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"QUALITY SERVICE AT AN HONEST PRICE"

August 14, 2021
Project No. 14-PSA-003

Mr. Daniel Lanners, Project Manager
NYSDEC, Region 3
21 South Putt Corners Road
New Paltz, NY 12561.

Re: June 2021 Semi-Annual Monitoring Results
Taylor's Lane Compost Site, Mamaroneck, New York
NYSDEC Site Number 360021

Dear Mr. Lanners:

Zion Environmental, LLC (Zion) personnel conducted the Semi-Annual Groundwater Sampling Event at the Taylor's Lane Compost Site in Mamaroneck, New York on June 10, 2021. This Semi-Annual Monitoring Report summarizes all activities performed and results obtained in association with the groundwater sampling, gas vent, and soil gas migration monitoring. The monitoring was completed in accordance with the Post Closure Operation and Maintenance Plan for the Taylor Lane Compost Site prepared by EMCON/Wehran-New York, February 1998.

FIELD PROGRAM

Groundwater Monitoring

Six groundwater monitoring wells (MW-1S, MW-1D, MW-2S, MW-2D, MW-3S and MW-3D) were purged and sampled on June 10, 2021. Historically these six flush mount wells were located in Taylor Lane. However, because of periodic artesian conditions in several of the wells, the wellhead areas were often wet and the ponded water around the flush mount wellheads would freeze during the winter months. These wells were abandoned, and relocated off Taylor Lane and adjacent to the Landfill in March 2008.

Wells MW-1S, MW-1D, MW-2S, MW-2D, MW-3S and MW-3D along Taylor Lane were purged and allowed to recharge prior to the sampling of the wells. The information obtained during the process of purging and the amount that was purged for each well can be found on the field data sheet provided in Attachment 4.

The collected samples were packed in ice, picked up by a courier, and transported to York Analytical Laboratory in Stamford, CT the day of the sampling event. The samples were analyzed for metals (arsenic, cadmium, copper, lead, mercury, and zinc), as well as for volatile organic compounds (VOCs). In addition to laboratory groundwater analyses, the following field parameters were measured and recorded on-site: pH, temperature, conductivity, ORP, and turbidity. Field parameters pH, temperature, and ORP were measured utilizing an Oakton pH 310 Series waterproof meter. Conductivity was measured utilizing an Oakton con 400 Series waterproof meter. Turbidity was measured utilizing a LaMotte 2020 Turbidity meter.

Summary tables for the metals and VOC analytical results, and field data are provided in Attachment 1, Tables 1-3. The laboratory report is included in Attachment 2. Drawing 1 depicts the monitoring well locations and the groundwater contour map and is provided in Attachment 5.

Landfill Gas Vent and Bar Hole Monitoring

Landfill gas vent monitoring was performed on June 10, 2021. Gas vents GV-1 through GV-8 were monitored for percent combustible gas and total organic vapors. Soil gas monitoring was also conducted at predetermined locations (BH-1 through BH-13) along the perimeter of the landfill in order to detect any migrating gases. A MiniRae PID was utilized to monitor VOCs and a Landtec GEM-500 was utilized to monitor percent methane gas (CH_4), carbon dioxide (CO_2), and oxygen (O_2) at gas vents GV-1 through GV-8 and bar holes BH-1 through BH-13. Both the groundwater and soil gas monitoring were performed in accordance with the Post Closure Operation and Maintenance Plan for the Taylor Lane Compost Site prepared by EMCON/Wehran-New York, Inc. in February 1998. This data is summarized in Attachment 3, Table 4.

RESULTS

Groundwater Monitoring Results

During the sampling event on August 21, 2019, it was noted that wells MW-3S and MW-3D had a white slimy substance at the top of the water column that coated the end of the rope and bailer of these two wells. This substance was still present during the February 24, 2020, August 31, 2020, and the June 10, 2021, sampling events. The white substance also had a petrol odor. Due to the unknown identity of the substance at the time, three to five gallons were purged from each well into a 5-gallon bucket. The white, slimy substance could be the result of the TBA aerobic biodegradation process when it is exposed to oxygen. It was also noted, that in both wells MW-2S and MW-2D, the protective casing is rotting out of the bottom. Both are rusted through and are free moving. It is recommended that both protective casings be replaced before the inner well PVC is damaged.

A review of the groundwater analytical data indicated that the inorganic constituent lead was detected at concentrations above the New York State Department of Conservation (NYSDEC) Part 703 Groundwater Standard of 25.0 ug/l in wells MW-1S at 112 ug/l and MW-2S at 81.3 ug/l. Arsenic was detected at concentrations above the New York State Department of Conservation (NYSDEC) Part 703 Groundwater Standard of 25.0 ug/l in well MW-1S at 43.5 ug/l. All other inorganic constituents were non-detect or below NYSDEC Part 703 Groundwater

Standards. Summary tables for the inorganic analytical results are provided in Attachment 1, Table 1.

During the June 10, 2021, sampling event, no VOCS were detected. Summary tables for the VOC analytical results are provided in Attachment 1, Table 2. Summary tables for the field data are provided in Attachment 1, Table 3. The laboratory report is included in Attachment 2.

Gas Vent and Bar Hole Monitoring Results

As shown in the photoionization detector (PID) readings, volatile organic vapors were not detected (0.0 ppm) in any of the gas vents or perimeter bar hole monitoring locations during the June 10, 2021, sampling event. Methane was detected at GV-4 at a concentration of 1.2% methane gas and GV-5 at a concentration of 6.2% methane gas.

Gas vent and bar hole locations are depicted on Drawing 1. Results for the June 2021 gas vent and bar hole monitoring are provided in Attachment 3, Table 4.

If you should have any questions regarding the above information, please do not hesitate to contact me at 845-649-9346.

Sincerely,



Brian Nichols,
Vice President - CPM

Attachment 1 – Tables 1-3, Summary Tables for Analytical Parameters and Field Data

Attachment 2 – Laboratory Results

Attachment 3 – Table 4, Gas Vent and Bar Hole Monitoring Data

Attachment 4 – Field Data Sheet

Attachment 5 – Drawing No. 1

cc: Mr. Daniel Bendell, NYSDEC, Region 3

Mr. Dan Sarnoff, Village Manager, Village of Mamaroneck

Attachment 1

Tables 1-3

Table – 1

Summary of Inorganic Parameters

ATTACHMENT 1
Table 1
Summary of Inorganic Parameters
Taylor's Lane Compost Site
Village of Mamaroneck

Analytical Parameter	Sampling Date	MW-1S	MW-1D	MW-2S	MW-2D	MW-3S	MW-3D
Arsenic ($\mu\text{g/L}$)	5/22/1997	3.7 J	4.9 J	4.4 J	7.9 J	7.1 J	7.2 J
	11/14/1997	17.2	5.2 J	5.9 J	4.6 J	14.4	9.1 J
	5/19/1998	8.3 J	9.1 J	7.6 J	7.6 J	15.2	13.1
GW Standard 25.0 $\mu\text{g/L}$	11/5/1998	24.5	34.2	21.4	13.4	2.2 U	2.2 U
	5/25/1999	6.8 U					
	11/18/1999	2.9 U	2.9 U	2.9 U	2.9 U	7.8	2.9 U
	6/28/2000	2.9 U	2.9 U	2.9 U	2.9 U	3.6 J	2.9 U
	11/15/2000	11.2	10 U				
	6/20/2001	3.5 U	3.5 U	3.5 U	3.5 U	6.87	3.5 U
	11/29/2001	10 U					
	6/26/2002	10 U					
	11/19/2002	10 U					
	6/24/2003	10 U					
	11/17/2003	10 U					
	6/21/2004	10 U					
	11/22/2004	10 U					
	6/22/2005	10 U					
	11/22/2005	10 U					
	7/5/2006	10 U					
	11/27/2006	10 U	10 U	10 U	10 U	22.6	10 U
	6/27/2007	10 U	21.9				
	1/9/2008	10 U					
	7/23/2008	19.9	10 U	10 U	10 U	11.6	10 U
	2/20/2009	12	10 U				
	8/27/2009	10 U					
	2/25/2010	16	10 U	10 U	10 U	11	10 U
	8/26/2010	10 U					
	2/23/2011	10 U					
	8/2/2011	19.8	10 U				
	2/20/2012	10 U					
	8/30/2012	10 U					
	2/19/2013	10 U					
	8/14/2013	10 U					
	2/26/2014	4.45	4 U	NA	4 U	4 U	4 U
	10/2/2014	6.13	4 U	4 U	4 U	4 U	4 U
	2/24/2015	5.89	4 U	4 U	4 U	4 U	4 U
	8/6/2015	11.6	4.28	4 U	4 U	4 U	4 U
	3/9/2016	10.2	4 U	4 U	4 U	4 U	4 U
	8/12/2016	9.8	4 U	6.66	4 U	4 U	4 U
	2/1/2017	9.53	4 U	4 U	4 U	4 U	4.67
	8/17/2017	12.2	6.18	4.59	4 U	4 U	7.36
	2/15/2018	7.48	4 U	4 U	4 U	4 U	4 U
	8/2/2018	4 U	4 U	4 U	4 U	4 U	4 U
	2/5/2019	22.6	4 U	4 U	4 U	4 U	4 U
	8/21/2019	4 U	4 U	4 U	4 U	4 U	4 U
	2/24/2020	4 U	4 U	4 U	4 U	4 U	4 U
	8/31/2020	188	4 U	4 U	4 U	4 U	4 U
	6/10/2021	43.5	4 U	4 U	4 U	4 U	4 U

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Analytical Parameter	Sampling Date	MW-1S	MW-1D	MW-2S	MW-2D	MW-3S	MW-3D
Cadmium ($\mu\text{g/L}$)	5/22/1997	0.3 U	0.3 U				
	11/14/1997	3.3 J	0.6 U	1.2 J	0.85 J	2.8 J	1.9 J
	5/19/1998	0.81 J	0.2 J	0.67 J	0.36 J	1.3 J	2.6 J
GW Standard 5.0 $\mu\text{g/L}$	11/5/1998	1.1 J	0.75 U	0.87 J	1.2 J	4.2 J	0.75 U
	5/25/1999	1.4 J	0.57 U	0.57 U	0.57 U	0.57 U	4.9 J
	11/18/1999	2.8	0.34 U	2.1	0.34 U	4.8	1.6
	6/28/2000	1.1 J	0.22 U	1.4 J	0.22 U	1.1 J	0.22 U
	11/15/2000	5 U	5 U	5 U	5 U	5 U	5.1
	6/20/2001	3.21	2.33	4	0.85 U	4.54	0.85 U
	11/29/2001	5 U	5 U	5 U	5 U	5 U	5 U
	6/26/2002	5 U	5 U	5 U	5 U	5 U	5 U
	11/19/2002	5 U	5 U	5 U	5 U	5 U	5 U
	6/24/2003	5 U	5 U	5 U	5 U	5 U	5 U
	11/17/2003	5 U	5 U	5 U	5 U	5 U	5 U
	6/21/2004	5 U	5 U	5 U	5 U	5 U	5 U
	11/22/2004	5 U	5 U	5 U	5 U	5 U	5 U
	6/22/2005	5 U	5 U	5 U	5 U	5 U	5 U
	11/22/2005	5 U	5 U	5 U	5 U	5 U	5 U
	7/5/2006	5 U	5 U	5 U	5 U	5 U	5 U
	11/27/2006	5 U	5 U	5 U	5 U	10.4	5 U
	6/27/2007	5 U	5 U	5 U	5 U	5 U	5 U
	1/9/2008	5 U	5 U	5 U	5 U	5 U	5 U
	7/23/2008	5 U	5 U	5 U	5 U	5 U	5 U
	2/20/2009	5 U	5 U	5 U	5 U	5 U	5 U
	8/27/2009	5 U	5 U	5 U	5 U	5 U	5 U
	2/25/2010	5 U	5 U	5 U	5 U	5 U	5 U
	8/26/2010	5 U	5 U	5 U	5 U	5 U	5 U
	2/23/2011	3 U	3 U	3 U	3 U	3 U	3 U
	8/2/2011	4.9	3 U	3 U	3 U	3 U	3 U
	2/20/2012	3 U	3 U	3 U	3 U	3 U	3 U
	8/30/2012	3 U	3 U	3 U	3 U	3 U	3 U
	2/19/2013	3 U	3 U	3 U	3 U	3 U	3 U
	8/14/2013	3 U	3 U	3 U	3 U	3 U	3 U
	2/26/2014	3 U	3 U	NA	3 U	3 U	3 U
	10/2/2014	3 U	3 U	3 U	3 U	3 U	3 U
	2/24/2015	3 U	3 U	3 U	3 U	3 U	3 U
	8/6/2015	3 U	3 U	3 U	3 U	3 U	3 U
	3/9/2016	3 U	3 U	3 U	3 U	3 U	3 U
	8/12/2016	3 U	3 U	3 U	3 U	3 U	3 U
	2/1/2017	3 U	3 U	3 U	3 U	3 U	3 U
	8/17/2017	3 U	3 U	3 U	3 U	3 U	3 U
	2/15/2018	3 U	3 U	3 U	3 U	3 U	3 U
	8/2/2018	3 U	3 U	3 U	3 U	3 U	3 U
	2/5/2019	3 U	3 U	3 U	3 U	3 U	3 U
	8/21/2019	3 U	3 U	3 U	3 U	3 U	3 U
	2/24/2020	3 U	3 U	3 U	3 U	3 U	3 U
	8/31/2020	3 U	3 U	3 U	3 U	3 U	3 U
	6/10/2021	3 U	3 U	3 U	3 U	3 U	3 U

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Copper ($\mu\text{g/L}$)	5/22/1997	5.7 J	3.6 J	19.9 J	1.7 U	18.8 J	14.5 J
	11/14/1997	46.5	13.1 J	34.2	7.7 J	74.3	35.3
	5/19/1998	9.3 J	3.7 J	5.7 J	4.5 J	26.8	12.3 J
GW Standard 200.0 $\mu\text{g/L}$	11/5/1998	8.3 J	16.6 J	13.9 J	77.4	15.5 J	85.8
	5/25/1999	6.8 J	21.4 J	7.2 J	18.5 J	9.4 J	17.5 J
	11/18/1999	21.8	23.1	103	7.6	478	22.1
	6/28/2000	3.7 U	15 J	36	3.7 U	255	3.7 U
	11/15/2000	87	38.4	20 U	20 U	43.2	20 U
	6/20/2001	10.3	17.7	145	17.1	520	16
	11/29/2001	20 U	20 U	25.9	20 U	204	20 U
	6/26/2002	20 U	23	20 U	20 U	20 U	20 U
	11/19/2002	20 U	40	47	20 U	20 U	20 U
	6/24/2003	20 U					
	11/17/2003	20 U					
	6/21/2004	20 U	20 U	20 U	20 U	27.4	20 U
	11/22/2004	20 U	20 U	20 U	20 U	56	20 U
	6/22/2005	20 U					
	11/22/2005	20 U	31.2	20 U	20 U	20 U	20 U
	7/5/2006	20 U	20 U	20 U	20 U	26	20 U
	11/27/2006	21.6	64.1	28.5	20 U	38.7	20 U
	6/27/2007	20 U	106				
	1/9/2008	51.8	37.5	20 U	20 U	74.5	20 U
	7/23/2008	20 U					
	2/20/2009	20 U					
	8/27/2009	20 U					
	2/25/2010	20 U					
	8/26/2010	20 U					
	2/23/2011	11.3	11.9	18.2	25.2	65.8	6.8
	8/2/2011	188	7.98	8.96	5.64	13.3	15.2
	2/20/2012	69.9	15.0	53.2	51.3	5.0 U	13.9
	8/30/2012	36.8	14.7	21.9	32.7	18.4	14.3
	2/19/2013	21.4	10.2	7.8	6.53	5 U	11.5
	8/14/2013	42.7	11.3	18.2	15.8	12.6	13.5
	2/26/2014	8.21	3.0 U	NA	3 U	12.8	7.16
	10/2/2014	4.39	3.0 U	15.2	3 U	10.2	5.51
	2/24/2015	11.8	3.0 U	20.3	3 U	10.5	9.52
	8/6/2015	62	10.8	80.1	7.23	18.4	11.9
	3/9/2016	12	5.0	9.44	4.83	15.0	12.1
	8/12/2016	20.7	6.6	61.6	6.27	17.9	13.3
	2/1/2017	13.7	3.0 U	67.4	3.39	13.4	9.72
	8/17/2017	26 B	22.0 U	22.5 B	22 U	39.4 B	28.9 B
	2/15/2018	16.6 B	15.1 B	44.2 B	25.4 B	53.3 B	26.7 B
	8/2/2018	6.21	7.2	14.8	7.49	48.3	19.3
	2/5/2019	38.5	3.0 U	3.0 U	3.0 U	128.0	25.5
	8/21/2019	108	3.0 U	3 U	3 U	49.0	3 U
	2/24/2020	67	3.0 U	3.0 U	3.0 U	41.9	3 U
	8/31/2020	42.9	3.0 U	67.9	3 U	236.0	37.2
	6/10/2021	52.6	3.0 U	38	3 U	44.2	3 U

