

# LEGGETTE, BRASHEARS & GRAHAM, INC.

## PROFESSIONAL GROUNDWATER AND ENVIRONMENTAL ENGINEERING SERVICES

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WHITE PLAINS, NY 10604  
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May 12, 2014

Via e-mail: [tjbiel@gw.dec.state.ny.us](mailto:tjbiel@gw.dec.state.ny.us)

Mr. Thomas Biel  
New York State Department of  
Environmental Conservation - Region 7 Office  
Division of Environmental Remediation  
615 Erie Boulevard West  
Syracuse, NY 13204

RE: Groundwater Monitoring Report  
Deluxe Corporation  
Liverpool, New York  
NYSDEC VCP #V-00339

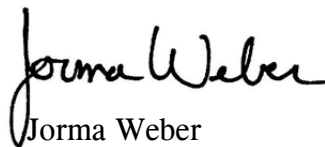
Dear Mr. Biel:

Attached is a Groundwater Monitoring Report (GMR) for January 2014. The next scheduled groundwater sampling event is October 2014 and the Annual Periodic Review Report will be submitted by November 22, 2014.

If you have any questions please do not hesitate to contact me at (914) 694-5711 or [weber@lbgny.com](mailto:weber@lbgny.com).

Very truly yours,

LEGGETTE, BRASHEARS & GRAHAM, INC.



Jorma Weber  
Senior Associate

JW:dmd  
Attachment  
cc: Jon Robertson

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**GROUNDWATER MONITORING REPORT  
JANUARY 2014**

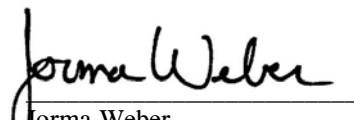
**DELUXE CORPORATION  
FORMER CHECK PRINTING FACILITY  
4707 DEY ROAD  
LIVERPOOL, NEW YORK**

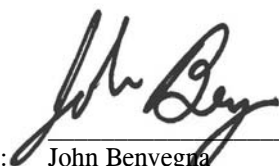
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**NYSDEC VCP #V-00339**

Prepared For: Deluxe Corporation  
3680 Victoria Street North  
Shoreview, MN 55126  
Attn: Mr. Jon Robertson  
(651) 490-8654, Ext. 528654

Prepared By: Leggette, Brashears & Graham, Inc.  
4 Westchester Park Drive  
Suite 175  
White Plains, NY 10604  
(914) 694-5711

  
\_\_\_\_\_  
Jorma Weber  
Senior Associate

  
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Reviewed By: John Benvegnia  
Vice President

**GROUNDWATER MONITORING REPORT  
JANUARY 2014**

**DELUXE CORPORATION  
FORMER CHECK PRINTING FACILITY  
4707 DEY ROAD  
LIVERPOOL, NEW YORK**

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**NYSDEC VCP #V-00339**

**Report Date:** May 12, 2014

**Project Manager:** Jorma Weber

**Field Personnel:** Michael Reiff

**Regulatory Contact:** New York State Department of  
Environmental Conservation  
Division of Environmental Remediation – Region 7  
615 Erie Boulevard  
Syracuse, NY 13204-2400  
Attn: Mr. Thomas Biel

**Site Description:** The site is a former Deluxe Check Printing facility and is currently owned and operated by M. S. Kennedy Corporation. Comprehensive details of former and current site use can be found in the Site Management Plan (SMP).

**Site Phase:** Annual groundwater monitoring (every 9 months) and Annual submittal of a Period Review Report (PRR). The next PRR will be submitted in November 2014.

**Methodology and  
Procedures:**

- Gauge and sample 19 groundwater monitor wells
- Groundwater samples analyzed for volatile organic compounds (VOCs) by USEPA Method 8260.
- Quality Assurance/Quality Control (QA/QC) trip blank sample analyzed for VOCs by USEPA Method 8260 modified to include MTBE.

**Analyzed By:** York Analytical Laboratories, Inc.  
120 Research Drive  
Stratford, CT 06615  
(203) 325-1371

**Monitoring and Sampling Results:**

**Groundwater Sampling:** On January 22, 2014, LBG personnel measured the depth to water and total depth of each of the 19 monitor wells at the site using an electronic interface probe. Water levels and well depths are summarized on table 1. The measurements were used to calculate the volume of water within each well. On January 22 and January 23, 2014, LBG evacuated 3 volumes of water from each well using a submersible pump set approximately 2 feet below the pumping water level. The pump was operated at a flow rate less than 3 gpm (gallons per minute) and dedicated polyethylene tubing was used for each well. At the conclusion of each well evacuation, LBG personnel measured the following geochemical parameters: temperature, pH, conductivity, dissolved oxygen and oxidation/reduction potential. All of these geochemical measurements are shown on table 1. Field data sheets for this sampling event are attached.

**GROUNDWATER MONITORING REPORT  
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**NYSDEC VCP #V-00339  
(continued)**

Evacuated purge water was stored temporarily in 55-gallon steel drums and was removed from the site on January 22, 2014 by Environmental Products and Services of Vermont, Inc. (EPS). The disposal manifest is attached.

After purging each well, groundwater samples were collected with disposable polyethylene bailers and transferred to laboratory-supplied containers. Each sample was stored in a chilled cooler and shipped to York Analytical Laboratories, Inc. (York) of Stratford, Connecticut for analysis of volatile organic compounds (VOCs) by EPA Method 8260. York is a New York State Department of Health (NYSDOH) Environmental Laboratory Approval Program (ELAP) certified laboratory. The laboratory report supplied by York included NYSDEC Analytical Services Protocol (ASP) Category B Deliverables. A field blank, trip blank, matrix spike and matrix spike duplicate were also sent to York. A copy of the laboratory reports excluding Category B Deliverables are attached. A Data Usability Summary Report (DUSR) will be prepared by Premier Environmental Services of Merrick, New York and will be included in the PRR to be submitted to NYSDEC in November 2014.

**Groundwater Quality - Well Cluster #1 (Former Underground Storage Tank Area):**

Monitor Well Cluster #1 is located at the former underground storage tank (UST) area (figure 1). Groundwater samples collected from these wells contain the highest concentrations of tetrachloroethylene (PCE) and its degradation byproducts. Laboratory analysis of groundwater samples collected from MW-1A and MW-1B on January 23, 2014 indicated PCE concentrations exceeding NYSDEC Ground Water Quality Standards (GWQS). On these dates, PCE concentrations were 160 ug/l (micrograms per liter) and 25 ug/l in MW-1A and MW-1B, respectively.

The historic concentrations of PCE and its degradation products decreases with depth below grade at the Well Cluster #1 location. No VOCs were detected in MW-1C on January 23, 2014 and VOCs have never been detected in MW-1D (the deepest #1 cluster well at 109 feet). Table 2.1 summarizes groundwater quality at Well Cluster #1.

**Groundwater Quality - Well Clusters #2 and #3:**

Well Clusters #2 and #3 are located to the east and northeast of the former UST area (50 to 60 feet away). Groundwater samples from Cluster #2 (east of the former UST area) did not contain VOCs above GWQS during the most recent sampling event. Historically, GWQS were exceeded for only one compound on one date in Cluster #2 (7 ug/l, 1,1-dichloroethane, MW-2C, April 30, 2003). Table 2.2 summarizes groundwater quality at Monitor Well Cluster #2.

Consistent with historical results groundwater samples collected from Well Cluster #3 (northeast of the former UST area) had no VOCs exceeding GWQS in the January 2014 samples. Table 2.3 summarized groundwater quality at Well Cluster #3.

