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"QUALITY SERVICE AT AN HONEST PRICE"

September 15, 2011
Project No. 14-PSA-001

Mr. Edward Moore, Project Manager
NYS Department of Environmental Conservation
Region 3
21 South Putt Corners Road
New Paltz, NY 12561.

Re: August 2011 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 August 2, 2011. 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 August 2, 2011. Historically the 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.

Due to the high turbidity during the purging of the wells along Taylor Lane, wells MW-1S, MW-1D, MW-2S, MW-2D, MW-3S and MW-3D were re-developed and allowed to recharge prior to the sampling of the wells. The information during the process of re-development and the amount that was purged for each well can be found in the field data sheets provided in Attachment 5.

The collected samples were packed in ice, picked up by a York Laboratory courier and transported to the lab the day of the sampling event. The samples were analyzed for metals (arsenic, cadmium, copper, lead, mercury and zinc), as well as for chlorinated 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 are 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 provided in Attachment 4.

Landfill Gas Vent and Bar Hole Monitoring

Landfill gas vent monitoring was also performed on August 2, 2011. 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 BH13) 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 August 2011 groundwater analytical data indicated that inorganic constituent lead was detected at concentrations above the New York State Department of Conservation (NYSDEC) Part 703 Groundwater Standard. The analytical results found lead at concentrations above the NYSDEC standard in wells MW-1S at 1,550ug/l and MW-2S at 56.3ug/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.

Methylene chloride was detected in all six wells including the trip blank. All six wells and the trip blank were reported with 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

B flag (Analyte is found in the associated analysis batch blank.). It is therefore interpreted that the methylene chloride is not present in the monitoring wells, but instead a laboratory artifact.

Methyl tert-butyl ether (MTBE) was detected in the groundwater samples collected from MW-2S, MW-2D and MW-3S. MTBE was only detected at a concentration greater than the NYSDEC Part 703 groundwater guidance values of 10ug/l at well MW-2S at a concentration of 16ug/l.

Tert-butyl alcohol was detected at a concentration greater than the NYSDEC Part 703 groundwater guidance values of 20ug/l at well MW-2S at a concentration of 37ug/l.

Tert-butyl benzene was detected in the groundwater samples collected from MW-1S at 0.89 ug/l and was reported with 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 benzene and tert-butyl alcohol 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.

Vinyl chloride was detected in the groundwater samples collected from MW-2S at 2.5ug/l and was reported with J flag (Detected below the Reporting Limit but greater than or equal to the Method Detection Limit; therefore, the result is an estimated concentration.). Vinyl chloride was detected at a concentration greater than the NYSDEC Part 703 groundwater guidance values of 2ug/l.

Chloroform was detected in the groundwater samples collected from wells MW-1S at 0.66ug/l and MW-3D at 0.50ug/l and both were reported with J flag (Detected below the Reporting Limit but greater than or equal to the Method Detection Limit; therefore, the result is an estimated concentration.). These chloroform detections are also possible laboratory artifacts.

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.

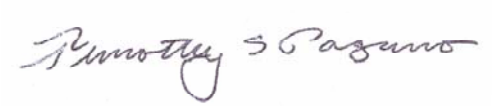
Gas Vent and Bar Hole Monitoring Results

As shown in the photoionization detection (PID) readings, volatile organic vapors were not detected (non-detect) in any of the gas vents or perimeter bar hole monitoring location PID readings during the August 2011 sampling event. Methane was detected at GV-4 at concentrations of 10.4% methane gas, GV-5 at concentrations of 24.6% methane gas and at GV-8 at concentrations of 0.6% methane gas.

Gas vent and bar hole locations are depicted on Drawing 1. Results for the August 2011 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 Mr. Nichols at 845-649-9346.

Sincerely,



Brian Nichols,
Vice President - CPM

Timothy S. Pagano, PG, 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 Sheets
Attachment 5 – Drawing No. 1

cc: Mr. Richard Slingerland, 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

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Table 1
Summary of Inorganic Parameters
Taylors Lance 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

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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

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Village of Mamaroneck

Analytical Parameter	Sampling Date	MW-1S	MW-1D	MW-2S	MW-2D	MW-3S	MW-3D
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

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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

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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

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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

U - Analyte was analyzed for, but not detected

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

Table – 2

Summary of Volatile Organic Compounds

ATTACHMENT 1

Table 2
Summary of Volatile Organic Compounds
Taylor 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
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
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**	**37.0**	5.0 U	5.0 U	5.0 U

ATTACHMENT 1

Table 2
Summary of Volatile Organic Compounds
Taylor 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
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
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

U - Compound not detected.
J - Estimated value, less than detection limit.
E - Concentrations exceed the calibration range.
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 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

Notes:
(µS): Units of Conductivity (micro Siemens)

ATTACHMENT 1

Table 3
Summary of Field Parameters
Village of Mamaroneck
Taylor 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

Notes:
(µS): Units of Conductivity (micro Siemens)

ATTACHMENT 1

Table 3
Summary of Field Parameters
Village of Mamaroneck
Taylor 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

Notes:
(µS): Units of Conductivity (micro Siemens)

ATTACHMENT 1

Table 3
Summary of Field Parameters
Village of Mamaroneck
Taylor 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

Notes:
(µS): Units of Conductivity (micro Siemens)

ATTACHMENT 1

Table 3
Summary of Field Parameters
Village of Mamaroneck
Taylor 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

Notes:
(µS): Units of Conductivity (micro Siemens)

ATTACHMENT 1

Table 3
Summary of Field Parameters
Village of Mamaroneck
Taylor 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

Notes:
(µS): Units of Conductivity (micro Siemens)

Attachment 2

Laboratory Results

YORK
ANALYTICAL LABORATORIES, INC.

Technical Report

prepared for:

Zion Environmental, LLC
172 Excelsior Avenue
Middletown NY, 10940
Attention: Brian Nichols

Report Date: 08/11/2011
Client Project ID: Village of Mamaroneck
York Project (SDG) No.: 11H0142

Report Date: 08/11/2011
Client Project ID: Village of Mamaroneck
York Project (SDG) No.: 11H0142

Zion Environmental, LLC
172 Excelsior Avenue
Middletown 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 August 02, 2011 and listed below. 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 Notes 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 attachment to 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
11H0142-01	MW-1D @ 1232	Water	08/02/2011	08/02/2011
11H0142-02	MW-1S @ 1310	Water	08/02/2011	08/02/2011
11H0142-03	MW-2D @ 1118	Water	08/02/2011	08/02/2011
11H0142-04	MW-2S @ 1145	Water	08/02/2011	08/02/2011
11H0142-05	MW-3D @ 1010	Water	08/02/2011	08/02/2011
11H0142-06	MW-3S @ 1021	Water	08/02/2011	08/02/2011
11H0142-07	Trip Blank	Water	08/02/2011	08/02/2011

General Notes for York Project (SDG) No.: 11H0142

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 samples were received in proper condition for analysis with proper documentation, unless otherwise noted.
6. All analyses conducted met method or Laboratory SOP requirements. See the Qualifiers and/or Narrative sections for further information.
7. It is noted that no analyses reported herein were subcontracted to another laboratory, unless noted in the report.
8. This report reflects results that relate only to the samples submitted on the attached chain-of-custody form(s) received by York.

Approved By:  **Date:** 08/11/2011

Robert Q. Bradley
Executive Vice President / Laboratory Director

YORK

Sample Information

Client Sample ID: **MW-1D @ 1232** **York Sample ID:** **11H0142-01**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
11H0142	Village of Mamaroneck	Water	August 2, 2011 12:32 pm	08/02/2011

Volatile Organics, 8260 List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/L	0.54	5.0	1	EPA SW846-8260B	08/10/2011 14:07	08/10/2011 14:07	SS
71-55-6	1,1,1-Trichloroethane	ND		ug/L	0.95	5.0	1	EPA SW846-8260B	08/10/2011 14:07	08/10/2011 14:07	SS
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.57	5.0	1	EPA SW846-8260B	08/10/2011 14:07	08/10/2011 14:07	SS
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/L	0.60	5.0	1	EPA SW846-8260B	08/10/2011 14:07	08/10/2011 14:07	SS
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.61	5.0	1	EPA SW846-8260B	08/10/2011 14:07	08/10/2011 14:07	SS
75-34-3	1,1-Dichloroethane	ND		ug/L	0.69	5.0	1	EPA SW846-8260B	08/10/2011 14:07	08/10/2011 14:07	SS
75-35-4	1,1-Dichloroethylene	ND		ug/L	1.3	5.0	1	EPA SW846-8260B	08/10/2011 14:07	08/10/2011 14:07	SS
563-58-6	1,1-Dichloropropylene	ND		ug/L	0.43	5.0	1	EPA SW846-8260B	08/10/2011 14:07	08/10/2011 14:07	SS
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	0.37	10	1	EPA SW846-8260B	08/10/2011 14:07	08/10/2011 14:07	SS
96-18-4	1,2,3-Trichloropropane	ND		ug/L	1.1	5.0	1	EPA SW846-8260B	08/10/2011 14:07	08/10/2011 14:07	SS
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.48	10	1	EPA SW846-8260B	08/10/2011 14:07	08/10/2011 14:07	SS
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	1.3	10	1	EPA SW846-8260B	08/10/2011 14:07	08/10/2011 14:07	SS
106-93-4	1,2-Dibromoethane	ND		ug/L	0.68	5.0	1	EPA SW846-8260B	08/10/2011 14:07	08/10/2011 14:07	SS
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.59	5.0	1	EPA SW846-8260B	08/10/2011 14:07	08/10/2011 14:07	SS
107-06-2	1,2-Dichloroethane	ND		ug/L	0.65	5.0	1	EPA SW846-8260B	08/10/2011 14:07	08/10/2011 14:07	SS
78-87-5	1,2-Dichloropropane	ND		ug/L	0.22	5.0	1	EPA SW846-8260B	08/10/2011 14:07	08/10/2011 14:07	SS
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.47	5.0	1	EPA SW846-8260B	08/10/2011 14:07	08/10/2011 14:07	SS
142-28-9	1,3-Dichloropropane	ND		ug/L	0.69	5.0	1	EPA SW846-8260B	08/10/2011 14:07	08/10/2011 14:07	SS
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.68	5.0	1	EPA SW846-8260B	08/10/2011 14:07	08/10/2011 14:07	SS
594-20-7	2,2-Dichloropropane	ND		ug/L	0.96	5.0	1	EPA SW846-8260B	08/10/2011 14:07	08/10/2011 14:07	SS
95-49-8	2-Chlorotoluene	ND		ug/L	0.49	5.0	1	EPA SW846-8260B	08/10/2011 14:07	08/10/2011 14:07	SS
106-43-4	4-Chlorotoluene	ND		ug/L	0.49	5.0	1	EPA SW846-8260B	08/10/2011 14:07	08/10/2011 14:07	SS
108-86-1	Bromobenzene	ND		ug/L	0.61	5.0	1	EPA SW846-8260B	08/10/2011 14:07	08/10/2011 14:07	SS
74-97-5	Bromochloromethane	ND		ug/L	1.3	5.0	1	EPA SW846-8260B	08/10/2011 14:07	08/10/2011 14:07	SS
75-27-4	Bromodichloromethane	ND		ug/L	0.62	5.0	1	EPA SW846-8260B	08/10/2011 14:07	08/10/2011 14:07	SS
75-25-2	Bromoform	ND		ug/L	0.58	5.0	1	EPA SW846-8260B	08/10/2011 14:07	08/10/2011 14:07	SS
74-83-9	Bromomethane	ND		ug/L	1.2	5.0	1	EPA SW846-8260B	08/10/2011 14:07	08/10/2011 14:07	SS
56-23-5	Carbon tetrachloride	ND		ug/L	1.0	5.0	1	EPA SW846-8260B	08/10/2011 14:07	08/10/2011 14:07	SS
108-90-7	Chlorobenzene	ND		ug/L	0.35	5.0	1	EPA SW846-8260B	08/10/2011 14:07	08/10/2011 14:07	SS
75-00-3	Chloroethane	ND		ug/L	0.76	5.0	1	EPA SW846-8260B	08/10/2011 14:07	08/10/2011 14:07	SS
67-66-3	Chloroform	ND		ug/L	0.36	5.0	1	EPA SW846-8260B	08/10/2011 14:07	08/10/2011 14:07	SS
74-87-3	Chloromethane	ND		ug/L	0.89	5.0	1	EPA SW846-8260B	08/10/2011 14:07	08/10/2011 14:07	SS
156-59-2	cis-1,2-Dichloroethylene	ND		ug/L	0.96	5.0	1	EPA SW846-8260B	08/10/2011 14:07	08/10/2011 14:07	SS
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.35	5.0	1	EPA SW846-8260B	08/10/2011 14:07	08/10/2011 14:07	SS

Sample Information

Client Sample ID: MW-1D @ 1232 **York Sample ID:** 11H0142-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
11H0142	Village of Mamaroneck	Water	August 2, 2011 12:32 pm	08/02/2011