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Village of Mamaroneck

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Lead ($\mu\text{g/L}$)	5/22/1997	1.1 U	1.1 U	4.4	1.1 U	12.7	21.2
	11/14/1997	2.4 J	0.7 U	2.9 J	0.7 U	36.1	18.2
	5/19/1998	1.4 J	0.7 U	0.81 J	0.7 U	14.6	16.6
GW Standard 25.0 $\mu\text{g/L}$	11/5/1998	1.8 U	1.8 U	1.8 U	1.8 U	6.1	23.5
	5/25/1999	1.8 U	1.8 U	1.8 U	1.8 U	13	12.7
	11/18/1999	0.99 U	0.99 U	21	0.99 U	68	3.6
	6/28/2000	2.3 U	44.4	7.2	2.3 U	98.5	17.5
	11/15/2000	5 U	91.8	8.05	5 U	22.5	19.6
	6/20/2001	1.69	37.9	45.2	5.13	62.3	7.28
	11/29/2001	5 U	5 U	5 U	5 U	21.5	5 U
	6/26/2002	5 U	5 U	5.88	5 U	5 U	5 U
	11/19/2002	5 U	5.64	13.2	5 U	5.07	5 U
	6/24/2003	5 U	5 U	5 U	5 U	6.81	5 U
	11/17/2003	5 U	5 U	5 U	5 U	21.5	5 U
	6/21/2004	5 U	5 U	5 U	5 U	17.8	5 U
	11/22/2004	5 U	5 U	5 U	5 U	10.1	12.4
	6/22/2005	5 U	5 U	5 U	5 U	5 U	5 U
	11/22/2005	5 U	10.7	5 U	5 U	11.3	5.58
	7/5/2006	5 U	5 U	5 U	5 U	6	5 U
	11/27/2006	5 U	13.2	11.7	5 U	54.2	7.3
	6/27/2007	5 U	13.2	11.7	5 U	54.2	7.3
	1/9/2008	5 U	5 U	5 U	5 U	5 U	72.5
	7/23/2008	6.7	11	6.7	5 U	5.9	11.5
	2/20/2009	26.5	6.5	10.5	10.4	16.1	5 U
	2/20/2009	5.7	5 U	5 U	5 U	5 U	5 U
	8/27/2009	5 U	5 U	5 U	5 U	5 U	5 U
	2/25/2010	5.3	5 U	5 U	5 U	5 U	5 U
	8/26/2010	5 U	5 U	5 U	5 U	5 U	5 U
	2/23/2011	528	72.7	217	6.9	117	3 U
	8/2/2011	1,550	13.2	56.3	4.86	16.5	6.16
	2/20/2012	483	10.1	324	12.0	3.28	3 U
	8/30/2012	762	18.3	152	7.3	9.7	3 U
	2/19/2013	423	7.5	52.1	5 U	4.0	3 U
	8/14/2013	508	9.8	124	8.4	12.6	3 U
	2/26/2014	49.1	13.4	NA	3 U	24.8	3 U
	10/2/2014	50.7	3 U	218	3 U	13.0	3 U
	2/24/2015	119	3 U	358	3 U	13.4	3 U
	8/6/2015	153	6.11	218	3 U	12.5	3 U
	3/9/2016	87.9	3 U	41.7	3 U	7.6	3 U
	8/12/2016	49.5	3 U	168	3 U	8.39	3 U
	2/1/2017	31.3	3 U	188	3 U	3 U	3 U
	8/17/2017	201.0 B	11 U	276 B	11 U	11 U	11 U
	2/15/2018	33.4	5 U	216	5 U	5 U	5 U
	8/2/2018	34.9	5 U	160	5 U	10.4	5 U
	2/5/2019	95.2	5 U	57.4	5 U	5 U	5 U
	8/21/2019	295	5 U	37.5	5 U	5 U	5 U
	2/24/2020	142	5 U	13.3	5 U	5 U	5 U
	8/31/2020	107	5 U	214	5 U	5 U	5 U
	6/10/2021	112	5 U	81.3	5 U	5 U	5 U

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Analytical Parameter	Sampling Date	MW-1S	MW-1D	MW-2S	MW-2D	MW-3S	MW-3D
Mercury ($\mu\text{g/L}$)	5/22/1997	0.2 U					
	11/14/1997	0.1 U					
	5/19/1998	0.1 U					
GW Standard 0.7 $\mu\text{g/L}$	11/5/1998	0.1 U					
	5/25/1999	0.05 U					
	11/18/1999	0.04 U	0.04 U	0.09	0.04 U	0.27	0.04 U
	6/28/2000	0.05 J	0.01 U	0.02 J	0.01 U	0.34	0.04 J
	11/15/2000	0.03 U					
	6/20/2001	0.03 U	0.03 U	0.03 U	0.03 U	0.28	0.03 U
	11/29/2001	0.3 U					
	6/26/2002	0.3 U					
	11/19/2002	0.3 U					
	6/24/2003	0.3 U					
	11/17/2003	0.3 U					
	6/21/2004	0.3 U					
	11/22/2004	0.3 U					
	6/22/2005	0.3 U					
	11/22/2005	0.3 U					
	7/5/2006	0.3 U					
	11/27/2006	0.3 U					
	6/27/2007	0.3 U					
	1/9/2008	0.3 U					
	7/23/2008	0.3 U					
	2/20/2009	0.3 U					
	8/27/2009	0.3 U					
	2/25/2010	0.3 U					
	8/26/2010	0.3 U					
	2/23/2011	0.2 U					
	8/2/2011	0.2 U	0.2 U	0.2 U	0.3	0.2 U	0.2 U
	2/20/2012	0.2 U					
	8/30/2012	0.2 U					
	2/19/2013	0.2 U					
	8/14/2013	0.2 U					
	2/26/2014	0.2 U					
	10/2/2014	0.2 U					
	2/24/2015	0.2 U					
	8/6/2015	0.2 U					
	3/9/2016	0.2 U					
	8/12/2016	0.2 U					
	2/1/2017	0.2 U					
	8/17/2017	0.2 U					
	2/15/2018	0.2 U					
	8/2/2018	0.2 U					
	2/5/2019	0.2 U					
	8/21/2019	0.2 U					
	2/24/2020	0.2 U					
	8/31/2020	0.2 U					
	6/10/2021	0.2 U					

J - Estimated value, less than detection limit.

U - Analyte was analyzed for, but not detected.

B - The reported value was obtained from a reading that was less than the Contract Required Detection Limit (CRDL) but was greater than or equal to the Instrument Detection Limit (IDL).

ATTACHMENT 1
Table 1
Summary of Inorganic Parameters
Taylor's Lane Compost Site
Village of Mamaroneck

Analytical Parameter	Sampling Date	MW-1S	MW-1D	MW-2S	MW-2D	MW-3S	MW-3D
Zinc ($\mu\text{g/L}$)	5/22/1997	20	17.2 J	31.3	12.6 J	83.7	931
	11/14/1997	74.2	37	75	10.6 J	102	514
	5/19/1998	130	12.7 J	23.7	10.6	48.7	806
GW Standard 2,000 $\mu\text{g/L}$	11/5/1998	13.9 J	27.9	23.3	51.4	29.9	659
	5/25/1999	15 J	36.7	16.2 J	8.8	21.8	558
	11/18/1999	26.8	38	95.6	20.4	102	101
	6/28/2000	7.9 J	104	202	21.3	432	941
	11/15/2000	20 U	1650	52.8	26.8	122	2040
	6/20/2001	25	630	274	72.6	314	246
	11/29/2001	20 U	29.5	23.1	20 U	56.5	56.4
	6/26/2002	20 U	28.2	76.8	20 U	20 U	20 U
	11/19/2002	20 U	69.6	65.2	20 U	20 U	20 U
	6/24/2003	20 U	20 U	20 U	42.9	20 U	20 U
	11/17/2003	20 U	20 U	20 U	55.5	38.6	20 U
	6/21/2004	21	20 U	20 U	55.5	45.7	20 U
	11/22/2004	20 U	20 U	20 U	20 U	113	20 U
	6/22/2005	20 U	20 U	20 U	20 U	113	20 U
	11/22/2005	20.5	144	32.9	20 U	33.3	58.6
	7/5/2006	25	51	20 U	20 U	20 U	20 U
	11/27/2006	23.3	352	84.7	20 U	64.4	65.5
	6/27/2007	20 U	20 U	20 U	20 U	20 U	1150
	1/9/2008	138	343	31.7	20 U	45.6	148
	7/23/2008	38.9	20 U	29.7	20 U	69.5	61.4
	2/20/2009	20 U	20 U	20 U	20 U	45	44
	8/27/2009	20 U	20 U	20 U	20 U	28	38
	2/25/2010	20 U	20 U	20 U	20 U	62	42
	8/26/2010	20 U	20 U	20 U	20 U	30	37
	2/23/2011	949	88.9	231	58.2	140	53
	8/2/2011	1,690	25.9	75.6	30.7	47.7	47.0
	2/20/2012	712	34.5	414	66.4	49.0	52.5
	8/30/2012	1,132	56.5	256	59.1	53.0	49.1
	2/19/2013	820	27.1	81.6	32.4	38.5	41.3
	8/14/2013	938	36.8	139	44.3	44.0	55.2
	2/26/2014	124	29.2	NA	20.6	62.7	40.1
	10/2/2014	128	16.3	254	16.9	62.9	35.8
	2/24/2015	160	11.2	383	10.4	53.8	32.0
	8/6/2015	244	33.4	256	15.4	79.1	30.7
	3/9/2016	155	19.6	60.7	3U	64.5	30.3
	8/12/2016	118	13.8	204	13	88.7	32.2
	2/1/2017	70.8	16.5	233	17.1	74.5	26.7
	8/17/2017	297.0 B	35.2 B	328 B	18.9 B	95.1 B	41.7 B
	2/15/2018	70.8	20 U	229	17.1	76.4	34.1
	8/2/2018	48.6	20 U	158	20 U	37.3	20.0 U
	2/5/2019	184.0	37.1	82.3	20 U	75.9	28.9
	8/21/2019	399.0	20 U	54.4	20 U	871.0	721.0
	2/24/2020	216.0	20 U	54.5	20 U	319.0	89.9
	8/31/2020	156.0	20 U	248	20 U	131.0	20.0 U
	6/10/2021	147.0	31	124	20 U	58.6	20.0 U

J - Estimated value, less than detection limit.

U - Analyte was analyzed for, but not detected.

B - The reported value was obtained from a reading that was less than the Contract Required Detection Limit (CRDL) but was greater than or equal to the Instrument Detection Limit (IDL).

Table – 2

Summary of Volatile Organic Compounds

ATTACHMENT 1

Table 2
Summary of Volatile Organic Compounds
Taylor's Lane Compost Site
Village of Mamaroneck

Sampling Date	Analytical Parameters (µg/L)						
	Vinyl Chloride	1, 2-DCE	MTBE	Tert-Butyl-Alcohol	1,1,1-TCA	Tert-butyl benzene	Chlorobenzene
Standard	2.0	5.0	10.0	20.0	5.0	5.0	5.0
MW-1S							
8/26/2010	0.5 U	0.5 U	2.0	20 U	0.5 U	1.5	-
2/23/2011	5.0 U	5.0 U	0.81 J	N/A	5.0 U	N/A	5.0 U
8/2/2011	5.0 U	5.0 U	5.0 U	8.0 U	5.0 U	0.89 J	5.0 U
2/20/2012	5.0 U	5.0 U	5.0 U	8.0 U	5.0 U	0.55 J	5.0 U
8/30/2012	5.0 U	5.0 U	5.0 U	8.0 U	5.0 U	0.71 J	5.0 U
2/19/2013	5.0 U	5.0 U	5.0 U	8.0 U	5.0 U	0.55 J	5.0 U
8/14/2013	5.0 U	5.0 U	5.0 U	8.0 U	5.0 U	0.62 J	5.0 U
2/26/2014	5.0 U	5.0 U	5.0 U	20 U	5.0 U	5.0 U	5.0 U
10/2/2014	5.0 U	5.0 U	5.0 U	1.0 U	5.0 U	5.0 U	5.0 U
2/24/2015	5.0 U	5.0 U	5.0 U	1.0 U	5.0 U	5.0 U	5.0 U
8/6/2015	5.0 U	5.0 U	5.0 U	1.0 U	5.0 U	5.00 U	5.0 U
3/9/2016	5 U	5 U	5 U	2.0 U	5 U	2.9 J	5 U
8/12/2016	5 U	5 U	5 U	1	5 U	2.8 J	5 U
2/1/2017	5 U	5 U	5 U	1.7 Cal-E	5 U	2.8 J	5 U
8/17/2017	5 U	5 U	5 U	0.66 J	5 U	2.5 J	5 U
2/15/2018	5 U	5 U	5 U	1 J	5 U	2.5 J	5 U
8/2/2018	5 U	5 U	5 U	2 U	5 U	3.2 J	5 U
2/5/2019	5 U	5 U	5 U	1.2 J	5 U	2.6 J	5 U
8/21/2019	5 U	5 U	5 U	1 U	5 U	2.5 J	5 U
2/24/2020	5 U	5 U	5 U	1 U	5 U	5 U	5 U
8/31/2020	5 U	5 U	5 U	1 U	5 U	5.0 U	5 U
6/10/2021	5 U	5 U	5 U	1 U	5 U	5 U	5 U
MW-1D							
8/26/2010	0.5 U	0.5 U	0.5 U	20 U	0.5 U	0.5 U	-
2/23/2011	5.0 U	5.0 U	5.0 U	N/A	5.0 U	N/A	5.0 U
8/2/2011	5.0 U	5.0 U	5.0 U	8.0 U	5.0 U	5.0 U	5.0 U
2/20/2012	5.0 U	5.0 U	5.0 U	8.0 U	5.0 U	5.0 U	5.0 U
8/30/2012	5.0 U	5.0 U	5.0 U	8.0 U	5.0 U	5.0 U	5.0 U
2/19/2013	5.0 U	5.0 U	5.0 U	8.0 U	5.0 U	5.0 U	5.0 U
8/14/2013	5.0 U	5.0 U	5.0 U	8.0 U	5.0 U	5.0 U	5.0 U
2/26/2014	5.0 U	5.0 U	5 U	20 U	5.0 U	5 U	5.0 U
10/2/2014	5.0 U	5.0 U	5.0 U	1.0 U	5.0 U	5.0 U	5.0 U
2/24/2015	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
8/6/2015	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
3/9/2016	5 U	5 U	5 U	2 U	5 U	5 U	5 U
8/12/2016	5 U	5 U	5 U	2 U	5 U	5 U	5 U
2/1/2017	5 U	5 U	5 U	2 U	5 U	5 U	5 U
8/17/2017	5 U	5 U	5 U	10 U	5 U	5 U	5 U
2/15/2018	5 U	5 U	5 U	2 U	5 U	5 U	5 U
8/2/2018	5 U	5 U	5 U	2 U	5 U	5 U	5 U
2/5/2019	5 U	5 U	5 U	2 U	5 U	5 U	5 U
8/21/2019	5 U	5 U	5 U	1 U	5 U	5 U	5 U
2/24/2020	5 U	5 U	5 U	1 U	5 U	5 U	5 U
8/31/2020	5 U	5 U	5 U	1 U	5 U	5 U	5 U
6/10/2021	5 U	5 U	5 U	1 U	5 U	5 U	5 U

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Table 2
Summary of Volatile Organic Compounds
Taylor's Lane Compost Site
Village of Mamaroneck

Sampling Date	Analytical Parameters (µg/L)						
	Vinyl Chloride	1, 2-DCE	MTBE	Tert-Butyl-Alcohol	1,1,1-TCA	Tert-butyl benzene	Chlorobenzene
Standard	2.0	5.0	10.0	20.0	5.0	5.0	5.0
MW-2S							
5/22/1997	4.0 J	2.0 J	-	-	-	-	-
11/14/1997	21	3.0 J	-	-	-	-	-
5/19/1998	17	3.0 J	-	-	-	-	-
11/5/1998	14	3.0 J	-	-	-	-	-
5/25/1999	13	2.0 J	-	-	-	-	-
11/18/1999	6.0 J	10 U	-	-	-	-	-
6/28/2000	7.8	1.6	-	-	-	-	-
11/15/2000	5.0 U	5.0 U	-	-	-	-	-
6/20/2001	7.6	1.2	190	-	-	-	-
11/29/2001	2.5 U	0.5 U	82	270	-	-	-
6/26/2002	1.6	1.0 U	50	130	-	-	-
11/19/2002	5.0 U	5.0 U	56	210	-	-	-
6/24/2003	3.3	0.5 U	270	20 U	-	-	-
11/17/2003	1.2	0.5 U	250	120	-	-	-
6/21/2004	0.96	0.5 U	380	90	-	-	-
11/22/2004	0.64	0.5 U	380	200	-	-	-
6/22/2005	7.7	1.1	16	23	-	-	-
11/22/2005	4.1	0.5 U	61	90	-	-	-
7/5/2006	6.4	0.6	63	110	-	-	-
11/27/2006	4.0	0.5 U	70 E	110	-	-	-
6/27/2007	2.5	0.5 U	93 E	250	-	-	-
1/9/2008	2.2	0.5 U	74 E	350	-	-	-
7/23/2008	2.8	0.5 U	12	37	-	-	-
2/20/2009	1.3	0.5 U	16	43	-	-	-
8/27/2009	0.5 U	0.5 U	15	50	-	-	-
2/25/2010	0.5 U	0.5 U	24	65	0.6	-	-
8/26/2010	0.5 U	0.5 U	23	200	0.5 U	0.5 U	-
2/23/2011	5.0 U	5.0 U	22	N/A	5.0 U	N/A	5.0 U
8/2/2011	2.5 J	5.0 U	16	37	5.0 U	5.0 U	5.0 U
2/20/2012	4.5 J	5.0 U	9.4	18.0	5.0 U	5.0 U	5.0 U
8/30/2012	3.7 J	5.0 U	14	21	5.0 U	5.0 U	5.0 U
2/19/2013	1.5	5.0 U	9.7	19.0	5.0 U	5.0 U	5.0 U
8/14/2013	2.5 J	5.0 U	8.2	19.5	5.0 U	5.0 U	5.0 U
2/26/2014	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/2/2014	5.0 U	5.0 U	5.3	6.2	5.0 U	5.0 U	5.0 U
2/24/2015	5.0 U	5.0 U	3.5 J	5.0 U	5.0 U	5.0 U	5.0 U
8/6/2015	5.0 U	5.0 U	2.7 J	6.4	5.0 U	5.0 U	5.0 U
3/9/2016	5 U	5 U	3.9 J	8.4	5 U	5 U	5 U
8/12/2016	5 U	5 U	2.9 J	9.9	5 U	5 U	5 U
2/1/2017	5 U	5 U	4.1 J	14.0 Cal-E	5 U	5 U	5 U
8/17/2017	5 U	5 U	3.2 J	28.0	5 U	5 U	5 U
2/15/2018	5 U	5 U	4.3 J	11.0	5 U	5 U	5 U
8/2/2018	5 U	5 U	3.7 J	2.0 U	5 U	5 U	5 U
2/5/2019	5 U	5 U	2.8 J	17.0	5 U	5 U	5 U
8/21/2019	5 U	5 U	5 U	7.3	5 U	5 U	5 U
2/24/2020	5 U	5 U	3.1 J	8.2 J	5 U	5 U	5 U
8/31/2020	5 U	5 U	2.9 J	12.0	5 U	5 U	5 U
6/10/2021	5 U	5 U	5 U	1.0 U	5 U	5 U	5 U

