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ZION ENVIRONMENTAL, LLC.

"QUALITY SERVICE AT AN HONEST PRICE"

March 01, 2019
Project No. 14-PSA-002

Mr. Edward Moore, Project Manager
NYS DEC, Region 3
21 South Putt Corners Road
New Paltz, NY 12561.

Re: February 2019 Semi-Annual Monitoring Results
Taylor's Lane Compost Site, Mamaroneck, New York
NYSDEC Site Number 360021

Dear Mr. Moore:

Zion Environmental, LLC (Zion) personnel conducted the Semi-Annual Groundwater Sampling Event at the Taylor's Lane Compost Site in Mamaroneck, New York on February 5, 2019. 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 February 5, 2019. 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 metal 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 monitoring well locations and the groundwater contour map is provided in Attachment 5.

Landfill Gas Vent and Bar Hole Monitoring

Landfill gas vent monitoring was performed on February 5, 2019. 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

A review of the February 5, 2019 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 95.2 ug/l and MW-2S at 57.4 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.

Methyl tert-butyl ether (MTBE) was detected at a concentration below the NYSDEC Part 703 groundwater guidance values of 10 ug/l at well MW-2S at a concentration of 2.8 ug/l and was reported with a J flag (Detected below the Reporting Limit but greater than or equal to the Method Detection Limit; therefore, the result is an estimated concentration).

Tert-butyl alcohol was detected at a concentration below the NYSDEC Part 703 groundwater guidance values of 20 ug/l in wells MW-2S at a concentration of 17 ug/L and MW-1S at a concentration of 1.2 ug/l. The result from MW-1S was reported with a J flag (Detected below the Reporting Limit but greater than or equal to the Method Detection Limit; therefore, the result is an estimated concentration) and SCAL-E flag (The value reported is ESTIMATED due to its behavior during initial calibration).

Tert-butyl benzene was detected at a concentration below the NYSDEC Part 703 groundwater guidance values of 5 ug/l at well MW-1S at a concentration of 2.6 ug/l. The result was reported with a J flag (Detected below the Reporting Limit but greater than or equal to the Method Detection Limit; therefore, the result is an estimated concentration).

MTBE, Tert-butyl alcohol, and Tert-butyl benzene are components of petroleum products and their detection may be attributable to the upgradient gas station at the corner of Boston Post Road and Taylor Lane.

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.

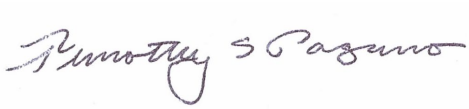
Gas Vent and Bar Hole Monitoring Results

As shown in the photoionization detector (PID) readings, volatile organic vapors were not detected (non-detect) in any of the gas vents or perimeter bar hole monitoring locations during the February 5, 2019 sampling event. Methane was detected at GV-4 at a concentration of 0.7% methane gas and GV-5 at a concentration of 3.6% methane gas.

Gas vent and bar hole locations are depicted on Drawing 1. Results for the February 2019 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 us at 845-649-9346.

Sincerely,



Brian Nichols,
Vice President - CPM

Timothy S. Pagano, CPG
Senior Hydrogeologist

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. Dan Sarnoff, Village Manager, Village of Mamaroneck
cc: Mr. Hugh J. Greechan, P.E., Village of Mamaroneck Engineer

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	5/22/1997	3.7 J	4.9 J	4.4 J	7.9 J	7.1 J	7.2 J
(µg/L)	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	11/5/1998	24.5	**34.2**	21.4	13.4	2.2 U	2.2 U
25.0 µg/L	5/25/1999	6.8 U	6.8 U	6.8 U	6.8 U	6.8 U	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	10 U	10 U	10 U	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	10 U	10 U	10 U	10 U	10 U
	6/26/2002	10 U	10 U	10 U	10 U	10 U	10 U
	11/19/2002	10 U	10 U	10 U	10 U	10 U	10 U
	6/24/2003	10 U	10 U	10 U	10 U	10 U	10 U
	11/17/2003	10 U	10 U	10 U	10 U	10 U	10 U
	6/21/2004	10 U	10 U	10 U	10 U	10 U	10 U
	11/22/2004	10 U	10 U	10 U	10 U	10 U	10 U
	6/22/2005	10 U	10 U	10 U	10 U	10 U	10 U
	11/22/2005	10 U	10 U	10 U	10 U	10 U	10 U
	7/5/2006	10 U	10 U	10 U	10 U	10 U	10 U
	11/27/2006	10 U	10 U	10 U	10 U	22.6	10 U
	6/27/2007	10 U	10 U	10 U	10 U	10 U	21.9
	1/9/2008	10 U	10 U	10 U	10 U	10 U	10 U
	7/23/2008	19.9	10 U	10 U	10 U	11.6	10 U
	2/20/2009	12	10 U	10 U	10 U	10 U	10 U
	8/27/2009	10 U	10 U	10 U	10 U	10 U	10 U
	2/25/2010	16	10 U	10 U	10 U	11	10 U
	8/26/2010	10 U	10 U	10 U	10 U	10 U	10 U
	2/23/2011	10 U	10 U	10 U	10 U	10 U	10 U
	8/2/2011	19.8	10 U	10 U	10 U	10 U	10 U
	2/20/2012	10 U	10 U	10 U	10 U	10 U	10 U
	8/30/2012	10 U	10 U	10 U	10 U	10 U	10 U
	2/19/2013	10 U	10 U	10 U	10 U	10 U	10 U
	8/14/2013	10 U	10 U	10 U	10 U	10 U	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

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Village of Mamaroneck

Analytical Parameter	Sampling Date	MW-1S	MW-1D	MW-2S	MW-2D	MW-3S	MW-3D
Cadmium	5/22/1997	0.3 U	0.3 U	0.3 U	0.3 U	0.3 U	0.3 U
(µg/L)	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	11/5/1998	1.1 J	0.75 U	0.87 J	1.2 J	4.2 J	0.75 U
5.0 µg/L	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

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Copper	5/22/1997	5.7 J	3.6 J	19.9 J	1.7 U	18.8 J	14.5 J
(µg/L)	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	11/5/1998	8.3 J	16.6 J	13.9 J	77.4	15.5 J	85.8
200.0 µg/L	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	20 U	20 U	20 U	20 U	20 U
	11/17/2003	20 U	20 U	20 U	20 U	20 U	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	20 U	20 U	20 U	20 U	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	20 U	20 U	20 U	20 U	106
	1/9/2008	51.8	37.5	20 U	20 U	74.5	20 U
	7/23/2008	20 U	20 U	20 U	20 U	20 U	20 U
	2/20/2009	20 U	20 U	20 U	20 U	20 U	20 U
	8/27/2009	20 U	20 U	20 U	20 U	20 U	20 U
	2/25/2010	20 U	20 U	20 U	20 U	20 U	20 U
	8/26/2010	20 U	20 U	20 U	20 U	20 U	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

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Table 1
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Taylor's Lane Compost Site
Village of Mamaroneck

Analytical Parameter	Sampling Date	MW-1S	MW-1D	MW-2S	MW-2D	MW-3S	MW-3D
Lead	5/22/1997	1.1 U	1.1 U	4.4	1.1 U	12.7	21.2
(µg/L)	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	11/5/1998	1.8 U	1.8 U	1.8 U	1.8 U	6.1	23.5
25.0 µg/L	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

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Taylor's Lane Compost Site
Village of Mamaroneck

Analytical Parameter	Sampling Date	MW-1S	MW-1D	MW-2S	MW-2D	MW-3S	MW-3D
Mercury	5/22/1997	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
(µg/L)	11/14/1997	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U
	5/19/1998	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U
GW Standard	11/5/1998	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U
0.7 µg/L	5/25/1999	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	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	0.03 U	0.03 U	0.03 U	0.03 U	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	0.3 U	0.3 U	0.3 U	0.3 U	0.3 U
	6/26/2002	0.3 U	0.3 U	0.3 U	0.3 U	0.3 U	0.3 U
	11/19/2002	0.3 U	0.3 U	0.3 U	0.3 U	0.3 U	0.3 U
	6/24/2003	0.3 U	0.3 U	0.3 U	0.3 U	0.3 U	0.3 U
	11/17/2003	0.3 U	0.3 U	0.3 U	0.3 U	0.3 U	0.3 U
	6/21/2004	0.3 U	0.3 U	0.3 U	0.3 U	0.3 U	0.3 U
	11/22/2004	0.3 U	0.3 U	0.3 U	0.3 U	0.3 U	0.3 U
	6/22/2005	0.3 U	0.3 U	0.3 U	0.3 U	0.3 U	0.3 U
	11/22/2005	0.3 U	0.3 U	0.3 U	0.3 U	0.3 U	0.3 U
	7/5/2006	0.3 U	0.3 U	0.3 U	0.3 U	0.3 U	0.3 U
	11/27/2006	0.3 U	0.3 U	0.3 U	0.3 U	0.3 U	0.3 U
	6/27/2007	0.3 U	0.3 U	0.3 U	0.3 U	0.3 U	0.3 U
	1/9/2008	0.3 U	0.3 U	0.3 U	0.3 U	0.3 U	0.3 U
	7/23/2008	0.3 U	0.3 U	0.3 U	0.3 U	0.3 U	0.3 U
	2/20/2009	0.3 U	0.3 U	0.3 U	0.3 U	0.3 U	0.3 U
	8/27/2009	0.3 U	0.3 U	0.3 U	0.3 U	0.3 U	0.3 U
	2/25/2010	0.3 U	0.3 U	0.3 U	0.3 U	0.3 U	0.3 U
	8/26/2010	0.3 U	0.3 U	0.3 U	0.3 U	0.3 U	0.3 U
	2/23/2011	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	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	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
	8/30/2012	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
	2/19/2013	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
	8/14/2013	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
	2/26/2014	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
	10/2/2014	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
	2/24/2015	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
	8/6/2015	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
	3/9/2016	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
	8/12/2016	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
	2/1/2017	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
	8/17/2017	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
	2/15/2018	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
	8/2/2018	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
	2/5/2019	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	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).

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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	5/22/1997	20	17.2 J	31.3	12.6 J	83.7	931
(µg/L)	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	11/5/1998	13.9 J	27.9	23.3	51.4	29.9	659
2,000 µg/L	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

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

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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-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
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

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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

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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

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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
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

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 - methy tert-butyl ether.
1,1,1-TCA - 1,1,1-trichloroethane.
N/A - Results not avaliable during this analysis.

Table - 3

Summary of Field Parameters

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-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

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 (µS)
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

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 (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

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 (µS)
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

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 (µS)
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

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 (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

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: 02/14/2019
Client Project ID: Village of Mamaroneck
York Project (SDG) No.: 19B0192

Report Date: 02/14/2019
Client Project ID: Village of Mamaroneck
York Project (SDG) No.: 19B0192

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 February 06, 2019 with a temperature of 1.8 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
19B0192-01	MW-1S @ 1105	Water	02/05/2019	02/06/2019
19B0192-02	MW-1D @ 1110	Water	02/05/2019	02/06/2019
19B0192-03	MW-2S @ 1020	Water	02/05/2019	02/06/2019
19B0192-04	MW-2D @ 1023	Water	02/05/2019	02/06/2019
19B0192-05	MW-3S @ 932	Water	02/05/2019	02/06/2019
19B0192-06	MW-3D @ 935	Water	02/05/2019	02/06/2019
19B0192-07	TB-01	Water	02/05/2019	02/06/2019

General Notes for York Project (SDG) No.: 19B0192

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: 02/14/2019

Benjamin Gulizia
Laboratory Director

Sample Information

Client Sample ID: MW-1S @ 1105 **York Sample ID:** 19B0192-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
19B0192	Village of Mamaroneck	Water	February 5, 2019 11:05 am	02/06/2019