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**NYSDEC VCP #V-00339  
(continued)**

**Groundwater Quality – Well Cluster #4 (North of Former UST Area):**

Groundwater samples collected from Well Cluster #4 contain the greatest VOC concentration lateral to Well Cluster #1. On the most recent sampling date (January 23, 2014), groundwater samples collected from Monitor Wells 4A and 4B contained PCE at concentrations of 29 ug/l and 50 ug/l, respectively. In addition, cis-1,2-dichloroethylene was detected in the groundwater samples from Monitor Well MW-4B at a concentration of 13 ug/l. Table 2.4 summarizes groundwater quality at Well Cluster #4.

**Groundwater Quality - Well Clusters #5, #6 and #7:**

The results of laboratory analysis from the most recent groundwater sampling date (January 23, 2014) indicate that the only VOC detection at this well cluster was PCE at 13 ug/l in Monitor Well 5A. Table 2.5 summarizes groundwater quality in Well Clusters 5, 6 and 7.

**Groundwater Flow:**

Groundwater flow through a bedrock aquifer is primarily through fractures, joints and bedding-plane partings. Flow direction is controlled by differences in potentiometric surface elevation within the aquifer and the orientation and general character of the secondary porosity paths (fractures, joints, etc.) over a local and regional scale.

Groundwater elevations calculated for the shallow “A” wells indicated a horizontal gradient to the north. The groundwater elevation in 5A was the lowest of all “A” wells on January 21, 2014 and was 8.64 feet lower than groundwater in the contamination source area (1A) 110 feet away. Groundwater in the shallow “A” zone flows to the north through unconsolidated sediment and weathered bedrock. A groundwater elevation contour map for the January 21, 2014 measurements from the “A” monitor wells is shown on figure 2.

Groundwater elevations calculated for the “B” wells indicate a horizontal gradient to the south-southeast. Groundwater elevations calculated for the “C” wells indicate a horizontal gradient to the southwest. Groundwater elevations calculated for the “D” wells indicate a horizontal gradient to the northeast.

Groundwater in the “B”, “C” and “D” wells flows through bedrock fractures; the flow patterns described above are estimates of the generalized flow direction and do not take into account any localized secondary porosity effects. Figure 3 depicts the generalized groundwater flow direction for the different bedrock intervals.

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**NYSDEC VCP #V-00339  
(continued)**

**Current Status/Plans:** The next groundwater sampling event is scheduled for October 2014 and the Annual PRR will be submitted in November 2014.

dmd

May 12, 2014

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**TABLE 1**  
**DELUXE CORPORATION**  
**FORMER CHECK PRINTING FACILITY**  
**4707 DEY ROAD**  
**LIVERPOOL, NEW YORK**

**Summary of Groundwater Elevations and Field Measurements**

Well ID	Date	Top of Casing Elevation (feet) <sup>1)</sup>	Total Depth (feet)	Depth to Water (ft btoc) <sup>2)</sup>	Groundwater Elevation (feet)	Conductivity (S/m) <sup>3)</sup>	Temperature (°C)	pH	Turbidity (NTU) <sup>4)</sup>	Dissolved Oxygen (mg/l) <sup>5)</sup>	ORP <sup>6)</sup> (mV) <sup>7)</sup>
1A	04/05/01	98.78	20.00	12.38	86.40	NM <sup>8)</sup>	NM	NM	NM	NM	NM
	10/15/02	-	-	15.25	83.53	0.067	15.2	7.21	72	7.0	76
	01/29/03	-	-	13.91	84.87	0.057	8.1	7.21	120	7.3	118
	04/28/03	-	-	13.00	85.78	0.140	15.0	7.02	270	8.1	NM
	09/24/03	-	-	16.64	82.14	0.050	NM	6.63	NM	NM	NM
	10/16/03	-	-	16.02	82.76	NM	NM	NM	NM	NM	NM
	04/22/13	-	20.05	12.15	86.63	0.117	12.04	7.55	321	7.03	-17
	01/22/14	-	20.15	13.63	85.15	0.092	6.98	7.46	NM	9.48	174
1B	04/05/01	98.87	40.20	33.39	65.48	NM	NM	NM	NM	NM	NM
	10/15/02	-	-	39.80	59.07	NM	NM	NM	NM	NM	NM
	01/29/03	-	-	Dry	-	-	-	-	-	-	-
	04/28/03	-	-	35.55	63.32	0.150	18.6	6.76	180	5.1	NM
	09/24/03	-	-	39.85	59.02	NM	NM	NM	NM	NM	NM
	04/22/13	-	40.40	36.58	62.29	0.145	14.54	7.59	287	5.14	-17
	01/22/14	-	40.32	39.38	59.49	0.127	8.49	9.18	NM	8.53	164
1C	04/05/01	99.20	60.10	37.55	61.65	NM	NM	NM	NM	NM	NM
	10/15/02	-	-	52.02	47.18	0.200	12.6	7.20	9	8.0	83
	01/29/03	-	-	43.97	55.23	0.140	11.8	6.98	21	8.0	124
	04/28/03	-	-	37.34	61.86	0.160	17.6	6.76	280	13.3	NM
	09/24/03	-	-	52.19	47.01	0.081	NM	6.60	NM	NM	NM
	10/16/03	-	-	52.33	46.87	NM	NM	NM	NM	NM	NM
	04/22/13	-	60.25	42.50	56.70	0.252	15.57	8.78	565	7.74	-72
	01/22/14	-	60.40	42.65	56.55	0.324	6.64	7.22	NM	9.54	31

**TABLE 1**  
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1D	09/24/03	98.78	109.52	49.74	49.04	0.294	NM	11.41	NM	NM	NM
	04/22/13	-	109.52	42.25	56.53	0.342	12.22	10.73	NM	6.73	-261
	01/22/14	-	109.50	41.00	57.78	0.354	7.22	11.52	NM	9.18	-38
2A	04/05/01	98.73	20.08	9.49	89.24	NM	NM	NM	NM	NM	NM
	10/15/02	-	-	14.52	84.21	0.210	17.4	6.88	81	5.0	91
	01/29/03	-	-	12.55	86.18	0.220	9.3	6.99	90	8.3	91
	04/28/03	-	-	10.75	87.98	0.220	12.2	6.79	820	5.8	NM
	09/24/03	-	-	15.42	83.31	0.084	NM	6.48	NM	NM	NM
	04/22/13	-	20.10	10.76	87.97	0.292	12.52	6.94	NM	9.20	17
	01/22/14	-	20.08	12.71	86.02	0.186	7.96	8.06	NM	8.66	182
2B	04/05/01	98.92	40.18	35.48	63.44	NM	NM	NM	NM	NM	NM
	10/15/02	-	-	39.80	59.12	NM	NM	NM	NM	NM	NM
	01/29/03	-	-	Dry	-	-	-	-	-	-	-
	04/28/03	-	-	36.01	62.91	0.100	16.6	6.87	500	6.0	NM
	09/24/03	-	-	39.95	58.97	NM	NM	NM	NM	NM	NM
	04/22/13	-	40.15	36.98	61.94	0.154	15.97	7.49	NM	8.19	4
	01/22/14	-	39.57	40.15	58.77	0.164	8.23	8.86	NM	8.50	161
2C	04/05/01	98.83	60.10	37.24	61.59	NM	NM	NM	NM	NM	NM
	10/15/02	-	-	51.78	47.05	0.220	13.2	6.64	5	7.7	97
	01/29/03	-	-	43.66	55.17	0.190	11.5	6.88	46	7.6	96
	04/28/03	-	-	37.00	61.83	0.180	17.2	6.99	390	7.7	NM
	09/24/03	-	-	51.83	47.00	0.077	NM	6.68	NM	NM	NM
	04/22/13	-	61.00	38.95	59.88	0.279	14.00	7.25	350	8.57	11
	01/22/14	-	61.00	42.30	56.53	0.202	7.13	7.11	NM	9.06	12