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Table 2
Summary of Volatile Organic Compounds
Taylor's Lane Compost Site
Village of Mamaroneck

Sampling Date	Analytical Parameters (µg/L)						
	Vinyl Chloride	1, 2-DCE	MTBE	Tert-Butyl-Alcohol	1,1,1-TCA	Tert-butyl benzene	Chlorobenzene
Standard	2.0	5.0	10.0	20.0	5.0	5.0	5.0
MW-2D							
8/26/2010	0.5 U	0.5 U	0.5 U	20 U	0.5 U	0.5 U	-
2/23/2011	5.0 U	5.0 U	5.0 U	N/A	5.0 U	N/A	5.0 U
8/2/2011	5.0 U	5.0 U	0.47 J	8.0 U	5.0 U	5.0 U	5.0 U
2/20/2012	5.0 U	5.0 U	5.0 U	8.0 U	5.0 U	5.0 U	5.0 U
8/30/2012	5.0 U	5.0 U	5.0 U	8.0 U	5.0 U	5.0 U	5.0 U
2/19/2013	5.0 U	5.0 U	5.0 U	8.0 U	5.0 U	5.0 U	5.0 U
8/14/2013	5.0 U	5.0 U	5.0 U	8.0 U	5.0 U	5.0 U	5.0 U
2/26/2014	5.0 U	5.0 U	5 U	20 U	5.0 U	5 U	5.0 U
10/2/2014	5.0 U	5.0 U	5.0 U	1.0 U	5.0 U	5.0 U	5.0 U
2/24/2015	5.0 U	5.0 U	5.0 U	1.0 U	5.0 U	5.0 U	5.0 U
8/6/2015	5.0 U	5.0 U	5.0 U	1.0 U	5.0 U	5.0 U	5.0 U
3/9/2016	5 U	5 U	5 U	2 U	5 U	5 U	5 U
8/12/2016	5 U	5 U	5 U	0.76 J	5 U	5 U	5 U
2/1/2017	5 U	5 U	5 U	2 U	5 U	5 U	5 U
8/17/2017	5 U	5 U	5 U	1.3 J	5 U	5 U	5 U
2/15/2018	5 U	5 U	5 U	0.83 J	5 U	5 U	5 U
8/2/2018	5 U	5 U	5 U	2 U	5 U	5 U	5 U
2/5/2019	5 U	5 U	5 U	2 U	5 U	5 U	5 U
8/21/2019	5 U	5 U	5 U	1 U	5 U	5 U	5 U
2/24/2020	5 U	5 U	5 U	1 U	5 U	5 U	5 U
8/31/2020	5 U	5 U	5 U	1 U	5 U	5 U	5 U
6/10/2021	5 U	5 U	5 U	1 U	5 U	5 U	5 U

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Table 2
Summary of Volatile Organic Compounds
Taylor's Lane Compost Site
Village of Mamaroneck

Sampling Date	Analytical Parameters (µg/L)						
	Vinyl Chloride	1, 2-DCE	MTBE	Tert-Butyl-Alcohol	1,1,1-TCA	Tert-butyl benzene	Chlorobenzene
Standard	2.0	5.0	10.0	20.0	5.0	5.0	5.0
MW-3S							
8/26/2010	0.5 U	0.5 U	0.5 U	20 U	0.5 U	0.5 U	-
2/23/2011	5.0 U	5.0 U	5.0 U	N/A	5.0 U	N/A	5.0 U
8/2/2011	5.0 U	5.0 U	1.7 J	8.0 U	5.0 U	5.0 U	5.0 U
2/20/2012	5.0 U	5.0 U	1.5 J	7.1 J	5.0 U	5.0 U	5.0 U
8/30/2012	5.0 U	5.0 U	1.5 J	8.0 U	5.0 U	5.0 U	5.0 U
2/19/2013	5.0 U	5.0 U	5.0 U	8.0 U	5.0 U	5.0 U	5.0 U
8/14/2013	5.0 U	5.0 U	5.0 U	8.0 U	5.0 U	5.0 U	5.0 U
2/26/2014	5.0 U	5.0 U	5 U	20 U	5.0 U	5 U	5.0 U
10/2/2014	5.0 U	5.0 U	5.0 U	1.0 U	5.0 U	5.0 U	5.0 U
2/24/2015	5.0 U	5.0 U	5.0 U	1.0 U	5.0 U	5.0 U	5.0 U
8/6/2015	5.0 U	5.0 U	5.0 U	1.0 U	5.0 U	5.0 U	5.0 U
3/9/2016	5 U	5 U	5 U	2 U	5 U	5 U	5 U
8/12/2016	5 U	5 U	5 U	2 U	5 U	5 U	5 U
2/1/2017	5 U	5 U	5 U	2 U	5 U	5 U	5 U
8/17/2017	5 U	5 U	5 U	10 U	5 U	5 U	5 U
2/15/2018	5 U	5 U	5 U	2 U	5 U	5 U	5 U
8/2/2018	5 U	5 U	5 U	2 U	5 U	5 U	5 U
2/5/2019	5 U	5 U	5 U	2 U	5 U	5 U	5 U
8/21/2019	5 U	5 U	5 U	2.9	5 U	5 U	5 U
2/24/2020	5 U	5 U	5 U	2 U	5 U	5 U	5 U
8/31/2020	5 U	5 U	5 U	2 U	5 U	5 U	5 U
6/10/2021	5 U	5 U	5 U	1 U	5 U	5 U	5 U
MW-3D							
8/26/2010	0.5 U	0.5 U	0.5 U	20 U	0.5 U	0.5 U	-
2/23/2011	5.0 U	5.0 U	5.0 U	N/A	5.0 U	N/A	1.6 J
8/2/2011	5.0 U	5.0 U	5.0 U	8.0 U	5.0 U	5.0 U	5.0 U
2/20/2012	5.0 U	5.0 U	5.0 U	8.0 U	5.0 U	5.0 U	5.0 U
8/30/2012	5.0 U	5.0 U	5.0 U	8.0 U	5.0 U	5.0 U	5.0 U
2/19/2013	5.0 U	5.0 U	5.0 U	8.0 U	5.0 U	5.0 U	5.0 U
8/14/2013	5.0 U	5.0 U	5.0 U	8.0 U	5.0 U	5.0 U	5.0 U
2/26/2014	5.0 U	5.0 U	5 U	20 U	5.0 U	5 U	5.0 U
10/2/2014	5.0 U	5.0 U	5.0 U	1.0 U	5.0 U	5.0 U	5.0 U
2/24/2015	5.0 U	5.0 U	5.0 U	1.0 U	5.0 U	5.0 U	5.0 U
8/6/2015	5.0 U	5.0 U	5.0 U	1.0 U	5.0 U	5.0 U	5.0 U
3/9/2016	5 U	5 U	5 U	2 U	5 U	5 U	5 U
8/12/2016	5 U	5 U	5 U	2 U	5 U	5 U	5 U
2/1/2017	5 U	5 U	5 U	2 U	5 U	5 U	5 U
8/17/2017	5 U	5 U	5 U	0.62 J	5 U	5 U	5 U
2/15/2018	5 U	5 U	5 U	2 U	5 U	5 U	5 U
8/2/2018	5 U	5 U	5 U	2 U	5 U	5 U	5 U
2/5/2019	5 U	5 U	5 U	2 U	5 U	5 U	5 U
8/21/2019	5 U	5 U	5 U	7.9	5 U	5 U	5 U
2/24/2020	5 U	5 U	5 U	2 U	5 U	5 U	5 U
8/31/2020	5 U	5 U	5 U	2 U	5 U	5 U	5 U
6/10/2021	5 U	5 U	5 U	1 U	5 U	5 U	5 U

U - Compound not detected.
J - Estimated value, less than detection limit.
E - Concentrations exceed the calibration range.
Cal-E - The value is estimated due to its behavior during initial calibration.
µg/L - micrograms per liter.
1,2-DCE - 1,2-dichloroethene.
MTBE - methyl tert-butyl ether.
1,1,1-TCA - 1,1,1-trichloroethane.
N/A - Results not available during this analysis.

Table - 3

Summary of Field Parameters

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Table 3
Summary of Field Parameters
Village of Mamaroneck
Taylor's Lane Compost Site

Well ID	Date	Temp. (C)	pH (S.U.)	Eh (mv)	Specific Conductance (µS)
MW-1S	5/22/1997	15.1	6.82	0.8	720
	11/14/1997	12.8	6.64	102.5	904
	5/19/1998	17.1	5.63	73.4	700
	11/5/1998	16.5	6.08	48.6	800
	5/25/1999	14.9	6.22	33.3	800
	11/18/1999	14.4	6.12	50.5	720
	6/28/2000	18.1	6.53	11.0	700
	11/15/2000	11.3	6.10	-45.8	600
	6/20/2001	17.8	6.40	24.4	560
	11/29/2001	13.2	5.91	50.4	455
	6/26/2002	17.1	6.24	38.2	550
	11/19/2002	12.9	6.29	21.1	768
	6/24/2003	14.5	6.21	68.5	941
	11/17/2003	13.5	6.46	18.5	866
	6/21/2004	14.9	6.13	49.1	800
	11/22/2004	13.7	6.70	19.2	655
	6/22/2005	15.9	6.97	15.7	880
	11/22/2005	11.3	6.86	4.9	945
	7/5/2006	13.8	6.68	18.4	302
	11/27/2006	14.1	6.94	20.2	249
	6/27/2007	16.7	6.87	15.3	969
	1/9/2008	12.5	7.29	103.4	106
	7/23/2008	14.8	7.13	-134.1	1255
	2/20/2009	10.1	6.83	-123.8	1151
	8/27/2009	21.4	7.41	-180.1	963
	2/25/2010	9.8	7.43	-136.3	666
	8/26/2010	16.0	7.17	-62.9	1001
	2/23/2011	13.0	7.74	-16.8	975
	8/2/2011	18.9	6.69	-10.9	914
	2/20/2012	13.0	6.72	-12.2	197
	8/30/2012	15.3	6.78	-11.8	1047
	2/19/2013	11.4	7.29	-38.8	779
	8/14/2013	15.0	7.25	-20.3	840
	2/26/2014	8.7	7.42	-48.8	1333
	10/2/2014	15.0	7.27	-37.0	384
	2/24/2015	8.0	7.68	-59.6	383
	8/6/2015	14.5	7.64	-23.5	335
	3/9/2016	13.9	7.18	-32.4	1037
	8/12/2016	19.3	7.49	-53.2	868
	2/1/2017	9.8	7.96	-78.0	884
	8/17/2017	14.8	7.45	-63.7	927
	2/15/2018	10.8	7.71	-76.4	415
	8/2/2018	16.1	7.74	-92.5	994
	2/5/2019	11.0	7.91	-105.3	1421
	8/21/2019	18.1	7.75	-95.7	1220
	2/24/2020	12.1	7.99	-103.6	1165
	8/31/2020	22.2	8.16	-113.6	1015
	6/10/2021	18.4	8.70	-141.9	1020

Notes:

(µS): Units of Conductivity (micro Siemens)

ATTACHMENT 1

Table 3
Summary of Field Parameters
Village of Mamaroneck
Taylor's Lane Compost Site

Well ID	Date	Temp. (C)	pH (S.U.)	Eh (mv)	Specific Conductance (μ S)
MW-1D	5/22/1997	16.0	6.72	4.7	430
	11/14/1997	11.4	7.41	82.0	596
	5/19/1998	18.6	7.19	-10.8	448
	11/5/1998	16.2	7.05	-26.2	600
	5/25/1999	17.5	6.32	28.6	449
	11/18/1999	12.8	7.88	-44.5	550
	6/28/2000	18.9	8.08	-79.3	500
	11/15/2000	12.2	7.78	-39.3	420
	6/20/2001	18.1	8.12	-73.8	540
	11/29/2002	13.0	7.25	-39.6	450
	6/26/2002	17.8	7.82	-48.9	450
	11/19/2002	12.6	7.64	-56.9	486
	6/24/2003	14.9	8.06	-23.2	573
	11/17/2003	12.0	8.20	-80.1	465
	6/21/2004	13.5	7.86	-48.1	513
	11/22/2004	12.9	7.49	-23.3	395
	6/22/2005	17.6	7.30	-56.6	464
	11/22/2005	9.9	7.22	-14.7	486
	7/5/2006	15.6	7.67	-33.7	586
	11/27/2006	13.7	7.66	-40.7	301
	6/27/2007	17.0	7.34	-18.0	585
	1/9/2008	12.5	7.16	-52.7	601
	7/23/2008	15.1	7.67	-179.6	624
	2/20/2009	11.1	7.19	-37.8	597
	8/27/2009	22.7	7.71	13.6	540
	2/25/2010	9.8	7.84	60.4	391
	8/26/2010	16.4	7.65	199.9	541
	2/23/2011	14.3	8.46	-53.1	658
	8/2/2011	16.9	7.61	-56.5	666
	2/20/2012	13.6	7.52	-54.0	777
	8/30/2012	16.5	7.50	-55.4	713
	2/19/2013	11.4	7.63	-60.8	800
	8/14/2013	15.8	7.48	-58.6	790
	2/26/2014	7.1	7.35	-72.2	884
	10/2/2014	14.1	7.44	-50.0	392
	2/24/2015	11.6	7.73	-65.5	351
	8/6/2015	14.8	7.88	-23.5	333
	3/9/2016	14.4	7.72	-66.0	1022
	8/12/2016	16.9	7.82	-73.7	924
	2/1/2017	10.1	8.18	-92.6	882
	8/17/2017	14.4	7.81	-83.4	921
	2/15/2018	11.1	8.08	-96.3	411
	8/2/2018	19.8	8.16	-115.2	7.66ms
	2/5/2019	12.1	8.26	-118.6	1061
	8/21/2019	17.5	8.40	-126.3	1060
	2/24/2020	13.6	8.45	-126.6	976
	8/31/2020	20.1	8.48	-130.8	936
	6/10/2021	20.1	9.19	-167.6	908

Notes:

(μ S): Units of Conductivity (micro Siemens)

ATTACHMENT 1

Table 3
Summary of Field Parameters
Village of Mamaroneck
Taylor's Lane Compost Site

Well ID	Date	Temp. (C)	pH (S.U.)	Eh (mv)	Specific Conductance (µS)
MW-2S	5/22/1997	12.7	6.93	-7.0	550
	11/14/1997	15.9	7.00	36.5	932
	5/19/1998	14.3	7.34	-15.0	472
	11/5/1998	16.0	6.91	2.0	750
	5/25/1999	13.6	6.50	17.1	700
	11/18/1999	13.7	7.13	-5.8	803
	6/28/2000	17.5	7.39	-39.0	700
	11/15/2000	11.9	6.80	-9.3	600
	6/20/2001	17.8	7.29	-27.9	560
	11/29/2001	13.3	6.52	15.7	570
	6/26/2002	17.8	7.19	-13.5	570
	11/19/2002	13.2	7.15	-27.8	771
	6/24/2003	13.9	7.37	9.7	895
	11/17/2003	13.4	7.33	-28.2	762
	6/21/2004	12.8	6.99	0.7	471
	11/22/2004	12.9	7.04	1.7	672
	6/22/2005	13.6	7.07	-9.4	817
	11/22/2005	11.3	7.12	-9.1	805
	7/5/2006	14.5	7.15	-5.5	214
	11/27/2006	13.7	7.10	-8.0	326
	6/27/2007	15.4	7.03	-5.1	1034
	1/9/2008	12.5	7.14	-94.8	1100
	7/23/2008	14.6	7.00	-114.6	1176
	2/20/2009	9.4	6.70	-110.7	1135
	8/27/2009	17.3	7.17	-141.0	993
	2/25/2010	11.1	7.38	-102.8	730
	8/26/2010	15.6	6.81	-24.7	998
	2/23/2011	11.7	7.98	-31.0	990
	8/2/2011	16.5	7.31	-40.9	987
	2/20/2012	11.9	7.21	-34.9	668
	8/30/2012	15.1	7.23	-36.7	1167
	2/19/2013	11.3	7.42	-48.5	783
	8/14/2013	14.9	7.38	-42.1	850
	2/26/2014	NA	NA	NA	NA
	10/2/2014	14.3	7.29	-37.9	239
	2/24/2015	8.3	7.49	-52.4	385
	8/6/2015	13.5	7.09	-28.5	343
	3/9/2016	12.4	7.26	-36.6	1119
	8/12/2016	15.3	7.60	-61.1	1013
	2/1/2017	9.6	7.88	-73.4	681
	8/17/2017	14.5	7.52	-66.4	945
	2/15/2018	10.9	7.76	-79.2	497
	8/2/2018	15.3	7.85	-98.9	1009
	2/5/2019	10.6	7.97	-103.7	1107
	8/21/2019	17.2	8.03	-108.2	1091
	2/24/2020	12.4	8.15	-112.5	1379
	8/31/2020	21.1	8.31	-122.4	1247
	6/10/2021	18.6	8.58	-135.2	1160