Volatile Organics, 8260 List

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

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
124-48-1	Dibromochloromethane	ND		ug/L	0.67	5.0	1	EPA SW846-8260B	08/10/2011 14:07	08/10/2011 14:07	SS
74-95-3	Dibromomethane	ND		ug/L	1.3	5.0	1	EPA SW846-8260B	08/10/2011 14:07	08/10/2011 14:07	SS
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.83	5.0	1	EPA SW846-8260B	08/10/2011 14:07	08/10/2011 14:07	SS
87-68-3	Hexachlorobutadiene	ND		ug/L	0.43	5.0	1	EPA SW846-8260B	08/10/2011 14:07	08/10/2011 14:07	SS
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.38	5.0	1	EPA SW846-8260B	08/10/2011 14:07	08/10/2011 14:07	SS
75-09-2	**Methylene chloride**	**1.2**	J, B	ug/L	1.1	10	1	EPA SW846-8260B	08/10/2011 14:07	08/10/2011 14:07	SS
98-06-6	tert-Butylbenzene	ND		ug/L	0.46	5.0	1	EPA SW846-8260B	08/10/2011 14:07	08/10/2011 14:07	SS
127-18-4	Tetrachloroethylene	ND		ug/L	0.52	5.0	1	EPA SW846-8260B	08/10/2011 14:07	08/10/2011 14:07	SS
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.65	5.0	1	EPA SW846-8260B	08/10/2011 14:07	08/10/2011 14:07	SS
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.68	5.0	1	EPA SW846-8260B	08/10/2011 14:07	08/10/2011 14:07	SS
79-01-6	Trichloroethylene	ND		ug/L	0.57	5.0	1	EPA SW846-8260B	08/10/2011 14:07	08/10/2011 14:07	SS
75-69-4	Trichlorofluoromethane	ND		ug/L	0.91	5.0	1	EPA SW846-8260B	08/10/2011 14:07	08/10/2011 14:07	SS
75-01-4	Vinyl Chloride	ND		ug/L	0.97	5.0	1	EPA SW846-8260B	08/10/2011 14:07	08/10/2011 14:07	SS

Volatile Organics, tert-Butyl Alcohol

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

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
75-65-0	tert-Butyl alcohol (TBA)	ND		ug/L	6.1	8.0	1	EPA SW846-8260B	08/10/2011 14:07	08/10/2011 14:07	SS

Arsenic by EPA 6010

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

Sample Prepared by Method: EPA SW 846-3010A

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-38-2	Arsenic	ND		mg/L	0.00130	0.0100	1	EPA SW846-6010B	08/08/2011 08:49	08/08/2011 11:40	MW

Cadmium by EPA 6010

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

Sample Prepared by Method: EPA SW 846-3010A

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-43-9	Cadmium	ND		mg/L	0.00100	0.00300	1	EPA SW846-6010B	08/08/2011 08:49	08/08/2011 11:40	MW

Copper by EPA 6010

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

Sample Prepared by Method: EPA SW 846-3010A

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-50-8	**Copper**	**0.00798**		mg/L	0.00160	0.00500	1	EPA SW846-6010B	08/08/2011 08:49	08/08/2011 11:40	MW

Lead by EPA 6010

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

Sample Prepared by Method: EPA SW 846-3010A

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-92-1	**Lead**	**0.0132**		mg/L	0.00120	0.00300	1	EPA SW846-6010B	08/08/2011 08:49	08/08/2011 11:40	MW

Sample Information

Client Sample ID: MW-1D @ 1232 **York Sample ID:** 11H0142-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
11H0142	Village of Mamaroneck	Water	August 2, 2011 12:32 pm	08/02/2011

Zinc by EPA 6010 **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA SW 846-3010A

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-66-6	**Zinc**	**0.0259**		mg/L	0.000900	0.0200	1	EPA SW846-6010B	08/08/2011 08:49	08/08/2011 11:40	MW

Mercury by 7470/7471 **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA SW846-7470

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	Mercury	ND		mg/L	0.0000390	0.0002000	1	EPA SW846-7470	08/04/2011 11:54	08/04/2011 11:54	AA

Sample Information

Client Sample ID: MW-1S @ 1310 **York Sample ID:** 11H0142-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
11H0142	Village of Mamaroneck	Water	August 2, 2011 1:10 pm	08/02/2011

Volatile Organics, 8260 List **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/L	0.54	5.0	1	EPA SW846-8260B	08/10/2011 14:49	08/10/2011 14:49	SS
71-55-6	1,1,1-Trichloroethane	ND		ug/L	0.95	5.0	1	EPA SW846-8260B	08/10/2011 14:49	08/10/2011 14:49	SS
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.57	5.0	1	EPA SW846-8260B	08/10/2011 14:49	08/10/2011 14:49	SS
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/L	0.60	5.0	1	EPA SW846-8260B	08/10/2011 14:49	08/10/2011 14:49	SS
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.61	5.0	1	EPA SW846-8260B	08/10/2011 14:49	08/10/2011 14:49	SS
75-34-3	1,1-Dichloroethane	ND		ug/L	0.69	5.0	1	EPA SW846-8260B	08/10/2011 14:49	08/10/2011 14:49	SS
75-35-4	1,1-Dichloroethylene	ND		ug/L	1.3	5.0	1	EPA SW846-8260B	08/10/2011 14:49	08/10/2011 14:49	SS
563-58-6	1,1-Dichloropropylene	ND		ug/L	0.43	5.0	1	EPA SW846-8260B	08/10/2011 14:49	08/10/2011 14:49	SS
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	0.37	10	1	EPA SW846-8260B	08/10/2011 14:49	08/10/2011 14:49	SS
96-18-4	1,2,3-Trichloropropane	ND		ug/L	1.1	5.0	1	EPA SW846-8260B	08/10/2011 14:49	08/10/2011 14:49	SS
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.48	10	1	EPA SW846-8260B	08/10/2011 14:49	08/10/2011 14:49	SS
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	1.3	10	1	EPA SW846-8260B	08/10/2011 14:49	08/10/2011 14:49	SS
106-93-4	1,2-Dibromoethane	ND		ug/L	0.68	5.0	1	EPA SW846-8260B	08/10/2011 14:49	08/10/2011 14:49	SS
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.59	5.0	1	EPA SW846-8260B	08/10/2011 14:49	08/10/2011 14:49	SS
107-06-2	1,2-Dichloroethane	ND		ug/L	0.65	5.0	1	EPA SW846-8260B	08/10/2011 14:49	08/10/2011 14:49	SS
78-87-5	1,2-Dichloropropane	ND		ug/L	0.22	5.0	1	EPA SW846-8260B	08/10/2011 14:49	08/10/2011 14:49	SS
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.47	5.0	1	EPA SW846-8260B	08/10/2011 14:49	08/10/2011 14:49	SS
142-28-9	1,3-Dichloropropane	ND		ug/L	0.69	5.0	1	EPA SW846-8260B	08/10/2011 14:49	08/10/2011 14:49	SS
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.68	5.0	1	EPA SW846-8260B	08/10/2011 14:49	08/10/2011 14:49	SS
594-20-7	2,2-Dichloropropane	ND		ug/L	0.96	5.0	1	EPA SW846-8260B	08/10/2011 14:49	08/10/2011 14:49	SS
95-49-8	2-Chlorotoluene	ND		ug/L	0.49	5.0	1	EPA SW846-8260B	08/10/2011 14:49	08/10/2011 14:49	SS

Sample Information

Client Sample ID: MW-1S @ 1310 **York Sample ID:** 11H0142-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
11H0142	Village of Mamaroneck	Water	August 2, 2011 1:10 pm	08/02/2011

Volatile Organics, 8260 List

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

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
106-43-4	4-Chlorotoluene	ND		ug/L	0.49	5.0	1	EPA SW846-8260B	08/10/2011 14:49	08/10/2011 14:49	SS
108-86-1	Bromobenzene	ND		ug/L	0.61	5.0	1	EPA SW846-8260B	08/10/2011 14:49	08/10/2011 14:49	SS
74-97-5	Bromochloromethane	ND		ug/L	1.3	5.0	1	EPA SW846-8260B	08/10/2011 14:49	08/10/2011 14:49	SS
75-27-4	Bromodichloromethane	ND		ug/L	0.62	5.0	1	EPA SW846-8260B	08/10/2011 14:49	08/10/2011 14:49	SS
75-25-2	Bromoform	ND		ug/L	0.58	5.0	1	EPA SW846-8260B	08/10/2011 14:49	08/10/2011 14:49	SS
74-83-9	Bromomethane	ND		ug/L	1.2	5.0	1	EPA SW846-8260B	08/10/2011 14:49	08/10/2011 14:49	SS
56-23-5	Carbon tetrachloride	ND		ug/L	1.0	5.0	1	EPA SW846-8260B	08/10/2011 14:49	08/10/2011 14:49	SS
108-90-7	Chlorobenzene	ND		ug/L	0.35	5.0	1	EPA SW846-8260B	08/10/2011 14:49	08/10/2011 14:49	SS
75-00-3	Chloroethane	ND		ug/L	0.76	5.0	1	EPA SW846-8260B	08/10/2011 14:49	08/10/2011 14:49	SS
67-66-3	**Chloroform**	**0.66**	J	ug/L	0.36	5.0	1	EPA SW846-8260B	08/10/2011 14:49	08/10/2011 14:49	SS
74-87-3	Chloromethane	ND		ug/L	0.89	5.0	1	EPA SW846-8260B	08/10/2011 14:49	08/10/2011 14:49	SS
156-59-2	cis-1,2-Dichloroethylene	ND		ug/L	0.96	5.0	1	EPA SW846-8260B	08/10/2011 14:49	08/10/2011 14:49	SS
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.35	5.0	1	EPA SW846-8260B	08/10/2011 14:49	08/10/2011 14:49	SS
124-48-1	Dibromochloromethane	ND		ug/L	0.67	5.0	1	EPA SW846-8260B	08/10/2011 14:49	08/10/2011 14:49	SS
74-95-3	Dibromomethane	ND		ug/L	1.3	5.0	1	EPA SW846-8260B	08/10/2011 14:49	08/10/2011 14:49	SS
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.83	5.0	1	EPA SW846-8260B	08/10/2011 14:49	08/10/2011 14:49	SS
87-68-3	Hexachlorobutadiene	ND		ug/L	0.43	5.0	1	EPA SW846-8260B	08/10/2011 14:49	08/10/2011 14:49	SS
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.38	5.0	1	EPA SW846-8260B	08/10/2011 14:49	08/10/2011 14:49	SS
75-09-2	**Methylene chloride**	**1.1**	J, B	ug/L	1.1	10	1	EPA SW846-8260B	08/10/2011 14:49	08/10/2011 14:49	SS
98-06-6	**tert-Butylbenzene**	**0.89**	J	ug/L	0.46	5.0	1	EPA SW846-8260B	08/10/2011 14:49	08/10/2011 14:49	SS
127-18-4	Tetrachloroethylene	ND		ug/L	0.52	5.0	1	EPA SW846-8260B	08/10/2011 14:49	08/10/2011 14:49	SS
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.65	5.0	1	EPA SW846-8260B	08/10/2011 14:49	08/10/2011 14:49	SS
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.68	5.0	1	EPA SW846-8260B	08/10/2011 14:49	08/10/2011 14:49	SS
79-01-6	Trichloroethylene	ND		ug/L	0.57	5.0	1	EPA SW846-8260B	08/10/2011 14:49	08/10/2011 14:49	SS
75-69-4	Trichlorofluoromethane	ND		ug/L	0.91	5.0	1	EPA SW846-8260B	08/10/2011 14:49	08/10/2011 14:49	SS
75-01-4	Vinyl Chloride	ND		ug/L	0.97	5.0	1	EPA SW846-8260B	08/10/2011 14:49	08/10/2011 14:49	SS

Volatile Organics, tert-Butyl Alcohol

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

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
75-65-0	tert-Butyl alcohol (TBA)	ND		ug/L	6.1	8.0	1	EPA SW846-8260B	08/10/2011 14:49	08/10/2011 14:49	SS

Sample Information

Client Sample ID: MW-1S @ 1310 **York Sample ID:** 11H0142-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
11H0142	Village of Mamaroneck	Water	August 2, 2011 1:10 pm	08/02/2011

Arsenic by EPA 6010

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

Sample Prepared by Method: EPA SW 846-3010A

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-38-2	**Arsenic**	**0.0198**		mg/L	0.00130	0.0100	1	EPA SW846-6010B	08/08/2011 08:49	08/08/2011 11:45	MW

Cadmium by EPA 6010

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

Sample Prepared by Method: EPA SW 846-3010A

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-43-9	**Cadmium**	**0.00490**		mg/L	0.00100	0.00300	1	EPA SW846-6010B	08/08/2011 08:49	08/08/2011 11:45	MW

Copper by EPA 6010

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

Sample Prepared by Method: EPA SW 846-3010A

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-50-8	**Copper**	**0.188**		mg/L	0.00160	0.00500	1	EPA SW846-6010B	08/08/2011 08:49	08/08/2011 11:45	MW

Lead by EPA 6010

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

Sample Prepared by Method: EPA SW 846-3010A

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-92-1	**Lead**	**1.55**		mg/L	0.00120	0.00300	1	EPA SW846-6010B	08/08/2011 08:49	08/08/2011 11:45	MW

Zinc by EPA 6010

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

Sample Prepared by Method: EPA SW 846-3010A

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-66-6	**Zinc**	**1.69**		mg/L	0.000900	0.0200	1	EPA SW846-6010B	08/08/2011 08:49	08/08/2011 11:45	MW