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	02/13/2019 07:30	02/13/2019 13:40	SS
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,NELAC-NY1		
71-55-6	1,1,1-Trichloroethane	ND		ug/L	2.5	5.0	1	EPA 8260C	02/13/2019 07:30	02/13/2019 13:40	SS
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,NELAC-NY1		
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	2.5	5.0	1	EPA 8260C	02/13/2019 07:30	02/13/2019 13:40	SS
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,NELAC-NY1		
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/L	2.5	5.0	1	EPA 8260C	02/13/2019 07:30	02/13/2019 13:40	SS
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,NELAC-NY1		
79-00-5	1,1,2-Trichloroethane	ND		ug/L	2.5	5.0	1	EPA 8260C	02/13/2019 07:30	02/13/2019 13:40	SS
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,NELAC-NY1		
75-34-3	1,1-Dichloroethane	ND		ug/L	2.5	5.0	1	EPA 8260C	02/13/2019 07:30	02/13/2019 13:40	SS
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,NELAC-NY1		
75-35-4	1,1-Dichloroethylene	ND		ug/L	2.5	5.0	1	EPA 8260C	02/13/2019 07:30	02/13/2019 13:40	SS
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,NELAC-NY1		
563-58-6	1,1-Dichloropropylene	ND		ug/L	2.5	5.0	1	EPA 8260C	02/13/2019 07:30	02/13/2019 13:40	SS
								Certifications:	NELAC-NY10854,NJDEP,NELAC-NY12058		
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	2.5	5.0	1	EPA 8260C	02/13/2019 07:30	02/13/2019 13:40	SS
								Certifications:	NELAC-NY10854,NJDEP,NELAC-NY12058,PAI		
96-18-4	1,2,3-Trichloropropane	ND		ug/L	2.5	5.0	1	EPA 8260C	02/13/2019 07:30	02/13/2019 13:40	SS
								Certifications:	NELAC-NY10854,NJDEP,NELAC-NY12058,PAI		
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	2.5	5.0	1	EPA 8260C	02/13/2019 07:30	02/13/2019 13:40	SS
								Certifications:	NELAC-NY10854,NJDEP,NELAC-NY12058,PAI		
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	2.5	5.0	1	EPA 8260C	02/13/2019 07:30	02/13/2019 13:40	SS
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,NELAC-NY1		
106-93-4	1,2-Dibromoethane	ND		ug/L	2.5	5.0	1	EPA 8260C	02/13/2019 07:30	02/13/2019 13:40	SS
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,NELAC-NY1		
95-50-1	1,2-Dichlorobenzene	ND		ug/L	2.5	5.0	1	EPA 8260C	02/13/2019 07:30	02/13/2019 13:40	SS
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,NELAC-NY1		
107-06-2	1,2-Dichloroethane	ND		ug/L	2.5	5.0	1	EPA 8260C	02/13/2019 07:30	02/13/2019 13:40	SS
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,NELAC-NY1		
78-87-5	1,2-Dichloropropane	ND		ug/L	2.5	5.0	1	EPA 8260C	02/13/2019 07:30	02/13/2019 13:40	SS
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,NELAC-NY1		
541-73-1	1,3-Dichlorobenzene	ND		ug/L	2.5	5.0	1	EPA 8260C	02/13/2019 07:30	02/13/2019 13:40	SS
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,NELAC-NY1		
142-28-9	1,3-Dichloropropane	ND		ug/L	2.5	5.0	1	EPA 8260C	02/13/2019 07:30	02/13/2019 13:40	SS
								Certifications:	NELAC-NY10854,NJDEP,NELAC-NY12058,PAI		
106-46-7	1,4-Dichlorobenzene	ND		ug/L	2.5	5.0	1	EPA 8260C	02/13/2019 07:30	02/13/2019 13:40	SS
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,NELAC-NY1		
594-20-7	2,2-Dichloropropane	ND		ug/L	2.5	5.0	1	EPA 8260C	02/13/2019 07:30	02/13/2019 13:40	SS
								Certifications:	NELAC-NY10854,NJDEP,NELAC-NY12058,PAI		

Sample Information

Client Sample ID: MW-1S @ 1105 **York Sample ID:** 19B0192-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
19B0192	Village of Mamaroneck	Water	February 5, 2019 11:05 am	02/06/2019

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
95-49-8	2-Chlorotoluene	ND		ug/L	2.5	5.0	1	EPA 8260C	02/13/2019 07:30	02/13/2019 13:40	SS
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,NELAC-NY1		
106-43-4	4-Chlorotoluene	ND		ug/L	2.5	5.0	1	EPA 8260C	02/13/2019 07:30	02/13/2019 13:40	SS
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,NELAC-NY1		
108-86-1	Bromobenzene	ND		ug/L	2.5	5.0	1	EPA 8260C	02/13/2019 07:30	02/13/2019 13:40	SS
								Certifications:	NELAC-NY10854,NJDEP,NELAC-NY12058,PAI		
74-97-5	Bromochloromethane	ND		ug/L	2.5	5.0	1	EPA 8260C	02/13/2019 07:30	02/13/2019 13:40	SS
								Certifications:	NELAC-NY10854,NJDEP,NELAC-NY12058,PAI		
75-27-4	Bromodichloromethane	ND		ug/L	2.5	5.0	1	EPA 8260C	02/13/2019 07:30	02/13/2019 13:40	SS
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,NELAC-NY1		
75-25-2	Bromoform	ND		ug/L	2.5	5.0	1	EPA 8260C	02/13/2019 07:30	02/13/2019 13:40	SS
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,NELAC-NY1		
74-83-9	Bromomethane	ND		ug/L	2.5	5.0	1	EPA 8260C	02/13/2019 07:30	02/13/2019 13:40	SS
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,NELAC-NY1		
56-23-5	Carbon tetrachloride	ND		ug/L	2.5	5.0	1	EPA 8260C	02/13/2019 07:30	02/13/2019 13:40	SS
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,NELAC-NY1		
108-90-7	Chlorobenzene	ND		ug/L	2.5	5.0	1	EPA 8260C	02/13/2019 07:30	02/13/2019 13:40	SS
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,NELAC-NY1		
75-00-3	Chloroethane	ND		ug/L	2.5	5.0	1	EPA 8260C	02/13/2019 07:30	02/13/2019 13:40	SS
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,NELAC-NY1		
67-66-3	Chloroform	ND		ug/L	2.5	5.0	1	EPA 8260C	02/13/2019 07:30	02/13/2019 13:40	SS
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,NELAC-NY1		
74-87-3	Chloromethane	ND		ug/L	2.5	5.0	1	EPA 8260C	02/13/2019 07:30	02/13/2019 13:40	SS
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,NELAC-NY1		
156-59-2	cis-1,2-Dichloroethylene	ND		ug/L	2.5	5.0	1	EPA 8260C	02/13/2019 07:30	02/13/2019 13:40	SS
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,NELAC-NY1		
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	2.5	5.0	1	EPA 8260C	02/13/2019 07:30	02/13/2019 13:40	SS
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,NELAC-NY1		
124-48-1	Dibromochloromethane	ND		ug/L	2.5	5.0	1	EPA 8260C	02/13/2019 07:30	02/13/2019 13:40	SS
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,NELAC-NY1		
74-95-3	Dibromomethane	ND		ug/L	2.5	5.0	1	EPA 8260C	02/13/2019 07:30	02/13/2019 13:40	SS
								Certifications:	NELAC-NY10854,NJDEP,NELAC-NY12058,PAI		
75-71-8	Dichlorodifluoromethane	ND		ug/L	2.5	5.0	1	EPA 8260C	02/13/2019 07:30	02/13/2019 13:40	SS
								Certifications:	NELAC-NY10854,NJDEP,NELAC-NY12058,PAI		
87-68-3	Hexachlorobutadiene	ND		ug/L	2.5	5.0	1	EPA 8260C	02/13/2019 07:30	02/13/2019 13:40	SS
								Certifications:	NELAC-NY10854,NJDEP,NELAC-NY12058,PAI		
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	2.5	5.0	1	EPA 8260C	02/13/2019 07:30	02/13/2019 13:40	SS
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,NELAC-NY1		
75-09-2	Methylene chloride	ND		ug/L	2.5	10	1	EPA 8260C	02/13/2019 07:30	02/13/2019 13:40	SS
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,NELAC-NY1		
98-06-6	**tert-Butylbenzene**	**2.6**	J	ug/L	2.5	5.0	1	EPA 8260C	02/13/2019 07:30	02/13/2019 13:40	SS
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,NELAC-NY1		

Sample Information

Client Sample ID: MW-1S @ 1105 **York Sample ID:** 19B0192-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
19B0192	Village of Mamaroneck	Water	February 5, 2019 11:05 am	02/06/2019

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
127-18-4	Tetrachloroethylene	ND		ug/L	2.5	5.0	1	EPA 8260C	02/13/2019 07:30	02/13/2019 13:40	SS
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,NELAC-NY1		
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	2.5	5.0	1	EPA 8260C	02/13/2019 07:30	02/13/2019 13:40	SS
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,NELAC-NY1		
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	2.5	5.0	1	EPA 8260C	02/13/2019 07:30	02/13/2019 13:40	SS
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,NELAC-NY1		
79-01-6	Trichloroethylene	ND		ug/L	2.5	5.0	1	EPA 8260C	02/13/2019 07:30	02/13/2019 13:40	SS
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,NELAC-NY1		
75-69-4	Trichlorofluoromethane	ND		ug/L	2.5	5.0	1	EPA 8260C	02/13/2019 07:30	02/13/2019 13:40	SS
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,NELAC-NY1		
75-01-4	Vinyl Chloride	ND		ug/L	2.5	5.0	1	EPA 8260C	02/13/2019 07:30	02/13/2019 13:40	SS
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,NELAC-NY1		

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: SURR: 1,2-Dichloroethane-d4*	*108 %*	*69-130*
2037-26-5	*Surrogate: SURR: Toluene-d8*	*110 %*	*81-117*
460-00-4	*Surrogate: SURR: p-Bromofluorobenzene*	*121 %*	*79-122*

Volatile Organics, tert-Butyl Alcohol

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
75-65-0	**tert-Butyl alcohol (TBA)**	**1.2**	SCAL-E, J	ug/L	0.50	2.5	1	EPA 8260C	02/13/2019 07:30	02/13/2019 13:40	SS
								Certifications:	NELAC-NY10854,NJDEP,NELAC-NY12058,PAI		

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: SURR: 1,2-Dichloroethane-d4*	*108 %*	*69-130*
460-00-4	*Surrogate: SURR: p-Bromofluorobenzene*	*121 %*	*79-122*
2037-26-5	*Surrogate: SURR: Toluene-d8*	*110 %*	*81-117*

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**	**0.0226**		mg/L	0.0167	1	EPA 6010D	02/11/2019 14:41	02/13/2019 21:08	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

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

Sample Information

Client Sample ID: MW-1S @ 1105 **York Sample ID:** 19B0192-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
19B0192	Village of Mamaroneck	Water	February 5, 2019 11:05 am	02/06/2019

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	02/11/2019 14:41	02/13/2019 21:08	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

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**	**0.0385**		mg/L	0.0222	1	EPA 6010D	02/11/2019 14:41	02/13/2019 21:08	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

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**	**0.0952**		mg/L	0.00556	1	EPA 6010D	02/11/2019 14:41	02/13/2019 21:08	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

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**	**0.184**		mg/L	0.0278	1	EPA 6010D	02/11/2019 14:41	02/13/2019 21:08	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

Mercury by 7473

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 7473 water

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	0.00020	1	EPA 7473	02/08/2019 12:07	02/08/2019 18:55	SY
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

Sample Information

Client Sample ID: MW-1D @ 1110 **York Sample ID:** 19B0192-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
19B0192	Village of Mamaroneck	Water	February 5, 2019 11:10 am	02/06/2019

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

Sample Information

Client Sample ID: MW-1D @ 1110 **York Sample ID:** 19B0192-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
19B0192	Village of Mamaroneck	Water	February 5, 2019 11:10 am	02/06/2019

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	02/12/2019 07:30	02/12/2019 18:39	RDS
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,NELAC-NY1		
71-55-6	1,1,1-Trichloroethane	ND		ug/L	2.5	5.0	1	EPA 8260C	02/12/2019 07:30	02/12/2019 18:39	RDS
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,NELAC-NY1		
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	2.5	5.0	1	EPA 8260C	02/12/2019 07:30	02/12/2019 18:39	RDS
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,NELAC-NY1		
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/L	2.5	5.0	1	EPA 8260C	02/12/2019 07:30	02/12/2019 18:39	RDS
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,NELAC-NY1		
79-00-5	1,1,2-Trichloroethane	ND		ug/L	2.5	5.0	1	EPA 8260C	02/12/2019 07:30	02/12/2019 18:39	RDS
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,NELAC-NY1		
75-34-3	1,1-Dichloroethane	ND		ug/L	2.5	5.0	1	EPA 8260C	02/12/2019 07:30	02/12/2019 18:39	RDS
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,NELAC-NY1		
75-35-4	1,1-Dichloroethylene	ND		ug/L	2.5	5.0	1	EPA 8260C	02/12/2019 07:30	02/12/2019 18:39	RDS
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,NELAC-NY1		
563-58-6	1,1-Dichloropropylene	ND		ug/L	2.5	5.0	1	EPA 8260C	02/12/2019 07:30	02/12/2019 18:39	RDS
								Certifications:	NELAC-NY10854,NJDEP,NELAC-NY12058		
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	2.5	5.0	1	EPA 8260C	02/12/2019 07:30	02/12/2019 18:39	RDS
								Certifications:	NELAC-NY10854,NJDEP,NELAC-NY12058,PAI		
96-18-4	1,2,3-Trichloropropane	ND		ug/L	2.5	5.0	1	EPA 8260C	02/12/2019 07:30	02/12/2019 18:39	RDS
								Certifications:	NELAC-NY10854,NJDEP,NELAC-NY12058,PAI		
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	2.5	5.0	1	EPA 8260C	02/12/2019 07:30	02/12/2019 18:39	RDS
								Certifications:	NELAC-NY10854,NJDEP,NELAC-NY12058,PAI		
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	2.5	5.0	1	EPA 8260C	02/12/2019 07:30	02/12/2019 18:39	RDS
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,NELAC-NY1		
106-93-4	1,2-Dibromoethane	ND		ug/L	2.5	5.0	1	EPA 8260C	02/12/2019 07:30	02/12/2019 18:39	RDS
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,NELAC-NY1		
95-50-1	1,2-Dichlorobenzene	ND		ug/L	2.5	5.0	1	EPA 8260C	02/12/2019 07:30	02/12/2019 18:39	RDS
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,NELAC-NY1		
107-06-2	1,2-Dichloroethane	ND		ug/L	2.5	5.0	1	EPA 8260C	02/12/2019 07:30	02/12/2019 18:39	RDS
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,NELAC-NY1		
78-87-5	1,2-Dichloropropane	ND		ug/L	2.5	5.0	1	EPA 8260C	02/12/2019 07:30	02/12/2019 18:39	RDS
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,NELAC-NY1		
541-73-1	1,3-Dichlorobenzene	ND		ug/L	2.5	5.0	1	EPA 8260C	02/12/2019 07:30	02/12/2019 18:39	RDS
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,NELAC-NY1		
142-28-9	1,3-Dichloropropane	ND		ug/L	2.5	5.0	1	EPA 8260C	02/12/2019 07:30	02/12/2019 18:39	RDS
								Certifications:	NELAC-NY10854,NJDEP,NELAC-NY12058,PAI		
106-46-7	1,4-Dichlorobenzene	ND		ug/L	2.5	5.0	1	EPA 8260C	02/12/2019 07:30	02/12/2019 18:39	RDS
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,NELAC-NY1		
594-20-7	2,2-Dichloropropane	ND		ug/L	2.5	5.0	1	EPA 8260C	02/12/2019 07:30	02/12/2019 18:39	RDS
								Certifications:	NELAC-NY10854,NJDEP,NELAC-NY12058,PAI		
95-49-8	2-Chlorotoluene	ND		ug/L	2.5	5.0	1	EPA 8260C	02/12/2019 07:30	02/12/2019 18:39	RDS
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,NELAC-NY1		