Notes:

(µS): Units of Conductivity (micro Siemens)

ATTACHMENT 1

Table 3
Summary of Field Parameters
Village of Mamaroneck
Taylor's Lane Compost Site

Well ID	Date	Temp. (C)	pH (S.U.)	Eh (mv)	Specific Conductance (μ S)
MW-2D	5/22/1997	13.5	7.16	-22.5	320
	11/14/1997	13.8	7.47	1.6	502
	5/19/1998	15.7	7.32	-20.8	322
	11/5/1998	15.4	7.28	-19.3	330
	5/25/1999	14.9	6.76	1.4	340
	11/18/1999	12.7	7.91	-48.0	500
	6/28/2000	16.2	7.78	-58.3	370
	11/15/2001	12.1	7.58	-3.2	330
	6/20/2001	15.3	7.86	-60.8	540
	11/29/2001	11.3	6.83	-1.7	320
	6/26/2002	16.2	7.67	-37.8	390
	11/19/2002	12.3	7.47	-48.3	450
	6/24/2003	14.1	7.83	-12.9	564
	11/17/2003	12.1	7.77	-53.5	483
	6/21/2004	13.7	7.66	-36.6	523
	11/22/2004	12.9	7.46	-21.9	412
	6/22/2005	15.7	7.27	-21.4	513
	11/22/2005	10.5	7.07	-6.4	537
	7/5/2006	13.5	7.13	-6.7	679
	11/27/2006	13.1	7.63	-37.6	378
	6/27/2007	15.4	7.21	-28.4	671
	1/9/2008	12.5	7.13	-109.4	680
	7/23/2008	14.4	7.31	-126.3	634
	2/20/2009	9.6	7.10	-93.5	1084
	8/27/2009	18.6	7.77	9.5	528
	2/25/2010	11.1	7.92	35.7	384
	8/26/2010	15.4	7.76	167.7	577
	2/23/2011	11.6	8.25	-44.8	655
	8/2/2011	16.9	7.55	-56.6	731
	2/20/2012	11.6	7.15	-30.7	720
	8/30/2012	15.3	7.13	-38.4	758
	2/19/2013	12.6	7.92	-79.5	860
	8/14/2013	15.5	7.62	-60.8	762
	2/26/2014	9.2	7.92	-78.0	920
	10/2/2014	13.6	7.48	-51.9	244
	2/24/2015	9.0	7.83	-71.5	376
	8/6/2015	14.5	7.56	-56.5	334
	3/9/2016	13.4	7.75	-67.9	1090
	8/12/2016	15.1	8.17	-89.3	1009
	2/1/2017	9.6	8.22	-93.9	659
	8/17/2017	13.9	7.96	-90.8	970
	2/15/2018	10.8	7.75	-104.6	479
	8/2/2018	15.6	8.12	-115.0	987
	2/5/2019	11.0	8.41	-127.4	1091
	8/21/2019	17.0	8.47	-130.3	1093
	2/24/2020	12.5	8.59	-135.8	953
	8/31/2020	19.6	8.76	-145.3	847
	6/10/2021	18.8	9.14	-164.9	857

Notes:

(μ S): Units of Conductivity (micro Siemens)

ATTACHMENT 1

Table 3
Summary of Field Parameters
Village of Mamaroneck
Taylor's Lane Compost Site

Well ID	Date	Temp. (C)	pH (S.U.)	Eh (mv)	Specific Conductance (μ S)
MW-3S	5/22/1997	13.2	7.18	-16.5	700
	11/14/1997	16.9	6.72	-5.8	1072
	5/19/1998	15.7	6.95	9.4	800
	11/5/1998	13.5	6.59	17.2	850
	5/25/1999	13.5	6.31	25.9	900
	11/18/2001	12.6	6.61	23.8	850
	6/28/2000	17.5	6.44	-37.1	900
	11/15/2001	12.4	7.10	-29.9	700
	6/20/2001	15.1	6.24	44.1	570
	11/29/2002	13.3	5.62	64.3	570
	6/26/2002	16.9	6.81	9.2	570
	11/19/2002	13.5	6.52	7.9	789
	6/24/2003	13.3	6.75	40.8	1054
	11/17/2003	13.1	7.65	-64.0	564
	6/21/2004	12.1	6.47	29.8	911
	11/22/2004	13.0	6.63	23.6	768
	6/22/2005	12.6	6.48	24.2	996
	11/22/2005	10.8	6.74	11.6	967
	7/5/2006	12.6	6.77	14.2	547
	11/27/2006	13.5	6.85	7.0	346
	6/27/2007	13.6	6.92	9.2	370
	1/9/2008	12.8	6.98	-21.5	1310
	7/23/2008	15.5	6.45	-39.2	1367
	2/20/2009	7.9	5.81	-13.8	1397
	8/27/2009	19.0	6.57	-40.5	1036
	2/25/2010	11.1	7.53	-10.2	802
	8/26/2010	15.9	6.76	-7.1	1116
	2/23/2011	10.6	7.18	16.3	969
	8/2/2011	14.7	6.36	5.1	1069
	2/20/2012	11.0	6.31	6.2	718
	8/30/2012	13.5	6.35	4.2	725
	2/19/2013	12.2	6.57	-7.3	786
	8/14/2013	14.2	6.48	-6.1	735
	2/26/2014	9.0	6.68	-2.1	1448
	10/2/2014	13.3	7.10	-18.3	395
	2/24/2015	7.3	7.00	-22.7	398
	8/6/2015	14.0	6.75	-7.7	339
	3/9/2016	14.4	6.56	-4.6	1059
	8/12/2016	15.0	6.61	-9.9	1008
	2/1/2017	9.3	7.33	-38.4	944
	8/17/2017	14.1	7.73	-24.4	965
	2/15/2018	10.8	7.28	-31.5	594
	8/2/2018	16.1	7.32	-67.5	9.89us
	2/5/2019	10.4	7.13	-60.4	1116
	8/21/2019	17.3	8.58	-51.7	1560
	2/24/2020	11.9	7.71	-90.3	1234
	8/31/2020	19.6	7.68	-85.7	1146
	6/10/2021	19.0	7.73	-90.8	1459

Notes:

(μ S): Units of Conductivity (micro Siemens)

ATTACHMENT 1

Table 3
Summary of Field Parameters
Village of Mamaroneck
Taylor's Lane Compost Site

Well ID	Date	Temp. (C)	pH (S.U.)	Eh (mv)	Specific Conductance (µS)
MW-3D	5/22/1997	14.0	6.94	-11.2	620
	11/14/1997	16.2	7.02	-46.2	1074
	5/19/1998	15.6	7.85	-30.8	725
	11/5/1998	13.3	7.01	-3.7	900
	5/25/1999	13.8	6.52	6.2	900
	11/18/1999	11.9	7.30	-12.4	800
	6/28/2000	17.2	7.24	-30.8	900
	11/15/2000	13.1	6.29	-36.6	362
	6/20/2001	15.8	7.76	-174.7	570
	11/29/2002	12.7	6.36	41.8	570
	6/26/2002	16.7	7.20	-15.5	570
	11/19/2002	12.5	7.11	-25.7	880
	6/24/2003	13.6	7.31	15.1	1039
	11/17/2003	11.9	7.46	-33.5	729
	6/21/2004	14.0	7.17	-8.3	319
	11/22/2004	12.3	7.15	-3.4	766
	6/22/2005	15.6	6.62	17.2	900
	11/22/2005	9.4	6.92	2.4	1005
	7/5/2006	9.4	6.92	2.4	1005
	11/27/2006	12.8	7.20	-13.2	462
	6/27/2007	15.6	7.17	-10.4	1126
	1/9/2008	12.5	7.18	14.9	1280
	7/23/2008	14.6	6.71	-13.8	1408
	2/20/2009	8.2	6.07	-41.8	1377
	8/27/2009	17.7	6.76	183.6	1031
	2/25/2010	10.6	7.33	74.6	809
	8/26/2010	15.5	6.88	220.2	1123
	2/23/2011	11.0	7.37	4.1	1015
	8/2/2011	18.5	6.30	8.9	1071
	2/20/2012	10.6	6.62	5.5	884
	8/30/2012	14.2	6.70	6.2	1179
	2/19/2013	10.3	6.55	2.0	887
	8/14/2013	14.5	6.68	3.2	950
	2/26/2014	9.4	6.76	-12.9	1437
	10/2/2014	13.2	7.00	-25.1	397
	2/24/2015	7.9	7.14	-29.2	391
	8/6/2015	12.6	7.16	-51.5	343
	3/9/2016	12.2	6.67	-8.7	1115
	8/12/2016	14.5	7.08	-26.8	1084
	2/1/2017	9.4	7.39	-42.6	1007
	8/17/2017	13.5	7.89	-33.1	987
	2/15/2018	10.3	7.11	-43.0	549
	8/2/2018	15.4	7.30	-68.1	1039
	2/5/2019	10.8	7.38	-71.8	1104
	8/21/2019	17.2	8.69	-62.3	1625
	2/24/2020	12.9	7.97	-102.4	1383
	8/31/2020	21.3	8.01	-103.0	1136
	6/10/2021	19.2	8.13	-108.5	1448

Notes:

(µS): Units of Conductivity (micro Siemens)

Attachment 2

Laboratory Results



Technical Report

prepared for:

Zion Environmental, LLC
PO Box 162
Otisville NY, 10940
Attention: Brian Nichols

Report Date: 08/10/2021

Client Project ID: Village of Mamaroneck
York Project (SDG) No.: 21F0536

CT Cert. No. PH-0723

New Jersey Cert. No. CT005 and NY037



New York Cert. Nos. 10854 and 12058

PA Cert. No. 68-04440

120 RESEARCH DRIVE
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STRATFORD, CT 06615
(203) 325-1371



132-02 89th AVENUE
FAX (203) 357-0166

RICHMOND HILL, NY 11418
ClientServices@yorklab.com

Report Date: 08/10/2021
Client Project ID: Village of Mamaroneck
York Project (SDG) No.: 21F0536

Zion Environmental, LLC
PO Box 162
Otisville NY, 10940
Attention: Brian Nichols

Purpose and Results

This report contains the analytical data for the sample(s) identified on the attached chain-of-custody received in our laboratory on June 10, 2021 with a temperature of 2.1 C. The project was identified as your project: **Village of Mamaroneck**.

The analyses were conducted utilizing appropriate EPA, Standard Methods, and ASTM methods as detailed in the data summary tables.

All samples were received in proper condition meeting the customary acceptance requirements for environmental samples except those indicated under the Sample and Analysis Qualifiers section of this report.

All analyses met the method and laboratory standard operating procedure requirements except as indicated by any data flags, the meaning of which are explained in the Sample and Data Qualifiers Relating to This Work Order section of this report and case narrative if applicable.

The results of the analyses, which are all reported on dry weight basis (soils) unless otherwise noted, are detailed in the following pages.

Please contact Client Services at 203.325.1371 with any questions regarding this report.

York Sample ID	Client Sample ID	Matrix	Date Collected	Date Received
21F0536-01	MW-1S @ 840	Water	06/10/2021	06/10/2021
21F0536-02	MW-1D @ 845	Water	06/10/2021	06/10/2021
21F0536-03	MW-2S @ 925	Water	06/10/2021	06/10/2021
21F0536-04	MW-2D @ 930	Water	06/10/2021	06/10/2021
21F0536-05	MW-3S @ 1003	Water	06/10/2021	06/10/2021
21F0536-06	MW-3D @ 1008	Water	06/10/2021	06/10/2021
21F0536-07	Trip Blank @ LAB	Water	06/10/2021	06/10/2021

General Notes for York Project (SDG) No.: 21F0536

1. The RLs and MDLs (Reporting Limit and Method Detection Limit respectively) reported are adjusted for any dilution necessary due to the levels of target and/or non-target analytes and matrix interference. The RL(REPORTING LIMIT) is based upon the lowest standard utilized for the calibration where applicable.
2. Samples are retained for a period of thirty days after submittal of report, unless other arrangements are made.
3. York's liability for the above data is limited to the dollar value paid to York for the referenced project.
4. This report shall not be reproduced without the written approval of York Analytical Laboratories, Inc.
5. All analyses conducted met method or Laboratory SOP requirements. See the Sample and Data Qualifiers Section for further information.
6. It is noted that no analyses reported herein were subcontracted to another laboratory, unless noted in the report.
7. This report reflects results that relate only to the samples submitted on the attached chain-of-custody form(s) received by York.
8. Analyses conducted at York Analytical Laboratories, Inc. Stratford, CT are indicated by NY Cert. No. 10854; those conducted at York Analytical Laboratories, Inc., Richmond Hill, NY are indicated by NY Cert. No. 12058.

Approved By:



Date: 08/10/2021

Cassie Mosher
Laboratory Manager





Sample Information

Client Sample ID: MW-1S @ 840

York Sample ID: 21F0536-01

York Project (SDG) No.
21F0536

Client Project ID
Village of Mamaroneck

Matrix
Water

Collection Date/Time
June 10, 2021 8:40 am

Date Received
06/10/2021

Volatile Organics, 8260 List

Sample Prepared by Method: EPA 5030B

Log-in Notes:

Sample Notes:

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,PA	06/15/2021 09:00	06/15/2021 15:53	PD
71-55-6	1,1,1-Trichloroethane	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,PA	06/15/2021 09:00	06/15/2021 15:53	PD
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,PA	06/15/2021 09:00	06/15/2021 15:53	PD
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,PA	06/15/2021 09:00	06/15/2021 15:53	PD
79-00-5	1,1,2-Trichloroethane	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,PA	06/15/2021 09:00	06/15/2021 15:53	PD
75-34-3	1,1-Dichloroethane	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,PA	06/15/2021 09:00	06/15/2021 15:53	PD
75-35-4	1,1-Dichloroethylene	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,PA	06/15/2021 09:00	06/15/2021 15:53	PD
563-58-6	1,1-Dichloropropylene	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP	06/15/2021 09:00	06/15/2021 15:53	PD
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,PADEP,NJ	06/15/2021 09:00	06/15/2021 15:53	PD
96-18-4	1,2,3-Trichloropropane	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,PADEP,NJ	06/15/2021 09:00	06/15/2021 15:53	PD
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,PADEP,NJ	06/15/2021 09:00	06/15/2021 15:53	PD
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,PA	06/15/2021 09:00	06/15/2021 15:53	PD
106-93-4	1,2-Dibromoethane	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,PA	06/15/2021 09:00	06/15/2021 15:53	PD
95-50-1	1,2-Dichlorobenzene	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,PA	06/15/2021 09:00	06/15/2021 15:53	PD
107-06-2	1,2-Dichloroethane	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,PA	06/15/2021 09:00	06/15/2021 15:53	PD
78-87-5	1,2-Dichloropropane	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,PA	06/15/2021 09:00	06/15/2021 15:53	PD
541-73-1	1,3-Dichlorobenzene	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,PA	06/15/2021 09:00	06/15/2021 15:53	PD
142-28-9	1,3-Dichloropropane	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,PADEP,NJ	06/15/2021 09:00	06/15/2021 15:53	PD
106-46-7	1,4-Dichlorobenzene	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,PA	06/15/2021 09:00	06/15/2021 15:53	PD
594-20-7	2,2-Dichloropropane	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,PADEP,NJ	06/15/2021 09:00	06/15/2021 15:53	PD



Sample Information

Client Sample ID: MW-1S @ 840

York Sample ID: 21F0536-01

York Project (SDG) No.
21F0536

Client Project ID
Village of Mamaroneck

Matrix
Water

Collection Date/Time
June 10, 2021 8:40 am

Date Received
06/10/2021

Volatile Organics, 8260 List

Sample Prepared by Method: EPA 5030B

Log-in Notes:

Sample Notes:

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
95-49-8	2-Chlorotoluene	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,PA	06/15/2021 09:00	06/15/2021 15:53	PD
106-43-4	4-Chlorotoluene	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,PA	06/15/2021 09:00	06/15/2021 15:53	PD
108-86-1	Bromobenzene	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,PADEP,NJE	06/15/2021 09:00	06/15/2021 15:53	PD
74-97-5	Bromochloromethane	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,PADEP,NJE	06/15/2021 09:00	06/15/2021 15:53	PD
75-27-4	Bromodichloromethane	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,PA	06/15/2021 09:00	06/15/2021 15:53	PD
75-25-2	Bromoform	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,PA	06/15/2021 09:00	06/15/2021 15:53	PD
74-83-9	Bromomethane	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,PA	06/15/2021 09:00	06/15/2021 15:53	PD
56-23-5	Carbon tetrachloride	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,PA	06/15/2021 09:00	06/15/2021 15:53	PD
108-90-7	Chlorobenzene	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,PA	06/15/2021 09:00	06/15/2021 15:53	PD
75-00-3	Chloroethane	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,PA	06/15/2021 09:00	06/15/2021 15:53	PD
67-66-3	Chloroform	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,PA	06/15/2021 09:00	06/15/2021 15:53	PD
74-87-3	Chloromethane	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,PA	06/15/2021 09:00	06/15/2021 15:53	PD
156-59-2	cis-1,2-Dichloroethylene	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,PA	06/15/2021 09:00	06/15/2021 15:53	PD
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,PA	06/15/2021 09:00	06/15/2021 15:53	PD
124-48-1	Dibromochloromethane	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,PA	06/15/2021 09:00	06/15/2021 15:53	PD
74-95-3	Dibromomethane	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,PADEP,NJE	06/15/2021 09:00	06/15/2021 15:53	PD
75-71-8	Dichlorodifluoromethane	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,PADEP,NJE	06/15/2021 09:00	06/15/2021 15:53	PD
87-68-3	Hexachlorobutadiene	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,PADEP,NJE	06/15/2021 09:00	06/15/2021 15:53	PD
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,PA	06/15/2021 09:00	06/15/2021 15:53	PD
75-09-2	Methylene chloride	ND		ug/L	2.5	10	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,PA	06/15/2021 09:00	06/15/2021 15:53	PD
98-06-6	tert-Butylbenzene	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,PA	06/15/2021 09:00	06/15/2021 15:53	PD