TABLE 1

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3A	04/05/01	98.31	20.00	8.79	89.52	NM	NM	NM	NM	NM	NM
	10/15/02	-	-	14.33	83.98	0.120	17.7	7.58	67	6.2	74
	01/29/03	-	-	12.39	85.92	0.120	13.1	7.02	56	4.9	53
	04/28/03	-	-	10.65	87.66	0.140	13.2	7.14	150	3.4	NM
	09/24/03	-	-	15.12	83.19	0.069	NM	6.82	NM	NM	NM
	04/22/13	-	20.00	10.20	88.11	0.244	12.55	9.78	NM	3.69	-198
	01/22/14	-	20.02	12.15	86.16	0.153	9.07	6.89	NM	7.79	31
3B	04/05/01	98.36	40.18	34.30	64.06	NM	NM	NM	NM	NM	NM
	10/15/02	-	-	39.86	58.50	NM	NM	NM	NM	NM	NM
	01/29/03	-	-	39.17	59.19	0.090	12.8	6.88	72	11.0	151
	04/28/03	-	-	35.10	63.26	0.078	19.6	7.10	100	4.5	NM
	09/24/03	-	-	39.95	58.41	NM	NM	NM	NM	NM	NM
	04/22/13	-	40.30	35.90	62.46	0.140	16.48	7.37	317	11.09	-4
	01/22/14	-	40.23	38.13	60.23	0.100	6.66	6.84	NM	9.30	191
3C	04/05/01	98.19	60.18	36.24	61.95	NM	NM	NM	NM	NM	NM
	10/15/02	-	-	50.06	48.13	0.230	13.4	7.13	23	8.0	87
	01/29/03	-	-	42.62	55.57	0.210	12.7	6.82	47	7.5	154
	04/28/03	-	-	35.99	62.20	0.200	15.2	6.59	110	8.0	NM
	09/24/03	-	-	50.15	48.04	0.072	NM	6.67	NM	NM	NM
	04/22/13	-	60.20	37.75	60.44	0.326	16.92	7.60	NM	8.58	-13
	01/22/14	-	60.30	41.10	57.09	0.270	7.87	5.66	NM	7.22	118

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4A	04/05/01	96.90	20.03	8.91	87.99	NM	NM	NM	NM	NM	NM
	10/15/02	-	-	13.19	83.71	0.120	16.0	7.16	97	6.3	82
	01/29/03	-	-	11.81	85.09	0.110	10.5	6.85	95	6.7	124
	04/28/03	-	-	10.70	86.20	0.100	19.3	6.56	500	5.7	NM
	09/24/03	-	-	13.85	83.05	0.053	NM	6.63	NM	NM	NM
	04/22/13	-	19.97	10.73	86.17	0.145	11.98	7.00	NM	6.50	19
	01/22/14	-	20.00	11.94	84.96	0.121	10.09	6.91	NM	8.16	186
4B	04/05/01	96.76	40.18	32.85	63.91	NM	NM	NM	NM	NM	NM
	10/15/02	-	-	38.78	57.98	NM	NM	NM	NM	NM	NM
	01/29/03	-	-	37.99	58.77	0.089	11.1	6.45	87	9.3	174
	04/28/03	-	-	33.35	63.41	0.083	17.3	6.78	700	7.0	NM
	09/24/03	-	-	39.01	57.75	0.017	NM	7.14	NM	NM	NM
	04/22/13	-	40.21	33.83	62.93	0.126	13.32	6.99	226	6.50	16
	01/22/14	-	40.17	36.65	60.11	0.102	8.32	7.36	nm	8.72	183
4C	04/05/01	96.50	60.20	34.73	61.77	NM	NM	NM	NM	NM	NM
	10/15/02	-	-	49.03	47.47	0.140	12.5	7.69	5	8.9	77
	01/29/03	-	-	41.15	55.35	0.150	12.8	7.01	160	9.2	115
	04/28/03	-	-	34.52	61.98	0.140	15.6	6.90	200	9.5	NM
	09/24/03	-	-	48.96	47.54	0.062	NM	6.78	NM	NM	NM
	04/22/13	-	60.17	36.42	60.08	0.301	13.65	4.69	246	6.17	16
	01/22/14	-	62.30	39.62	56.88	0.269	6.31	7.60	NM	10.22	167

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Well ID	Date	Top of Casing Elevation (feet) <sup>1)</sup>	Total Depth (feet)	Depth to Water (ft btoc) <sup>2)</sup>	Groundwater Elevation (feet)	Conductivity (S/m) <sup>3)</sup>	Temperature (°C)	pH	Turbidity (NTU) <sup>4)</sup>	Dissolved Oxygen (mg/l) <sup>5)</sup>	ORP <sup>6)</sup> (mV) <sup>7)</sup>
5A	09/24/03	96.52	22.48	21.98	74.54	0.016	NM	7.29	NM	NM	NM
	04/22/13	-	22.50	19.81	76.71	0.150	8.49	5.69	5	8.59	99
	01/22/14	-	22.59	20.01	76.51	0.128	4.66	7.32	NM	10.74	220
5D	09/24/03	96.19	111.88	106.14	-9.95	0.173	NM	7.10	NM	NM	NM
	04/22/13	-	111.88	40.20	55.99	2.70	13.19	10.47	648	6.78	-152
	01/22/14	-	112.00	51.80	44.39	1.77	10.11	12.59	NM	8.45	-6
6A	09/24/03	102.73	22.50	17.75	84.98	0.016	NM	6.71	NM	NM	NM
	04/22/13	-	23.50	13.15	89.58	0.097	8.66	8.57	NM	5.40	-48
	01/22/14	-	23.50	14.69	88.04	0.303	9.22	8.86	NM	8.94	23
6D	09/24/03	103.03	112.28	108.58	-5.55	0.148	NM	7.28	NM	NM	NM
	04/22/13	-	112.28	43.20	59.83	1.80	11.43	9.83	431	6.17	-95
	01/22/14	-	112.60	46.26	56.77	0.359	4.23	10.27	NM	9.00	87
7A	09/24/03	106.31	22.52	Dry	-	-	-	-	-	-	-
	04/22/13	-	22.55	11.00	95.31	0.379	11.92	8.84	973	4.44	-126
	01/22/14	-	22.59	11.20	95.11	0.009	9.67	7.13	NM	10.83	127
7D	09/24/03	105.98	112.15	59.83	46.15	0.016	NM	7.19	NM	NM	NM
	04/22/13	-	112.15	46.90	59.08	1.800	13.42	9.94	197	3.34	-230
	01/22/14	-	112.10	50.05	59.08	0.685	11.24	7.75	NM	12.42	-532