Mercury by 7470/7471

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

Sample Prepared by Method: EPA SW846-7470

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	Mercury	ND		mg/L	0.0000390	0.0002000	1	EPA SW846-7470	08/04/2011 11:54	08/04/2011 11:54	AA

Sample Information

Client Sample ID: MW-2D @ 1118 **York Sample ID:** 11H0142-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
11H0142	Village of Mamaroneck	Water	August 2, 2011 11:18 am	08/02/2011

Volatile Organics, 8260 List

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

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/L	0.54	5.0	1	EPA SW846-8260B	08/10/2011 15:38	08/10/2011 15:38	SS
71-55-6	1,1,1-Trichloroethane	ND		ug/L	0.95	5.0	1	EPA SW846-8260B	08/10/2011 15:38	08/10/2011 15:38	SS
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.57	5.0	1	EPA SW846-8260B	08/10/2011 15:38	08/10/2011 15:38	SS

Sample Information

Client Sample ID: **MW-2D @ 1118** **York Sample ID:** **11H0142-03**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
11H0142	Village of Mamaroneck	Water	August 2, 2011 11:18 am	08/02/2011

Volatile Organics, 8260 List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	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	0.60	5.0	1	EPA SW846-8260B	08/10/2011 15:38	08/10/2011 15:38	SS
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.61	5.0	1	EPA SW846-8260B	08/10/2011 15:38	08/10/2011 15:38	SS
75-34-3	1,1-Dichloroethane	ND		ug/L	0.69	5.0	1	EPA SW846-8260B	08/10/2011 15:38	08/10/2011 15:38	SS
75-35-4	1,1-Dichloroethylene	ND		ug/L	1.3	5.0	1	EPA SW846-8260B	08/10/2011 15:38	08/10/2011 15:38	SS
563-58-6	1,1-Dichloropropylene	ND		ug/L	0.43	5.0	1	EPA SW846-8260B	08/10/2011 15:38	08/10/2011 15:38	SS
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	0.37	10	1	EPA SW846-8260B	08/10/2011 15:38	08/10/2011 15:38	SS
96-18-4	1,2,3-Trichloropropane	ND		ug/L	1.1	5.0	1	EPA SW846-8260B	08/10/2011 15:38	08/10/2011 15:38	SS
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.48	10	1	EPA SW846-8260B	08/10/2011 15:38	08/10/2011 15:38	SS
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	1.3	10	1	EPA SW846-8260B	08/10/2011 15:38	08/10/2011 15:38	SS
106-93-4	1,2-Dibromoethane	ND		ug/L	0.68	5.0	1	EPA SW846-8260B	08/10/2011 15:38	08/10/2011 15:38	SS
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.59	5.0	1	EPA SW846-8260B	08/10/2011 15:38	08/10/2011 15:38	SS
107-06-2	1,2-Dichloroethane	ND		ug/L	0.65	5.0	1	EPA SW846-8260B	08/10/2011 15:38	08/10/2011 15:38	SS
78-87-5	1,2-Dichloropropane	ND		ug/L	0.22	5.0	1	EPA SW846-8260B	08/10/2011 15:38	08/10/2011 15:38	SS
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.47	5.0	1	EPA SW846-8260B	08/10/2011 15:38	08/10/2011 15:38	SS
142-28-9	1,3-Dichloropropane	ND		ug/L	0.69	5.0	1	EPA SW846-8260B	08/10/2011 15:38	08/10/2011 15:38	SS
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.68	5.0	1	EPA SW846-8260B	08/10/2011 15:38	08/10/2011 15:38	SS
594-20-7	2,2-Dichloropropane	ND		ug/L	0.96	5.0	1	EPA SW846-8260B	08/10/2011 15:38	08/10/2011 15:38	SS
95-49-8	2-Chlorotoluene	ND		ug/L	0.49	5.0	1	EPA SW846-8260B	08/10/2011 15:38	08/10/2011 15:38	SS
106-43-4	4-Chlorotoluene	ND		ug/L	0.49	5.0	1	EPA SW846-8260B	08/10/2011 15:38	08/10/2011 15:38	SS
108-86-1	Bromobenzene	ND		ug/L	0.61	5.0	1	EPA SW846-8260B	08/10/2011 15:38	08/10/2011 15:38	SS
74-97-5	Bromochloromethane	ND		ug/L	1.3	5.0	1	EPA SW846-8260B	08/10/2011 15:38	08/10/2011 15:38	SS
75-27-4	Bromodichloromethane	ND		ug/L	0.62	5.0	1	EPA SW846-8260B	08/10/2011 15:38	08/10/2011 15:38	SS
75-25-2	Bromoform	ND		ug/L	0.58	5.0	1	EPA SW846-8260B	08/10/2011 15:38	08/10/2011 15:38	SS
74-83-9	Bromomethane	ND		ug/L	1.2	5.0	1	EPA SW846-8260B	08/10/2011 15:38	08/10/2011 15:38	SS
56-23-5	Carbon tetrachloride	ND		ug/L	1.0	5.0	1	EPA SW846-8260B	08/10/2011 15:38	08/10/2011 15:38	SS
108-90-7	Chlorobenzene	ND		ug/L	0.35	5.0	1	EPA SW846-8260B	08/10/2011 15:38	08/10/2011 15:38	SS
75-00-3	Chloroethane	ND		ug/L	0.76	5.0	1	EPA SW846-8260B	08/10/2011 15:38	08/10/2011 15:38	SS
67-66-3	Chloroform	ND		ug/L	0.36	5.0	1	EPA SW846-8260B	08/10/2011 15:38	08/10/2011 15:38	SS
74-87-3	Chloromethane	ND		ug/L	0.89	5.0	1	EPA SW846-8260B	08/10/2011 15:38	08/10/2011 15:38	SS
156-59-2	cis-1,2-Dichloroethylene	ND		ug/L	0.96	5.0	1	EPA SW846-8260B	08/10/2011 15:38	08/10/2011 15:38	SS
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.35	5.0	1	EPA SW846-8260B	08/10/2011 15:38	08/10/2011 15:38	SS
124-48-1	Dibromochloromethane	ND		ug/L	0.67	5.0	1	EPA SW846-8260B	08/10/2011 15:38	08/10/2011 15:38	SS
74-95-3	Dibromomethane	ND		ug/L	1.3	5.0	1	EPA SW846-8260B	08/10/2011 15:38	08/10/2011 15:38	SS
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.83	5.0	1	EPA SW846-8260B	08/10/2011 15:38	08/10/2011 15:38	SS

Sample Information

Client Sample ID: MW-2D @ 1118 **York Sample ID:** 11H0142-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
11H0142	Village of Mamaroneck	Water	August 2, 2011 11:18 am	08/02/2011

Volatile Organics, 8260 List

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

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
87-68-3	Hexachlorobutadiene	ND		ug/L	0.43	5.0	1	EPA SW846-8260B	08/10/2011 15:38	08/10/2011 15:38	SS
1634-04-4	**Methyl tert-butyl ether (MTBE)**	**0.47**	J	ug/L	0.38	5.0	1	EPA SW846-8260B	08/10/2011 15:38	08/10/2011 15:38	SS
75-09-2	**Methylene chloride**	**1.4**	J, B	ug/L	1.1	10	1	EPA SW846-8260B	08/10/2011 15:38	08/10/2011 15:38	SS
98-06-6	tert-Butylbenzene	ND		ug/L	0.46	5.0	1	EPA SW846-8260B	08/10/2011 15:38	08/10/2011 15:38	SS
127-18-4	Tetrachloroethylene	ND		ug/L	0.52	5.0	1	EPA SW846-8260B	08/10/2011 15:38	08/10/2011 15:38	SS
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.65	5.0	1	EPA SW846-8260B	08/10/2011 15:38	08/10/2011 15:38	SS
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.68	5.0	1	EPA SW846-8260B	08/10/2011 15:38	08/10/2011 15:38	SS
79-01-6	Trichloroethylene	ND		ug/L	0.57	5.0	1	EPA SW846-8260B	08/10/2011 15:38	08/10/2011 15:38	SS
75-69-4	Trichlorofluoromethane	ND		ug/L	0.91	5.0	1	EPA SW846-8260B	08/10/2011 15:38	08/10/2011 15:38	SS
75-01-4	Vinyl Chloride	ND		ug/L	0.97	5.0	1	EPA SW846-8260B	08/10/2011 15:38	08/10/2011 15:38	SS

Volatile Organics, tert-Butyl Alcohol

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

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
75-65-0	tert-Butyl alcohol (TBA)	ND		ug/L	6.1	8.0	1	EPA SW846-8260B	08/10/2011 15:38	08/10/2011 15:38	SS

Arsenic by EPA 6010

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

Sample Prepared by Method: EPA SW 846-3010A

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-38-2	Arsenic	ND		mg/L	0.00130	0.0100	1	EPA SW846-6010B	08/08/2011 08:49	08/08/2011 11:49	MW

Cadmium by EPA 6010

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

Sample Prepared by Method: EPA SW 846-3010A

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-43-9	Cadmium	ND		mg/L	0.00100	0.00300	1	EPA SW846-6010B	08/08/2011 08:49	08/08/2011 11:49	MW

Copper by EPA 6010

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

Sample Prepared by Method: EPA SW 846-3010A

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-50-8	**Copper**	**0.00564**		mg/L	0.00160	0.00500	1	EPA SW846-6010B	08/08/2011 08:49	08/08/2011 11:49	MW

Lead by EPA 6010

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

Sample Prepared by Method: EPA SW 846-3010A

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-92-1	**Lead**	**0.00486**		mg/L	0.00120	0.00300	1	EPA SW846-6010B	08/08/2011 08:49	08/08/2011 11:49	MW

Zinc by EPA 6010

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

Sample Prepared by Method: EPA SW 846-3010A

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst

Sample Information

Client Sample ID: MW-2D @ 1118 **York Sample ID:** 11H0142-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
11H0142	Village of Mamaroneck	Water	August 2, 2011 11:18 am	08/02/2011

Zinc by EPA 6010

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

Sample Prepared by Method: EPA SW 846-3010A

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-66-6	**Zinc**	**0.0307**		mg/L	0.000900	0.0200	1	EPA SW846-6010B	08/08/2011 08:49	08/08/2011 11:49	MW

Mercury by 7470/7471

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

Sample Prepared by Method: EPA SW846-7470

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	**Mercury**	**0.0003000**		mg/L	0.0000390	0.0002000	1	EPA SW846-7470	08/04/2011 11:54	08/04/2011 11:54	AA

Sample Information

Client Sample ID: MW-2S @ 1145 **York Sample ID:** 11H0142-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
11H0142	Village of Mamaroneck	Water	August 2, 2011 11:45 am	08/02/2011

Volatile Organics, 8260 List

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

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/L	0.54	5.0	1	EPA SW846-8260B	08/10/2011 16:21	08/10/2011 16:21	SS
71-55-6	1,1,1-Trichloroethane	ND		ug/L	0.95	5.0	1	EPA SW846-8260B	08/10/2011 16:21	08/10/2011 16:21	SS
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.57	5.0	1	EPA SW846-8260B	08/10/2011 16:21	08/10/2011 16:21	SS
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/L	0.60	5.0	1	EPA SW846-8260B	08/10/2011 16:21	08/10/2011 16:21	SS
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.61	5.0	1	EPA SW846-8260B	08/10/2011 16:21	08/10/2011 16:21	SS
75-34-3	1,1-Dichloroethane	ND		ug/L	0.69	5.0	1	EPA SW846-8260B	08/10/2011 16:21	08/10/2011 16:21	SS
75-35-4	1,1-Dichloroethylene	ND		ug/L	1.3	5.0	1	EPA SW846-8260B	08/10/2011 16:21	08/10/2011 16:21	SS
563-58-6	1,1-Dichloropropylene	ND		ug/L	0.43	5.0	1	EPA SW846-8260B	08/10/2011 16:21	08/10/2011 16:21	SS
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	0.37	10	1	EPA SW846-8260B	08/10/2011 16:21	08/10/2011 16:21	SS
96-18-4	1,2,3-Trichloropropane	ND		ug/L	1.1	5.0	1	EPA SW846-8260B	08/10/2011 16:21	08/10/2011 16:21	SS
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.48	10	1	EPA SW846-8260B	08/10/2011 16:21	08/10/2011 16:21	SS
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	1.3	10	1	EPA SW846-8260B	08/10/2011 16:21	08/10/2011 16:21	SS
106-93-4	1,2-Dibromoethane	ND		ug/L	0.68	5.0	1	EPA SW846-8260B	08/10/2011 16:21	08/10/2011 16:21	SS
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.59	5.0	1	EPA SW846-8260B	08/10/2011 16:21	08/10/2011 16:21	SS
107-06-2	1,2-Dichloroethane	ND		ug/L	0.65	5.0	1	EPA SW846-8260B	08/10/2011 16:21	08/10/2011 16:21	SS
78-87-5	1,2-Dichloropropane	ND		ug/L	0.22	5.0	1	EPA SW846-8260B	08/10/2011 16:21	08/10/2011 16:21	SS
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.47	5.0	1	EPA SW846-8260B	08/10/2011 16:21	08/10/2011 16:21	SS
142-28-9	1,3-Dichloropropane	ND		ug/L	0.69	5.0	1	EPA SW846-8260B	08/10/2011 16:21	08/10/2011 16:21	SS
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.68	5.0	1	EPA SW846-8260B	08/10/2011 16:21	08/10/2011 16:21	SS
594-20-7	2,2-Dichloropropane	ND		ug/L	0.96	5.0	1	EPA SW846-8260B	08/10/2011 16:21	08/10/2011 16:21	SS