Sample Information

Client Sample ID: MW-1S @ 840

York Sample ID: 21F0536-01

York Project (SDG) No.
21F0536

Client Project ID
Village of Mamaroneck

Matrix
Water

Collection Date/Time
June 10, 2021 8:40 am

Date Received
06/10/2021

Volatile Organics, 8260 List

Sample Prepared by Method: EPA 5030B

Log-in Notes:

Sample Notes:

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
127-18-4	Tetrachloroethylene	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,PA	06/15/2021 09:00	06/15/2021 15:53	PD
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,PA	06/15/2021 09:00	06/15/2021 15:53	PD
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,PA	06/15/2021 09:00	06/15/2021 15:53	PD
79-01-6	Trichloroethylene	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,PA	06/15/2021 09:00	06/15/2021 15:53	PD
75-69-4	Trichlorofluoromethane	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,PA	06/15/2021 09:00	06/15/2021 15:53	PD
75-01-4	Vinyl Chloride	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,PA	06/15/2021 09:00	06/15/2021 15:53	PD

Volatile Organics, tert-Butyl Alcohol

Sample Prepared by Method: EPA 5030B

Log-in Notes:

Sample Notes:

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
75-65-0	tert-Butyl alcohol (TBA)	ND		ug/L	0.50	1.0	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP,NELAC-NY12058,PA	06/15/2021 09:00	06/15/2021 15:53	PD

Arsenic by EPA 6010

Sample Prepared by Method: EPA 3015A

Log-in Notes:

Sample Notes:

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-38-2	Arsenic	0.0435		mg/L	0.0167	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/11/2021 09:01	06/16/2021 18:14	EM

Cadmium by EPA 6010

Sample Prepared by Method: EPA 3015A

Log-in Notes:

Sample Notes:

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-43-9	Cadmium	ND		mg/L	0.00333	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/11/2021 09:01	06/16/2021 18:14	EM

Copper by EPA 6010

Sample Prepared by Method: EPA 3015A

Log-in Notes:

Sample Notes:

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-50-8	Copper	0.0526		mg/L	0.0222	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/11/2021 09:01	06/16/2021 18:14	EM

Lead by EPA 6010

Sample Prepared by Method: EPA 3015A

Log-in Notes:

Sample Notes:

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
120 RESEARCH DRIVE		STRATFORD, CT 06615	■		132-02 89th AVENUE			RICHMOND HILL, NY 11418		
www.YORKLAB.com		(203) 325-1371			FAX (203) 357-0166			ClientServices@yorklab.com		



Sample Information

Client Sample ID: MW-1S @ 840

York Sample ID: 21F0536-01

York Project (SDG) No.
21F0536

Client Project ID
Village of Mamaroneck

Matrix
Water

Collection Date/Time
June 10, 2021 8:40 am

Date Received
06/10/2021

Lead by EPA 6010

Sample Prepared by Method: EPA 3015A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-92-1	Lead	0.112		mg/L	0.00556	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/11/2021 09:01	06/16/2021 18:14	EM

Zinc by EPA 6010

Sample Prepared by Method: EPA 3015A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-66-6	Zinc	0.147		mg/L	0.0278	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/11/2021 09:01	06/16/2021 18:14	EM

Mercury by 7470/7471

Sample Prepared by Method: EPA SW846-7470A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	Mercury	ND		mg/L	0.0002	1	EPA 7470 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/15/2021 21:56	06/15/2021 21:56	AA

Sample Information

Client Sample ID: MW-1D @ 845

York Sample ID: 21F0536-02

York Project (SDG) No.
21F0536

Client Project ID
Village of Mamaroneck

Matrix
Water

Collection Date/Time
June 10, 2021 8:45 am

Date Received
06/10/2021

Volatile Organics, 8260 List

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,PA	06/15/2021 09:00	06/15/2021 16:20	PD
71-55-6	1,1,1-Trichloroethane	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,PA	06/15/2021 09:00	06/15/2021 16:20	PD
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,PA	06/15/2021 09:00	06/15/2021 16:20	PD
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,PA	06/15/2021 09:00	06/15/2021 16:20	PD
79-00-5	1,1,2-Trichloroethane	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,PA	06/15/2021 09:00	06/15/2021 16:20	PD
75-34-3	1,1-Dichloroethane	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,PA	06/15/2021 09:00	06/15/2021 16:20	PD



Sample Information

Client Sample ID: MW-1D @ 845

York Sample ID: 21F0536-02

York Project (SDG) No.
21F0536

Client Project ID
Village of Mamaroneck

Matrix
Water

Collection Date/Time
June 10, 2021 8:45 am

Date Received
06/10/2021

Volatile Organics, 8260 List

Sample Prepared by Method: EPA 5030B

Log-in Notes:

Sample Notes:

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
75-35-4	1,1-Dichloroethylene	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,PA	06/15/2021 09:00	06/15/2021 16:20	PD
563-58-6	1,1-Dichloropropylene	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP	06/15/2021 09:00	06/15/2021 16:20	PD
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,PADEP,NJE	06/15/2021 09:00	06/15/2021 16:20	PD
96-18-4	1,2,3-Trichloropropane	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,PADEP,NJE	06/15/2021 09:00	06/15/2021 16:20	PD
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,PADEP,NJE	06/15/2021 09:00	06/15/2021 16:20	PD
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,PA	06/15/2021 09:00	06/15/2021 16:20	PD
106-93-4	1,2-Dibromoethane	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,PA	06/15/2021 09:00	06/15/2021 16:20	PD
95-50-1	1,2-Dichlorobenzene	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,PA	06/15/2021 09:00	06/15/2021 16:20	PD
107-06-2	1,2-Dichloroethane	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,PA	06/15/2021 09:00	06/15/2021 16:20	PD
78-87-5	1,2-Dichloropropane	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,PA	06/15/2021 09:00	06/15/2021 16:20	PD
541-73-1	1,3-Dichlorobenzene	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,PA	06/15/2021 09:00	06/15/2021 16:20	PD
142-28-9	1,3-Dichloropropane	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,PADEP,NJE	06/15/2021 09:00	06/15/2021 16:20	PD
106-46-7	1,4-Dichlorobenzene	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,PA	06/15/2021 09:00	06/15/2021 16:20	PD
594-20-7	2,2-Dichloropropane	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,PADEP,NJE	06/15/2021 09:00	06/15/2021 16:20	PD
95-49-8	2-Chlorotoluene	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,PA	06/15/2021 09:00	06/15/2021 16:20	PD
106-43-4	4-Chlorotoluene	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,PA	06/15/2021 09:00	06/15/2021 16:20	PD
108-86-1	Bromobenzene	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,PADEP,NJE	06/15/2021 09:00	06/15/2021 16:20	PD
74-97-5	Bromochloromethane	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,PADEP,NJE	06/15/2021 09:00	06/15/2021 16:20	PD
75-27-4	Bromodichloromethane	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,PA	06/15/2021 09:00	06/15/2021 16:20	PD
75-25-2	Bromoform	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,PA	06/15/2021 09:00	06/15/2021 16:20	PD
74-83-9	Bromomethane	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,PA	06/15/2021 09:00	06/15/2021 16:20	PD



Sample Information

Client Sample ID: MW-1D @ 845

York Sample ID: 21F0536-02

York Project (SDG) No.
21F0536

Client Project ID
Village of Mamaroneck

Matrix
Water

Collection Date/Time
June 10, 2021 8:45 am

Date Received
06/10/2021

Volatile Organics, 8260 List

Sample Prepared by Method: EPA 5030B

Log-in Notes:

Sample Notes:

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
56-23-5	Carbon tetrachloride	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,PA	06/15/2021 09:00	06/15/2021 16:20	PD
108-90-7	Chlorobenzene	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,PA	06/15/2021 09:00	06/15/2021 16:20	PD
75-00-3	Chloroethane	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,PA	06/15/2021 09:00	06/15/2021 16:20	PD
67-66-3	Chloroform	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,PA	06/15/2021 09:00	06/15/2021 16:20	PD
74-87-3	Chloromethane	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,PA	06/15/2021 09:00	06/15/2021 16:20	PD
156-59-2	cis-1,2-Dichloroethylene	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,PA	06/15/2021 09:00	06/15/2021 16:20	PD
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,PA	06/15/2021 09:00	06/15/2021 16:20	PD
124-48-1	Dibromochloromethane	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,PA	06/15/2021 09:00	06/15/2021 16:20	PD
74-95-3	Dibromomethane	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,PADEP,NJE	06/15/2021 09:00	06/15/2021 16:20	PD
75-71-8	Dichlorodifluoromethane	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,PADEP,NJE	06/15/2021 09:00	06/15/2021 16:20	PD
87-68-3	Hexachlorobutadiene	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,PADEP,NJE	06/15/2021 09:00	06/15/2021 16:20	PD
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,PA	06/15/2021 09:00	06/15/2021 16:20	PD
75-09-2	Methylene chloride	ND		ug/L	2.5	10	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,PA	06/15/2021 09:00	06/15/2021 16:20	PD
98-06-6	tert-Butylbenzene	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,PA	06/15/2021 09:00	06/15/2021 16:20	PD
127-18-4	Tetrachloroethylene	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,PA	06/15/2021 09:00	06/15/2021 16:20	PD
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,PA	06/15/2021 09:00	06/15/2021 16:20	PD
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,PA	06/15/2021 09:00	06/15/2021 16:20	PD
79-01-6	Trichloroethylene	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,PA	06/15/2021 09:00	06/15/2021 16:20	PD
75-69-4	Trichlorofluoromethane	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,PA	06/15/2021 09:00	06/15/2021 16:20	PD
75-01-4	Vinyl Chloride	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,PA	06/15/2021 09:00	06/15/2021 16:20	PD



Sample Information

Client Sample ID: MW-1D @ 845

York Sample ID: 21F0536-02

York Project (SDG) No.
21F0536

Client Project ID
Village of Mamaroneck

Matrix
Water

Collection Date/Time
June 10, 2021 8:45 am

Date Received
06/10/2021

Volatile Organics, tert-Butyl Alcohol

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
75-65-0	tert-Butyl alcohol (TBA)	ND		ug/L	0.50	1.0	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP,NELAC-NY12058,PAE	06/15/2021 09:00	06/15/2021 16:20	PD

Arsenic by EPA 6010

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3015A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-38-2	Arsenic	ND		mg/L	0.0167	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/11/2021 09:01	06/16/2021 18:31	EM

Cadmium by EPA 6010

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3015A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-43-9	Cadmium	ND		mg/L	0.00333	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/11/2021 09:01	06/16/2021 18:31	EM

Copper by EPA 6010

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3015A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-50-8	Copper	ND		mg/L	0.0222	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/11/2021 09:01	06/16/2021 18:31	EM

Lead by EPA 6010

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3015A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-92-1	Lead	ND		mg/L	0.00556	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/11/2021 09:01	06/16/2021 18:31	EM

Zinc by EPA 6010

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3015A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-66-6	Zinc	0.0310		mg/L	0.0278	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/11/2021 09:01	06/16/2021 18:31	EM

Mercury by 7470/7471

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA SW846-7470A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	Mercury	ND		mg/L	0.0002	1	EPA 7470 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/15/2021 21:56	06/15/2021 21:56	AA



Sample Information

Client Sample ID: MW-2S @ 925

York Sample ID: 21F0536-03

York Project (SDG) No.

21F0536

Client Project ID
Village of Mamaroneck

Matrix

Water

Collection Date/Time

June 10, 2021 9:25 am

Date Received

06/10/2021

Volatile Organics, 8260 List

Sample Prepared by Method: EPA 5030B

Log-in Notes:

Sample Notes:

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,PA	06/15/2021 09:00	06/15/2021 16:46	PD
71-55-6	1,1,1-Trichloroethane	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,PA	06/15/2021 09:00	06/15/2021 16:46	PD
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,PA	06/15/2021 09:00	06/15/2021 16:46	PD
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,PA	06/15/2021 09:00	06/15/2021 16:46	PD
79-00-5	1,1,2-Trichloroethane	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,PA	06/15/2021 09:00	06/15/2021 16:46	PD
75-34-3	1,1-Dichloroethane	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,PA	06/15/2021 09:00	06/15/2021 16:46	PD
75-35-4	1,1-Dichloroethylene	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,PA	06/15/2021 09:00	06/15/2021 16:46	PD
563-58-6	1,1-Dichloropropylene	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP	06/15/2021 09:00	06/15/2021 16:46	PD
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,PADEP,NJDEP	06/15/2021 09:00	06/15/2021 16:46	PD
96-18-4	1,2,3-Trichloropropane	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,PADEP,NJDEP	06/15/2021 09:00	06/15/2021 16:46	PD
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,PADEP,NJDEP	06/15/2021 09:00	06/15/2021 16:46	PD
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,PA	06/15/2021 09:00	06/15/2021 16:46	PD
106-93-4	1,2-Dibromoethane	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,PA	06/15/2021 09:00	06/15/2021 16:46	PD
95-50-1	1,2-Dichlorobenzene	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,PA	06/15/2021 09:00	06/15/2021 16:46	PD
107-06-2	1,2-Dichloroethane	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,PA	06/15/2021 09:00	06/15/2021 16:46	PD
78-87-5	1,2-Dichloropropane	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,PA	06/15/2021 09:00	06/15/2021 16:46	PD
541-73-1	1,3-Dichlorobenzene	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,PA	06/15/2021 09:00	06/15/2021 16:46	PD
142-28-9	1,3-Dichloropropane	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,PADEP,NJDEP	06/15/2021 09:00	06/15/2021 16:46	PD
106-46-7	1,4-Dichlorobenzene	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,PA	06/15/2021 09:00	06/15/2021 16:46	PD
594-20-7	2,2-Dichloropropane	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,PADEP,NJDEP	06/15/2021 09:00	06/15/2021 16:46	PD
95-49-8	2-Chlorotoluene	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,PA	06/15/2021 09:00	06/15/2021 16:46	PD



Sample Information

Client Sample ID: MW-2S @ 925

York Sample ID: 21F0536-03

York Project (SDG) No.
21F0536

Client Project ID
Village of Mamaroneck

Matrix
Water

Collection Date/Time
June 10, 2021 9:25 am

Date Received
06/10/2021

Volatile Organics, 8260 List

Sample Prepared by Method: EPA 5030B

Log-in Notes:

Sample Notes:

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
106-43-4	4-Chlorotoluene	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,PA	06/15/2021 09:00	06/15/2021 16:46	PD
108-86-1	Bromobenzene	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,PADEP,NJE	06/15/2021 09:00	06/15/2021 16:46	PD
74-97-5	Bromochloromethane	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,PADEP,NJE	06/15/2021 09:00	06/15/2021 16:46	PD
75-27-4	Bromodichloromethane	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,PA	06/15/2021 09:00	06/15/2021 16:46	PD
75-25-2	Bromoform	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,PA	06/15/2021 09:00	06/15/2021 16:46	PD
74-83-9	Bromomethane	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,PA	06/15/2021 09:00	06/15/2021 16:46	PD
56-23-5	Carbon tetrachloride	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,PA	06/15/2021 09:00	06/15/2021 16:46	PD
108-90-7	Chlorobenzene	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,PA	06/15/2021 09:00	06/15/2021 16:46	PD
75-00-3	Chloroethane	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,PA	06/15/2021 09:00	06/15/2021 16:46	PD
67-66-3	Chloroform	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,PA	06/15/2021 09:00	06/15/2021 16:46	PD
74-87-3	Chloromethane	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,PA	06/15/2021 09:00	06/15/2021 16:46	PD
156-59-2	cis-1,2-Dichloroethylene	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,PA	06/15/2021 09:00	06/15/2021 16:46	PD
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,PA	06/15/2021 09:00	06/15/2021 16:46	PD
124-48-1	Dibromochloromethane	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,PA	06/15/2021 09:00	06/15/2021 16:46	PD
74-95-3	Dibromomethane	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,PADEP,NJE	06/15/2021 09:00	06/15/2021 16:46	PD
75-71-8	Dichlorodifluoromethane	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,PADEP,NJE	06/15/2021 09:00	06/15/2021 16:46	PD
87-68-3	Hexachlorobutadiene	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,PADEP,NJE	06/15/2021 09:00	06/15/2021 16:46	PD
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,PA	06/15/2021 09:00	06/15/2021 16:46	PD
75-09-2	Methylene chloride	ND		ug/L	2.5	10	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,PA	06/15/2021 09:00	06/15/2021 16:46	PD
98-06-6	tert-Butylbenzene	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,PA	06/15/2021 09:00	06/15/2021 16:46	PD
127-18-4	Tetrachloroethylene	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,PA	06/15/2021 09:00	06/15/2021 16:46	PD