1) Elevations referenced to arbitrary datum

2) Feet below top of casing

3) Siemens per meter

4) Nephelometric turbidity units

5) Milligrams per liter

6) Oxydation reduction potential

7) Millivolts

8) Not measured

TABLE 2.1

**DELUXE CORPORATION  
FORMER CHECK PRINTING FACILITY  
4707 DEY ROAD  
LIVERPOOL, NEW YORK**

**Summary of Groundwater Quality - #1 Well Cluster  
(all concentrations in micrograms per liter)**

Well ID	Date Sampled	1,1,1-Trichloro-ethane	1,1-Dichloro-ethane	1,1-Dichloro-ethylene	cis-1,2-Dichloro-ethylene	1,2,4-Tri-methyl-benzene	1,3,5-Tri-methyl-benzene	Tetrachloro-ethylene (PCE)	Trichloro-ethylene (TCE)	Vinyl Chloride
1A	04/05/01	2	2	6	75	45	14	730	300	23
	10/15/02	7	<5	<5	53	<5	<5	860	340	<5
	01/31/03	12	<1	3	23	3	<1	610	190	3
	04/30/03	<5	<5	<5	12	<5	<5	310	82	<5
	09/24/03	12	<1	3	25	<1	<1	390	130	<1
	10/16/03	10	<1	3	49	<1	<1	360	140	<1
	04/23/13	<5	<5	<5	40	<5	<5	740	300	<5
01/23/14	<5	<5	<5	25	<5	<5	160	140	<5	
1B	04/05/01	27	1	7	70	34	11	670	290	20
	10/15/02	NS	NS	NS	NS	NS	NS	NS	NS	NS
	01/31/03	NS	NS	NS	NS	NS	NS	NS	NS	NS
	04/30/03	5	<1	<1	10	<1	<1	140	25	<1
	09/24/03	16	3	<2	8	<2	<2	280	27	<2
	04/23/13	<5	<5	<5	40	<5	<5	18	<5	<5
	01/23/14	<5	<5	<5	3 J	<5	<5	25	8.1	<5
1C	04/05/01	5	<1	<1	3	<1	<1	44	9	<1
	10/15/02	3	2	1	<1	<1	<1	3	<1	<1
	01/31/03	3	<1	<1	2	<1	<1	25	8	<1
	04/30/03	3	4	2	<1	<1	<1	10	1	<1
	09/24/03	4	3	2	<1	<1	<1	<1	<1	<1
	10/16/03	3	3	3	<1	<1	<1	2	<1	<1
	04/23/13	<5	<5	<5	<5	<5	<5	<5	<5	<5
	01/23/14	<5	<5	<5	<5	<5	<5	<5	<5	<5
1D	09/24/03	<1	<1	<1	<1	<1	<1	<1	<1	<1
	04/23/13	<5	<5	<5	<5	<5	<5	<5	<5	<5
	01/23/14	<5	<5	<5	<5	<5	<5	<5	<5	<5
NYSDEC GWQS <sup>1)</sup>		5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	2.0

1) - New York State Department of Environmental Conservation Ground Water Quality Standards

NS = Not sampled

Exceeds NYSDEC GWQS

TABLE 2.2

**DELUXE CORPORATION  
FORMER CHECK PRINTING FACILITY  
4707 DEY ROAD  
LIVERPOOL, NEW YORK**

**Summary of Groundwater Quality - #2 Well Cluster  
(all concentrations in micrograms per liter)**

Well ID	Date Sampled	1,1,1-Trichloroethane	1,1-Dichloroethane	1,1-Dichloroethylene	cis-1,2-Dichloroethylene	Tetrachloroethylene (PCE)	Trichloroethylene (TCE)	Vinyl Chloride
2 A	04/04/01	<1	<1	<1	<1	<1	<1	<1
	10/15/02	<1	<1	<1	<1	<1	<1	<1
	01/31/03	<1	<1	<1	<1	<1	<1	<1
	04/30/03	<1	<1	<1	<1	<1	<1	<1
	09/24/03	<1	<1	<1	<1	<1	<1	<1
	04/23/13	<5	<5	<5	<5	<5	<5	<5
	01/23/14	<5	<5	<5	<5	<5	<5	<5
2 B	04/04/01	<1	<1	<1	<1	<1	<1	<1
	10/15/02	NS	NS	NS	NS	NS	NS	NS
	01/31/03	NS	NS	NS	NS	NS	NS	NS
	04/30/03	<1	<1	<1	<1	<1	<1	<1
	09/24/03	NS	NS	NS	NS	NS	NS	NS
	04/23/13	<5	<5	<5	<5	<5	<5	<5
	01/23/14	<5	<5	<5	<5	<5	<5	<5
2 C	04/04/01	4	2	2	<1	<1	<1	<1
	10/15/02	3	2	2	<1	<1	<1	<1
	01/31/03	2	2	1	<1	<1	<1	<1
	04/30/03	3	7	3	<1	<1	<1	<1
	09/25/03	3	2	1	<1	<1	<1	<1
	04/23/13	<5	<5	<5	<5	<5	<5	<5
	01/23/14	<5	<5	<5	<5	<5	<5	<5
NYSDEC GWQS <sup>1)</sup>		5.0	5.0	5.0	5.0	5.0	5.0	2.0

1) - New York State Department of Environmental Conservation Ground Water Quality Standards

NS = Not sampled

Exceeds NYSDEC GWQS

TABLE 2.3

**DELUXE CORPORATION  
FORMER CHECK PRINTING FACILITY  
4707 DEY ROAD  
LIVERPOOL, NEW YORK**

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**Summary of Groundwater Quality - #3 Well Cluster  
(all concentrations in micrograms per liter)**

Well ID	Date Sampled	1,1,1-Trichloroethane	1,1-Dichloroethane	1,1-Dichloroethylene	cis-1,2-Dichloroethylene	Tetrachloroethylene (PCE)	Trichloroethylene (TCE)	Vinyl Chloride
3 A	04/04/01	<1	<1	<1	<1	<1	<1	<1
	10/15/02	<1	<1	2	<1	2	<1	<1
	01/31/03	<1	2	<1	<1	2	<1	<1
	04/30/03	<1	<1	<1	<1	<1	<1	<1
	09/25/03	<1	2	<1	<1	<1	<1	<1
	04/23/13	<5	<5	<5	<5	<5	<5	<5
	01/22/14	<5	<5	<5	<5	<5	<5	<5
3 B	04/04/01	<1	<1	<1	<1	<1	<1	<1
	10/15/02	NS	NS	NS	NS	NS	NS	NS
	01/31/03	<1	<1	<1	<1	<1	<1	<1
	04/30/03	<1	<1	<1	<1	<1	<1	<1
	09/25/03	NS	NS	NS	NS	NS	NS	NS
	04/23/13	<5	<5	<5	<5	<5	<5	<5
	01/22/14	<5	<5	<5	<5	<5	<5	<5
3 C	04/04/01	3	1	<1	<1	<1	<1	<1
	10/15/02	2	2	1	<1	<1	<1	<1
	01/31/03	4	2	2	<1	<1	<1	<1
	04/30/03	3	3	1	<1	<1	<1	<1
	09/25/03	2	2	1	<1	<1	<1	<1
	04/23/13	<5	<5	<5	<5	<5	<5	<5
	01/22/14	<5	<5	<5	<5	<5	<5	<5
NYSDEC GWQS <sup>1)</sup>	5.0	5.0	5.0	5.0	5.0	5.0	5.0	2.0

1) - New York State Department of Environmental Conservation Ground Water Quality Standards