Sample Information

Client Sample ID: MW-1D @ 1110 **York Sample ID:** 19B0192-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
19B0192	Village of Mamaroneck	Water	February 5, 2019 11:10 am	02/06/2019

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
106-43-4	4-Chlorotoluene	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	02/12/2019 07:30 CTDOH,NELAC-NY10854,NJDEP,NELAC-NY1	02/12/2019 18:39	RDS
108-86-1	Bromobenzene	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	02/12/2019 07:30 NELAC-NY10854,NJDEP,NELAC-NY12058,PAI	02/12/2019 18:39	RDS
74-97-5	Bromochloromethane	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	02/12/2019 07:30 NELAC-NY10854,NJDEP,NELAC-NY12058,PAI	02/12/2019 18:39	RDS
75-27-4	Bromodichloromethane	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	02/12/2019 07:30 CTDOH,NELAC-NY10854,NJDEP,NELAC-NY1	02/12/2019 18:39	RDS
75-25-2	Bromoform	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	02/12/2019 07:30 CTDOH,NELAC-NY10854,NJDEP,NELAC-NY1	02/12/2019 18:39	RDS
74-83-9	Bromomethane	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	02/12/2019 07:30 CTDOH,NELAC-NY10854,NJDEP,NELAC-NY1	02/12/2019 18:39	RDS
56-23-5	Carbon tetrachloride	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	02/12/2019 07:30 CTDOH,NELAC-NY10854,NJDEP,NELAC-NY1	02/12/2019 18:39	RDS
108-90-7	Chlorobenzene	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	02/12/2019 07:30 CTDOH,NELAC-NY10854,NJDEP,NELAC-NY1	02/12/2019 18:39	RDS
75-00-3	Chloroethane	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	02/12/2019 07:30 CTDOH,NELAC-NY10854,NJDEP,NELAC-NY1	02/12/2019 18:39	RDS
67-66-3	Chloroform	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	02/12/2019 07:30 CTDOH,NELAC-NY10854,NJDEP,NELAC-NY1	02/12/2019 18:39	RDS
74-87-3	Chloromethane	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	02/12/2019 07:30 CTDOH,NELAC-NY10854,NJDEP,NELAC-NY1	02/12/2019 18:39	RDS
156-59-2	cis-1,2-Dichloroethylene	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	02/12/2019 07:30 CTDOH,NELAC-NY10854,NJDEP,NELAC-NY1	02/12/2019 18:39	RDS
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	02/12/2019 07:30 CTDOH,NELAC-NY10854,NJDEP,NELAC-NY1	02/12/2019 18:39	RDS
124-48-1	Dibromochloromethane	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	02/12/2019 07:30 CTDOH,NELAC-NY10854,NJDEP,NELAC-NY1	02/12/2019 18:39	RDS
74-95-3	Dibromomethane	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	02/12/2019 07:30 NELAC-NY10854,NJDEP,NELAC-NY12058,PAI	02/12/2019 18:39	RDS
75-71-8	Dichlorodifluoromethane	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	02/12/2019 07:30 NELAC-NY10854,NJDEP,NELAC-NY12058,PAI	02/12/2019 18:39	RDS
87-68-3	Hexachlorobutadiene	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	02/12/2019 07:30 NELAC-NY10854,NJDEP,NELAC-NY12058,PAI	02/12/2019 18:39	RDS
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	02/12/2019 07:30 CTDOH,NELAC-NY10854,NJDEP,NELAC-NY1	02/12/2019 18:39	RDS
75-09-2	Methylene chloride	ND		ug/L	2.5	10	1	EPA 8260C Certifications:	02/12/2019 07:30 CTDOH,NELAC-NY10854,NJDEP,NELAC-NY1	02/12/2019 18:39	RDS
98-06-6	tert-Butylbenzene	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	02/12/2019 07:30 CTDOH,NELAC-NY10854,NJDEP,NELAC-NY1	02/12/2019 18:39	RDS
127-18-4	Tetrachloroethylene	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	02/12/2019 07:30 CTDOH,NELAC-NY10854,NJDEP,NELAC-NY1	02/12/2019 18:39	RDS

Sample Information

Client Sample ID: MW-1D @ 1110 **York Sample ID:** 19B0192-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
19B0192	Village of Mamaroneck	Water	February 5, 2019 11:10 am	02/06/2019

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
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	2.5	5.0	1	EPA 8260C	02/12/2019 07:30	02/12/2019 18:39	RDS
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,NELAC-NY1		
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	2.5	5.0	1	EPA 8260C	02/12/2019 07:30	02/12/2019 18:39	RDS
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,NELAC-NY1		
79-01-6	Trichloroethylene	ND		ug/L	2.5	5.0	1	EPA 8260C	02/12/2019 07:30	02/12/2019 18:39	RDS
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,NELAC-NY1		
75-69-4	Trichlorofluoromethane	ND		ug/L	2.5	5.0	1	EPA 8260C	02/12/2019 07:30	02/12/2019 18:39	RDS
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,NELAC-NY1		
75-01-4	Vinyl Chloride	ND		ug/L	2.5	5.0	1	EPA 8260C	02/12/2019 07:30	02/12/2019 18:39	RDS
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,NELAC-NY1		

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: SURR: 1,2-Dichloroethane-d4*	*103 %*	*69-130*
2037-26-5	*Surrogate: SURR: Toluene-d8*	*84.2 %*	*81-117*
460-00-4	*Surrogate: SURR: p-Bromofluorobenzene*	*122 %*	*79-122*

Volatile Organics, tert-Butyl Alcohol

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
75-65-0	tert-Butyl alcohol (TBA)	ND		ug/L	0.50	2.5	1	EPA 8260C	02/12/2019 07:30	02/12/2019 18:39	RDS
								Certifications:	NELAC-NY10854,NJDEP,NELAC-NY12058,PAI		

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: SURR: 1,2-Dichloroethane-d4*	*103 %*	*69-130*
460-00-4	*Surrogate: SURR: p-Bromofluorobenzene*	*122 %*	*79-122*
2037-26-5	*Surrogate: SURR: Toluene-d8*	*84.2 %*	*81-117*

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	02/11/2019 14:41	02/13/2019 21:10	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

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	02/11/2019 14:41	02/13/2019 21:10	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

Sample Information

Client Sample ID: MW-1D @ 1110 **York Sample ID:** 19B0192-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
19B0192	Village of Mamaroneck	Water	February 5, 2019 11:10 am	02/06/2019

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	02/11/2019 14:41	02/13/2019 21:10	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

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	02/11/2019 14:41	02/13/2019 21:10	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

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**	**0.0371**		mg/L	0.0278	1	EPA 6010D	02/11/2019 14:41	02/13/2019 21:10	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

Mercury by 7473

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 7473 water

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	0.00020	1	EPA 7473	02/08/2019 12:07	02/08/2019 19:06	SY
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

Sample Information

Client Sample ID: MW-2S @ 1020 **York Sample ID:** 19B0192-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
19B0192	Village of Mamaroneck	Water	February 5, 2019 10:20 am	02/06/2019

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	02/12/2019 07:30	02/12/2019 19:08	RDS
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,NELAC-NY1		
71-55-6	1,1,1-Trichloroethane	ND		ug/L	2.5	5.0	1	EPA 8260C	02/12/2019 07:30	02/12/2019 19:08	RDS
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,NELAC-NY1		
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	2.5	5.0	1	EPA 8260C	02/12/2019 07:30	02/12/2019 19:08	RDS
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,NELAC-NY1		

Sample Information

Client Sample ID: MW-2S @ 1020 **York Sample ID:** 19B0192-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
19B0192	Village of Mamaroneck	Water	February 5, 2019 10:20 am	02/06/2019

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
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	02/12/2019 07:30	02/12/2019 19:08 CTDOH,NELAC-NY10854,NJDEP,NELAC-NY1	RDS
79-00-5	1,1,2-Trichloroethane	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	02/12/2019 07:30	02/12/2019 19:08 CTDOH,NELAC-NY10854,NJDEP,NELAC-NY1	RDS
75-34-3	1,1-Dichloroethane	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	02/12/2019 07:30	02/12/2019 19:08 CTDOH,NELAC-NY10854,NJDEP,NELAC-NY1	RDS
75-35-4	1,1-Dichloroethylene	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	02/12/2019 07:30	02/12/2019 19:08 CTDOH,NELAC-NY10854,NJDEP,NELAC-NY1	RDS
563-58-6	1,1-Dichloropropylene	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	02/12/2019 07:30	02/12/2019 19:08 NELAC-NY10854,NJDEP,NELAC-NY12058	RDS
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	02/12/2019 07:30	02/12/2019 19:08 NELAC-NY10854,NJDEP,NELAC-NY12058,PAI	RDS
96-18-4	1,2,3-Trichloropropane	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	02/12/2019 07:30	02/12/2019 19:08 NELAC-NY10854,NJDEP,NELAC-NY12058,PAI	RDS
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	02/12/2019 07:30	02/12/2019 19:08 NELAC-NY10854,NJDEP,NELAC-NY12058,PAI	RDS
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	02/12/2019 07:30	02/12/2019 19:08 CTDOH,NELAC-NY10854,NJDEP,NELAC-NY1	RDS
106-93-4	1,2-Dibromoethane	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	02/12/2019 07:30	02/12/2019 19:08 CTDOH,NELAC-NY10854,NJDEP,NELAC-NY1	RDS
95-50-1	1,2-Dichlorobenzene	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	02/12/2019 07:30	02/12/2019 19:08 CTDOH,NELAC-NY10854,NJDEP,NELAC-NY1	RDS
107-06-2	1,2-Dichloroethane	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	02/12/2019 07:30	02/12/2019 19:08 CTDOH,NELAC-NY10854,NJDEP,NELAC-NY1	RDS
78-87-5	1,2-Dichloropropane	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	02/12/2019 07:30	02/12/2019 19:08 CTDOH,NELAC-NY10854,NJDEP,NELAC-NY1	RDS
541-73-1	1,3-Dichlorobenzene	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	02/12/2019 07:30	02/12/2019 19:08 CTDOH,NELAC-NY10854,NJDEP,NELAC-NY1	RDS
142-28-9	1,3-Dichloropropane	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	02/12/2019 07:30	02/12/2019 19:08 NELAC-NY10854,NJDEP,NELAC-NY12058,PAI	RDS
106-46-7	1,4-Dichlorobenzene	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	02/12/2019 07:30	02/12/2019 19:08 CTDOH,NELAC-NY10854,NJDEP,NELAC-NY1	RDS
594-20-7	2,2-Dichloropropane	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	02/12/2019 07:30	02/12/2019 19:08 NELAC-NY10854,NJDEP,NELAC-NY12058,PAI	RDS
95-49-8	2-Chlorotoluene	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	02/12/2019 07:30	02/12/2019 19:08 CTDOH,NELAC-NY10854,NJDEP,NELAC-NY1	RDS
106-43-4	4-Chlorotoluene	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	02/12/2019 07:30	02/12/2019 19:08 CTDOH,NELAC-NY10854,NJDEP,NELAC-NY1	RDS
108-86-1	Bromobenzene	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	02/12/2019 07:30	02/12/2019 19:08 NELAC-NY10854,NJDEP,NELAC-NY12058,PAI	RDS
74-97-5	Bromochloromethane	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	02/12/2019 07:30	02/12/2019 19:08 NELAC-NY10854,NJDEP,NELAC-NY12058,PAI	RDS

Sample Information

Client Sample ID: MW-2S @ 1020 **York Sample ID:** 19B0192-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
19B0192	Village of Mamaroneck	Water	February 5, 2019 10:20 am	02/06/2019

