.00	ug/L	4.K, 4.M
1,1,2,2-Tetrachloroethane	79-34-5	5.00	<5.00	ug/L	
1,1,2-Trichloro-1,2,2-trifluoroethane	76-13-1	5.00	<5.00	ug/L	
1,1,2-Trichloroethane	79-00-5	5.00	<5.00	ug/L	
1,1-Dichloroethane	75-34-3	5.00	<5.00	ug/L	
1,1-Dichloroethene	75-35-4	5.00	<5.00	ug/L	
1,1-Dichloropropene	563-58-6	5.00	<5.00	ug/L	
1,2,3-Trichlorobenzene	87-61-6	5.00	<5.00	ug/L	
1,2,3-Trichloropropane	96-18-4	5.00	<5.00	ug/L	
1,2,4,5-Tetramethylbenzene	95-93-2	5.00	<5.00	ug/L	2.B
1,2,4-Trichlorobenzene	120-82-1	5.00	<5.00	ug/L	
1,2,4-Trimethylbenzene	95-63-6	5.00	<5.00	ug/L	
1,2-Dibromo-3-chloropropane	96-12-8	5.00	<5.00	ug/L	
1,2-Dibromoethane	106-93-4	5.00	<5.00	ug/L	
1,2-Dichlorobenzene	95-50-1	5.00	<5.00	ug/L	
1,2-Dichloroethane	107-06-2	5.00	<5.00	ug/L	4.K, 4.M
1,2-Dichloropropane	78-87-5	5.00	<5.00	ug/L	
1,3,5-Trimethylbenzene	108-67-8	5.00	<5.00	ug/L	
1,3-Dichlorobenzene	541-73-1	5.00	<5.00	ug/L	
1,3-Dichloropropane	142-28-9	5.00	<5.00	ug/L	
1,4-Dichlorobenzene	106-46-7	5.00	<5.00	ug/L	
1,4-Diethylbenzene	105-05-5	5.00	<5.00	ug/L	2.B
1,4-Dioxane	123-91-1	100	<100	ug/L	
2,2-Dichloropropane	594-20-7	5.00	<5.00	ug/L	4.K, 4.M
2-Chloroethyl Vinyl Ether	110-75-8	5.00	<5.00	ug/L	4.N
2-Chlorotoluene	95-49-8	5.00	<5.00	ug/L	
4-Chlorotoluene	106-43-4	5.00	<5.00	ug/L	
4-Ethyltoluene	622-96-8	5.00	<5.00	ug/L	2.B
4-Isopropyltoluene	99-87-6	5.00	<5.00	ug/L	

Client: ENP Environmental Inc	Client ID: 63 W. Montauk Hwy Lindenhurst NY
Date (Time) Collected: 06/30/2021 15:10	Sample ID: Drum Water Composite
Date (Time) Received: 07/07/2021 12:16	Laboratory ID: 1070714-01
Matrix: Non-Potable Water	ELAP: #11693

Parameter	CAS No.	LOQ	Result	Units	Flag
4-Methyl-2-Pentanone	108-10-1	5.00	<5.00	ug/L	
Acetone	67-64-1	10.0	<10.0	ug/L	1.B, 4.K
Acrolein	107-02-8	5.00	<5.00	ug/L	1.B, 4.K
Acrylonitrile	107-13-1	5.00	<5.00	ug/L	
Benzene	71-43-2	5.00	<5.00	ug/L	
Bromobenzene	108-86-1	5.00	<5.00	ug/L	
Bromochloromethane	74-97-5	5.00	<5.00	ug/L	4.M
Bromodichloromethane	75-27-4	5.00	<5.00	ug/L	
Bromoform	75-25-2	5.00	<5.00	ug/L	
Bromomethane	74-83-9	5.00	<5.00	ug/L	
Carbon disulfide	75-15-0	5.00	<5.00	ug/L	
Carbon Tetrachloride	56-23-5	5.00	<5.00	ug/L	4.K, 4.M
Chlorobenzene	108-90-7	5.00	<5.00	ug/L	
Chlorodifluoromethane	75-45-6	5.00	<5.00	ug/L	2.B
Chloroethane	75-00-3	5.00	<5.00	ug/L	
Chloroform	67-66-3	5.00	<5.00	ug/L	
Chloromethane	74-87-3	5.00	<5.00	ug/L	
cis-1,2-Dichloroethene	156-59-2	5.00	<5.00	ug/L	
cis-1,3-Dichloropropene	10061-01-5	5.00	<5.00	ug/L	
Dibromochloromethane	124-48-1	5.00	<5.00	ug/L	4.M
Dibromomethane	74-95-3	5.00	<5.00	ug/L	
Dichlorodifluoromethane	75-71-8	5.00	<5.00	ug/L	
Ethylbenzene	100-41-4	5.00	<5.00	ug/L	
Hexachlorobutadiene	87-68-3	5.00	<5.00	ug/L	
Isopropylbenzene (Cumene)	98-82-8	5.00	<5.00	ug/L	
m,p-Xylenes	108-38-3/106-42-3	10.0	<10.0	ug/L	
Methyl Acetate	79-20-9	5.00	<5.00	ug/L	
Methyl Butyl Ketone (2-Hexanone)	591-78-6	10.0	<10.0	ug/L	
Methyl Ethyl Ketone (2-Butanone)	78-93-3	10.0	<10.0	ug/L	