Sample Information

Client Sample ID: MW-2S @ 925

York Sample ID: 21F0536-03

York Project (SDG) No.
21F0536

Client Project ID
Village of Mamaroneck

Matrix
Water

Collection Date/Time
June 10, 2021 9:25 am

Date Received
06/10/2021

Volatile Organics, 8260 List

Sample Prepared by Method: EPA 5030B

Log-in Notes:

Sample Notes:

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,PA	06/15/2021 09:00	06/15/2021 16:46	PD
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,PA	06/15/2021 09:00	06/15/2021 16:46	PD
79-01-6	Trichloroethylene	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,PA	06/15/2021 09:00	06/15/2021 16:46	PD
75-69-4	Trichlorofluoromethane	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,PA	06/15/2021 09:00	06/15/2021 16:46	PD
75-01-4	Vinyl Chloride	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,PA	06/15/2021 09:00	06/15/2021 16:46	PD

Volatile Organics, tert-Butyl Alcohol

Sample Prepared by Method: EPA 5030B

Log-in Notes:

Sample Notes:

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
75-65-0	tert-Butyl alcohol (TBA)	ND		ug/L	0.50	1.0	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP,NELAC-NY12058,PA	06/15/2021 09:00	06/15/2021 16:46	PD

Arsenic by EPA 6010

Sample Prepared by Method: EPA 3015A

Log-in Notes:

Sample Notes:

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-38-2	Arsenic	ND		mg/L	0.0167	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/11/2021 09:01	06/16/2021 18:38	EM

Cadmium by EPA 6010

Sample Prepared by Method: EPA 3015A

Log-in Notes:

Sample Notes:

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-43-9	Cadmium	ND		mg/L	0.00333	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/11/2021 09:01	06/16/2021 18:38	EM

Copper by EPA 6010

Sample Prepared by Method: EPA 3015A

Log-in Notes:

Sample Notes:

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-50-8	Copper	0.0380		mg/L	0.0222	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/11/2021 09:01	06/16/2021 18:38	EM

Lead by EPA 6010

Sample Prepared by Method: EPA 3015A

Log-in Notes:

Sample Notes:

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-92-1	Lead	0.0813		mg/L	0.00556	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/11/2021 09:01	06/16/2021 18:38	EM



Sample Information

Client Sample ID: MW-2S @ 925

York Sample ID: 21F0536-03

York Project (SDG) No.
21F0536

Client Project ID
Village of Mamaroneck

Matrix
Water

Collection Date/Time
June 10, 2021 9:25 am

Date Received
06/10/2021

Zinc by EPA 6010

Sample Prepared by Method: EPA 3015A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-66-6	Zinc	0.124		mg/L	0.0278	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/11/2021 09:01	06/16/2021 18:38	EM

Mercury by 7470/7471

Sample Prepared by Method: EPA SW846-7470A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	Mercury	ND		mg/L	0.0002	1	EPA 7470 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/15/2021 21:56	06/15/2021 21:56	AA

Sample Information

Client Sample ID: MW-2D @ 930

York Sample ID: 21F0536-04

York Project (SDG) No.
21F0536

Client Project ID
Village of Mamaroneck

Matrix
Water

Collection Date/Time
June 10, 2021 9:30 am

Date Received
06/10/2021

Volatile Organics, 8260 List

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,PA	06/15/2021 09:00	06/15/2021 17:13	PD
71-55-6	1,1,1-Trichloroethane	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,PA	06/15/2021 09:00	06/15/2021 17:13	PD
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,PA	06/15/2021 09:00	06/15/2021 17:13	PD
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,PA	06/15/2021 09:00	06/15/2021 17:13	PD
79-00-5	1,1,2-Trichloroethane	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,PA	06/15/2021 09:00	06/15/2021 17:13	PD
75-34-3	1,1-Dichloroethane	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,PA	06/15/2021 09:00	06/15/2021 17:13	PD
75-35-4	1,1-Dichloroethylene	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,PA	06/15/2021 09:00	06/15/2021 17:13	PD
563-58-6	1,1-Dichloropropylene	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP	06/15/2021 09:00	06/15/2021 17:13	PD
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,PADEP,NJE	06/15/2021 09:00	06/15/2021 17:13	PD
96-18-4	1,2,3-Trichloropropane	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,PADEP,NJE	06/15/2021 09:00	06/15/2021 17:13	PD



Sample Information

Client Sample ID: MW-2D @ 930

York Sample ID: 21F0536-04

York Project (SDG) No.
21F0536

Client Project ID
Village of Mamaroneck

Matrix
Water

Collection Date/Time
June 10, 2021 9:30 am

Date Received
06/10/2021

Volatile Organics, 8260 List

Sample Prepared by Method: EPA 5030B

Log-in Notes:

Sample Notes:

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,PADEP,NJE	06/15/2021 09:00	06/15/2021 17:13	PD
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,PA	06/15/2021 09:00	06/15/2021 17:13	PD
106-93-4	1,2-Dibromoethane	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,PA	06/15/2021 09:00	06/15/2021 17:13	PD
95-50-1	1,2-Dichlorobenzene	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,PA	06/15/2021 09:00	06/15/2021 17:13	PD
107-06-2	1,2-Dichloroethane	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,PA	06/15/2021 09:00	06/15/2021 17:13	PD
78-87-5	1,2-Dichloropropane	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,PA	06/15/2021 09:00	06/15/2021 17:13	PD
541-73-1	1,3-Dichlorobenzene	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,PA	06/15/2021 09:00	06/15/2021 17:13	PD
142-28-9	1,3-Dichloropropane	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,PADEP,NJE	06/15/2021 09:00	06/15/2021 17:13	PD
106-46-7	1,4-Dichlorobenzene	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,PA	06/15/2021 09:00	06/15/2021 17:13	PD
594-20-7	2,2-Dichloropropane	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,PADEP,NJE	06/15/2021 09:00	06/15/2021 17:13	PD
95-49-8	2-Chlorotoluene	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,PA	06/15/2021 09:00	06/15/2021 17:13	PD
106-43-4	4-Chlorotoluene	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,PA	06/15/2021 09:00	06/15/2021 17:13	PD
108-86-1	Bromobenzene	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,PADEP,NJE	06/15/2021 09:00	06/15/2021 17:13	PD
74-97-5	Bromochloromethane	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,PADEP,NJE	06/15/2021 09:00	06/15/2021 17:13	PD
75-27-4	Bromodichloromethane	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,PA	06/15/2021 09:00	06/15/2021 17:13	PD
75-25-2	Bromoform	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,PA	06/15/2021 09:00	06/15/2021 17:13	PD
74-83-9	Bromomethane	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,PA	06/15/2021 09:00	06/15/2021 17:13	PD
56-23-5	Carbon tetrachloride	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,PA	06/15/2021 09:00	06/15/2021 17:13	PD
108-90-7	Chlorobenzene	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,PA	06/15/2021 09:00	06/15/2021 17:13	PD
75-00-3	Chloroethane	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,PA	06/15/2021 09:00	06/15/2021 17:13	PD
67-66-3	Chloroform	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,PA	06/15/2021 09:00	06/15/2021 17:13	PD



Sample Information

Client Sample ID: MW-2D @ 930

York Sample ID: 21F0536-04

York Project (SDG) No.
21F0536

Client Project ID
Village of Mamaroneck

Matrix
Water

Collection Date/Time
June 10, 2021 9:30 am

Date Received
06/10/2021

Volatile Organics, 8260 List

Sample Prepared by Method: EPA 5030B

Log-in Notes:

Sample Notes:

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
74-87-3	Chloromethane	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,PA	06/15/2021 09:00	06/15/2021 17:13	PD
156-59-2	cis-1,2-Dichloroethylene	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,PA	06/15/2021 09:00	06/15/2021 17:13	PD
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,PA	06/15/2021 09:00	06/15/2021 17:13	PD
124-48-1	Dibromochloromethane	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,PA	06/15/2021 09:00	06/15/2021 17:13	PD
74-95-3	Dibromomethane	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,PADEP,NJE	06/15/2021 09:00	06/15/2021 17:13	PD
75-71-8	Dichlorodifluoromethane	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,PADEP,NJE	06/15/2021 09:00	06/15/2021 17:13	PD
87-68-3	Hexachlorobutadiene	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,PADEP,NJE	06/15/2021 09:00	06/15/2021 17:13	PD
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,PA	06/15/2021 09:00	06/15/2021 17:13	PD
75-09-2	Methylene chloride	ND		ug/L	2.5	10	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,PA	06/15/2021 09:00	06/15/2021 17:13	PD
98-06-6	tert-Butylbenzene	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,PA	06/15/2021 09:00	06/15/2021 17:13	PD
127-18-4	Tetrachloroethylene	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,PA	06/15/2021 09:00	06/15/2021 17:13	PD
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,PA	06/15/2021 09:00	06/15/2021 17:13	PD
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,PA	06/15/2021 09:00	06/15/2021 17:13	PD
79-01-6	Trichloroethylene	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,PA	06/15/2021 09:00	06/15/2021 17:13	PD
75-69-4	Trichlorofluoromethane	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,PA	06/15/2021 09:00	06/15/2021 17:13	PD
75-01-4	Vinyl Chloride	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,PA	06/15/2021 09:00	06/15/2021 17:13	PD

Volatile Organics, tert-Butyl Alcohol

Sample Prepared by Method: EPA 5030B

Log-in Notes:

Sample Notes:

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
75-65-0	tert-Butyl alcohol (TBA)	ND		ug/L	0.50	1.0	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP,NELAC-NY12058,PAE	06/15/2021 09:00	06/15/2021 17:13	PD



Sample Information

Client Sample ID: MW-2D @ 930

York Sample ID: 21F0536-04

York Project (SDG) No.
21F0536

Client Project ID
Village of Mamaroneck

Matrix
Water

Collection Date/Time
June 10, 2021 9:30 am

Date Received
06/10/2021

Arsenic by EPA 6010

Sample Prepared by Method: EPA 3015A

Log-in Notes:

Sample Notes:

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-38-2	Arsenic	ND		mg/L	0.0167	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/11/2021 09:01	06/16/2021 18:45	EM

Cadmium by EPA 6010

Sample Prepared by Method: EPA 3015A

Log-in Notes:

Sample Notes:

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-43-9	Cadmium	ND		mg/L	0.00333	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/11/2021 09:01	06/16/2021 18:45	EM

Copper by EPA 6010

Sample Prepared by Method: EPA 3015A

Log-in Notes:

Sample Notes:

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-50-8	Copper	ND		mg/L	0.0222	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/11/2021 09:01	06/16/2021 18:45	EM

Lead by EPA 6010

Sample Prepared by Method: EPA 3015A

Log-in Notes:

Sample Notes:

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-92-1	Lead	ND		mg/L	0.00556	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/11/2021 09:01	06/16/2021 18:45	EM

Zinc by EPA 6010

Sample Prepared by Method: EPA 3015A

Log-in Notes:

Sample Notes:

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-66-6	Zinc	ND		mg/L	0.0278	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/11/2021 09:01	06/16/2021 18:45	EM

Mercury by 7470/7471

Sample Prepared by Method: EPA SW846-7470A

Log-in Notes:

Sample Notes:

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	Mercury	ND		mg/L	0.0002	1	EPA 7470 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/15/2021 21:56	06/15/2021 21:56	AA



Sample Information

<u>Client Sample ID:</u> MW-3S @ 1003	<u>York Sample ID:</u> 21F0536-05			
<u>York Project (SDG) No.</u> 21F0536	<u>Client Project ID</u> Village of Mamaroneck	<u>Matrix</u> Water	<u>Collection Date/Time</u> June 10, 2021 10:03 am	<u>Date Received</u> 06/10/2021

Volatile Organics, 8260 List

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,PA	06/15/2021 09:00	06/15/2021 17:40	PD
71-55-6	1,1,1-Trichloroethane	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,PA	06/15/2021 09:00	06/15/2021 17:40	PD
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,PA	06/15/2021 09:00	06/15/2021 17:40	PD
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,PA	06/15/2021 09:00	06/15/2021 17:40	PD
79-00-5	1,1,2-Trichloroethane	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,PA	06/15/2021 09:00	06/15/2021 17:40	PD
75-34-3	1,1-Dichloroethane	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,PA	06/15/2021 09:00	06/15/2021 17:40	PD
75-35-4	1,1-Dichloroethylene	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,PA	06/15/2021 09:00	06/15/2021 17:40	PD
563-58-6	1,1-Dichloropropylene	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP	06/15/2021 09:00	06/15/2021 17:40	PD
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,PADEP,NJE	06/15/2021 09:00	06/15/2021 17:40	PD
96-18-4	1,2,3-Trichloropropane	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,PADEP,NJE	06/15/2021 09:00	06/15/2021 17:40	PD
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,PADEP,NJE	06/15/2021 09:00	06/15/2021 17:40	PD
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,PA	06/15/2021 09:00	06/15/2021 17:40	PD
106-93-4	1,2-Dibromoethane	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,PA	06/15/2021 09:00	06/15/2021 17:40	PD
95-50-1	1,2-Dichlorobenzene	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,PA	06/15/2021 09:00	06/15/2021 17:40	PD
107-06-2	1,2-Dichloroethane	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,PA	06/15/2021 09:00	06/15/2021 17:40	PD
78-87-5	1,2-Dichloropropane	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,PA	06/15/2021 09:00	06/15/2021 17:40	PD
541-73-1	1,3-Dichlorobenzene	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,PA	06/15/2021 09:00	06/15/2021 17:40	PD
142-28-9	1,3-Dichloropropane	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,PADEP,NJE	06/15/2021 09:00	06/15/2021 17:40	PD
106-46-7	1,4-Dichlorobenzene	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,PA	06/15/2021 09:00	06/15/2021 17:40	PD
594-20-7	2,2-Dichloropropane	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,PADEP,NJE	06/15/2021 09:00	06/15/2021 17:40	PD
95-49-8	2-Chlorotoluene	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,PA	06/15/2021 09:00	06/15/2021 17:40	PD



Sample Information

Client Sample ID: MW-3S @ 1003

York Sample ID: 21F0536-05

York Project (SDG) No.
21F0536

Client Project ID
Village of Mamaroneck

Matrix
Water

Collection Date/Time
June 10, 2021 10:03 am

Date Received
06/10/2021

Volatile Organics, 8260 List

Sample Prepared by Method: EPA 5030B

Log-in Notes:

Sample Notes:

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
106-43-4	4-Chlorotoluene	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,PA	06/15/2021 09:00	06/15/2021 17:40	PD
108-86-1	Bromobenzene	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,PADEP,NJE	06/15/2021 09:00	06/15/2021 17:40	PD
74-97-5	Bromochloromethane	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,PADEP,NJE	06/15/2021 09:00	06/15/2021 17:40	PD
75-27-4	Bromodichloromethane	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,PA	06/15/2021 09:00	06/15/2021 17:40	PD
75-25-2	Bromoform	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,PA	06/15/2021 09:00	06/15/2021 17:40	PD
74-83-9	Bromomethane	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,PA	06/15/2021 09:00	06/15/2021 17:40	PD
56-23-5	Carbon tetrachloride	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,PA	06/15/2021 09:00	06/15/2021 17:40	PD
108-90-7	Chlorobenzene	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,PA	06/15/2021 09:00	06/15/2021 17:40	PD
75-00-3	Chloroethane	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,PA	06/15/2021 09:00	06/15/2021 17:40	PD
67-66-3	Chloroform	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,PA	06/15/2021 09:00	06/15/2021 17:40	PD
74-87-3	Chloromethane	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,PA	06/15/2021 09:00	06/15/2021 17:40	PD
156-59-2	cis-1,2-Dichloroethylene	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,PA	06/15/2021 09:00	06/15/2021 17:40	PD
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,PA	06/15/2021 09:00	06/15/2021 17:40	PD
124-48-1	Dibromochloromethane	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,PA	06/15/2021 09:00	06/15/2021 17:40	PD
74-95-3	Dibromomethane	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,PADEP,NJE	06/15/2021 09:00	06/15/2021 17:40	PD
75-71-8	Dichlorodifluoromethane	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,PADEP,NJE	06/15/2021 09:00	06/15/2021 17:40	PD
87-68-3	Hexachlorobutadiene	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,PADEP,NJE	06/15/2021 09:00	06/15/2021 17:40	PD
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,PA	06/15/2021 09:00	06/15/2021 17:40	PD
75-09-2	Methylene chloride	ND		ug/L	2.5	10	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,PA	06/15/2021 09:00	06/15/2021 17:40	PD
98-06-6	tert-Butylbenzene	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,PA	06/15/2021 09:00	06/15/2021 17:40	PD
127-18-4	Tetrachloroethylene	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,PA	06/15/2021 09:00	06/15/2021 17:40	PD



Sample Information

Client Sample ID: MW-3S @ 1003

York Sample ID: 21F0536-05

York Project (SDG) No.
21F0536

Client Project ID
Village of Mamaroneck

Matrix
Water

Collection Date/Time
June 10, 2021 10:03 am

Date Received
06/10/2021

Volatile Organics, 8260 List

Sample Prepared by Method: EPA 5030B

Log-in Notes:

Sample Notes:

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,PA	06/15/2021 09:00	06/15/2021 17:40	PD
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,PA	06/15/2021 09:00	06/15/2021 17:40	PD
79-01-6	Trichloroethylene	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,PA	06/15/2021 09:00	06/15/2021 17:40	PD
75-69-4	Trichlorofluoromethane	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,PA	06/15/2021 09:00	06/15/2021 17:40	PD
75-01-4	Vinyl Chloride	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,PA	06/15/2021 09:00	06/15/2021 17:40	PD