Sample Information

Client Sample ID: MW-2S @ 1145 **York Sample ID:** 11H0142-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
11H0142	Village of Mamaroneck	Water	August 2, 2011 11:45 am	08/02/2011

Volatile Organics, 8260 List

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

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
95-49-8	2-Chlorotoluene	ND		ug/L	0.49	5.0	1	EPA SW846-8260B	08/10/2011 16:21	08/10/2011 16:21	SS
106-43-4	4-Chlorotoluene	ND		ug/L	0.49	5.0	1	EPA SW846-8260B	08/10/2011 16:21	08/10/2011 16:21	SS
108-86-1	Bromobenzene	ND		ug/L	0.61	5.0	1	EPA SW846-8260B	08/10/2011 16:21	08/10/2011 16:21	SS
74-97-5	Bromochloromethane	ND		ug/L	1.3	5.0	1	EPA SW846-8260B	08/10/2011 16:21	08/10/2011 16:21	SS
75-27-4	Bromodichloromethane	ND		ug/L	0.62	5.0	1	EPA SW846-8260B	08/10/2011 16:21	08/10/2011 16:21	SS
75-25-2	Bromoform	ND		ug/L	0.58	5.0	1	EPA SW846-8260B	08/10/2011 16:21	08/10/2011 16:21	SS
74-83-9	Bromomethane	ND		ug/L	1.2	5.0	1	EPA SW846-8260B	08/10/2011 16:21	08/10/2011 16:21	SS
56-23-5	Carbon tetrachloride	ND		ug/L	1.0	5.0	1	EPA SW846-8260B	08/10/2011 16:21	08/10/2011 16:21	SS
108-90-7	Chlorobenzene	ND		ug/L	0.35	5.0	1	EPA SW846-8260B	08/10/2011 16:21	08/10/2011 16:21	SS
75-00-3	Chloroethane	ND		ug/L	0.76	5.0	1	EPA SW846-8260B	08/10/2011 16:21	08/10/2011 16:21	SS
67-66-3	Chloroform	ND		ug/L	0.36	5.0	1	EPA SW846-8260B	08/10/2011 16:21	08/10/2011 16:21	SS
74-87-3	Chloromethane	ND		ug/L	0.89	5.0	1	EPA SW846-8260B	08/10/2011 16:21	08/10/2011 16:21	SS
156-59-2	cis-1,2-Dichloroethylene	ND		ug/L	0.96	5.0	1	EPA SW846-8260B	08/10/2011 16:21	08/10/2011 16:21	SS
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.35	5.0	1	EPA SW846-8260B	08/10/2011 16:21	08/10/2011 16:21	SS
124-48-1	Dibromochloromethane	ND		ug/L	0.67	5.0	1	EPA SW846-8260B	08/10/2011 16:21	08/10/2011 16:21	SS
74-95-3	Dibromomethane	ND		ug/L	1.3	5.0	1	EPA SW846-8260B	08/10/2011 16:21	08/10/2011 16:21	SS
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.83	5.0	1	EPA SW846-8260B	08/10/2011 16:21	08/10/2011 16:21	SS
87-68-3	Hexachlorobutadiene	ND		ug/L	0.43	5.0	1	EPA SW846-8260B	08/10/2011 16:21	08/10/2011 16:21	SS
1634-04-4	**Methyl tert-butyl ether (MTBE)**	**16**		ug/L	0.38	5.0	1	EPA SW846-8260B	08/10/2011 16:21	08/10/2011 16:21	SS
75-09-2	**Methylene chloride**	**1.1**	J, B	ug/L	1.1	10	1	EPA SW846-8260B	08/10/2011 16:21	08/10/2011 16:21	SS
98-06-6	tert-Butylbenzene	ND		ug/L	0.46	5.0	1	EPA SW846-8260B	08/10/2011 16:21	08/10/2011 16:21	SS
127-18-4	Tetrachloroethylene	ND		ug/L	0.52	5.0	1	EPA SW846-8260B	08/10/2011 16:21	08/10/2011 16:21	SS
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.65	5.0	1	EPA SW846-8260B	08/10/2011 16:21	08/10/2011 16:21	SS
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.68	5.0	1	EPA SW846-8260B	08/10/2011 16:21	08/10/2011 16:21	SS
79-01-6	Trichloroethylene	ND		ug/L	0.57	5.0	1	EPA SW846-8260B	08/10/2011 16:21	08/10/2011 16:21	SS
75-69-4	Trichlorofluoromethane	ND		ug/L	0.91	5.0	1	EPA SW846-8260B	08/10/2011 16:21	08/10/2011 16:21	SS
75-01-4	**Vinyl Chloride**	**2.5**	J	ug/L	0.97	5.0	1	EPA SW846-8260B	08/10/2011 16:21	08/10/2011 16:21	SS

Volatile Organics, tert-Butyl Alcohol

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

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
75-65-0	**tert-Butyl alcohol (TBA)**	**37**		ug/L	6.1	8.0	1	EPA SW846-8260B	08/10/2011 16:21	08/10/2011 16:21	SS

Sample Information

Client Sample ID: MW-2S @ 1145 **York Sample ID:** 11H0142-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
11H0142	Village of Mamaroneck	Water	August 2, 2011 11:45 am	08/02/2011

Arsenic by EPA 6010

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

Sample Prepared by Method: EPA SW 846-3010A

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-38-2	Arsenic	ND		mg/L	0.00130	0.0100	1	EPA SW846-6010B	08/08/2011 08:49	08/08/2011 11:54	MW

Cadmium by EPA 6010

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

Sample Prepared by Method: EPA SW 846-3010A

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-43-9	Cadmium	ND		mg/L	0.00100	0.00300	1	EPA SW846-6010B	08/08/2011 08:49	08/08/2011 11:54	MW

Copper by EPA 6010

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

Sample Prepared by Method: EPA SW 846-3010A

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-50-8	**Copper**	**0.00896**		mg/L	0.00160	0.00500	1	EPA SW846-6010B	08/08/2011 08:49	08/08/2011 11:54	MW

Lead by EPA 6010

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

Sample Prepared by Method: EPA SW 846-3010A

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-92-1	**Lead**	**0.0563**		mg/L	0.00120	0.00300	1	EPA SW846-6010B	08/08/2011 08:49	08/08/2011 11:54	MW

Zinc by EPA 6010

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

Sample Prepared by Method: EPA SW 846-3010A

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-66-6	**Zinc**	**0.0756**		mg/L	0.000900	0.0200	1	EPA SW846-6010B	08/08/2011 08:49	08/08/2011 11:54	MW

Mercury by 7470/7471

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

Sample Prepared by Method: EPA SW846-7470

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	Mercury	ND		mg/L	0.0000390	0.000200	1	EPA SW846-7470	08/04/2011 11:54	08/04/2011 11:54	AA

Sample Information

Client Sample ID: MW-3D @ 1010 **York Sample ID:** 11H0142-05

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
11H0142	Village of Mamaroneck	Water	August 2, 2011 10:10 am	08/02/2011

Volatile Organics, 8260 List

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

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/L	0.54	5.0	1	EPA SW846-8260B	08/10/2011 17:04	08/10/2011 17:04	SS
71-55-6	1,1,1-Trichloroethane	ND		ug/L	0.95	5.0	1	EPA SW846-8260B	08/10/2011 17:04	08/10/2011 17:04	SS
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.57	5.0	1	EPA SW846-8260B	08/10/2011 17:04	08/10/2011 17:04	SS

Sample Information

Client Sample ID: **MW-3D @ 1010** **York Sample ID:** **11H0142-05**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
11H0142	Village of Mamaroneck	Water	August 2, 2011 10:10 am	08/02/2011

Volatile Organics, 8260 List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	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	0.60	5.0	1	EPA SW846-8260B	08/10/2011 17:04	08/10/2011 17:04	SS
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.61	5.0	1	EPA SW846-8260B	08/10/2011 17:04	08/10/2011 17:04	SS
75-34-3	1,1-Dichloroethane	ND		ug/L	0.69	5.0	1	EPA SW846-8260B	08/10/2011 17:04	08/10/2011 17:04	SS
75-35-4	1,1-Dichloroethylene	ND		ug/L	1.3	5.0	1	EPA SW846-8260B	08/10/2011 17:04	08/10/2011 17:04	SS
563-58-6	1,1-Dichloropropylene	ND		ug/L	0.43	5.0	1	EPA SW846-8260B	08/10/2011 17:04	08/10/2011 17:04	SS
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	0.37	10	1	EPA SW846-8260B	08/10/2011 17:04	08/10/2011 17:04	SS
96-18-4	1,2,3-Trichloropropane	ND		ug/L	1.1	5.0	1	EPA SW846-8260B	08/10/2011 17:04	08/10/2011 17:04	SS
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.48	10	1	EPA SW846-8260B	08/10/2011 17:04	08/10/2011 17:04	SS
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	1.3	10	1	EPA SW846-8260B	08/10/2011 17:04	08/10/2011 17:04	SS
106-93-4	1,2-Dibromoethane	ND		ug/L	0.68	5.0	1	EPA SW846-8260B	08/10/2011 17:04	08/10/2011 17:04	SS
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.59	5.0	1	EPA SW846-8260B	08/10/2011 17:04	08/10/2011 17:04	SS
107-06-2	1,2-Dichloroethane	ND		ug/L	0.65	5.0	1	EPA SW846-8260B	08/10/2011 17:04	08/10/2011 17:04	SS
78-87-5	1,2-Dichloropropane	ND		ug/L	0.22	5.0	1	EPA SW846-8260B	08/10/2011 17:04	08/10/2011 17:04	SS
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.47	5.0	1	EPA SW846-8260B	08/10/2011 17:04	08/10/2011 17:04	SS
142-28-9	1,3-Dichloropropane	ND		ug/L	0.69	5.0	1	EPA SW846-8260B	08/10/2011 17:04	08/10/2011 17:04	SS
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.68	5.0	1	EPA SW846-8260B	08/10/2011 17:04	08/10/2011 17:04	SS
594-20-7	2,2-Dichloropropane	ND		ug/L	0.96	5.0	1	EPA SW846-8260B	08/10/2011 17:04	08/10/2011 17:04	SS
95-49-8	2-Chlorotoluene	ND		ug/L	0.49	5.0	1	EPA SW846-8260B	08/10/2011 17:04	08/10/2011 17:04	SS
106-43-4	4-Chlorotoluene	ND		ug/L	0.49	5.0	1	EPA SW846-8260B	08/10/2011 17:04	08/10/2011 17:04	SS
108-86-1	Bromobenzene	ND		ug/L	0.61	5.0	1	EPA SW846-8260B	08/10/2011 17:04	08/10/2011 17:04	SS
74-97-5	Bromochloromethane	ND		ug/L	1.3	5.0	1	EPA SW846-8260B	08/10/2011 17:04	08/10/2011 17:04	SS
75-27-4	Bromodichloromethane	ND		ug/L	0.62	5.0	1	EPA SW846-8260B	08/10/2011 17:04	08/10/2011 17:04	SS
75-25-2	Bromoform	ND		ug/L	0.58	5.0	1	EPA SW846-8260B	08/10/2011 17:04	08/10/2011 17:04	SS
74-83-9	Bromomethane	ND		ug/L	1.2	5.0	1	EPA SW846-8260B	08/10/2011 17:04	08/10/2011 17:04	SS
56-23-5	Carbon tetrachloride	ND		ug/L	1.0	5.0	1	EPA SW846-8260B	08/10/2011 17:04	08/10/2011 17:04	SS
108-90-7	Chlorobenzene	ND		ug/L	0.35	5.0	1	EPA SW846-8260B	08/10/2011 17:04	08/10/2011 17:04	SS
75-00-3	Chloroethane	ND		ug/L	0.76	5.0	1	EPA SW846-8260B	08/10/2011 17:04	08/10/2011 17:04	SS
67-66-3	**Chloroform**	**0.50**	J	ug/L	0.36	5.0	1	EPA SW846-8260B	08/10/2011 17:04	08/10/2011 17:04	SS
74-87-3	Chloromethane	ND		ug/L	0.89	5.0	1	EPA SW846-8260B	08/10/2011 17:04	08/10/2011 17:04	SS
156-59-2	cis-1,2-Dichloroethylene	ND		ug/L	0.96	5.0	1	EPA SW846-8260B	08/10/2011 17:04	08/10/2011 17:04	SS
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.35	5.0	1	EPA SW846-8260B	08/10/2011 17:04	08/10/2011 17:04	SS
124-48-1	Dibromochloromethane	ND		ug/L	0.67	5.0	1	EPA SW846-8260B	08/10/2011 17:04	08/10/2011 17:04	SS
74-95-3	Dibromomethane	ND		ug/L	1.3	5.0	1	EPA SW846-8260B	08/10/2011 17:04	08/10/2011 17:04	SS
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.83	5.0	1	EPA SW846-8260B	08/10/2011 17:04	08/10/2011 17:04	SS