Client: ENP Environmental Inc	Client ID: 63 W. Montauk Hwy Lindenhurst NY
Date (Time) Collected: 06/30/2021 15:10	Sample ID: Drum Water Composite
Date (Time) Received: 07/07/2021 12:16	Laboratory ID: 1070714-01
Matrix: Non-Potable Water	ELAP: #11693

Parameter	CAS No.	LOQ	Result	Units	Flag
Methylene Chloride	75-09-2	5.00	<5.00	ug/L	
Methyl-tert-Butyl Ether	1634-04-4	5.00	<5.00	ug/L	
Naphthalene	91-20-3	5.00	<5.00	ug/L	
n-Butylbenzene	104-51-8	5.00	<5.00	ug/L	
n-Propylbenzene	103-65-1	5.00	<5.00	ug/L	
o-Xylene	95-47-6	5.00	<5.00	ug/L	
sec-Butylbenzene	135-98-8	5.00	<5.00	ug/L	
Styrene	100-42-5	5.00	<5.00	ug/L	
tert-Butyl alcohol	75-65-0	5.00	<5.00	ug/L	
tert-Butylbenzene	98-06-6	5.00	<5.00	ug/L	
Tetrachloroethene	127-18-4	5.00	<5.00	ug/L	
Toluene	108-88-3	5.00	<5.00	ug/L	
trans-1,2-Dichloroethene	156-60-5	5.00	<5.00	ug/L	
trans-1,3-Dichloropropene	10061-02-6	5.00	<5.00	ug/L	
Trichloroethene	79-01-6	5.00	<5.00	ug/L	
Trichlorofluoromethane	75-69-4	5.00	<5.00	ug/L	
Vinyl Acetate	108-05-4	5.00	<5.00	ug/L	
Vinyl chloride	75-01-4	5.00	<5.00	ug/L	

Surrogate	CAS No.	% Recovery	Rec. Limits	Flag
1,2-Dichloroethane-d4	10706-07-0	116	90.7-121	
4-Bromofluorobenzene	460-00-4	100	89.4-122	
Dibromofluoromethane	1868-53-7	117	74.4-131	
Toluene-d8	2037-26-5	98	92.7-114	

Internal Standard	CAS No.	% Recovery	Rec. Limits	Flag
1,4-Dichlorobenzene-d4	3855-82-1	85	50-200	
1,4-Difluorobenzene	540-36-3	95	50-200	
Chlorobenzene-d5	3114-55-4	95	50-200	
Pentafluorobenzene	363-72-4	102	50-200	

Date Prepared: 07/09/2021

Preparation Method: EPA 5030 C

Date Analyzed: 07/09/2021

Analytical Method: EPA 8260 D

Client: ENP Environmental Inc	Client ID: 63 W. Montauk Hwy Lindenhurst NY
Date (Time) Collected: 06/30/2021 15:10	Sample ID: Drum Water Composite
Date (Time) Received: 07/07/2021 12:16	Laboratory ID: 1070714-01
Matrix: Non-Potable Water	ELAP: #11693

PCB/Aroclor Analysis

Parameter	CAS No.	LOQ	Result	Units	Flag
Aroclor-1016	12674-11-2	0.625	<0.625	ug/L	
Aroclor-1221	11104-28-2	0.625	<0.625	ug/L	
Aroclor-1232	11141-16-5	0.625	<0.625	ug/L	
Aroclor-1242	53469-21-9	0.625	<0.625	ug/L	
Aroclor-1248	12672-29-6	0.625	<0.625	ug/L	
Aroclor-1254	11097-69-1	0.625	<0.625	ug/L	
Aroclor-1260	11096-82-5	0.625	<0.625	ug/L	
Aroclor-1262	37324-23-5	0.625	<0.625	ug/L	
Aroclor-1268	11100-14-4	0.625	<0.625	ug/L	