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
75-27-4	Bromodichloromethane	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	02/12/2019 07:30 CTDOH,NELAC-NY10854,NJDEP,NELAC-NY1	02/12/2019 19:08	RDS
75-25-2	Bromoform	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	02/12/2019 07:30 CTDOH,NELAC-NY10854,NJDEP,NELAC-NY1	02/12/2019 19:08	RDS
74-83-9	Bromomethane	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	02/12/2019 07:30 CTDOH,NELAC-NY10854,NJDEP,NELAC-NY1	02/12/2019 19:08	RDS
56-23-5	Carbon tetrachloride	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	02/12/2019 07:30 CTDOH,NELAC-NY10854,NJDEP,NELAC-NY1	02/12/2019 19:08	RDS
108-90-7	Chlorobenzene	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	02/12/2019 07:30 CTDOH,NELAC-NY10854,NJDEP,NELAC-NY1	02/12/2019 19:08	RDS
75-00-3	Chloroethane	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	02/12/2019 07:30 CTDOH,NELAC-NY10854,NJDEP,NELAC-NY1	02/12/2019 19:08	RDS
67-66-3	Chloroform	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	02/12/2019 07:30 CTDOH,NELAC-NY10854,NJDEP,NELAC-NY1	02/12/2019 19:08	RDS
74-87-3	Chloromethane	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	02/12/2019 07:30 CTDOH,NELAC-NY10854,NJDEP,NELAC-NY1	02/12/2019 19:08	RDS
156-59-2	cis-1,2-Dichloroethylene	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	02/12/2019 07:30 CTDOH,NELAC-NY10854,NJDEP,NELAC-NY1	02/12/2019 19:08	RDS
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	02/12/2019 07:30 CTDOH,NELAC-NY10854,NJDEP,NELAC-NY1	02/12/2019 19:08	RDS
124-48-1	Dibromochloromethane	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	02/12/2019 07:30 CTDOH,NELAC-NY10854,NJDEP,NELAC-NY1	02/12/2019 19:08	RDS
74-95-3	Dibromomethane	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	02/12/2019 07:30 NELAC-NY10854,NJDEP,NELAC-NY12058,PAI	02/12/2019 19:08	RDS
75-71-8	Dichlorodifluoromethane	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	02/12/2019 07:30 NELAC-NY10854,NJDEP,NELAC-NY12058,PAI	02/12/2019 19:08	RDS
87-68-3	Hexachlorobutadiene	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	02/12/2019 07:30 NELAC-NY10854,NJDEP,NELAC-NY12058,PAI	02/12/2019 19:08	RDS
1634-04-4	**Methyl tert-butyl ether (MTBE)**	**2.8**	J	ug/L	2.5	5.0	1	EPA 8260C Certifications:	02/12/2019 07:30 CTDOH,NELAC-NY10854,NJDEP,NELAC-NY1	02/12/2019 19:08	RDS
75-09-2	Methylene chloride	ND		ug/L	2.5	10	1	EPA 8260C Certifications:	02/12/2019 07:30 CTDOH,NELAC-NY10854,NJDEP,NELAC-NY1	02/12/2019 19:08	RDS
98-06-6	tert-Butylbenzene	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	02/12/2019 07:30 CTDOH,NELAC-NY10854,NJDEP,NELAC-NY1	02/12/2019 19:08	RDS
127-18-4	Tetrachloroethylene	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	02/12/2019 07:30 CTDOH,NELAC-NY10854,NJDEP,NELAC-NY1	02/12/2019 19:08	RDS
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	02/12/2019 07:30 CTDOH,NELAC-NY10854,NJDEP,NELAC-NY1	02/12/2019 19:08	RDS
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	02/12/2019 07:30 CTDOH,NELAC-NY10854,NJDEP,NELAC-NY1	02/12/2019 19:08	RDS
79-01-6	Trichloroethylene	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	02/12/2019 07:30 CTDOH,NELAC-NY10854,NJDEP,NELAC-NY1	02/12/2019 19:08	RDS

Sample Information

Client Sample ID: MW-2S @ 1020 **York Sample ID:** 19B0192-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
19B0192	Village of Mamaroneck	Water	February 5, 2019 10:20 am	02/06/2019

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
75-69-4	Trichlorofluoromethane	ND		ug/L	2.5	5.0	1	EPA 8260C	02/12/2019 07:30	02/12/2019 19:08	RDS
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,NELAC-NY1		
75-01-4	Vinyl Chloride	ND		ug/L	2.5	5.0	1	EPA 8260C	02/12/2019 07:30	02/12/2019 19:08	RDS
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,NELAC-NY1		

	Surrogate Recoveries	Result		Acceptance Range
17060-07-0	*Surrogate: SURR: 1,2-Dichloroethane-d4*	*103 %*		*69-130*
2037-26-5	*Surrogate: SURR: Toluene-d8*	*96.3 %*		*81-117*
460-00-4	*Surrogate: SURR: p-Bromofluorobenzene*	*127 %*	S-HI	*79-122*

Volatile Organics, tert-Butyl Alcohol

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
75-65-0	**tert-Butyl alcohol (TBA)**	**17**		ug/L	0.50	2.5	1	EPA 8260C	02/12/2019 07:30	02/12/2019 19:08	RDS
								Certifications:	NELAC-NY10854,NJDEP,NELAC-NY12058,PAI		

	Surrogate Recoveries	Result		Acceptance Range
17060-07-0	*Surrogate: SURR: 1,2-Dichloroethane-d4*	*103 %*		*69-130*
460-00-4	*Surrogate: SURR: p-Bromofluorobenzene*	*127 %*	S-HI	*79-122*
2037-26-5	*Surrogate: SURR: Toluene-d8*	*96.3 %*		*81-117*

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	02/11/2019 14:41	02/13/2019 21:12	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

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	02/11/2019 14:41	02/13/2019 21:12	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

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	02/11/2019 14:41	02/13/2019 21:12	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

Sample Information

Client Sample ID: MW-2S @ 1020 **York Sample ID:** 19B0192-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
19B0192	Village of Mamaroneck	Water	February 5, 2019 10:20 am	02/06/2019

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**	**0.0574**		mg/L	0.00556	1	EPA 6010D	02/11/2019 14:41	02/13/2019 21:12	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

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**	**0.0823**		mg/L	0.0278	1	EPA 6010D	02/11/2019 14:41	02/13/2019 21:12	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

Mercury by 7473

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 7473 water

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	0.00020	1	EPA 7473	02/08/2019 12:07	02/08/2019 19:17	SY
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

Sample Information

Client Sample ID: MW-2D @ 1023 **York Sample ID:** 19B0192-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
19B0192	Village of Mamaroneck	Water	February 5, 2019 10:23 am	02/06/2019

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	02/12/2019 07:30	02/12/2019 19:36	RDS
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,NELAC-NY1		
71-55-6	1,1,1-Trichloroethane	ND		ug/L	2.5	5.0	1	EPA 8260C	02/12/2019 07:30	02/12/2019 19:36	RDS
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,NELAC-NY1		
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	2.5	5.0	1	EPA 8260C	02/12/2019 07:30	02/12/2019 19:36	RDS
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,NELAC-NY1		
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/L	2.5	5.0	1	EPA 8260C	02/12/2019 07:30	02/12/2019 19:36	RDS
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,NELAC-NY1		
79-00-5	1,1,2-Trichloroethane	ND		ug/L	2.5	5.0	1	EPA 8260C	02/12/2019 07:30	02/12/2019 19:36	RDS
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,NELAC-NY1		
75-34-3	1,1-Dichloroethane	ND		ug/L	2.5	5.0	1	EPA 8260C	02/12/2019 07:30	02/12/2019 19:36	RDS
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,NELAC-NY1		
75-35-4	1,1-Dichloroethylene	ND		ug/L	2.5	5.0	1	EPA 8260C	02/12/2019 07:30	02/12/2019 19:36	RDS
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,NELAC-NY1		

Sample Information

Client Sample ID: MW-2D @ 1023 **York Sample ID:** 19B0192-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
19B0192	Village of Mamaroneck	Water	February 5, 2019 10:23 am	02/06/2019

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
563-58-6	1,1-Dichloropropylene	ND		ug/L	2.5	5.0	1	EPA 8260C	02/12/2019 07:30	02/12/2019 19:36	RDS
								Certifications:	NELAC-NY10854,NJDEP,NELAC-NY12058		
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	2.5	5.0	1	EPA 8260C	02/12/2019 07:30	02/12/2019 19:36	RDS
								Certifications:	NELAC-NY10854,NJDEP,NELAC-NY12058,PAI		
96-18-4	1,2,3-Trichloropropane	ND		ug/L	2.5	5.0	1	EPA 8260C	02/12/2019 07:30	02/12/2019 19:36	RDS
								Certifications:	NELAC-NY10854,NJDEP,NELAC-NY12058,PAI		
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	2.5	5.0	1	EPA 8260C	02/12/2019 07:30	02/12/2019 19:36	RDS
								Certifications:	NELAC-NY10854,NJDEP,NELAC-NY12058,PAI		
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	2.5	5.0	1	EPA 8260C	02/12/2019 07:30	02/12/2019 19:36	RDS
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,NELAC-NY1		
106-93-4	1,2-Dibromoethane	ND		ug/L	2.5	5.0	1	EPA 8260C	02/12/2019 07:30	02/12/2019 19:36	RDS
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,NELAC-NY1		
95-50-1	1,2-Dichlorobenzene	ND		ug/L	2.5	5.0	1	EPA 8260C	02/12/2019 07:30	02/12/2019 19:36	RDS
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,NELAC-NY1		
107-06-2	1,2-Dichloroethane	ND		ug/L	2.5	5.0	1	EPA 8260C	02/12/2019 07:30	02/12/2019 19:36	RDS
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,NELAC-NY1		
78-87-5	1,2-Dichloropropane	ND		ug/L	2.5	5.0	1	EPA 8260C	02/12/2019 07:30	02/12/2019 19:36	RDS
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,NELAC-NY1		
541-73-1	1,3-Dichlorobenzene	ND		ug/L	2.5	5.0	1	EPA 8260C	02/12/2019 07:30	02/12/2019 19:36	RDS
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,NELAC-NY1		
142-28-9	1,3-Dichloropropane	ND		ug/L	2.5	5.0	1	EPA 8260C	02/12/2019 07:30	02/12/2019 19:36	RDS
								Certifications:	NELAC-NY10854,NJDEP,NELAC-NY12058,PAI		
106-46-7	1,4-Dichlorobenzene	ND		ug/L	2.5	5.0	1	EPA 8260C	02/12/2019 07:30	02/12/2019 19:36	RDS
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,NELAC-NY1		
594-20-7	2,2-Dichloropropane	ND		ug/L	2.5	5.0	1	EPA 8260C	02/12/2019 07:30	02/12/2019 19:36	RDS
								Certifications:	NELAC-NY10854,NJDEP,NELAC-NY12058,PAI		
95-49-8	2-Chlorotoluene	ND		ug/L	2.5	5.0	1	EPA 8260C	02/12/2019 07:30	02/12/2019 19:36	RDS
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,NELAC-NY1		
106-43-4	4-Chlorotoluene	ND		ug/L	2.5	5.0	1	EPA 8260C	02/12/2019 07:30	02/12/2019 19:36	RDS
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,NELAC-NY1		
108-86-1	Bromobenzene	ND		ug/L	2.5	5.0	1	EPA 8260C	02/12/2019 07:30	02/12/2019 19:36	RDS
								Certifications:	NELAC-NY10854,NJDEP,NELAC-NY12058,PAI		
74-97-5	Bromochloromethane	ND		ug/L	2.5	5.0	1	EPA 8260C	02/12/2019 07:30	02/12/2019 19:36	RDS
								Certifications:	NELAC-NY10854,NJDEP,NELAC-NY12058,PAI		
75-27-4	Bromodichloromethane	ND		ug/L	2.5	5.0	1	EPA 8260C	02/12/2019 07:30	02/12/2019 19:36	RDS
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,NELAC-NY1		
75-25-2	Bromoform	ND		ug/L	2.5	5.0	1	EPA 8260C	02/12/2019 07:30	02/12/2019 19:36	RDS
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,NELAC-NY1		
74-83-9	Bromomethane	ND		ug/L	2.5	5.0	1	EPA 8260C	02/12/2019 07:30	02/12/2019 19:36	RDS
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,NELAC-NY1		
56-23-5	Carbon tetrachloride	ND		ug/L	2.5	5.0	1	EPA 8260C	02/12/2019 07:30	02/12/2019 19:36	RDS
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,NELAC-NY1		

Sample Information

Client Sample ID: MW-2D @ 1023 **York Sample ID:** 19B0192-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
19B0192	Village of Mamaroneck	Water	February 5, 2019 10:23 am	02/06/2019

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
108-90-7	Chlorobenzene	ND		ug/L	2.5	5.0	1	EPA 8260C	02/12/2019 07:30	02/12/2019 19:36	RDS
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,NELAC-NY1		
75-00-3	Chloroethane	ND		ug/L	2.5	5.0	1	EPA 8260C	02/12/2019 07:30	02/12/2019 19:36	RDS
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,NELAC-NY1		
67-66-3	Chloroform	ND		ug/L	2.5	5.0	1	EPA 8260C	02/12/2019 07:30	02/12/2019 19:36	RDS
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,NELAC-NY1		
74-87-3	Chloromethane	ND		ug/L	2.5	5.0	1	EPA 8260C	02/12/2019 07:30	02/12/2019 19:36	RDS
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,NELAC-NY1		
156-59-2	cis-1,2-Dichloroethylene	ND		ug/L	2.5	5.0	1	EPA 8260C	02/12/2019 07:30	02/12/2019 19:36	RDS
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,NELAC-NY1		
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	2.5	5.0	1	EPA 8260C	02/12/2019 07:30	02/12/2019 19:36	RDS
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,NELAC-NY1		
124-48-1	Dibromochloromethane	ND		ug/L	2.5	5.0	1	EPA 8260C	02/12/2019 07:30	02/12/2019 19:36	RDS
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,NELAC-NY1		
74-95-3	Dibromomethane	ND		ug/L	2.5	5.0	1	EPA 8260C	02/12/2019 07:30	02/12/2019 19:36	RDS
								Certifications:	NELAC-NY10854,NJDEP,NELAC-NY12058,PAI		
75-71-8	Dichlorodifluoromethane	ND		ug/L	2.5	5.0	1	EPA 8260C	02/12/2019 07:30	02/12/2019 19:36	RDS
								Certifications:	NELAC-NY10854,NJDEP,NELAC-NY12058,PAI		
87-68-3	Hexachlorobutadiene	ND		ug/L	2.5	5.0	1	EPA 8260C	02/12/2019 07:30	02/12/2019 19:36	RDS
								Certifications:	NELAC-NY10854,NJDEP,NELAC-NY12058,PAI		
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	2.5	5.0	1	EPA 8260C	02/12/2019 07:30	02/12/2019 19:36	RDS
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,NELAC-NY1		
75-09-2	Methylene chloride	ND		ug/L	2.5	10	1	EPA 8260C	02/12/2019 07:30	02/12/2019 19:36	RDS
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,NELAC-NY1		
98-06-6	tert-Butylbenzene	ND		ug/L	2.5	5.0	1	EPA 8260C	02/12/2019 07:30	02/12/2019 19:36	RDS
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,NELAC-NY1		
127-18-4	Tetrachloroethylene	ND		ug/L	2.5	5.0	1	EPA 8260C	02/12/2019 07:30	02/12/2019 19:36	RDS
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,NELAC-NY1		
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	2.5	5.0	1	EPA 8260C	02/12/2019 07:30	02/12/2019 19:36	RDS
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,NELAC-NY1		
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	2.5	5.0	1	EPA 8260C	02/12/2019 07:30	02/12/2019 19:36	RDS
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,NELAC-NY1		
79-01-6	Trichloroethylene	ND		ug/L	2.5	5.0	1	EPA 8260C	02/12/2019 07:30	02/12/2019 19:36	RDS
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,NELAC-NY1		
75-69-4	Trichlorofluoromethane	ND		ug/L	2.5	5.0	1	EPA 8260C	02/12/2019 07:30	02/12/2019 19:36	RDS
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,NELAC-NY1		
75-01-4	Vinyl Chloride	ND		ug/L	2.5	5.0	1	EPA 8260C	02/12/2019 07:30	02/12/2019 19:36	RDS
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,NELAC-NY1		