Sample Information

Client Sample ID: MW-3D @ 1010 **York Sample ID:** 11H0142-05

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
11H0142	Village of Mamaroneck	Water	August 2, 2011 10:10 am	08/02/2011

Volatile Organics, 8260 List

Log-in Notes: Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
87-68-3	Hexachlorobutadiene	ND		ug/L	0.43	5.0	1	EPA SW846-8260B	08/10/2011 17:04	08/10/2011 17:04	SS
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.38	5.0	1	EPA SW846-8260B	08/10/2011 17:04	08/10/2011 17:04	SS
75-09-2	**Methylene chloride**	**1.1**	J, B	ug/L	1.1	10	1	EPA SW846-8260B	08/10/2011 17:04	08/10/2011 17:04	SS
98-06-6	tert-Butylbenzene	ND		ug/L	0.46	5.0	1	EPA SW846-8260B	08/10/2011 17:04	08/10/2011 17:04	SS
127-18-4	Tetrachloroethylene	ND		ug/L	0.52	5.0	1	EPA SW846-8260B	08/10/2011 17:04	08/10/2011 17:04	SS
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.65	5.0	1	EPA SW846-8260B	08/10/2011 17:04	08/10/2011 17:04	SS
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.68	5.0	1	EPA SW846-8260B	08/10/2011 17:04	08/10/2011 17:04	SS
79-01-6	Trichloroethylene	ND		ug/L	0.57	5.0	1	EPA SW846-8260B	08/10/2011 17:04	08/10/2011 17:04	SS
75-69-4	Trichlorofluoromethane	ND		ug/L	0.91	5.0	1	EPA SW846-8260B	08/10/2011 17:04	08/10/2011 17:04	SS
75-01-4	Vinyl Chloride	ND		ug/L	0.97	5.0	1	EPA SW846-8260B	08/10/2011 17:04	08/10/2011 17:04	SS

Volatile Organics, tert-Butyl Alcohol

Log-in Notes: Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
75-65-0	tert-Butyl alcohol (TBA)	ND		ug/L	6.1	8.0	1	EPA SW846-8260B	08/10/2011 17:04	08/10/2011 17:04	SS

Arsenic by EPA 6010

Log-in Notes: Sample Notes:

Sample Prepared by Method: EPA SW 846-3010A

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-38-2	Arsenic	ND		mg/L	0.00130	0.0100	1	EPA SW846-6010B	08/08/2011 08:49	08/08/2011 11:58	MW

Cadmium by EPA 6010

Log-in Notes: Sample Notes:

Sample Prepared by Method: EPA SW 846-3010A

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-43-9	Cadmium	ND		mg/L	0.00100	0.00300	1	EPA SW846-6010B	08/08/2011 08:49	08/08/2011 11:58	MW

Copper by EPA 6010

Log-in Notes: Sample Notes:

Sample Prepared by Method: EPA SW 846-3010A

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-50-8	**Copper**	**0.0152**		mg/L	0.00160	0.00500	1	EPA SW846-6010B	08/08/2011 08:49	08/08/2011 11:58	MW

Lead by EPA 6010

Log-in Notes: Sample Notes:

Sample Prepared by Method: EPA SW 846-3010A

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-92-1	**Lead**	**0.00616**		mg/L	0.00120	0.00300	1	EPA SW846-6010B	08/08/2011 08:49	08/08/2011 11:58	MW

Zinc by EPA 6010

Log-in Notes: Sample Notes:

Sample Prepared by Method: EPA SW 846-3010A

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst

Sample Information

Client Sample ID: MW-3D @ 1010 **York Sample ID:** 11H0142-05

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
11H0142	Village of Mamaroneck	Water	August 2, 2011 10:10 am	08/02/2011

Zinc by EPA 6010 **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA SW 846-3010A

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-66-6	**Zinc**	**0.0470**		mg/L	0.000900	0.0200	1	EPA SW846-6010B	08/08/2011 08:49	08/08/2011 11:58	MW

Mercury by 7470/7471 **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA SW846-7470

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	Mercury	ND		mg/L	0.0000390	0.0002000	1	EPA SW846-7470	08/04/2011 11:54	08/04/2011 11:54	AA

Sample Information

Client Sample ID: MW-3S @ 1021 **York Sample ID:** 11H0142-06

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
11H0142	Village of Mamaroneck	Water	August 2, 2011 10:21 am	08/02/2011

Volatile Organics, 8260 List **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/L	0.54	5.0	1	EPA SW846-8260B	08/10/2011 17:46	08/10/2011 17:46	SS
71-55-6	1,1,1-Trichloroethane	ND		ug/L	0.95	5.0	1	EPA SW846-8260B	08/10/2011 17:46	08/10/2011 17:46	SS
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.57	5.0	1	EPA SW846-8260B	08/10/2011 17:46	08/10/2011 17:46	SS
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/L	0.60	5.0	1	EPA SW846-8260B	08/10/2011 17:46	08/10/2011 17:46	SS
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.61	5.0	1	EPA SW846-8260B	08/10/2011 17:46	08/10/2011 17:46	SS
75-34-3	1,1-Dichloroethane	ND		ug/L	0.69	5.0	1	EPA SW846-8260B	08/10/2011 17:46	08/10/2011 17:46	SS
75-35-4	1,1-Dichloroethylene	ND		ug/L	1.3	5.0	1	EPA SW846-8260B	08/10/2011 17:46	08/10/2011 17:46	SS
563-58-6	1,1-Dichloropropylene	ND		ug/L	0.43	5.0	1	EPA SW846-8260B	08/10/2011 17:46	08/10/2011 17:46	SS
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	0.37	10	1	EPA SW846-8260B	08/10/2011 17:46	08/10/2011 17:46	SS
96-18-4	1,2,3-Trichloropropane	ND		ug/L	1.1	5.0	1	EPA SW846-8260B	08/10/2011 17:46	08/10/2011 17:46	SS
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.48	10	1	EPA SW846-8260B	08/10/2011 17:46	08/10/2011 17:46	SS
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	1.3	10	1	EPA SW846-8260B	08/10/2011 17:46	08/10/2011 17:46	SS
106-93-4	1,2-Dibromoethane	ND		ug/L	0.68	5.0	1	EPA SW846-8260B	08/10/2011 17:46	08/10/2011 17:46	SS
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.59	5.0	1	EPA SW846-8260B	08/10/2011 17:46	08/10/2011 17:46	SS
107-06-2	1,2-Dichloroethane	ND		ug/L	0.65	5.0	1	EPA SW846-8260B	08/10/2011 17:46	08/10/2011 17:46	SS
78-87-5	1,2-Dichloropropane	ND		ug/L	0.22	5.0	1	EPA SW846-8260B	08/10/2011 17:46	08/10/2011 17:46	SS
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.47	5.0	1	EPA SW846-8260B	08/10/2011 17:46	08/10/2011 17:46	SS
142-28-9	1,3-Dichloropropane	ND		ug/L	0.69	5.0	1	EPA SW846-8260B	08/10/2011 17:46	08/10/2011 17:46	SS
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.68	5.0	1	EPA SW846-8260B	08/10/2011 17:46	08/10/2011 17:46	SS
594-20-7	2,2-Dichloropropane	ND		ug/L	0.96	5.0	1	EPA SW846-8260B	08/10/2011 17:46	08/10/2011 17:46	SS

Sample Information

Client Sample ID: MW-3S @ 1021 **York Sample ID:** 11H0142-06

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
11H0142	Village of Mamaroneck	Water	August 2, 2011 10:21 am	08/02/2011

Volatile Organics, 8260 List

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

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
95-49-8	2-Chlorotoluene	ND		ug/L	0.49	5.0	1	EPA SW846-8260B	08/10/2011 17:46	08/10/2011 17:46	SS
106-43-4	4-Chlorotoluene	ND		ug/L	0.49	5.0	1	EPA SW846-8260B	08/10/2011 17:46	08/10/2011 17:46	SS
108-86-1	Bromobenzene	ND		ug/L	0.61	5.0	1	EPA SW846-8260B	08/10/2011 17:46	08/10/2011 17:46	SS
74-97-5	Bromochloromethane	ND		ug/L	1.3	5.0	1	EPA SW846-8260B	08/10/2011 17:46	08/10/2011 17:46	SS
75-27-4	Bromodichloromethane	ND		ug/L	0.62	5.0	1	EPA SW846-8260B	08/10/2011 17:46	08/10/2011 17:46	SS
75-25-2	Bromoform	ND		ug/L	0.58	5.0	1	EPA SW846-8260B	08/10/2011 17:46	08/10/2011 17:46	SS
74-83-9	Bromomethane	ND		ug/L	1.2	5.0	1	EPA SW846-8260B	08/10/2011 17:46	08/10/2011 17:46	SS
56-23-5	Carbon tetrachloride	ND		ug/L	1.0	5.0	1	EPA SW846-8260B	08/10/2011 17:46	08/10/2011 17:46	SS
108-90-7	Chlorobenzene	ND		ug/L	0.35	5.0	1	EPA SW846-8260B	08/10/2011 17:46	08/10/2011 17:46	SS
75-00-3	Chloroethane	ND		ug/L	0.76	5.0	1	EPA SW846-8260B	08/10/2011 17:46	08/10/2011 17:46	SS
67-66-3	Chloroform	ND		ug/L	0.36	5.0	1	EPA SW846-8260B	08/10/2011 17:46	08/10/2011 17:46	SS
74-87-3	Chloromethane	ND		ug/L	0.89	5.0	1	EPA SW846-8260B	08/10/2011 17:46	08/10/2011 17:46	SS
156-59-2	cis-1,2-Dichloroethylene	ND		ug/L	0.96	5.0	1	EPA SW846-8260B	08/10/2011 17:46	08/10/2011 17:46	SS
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.35	5.0	1	EPA SW846-8260B	08/10/2011 17:46	08/10/2011 17:46	SS
124-48-1	Dibromochloromethane	ND		ug/L	0.67	5.0	1	EPA SW846-8260B	08/10/2011 17:46	08/10/2011 17:46	SS
74-95-3	Dibromomethane	ND		ug/L	1.3	5.0	1	EPA SW846-8260B	08/10/2011 17:46	08/10/2011 17:46	SS
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.83	5.0	1	EPA SW846-8260B	08/10/2011 17:46	08/10/2011 17:46	SS
87-68-3	Hexachlorobutadiene	ND		ug/L	0.43	5.0	1	EPA SW846-8260B	08/10/2011 17:46	08/10/2011 17:46	SS
1634-04-4	**Methyl tert-butyl ether (MTBE)**	**1.7**	J	ug/L	0.38	5.0	1	EPA SW846-8260B	08/10/2011 17:46	08/10/2011 17:46	SS
75-09-2	**Methylene chloride**	**1.1**	J, B	ug/L	1.1	10	1	EPA SW846-8260B	08/10/2011 17:46	08/10/2011 17:46	SS
98-06-6	tert-Butylbenzene	ND		ug/L	0.46	5.0	1	EPA SW846-8260B	08/10/2011 17:46	08/10/2011 17:46	SS
127-18-4	Tetrachloroethylene	ND		ug/L	0.52	5.0	1	EPA SW846-8260B	08/10/2011 17:46	08/10/2011 17:46	SS
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.65	5.0	1	EPA SW846-8260B	08/10/2011 17:46	08/10/2011 17:46	SS
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.68	5.0	1	EPA SW846-8260B	08/10/2011 17:46	08/10/2011 17:46	SS
79-01-6	Trichloroethylene	ND		ug/L	0.57	5.0	1	EPA SW846-8260B	08/10/2011 17:46	08/10/2011 17:46	SS
75-69-4	Trichlorofluoromethane	ND		ug/L	0.91	5.0	1	EPA SW846-8260B	08/10/2011 17:46	08/10/2011 17:46	SS
75-01-4	Vinyl Chloride	ND		ug/L	0.97	5.0	1	EPA SW846-8260B	08/10/2011 17:46	08/10/2011 17:46	SS

Volatile Organics, tert-Butyl Alcohol

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

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
75-65-0	tert-Butyl alcohol (TBA)	ND		ug/L	6.1	8.0	1	EPA SW846-8260B	08/10/2011 17:46	08/10/2011 17:46	SS

Sample Information

Client Sample ID: MW-3S @ 1021 **York Sample ID:** 11H0142-06

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
11H0142	Village of Mamaroneck	Water	August 2, 2011 10:21 am	08/02/2011

Arsenic by EPA 6010

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

Sample Prepared by Method: EPA SW 846-3010A

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-38-2	Arsenic	ND		mg/L	0.00130	0.0100	1	EPA SW846-6010B	08/08/2011 08:49	08/08/2011 12:03	MW

Cadmium by EPA 6010

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

Sample Prepared by Method: EPA SW 846-3010A

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-43-9	Cadmium	ND		mg/L	0.00100	0.00300	1	EPA SW846-6010B	08/08/2011 08:49	08/08/2011 12:03	MW

Copper by EPA 6010

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

Sample Prepared by Method: EPA SW 846-3010A

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-50-8	**Copper**	**0.0133**		mg/L	0.00160	0.00500	1	EPA SW846-6010B	08/08/2011 08:49	08/08/2011 12:03	MW