Volatile Organics, tert-Butyl Alcohol

Sample Prepared by Method: EPA 5030B

Log-in Notes:

Sample Notes:

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
75-65-0	tert-Butyl alcohol (TBA)	ND		ug/L	0.50	1.0	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP,NELAC-NY12058,PAE	06/15/2021 09:00	06/15/2021 17:40	PD

Arsenic by EPA 6010

Sample Prepared by Method: EPA 3015A

Log-in Notes:

Sample Notes:

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-38-2	Arsenic	ND		mg/L	0.0167	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/11/2021 09:01	06/16/2021 18:51	EM

Cadmium by EPA 6010

Sample Prepared by Method: EPA 3015A

Log-in Notes:

Sample Notes:

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-43-9	Cadmium	ND		mg/L	0.00333	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/11/2021 09:01	06/16/2021 18:51	EM

Copper by EPA 6010

Sample Prepared by Method: EPA 3015A

Log-in Notes:

Sample Notes:

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-50-8	Copper	0.0442		mg/L	0.0222	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/11/2021 09:01	06/16/2021 18:51	EM

Lead by EPA 6010

Sample Prepared by Method: EPA 3015A

Log-in Notes:

Sample Notes:

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-92-1	Lead	ND		mg/L	0.00556	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/11/2021 09:01	06/16/2021 18:51	EM



Sample Information

Client Sample ID: MW-3S @ 1003

York Sample ID: 21F0536-05

York Project (SDG) No.
21F0536

Client Project ID
Village of Mamaroneck

Matrix
Water

Collection Date/Time
June 10, 2021 10:03 am

Date Received
06/10/2021

Zinc by EPA 6010

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3015A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-66-6	Zinc	0.0586		mg/L	0.0278	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/11/2021 09:01	06/16/2021 18:51	EM

Mercury by 7470/7471

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA SW846-7470A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	Mercury	ND		mg/L	0.0002	1	EPA 7470 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/15/2021 21:56	06/15/2021 21:56	AA

Sample Information

Client Sample ID: MW-3D @ 1008

York Sample ID: 21F0536-06

York Project (SDG) No.
21F0536

Client Project ID
Village of Mamaroneck

Matrix
Water

Collection Date/Time
June 10, 2021 10:08 am

Date Received
06/10/2021

Volatile Organics, 8260 List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,PA	06/15/2021 09:00	06/15/2021 18:07	PD
71-55-6	1,1,1-Trichloroethane	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,PA	06/15/2021 09:00	06/15/2021 18:07	PD
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,PA	06/15/2021 09:00	06/15/2021 18:07	PD
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,PA	06/15/2021 09:00	06/15/2021 18:07	PD
79-00-5	1,1,2-Trichloroethane	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,PA	06/15/2021 09:00	06/15/2021 18:07	PD
75-34-3	1,1-Dichloroethane	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,PA	06/15/2021 09:00	06/15/2021 18:07	PD
75-35-4	1,1-Dichloroethylene	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,PA	06/15/2021 09:00	06/15/2021 18:07	PD
563-58-6	1,1-Dichloropropylene	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP	06/15/2021 09:00	06/15/2021 18:07	PD
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,PADEP,NJDEP	06/15/2021 09:00	06/15/2021 18:07	PD
96-18-4	1,2,3-Trichloropropane	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,PADEP,NJDEP	06/15/2021 09:00	06/15/2021 18:07	PD



Sample Information

Client Sample ID: MW-3D @ 1008

York Sample ID: 21F0536-06

York Project (SDG) No.
21F0536

Client Project ID
Village of Mamaroneck

Matrix
Water

Collection Date/Time
June 10, 2021 10:08 am

Date Received
06/10/2021

Volatile Organics, 8260 List

Sample Prepared by Method: EPA 5030B

Log-in Notes:

Sample Notes:

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,PADEP,NJE	06/15/2021 09:00	06/15/2021 18:07	PD
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,PA	06/15/2021 09:00	06/15/2021 18:07	PD
106-93-4	1,2-Dibromoethane	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,PA	06/15/2021 09:00	06/15/2021 18:07	PD
95-50-1	1,2-Dichlorobenzene	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,PA	06/15/2021 09:00	06/15/2021 18:07	PD
107-06-2	1,2-Dichloroethane	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,PA	06/15/2021 09:00	06/15/2021 18:07	PD
78-87-5	1,2-Dichloropropane	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,PA	06/15/2021 09:00	06/15/2021 18:07	PD
541-73-1	1,3-Dichlorobenzene	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,PA	06/15/2021 09:00	06/15/2021 18:07	PD
142-28-9	1,3-Dichloropropane	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,PADEP,NJE	06/15/2021 09:00	06/15/2021 18:07	PD
106-46-7	1,4-Dichlorobenzene	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,PA	06/15/2021 09:00	06/15/2021 18:07	PD
594-20-7	2,2-Dichloropropane	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,PADEP,NJE	06/15/2021 09:00	06/15/2021 18:07	PD
95-49-8	2-Chlorotoluene	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,PA	06/15/2021 09:00	06/15/2021 18:07	PD
106-43-4	4-Chlorotoluene	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,PA	06/15/2021 09:00	06/15/2021 18:07	PD
108-86-1	Bromobenzene	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,PADEP,NJE	06/15/2021 09:00	06/15/2021 18:07	PD
74-97-5	Bromochloromethane	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,PADEP,NJE	06/15/2021 09:00	06/15/2021 18:07	PD
75-27-4	Bromodichloromethane	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,PA	06/15/2021 09:00	06/15/2021 18:07	PD
75-25-2	Bromoform	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,PA	06/15/2021 09:00	06/15/2021 18:07	PD
74-83-9	Bromomethane	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,PA	06/15/2021 09:00	06/15/2021 18:07	PD
56-23-5	Carbon tetrachloride	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,PA	06/15/2021 09:00	06/15/2021 18:07	PD
108-90-7	Chlorobenzene	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,PA	06/15/2021 09:00	06/15/2021 18:07	PD
75-00-3	Chloroethane	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,PA	06/15/2021 09:00	06/15/2021 18:07	PD
67-66-3	Chloroform	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,PA	06/15/2021 09:00	06/15/2021 18:07	PD



Sample Information

Client Sample ID: MW-3D @ 1008

York Sample ID: 21F0536-06

York Project (SDG) No.
21F0536

Client Project ID
Village of Mamaroneck

Matrix
Water

Collection Date/Time
June 10, 2021 10:08 am

Date Received
06/10/2021

Volatile Organics, 8260 List

Sample Prepared by Method: EPA 5030B

Log-in Notes:

Sample Notes:

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
74-87-3	Chloromethane	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,PA	06/15/2021 09:00	06/15/2021 18:07	PD
156-59-2	cis-1,2-Dichloroethylene	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,PA	06/15/2021 09:00	06/15/2021 18:07	PD
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,PA	06/15/2021 09:00	06/15/2021 18:07	PD
124-48-1	Dibromochloromethane	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,PA	06/15/2021 09:00	06/15/2021 18:07	PD
74-95-3	Dibromomethane	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,PADEP,NJE	06/15/2021 09:00	06/15/2021 18:07	PD
75-71-8	Dichlorodifluoromethane	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,PADEP,NJE	06/15/2021 09:00	06/15/2021 18:07	PD
87-68-3	Hexachlorobutadiene	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,PADEP,NJE	06/15/2021 09:00	06/15/2021 18:07	PD
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,PA	06/15/2021 09:00	06/15/2021 18:07	PD
75-09-2	Methylene chloride	ND		ug/L	2.5	10	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,PA	06/15/2021 09:00	06/15/2021 18:07	PD
98-06-6	tert-Butylbenzene	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,PA	06/15/2021 09:00	06/15/2021 18:07	PD
127-18-4	Tetrachloroethylene	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,PA	06/15/2021 09:00	06/15/2021 18:07	PD
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,PA	06/15/2021 09:00	06/15/2021 18:07	PD
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,PA	06/15/2021 09:00	06/15/2021 18:07	PD
79-01-6	Trichloroethylene	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,PA	06/15/2021 09:00	06/15/2021 18:07	PD
75-69-4	Trichlorofluoromethane	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,PA	06/15/2021 09:00	06/15/2021 18:07	PD
75-01-4	Vinyl Chloride	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,PA	06/15/2021 09:00	06/15/2021 18:07	PD

Volatile Organics, tert-Butyl Alcohol

Sample Prepared by Method: EPA 5030B

Log-in Notes:

Sample Notes:

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
75-65-0	tert-Butyl alcohol (TBA)	ND		ug/L	0.50	1.0	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP,NELAC-NY12058,PAE	06/15/2021 09:00	06/15/2021 18:07	PD



Sample Information

Client Sample ID: MW-3D @ 1008

York Sample ID: 21F0536-06

York Project (SDG) No.
21F0536

Client Project ID
Village of Mamaroneck

Matrix
Water

Collection Date/Time
June 10, 2021 10:08 am

Date Received
06/10/2021

Arsenic by EPA 6010

Sample Prepared by Method: EPA 3015A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-38-2	Arsenic	ND		mg/L	0.0167	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/11/2021 09:01	06/16/2021 18:58	EM

Cadmium by EPA 6010

Sample Prepared by Method: EPA 3015A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-43-9	Cadmium	ND		mg/L	0.00333	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/11/2021 09:01	06/16/2021 18:58	EM

Copper by EPA 6010

Sample Prepared by Method: EPA 3015A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-50-8	Copper	ND		mg/L	0.0222	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/11/2021 09:01	06/16/2021 18:58	EM

Lead by EPA 6010

Sample Prepared by Method: EPA 3015A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-92-1	Lead	ND		mg/L	0.00556	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/11/2021 09:01	06/16/2021 18:58	EM

Zinc by EPA 6010

Sample Prepared by Method: EPA 3015A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-66-6	Zinc	ND		mg/L	0.0278	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/11/2021 09:01	06/16/2021 18:58	EM

Mercury by 7470/7471

Sample Prepared by Method: EPA SW846-7470A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	Mercury	ND		mg/L	0.0002	1	EPA 7470 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/15/2021 21:56	06/15/2021 21:56	AA



Sample Information

Client Sample ID: Trip Blank @ LAB

York Sample ID: 21F0536-07

York Project (SDG) No.
21F0536

Client Project ID
Village of Mamaroneck

Matrix
Water

Collection Date/Time
June 10, 2021 11:00 am

Date Received
06/10/2021

Volatile Organics, 8260 List

Sample Prepared by Method: EPA 5030B

Log-in Notes:

Sample Notes:

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,PA	06/15/2021 09:00	06/15/2021 15:27	PD
71-55-6	1,1,1-Trichloroethane	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,PA	06/15/2021 09:00	06/15/2021 15:27	PD
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,PA	06/15/2021 09:00	06/15/2021 15:27	PD
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,PA	06/15/2021 09:00	06/15/2021 15:27	PD
79-00-5	1,1,2-Trichloroethane	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,PA	06/15/2021 09:00	06/15/2021 15:27	PD
75-34-3	1,1-Dichloroethane	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,PA	06/15/2021 09:00	06/15/2021 15:27	PD
75-35-4	1,1-Dichloroethylene	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,PA	06/15/2021 09:00	06/15/2021 15:27	PD
563-58-6	1,1-Dichloropropylene	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP	06/15/2021 09:00	06/15/2021 15:27	PD
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,PADEP,NJDEP	06/15/2021 09:00	06/15/2021 15:27	PD
96-18-4	1,2,3-Trichloropropane	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,PADEP,NJDEP	06/15/2021 09:00	06/15/2021 15:27	PD
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,PADEP,NJDEP	06/15/2021 09:00	06/15/2021 15:27	PD
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,PA	06/15/2021 09:00	06/15/2021 15:27	PD
106-93-4	1,2-Dibromoethane	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,PA	06/15/2021 09:00	06/15/2021 15:27	PD
95-50-1	1,2-Dichlorobenzene	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,PA	06/15/2021 09:00	06/15/2021 15:27	PD
107-06-2	1,2-Dichloroethane	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,PA	06/15/2021 09:00	06/15/2021 15:27	PD
78-87-5	1,2-Dichloropropane	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,PA	06/15/2021 09:00	06/15/2021 15:27	PD
541-73-1	1,3-Dichlorobenzene	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,PA	06/15/2021 09:00	06/15/2021 15:27	PD
142-28-9	1,3-Dichloropropane	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,PADEP,NJDEP	06/15/2021 09:00	06/15/2021 15:27	PD
106-46-7	1,4-Dichlorobenzene	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,PA	06/15/2021 09:00	06/15/2021 15:27	PD
594-20-7	2,2-Dichloropropane	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,PADEP,NJDEP	06/15/2021 09:00	06/15/2021 15:27	PD
95-49-8	2-Chlorotoluene	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,PA	06/15/2021 09:00	06/15/2021 15:27	PD



Sample Information

Client Sample ID: Trip Blank @ LAB

York Sample ID: 21F0536-07

York Project (SDG) No.
21F0536

Client Project ID
Village of Mamaroneck

Matrix
Water

Collection Date/Time
June 10, 2021 11:00 am

Date Received
06/10/2021

Volatile Organics, 8260 List

Sample Prepared by Method: EPA 5030B

Log-in Notes:

Sample Notes:

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
106-43-4	4-Chlorotoluene	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,PA	06/15/2021 09:00	06/15/2021 15:27	PD
108-86-1	Bromobenzene	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,PADEP,NJE	06/15/2021 09:00	06/15/2021 15:27	PD
74-97-5	Bromochloromethane	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,PADEP,NJE	06/15/2021 09:00	06/15/2021 15:27	PD
75-27-4	Bromodichloromethane	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,PA	06/15/2021 09:00	06/15/2021 15:27	PD
75-25-2	Bromoform	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,PA	06/15/2021 09:00	06/15/2021 15:27	PD
74-83-9	Bromomethane	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,PA	06/15/2021 09:00	06/15/2021 15:27	PD
56-23-5	Carbon tetrachloride	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,PA	06/15/2021 09:00	06/15/2021 15:27	PD
108-90-7	Chlorobenzene	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,PA	06/15/2021 09:00	06/15/2021 15:27	PD
75-00-3	Chloroethane	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,PA	06/15/2021 09:00	06/15/2021 15:27	PD
67-66-3	Chloroform	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,PA	06/15/2021 09:00	06/15/2021 15:27	PD
74-87-3	Chloromethane	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,PA	06/15/2021 09:00	06/15/2021 15:27	PD
156-59-2	cis-1,2-Dichloroethylene	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,PA	06/15/2021 09:00	06/15/2021 15:27	PD
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,PA	06/15/2021 09:00	06/15/2021 15:27	PD
124-48-1	Dibromochloromethane	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,PA	06/15/2021 09:00	06/15/2021 15:27	PD
74-95-3	Dibromomethane	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,PADEP,NJE	06/15/2021 09:00	06/15/2021 15:27	PD
75-71-8	Dichlorodifluoromethane	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,PADEP,NJE	06/15/2021 09:00	06/15/2021 15:27	PD
87-68-3	Hexachlorobutadiene	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,PADEP,NJE	06/15/2021 09:00	06/15/2021 15:27	PD
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,PA	06/15/2021 09:00	06/15/2021 15:27	PD
75-09-2	Methylene chloride	ND		ug/L	2.5	10	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,PA	06/15/2021 09:00	06/15/2021 15:27	PD
98-06-6	tert-Butylbenzene	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,PA	06/15/2021 09:00	06/15/2021 15:27	PD
127-18-4	Tetrachloroethylene	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,PA	06/15/2021 09:00	06/15/2021 15:27	PD



Sample Information

Client Sample ID: Trip Blank @ LAB

York Sample ID: 21F0536-07

York Project (SDG) No.
21F0536

Client Project ID
Village of Mamaroneck

Matrix
Water

Collection Date/Time
June 10, 2021 11:00 am

Date Received
06/10/2021

Volatile Organics, 8260 List

Sample Prepared by Method: EPA 5030B

Log-in Notes:

Sample Notes:

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,PA	06/15/2021 09:00	06/15/2021 15:27	PD
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,PA	06/15/2021 09:00	06/15/2021 15:27	PD
79-01-6	Trichloroethylene	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,PA	06/15/2021 09:00	06/15/2021 15:27	PD
75-69-4	Trichlorofluoromethane	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,PA	06/15/2021 09:00	06/15/2021 15:27	PD
75-01-4	Vinyl Chloride	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,PA	06/15/2021 09:00	06/15/2021 15:27	PD

Volatile Organics, tert-Butyl Alcohol

Sample Prepared by Method: EPA 5030B

Log-in Notes:

Sample Notes:

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
75-65-0	tert-Butyl alcohol (TBA)	ND		ug/L	0.50	1.0	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP,NELAC-NY12058,PAE	06/15/2021 09:00	06/15/2021 15:27	PD



Volatile Analysis Sample Containers

Lab ID	Client Sample ID	Volatile Sample Container
21F0536-01	MW-1S @ 840	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C
21F0536-02	MW-1D @ 845	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C
21F0536-03	MW-2S @ 925	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C
21F0536-04	MW-2D @ 930	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C
21F0536-05	MW-3S @ 1003	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C
21F0536-06	MW-3D @ 1008	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C
21F0536-07	Trip Blank @ LAB	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C



Sample and Data Qualifiers Relating to This Work Order

- QL-02 This LCS analyte is outside Laboratory Recovery limits due the analyte behavior using the referenced method. The reference method has certain limitations with respect to analytes of this nature.
- M-SPKM The spike recovery is not within acceptance windows due to sample non-homogeneity, or matrix interference.
- M-CRL The RL check for this element recovered outside of control limits.
- CCV-E The value reported is ESTIMATED. The value is estimated due to its behavior during continuing calibration verification (>20% Difference for average Rf or >20% Drift for quadratic fit).