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: SURR: 1,2-Dichloroethane-d4*	*103 %*	*69-130*
2037-26-5	*Surrogate: SURR: Toluene-d8*	*97.9 %*	*81-117*

Sample Information

Client Sample ID: MW-2D @ 1023 **York Sample ID:** 19B0192-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
19B0192	Village of Mamaroneck	Water	February 5, 2019 10:23 am	02/06/2019

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
460-00-4	*Surrogate: SURR: p-Bromofluorobenzene*	*121 %*			*79-122*						

Volatile Organics, tert-Butyl Alcohol

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
75-65-0	tert-Butyl alcohol (TBA)	ND		ug/L	0.50	2.5	1	EPA 8260C	02/12/2019 07:30	02/12/2019 19:36	RDS
								Certifications:	NELAC-NY10854,NJDEP,NELAC-NY12058,PAI		

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: SURR: 1,2-Dichloroethane-d4*	*103 %*	*69-130*
460-00-4	*Surrogate: SURR: p-Bromofluorobenzene*	*121 %*	*79-122*
2037-26-5	*Surrogate: SURR: Toluene-d8*	*97.9 %*	*81-117*

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	02/11/2019 14:41	02/13/2019 21:14	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

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	02/11/2019 14:41	02/13/2019 21:14	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

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	02/11/2019 14:41	02/13/2019 21:14	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

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	02/11/2019 14:41	02/13/2019 21:14	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

Sample Information

Client Sample ID: MW-2D @ 1023 **York Sample ID:** 19B0192-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
19B0192	Village of Mamaroneck	Water	February 5, 2019 10:23 am	02/06/2019

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	ND		mg/L	0.0278	1	EPA 6010D	02/11/2019 14:41	02/13/2019 21:14	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

Mercury by 7473

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 7473 water

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	0.00020	1	EPA 7473	02/08/2019 12:07	02/08/2019 19:28	SY
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

Sample Information

Client Sample ID: MW-3S @ 932 **York Sample ID:** 19B0192-05

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
19B0192	Village of Mamaroneck	Water	February 5, 2019 9:32 am	02/06/2019

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	02/12/2019 07:30	02/12/2019 20:05	RDS
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,NELAC-NY1		
71-55-6	1,1,1-Trichloroethane	ND		ug/L	2.5	5.0	1	EPA 8260C	02/12/2019 07:30	02/12/2019 20:05	RDS
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,NELAC-NY1		
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	2.5	5.0	1	EPA 8260C	02/12/2019 07:30	02/12/2019 20:05	RDS
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,NELAC-NY1		
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/L	2.5	5.0	1	EPA 8260C	02/12/2019 07:30	02/12/2019 20:05	RDS
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,NELAC-NY1		
79-00-5	1,1,2-Trichloroethane	ND		ug/L	2.5	5.0	1	EPA 8260C	02/12/2019 07:30	02/12/2019 20:05	RDS
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,NELAC-NY1		
75-34-3	1,1-Dichloroethane	ND		ug/L	2.5	5.0	1	EPA 8260C	02/12/2019 07:30	02/12/2019 20:05	RDS
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,NELAC-NY1		
75-35-4	1,1-Dichloroethylene	ND		ug/L	2.5	5.0	1	EPA 8260C	02/12/2019 07:30	02/12/2019 20:05	RDS
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,NELAC-NY1		
563-58-6	1,1-Dichloropropylene	ND		ug/L	2.5	5.0	1	EPA 8260C	02/12/2019 07:30	02/12/2019 20:05	RDS
								Certifications:	NELAC-NY10854,NJDEP,NELAC-NY12058		
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	2.5	5.0	1	EPA 8260C	02/12/2019 07:30	02/12/2019 20:05	RDS
								Certifications:	NELAC-NY10854,NJDEP,NELAC-NY12058,PAI		
96-18-4	1,2,3-Trichloropropane	ND		ug/L	2.5	5.0	1	EPA 8260C	02/12/2019 07:30	02/12/2019 20:05	RDS
								Certifications:	NELAC-NY10854,NJDEP,NELAC-NY12058,PAI		

Sample Information

Client Sample ID: MW-3S @ 932 **York Sample ID:** 19B0192-05

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
19B0192	Village of Mamaroneck	Water	February 5, 2019 9:32 am	02/06/2019

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
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	2.5	5.0	1	EPA 8260C	02/12/2019 07:30	02/12/2019 20:05	RDS
								Certifications:	NELAC-NY10854,NJDEP,NELAC-NY12058,PAI		
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	2.5	5.0	1	EPA 8260C	02/12/2019 07:30	02/12/2019 20:05	RDS
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,NELAC-NY1		
106-93-4	1,2-Dibromoethane	ND		ug/L	2.5	5.0	1	EPA 8260C	02/12/2019 07:30	02/12/2019 20:05	RDS
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,NELAC-NY1		
95-50-1	1,2-Dichlorobenzene	ND		ug/L	2.5	5.0	1	EPA 8260C	02/12/2019 07:30	02/12/2019 20:05	RDS
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,NELAC-NY1		
107-06-2	1,2-Dichloroethane	ND		ug/L	2.5	5.0	1	EPA 8260C	02/12/2019 07:30	02/12/2019 20:05	RDS
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,NELAC-NY1		
78-87-5	1,2-Dichloropropane	ND		ug/L	2.5	5.0	1	EPA 8260C	02/12/2019 07:30	02/12/2019 20:05	RDS
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,NELAC-NY1		
541-73-1	1,3-Dichlorobenzene	ND		ug/L	2.5	5.0	1	EPA 8260C	02/12/2019 07:30	02/12/2019 20:05	RDS
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,NELAC-NY1		
142-28-9	1,3-Dichloropropane	ND		ug/L	2.5	5.0	1	EPA 8260C	02/12/2019 07:30	02/12/2019 20:05	RDS
								Certifications:	NELAC-NY10854,NJDEP,NELAC-NY12058,PAI		
106-46-7	1,4-Dichlorobenzene	ND		ug/L	2.5	5.0	1	EPA 8260C	02/12/2019 07:30	02/12/2019 20:05	RDS
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,NELAC-NY1		
594-20-7	2,2-Dichloropropane	ND		ug/L	2.5	5.0	1	EPA 8260C	02/12/2019 07:30	02/12/2019 20:05	RDS
								Certifications:	NELAC-NY10854,NJDEP,NELAC-NY12058,PAI		
95-49-8	2-Chlorotoluene	ND		ug/L	2.5	5.0	1	EPA 8260C	02/12/2019 07:30	02/12/2019 20:05	RDS
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,NELAC-NY1		
106-43-4	4-Chlorotoluene	ND		ug/L	2.5	5.0	1	EPA 8260C	02/12/2019 07:30	02/12/2019 20:05	RDS
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,NELAC-NY1		
108-86-1	Bromobenzene	ND		ug/L	2.5	5.0	1	EPA 8260C	02/12/2019 07:30	02/12/2019 20:05	RDS
								Certifications:	NELAC-NY10854,NJDEP,NELAC-NY12058,PAI		
74-97-5	Bromochloromethane	ND		ug/L	2.5	5.0	1	EPA 8260C	02/12/2019 07:30	02/12/2019 20:05	RDS
								Certifications:	NELAC-NY10854,NJDEP,NELAC-NY12058,PAI		
75-27-4	Bromodichloromethane	ND		ug/L	2.5	5.0	1	EPA 8260C	02/12/2019 07:30	02/12/2019 20:05	RDS
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,NELAC-NY1		
75-25-2	Bromoform	ND		ug/L	2.5	5.0	1	EPA 8260C	02/12/2019 07:30	02/12/2019 20:05	RDS
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,NELAC-NY1		
74-83-9	Bromomethane	ND		ug/L	2.5	5.0	1	EPA 8260C	02/12/2019 07:30	02/12/2019 20:05	RDS
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,NELAC-NY1		
56-23-5	Carbon tetrachloride	ND		ug/L	2.5	5.0	1	EPA 8260C	02/12/2019 07:30	02/12/2019 20:05	RDS
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,NELAC-NY1		
108-90-7	Chlorobenzene	ND		ug/L	2.5	5.0	1	EPA 8260C	02/12/2019 07:30	02/12/2019 20:05	RDS
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,NELAC-NY1		
75-00-3	Chloroethane	ND		ug/L	2.5	5.0	1	EPA 8260C	02/12/2019 07:30	02/12/2019 20:05	RDS
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,NELAC-NY1		
67-66-3	Chloroform	ND		ug/L	2.5	5.0	1	EPA 8260C	02/12/2019 07:30	02/12/2019 20:05	RDS
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,NELAC-NY1		

Sample Information

Client Sample ID: MW-3S @ 932 **York Sample ID:** 19B0192-05

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
19B0192	Village of Mamaroneck	Water	February 5, 2019 9:32 am	02/06/2019

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
74-87-3	Chloromethane	ND		ug/L	2.5	5.0	1	EPA 8260C	02/12/2019 07:30	02/12/2019 20:05	RDS
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,NELAC-NY1		
156-59-2	cis-1,2-Dichloroethylene	ND		ug/L	2.5	5.0	1	EPA 8260C	02/12/2019 07:30	02/12/2019 20:05	RDS
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,NELAC-NY1		
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	2.5	5.0	1	EPA 8260C	02/12/2019 07:30	02/12/2019 20:05	RDS
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,NELAC-NY1		
124-48-1	Dibromochloromethane	ND		ug/L	2.5	5.0	1	EPA 8260C	02/12/2019 07:30	02/12/2019 20:05	RDS
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,NELAC-NY1		
74-95-3	Dibromomethane	ND		ug/L	2.5	5.0	1	EPA 8260C	02/12/2019 07:30	02/12/2019 20:05	RDS
								Certifications:	NELAC-NY10854,NJDEP,NELAC-NY12058,PAI		
75-71-8	Dichlorodifluoromethane	ND		ug/L	2.5	5.0	1	EPA 8260C	02/12/2019 07:30	02/12/2019 20:05	RDS
								Certifications:	NELAC-NY10854,NJDEP,NELAC-NY12058,PAI		
87-68-3	Hexachlorobutadiene	ND		ug/L	2.5	5.0	1	EPA 8260C	02/12/2019 07:30	02/12/2019 20:05	RDS
								Certifications:	NELAC-NY10854,NJDEP,NELAC-NY12058,PAI		
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	2.5	5.0	1	EPA 8260C	02/12/2019 07:30	02/12/2019 20:05	RDS
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,NELAC-NY1		
75-09-2	Methylene chloride	ND		ug/L	2.5	10	1	EPA 8260C	02/12/2019 07:30	02/12/2019 20:05	RDS
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,NELAC-NY1		
98-06-6	tert-Butylbenzene	ND		ug/L	2.5	5.0	1	EPA 8260C	02/12/2019 07:30	02/12/2019 20:05	RDS
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,NELAC-NY1		
127-18-4	Tetrachloroethylene	ND		ug/L	2.5	5.0	1	EPA 8260C	02/12/2019 07:30	02/12/2019 20:05	RDS
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,NELAC-NY1		
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	2.5	5.0	1	EPA 8260C	02/12/2019 07:30	02/12/2019 20:05	RDS
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,NELAC-NY1		
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	2.5	5.0	1	EPA 8260C	02/12/2019 07:30	02/12/2019 20:05	RDS
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,NELAC-NY1		
79-01-6	Trichloroethylene	ND		ug/L	2.5	5.0	1	EPA 8260C	02/12/2019 07:30	02/12/2019 20:05	RDS
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,NELAC-NY1		
75-69-4	Trichlorofluoromethane	ND		ug/L	2.5	5.0	1	EPA 8260C	02/12/2019 07:30	02/12/2019 20:05	RDS
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,NELAC-NY1		
75-01-4	Vinyl Chloride	ND		ug/L	2.5	5.0	1	EPA 8260C	02/12/2019 07:30	02/12/2019 20:05	RDS
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,NELAC-NY1		