Lead by EPA 6010

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

Sample Prepared by Method: EPA SW 846-3010A

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-92-1	**Lead**	**0.0165**		mg/L	0.00120	0.00300	1	EPA SW846-6010B	08/08/2011 08:49	08/08/2011 12:03	MW

Zinc by EPA 6010

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

Sample Prepared by Method: EPA SW 846-3010A

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-66-6	**Zinc**	**0.0477**		mg/L	0.000900	0.0200	1	EPA SW846-6010B	08/08/2011 08:49	08/08/2011 12:03	MW

Mercury by 7470/7471

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

Sample Prepared by Method: EPA SW846-7470

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	Mercury	ND		mg/L	0.0000390	0.0002000	1	EPA SW846-7470	08/04/2011 11:54	08/04/2011 11:54	AA

Sample Information

Client Sample ID: Trip Blank **York Sample ID:** 11H0142-07

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
11H0142	Village of Mamaroneck	Water	August 2, 2011 1:00 pm	08/02/2011

Volatile Organics, 8260 List

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

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/L	0.54	5.0	1	EPA SW846-8260B	08/10/2011 18:28	08/10/2011 18:28	SS
71-55-6	1,1,1-Trichloroethane	ND		ug/L	0.95	5.0	1	EPA SW846-8260B	08/10/2011 18:28	08/10/2011 18:28	SS
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.57	5.0	1	EPA SW846-8260B	08/10/2011 18:28	08/10/2011 18:28	SS

Sample Information

Client Sample ID: **Trip Blank** **York Sample ID:** **11H0142-07**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
11H0142	Village of Mamaroneck	Water	August 2, 2011 1:00 pm	08/02/2011

Volatile Organics, 8260 List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	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	0.60	5.0	1	EPA SW846-8260B	08/10/2011 18:28	08/10/2011 18:28	SS
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.61	5.0	1	EPA SW846-8260B	08/10/2011 18:28	08/10/2011 18:28	SS
75-34-3	1,1-Dichloroethane	ND		ug/L	0.69	5.0	1	EPA SW846-8260B	08/10/2011 18:28	08/10/2011 18:28	SS
75-35-4	1,1-Dichloroethylene	ND		ug/L	1.3	5.0	1	EPA SW846-8260B	08/10/2011 18:28	08/10/2011 18:28	SS
563-58-6	1,1-Dichloropropylene	ND		ug/L	0.43	5.0	1	EPA SW846-8260B	08/10/2011 18:28	08/10/2011 18:28	SS
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	0.37	10	1	EPA SW846-8260B	08/10/2011 18:28	08/10/2011 18:28	SS
96-18-4	1,2,3-Trichloropropane	ND		ug/L	1.1	5.0	1	EPA SW846-8260B	08/10/2011 18:28	08/10/2011 18:28	SS
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.48	10	1	EPA SW846-8260B	08/10/2011 18:28	08/10/2011 18:28	SS
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	1.3	10	1	EPA SW846-8260B	08/10/2011 18:28	08/10/2011 18:28	SS
106-93-4	1,2-Dibromoethane	ND		ug/L	0.68	5.0	1	EPA SW846-8260B	08/10/2011 18:28	08/10/2011 18:28	SS
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.59	5.0	1	EPA SW846-8260B	08/10/2011 18:28	08/10/2011 18:28	SS
107-06-2	1,2-Dichloroethane	ND		ug/L	0.65	5.0	1	EPA SW846-8260B	08/10/2011 18:28	08/10/2011 18:28	SS
78-87-5	1,2-Dichloropropane	ND		ug/L	0.22	5.0	1	EPA SW846-8260B	08/10/2011 18:28	08/10/2011 18:28	SS
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.47	5.0	1	EPA SW846-8260B	08/10/2011 18:28	08/10/2011 18:28	SS
142-28-9	1,3-Dichloropropane	ND		ug/L	0.69	5.0	1	EPA SW846-8260B	08/10/2011 18:28	08/10/2011 18:28	SS
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.68	5.0	1	EPA SW846-8260B	08/10/2011 18:28	08/10/2011 18:28	SS
594-20-7	2,2-Dichloropropane	ND		ug/L	0.96	5.0	1	EPA SW846-8260B	08/10/2011 18:28	08/10/2011 18:28	SS
95-49-8	2-Chlorotoluene	ND		ug/L	0.49	5.0	1	EPA SW846-8260B	08/10/2011 18:28	08/10/2011 18:28	SS
106-43-4	4-Chlorotoluene	ND		ug/L	0.49	5.0	1	EPA SW846-8260B	08/10/2011 18:28	08/10/2011 18:28	SS
108-86-1	Bromobenzene	ND		ug/L	0.61	5.0	1	EPA SW846-8260B	08/10/2011 18:28	08/10/2011 18:28	SS
74-97-5	Bromochloromethane	ND		ug/L	1.3	5.0	1	EPA SW846-8260B	08/10/2011 18:28	08/10/2011 18:28	SS
75-27-4	Bromodichloromethane	ND		ug/L	0.62	5.0	1	EPA SW846-8260B	08/10/2011 18:28	08/10/2011 18:28	SS
75-25-2	Bromoform	ND		ug/L	0.58	5.0	1	EPA SW846-8260B	08/10/2011 18:28	08/10/2011 18:28	SS
74-83-9	Bromomethane	ND		ug/L	1.2	5.0	1	EPA SW846-8260B	08/10/2011 18:28	08/10/2011 18:28	SS
56-23-5	Carbon tetrachloride	ND		ug/L	1.0	5.0	1	EPA SW846-8260B	08/10/2011 18:28	08/10/2011 18:28	SS
108-90-7	Chlorobenzene	ND		ug/L	0.35	5.0	1	EPA SW846-8260B	08/10/2011 18:28	08/10/2011 18:28	SS
75-00-3	Chloroethane	ND		ug/L	0.76	5.0	1	EPA SW846-8260B	08/10/2011 18:28	08/10/2011 18:28	SS
67-66-3	Chloroform	ND		ug/L	0.36	5.0	1	EPA SW846-8260B	08/10/2011 18:28	08/10/2011 18:28	SS
74-87-3	Chloromethane	ND		ug/L	0.89	5.0	1	EPA SW846-8260B	08/10/2011 18:28	08/10/2011 18:28	SS
156-59-2	cis-1,2-Dichloroethylene	ND		ug/L	0.96	5.0	1	EPA SW846-8260B	08/10/2011 18:28	08/10/2011 18:28	SS
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.35	5.0	1	EPA SW846-8260B	08/10/2011 18:28	08/10/2011 18:28	SS
124-48-1	Dibromochloromethane	ND		ug/L	0.67	5.0	1	EPA SW846-8260B	08/10/2011 18:28	08/10/2011 18:28	SS
74-95-3	Dibromomethane	ND		ug/L	1.3	5.0	1	EPA SW846-8260B	08/10/2011 18:28	08/10/2011 18:28	SS
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.83	5.0	1	EPA SW846-8260B	08/10/2011 18:28	08/10/2011 18:28	SS

Sample Information

Client Sample ID: **Trip Blank** **York Sample ID:** **11H0142-07**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
11H0142	Village of Mamaroneck	Water	August 2, 2011 1:00 pm	08/02/2011

Volatile Organics, 8260 List

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

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
87-68-3	Hexachlorobutadiene	ND		ug/L	0.43	5.0	1	EPA SW846-8260B	08/10/2011 18:28	08/10/2011 18:28	SS
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.38	5.0	1	EPA SW846-8260B	08/10/2011 18:28	08/10/2011 18:28	SS
75-09-2	**Methylene chloride**	**1.2**	J, B	ug/L	1.1	10	1	EPA SW846-8260B	08/10/2011 18:28	08/10/2011 18:28	SS
98-06-6	tert-Butylbenzene	ND		ug/L	0.46	5.0	1	EPA SW846-8260B	08/10/2011 18:28	08/10/2011 18:28	SS
127-18-4	Tetrachloroethylene	ND		ug/L	0.52	5.0	1	EPA SW846-8260B	08/10/2011 18:28	08/10/2011 18:28	SS
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.65	5.0	1	EPA SW846-8260B	08/10/2011 18:28	08/10/2011 18:28	SS
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.68	5.0	1	EPA SW846-8260B	08/10/2011 18:28	08/10/2011 18:28	SS
79-01-6	Trichloroethylene	ND		ug/L	0.57	5.0	1	EPA SW846-8260B	08/10/2011 18:28	08/10/2011 18:28	SS
75-69-4	Trichlorofluoromethane	ND		ug/L	0.91	5.0	1	EPA SW846-8260B	08/10/2011 18:28	08/10/2011 18:28	SS
75-01-4	Vinyl Chloride	ND		ug/L	0.97	5.0	1	EPA SW846-8260B	08/10/2011 18:28	08/10/2011 18:28	SS

Volatile Organics, tert-Butyl Alcohol

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

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
75-65-0	tert-Butyl alcohol (TBA)	ND		ug/L	6.1	8.0	1	EPA SW846-8260B	08/10/2011 18:28	08/10/2011 18:28	SS

YORK
ANALYTICAL LABORATORIES, INC.

Notes and Definitions

J	Detected below the Reporting Limit but greater than or equal to the Method Detection Limit (MDL); therefore, the result is an estimated concentration.
B	Analyte is found in the associated analysis batch blank. For volatiles, methylene chloride and acetone are common lab contaminants. Data users should consider anything <10x the blank value as artifact.

ND	Analyte NOT DETECTED at the stated Reporting Limit (RL) or above.
RL	REPORTING LIMIT - the minimum reportable value based upon the lowest point in the analyte calibration curve.
MDL	METHOD DETECTION LIMIT - the minimum concentration that can be measured and reported with a 99% confidence that the concentration is greater than zero. If requested or required, a value reported below the RL and above the MDL is considered estimated and is noted with a "J" flag.
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.

Corrective Action:

YORK
ANALYTICAL LABORATORIES, INC.
120 RESEARCH DR. STRATFORD, CT 06615
(203) 325-1371 FAX (203) 357-0166

Field Chain-of-Custody Record

NOTE: York's Std. Terms & Conditions are listed on the back side of this document. This document serves as your written authorization to York to proceed with the analyses requested and your signature binds you to York's Std. Terms & Conditions unless superseded by written contract.

York Project No. 11H0142

YOUR Information	**Report To:**	**Invoice To:**
Company: Zion Environmental	Company: Same	Company: Same
Address: 172 Excelsior Ave Mont., NY 10940	Address:	Address:
Phone No. 845 649 9346	Phone No.	Phone No.
Contact Person: Brian Nichols	Attention:	Attention:
E-Mail Address: zionenvironmental@frontiernet.net	E-Mail Address:	E-Mail Address:

YOUR Project ID: Village of Mamaroneck

Purchase Order No.

Samples from: CT ___ NY X NJ ___

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

Report Type/Deliverbles
- Summary Report ___
- Summary w/ QA Summary ___
- CT RCP Package ___
- NY ASP A Package ___
- NY ASP B Package ___
- *Electronic Deliverables:*
- EDD (Specify Type) ___
- Excel ___

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.

Samples Collected/Authorized By (Signature)

Brian Nichols
Name (printed)

Matrix Codes
S - soil
Other - specify(oil, etc.)
WW - wastewater
GW - groundwater
DW - drinking water
Air-A - ambient air
Air-SV - soil vapor

Volatiles		Semi-Vols.	Pest/PCB/Herb	Metals	Misc. Org.	Full Lists	Common Miscellaneous Parameters		
8260 full	TICs	8270 or 625	8082PCB	RCRA8	TPH GRO	Pri.Poll.	Corrosivity	Nitrate	Color
624	Site Spec.	STARS list	8081Pest	PP13 list	TPH DRO	TCL Organics	Reactivity	Nitrite	Phenols
STARS list	Nassau Co.	BN Only	8151Herb	TAL	CT ETPH	TAL Met/CN	Ignitability	TKN	Cyanide-T
BTEX	Suffolk Co.	Acids Only	CT RCP	CT15 list	NY 310-13	Full TCLP	Flash Point	Tot.Nitrogen	Cyanide-A
MTBE	Ketones	PAH list	App. IX	TAGM list	TPH 1664	Full App. IX	Sieve Anal.	Ammonia-N	BOD5
TCL list	Oxygenates	TAGM list	Site Spec.	NJDEP list	Air TO14A	Part 360-Routine	Heterotrophs	Chloride	CBOD5
TAGM list	TCLP list	CT RCP list	SPLP or TCLP	Total	Air TO15	Part 360-Baseline	TOX	Phosphate	BOD28
CT RCP list	524.2	TCL list	TCLP Pest	Dissolved	Air STARS	Part 360-Expanded No Dioxins/Furans	BTU/lb.	Tot. Phos.	COD
Arom. only	502.2	NJDEP list	TCLP Herb	SPLP or TCLP	Air VPH	Part 360-Expanded Full List	Aquatic Tox.	Oil&Grease	TSS
Halog.only	NJDEP list	App. IX	Chlordane	Indiv. Metals	Air TICs	NYCDEP Sewer	TOC	F.O.G.	Total Solids
App.IX list	SPLP or TCLP	TCLP BNA	608 Pest	LIST Below	Methane	NYSDEC Sewer	Asbestos	pH	TDS
8021B list		SPLP or TCLP	608 PCB		Helium	TAGM	Silica	MBAS	TPH-1664