NS = Not sampled

Exceeds NYSDEC GWQS

TABLE 2.4

**DELUXE CORPORATION  
FORMER CHECK PRINTING FACILITY  
4707 DEY ROAD  
LIVERPOOL, NEW YORK**

**Summary of Groundwater Quality - #4 Well Cluster  
(all concentrations in micrograms per liter)**

Well ID	Date Sampled	1,1,1-Trichloroethane	1,1-Dichloroethane	1,1-Dichloroethylene	cis-1,2-Dichloroethylene	Tetrachloroethylene (PCE)	Trichloroethylene (TCE)	Vinyl Chloride
4A	04/04/01	<1	<1	<1	<1	5	<1	<1
	10/15/02	6	<1	<1	2	170	13	<1
	01/31/03	2	<1	<1	<1	110	9	<1
	04/30/03	<1	<1	<1	<1	48	3	<1
	09/25/03	4	2	<1	1	130	9	<1
	04/23/13	23	<5	<5	<5	<5	<5	<5
	01/22/14	<5	<5	<5	<5	29	2.7 J	<5
4B	04/04/01	<1	<1	<1	<1	<1	<1	<1
	10/15/02	NS	NS	NS	NS	NS	NS	NS
	01/31/03	6	<1	1	5	68	12	<1
	04/30/03	8	<1	<1	11	88	20	<1
	09/25/03	<1	<1	<1	<1	14	3	<1
	04/23/13	3.7 J	<5	<5	18	67	28	<5
	01/22/14	3.3 J	<5	<5	13	58	20	<5
4C	04/04/01	4	<1	<1	<1	15	3	<1
	10/15/02	7	1	2	2	54	7	<1
	01/31/03	2	<1	<1	1	20	4	<1
	04/30/03	4	4	3	<1	12	1	<1
	09/25/03	5	2	2	<1	<1	<1	<1
	04/23/13	<5	<5	<5	<5	<5	<5	<5
	01/22/14	<5	<5	<5	<5	<5	<5	<5
NYSDEC GWQS <sup>1)</sup>		5.0	5.0	5.0	5.0	5.0	5.0	2.0

1) - New York State Department of Environmental Conservation Ground Water Quality Standards

NS = Not sampled

Exceeds NYSDEC GWQS

TABLE 2.5

**DELUXE CORPORATION  
FORMER CHECK PRINTING FACILITY  
4707 DEY ROAD  
LIVERPOOL, NEW YORK**

---

**Summary of Groundwater Quality - #5, 6, 7 Well Clusters  
(all concentrations in micrograms per liter)**

Well ID	Date Sampled	1,1,1-Trichloroethane	1,1-Dichloroethane	1,1-Dichloroethylene	cis-1,2-Dichloroethylene	Tetrachloroethylene (PCE)	Trichloroethylene (TCE)	Vinyl Chloride
5A	09/25/03	<1	<1	<1	<1	21	<1	<1
	04/23/13	<5	<5	<5	<5	9.7	<5	<5
	01/22/14	<5	<5	<5	<5	13	<5	<5
5D	09/25/03	<1	<1	<1	<1	<1	<1	<1
	04/23/13	<5	<5	<5	<5	<5	<5	<5
	01/22/14	<5	<5	<5	<5	<5	<5	<5
6A	09/25/03	<1	<1	<1	<1	<1	<1	<1
	04/23/13	<5	<5	<5	<5	<5	<5	<5
	01/22/14	<5	<5	<5	<5	<5	<5	<5
6D	09/25/03	<1	<1	<1	<1	<1	<1	<1
	04/23/13	<5	<5	<5	<5	<5	<5	<5
	01/22/14	<5	<5	<5	<5	<5	<5	<5
7A	09/25/03	NS	NS	NS	NS	NS	NS	NS
	04/23/13	<5	<5	<5	<5	<5	<5	<5
	01/23/14	<5	<5	<5	<5	<5	<5	<5
7D	09/25/03	<1	<1	<1	<1	<1	<1	<1
	04/23/13	<5	<5	<5	<5	<5	<5	<5
	01/23/14	<5	<5	<5	<5	<5	<5	<5
NYSDEC GWQS <sup>1)</sup>		5.0	5.0	5.0	5.0	5.0	5.0	2.0

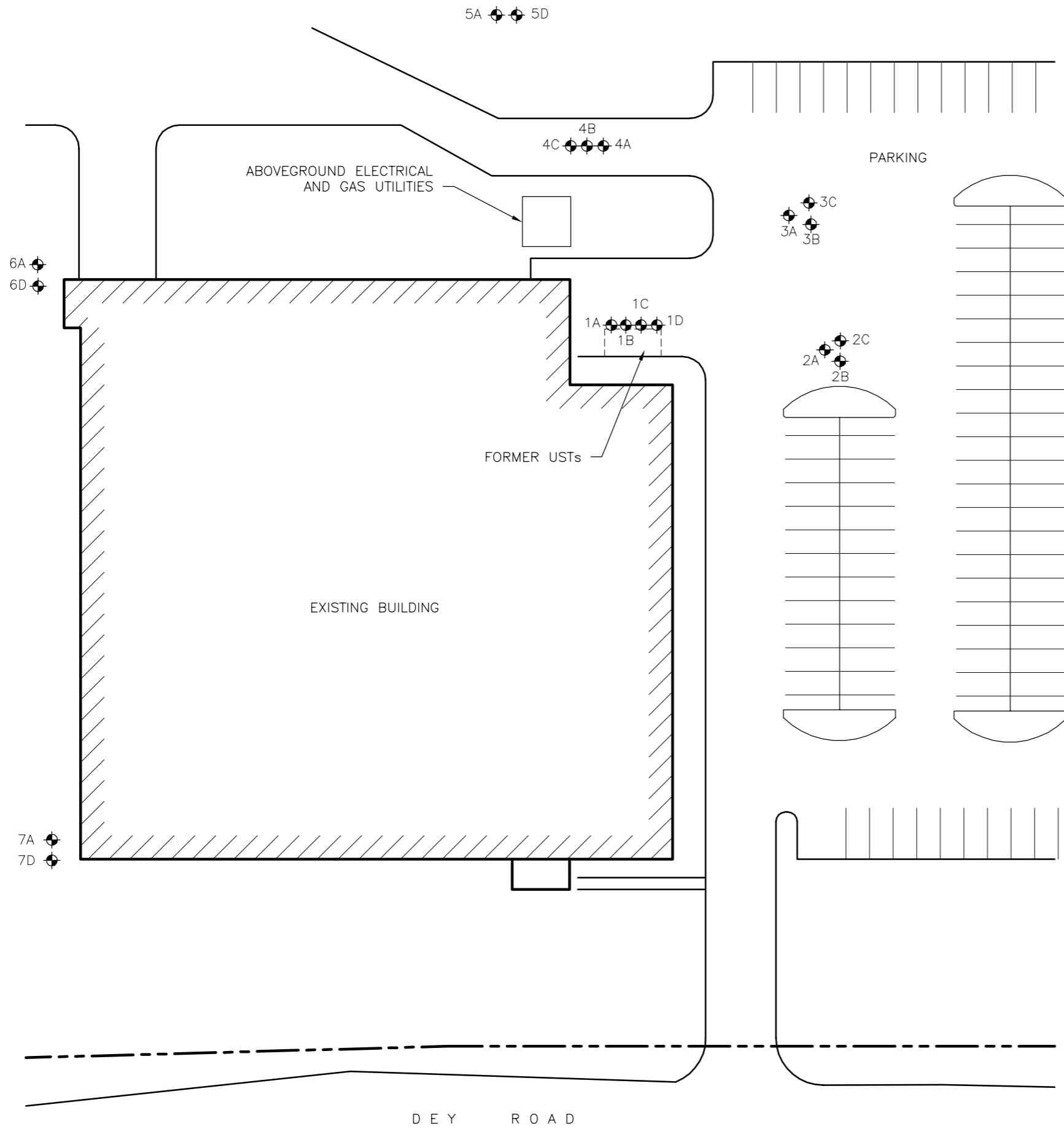
1) - New York State Department of Environmental Conservation Ground Water Quality Standards