	Surrogate Recoveries	Result		Acceptance Range
17060-07-0	*Surrogate: SURR: 1,2-Dichloroethane-d4*	*105 %*		*69-130*
2037-26-5	*Surrogate: SURR: Toluene-d8*	*98.3 %*		*81-117*
460-00-4	*Surrogate: SURR: p-Bromofluorobenzene*	*124 %*	S-HI	*79-122*

Volatile Organics, tert-Butyl Alcohol

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

Sample Information

Client Sample ID: MW-3S @ 932 **York Sample ID:** 19B0192-05

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
19B0192	Village of Mamaroneck	Water	February 5, 2019 9:32 am	02/06/2019

Volatile Organics, tert-Butyl Alcohol

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
75-65-0	tert-Butyl alcohol (TBA)	ND		ug/L	0.50	2.5	1	EPA 8260C	02/12/2019 07:30	02/12/2019 20:05	RDS
								Certifications:	NELAC-NY10854,NJDEP,NELAC-NY12058,PAL		

	Surrogate Recoveries	Result		Acceptance Range
17060-07-0	*Surrogate: SURR: 1,2-Dichloroethane-d4*	*105 %*		*69-130*
460-00-4	*Surrogate: SURR: p-Bromofluorobenzene*	*124 %*	S-HI	*79-122*
2037-26-5	*Surrogate: SURR: Toluene-d8*	*98.3 %*		*81-117*

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	02/11/2019 14:41	02/13/2019 21:17	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

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	02/11/2019 14:41	02/13/2019 21:17	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

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**	**0.128**		mg/L	0.0222	1	EPA 6010D	02/11/2019 14:41	02/13/2019 21:17	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

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	02/11/2019 14:41	02/13/2019 21:17	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

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**	**0.0759**		mg/L	0.0278	1	EPA 6010D	02/11/2019 14:41	02/13/2019 21:17	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

Sample Information

Client Sample ID: MW-3S @ 932 **York Sample ID:** 19B0192-05

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
19B0192	Village of Mamaroneck	Water	February 5, 2019 9:32 am	02/06/2019

Mercury by 7473

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 7473 water

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	0.00020	1	EPA 7473	02/08/2019 12:07	02/08/2019 19:38	SY
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

Sample Information

Client Sample ID: MW-3D @ 935 **York Sample ID:** 19B0192-06

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
19B0192	Village of Mamaroneck	Water	February 5, 2019 9:35 am	02/06/2019

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	02/12/2019 07:30	02/12/2019 20:34	RDS
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,NELAC-NY1		
71-55-6	1,1,1-Trichloroethane	ND		ug/L	2.5	5.0	1	EPA 8260C	02/12/2019 07:30	02/12/2019 20:34	RDS
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,NELAC-NY1		
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	2.5	5.0	1	EPA 8260C	02/12/2019 07:30	02/12/2019 20:34	RDS
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,NELAC-NY1		
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/L	2.5	5.0	1	EPA 8260C	02/12/2019 07:30	02/12/2019 20:34	RDS
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,NELAC-NY1		
79-00-5	1,1,2-Trichloroethane	ND		ug/L	2.5	5.0	1	EPA 8260C	02/12/2019 07:30	02/12/2019 20:34	RDS
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,NELAC-NY1		
75-34-3	1,1-Dichloroethane	ND		ug/L	2.5	5.0	1	EPA 8260C	02/12/2019 07:30	02/12/2019 20:34	RDS
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,NELAC-NY1		
75-35-4	1,1-Dichloroethylene	ND		ug/L	2.5	5.0	1	EPA 8260C	02/12/2019 07:30	02/12/2019 20:34	RDS
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,NELAC-NY1		
563-58-6	1,1-Dichloropropylene	ND		ug/L	2.5	5.0	1	EPA 8260C	02/12/2019 07:30	02/12/2019 20:34	RDS
								Certifications:	NELAC-NY10854,NJDEP,NELAC-NY12058		
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	2.5	5.0	1	EPA 8260C	02/12/2019 07:30	02/12/2019 20:34	RDS
								Certifications:	NELAC-NY10854,NJDEP,NELAC-NY12058,PAI		
96-18-4	1,2,3-Trichloropropane	ND		ug/L	2.5	5.0	1	EPA 8260C	02/12/2019 07:30	02/12/2019 20:34	RDS
								Certifications:	NELAC-NY10854,NJDEP,NELAC-NY12058,PAI		
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	2.5	5.0	1	EPA 8260C	02/12/2019 07:30	02/12/2019 20:34	RDS
								Certifications:	NELAC-NY10854,NJDEP,NELAC-NY12058,PAI		
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	2.5	5.0	1	EPA 8260C	02/12/2019 07:30	02/12/2019 20:34	RDS
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,NELAC-NY1		
106-93-4	1,2-Dibromoethane	ND		ug/L	2.5	5.0	1	EPA 8260C	02/12/2019 07:30	02/12/2019 20:34	RDS
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,NELAC-NY1		

Sample Information

Client Sample ID: MW-3D @ 935 **York Sample ID:** 19B0192-06

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
19B0192	Village of Mamaroneck	Water	February 5, 2019 9:35 am	02/06/2019

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
95-50-1	1,2-Dichlorobenzene	ND		ug/L	2.5	5.0	1	EPA 8260C	02/12/2019 07:30	02/12/2019 20:34	RDS
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,NELAC-NY1		
107-06-2	1,2-Dichloroethane	ND		ug/L	2.5	5.0	1	EPA 8260C	02/12/2019 07:30	02/12/2019 20:34	RDS
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,NELAC-NY1		
78-87-5	1,2-Dichloropropane	ND		ug/L	2.5	5.0	1	EPA 8260C	02/12/2019 07:30	02/12/2019 20:34	RDS
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,NELAC-NY1		
541-73-1	1,3-Dichlorobenzene	ND		ug/L	2.5	5.0	1	EPA 8260C	02/12/2019 07:30	02/12/2019 20:34	RDS
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,NELAC-NY1		
142-28-9	1,3-Dichloropropane	ND		ug/L	2.5	5.0	1	EPA 8260C	02/12/2019 07:30	02/12/2019 20:34	RDS
								Certifications:	NELAC-NY10854,NJDEP,NELAC-NY12058,PAI		
106-46-7	1,4-Dichlorobenzene	ND		ug/L	2.5	5.0	1	EPA 8260C	02/12/2019 07:30	02/12/2019 20:34	RDS
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,NELAC-NY1		
594-20-7	2,2-Dichloropropane	ND		ug/L	2.5	5.0	1	EPA 8260C	02/12/2019 07:30	02/12/2019 20:34	RDS
								Certifications:	NELAC-NY10854,NJDEP,NELAC-NY12058,PAI		
95-49-8	2-Chlorotoluene	ND		ug/L	2.5	5.0	1	EPA 8260C	02/12/2019 07:30	02/12/2019 20:34	RDS
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,NELAC-NY1		
106-43-4	4-Chlorotoluene	ND		ug/L	2.5	5.0	1	EPA 8260C	02/12/2019 07:30	02/12/2019 20:34	RDS
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,NELAC-NY1		
108-86-1	Bromobenzene	ND		ug/L	2.5	5.0	1	EPA 8260C	02/12/2019 07:30	02/12/2019 20:34	RDS
								Certifications:	NELAC-NY10854,NJDEP,NELAC-NY12058,PAI		
74-97-5	Bromochloromethane	ND		ug/L	2.5	5.0	1	EPA 8260C	02/12/2019 07:30	02/12/2019 20:34	RDS
								Certifications:	NELAC-NY10854,NJDEP,NELAC-NY12058,PAI		
75-27-4	Bromodichloromethane	ND		ug/L	2.5	5.0	1	EPA 8260C	02/12/2019 07:30	02/12/2019 20:34	RDS
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,NELAC-NY1		
75-25-2	Bromoform	ND		ug/L	2.5	5.0	1	EPA 8260C	02/12/2019 07:30	02/12/2019 20:34	RDS
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,NELAC-NY1		
74-83-9	Bromomethane	ND		ug/L	2.5	5.0	1	EPA 8260C	02/12/2019 07:30	02/12/2019 20:34	RDS
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,NELAC-NY1		
56-23-5	Carbon tetrachloride	ND		ug/L	2.5	5.0	1	EPA 8260C	02/12/2019 07:30	02/12/2019 20:34	RDS
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,NELAC-NY1		
108-90-7	Chlorobenzene	ND		ug/L	2.5	5.0	1	EPA 8260C	02/12/2019 07:30	02/12/2019 20:34	RDS
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,NELAC-NY1		
75-00-3	Chloroethane	ND		ug/L	2.5	5.0	1	EPA 8260C	02/12/2019 07:30	02/12/2019 20:34	RDS
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,NELAC-NY1		
67-66-3	Chloroform	ND		ug/L	2.5	5.0	1	EPA 8260C	02/12/2019 07:30	02/12/2019 20:34	RDS
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,NELAC-NY1		
74-87-3	Chloromethane	ND		ug/L	2.5	5.0	1	EPA 8260C	02/12/2019 07:30	02/12/2019 20:34	RDS
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,NELAC-NY1		
156-59-2	cis-1,2-Dichloroethylene	ND		ug/L	2.5	5.0	1	EPA 8260C	02/12/2019 07:30	02/12/2019 20:34	RDS
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,NELAC-NY1		
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	2.5	5.0	1	EPA 8260C	02/12/2019 07:30	02/12/2019 20:34	RDS
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,NELAC-NY1		

Sample Information

Client Sample ID: MW-3D @ 935 **York Sample ID:** 19B0192-06

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
19B0192	Village of Mamaroneck	Water	February 5, 2019 9:35 am	02/06/2019

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
124-48-1	Dibromochloromethane	ND		ug/L	2.5	5.0	1	EPA 8260C	02/12/2019 07:30	02/12/2019 20:34	RDS
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,NELAC-NY1		
74-95-3	Dibromomethane	ND		ug/L	2.5	5.0	1	EPA 8260C	02/12/2019 07:30	02/12/2019 20:34	RDS
								Certifications:	NELAC-NY10854,NJDEP,NELAC-NY12058,PAI		
75-71-8	Dichlorodifluoromethane	ND		ug/L	2.5	5.0	1	EPA 8260C	02/12/2019 07:30	02/12/2019 20:34	RDS
								Certifications:	NELAC-NY10854,NJDEP,NELAC-NY12058,PAI		
87-68-3	Hexachlorobutadiene	ND		ug/L	2.5	5.0	1	EPA 8260C	02/12/2019 07:30	02/12/2019 20:34	RDS
								Certifications:	NELAC-NY10854,NJDEP,NELAC-NY12058,PAI		
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	2.5	5.0	1	EPA 8260C	02/12/2019 07:30	02/12/2019 20:34	RDS
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,NELAC-NY1		
75-09-2	Methylene chloride	ND		ug/L	2.5	10	1	EPA 8260C	02/12/2019 07:30	02/12/2019 20:34	RDS
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,NELAC-NY1		
98-06-6	tert-Butylbenzene	ND		ug/L	2.5	5.0	1	EPA 8260C	02/12/2019 07:30	02/12/2019 20:34	RDS
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,NELAC-NY1		
127-18-4	Tetrachloroethylene	ND		ug/L	2.5	5.0	1	EPA 8260C	02/12/2019 07:30	02/12/2019 20:34	RDS
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,NELAC-NY1		
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	2.5	5.0	1	EPA 8260C	02/12/2019 07:30	02/12/2019 20:34	RDS
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,NELAC-NY1		
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	2.5	5.0	1	EPA 8260C	02/12/2019 07:30	02/12/2019 20:34	RDS
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,NELAC-NY1		
79-01-6	Trichloroethylene	ND		ug/L	2.5	5.0	1	EPA 8260C	02/12/2019 07:30	02/12/2019 20:34	RDS
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,NELAC-NY1		
75-69-4	Trichlorofluoromethane	ND		ug/L	2.5	5.0	1	EPA 8260C	02/12/2019 07:30	02/12/2019 20:34	RDS
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,NELAC-NY1		
75-01-4	Vinyl Chloride	ND		ug/L	2.5	5.0	1	EPA 8260C	02/12/2019 07:30	02/12/2019 20:34	RDS
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,NELAC-NY1		

	Surrogate Recoveries	Result		Acceptance Range
17060-07-0	*Surrogate: SURR: 1,2-Dichloroethane-d4*	*105 %*		*69-130*
2037-26-5	*Surrogate: SURR: Toluene-d8*	*97.6 %*		*81-117*
460-00-4	*Surrogate: SURR: p-Bromofluorobenzene*	*124 %*	S-HI	*79-122*

Volatile Organics, tert-Butyl Alcohol

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
75-65-0	tert-Butyl alcohol (TBA)	ND		ug/L	0.50	2.5	1	EPA 8260C	02/12/2019 07:30	02/12/2019 20:34	RDS
								Certifications:	NELAC-NY10854,NJDEP,NELAC-NY12058,PAI		

	Surrogate Recoveries	Result		Acceptance Range
17060-07-0	*Surrogate: SURR: 1,2-Dichloroethane-d4*	*105 %*		*69-130*
460-00-4	*Surrogate: SURR: p-Bromofluorobenzene*	*124 %*	S-HI	*79-122*

Sample Information

Client Sample ID: **MW-3D @ 935** **York Sample ID:** **19B0192-06**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
19B0192	Village of Mamaroneck	Water	February 5, 2019 9:35 am	02/06/2019

Volatile Organics, tert-Butyl Alcohol

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
2037-26-5	*Surrogate: SURR: Toluene-d8*	*97.6 %*			*81-117*						

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	02/11/2019 14:41	02/13/2019 21:19	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

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	02/11/2019 14:41	02/13/2019 21:19	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