Special Instructions
Field Filtered ☐
Lab to Filter ☐

Sample Identification	Date Sampled	Sample Matrix	Container Description(s)
MW-1D @ 1232	8-2-2011	GW	1 Plastic 2 voa's
MW-1S @ 1310	8-2-2011	GW	1 Plastic 2 voa's
MW-2D @ 1118	8-2-2011	GW	1 Plastic 2 voa's
MW-2S @ 1145	8-2-2011	GW	1 Plastic 2 voa's
MW-3D @ 1010	8-2-2011	GW	1 Plastic 2 voa's
MW-3S @ 1021	8-2-2011	GW	1 Plastic 2 voa's
TRIP BLANK	—	LAB DI	2 voa's

Choose Analyses Needed from the Menu Above and Enter Below

The samples for each well should be tested for the following parameters:

- Arsenic, Cadmium, Copper, Lead, Zinc by EPA 6010 / by EPA Method SW846-6010B
- Mercury by 7470/7471 / by EPA Method SW846-7470
- Volatile Organics, 8260 (custom list) w/TBA
  (MTBE, Tert-Butyl Alcohol and Tert-Butylbenzene)

Comments

Preservation Check those Applicable: 4°C ___ Frozen ___ HCl ___ MeOH ___ HNO_3 ___ H_2SO_4 ___ NaOH ___ Zn Ac ___ Ascorbic Acid ___ Other ___

Brian Nichols	8-2-11	8-2-11	14:10
Samples Relinquished By	Date/Time	Samples Received By	Date/Time
		8/2/11	1530
Samples Relinquished By	Date/Time	Samples Received in LAB by	Date/Time

Temperature on Receipt 4.7 °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 Lane Compost Site

GAS VENT MONITORING						
Gas Vent (GV) #	PID (ppm)	CH4 (%)	CO2 (%)	O2 (%)	Balance (%)	Remarks
1	0.0	0.0	1.0	13.7	85.3	
2	0.0	0.0	0.6	13.5	85.9	
3	0.0	0.0	0.8	13.2	86.0	
4	0.0	10.4	14.6	5.5	69.5	Bee's nest in vent
5	0.0	24.6	19.1	1.0	55.3	
6	0.0	0.0	0.2	13.5	86.3	
7	0.0	0.0	0.0	14.1	85.9	Bee's nest in vent
8	0.0	0.6	5.1	7.0	87.3	

BAR HOLE MONITORING						
Bar Hole (BH) #	PID (ppm)	CH4 (%)	CO2 (%)	O2 (%)	Balance (%)	Remarks
1	0.0	0.0	0.0	16.6	83.4	
2	0.0	0.0	0.0	16.3	83.7	
3	0.0	0.0	0.0	16.8	83.2	
4	0.0	0.0	0.1	16.7	83.2	
5	0.0	0.0	0.0	16.9	83.1	
6	0.0	0.0	0.1	16.1	83.8	
7	0.0	0.0	0.0	16.3	83.7	
8	0.0	0.0	0.4	15.8	83.8	
9	0.0	0.0	0.2	15.9	83.9	
10	0.0	0.0	0.3	15.7	84.0	
11	0.0	0.0	0.1	16.4	83.5	
12	0.0	0.0	0.0	16.1	83.9	
13	0.0	0.0	0.0	16.7	83.3	

Note: See drawing entitled "Drawing No. 1 - August 2011 Sampling Event" for monitoring locations.

Equipment used: GEM 500 and MiniRae PID

Attachment 4

Field Data Sheets

TAYLOR LANE, MAMARONECK - FIELD DATA - 08/02/2011													
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)	Water Quality Parameters					
								Sampling Time	pH (SU)	Conductivity (mS/cm2)	Temp. (oC)	ORP (mv)	Turbidity (NTU)
1S		2"	PVC	3.04	3.31	19.17	19.44	1310	6.69	914	18.9	-10.9	over 1,000
1D		2"	PVC	3.72	3.98	65.52	65.78	1232	7.61	666	16.9	-56.5	32
2S		2"	PVC	2.30	2.65	16.30	16.65	1145	7.31	987	16.5	-40.9	4
2D		2"	PVC	1.99	2.27	68.06	68.34	1118	7.55	731	16.9	-56.6	0.5
3S		2"	PVC	3.09	3.42	21.08	21.41	1021	6.36	1069	14.7	5.1	21
3D		2"	PVC	3.44	3.65	31.31	31.52	1010	6.30	1071	18.5	8.9	18

ID				TPVC	TOC	BPVC	BOC	ELEVATION
14D	16.75	2"	Metal	2.47	2.86	79.05	79.45	13.89
14S	16.52	2"	Metal	3.54	3.61	15.30	15.24	12.91
14M	16.80	2"	Metal	3.72	3.74	30.05	30.22	13.06
15D	19.17	2"	Metal	3.40	3.97	38.25	38.83	15.20
4D	18.47	2"	PVC	2.43	3.13	16.87	17.84	15.34
4S	17.57	2"	PVC	1.89	2.15	12.47	12.73	15.42
4M	20.49		Open	3.67	4.46	18.49	19.27	16.03
9D	32.08	4"	Metal	12.75	13.51	69.41	70.18	18.57
9S	32.42	2"	Metal	11.82	12.01	18.49	18.69	20.41

*PVC 0.07 ABOVE TOC

FIELD SAMPLING DATA SHEET

sample ID: **MW-1S** | sample date/time: 8/2/2011 @ 1310
(lab) sample number: MW-1S | field personnel: Brian Nichols
project: Mamaroneck
project number: 14-PSA-001 | observer:
weather conditions(estimate wind,cloud,precip,humidity,temp): Sunny 84 degrees

SAMPLE TYPE

- [ ] composite
- [X] grab
- [X] groundwater
- [ ] surface water
- [ ] soil
- [ ] sediment
- [ ] leachate
- [ ] industrial
- [ ] storm sewer
- [ ] gas
- [ ] other

MONITORING WELL DATA

casing diameter: 2" — [X] PVC [ ] steel [ ] other
static water level (ft): 3.31 — from [ ] well casing from [X] protective casing (Height - 2.64')
bottom depth (ft): 19.44 — from [ ] well casing from [X] protective casing
static water level indicator type: [ ] steel tape [X] electronic [ ] other
linear conversion: 0.16 | water volume in well: 2.58 gallons
well condition: New | X's 3 well volumes: 7.74 gallons

MONITORING WELL PURGE DATA

- [X] submersible pump
- [ ] PVC bailer
- [ ] suction pump
- [ ] teflon bailer
- [ ] poly bailer
- [ ] poly cup
- [ ] other

dedicated purge equipment ? [ ] yes [X] no

time purge began: 1235 | pumping rate: 1.0333 gallons per minute
time purge complete: 1306 | number of bails:
elapsed time: 31 minutes | well volumes purged: 11.63
volume purged: 30 gallons | well evacuated ? [X] yes [ ] no

SAMPLING DATA

- [ ] pump
- [ ] PVC bailer
- [X] poly bailer
- [ ] teflon bailer
- [ ] stainless bucket
- [ ] poly cup
- [ ] tedlar bag
- [ ] direct
- [ ] hand corer
- [ ] hand auger
- [ ] stainless spoon
- [ ] split spoon
- [ ] other

dedicated sampling equipment ? [X] yes [ ] no
metals field filtered ? [ ] yes [X] no
depth of sample: ~ 5 feet
sample containers: 1 Plastic / 2 Voa's

PHYSICAL AND CHEMICAL DATA

odor ? [X] no [ ] yes
sediment ? [ ] no [X] yes Black sediment
color ? [ ] no [X] yes Black
- [ ] clear
- [X] turbid
- [ ] sheen
- [ ] immiscible product
- [ ] other

pH (SU): 6.69 | temp (^{O}C): 18.9 | cond (mS/cm^2): 914
ORP (mv): -10.9 | turbidity (NTUs): Over 1,000
comments/remarks: Turbid, black, no odors.

Well re-development notes:

Water was black throughout the purging of the well. I was able to purge the first 10 gallons then the well went dry. The well recharged within two minutes. After the first 10 gallons, I was only able to purge 5 gallons at a time before the well would go dry. This well never cleared up and continued to be black. Purged a total of 30 gallons.

FIELD SAMPLING DATA SHEET

sample ID: **MW-1D** | sample date/time: 8/2/2011 @ 1232
(lab) sample number: MW-1D | field personnel: Brian Nichols
project: Mamaroneck
project number: 14-PSA-001 | observer:
weather conditions(estimate wind,cloud,precip,humidity,temp): Sunny 84 degrees

SAMPLE TYPE

- [ ] composite
- [X] grab
- [X] groundwater
- [ ] surface water
- [ ] soil
- [ ] sediment
- [ ] leachate
- [ ] industrial
- [ ] storm sewer
- [ ] gas
- [ ] other

MONITORING WELL DATA

casing diameter: 2" — [X] PVC [ ] steel [ ] other
static water level (ft): 3.98 — from [ ] well casing from [X] protective casing (Height - 2.64')
bottom depth (ft): 65.78 — from [ ] well casing from [X] protective casing
static water level indicator type: [ ] steel tape [X] electronic [ ] other
linear conversion: 0.16 | water volume in well: 9.89 gallons
well condition: New | X's 3 well volumes: 29.66 gallons

MONITORING WELL PURGE DATA

- [X] submersible pump
- [ ] PVC bailer
- [ ] suction pump
- [ ] teflon bailer
- [ ] poly bailer
- [ ] poly cup
- [ ] other

dedicated purge equipment ? [ ] yes [X] no

time purge began: 1205 | pumping rate: 3.4782 gallons per minute
time purge complete: 1228 | number of bails:
elapsed time: 23 minutes | well volumes purged: 8.09
volume purged: 80 gallons | well evacuated ? [ ] yes [X] no

SAMPLING DATA

- [ ] pump
- [ ] PVC bailer
- [X] poly bailer
- [ ] teflon bailer
- [ ] stainless bucket
- [ ] poly cup
- [ ] tedlar bag
- [ ] direct
- [ ] hand corer
- [ ] hand auger
- [ ] stainless spoon
- [ ] split spoon
- [ ] other

dedicated sampling equipment ? [X] yes [ ] no
metals field filtered ? [ ] yes [X] no

depth of sample: ~ 5 feet
sample containers: 1 Plastic / 2 Voa's

PHYSICAL AND CHEMICAL DATA

odor ? [X] no [ ] yes
sediment ? [X] no [ ] yes
color ? [X] no [ ] yes

- [X] clear
- [ ] turbid
- [ ] sheen
- [ ] immiscible product
- [ ] other

pH (SU): 7.61 | temp (^{O}C): 16.9 | cond (mS/cm^{2}): 666
ORP (mv): -56.5 | turbidity (NTUs): 32
comments/remarks: Clear, no odors.

Well re-development notes:

Water was black for the first 35 gallons then the well became clear for 10 more gallons. Moved the pump slowly up and down within the water column. The water became black for another 20 gallons while purging within the water column. The water became clear for the last 15 gallons. The well never went dry during the development of the well. Purged a total of 80 gallons.

FIELD SAMPLING DATA SHEET

sample ID	**MW-2S**	sample date/time	8/2/2011 @ 1145
(lab) sample number	MW-2S	field personnel	Brian Nichols
project	Mamaroneck		
project number	14-PSA-001	observer	

weather conditions(estimate wind,cloud,precip,humidity,temp): Sunny 84 degrees

SAMPLE TYPE

[ ] composite	[X] grab		
[X] groundwater	[ ] surface water	[ ] soil	[ ] sediment
[ ] leachate	[ ] industrial	[ ] storm sewer	[ ] gas
[ ] other			

MONITORING WELL DATA

casing diameter	2"	[X] PVC	[ ] steel	[ ] other	
static water level (ft)	2.65	from [ ] well casing	from [X] protective casing (Height - 2.64')		
bottom depth (ft)	16.65	from [ ] well casing	from [X] protective casing		
static water level indicator type		[ ] steel tape	[X] electronic	[ ] other	
linear conversion	0.16	water volume in well	2.24 gallons		
well condition	New	X's 3 well volumes	6.72 gallons		

MONITORING WELL PURGE DATA

[X] submersible pump	[ ] PVC bailer	[ ] suction pump	[ ] teflon bailer	
[ ] poly bailer	[ ] poly cup	[ ] other		
dedicated purge equipment ?	[ ] yes	[X] no		

time purge began	1120	pumping rate	3.2352 gallons per minute
time purge complete	1137	number of bails	
elapsed time	17 minutes	well volumes purged	24.55
volume purged	55 gallons	well evacuated ?	[ ] yes [X] no

SAMPLING DATA

[ ] pump	[ ] PVC bailer	[X] poly bailer	[ ] teflon bailer
[ ] stainless bucket	[ ] poly cup	[ ] tedlar bag	[ ] direct
[ ] hand corer	[ ] hand auger	[ ] stainless spoon	[ ] split spoon
[ ] other			

dedicated sampling equipment ?	[X] yes	[ ] no
metals field filtered ?	[ ] yes	[X] no

depth of sample: ~ 5 feet

sample containers: 1 Plastic / 2 Voa's

PHYSICAL AND CHEMICAL DATA

odor ?	[X] no	[ ] yes		
sediment ?	[X] no	[ ] yes		
color ?	[X] no	[ ] yes		
[X] clear	[ ] turbid	[ ] sheen	[ ] immiscible product	
[X] other	Some small black particles			

pH (SU)	7.31	temp (^{O}C)	16.5	cond (mS/cm^2)	987
ORP (mv)	-40.9	turbidity (NTUs)	4		

comments/remarks: Clear with some small black particles, no odors.