Surrogate	CAS No.	% Recovery	Rec. Limits	Flag
Decachlorobiphenyl	2051-24-3	90	34.8-127	
Tetrachloro-m-xylene	877-09-8	67	45.7-130	

Internal Standard	CAS No.	% Recovery	Rec. Limits	Flag
1-Bromo-2-Nitrobenzene	108-31-6	110	50-200	

Date Prepared: 07/08/2021

Preparation Method: EPA 608.3

Date Analyzed: 07/09/2021

Analytical Method: EPA 608.3

Client: ENP Environmental Inc	Client ID: 63 W. Montauk Hwy Lindenhurst NY
Date (Time) Collected: 06/30/2021 15:10	Sample ID: Drum Water Composite
Date (Time) Received: 07/07/2021 12:16	Laboratory ID: 1070714-01
Matrix: Non-Potable Water	ELAP: #11693

Total Metals Analysis

Parameter	Date Analyzed	Method	LOQ	Result	Units	Flag
Arsenic	07/14/2021	EPA 200.7, Rev. 4.4(1994)	0.05	<0.05	mg/L	
Barium	07/14/2021	EPA 200.7, Rev. 4.4(1994)	0.05	<0.05	mg/L	
Cadmium	07/14/2021	EPA 200.7, Rev. 4.4(1994)	0.05	<0.05	mg/L	
Chromium	07/14/2021	EPA 200.7, Rev. 4.4(1994)	0.05	<0.05	mg/L	
Lead	07/14/2021	EPA 200.7, Rev. 4.4(1994)	0.05	<0.05	mg/L	
Selenium	07/14/2021	EPA 200.7, Rev. 4.4(1994)	0.05	<0.05	mg/L	
Silver	07/14/2021	EPA 200.7, Rev. 4.4(1994)	0.05	<0.05	mg/L	4.K, 4.N

Date Prepared: 07/14/2021

Preparation Method: EPA 200.2

Parameter	Date Analyzed	Method	LOQ	Result	Units	Flag
Mercury	07/14/2021	EPA 245.1, Rev. 3.0(1994)	0.002	<0.002	mg/L	

Date Prepared: 07/12/2021

Preparation Method: EPA 245.1

Client: ENP Environmental Inc	Client ID: 63 W. Montauk Hwy Lindenhurst NY
Date (Time) Collected: 06/30/2021 15:15	Sample ID: Debris/Poly Composite
Date (Time) Received: 07/07/2021 12:16	Laboratory ID: 1070714-02
Matrix: Bulk Material	ELAP: #11693

Volatiles Low Level Analysis

Parameter	CAS No.	LOQ	Result	Units	Flag
1,1,1,2-Tetrachloroethane	630-20-6	33.3	<33.3	ug/kg wet	
1,1,1-Trichloroethane	71-55-6	33.3	<33.3	ug/kg wet	
1,1,2,2-Tetrachloroethane	79-34-5	33.3	<33.3	ug/kg wet	
1,1,2-Trichloro-1,2,2-trifluoroethane	76-13-1	33.3	<33.3	ug/kg wet	
1,1,2-Trichloroethane	79-00-5	33.3	<33.3	ug/kg wet	
1,1-Dichloroethane	75-34-3	33.3	<33.3	ug/kg wet	
1,1-Dichloroethene	75-35-4	33.3	<33.3	ug/kg wet	
1,1-Dichloropropene	563-58-6	33.3	<33.3	ug/kg wet	
1,2,3-Trichlorobenzene	87-61-6	33.3	<33.3	ug/kg wet	
1,2,3-Trichloropropane	96-18-4	33.3	<33.3	ug/kg wet	
1,2,4,5-Tetramethylbenzene	95-93-2	33.3	<33.3	ug/kg wet	2.B
1,2,4-Trichlorobenzene	120-82-1	33.3	<33.3	ug/kg wet	
1,2,4-Trimethylbenzene	95-63-6	33.3	<33.3	ug/kg wet	
1,2-Dibromo-3-chloropropane	96-12-8	33.3	<33.3	ug/kg wet	
1,2-Dibromoethane	106-93-4	33.3	<33.3	ug/kg wet	
1,2-Dichlorobenzene	95-50-1	33.3	<33.3	ug/kg wet	
1,2-Dichloroethane	107-06-2	33.3	<33.3	ug/kg wet	
1,2-Dichloropropane	78-87-5	33.3	<33.3	ug/kg wet	
1,3,5-Trimethylbenzene	108-67-8	33.3	<33.3	ug/kg wet	
1,3-Dichlorobenzene	541-73-1	33.3	<33.3	ug/kg wet	
1,3-Dichloropropane	142-28-9	33.3	<33.3	ug/kg wet	
1,4-Dichlorobenzene	106-46-7	33.3	<33.3	ug/kg wet	
1,4-Diethylbenzene	105-05-5	33.3	<33.3	ug/kg wet	2.B
1,4-Dioxane	123-91-1	167	<167	ug/kg wet	
2,2-Dichloropropane	594-20-7	33.3	<33.3	ug/kg wet	
2-Chloroethyl Vinyl Ether	110-75-8	33.3	<33.3	ug/kg wet	
2-Chlorotoluene	95-49-8	33.3	<33.3	ug/kg wet	
4-Chlorotoluene	106-43-4	33.3	<33.3	ug/kg wet	
4-Ethyltoluene	622-96-8	33.3	<33.3	ug/kg wet	2.B
4-Isopropyltoluene	99-87-6	33.3	<33.3	ug/kg wet	