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**	**0.0255**		mg/L	0.0222	1	EPA 6010D	02/11/2019 14:41	02/13/2019 21:19	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

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	02/11/2019 14:41	02/13/2019 21:19	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

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**	**0.0289**		mg/L	0.0278	1	EPA 6010D	02/11/2019 14:41	02/13/2019 21:19	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

Mercury by 7473

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 7473 water

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	0.00020	1	EPA 7473	02/08/2019 12:07	02/08/2019 19:49	SY
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

Sample Information

Client Sample ID: TB-01 **York Sample ID:** 19B0192-07

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
19B0192	Village of Mamaroneck	Water	February 5, 2019 12:00 am	02/06/2019

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	02/12/2019 07:30	02/12/2019 21:03	RDS
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,NELAC-NY1		
71-55-6	1,1,1-Trichloroethane	ND		ug/L	2.5	5.0	1	EPA 8260C	02/12/2019 07:30	02/12/2019 21:03	RDS
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,NELAC-NY1		
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	2.5	5.0	1	EPA 8260C	02/12/2019 07:30	02/12/2019 21:03	RDS
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,NELAC-NY1		
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/L	2.5	5.0	1	EPA 8260C	02/12/2019 07:30	02/12/2019 21:03	RDS
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,NELAC-NY1		
79-00-5	1,1,2-Trichloroethane	ND		ug/L	2.5	5.0	1	EPA 8260C	02/12/2019 07:30	02/12/2019 21:03	RDS
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,NELAC-NY1		
75-34-3	1,1-Dichloroethane	ND		ug/L	2.5	5.0	1	EPA 8260C	02/12/2019 07:30	02/12/2019 21:03	RDS
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,NELAC-NY1		
75-35-4	1,1-Dichloroethylene	ND		ug/L	2.5	5.0	1	EPA 8260C	02/12/2019 07:30	02/12/2019 21:03	RDS
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,NELAC-NY1		
563-58-6	1,1-Dichloropropylene	ND		ug/L	2.5	5.0	1	EPA 8260C	02/12/2019 07:30	02/12/2019 21:03	RDS
								Certifications:	NELAC-NY10854,NJDEP,NELAC-NY12058		
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	2.5	5.0	1	EPA 8260C	02/12/2019 07:30	02/12/2019 21:03	RDS
								Certifications:	NELAC-NY10854,NJDEP,NELAC-NY12058,PAI		
96-18-4	1,2,3-Trichloropropane	ND		ug/L	2.5	5.0	1	EPA 8260C	02/12/2019 07:30	02/12/2019 21:03	RDS
								Certifications:	NELAC-NY10854,NJDEP,NELAC-NY12058,PAI		
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	2.5	5.0	1	EPA 8260C	02/12/2019 07:30	02/12/2019 21:03	RDS
								Certifications:	NELAC-NY10854,NJDEP,NELAC-NY12058,PAI		
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	2.5	5.0	1	EPA 8260C	02/12/2019 07:30	02/12/2019 21:03	RDS
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,NELAC-NY1		
106-93-4	1,2-Dibromoethane	ND		ug/L	2.5	5.0	1	EPA 8260C	02/12/2019 07:30	02/12/2019 21:03	RDS
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,NELAC-NY1		
95-50-1	1,2-Dichlorobenzene	ND		ug/L	2.5	5.0	1	EPA 8260C	02/12/2019 07:30	02/12/2019 21:03	RDS
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,NELAC-NY1		
107-06-2	1,2-Dichloroethane	ND		ug/L	2.5	5.0	1	EPA 8260C	02/12/2019 07:30	02/12/2019 21:03	RDS
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,NELAC-NY1		
78-87-5	1,2-Dichloropropane	ND		ug/L	2.5	5.0	1	EPA 8260C	02/12/2019 07:30	02/12/2019 21:03	RDS
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,NELAC-NY1		
541-73-1	1,3-Dichlorobenzene	ND		ug/L	2.5	5.0	1	EPA 8260C	02/12/2019 07:30	02/12/2019 21:03	RDS
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,NELAC-NY1		
142-28-9	1,3-Dichloropropane	ND		ug/L	2.5	5.0	1	EPA 8260C	02/12/2019 07:30	02/12/2019 21:03	RDS
								Certifications:	NELAC-NY10854,NJDEP,NELAC-NY12058,PAI		
106-46-7	1,4-Dichlorobenzene	ND		ug/L	2.5	5.0	1	EPA 8260C	02/12/2019 07:30	02/12/2019 21:03	RDS
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,NELAC-NY1		
594-20-7	2,2-Dichloropropane	ND		ug/L	2.5	5.0	1	EPA 8260C	02/12/2019 07:30	02/12/2019 21:03	RDS
								Certifications:	NELAC-NY10854,NJDEP,NELAC-NY12058,PAI		
95-49-8	2-Chlorotoluene	ND		ug/L	2.5	5.0	1	EPA 8260C	02/12/2019 07:30	02/12/2019 21:03	RDS
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,NELAC-NY1		

Sample Information

Client Sample ID: TB-01 **York Sample ID:** 19B0192-07

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
19B0192	Village of Mamaroneck	Water	February 5, 2019 12:00 am	02/06/2019

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
106-43-4	4-Chlorotoluene	ND		ug/L	2.5	5.0	1	EPA 8260C	02/12/2019 07:30	02/12/2019 21:03	RDS
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,NELAC-NY1		
108-86-1	Bromobenzene	ND		ug/L	2.5	5.0	1	EPA 8260C	02/12/2019 07:30	02/12/2019 21:03	RDS
								Certifications:	NELAC-NY10854,NJDEP,NELAC-NY12058,PAI		
74-97-5	Bromochloromethane	ND		ug/L	2.5	5.0	1	EPA 8260C	02/12/2019 07:30	02/12/2019 21:03	RDS
								Certifications:	NELAC-NY10854,NJDEP,NELAC-NY12058,PAI		
75-27-4	Bromodichloromethane	ND		ug/L	2.5	5.0	1	EPA 8260C	02/12/2019 07:30	02/12/2019 21:03	RDS
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,NELAC-NY1		
75-25-2	Bromoform	ND		ug/L	2.5	5.0	1	EPA 8260C	02/12/2019 07:30	02/12/2019 21:03	RDS
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,NELAC-NY1		
74-83-9	Bromomethane	ND		ug/L	2.5	5.0	1	EPA 8260C	02/12/2019 07:30	02/12/2019 21:03	RDS
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,NELAC-NY1		
56-23-5	Carbon tetrachloride	ND		ug/L	2.5	5.0	1	EPA 8260C	02/12/2019 07:30	02/12/2019 21:03	RDS
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,NELAC-NY1		
108-90-7	Chlorobenzene	ND		ug/L	2.5	5.0	1	EPA 8260C	02/12/2019 07:30	02/12/2019 21:03	RDS
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,NELAC-NY1		
75-00-3	Chloroethane	ND		ug/L	2.5	5.0	1	EPA 8260C	02/12/2019 07:30	02/12/2019 21:03	RDS
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,NELAC-NY1		
67-66-3	Chloroform	ND		ug/L	2.5	5.0	1	EPA 8260C	02/12/2019 07:30	02/12/2019 21:03	RDS
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,NELAC-NY1		
74-87-3	Chloromethane	ND		ug/L	2.5	5.0	1	EPA 8260C	02/12/2019 07:30	02/12/2019 21:03	RDS
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,NELAC-NY1		
156-59-2	cis-1,2-Dichloroethylene	ND		ug/L	2.5	5.0	1	EPA 8260C	02/12/2019 07:30	02/12/2019 21:03	RDS
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,NELAC-NY1		
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	2.5	5.0	1	EPA 8260C	02/12/2019 07:30	02/12/2019 21:03	RDS
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,NELAC-NY1		
124-48-1	Dibromochloromethane	ND		ug/L	2.5	5.0	1	EPA 8260C	02/12/2019 07:30	02/12/2019 21:03	RDS
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,NELAC-NY1		
74-95-3	Dibromomethane	ND		ug/L	2.5	5.0	1	EPA 8260C	02/12/2019 07:30	02/12/2019 21:03	RDS
								Certifications:	NELAC-NY10854,NJDEP,NELAC-NY12058,PAI		
75-71-8	Dichlorodifluoromethane	ND		ug/L	2.5	5.0	1	EPA 8260C	02/12/2019 07:30	02/12/2019 21:03	RDS
								Certifications:	NELAC-NY10854,NJDEP,NELAC-NY12058,PAI		
87-68-3	Hexachlorobutadiene	ND		ug/L	2.5	5.0	1	EPA 8260C	02/12/2019 07:30	02/12/2019 21:03	RDS
								Certifications:	NELAC-NY10854,NJDEP,NELAC-NY12058,PAI		
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	2.5	5.0	1	EPA 8260C	02/12/2019 07:30	02/12/2019 21:03	RDS
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,NELAC-NY1		
75-09-2	Methylene chloride	ND		ug/L	2.5	10	1	EPA 8260C	02/12/2019 07:30	02/12/2019 21:03	RDS
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,NELAC-NY1		
98-06-6	tert-Butylbenzene	ND		ug/L	2.5	5.0	1	EPA 8260C	02/12/2019 07:30	02/12/2019 21:03	RDS
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,NELAC-NY1		
127-18-4	Tetrachloroethylene	ND		ug/L	2.5	5.0	1	EPA 8260C	02/12/2019 07:30	02/12/2019 21:03	RDS
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,NELAC-NY1		

Sample Information

Client Sample ID: TB-01 **York Sample ID:** 19B0192-07

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
19B0192	Village of Mamaroneck	Water	February 5, 2019 12:00 am	02/06/2019

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
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	2.5	5.0	1	EPA 8260C	02/12/2019 07:30	02/12/2019 21:03	RDS
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,NELAC-NY1		
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	2.5	5.0	1	EPA 8260C	02/12/2019 07:30	02/12/2019 21:03	RDS
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,NELAC-NY1		
79-01-6	Trichloroethylene	ND		ug/L	2.5	5.0	1	EPA 8260C	02/12/2019 07:30	02/12/2019 21:03	RDS
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,NELAC-NY1		
75-69-4	Trichlorofluoromethane	ND		ug/L	2.5	5.0	1	EPA 8260C	02/12/2019 07:30	02/12/2019 21:03	RDS
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,NELAC-NY1		
75-01-4	Vinyl Chloride	ND		ug/L	2.5	5.0	1	EPA 8260C	02/12/2019 07:30	02/12/2019 21:03	RDS
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,NELAC-NY1		

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: SURR: 1,2-Dichloroethane-d4*	*97.1 %*	*69-130*
2037-26-5	*Surrogate: SURR: Toluene-d8*	*89.2 %*	*81-117*
460-00-4	*Surrogate: SURR: p-Bromofluorobenzene*	*120 %*	*79-122*

Volatile Organics, tert-Butyl Alcohol

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
75-65-0	tert-Butyl alcohol (TBA)	ND		ug/L	0.50	2.5	1	EPA 8260C	02/12/2019 07:30	02/12/2019 21:03	RDS
								Certifications:	NELAC-NY10854,NJDEP,NELAC-NY12058,PAI		

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: SURR: 1,2-Dichloroethane-d4*	*97.1 %*	*69-130*
460-00-4	*Surrogate: SURR: p-Bromofluorobenzene*	*120 %*	*79-122*
2037-26-5	*Surrogate: SURR: Toluene-d8*	*89.2 %*	*81-117*

Volatile Analysis Sample Containers

Lab ID	Client Sample ID	Volatile Sample Container
19B0192-01	MW-1S @ 1105	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C
19B0192-02	MW-1D @ 1110	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C
19B0192-03	MW-2S @ 1020	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C
19B0192-04	MW-2D @ 1023	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C
19B0192-05	MW-3S @ 932	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C
19B0192-06	MW-3D @ 935	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C
19B0192-07	TB-01	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C

Sample and Data Qualifiers Relating to This Work Order

S-HI	Surrogate recovery is above acceptance limits. No target compound is detected in sample.
SCAL-E	The value reported is ESTIMATED. The value is estimated due to its behavior during initial calibration (average Rf>20%).
QR-02	The RPD result exceeded the QC control limits; however, both percent recoveries were acceptable. Sample results for the QC batch were accepted based on percent recoveries and completeness of QC data.
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-CRL	The RL check for this element recovered outside of control limits.
J	Detected below the Reporting Limit but greater than or equal to the Method Detection Limit (MDL/LOD) or in the case of a TIC, the result is an estimated concentration.
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
132-02 89th Ave, Queens, NY 11418
clientservices@yorklab.com
www.yorklab.com

Field Chain-of-Custody Record

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.

YORK Project No. 19B0192

Page 1 of 1

YOUR Information	Report To:	Invoice To:	YOUR Project Number
Company: Zion Environmental	Company: Same	Company: Same	Village of Mamaroneck
Address: PO Box 162, Otisville NY 10963	Address:	Address:	YOUR Project Name
Phone: 845 649 9346	Phone:	Phone:	
Contact: Brian Nichols	Contact:	Contact:	
E-mail:	E-mail:	E-mail:	YOUR PO#:

Turn-Around Time
- RUSH - Next Day
- RUSH - Two Day
- RUSH - Three Day
- RUSH - Four Day
- **Standard (5-7 Day)** X

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.