Definitions and Other Explanations

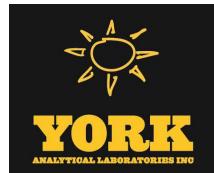
*	Analyte is not certified or the state of the samples origination does not offer certification for the Analyte.
ND	NOT DETECTED - the analyte is not detected at the Reported to level (LOQ/RL or LOD/MDL)
RL	REPORTING LIMIT - the minimum reportable value based upon the lowest point in the analyte calibration curve.
LOQ	LIMIT OF QUANTITATION - the minimum concentration of a target analyte that can be reported within a specified degree of confidence . This is the lowest point in an analyte calibration curve that has been subjected to all steps of the processing/analysis and verified to meet defined criteria. This is based upon NELAC 2009 Standards and applies to all analyses.
LOD	LIMIT OF DETECTION - a verified estimate of the minimum concentration of a substance in a given matrix that an analytical process can reliably detect. This is based upon NELAC 2009 Standards and applies to all analyses conducted under the auspices of EPA SW-846.
MDL	METHOD DETECTION LIMIT - a statistically derived estimate of the minimum amount of a substance an analytical system can reliably detect with a 99% confidence that the concentration of the substance is greater than zero. This is based upon 40 CFR Part 136 Appendix B and applies only to EPA 600 and 200 series methods.
Reported to	This indicates that the data for a particular analysis is reported to either the LOD/MDL, or the LOQ/RL. In cases where the "Reported to" is located above the LOD/MDL, any value between this and the LOQ represents an estimated value which is "J" flagged accordingly. This applies to volatile and semi-volatile target compounds only.
NR	Not reported
RPD	Relative Percent Difference
Wet	The data has been reported on an as-received (wet weight) basis
Low Bias	Low Bias flag indicates that the recovery of the flagged analyte is below the laboratory or regulatory lower control limit. The data user should take note that this analyte may be biased low but should evaluate multiple lines of evidence including the LCS and site-specific MS/MSD data to draw bias conclusions. In cases where no site-specific MS/MSD was requested, only the LCS data can be used to evaluate such bias.
High Bias	High Bias flag indicates that the recovery of the flagged analyte is above the laboratory or regulatory upper control limit. The data user should take note that this analyte may be biased high but should evaluate multiple lines of evidence including the LCS and site-specific MS/MSD data to draw bias conclusions. In cases where no site-specific MS/MSD was requested, only the LCS data can be used to evaluate such bias.
Non-Dir.	Non-dir. flag (Non-Directional Bias) indicates that the Relative Percent Difference (RPD) (a measure of precision) among the MS and MSD data is outside the laboratory or regulatory control limit. This alerts the data user where the MS and MSD are from site-specific samples that the RPD is high due to either non-homogeneous distribution of target analyte between the MS/MSD or indicates poor reproducibility for other reasons.

If EPA SW-846 method 8270 is included herein it is noted that the target compound N-nitrosodiphenylamine (NDPA) decomposes in the gas chromatographic inlet and cannot be separated from diphenylamine (DPA). These results could actually represent 100% DPA, 100% NDPA or some combination of the two. For this reason, York reports the combined result for n-nitrosodiphenylamine and diphenylamine for either of these compounds as a combined concentration as Diphenylamine.

If Total PCBs are detected and the target aroclors reported are "Not detected", the Total PCB value is reported due to the presence of either or both Aroclors 1262 and 1268 which are non-target aroclors for some regulatory lists.

2-chloroethylvinyl ether readily breaks down under acidic conditions. Samples that are acid preserved, including standards will exhibit breakdown. The data user should take note.

Certification for pH is no longer offered by NYDOH ELAP.



Semi-Volatile and Volatile analyses are reported down to the LOD/MDL, with values between the LOD/MDL and the LOQ being "J" flagged as estimated results.

For analyses by EPA SW-846-8270D, the Limit of Quantitation (LOQ) reported for benzidine is based upon the lowest standard used for calibration and is not a verified LOQ due to this compound's propensity for oxidative losses during extraction/concentration procedures and non-reproducible chromatographic performance.

YORK
ANALYTICAL LABORATORIES INC.
120 Research Drive
Stratford, CT 06615
clientservices@yorklab.com
www.yorklab.com

21FO536

Field Chain-of-Custody Record

YORK Project No.

132-02 89th Ave
Queens, NY 11418

NOTE: YORK's Standard Terms & Conditions are listed on the back side of this document.
This document serves as your written authorization for YORK to proceed with the analyses requested below.
Your signature binds you to YORK's Standard Terms & Conditions.

YOUR Information		Report To:	Invoice To:	YOUR Project Number	Turn-Around Time
Company: Zion Environmental LLC	Address: Po Box 162 Ossining, NY 10563	Company: Same	Address: 	RUSH - Next Day RUSH - Two Day	
Phone: 845 649 9346	Phone: 	YOUR Project Name Village of Mamaroneck	Contact: 	RUSH - Three Day RUSH - Four Day	
Contact: Brian Nichols	Contact: 	E-mail: 	E-mail: 	Standard (5-7 Day) <input checked="" type="checkbox"/>	

Please print clearly and legibly. All information must be complete. Samples will not be logged in and the turn-around-time clock will not begin until any questions by YORK are resolved.

Brian Nichols

Samples Collected by: (print your name above and sign below)

Brian Nichols

Matrix Codes	Samples From	Report / EDD Type (circle selections)	YORK Reg. Comp.
S - soil / solid <input checked="" type="radio"/> GW - groundwater	New York <input checked="" type="checkbox"/> New Jersey Connecticut Pennsylvania Other	Summary Report <input checked="" type="checkbox"/> QA Report NY ASP A Package NY ASP B Package	Standard Excel EDD EQuIS (Standard)
DW - drinking water		NJDEP Reduced Deliverables	NYSDEC EQuIS
WW - wastewater		NJDKQP	NJDEP SRP HazSite
O - Oil		Other:	Other:
Sample Identification	Sample Matrix	Analysis Requested	Container Description
MW-15 Q 840	GW	6-10-2021	1 Plastic 43 Vials
MW-1D Q 845	GW	6-10-2021	
MW-2S Q 925	GW	6-10-2021	The samples for each well should be tested for the following parameters:
MW-2D Q 930	GW	6-10-2021	Arsenic, Cadmium, Copper, Lead, Zinc by EPA Method SW846-6010B
MW-3S Q 1003	GW	6-10-2021	Mercury by 7470/7471 / by EPA Method SW846-7470
MW-3D Q 1008	GW	6-10-2021	
Trip Blank @ LAB	LAB	6-10-2021	Volatile Organics, 8260 (custom list) w/TBA (MTBE, Tert-Butyl Alcohol and Tert-Butylbenzene)

Comments:

Preservation: (check all that apply)

HCl	MeOH	HNO ₃	H ₂ SO ₄	NaOH	ZnAc	Field Filtered	Lab to Filter
Ascorbic Acid	Other:					Date/Time	Date/Time
Samples Relinquished by / Company	Date/Time	Samples Received by / Company	Date/Time	Samples Relinquished by / Company	Date/Time		
Brian Nichols / zin	6-10-2021	Chic	6-10-2021	Chic	6-10-2021		
Received by / Company	Date/Time	Samples Received by / Company	Date/Time	Samples Received by / Company	Date/Time		
Relinquished by / Company	Date/Time	Samples Received by / Company	Date/Time	Samples Received by / Company	Date/Time		

Attachment 3

Table 4

Table - 4

Gas Vent and Bar Hole Monitoring Data

ATTACHMENT 3
Table 4
Gas Vent & Bar Hole Monitoring Data
Village of Mamaroneck
Taylor's Lane Compost Site
June 10, 2021

GAS VENT MONITORING						
Gas Vent (GV) #	PID	CH4	CO2	O2	Balance	Remarks
	(ppm)	(%)	(%)	(%)	(%)	
1	0.0	0.0	8.9	18.4	72.7	
2	0.0	0.0	8.1	17.9	74.0	
3	0.0	0.0	5.1	17.5	77.4	
4	0.0	1.2	16.8	13.4	68.6	
5	0.0	6.2	20.5	8.3	65.0	
6	0.0	0.0	7.1	18.2	74.7	
7	0.0	0.0	4.0	18.3	77.7	Bees nest
8	0.0	0.0	4.9	18.2	76.9	

BAR HOLE MONITORING						
Bar Hole (BH) #	PID	CH4	CO2	O2	Balance	Remarks
	(ppm)	(%)	(%)	(%)	(%)	
1	0.0	0.0	4.1	17.5	78.4	
2	0.0	0.0	3.9	16.7	79.4	
3	0.0	0.0	3.7	16.4	79.9	
4	0.0	0.0	2.8	16.3	80.9	
5	0.0	0.0	3.4	17.1	79.5	
6	0.0	0.0	3.6	17.6	79.4	
7	0.0	0.0	3.9	17.0	79.1	
8	0.0	0.0	2.8	16.5	80.7	
9	0.0	0.0	3.4	16.7	79.9	
10	0.0	0.0	2.7	16.8	80.5	
11	0.0	0.0	2.5	16.4	81.5	
12	0.0	0.0	2.6	17.8	79.6	
13	0.0	0.0	3.2	17.1	79.7	

Note: See drawing entitled "Drawing No. 1 - Site Map with Shallow Groundwater Flow Contours" for monitoring locations.
Equipment used: GEM 500 and MiniRae PID



Attachment 4

Field Data Sheet

TAYLOR LANE, MAMARONECK - FIELD DATA - 06/10/2021

Groundwater Sampling Data

MW #	Well Survey Elevation	Well Size	Metal or PVC	TPVC (in ft) (Top of PVC)	TOC (in ft) (Top of Casing)	BPVC (in ft) (Bottom of PVC)	BOC (in ft) (Bottom of Casing)	ELEVATION
1S	18.28	2"	PVC	2.65	2.93	19.17	19.44	15.35
1D	18.99	2"	PVC	3.30	3.59	65.52	65.78	15.40
2S	16.71	2"	PVC	1.95	2.26	16.30	16.65	14.45
2D	17.05	2"	PVC	1.68	1.85	68.06	68.34	15.20
3S	13.35	2"	PVC	2.90	3.21	21.08	21.41	10.14
3D	13.25	2"	PVC	3.19	3.45	31.31	31.52	9.80

Water Quality Parameters

MW #	Sampling Time	Gallons Purged	pH (SU)	Conductivity (mS/cm2)	Temp. (oC)	ORP (mv)	Turbidity (NTU)
1S	8:40	8	8.70	1020	18.4	-141.9	98.1
1D	8:45	10	9.19	908	20.1	-167.6	28.5
2S	9:25	7	8.58	1160	18.6	-135.2	71.9
2D	9:30	10	9.14	857	18.8	-164.9	11.7
3S	10:03	9	7.73	1459	19.0	-90.8	16.7
3D	10:08	10	8.13	1448	19.2	-108.5	2.88

Well Notes For Sampling

1S	Slightly cloudy, brown tint, odors
1D	Slightly cloudy, no odors
2S	Clear, some small black particles, no odor **Bottom of protective casing rotted out**
2D	Clear, no odors **Bottom of protective casing rotted out**
3S	Clear, small orange particles, no odors
3D	Clear, no odors

Water Levels and Elevations

ID	Elevation	Size	Type	TPVC	TOC	BPVC	BOC	ELEVATION
14D	18.78	2"	Metal	2.16	2.55	79.05	79.45	16.23
14S	18.39	2"	Metal	3.20	3.13	15.30	15.24	15.26
14M	18.67	2"	Metal	3.53	3.53	30.05	30.22	15.14
15D	17.23	2"	Metal	3.18	3.76	38.25	38.83	13.47
4D	18.5	2"	PVC	2.38	3.15	16.87	17.84	15.35
4S	17.66	2"	PVC	1.73	2.08	12.47	12.73	15.58
4M	20.53		Metal	4.30	3.53	18.49	19.27	17.00
9D	32.85	4"	Metal	12.24	13.00	69.41	70.18	19.85
9S	32.61	2"	Metal	11.27	11.43	18.49	18.69	21.18
#2-PZ-A	19.04	2"	PVC	NA	NA	14.63	14.81	NA
#1-PZ-B	17.22	2"	PVC	3.11	3.29	14.63	14.81	13.93
#3-PZ-C	19.33	2"	PVC	4.31	4.41	15.27	15.42	14.92
PZ-D	17.49	2"	PVC	Damaged	Damaged	7.18	7.20	NA
LEACH	17.03	14"	Metal	NO PVC	5.78	NA	16.55	11.25
MW-6	14.97	6"	PVC	PVC Cap Stuck	N/A			NA

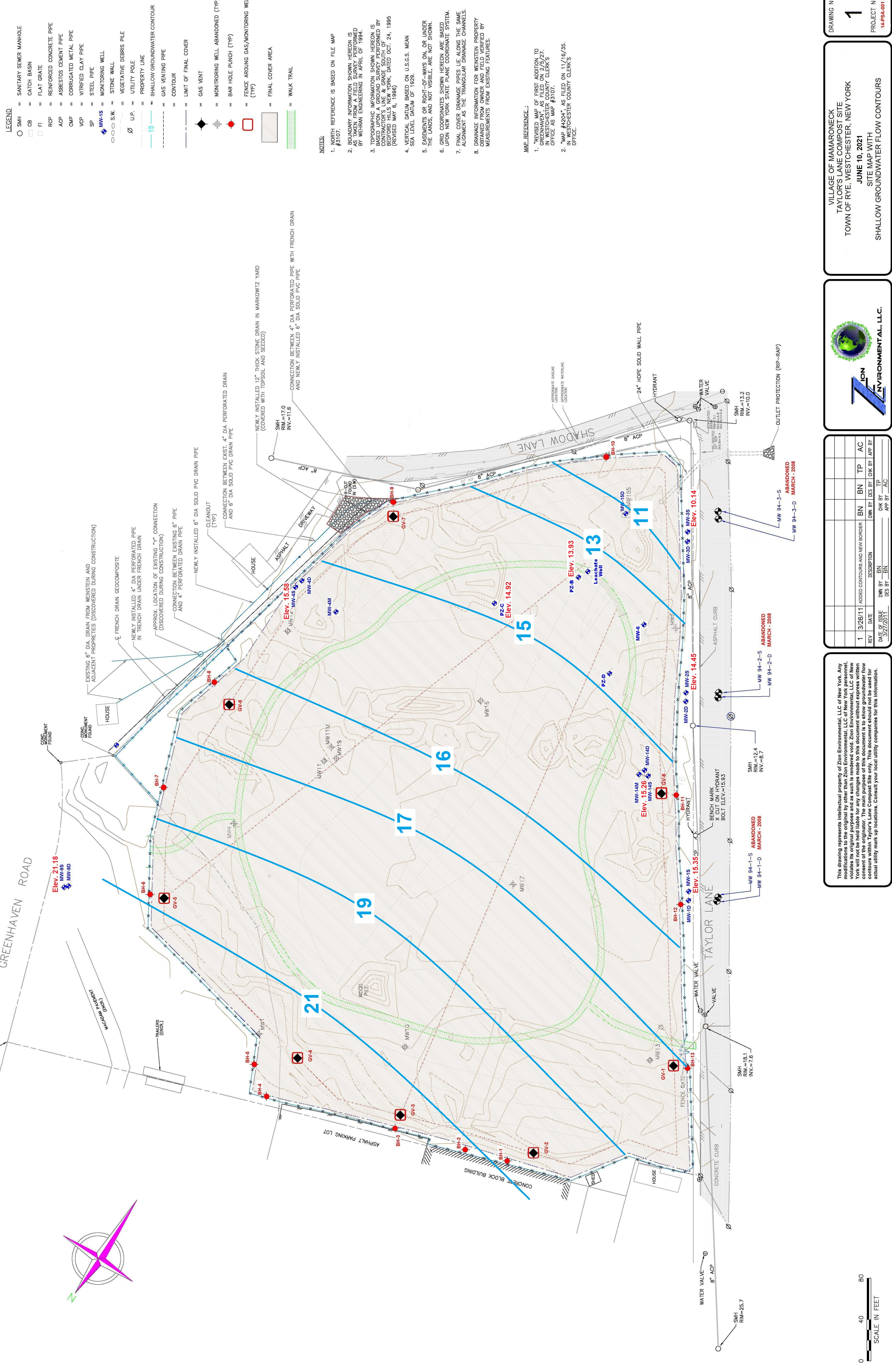
Notes: N/F : Not found due to high grass or deep snow.

N/S : No sample due to dry well or frozen well from extreme cold temps.

*PVC 0.07 ABOVE TOC

Attachment 5

Drawing No. 1



DRAWING NO. 1
PROJECT NO. 14-PFA-001

VILLAGE OF MAMARONECK
TAYLOR LANE COMPOST SITE
TOWN OF RYE, WESTCHESTER, NEW YORK
JUNE 10, 2021
SITE MAP WITH
SHALLOW GROUNDWATER FLOW CONTOURS



REV	DATE	DESIGNATION	BN	TP	AC
1	3/26/11	ADDED CONTOURS AND NEW BORDER	BN	TP	AC

This drawing represents intellectual property of Zion Environmental LLC of New York. Any modification to the original by other than Zion Environmental LLC of New York personnel violates its original purpose and as such is rendered void. Zion Environmental LLC of New York will not be held liable for any changes made to this document without express written consent of the originator. The main purpose of this document is to show groundwater flow contours within Taylor's Lane Compost Site only. This document should not be used for actual utility mark up locations. Consult your local utility companies for this information.

SCALE IN FEET
0 40 80