NS = Not sampled

Exceeds NYSDEC GWQS



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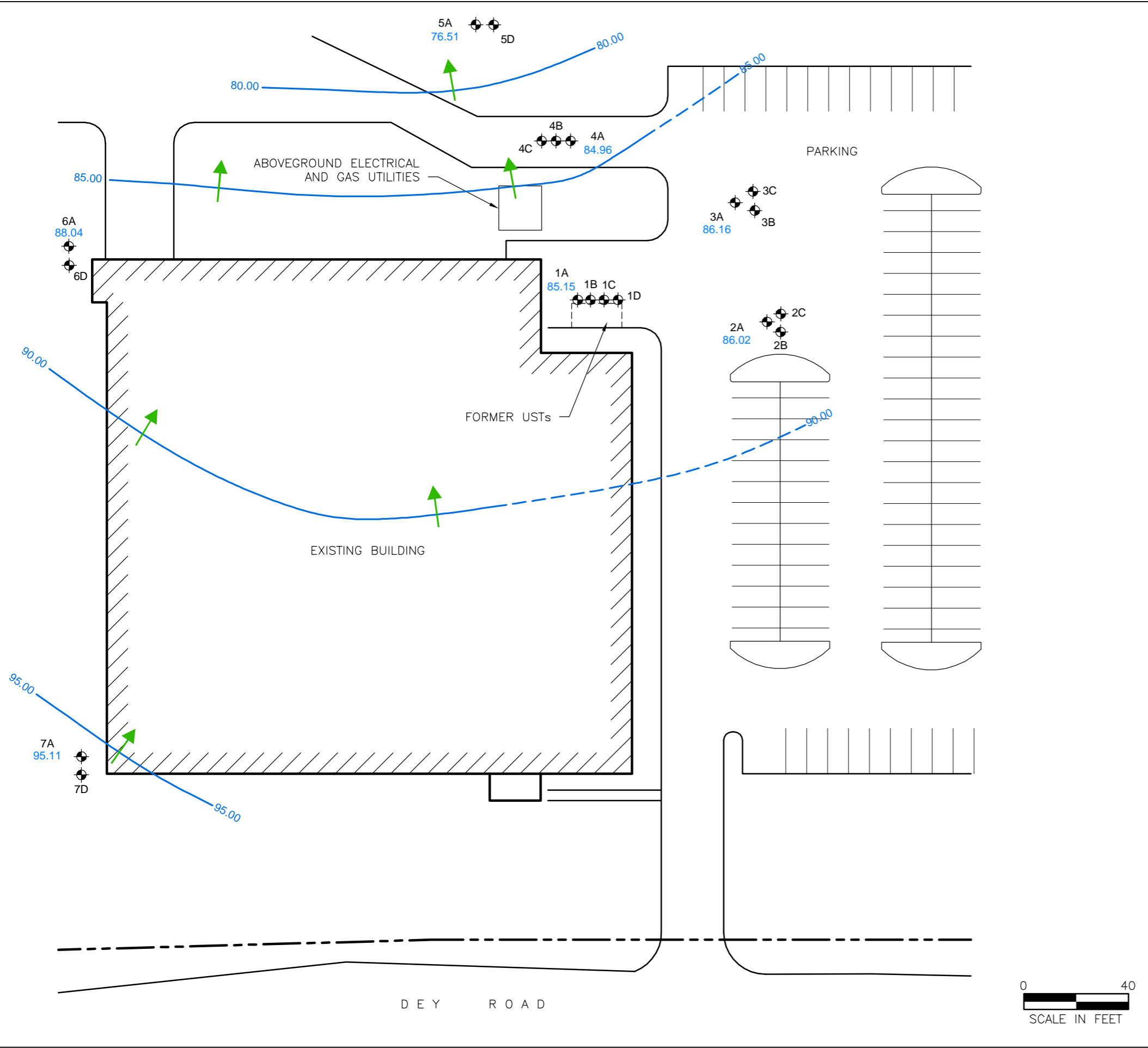
**LEGEND**

- PROPERTY LINE
- MONITOR WELL IDENTIFICATION AND LOCATION



<b>DELUXE CORPORATION</b> <b>FORMER CHECK PRINTING FACILITY</b> 4707 DEY ROAD LIVERPOOL, NEW YORK			
SITE PLAN			
DATE	REVISED	PREPARED BY:	
		<b>LEGGETTE, BRASHEARS &amp; GRAHAM, INC.</b> Professional Groundwater and Environmental Engineering Services 4 Gannett Drive Suite 175 White Plains, NY 10604 (914) 694-5711	
DRAWN:	RAC	CHECKED:	DM
		DATE:	11/08/13
		FIGURE:	1

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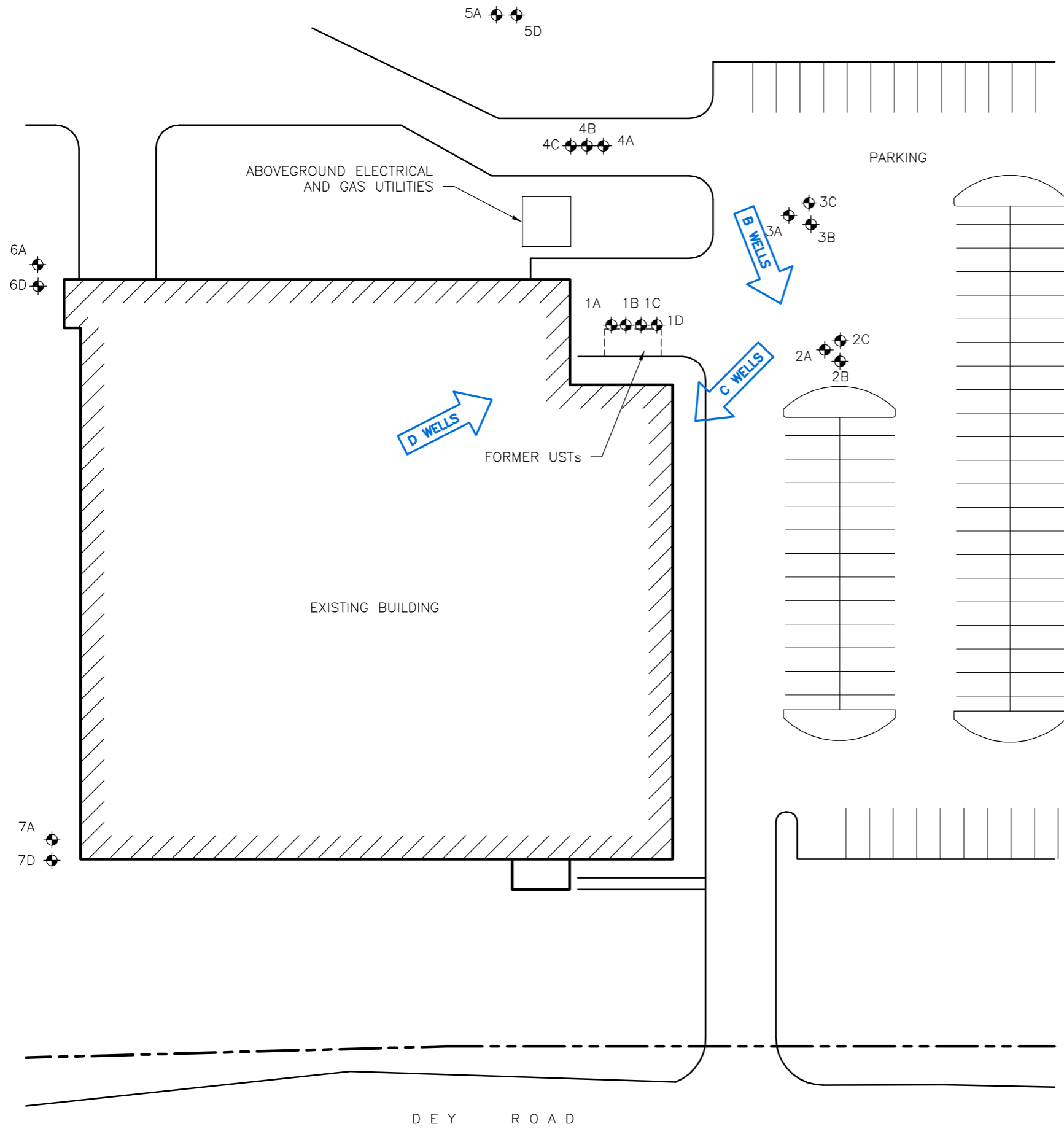
**LEGEND**