Client: ENP Environmental Inc	Client ID: 63 W. Montauk Hwy Lindenhurst NY
Date (Time) Collected: 06/30/2021 15:15	Sample ID: Debris/Poly Composite
Date (Time) Received: 07/07/2021 12:16	Laboratory ID: 1070714-02
Matrix: Bulk Material	ELAP: #11693

Parameter	CAS No.	LOQ	Result	Units	Flag
4-Methyl-2-Pentanone	108-10-1	66.7	<66.7	ug/kg wet	
Acetone	67-64-1	133	<133	ug/kg wet	
Acrolein	107-02-8	66.7	<66.7	ug/kg wet	4.R
Acrylonitrile	107-13-1	66.7	<66.7	ug/kg wet	
Benzene	71-43-2	33.3	<33.3	ug/kg wet	
Bromobenzene	108-86-1	33.3	<33.3	ug/kg wet	
Bromochloromethane	74-97-5	33.3	<33.3	ug/kg wet	
Bromodichloromethane	75-27-4	33.3	<33.3	ug/kg wet	
Bromoform	75-25-2	33.3	<33.3	ug/kg wet	
Bromomethane	74-83-9	33.3	<33.3	ug/kg wet	
Carbon disulfide	75-15-0	33.3	<33.3	ug/kg wet	
Carbon Tetrachloride	56-23-5	33.3	<33.3	ug/kg wet	
Chlorobenzene	108-90-7	33.3	<33.3	ug/kg wet	
Chlorodifluoromethane	75-45-6	33.3	<33.3	ug/kg wet	2.B
Chloroethane	75-00-3	33.3	<33.3	ug/kg wet	
Chloroform	67-66-3	33.3	<33.3	ug/kg wet	
Chloromethane	74-87-3	33.3	<33.3	ug/kg wet	
cis-1,2-Dichloroethene	156-59-2	33.3	<33.3	ug/kg wet	
cis-1,3-Dichloropropene	10061-01-5	66.7	<66.7	ug/kg wet	
Dibromochloromethane	124-48-1	33.3	<33.3	ug/kg wet	
Dibromomethane	74-95-3	33.3	<33.3	ug/kg wet	
Dichlorodifluoromethane	75-71-8	33.3	<33.3	ug/kg wet	
Ethylbenzene	100-41-4	33.3	<33.3	ug/kg wet	
Hexachlorobutadiene	87-68-3	33.3	<33.3	ug/kg wet	4.K
Isopropylbenzene (Cumene)	98-82-8	33.3	<33.3	ug/kg wet	
m,p-Xylenes	108-38-3/106-42-3	66.7	<66.7	ug/kg wet	
Methyl Acetate	79-20-9	33.3	<33.3	ug/kg wet	
Methyl Butyl Ketone (2-Hexanone)	591-78-6	66.7	<66.7	ug/kg wet	
Methyl Ethyl Ketone (2-Butanone)	78-93-3	66.7	<66.7	ug/kg wet	



Client: ENP Environmental Inc	Client ID: 63 W. Montauk Hwy Lindenhurst NY
Date (Time) Collected: 06/30/2021 15:15	Sample ID: Debris/Poly Composite
Date (Time) Received: 07/07/2021 12:16	Laboratory ID: 1070714-02
Matrix: Bulk Material	ELAP: #11693