[signature]

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	(New York)	Summary Report	CT RCP	(Standard Excel EDD)	Compared to the following Regulation(s): (please fill in)
(GW - groundwater)	New Jersey	QA Report	CT RCP DQA/DUE	EQuIS (Standard)	
DW - drinking water	Connecticut	NY ASP A Package	NJDEP Reduced Deliverables	NYSDEC EQuIS	
WW - wastewater	Pennsylvania	NY ASP B Package	NJDKQP	NJDEP SRP HazSite	
O - Oil / Other	Other			Other:	

Sample Identification	Sample Matrix	Date/Time Sampled	Analysis Requested Each well	Container Description
MW-1S @ 1105	GW	2/5/19 @ 1105	Arsenic, Cadmium, Copper, Lead, Zinc by EPA 6010	1 Plastic/3 voas
MW-1D @ 1110	GW	2/5/19 @ 1110	by EPA Method SW846 6010B	↓
MW-2S @ 1020	GW	2/5/19 @ 1020	Mercury by 7470/7471 by EPA method SW846-7470	↓
MW-2D @ 1023	GW	2/5/19 @ 1023	Volatile Organics, 8260 (custom list) w/TBA	↓
MW-3S @ 932	GW	2/5/19 @ 932	MTBE, Tert-butyl Alcohol, and Tert-butylbenzene	↓
MW-3D @ 935	GW	2/5/19 @ 935		↓
TB-01 @ ———	LAB DI	———		3 voa's

Comments:

Preservation: (check all that apply)
HCl ___ MeOH ___ HNO_3 ___ H_2SO_4 ___ NaOH ___ ZnAc ___
Ascorbic Acid ___ Other: ___

Special Instruction
Field Filtered ___
Lab to Filter ___

Samples Relinquished by / Company	Date/Time	Samples Received by / Company	Date/Time	Samples Relinquished by / Company	Date/Time
Brian Nichols, Zion Environmental, LLC	2/5/19 @ 1400				
Samples Received by / Company	Date/Time	Samples Relinquished by / Company	Date/Time	Samples Received by / Company	Date/Time
Samples Relinquished by / Company	Date/Time	Samples Received by / Company	Date/Time	Samples Received in LAB by / Date/Time	Temp. Received at Lab
				[signature] 2-6-19 9:39	1.8 Degrees C

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
February 5, 2019

GAS VENT MONITORING						
Gas Vent (GV) #	PID (ppm)	CH4 (%)	CO2 (%)	O2 (%)	Balance (%)	Remarks
1	0.0	0.0	3.3	16.6	80.1	
2	0.0	0.0	2.0	15.8	82.2	
3	0.0	0.0	2.5	16.5	81.0	
4	0.0	0.7	7.1	6.3	85.9	
5	0.0	3.6	9.4	1.5	85.5	Slight methane odors around vent
6	0.0	0.0	0.8	17.7	81.5	
7	0.0	0.0	2.2	16.8	81.0	
8	0.0	0.0	2.7	16.2	81.1	

BAR HOLE MONITORING						
Bar Hole (BH) #	PID (ppm)	CH4 (%)	CO2 (%)	O2 (%)	Balance (%)	Remarks
1	0.0	0.0	0.0	17.1	82.9	
2	0.0	0.0	0.0	17.5	82.5	
3	0.0	0.0	0.2	17.0	82.8	
4	0.0	0.0	0.6	17.6	81.8	
5	0.0	0.0	0.0	18.5	81.5	
6	0.0	0.0	0.0	18.4	81.6	
7	0.0	0.0	0.3	18.0	81.7	
8	0.0	0.0	0.5	18.3	81.2	
9	0.0	0.0	0.4	17.8	81.8	
10	0.0	0.0	0.0	18.5	81.5	
11	0.0	0.0	0.6	18.6	80.8	
12	0.0	0.0	0.0	17.9	82.1	
13	0.0	0.0	0.2	18.4	80.8	

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

ZION ENVIRONMENTAL, LLC.

Attachment 4

Field Data Sheet

TAYLOR LANE, MAMARONECK - FIELD DATA - 02/05/2019

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	2.17	2.45	19.17	19.44	15.83
1D	18.99	2"	PVC	2.82	3.11	65.52	65.78	15.88
2S	16.71	2"	PVC	1.66	2.01	16.30	16.65	14.70
2D	17.05	2"	PVC	1.27	1.58	68.06	68.34	15.47
3S	13.35	2"	PVC	2.71	3.04	21.08	21.41	10.31
3D	13.25	2"	PVC	3.00	3.25	31.31	31.52	10.00

Water Quality Parameters

MW #	Sampling Time	Gallons Purged	pH (SU)	Conductivity (mS/cm2)	Temp. (oC)	ORP (mv)	Turbidity (NTU)
1S	1105	10	7.91	1421	11.0	-105.3	69.5
1D	1110	20	8.26	1061	12.1	-118.6	59.4
2S	1020	8	7.97	1107	10.6	-103.7	22.4
2D	1023	22	8.41	1091	11.0	-127.4	7.82
3S	932	10	7.13	1116	10.4	-60.4	67.7
3D	935	15	7.38	1104	10.8	-71.8	6.68

Well Notes For Sampling

1S	Clear, no odors
1D	Clear, no odors
2S	Clear, no odors, small orange particles
2D	Clear, no odors ****Bottom of protective casing rotted out****
3S	Clear, no odors, orange tint
3D	Clear, no odors

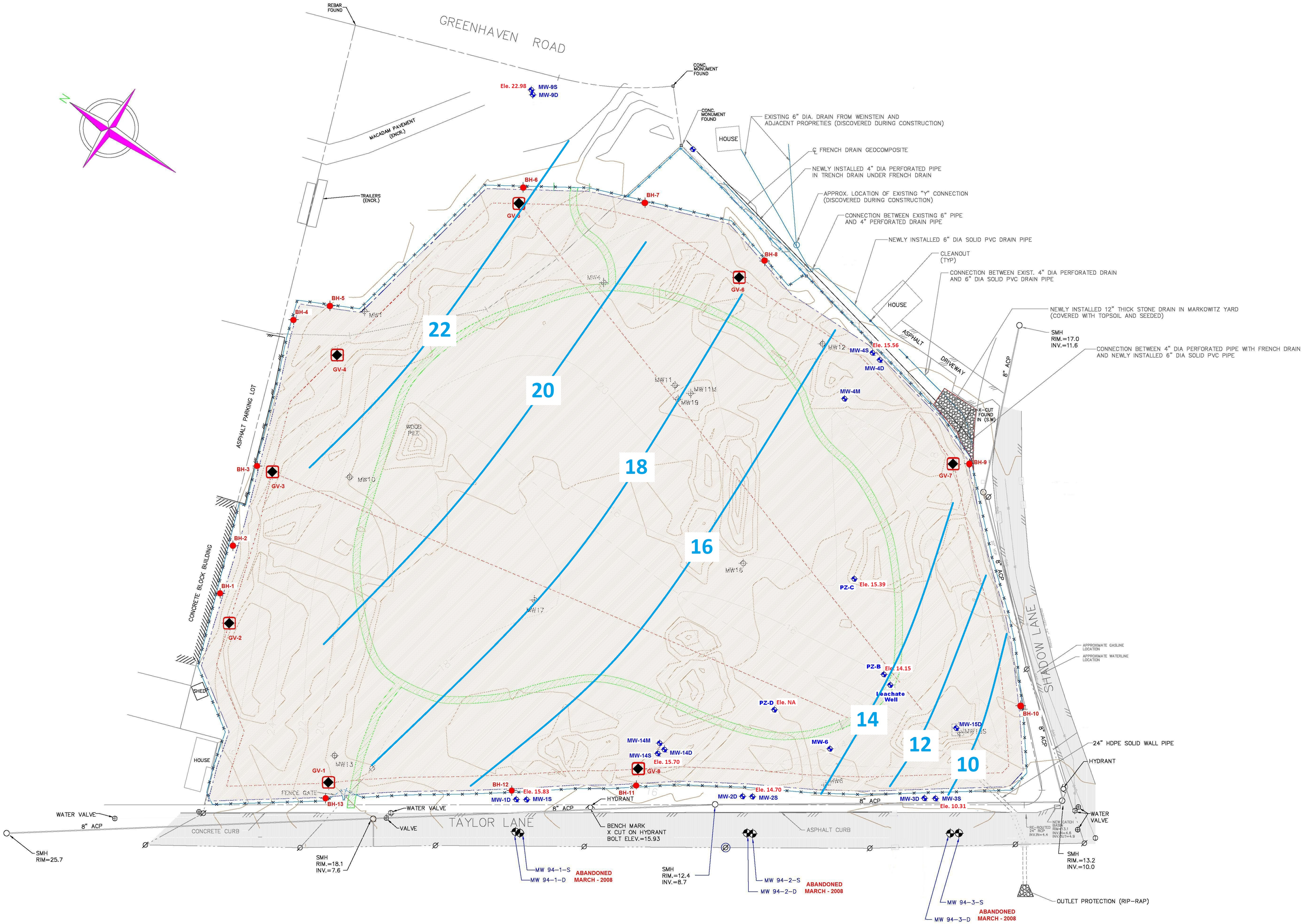
Water Levels and Elevations

ID	Elevation	Size	Type	TPVC	TOC	BPVC	BOC	ELEVATION
14D	18.78	2"	Metal	1.51	1.91	79.05	79.45	16.87
14S	18.39	2"	Metal	2.76	2.69	15.30	15.24	15.70
14M	18.67	2"	Metal	2.90	2.90	30.05	30.22	15.77
15D	17.23	2"	Metal	2.90	3.51	38.25	38.83	13.72
4D	18.5	2"	PVC	2.34	3.17	16.87	17.84	15.33
4S	17.66	2"	PVC	1.73	2.10	12.47	12.73	15.56
4M	20.53		Metal	2.76	3.57	18.49	19.27	16.96
9D	32.85	4"	Metal	10.82	11.39	69.41	70.18	21.46
9S	32.61	2"	Metal	9.42	9.63	18.49	18.69	22.98
#2-PZ-A	19.04	2"	PVC	NA	NA	14.63	14.81	NA
#1-PZ-B	17.22	2"	PVC	2.91	3.07	14.63	14.81	14.15
#3-PZ-C	19.33	2"	PVC	3.82	3.94	15.27	15.42	15.39
PZ-D	17.49	2"	PVC	Damaged		7.18	7.20	17.49
LEACH	17.03	14"	Metal	NO PVC	5.50	NA	16.55	11.53
MW-6	14.97	6"	PVC	PVC Cap Stuck	N/A			

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



LEGEND

SMH	=	SANITARY SEWER MANHOLE
CB	=	CATCH BASIN
FI	=	FLAT GRATE
RCP	=	REINFORCED CONCRETE PIPE
ACP	=	ASBESTOS CEMENT PIPE
CMP	=	CORRUGATED METAL PIPE
VCP	=	VITRIFIED CLAY PIPE
SP	=	STEEL PIPE
MW-1S	=	MONITORING WELL
S.W.	=	STONE WALL
	=	VEGETATIVE DEBRIS PILE
U.P.	=	UTILITY POLE
	=	PROPERTY LINE
15	=	SHALLOW GROUNDWATER CONTOUR
	=	GAS VENTING PIPE
	=	CONTOUR
	=	LIMIT OF FINAL COVER
	=	GAS VENT
	=	MONITRORING WELL ABANDONED (TYP)
	=	BAR HOLE PUNCH (TYP)
	=	FENCE AROUNG GAS/MONITORING WELL (TYP)
	=	FINAL COVER AREA
	=	WALK TRAIL

NOTES:

1. NORTH REFERENCE IS BASED ON FILE MAP #3107.
2. BOUNDARY INFORMATION SHOWN HEREON IS AS TAKEN FROM A FIELD SURVEY PERFORMED BY WEHRAN ENGINEERING IN APRIL OF 1994.
3. TOPOGRAPHIC IMFORMATION SHOWN HEREON IS BASED UPON A GROUND SURVEY PERFORMED BY CONTRACTOR'S LINE & GRADE SOUTH OF BEDFORD HILLS NEW YORK, DATED OCT. 24, 1995 (REVISED MAY 6, 1996)
4. VERTICAL DATUM BASED ON U.S.G.S. MEAN SEA LEVEL DATUM OF 1929.
5. EASEMENTS OR RIGHT-OF-WAYS ON, OR UNDER THE LANDS, AND NOT VISIBLE, ARE NOT SHOWN.
6. GRID COORDINATES SHOWN HEREON ARE BASED UPON NEW YORK STATE PLANE COORDINATE SYSTEM.
7. FINAL COVER DRAINAGE PIPES LIE ALONG THE SAME ALIGNMENT AS THE TRIANGULAR DRAINAGE CHANNELS.
8. DRAINAGE INFORMATION FOR WEINSTEIN PROPERTY OBTAINED FROM OWNER AND FIELD VERIFIED BY MEASUREMENTS FROM EXISTING FEATURES.

MAP REFERENCE :

1. "REVISED MAP OF FIRST ADDITION TO GREENHAVEN", AS FILED ON 2/5/27. IN WESTCHESTER COUNTY CLERK'S OFFICE AS MAP #3107.
2. "MAP #4204", AS FILED ON 11/16/35. IN WESTCHESTER COUNTY CLERK'S OFFICE.

REV	DATE	DESCRIPTION	DWN BY	DES BY	CHK BY	APP BY
1	3/26/11	ADDED CONTOURS AND NEW BORDER	BN	BN	TP	AC

DATE OF ISSUE 3/27/2011 — DWN BY BN — DES BY BN — CHK BY TP — APP BY AC

ZION ENVIRONMENTAL, LLC.

VILLAGE OF MAMARONECK
TAYLOR'S LANE COMPOST SITE
TOWN OF RYE, WESTCHESTER, NEW YORK
FEBRUARY 5, 2019
SITE MAP WITH
SHALLOW GROUNDWATER FLOW CONTOURS

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

1" 1/2" 0" 1"