- PROPERTY LINE
- MONITOR WELL IDENTIFICATION AND LOCATION
- GROUNDWATER ELEVATION IN FEET
- GROUNDWATER ELEVATION CONTOUR (FEET) (DASHED WHERE INFERRED)
- DIRECTION OF GROUNDWATER FLOW



<b>DELUXE CORPORATION</b> <b>FORMER CHECK PRINTING FACILITY</b> <b>4707 DEY ROAD</b> <b>LIVERPOOL, NEW YORK</b>			
GROUNDWATER ELEVATION CONTOUR MAP FOR SHALLOW "A" WELLS JANUARY 21, 2014			
<b>DATE</b>	<b>REVISED</b>	<b>PREPARED BY:</b>	
		<b>LEGGETTE, BRASHEARS &amp; GRAHAM, INC.</b> Professional Groundwater and Environmental Engineering Services 4 Gannett Drive Suite 175 White Plains, NY 10604 (914) 694-5711	
<b>DRAWN:</b>	<b>MRV</b>	<b>CHECKED:</b>	<b>JW</b>
<b>DATE:</b>	<b>04/10/14</b>	<b>FIGURE:</b>	<b>2</b>

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**LEGEND**

- PROPERTY LINE
- MONITOR WELL IDENTIFICATION AND LOCATION
- DIRECTION OF GROUNDWATER FLOW



<b>DELUXE CORPORATION</b> <b>FORMER CHECK PRINTING FACILITY</b> 4707 DEY ROAD LIVERPOOL, NEW YORK			
GENERALIZED GROUNDWATER FLOW DIRECTIONS IN "B", "C" AND "D" BEDROCK MONITOR WELLS - JANUARY 21, 2014			
DATE	REVISED	PREPARED BY:	
		<b>LEGGETTE, BRASHEARS &amp; GRAHAM, INC.</b> Professional Groundwater and Environmental Engineering Services 4 Westchester Park Drive Suite 175 White Plains, NY 10604 (914) 694-5711	
DRAWN:	MRV	CHECKED:	JW
		DATE:	05/08/14
		FIGURE:	3

**LEGGETTE, BRASHEARS & GRAHAM, INC.**  
Professional Ground-Water and Environmental Engineering Services

110 Corporate Park Drive, Suite 112  
White Plains, New York 10604  
(914) 694-5711  
Fax: (914) 694-5744

3B  
MS/MSD/FD

Client: **Deluxe**

Location:

Date: **1/14/14, 1/22/14 & 1/23/14**

Weather/Comments: **-//**

Professional: **M Reiff**

Well Identification	Time Gauged	Depth to Product (ft btoc)	Depth to Groundwater (ft btoc)	Product Thickness (ft)	Total Depth (ft btoc)	GW Evacuated calc/actual (gallons)	FIELD PARAMETERS					Time Sampled	
							pH	Conductivity		DO (mg/l)	Temp (C)		ORP (mV)
								unit					
3A 2"	1300	-	12.15	-	20.02	3.77 5	6.89	1.53	MS/cm	7.79	9.07	31	9/22 0945
3B 2"	1305	-	38.13	-	40.23	1.00 2	6.89	1.00	MS/cm	9.30	6.66	191	1000
3C 2"	1306	-	41.10	-	60.30	9.21 10	5.66	2.70	MS/cm	7.22	7.87	118	1015
4A 2"	1315	-	11.94	-	20.00	3.96 4	6.91	1.21	MS/cm	8.16	10.09	186	1000
4B 2"	1326	-	36.65	-	40.17	1.68 2	7.36	1.02	MS/cm	8.72	8.32	185	1120
4C 2"	1333	-	39.62	-	62.30	10.58 12	7.60	2.69	MS/cm	10.22	6.31	167	1140
5A 2"	1340	-	20.01	-	27.59	1.2 2	7.32	1.26	MS/cm	10.74	4.66	200	1220
5D 4"	1345	-	51.80	-	112.00	115.58 15	12.59	17.7	MS/cm	8.45	10.11	-6	1255
6B 4"	1400	-	14.69	-	23.50	422 5 6D	8.86	3.03	MS/cm	8.94	9.22	23	01/14/2014
6A 2"	1405	-	46.26	-	12.60	127.8 15 64	10.27	3.59	MS/cm	9.00	4.23	87	6/15/05
7A 2"	1415	-	11.20	-	22.59	5.46 5	7.13	0.90	MS/cm	10.83	9.67	127	0900
7D 4"	1420	-	50.05	-	112.10	119.13 15	7.75	6.85	MS/cm	12.42	11.24	-532	0930
1A 4"	1450	-	13.63	-	20.15	12.51 10	7.46	0.92	MS/cm	9.48	6.98	174	1105
1B 4"	1455	-	39.38	-	40.32	1.50 2	9.18	1.27	MS/cm	8.53	8.49	164	1145
1C 4"	1500	-	42.65	-	60.40	24.08 15 20	7.22	3.24	MS/cm	9.54	6.64	315	1245
1D 4"	1502	-	41.00	-	109.50	121.52 15	11.52	3.59	MS/cm	9.18	7.22	-38	1338
2A	1525	-	12.71	-	20.08	3.53 5 4	8.06	1.86	MS/cm	8.66	7.96	182	1410
2B	1530	-	39.57	-	40.15	0.27 1	8.86	1.64	MS/cm	8.50	8.23	161	1440
2C	1535	-	42.50	-	61.00	8.9 1	7.11	2.02	MS/cm	9.06	7.13	12	1530

**Generator Name:** M S KENNEDY CORPORATION

**Generator EPA ID #:** NYD041826470

**Manifest #:** 006705653FLE

**LAND DISPOSAL RESTRICTION NOTIFICATION AND CERTIFICATION FORM**

This land disposal restriction (LDR) notification must be submitted with the initial shipment of all new waste streams. Subsequent notification is not required unless the waste stream changes. All sections **MUST** be completed. **INSTRUCTION**

**WASTE STREAM INFORMATION** – For each manifest line complete the following sections. For LDR's previously submitted or LAB PACK's with packing slips indicate such in column A or B and stop.

Line #	A LDR on file Non RCRA	B Lab Pack & Packing Slip	C EPA Waste Codes and subcategory reference letter from table (if applicable)	D Treatability Group		E F001 to F005 list numbers of Spent Solvent Constituents	F Treatment Method for Hazardous Waste per 40CFR268			
				WW Wastewater < 1% TOC < 1% TSS	NWW/ Not WW		Requires treatment mark which standard applies			Meets LDR treatment standards 40CFR268 Listed Waste Certify below
1	<input type="checkbox"/>	<input type="checkbox"/>	D039, F002	<input checked="" type="checkbox"/> NWW	<input type="checkbox"/> WW	21	<input checked="" type="checkbox"/> Other	<input type="checkbox"/> SOIL	<input type="checkbox"/> DEBRIS	<input type="checkbox"/>
2	<input type="checkbox"/>	<input type="checkbox"/>		<input type="checkbox"/> NWW	<input type="checkbox"/> WW		<input type="checkbox"/> Other	<input type="checkbox"/> SOIL	<input type="checkbox"/> DEBRIS	<input type="checkbox"/>
3	<input type="checkbox"/>	<input type="checkbox"/>		<input type="checkbox"/> NWW	<input type="checkbox"/> WW		<input type="checkbox"/> Other	<input type="checkbox"/> SOIL	<input type="checkbox"/> DEBRIS	<input type="checkbox"/>
4	<input type="checkbox"/>	<input type="checkbox"/>		<input type="checkbox"/> NWW	<input type="checkbox"/> WW		<input type="checkbox"/> Other	<input type="checkbox"/> SOIL	<input type="checkbox"/> DEBRIS	<input type="checkbox"/>

**ADDITIONAL INFORMATION FOR CHARACTERISTIC CODES D001 to D043. (check one)**

- Some or all of these waste streams contain underlying hazardous constituents (UHCs) in excess of the treatment standard of 40CFR268.40. These are indicated on the UHC/UTS table section of this LDR form or included on the waste profile.
- There are no underlying hazardous constituents (UHCs) present in any of these waste streams.