Parameter	CAS No.	LOQ	Result	Units	Flag
Methylene Chloride	75-09-2	33.3	<33.3	ug/kg wet	
Methyl-tert-Butyl Ether	1634-04-4	33.3	<33.3	ug/kg wet	
Naphthalene	91-20-3	66.7	<66.7	ug/kg wet	
n-Butylbenzene	104-51-8	33.3	<33.3	ug/kg wet	
n-Propylbenzene	103-65-1	33.3	<33.3	ug/kg wet	
o-Xylene	95-47-6	33.3	<33.3	ug/kg wet	
sec-Butylbenzene	135-98-8	33.3	<33.3	ug/kg wet	
Styrene	100-42-5	33.3	<33.3	ug/kg wet	
tert-Butyl alcohol	75-65-0	66.7	<66.7	ug/kg wet	
tert-Butylbenzene	98-06-6	33.3	<33.3	ug/kg wet	
Tetrachloroethene	127-18-4	33.3	<33.3	ug/kg wet	
Toluene	108-88-3	33.3	<33.3	ug/kg wet	
trans-1,2-Dichloroethene	156-60-5	33.3	<33.3	ug/kg wet	
trans-1,3-Dichloropropene	10061-02-6	33.3	<33.3	ug/kg wet	
Trichloroethene	79-01-6	33.3	<33.3	ug/kg wet	
Trichlorofluoromethane	75-69-4	33.3	<33.3	ug/kg wet	
Vinyl Acetate	108-05-4	33.3	<33.3	ug/kg wet	4.K, 4.R
Vinyl chloride	75-01-4	33.3	<33.3	ug/kg wet	

Surrogate	CAS No.	% Recovery	Rec. Limits	Flag
1,2-Dichloroethane-d4	10706-07-0	101	72.1-142	
4-Bromofluorobenzene	460-00-4	112	76.1-131	
Dibromofluoromethane	1868-53-7	95	77.6-135	
Toluene-d8	2037-26-5	103	77.8-124	

Internal Standard	CAS No.	% Recovery	Rec. Limits	Flag
1,4-Dichlorobenzene-d4	3855-82-1	51	50-200	
1,4-Difluorobenzene	540-36-3	72	50-200	
Chlorobenzene-d5	3114-55-4	67	50-200	
Pentafluorobenzene	363-72-4	71	50-200	

Date Prepared: 07/09/2021

Preparation Method: EPA 5035A-L

Date Analyzed: 07/10/2021

Analytical Method: EPA 8260 D

Client: ENP Environmental Inc	Client ID: 63 W. Montauk Hwy Lindenhurst NY
Date (Time) Collected: 06/30/2021 15:15	Sample ID: Debris/Poly Composite
Date (Time) Received: 07/07/2021 12:16	Laboratory ID: 1070714-02
Matrix: Bulk Material	ELAP: #11693

PCB/Aroclor Analysis

Parameter	CAS No.	LOQ	Result	Units	Flag
Aroclor-1016	12674-11-2	129	<129	ug/kg wet	3.A
Aroclor-1221	11104-28-2	129	<129	ug/kg wet	3.A
Aroclor-1232	11141-16-5	129	<129	ug/kg wet	3.A
Aroclor-1242	53469-21-9	129	<129	ug/kg wet	3.A
Aroclor-1248	12672-29-6	129	<129	ug/kg wet	3.A
Aroclor-1254	11097-69-1	129	<129	ug/kg wet	3.A
Aroclor-1260	11096-82-5	129	<129	ug/kg wet	3.A
Aroclor-1262	37324-23-5	129	<129	ug/kg wet	3.A
Aroclor-1268	11100-14-4	129	<129	ug/kg wet	3.A

Surrogate	CAS No.	% Recovery	Rec. Limits	Flag
Decachlorobiphenyl	2051-24-3	101	19.3-165	3.E
Tetrachloro-m-xylene	877-09-8	124	35.2-156	3.E

Internal Standard	CAS No.	% Recovery	Rec. Limits	Flag
1-Bromo-2-Nitrobenzene	108-31-6	112	50-200	

Date Prepared: 07/09/2021

Preparation Method: EPA 3545 A

Date Analyzed: 07/12/2021

Analytical Method: EPA 8082 A

Client: ENP Environmental Inc	Client ID: 63 W. Montauk Hwy Lindenhurst NY
Date (Time) Collected: 06/30/2021 15:15	Sample ID: Debris/Poly Composite
Date (Time) Received: 07/07/2021 12:16	Laboratory ID: 1070714-02
Matrix: Bulk Material	ELAP: #11693