Well re-development notes:

Water was black for the first 20 gallons then the well became clear for 10 more gallons. Moved the pump slowly up and down within the water column. The water became black for another 15 gallons while purging within the water column. The water became clear for the last 10 gallons. The well never went dry during the development of the well. Purged a total of 55 gallons.

FIELD SAMPLING DATA SHEET

sample ID: **MW-2D** | sample date/time: 8/2/2011 @ 1118
(lab) sample number: MW-2D | field personnel: Brian Nichols
project: Mamaroneck
project number: 14-PSA-001 | observer:
weather conditions(estimate wind,cloud,precip,humidity,temp): Sunny 84 degrees

SAMPLE TYPE

- [ ] composite
- [X] grab
- [X] groundwater
- [ ] surface water
- [ ] soil
- [ ] sediment
- [ ] leachate
- [ ] industrial
- [ ] storm sewer
- [ ] gas
- [ ] other

MONITORING WELL DATA

casing diameter: 2" — [X] PVC [ ] steel [ ] other
static water level (ft): 2.27 — from [ ] well casing from [X] protective casing (Height - 2.64')
bottom depth (ft): 68.34 — from [ ] well casing from [X] protective casing
static water level indicator type: [ ] steel tape [X] electronic [ ] other
linear conversion: 0.16 | water volume in well: 10.57 gallons
well condition: New | X's 3 well volumes: 31.71 gallons

MONITORING WELL PURGE DATA

- [X] submersible pump
- [ ] PVC bailer
- [ ] suction pump
- [ ] teflon bailer
- [ ] poly bailer
- [ ] poly cup
- [ ] other

dedicated purge equipment ? [ ] yes [X] no

time purge began: 1048 | pumping rate: 3.7037 gallons per minute
time purge complete: 1115 | number of bails:
elapsed time: 27 minutes | well volumes purged: 9.46
volume purged: 100 gallons | well evacuated ? [ ] yes [X] no

SAMPLING DATA

- [ ] pump
- [ ] PVC bailer
- [X] poly bailer
- [ ] teflon bailer
- [ ] stainless bucket
- [ ] poly cup
- [ ] tedlar bag
- [ ] direct
- [ ] hand corer
- [ ] hand auger
- [ ] stainless spoon
- [ ] split spoon
- [ ] other

dedicated sampling equipment ? [X] yes [ ] no
metals field filtered ? [ ] yes [X] no

depth of sample: ~ 5 feet
sample containers: 1 Plastic / 2 Voa's

PHYSICAL AND CHEMICAL DATA

odor ? [X] no [ ] yes
sediment ? [X] no [ ] yes
color ? [X] no [ ] yes

- [X] clear
- [ ] turbid
- [ ] sheen
- [ ] immiscible product
- [ ] other

pH (SU): 7.55 | temp (^{O}C): 16.9 | cond (mS/cm^{2}): 731
ORP (mv): -56.6 | turbidity (NTUs): 0.5
comments/remarks: Clear, no odors.

Well re-development notes:

Water was clear for the first 65 gallons. Moved the pump slowly up and down within the water column. The water became turbid that was brown to grey in color for another 10 gallons. The water became clear for the last 25 gallons. The well never went dry during the development of the well. Purged a total of 100 gallons.

FIELD SAMPLING DATA SHEET

sample ID: **MW-3S** | sample date/time: 8/2/2011 @ 1021
(lab) sample number: MW-3S | field personnel: Brian Nichols
project: Mamaroneck
project number: 14-PSA-001 | observer:
weather conditions(estimate wind,cloud,precip,humidity,temp): Sunny 84 degrees

SAMPLE TYPE

- [ ] composite
- [X] grab
- [X] groundwater
- [ ] surface water
- [ ] soil
- [ ] sediment
- [ ] leachate
- [ ] industrial
- [ ] storm sewer
- [ ] gas
- [ ] other

MONITORING WELL DATA

casing diameter: 2" | [X] PVC | [ ] steel | [ ] other
static water level (ft): 3.42 | from [ ] well casing | from [X] protective casing (Height - 2.64')
bottom depth (ft): 21.41 | from [ ] well casing | from [X] protective casing
static water level indicator type | [ ] steel tape | [X] electronic | [ ] other
linear conversion: 0.16 | water volume in well: 2.88 gallons
well condition: New | X's 3 well volumes: 8.64 gallons

MONITORING WELL PURGE DATA

- [X] submersible pump
- [ ] PVC bailer
- [ ] suction pump
- [ ] teflon bailer
- [ ] poly bailer
- [ ] poly cup
- [ ] other

dedicated purge equipment ? [ ] yes [X] no

time purge began: 1000 | pumping rate: 3.3333 gallons per minute
time purge complete: 1015 | number of bails:
elapsed time: 15 minutes | well volumes purged: 17.36
volume purged: 50 gallons | well evacuated ? [ ] yes [X] no

SAMPLING DATA

- [ ] pump
- [ ] PVC bailer
- [X] poly bailer
- [ ] teflon bailer
- [ ] stainless bucket
- [ ] poly cup
- [ ] tedlar bag
- [ ] direct
- [ ] hand corer
- [ ] hand auger
- [ ] stainless spoon
- [ ] split spoon
- [ ] other

dedicated sampling equipment ? [X] yes [ ] no
metals field filtered ? [ ] yes [X] no

depth of sample: ~ 5 feet
sample containers: 1 Plastic / 2 Voa's

PHYSICAL AND CHEMICAL DATA

odor ? [X] no [ ] yes
sediment ? [X] no [ ] yes
color ? [X] no [ ] yes

- [X] clear
- [ ] turbid
- [ ] sheen
- [ ] immiscible product
- [X] other: Slightly turbid

pH (SU): 6.36 | temp (^{O}C): 14.7 | cond (mS/cm^2): 1069
ORP (mv): 5.1 | turbidity (NTUs): 21
comments/remarks: Clear, some small orange particles, no odors.

Well re-development notes:

Before and while purging the first 10 gallons, the water was very turbid with large orange particles. Moved the pump slowly up and down within the water column. The water became clear for the last 10 gallons purged. The well never went dry during the development of the well. Purged a total of 50 gallons.

FIELD SAMPLING DATA SHEET

sample ID: **MW-3D** | sample date/time: 8/2/2011 @ 1010
(lab) sample number: MW-3D | field personnel: Brian Nichols
project: Mamaroneck
project number: 14-PSA-001 | observer:
weather conditions(estimate wind,cloud,precip,humidity,temp): Sunny 84 degrees

SAMPLE TYPE

- [ ] composite
- [X] grab
- [X] groundwater
- [ ] surface water
- [ ] soil
- [ ] sediment
- [ ] leachate
- [ ] industrial
- [ ] storm sewer
- [ ] gas
- [ ] other

MONITORING WELL DATA

casing diameter: 2" — [X] PVC [ ] steel [ ] other
static water level (ft): 3.65 — from [ ] well casing from [X] protective casing (Height - 2.64')
bottom depth (ft): 31.52 — from [ ] well casing from [X] protective casing
static water level indicator type: [ ] steel tape [X] electronic [ ] other
linear conversion: 0.16 | water volume in well: 4.46 gallons
well condition: New | X's 3 well volumes: 13.38 gallons

MONITORING WELL PURGE DATA

- [X] submersible pump
- [ ] PVC bailer
- [ ] suction pump
- [ ] teflon bailer
- [ ] poly bailer
- [ ] poly cup
- [ ] other

dedicated purge equipment ? [ ] yes [X] no

time purge began: 923 | pumping rate: 1.8518 gallons per minute
time purge complete: 950 | number of bails:
elapsed time: 27 minutes | well volumes purged: 11.21
volume purged: 50 gallons | well evacuated ? [ ] yes [X] no

SAMPLING DATA

- [ ] pump
- [ ] PVC bailer
- [X] poly bailer
- [ ] teflon bailer
- [ ] stainless bucket
- [ ] poly cup
- [ ] tedlar bag
- [ ] direct
- [ ] hand corer
- [ ] hand auger
- [ ] stainless spoon
- [ ] split spoon
- [ ] other

dedicated sampling equipment ? [X] yes [ ] no
metals field filtered ? [ ] yes [X] no
depth of sample: ~ 5 feet
sample containers: 1 Plastic / 2 Voa's

PHYSICAL AND CHEMICAL DATA

odor ? [X] no [ ] yes
sediment ? [X] no [ ] yes
color ? [X] no [ ] yes

- [X] clear
- [ ] turbid
- [ ] sheen
- [ ] immiscible product
- [X] other: Slightly turbid

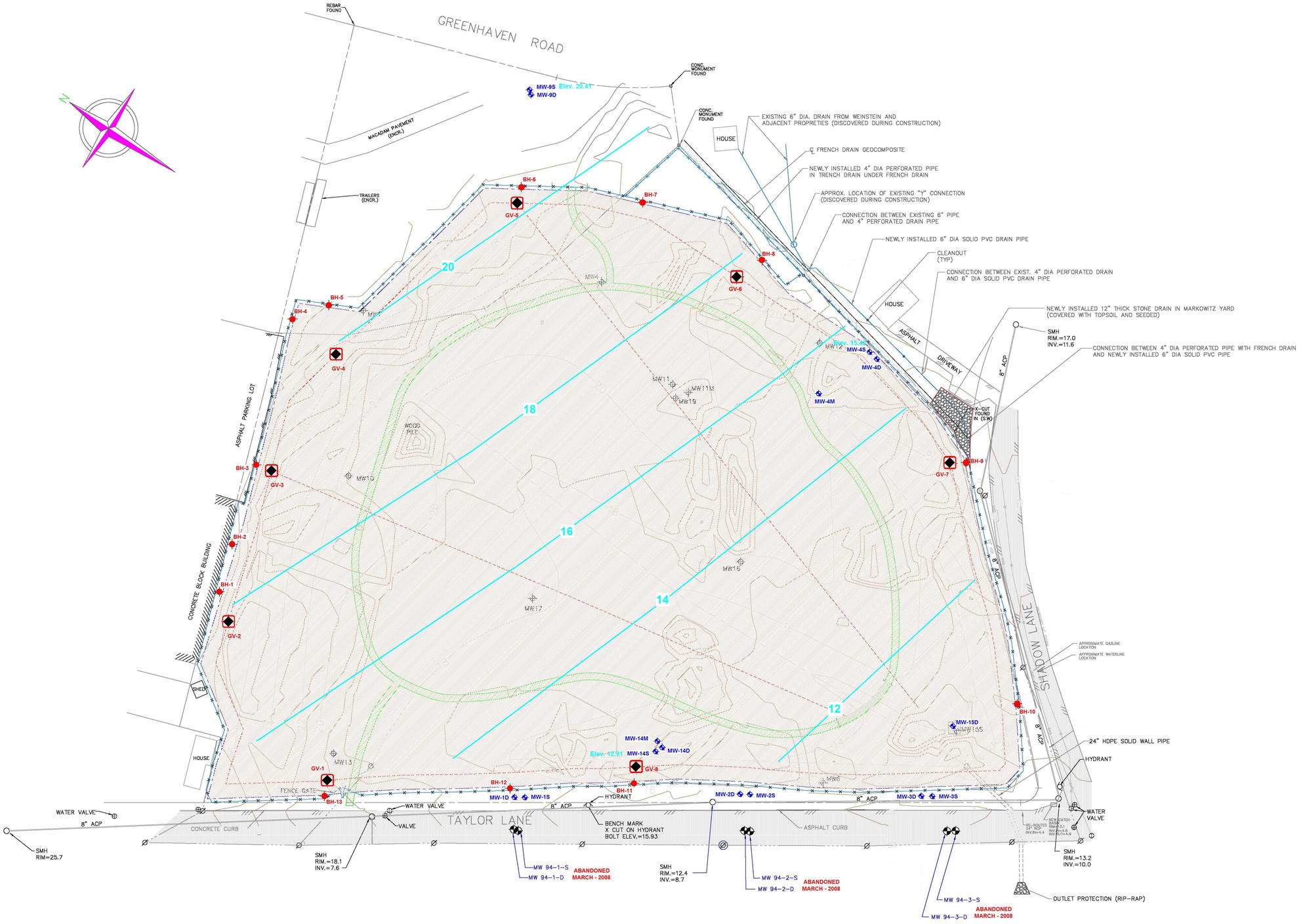
pH (SU): 6.3 | temp (^{O}C): 18.5 | cond (mS/cm^2): 1071
ORP (mv): 8.9 | turbidity (NTUs): 18
comments/remarks: Clear to slightly turbid, some small orange particles, no odors.

Well re-development notes:

Before and while purging the first 15 gallons, the water was turbid with medium orange particles. Moved the pump slowly up and down within the water column. The water became clear for the last 15 gallons purged. The well never went dry during the development of the well. Purged a total of 50 gallons.

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.

0 40 80
SCALE IN FEET

1" 1/2" 0" 1"

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
SITE MAP WITH
SHALLOW GROUNDWATER FLOW CONTOURS
AUGUST 2, 2011

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