Total Metals Analysis

Parameter	Date Analyzed	Method	LOQ	Result	Units	Flag
Arsenic	07/09/2021	EPA 6010 D	1.67	2.89	mg/kg wet	
Barium	07/12/2021	EPA 6010 D	16.1	495	mg/kg wet	3.E
Cadmium	07/09/2021	EPA 6010 D	1.65	3.69	mg/kg wet	
Chromium	07/09/2021	EPA 6010 D	1.67	204	mg/kg wet	
Lead	07/09/2021	EPA 6010 D	1.67	154	mg/kg wet	
Selenium	07/09/2021	EPA 6010 D	3.33	<3.33	mg/kg wet	
Silver	07/12/2021	EPA 6010 D	4.00	101	mg/kg wet	

Date Prepared: 07/09/2021

Preparation Method: EPA 3050B

Parameter	Date Analyzed	Method	LOQ	Result	Units	Flag
Mercury	07/14/2021	EPA 7471 B	0.02	<0.02	mg/kg wet	

Date Prepared: 07/12/2021

Preparation Method: EPA 7471 B

Data Qualifiers Key Reference:

1.B	Holding time exceeded, results cannot be used for regulatory purposes.
2.B	Parameter not certifiable by NELAP.
3.A	Reporting limit raised due to matrix interference.
3.E	Compound reported at a dilution factor.
4.K	Continuing Calibration Verification (CCV) quality control levels failed high, values are considered to be estimated.
4.M	LCS recovery was above QC acceptance limit.
4.N	LCS recovery was below QC acceptance limit.
4.R	Initial Calibration Verification (ICV) quality control levels low, values are considered to be estimated.
4.Y	Blank Spike/Blank Spike Dup RPD is above acceptable range.
MDL	Minimum Detection Limit
LOQ	Limit of Quantitation

CHAIN OF CUSTODY / REQUEST FOR ANALYSIS DOCUMENT

CLIENT NAME/ADDRESS <i>EMP Environmental</i>				CONTACT: PHONE: EMAIL:		SAMPLER (SIGNATURE) <i>Chris Holder</i>		SAMPLER NAME (PRINT) <i>Chris Holder</i>		SAMPLE(S) SEALED YES / NO <input checked="" type="checkbox"/>		CORRECT CONTAINER(S) YES / NO <input checked="" type="checkbox"/>		CHAIN # 1070714	
PROJECT LOCATION: <i>63 V Montauk Hwy Lindhurst NY</i>				TERMS & CONDITIONS: Accounts are payable in full within thirty days, outstanding balances accrue service charges of 1.5% per month. Tendering of samples to LIAL for analytical testing constitutes agreement by buyer/sampler to LIAL's Standard terms		SAMPLES RECEIVED AT <i>25 °C</i>		ANALYSIS REQUIRED <i>8260 RCRA Metals PCBS</i>							
LABORATORY ID #	MATRIX	TYPE	PH	RES. CHLORINE	PRES.	DATE	TIME	SAMPLE # LOCATION							# OF CONTAINERS
1. 10101401	WW	G				6/30	15:10	Drum Motor Composite	X	X	X				2
2. ↓ 01 BM G						15:15		Debris/Poly Composite	X	X	X				1
3.															
4.															
5.															
6.															
7.															
8.															
9.															
10.															
11.															
12.															
13.															
14.															

Sample Preserved w/ HNO3 by client

MATRIX: S=SOIL; SL=SLUDGE; DW=DRINKING WATER; A=AIR; W=WPE;
PC=PAINT CHIPS; BM= BULK MATERIAL; O=OIL; WW=WASTE WATER
TYPE: G=GRAB; C=COMPOSITE; SS=SPLIT SPOON
PRES: (1) ICE; (2) HCL; (3) H2SO4; (4) NaOH; (5) Na2S2O3; (6) HNO3; (7) OTHER

TURNAROUND REQUIRED: ☒ NORMAL ☐ STAT

COMMENTS / INSTRUCTIONS
Chris billed

RELINQUISHED BY (SIGNATURE) <i>Chris Holder</i>	DATE 7/1/16	PRINTED NAME Chris Holder	RECEIVED BY (SIGNATURE) <i>Ben Lamberson</i>	DATE 7-1-16	PRINTED NAME Ben Lamberson
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