**SUBCATEGORY LETTER TABLE**

D001	A	Ignitable except high TOC ignitable liquids
	B	High TOC (> 10%) ignitable liquid
D003	A	Reactive sulfide
	B	Reactive cyanide
	C	Water reactive
	D	Other reactive
D006	A	Cadmium non-battery
	B	Cadmium containing batteries
D008	A	Lead non-battery
	B	Lead acid batteries
D009	A	High mercury organic (>260 PPM Total Hg)
	B	High mercury inorganic (> 260 PPM Total Hg)
	C	Low mercury (< 260 PPM Total Hg)
	D	Mercury wastewater

**SPENT SOLVENT WASTE CONSTITUENTS**

For F001-F005 indicate number of constituent in above table

1) acetone	15) methanol
2) benzene	16) methylene chloride
3) n-butyl alcohol	17) methyl ethyl ketone
4) iso-butyl alcohol	18) methyl isobutyl ketone
5) carbon disulfide	19) nitrobenzene
6) carbon tetrachloride	20) pyridine
7) chlorobenzene	21) tetrachloroethylene (Perc)
8) Cresols [o, m or p]	22) toluene
9) cresylic acid	23) 1,1,1,-trichloroethane
10) cyclohexanone	24) 1,1,2-trichloroethane
11) o-dichlorobenzene	25) trichloroethylene
12) ethyl acetate	26) trichloromonofluoromethane
13) ethyl benzene	27) 1,1,2-trichloro-1,2,2,-trifluoroethane
14) ethyl ether	28) xylenes

**This SOIL CERTIFICATION per alternate soil treatment {268.49} for indicated [circle] items.**

This is a hazardous waste contaminated soil. This contaminated soil does/does not <sup>(circle one)</sup> contain listed hazardous wastes and does/does not <sup>(circle one)</sup> exhibit a characteristic of hazardous waste and is subject to/complies with <sup>(circle one)</sup> the soil treatment standards as provided by 268.49(c) or the universal treatment standards.

**This Certification for material that meets treatment standards applies to the above listed items.**

This is an EPA hazardous waste that meets all applicable treatment standards set forth in 40 CFR 268 subpart D, and can be landfilled without further treatment. I certify under penalty of law that I have personally examined and am familiar with the waste through analysis and testing or thorough knowledge of the waste to support this certification that the waste complies with the treatment standards specified in 40 CFR Part 268 Subpart D and all applicable prohibitions set forth in 40 CFR 268.32 or RCRA Section 3004(d). I believe that the information I submitted is true, accurate and complete. I am aware that there are significant penalties for submitting a false certification, including the possibility of a fine and imprisonment.

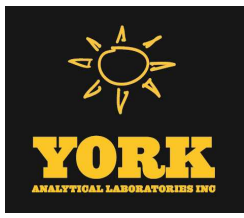
**CERTIFICATION- All section MUST be completed:** I certify that all information on this and all associated documents is complete and accurate to the best of my knowledge.

Signature: James Burrows

Title: Maint. MGR

Printed Name: James Burrows

Date: 2/4/14



# Technical Report

prepared for:

**Leggette Brashears & Graham White Plains Office**

4 Westchester Park Drive, Suite 175

White Plains NY, 10604

**Attention: Jorma Weber**

Report Date: 02/03/2014

**Client Project ID: Deluxe**

York Project (SDG) No.: 14A0764

CT Cert. No. PH-0723

New Jersey Cert. No. CT-005



New York Cert. No. 10854

PA Cert. No. 68-04440

**Leggette Brashears & Graham White Plains Office**  
4 Westchester Park Drive, Suite 175  
White Plains NY, 10604  
Attention: Jorma Weber

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## 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 January 27, 2014 and listed below. The project was identified as your project: **Deluxe**.

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.

<u>York Sample ID</u>	<u>Client Sample ID</u>	<u>Matrix</u>	<u>Date Collected</u>	<u>Date Received</u>
14A0764-01	MW-3A	Water	01/22/2014	01/27/2014
14A0764-02	MW-3B	Water	01/22/2014	01/27/2014
14A0764-03	MW-3C	Water	01/22/2014	01/27/2014
14A0764-04	MW-4A	Water	01/22/2014	01/27/2014
14A0764-05	MW-4B	Water	01/22/2014	01/27/2014
14A0764-06	MW-4C	Water	01/22/2014	01/27/2014
14A0764-07	MW-5A	Water	01/22/2014	01/27/2014
14A0764-08	MW-5D	Water	01/22/2014	01/27/2014
14A0764-09	MW-6A	Water	01/22/2014	01/27/2014
14A0764-10	MW-6D	Water	01/22/2014	01/27/2014
14A0764-11	MW-7A	Water	01/23/2014	01/27/2014
14A0764-12	MW-7D	Water	01/23/2014	01/27/2014
14A0764-13	MW-1A	Water	01/23/2014	01/27/2014
14A0764-14	MW-1B	Water	01/23/2014	01/27/2014
14A0764-15	MW-1C	Water	01/23/2014	01/27/2014
14A0764-16	MW-1D	Water	01/23/2014	01/27/2014
14A0764-17	MW-2A	Water	01/23/2014	01/27/2014
14A0764-18	MW-2B	Water	01/23/2014	01/27/2014
14A0764-19	MW-2C	Water	01/23/2014	01/27/2014
14A0764-20	Field Duplicate	Water	01/22/2014	01/27/2014
14A0764-21	Field Blank	Water	01/23/2014	01/27/2014
14A0764-22	Trip Blank	Water	01/22/2014	01/27/2014

**General Notes for York Project (SDG) No.: 14A0764**

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:**



**Benjamin Gulizia**  
Laboratory Director

**Date:** 02/03/2014







### Sample Information

**Client Sample ID:** MW-3A

**York Sample ID:** 14A0764-01

**York Project (SDG) No.**  
14A0764

**Client Project ID**  
Deluxe

**Matrix**  
Water

**Collection Date/Time**  
January 22, 2014 9:45 am

**Date Received**  
01/27/2014

**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	2.5	5.0	1	EPA 8260C	01/31/2014 09:02	01/31/2014 23:03	BK
71-55-6	1,1,1-Trichloroethane	ND		ug/L	2.5	5.0	1	EPA 8260C	01/31/2014 09:02	01/31/2014 23:03	BK
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	2.5	5.0	1	EPA 8260C	01/31/2014 09:02	01/31/2014 23:03	BK
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/L	2.5	5.0	1	EPA 8260C	01/31/2014 09:02	01/31/2014 23:03	BK
79-00-5	1,1,2-Trichloroethane	ND		ug/L	2.5	5.0	1	EPA 8260C	01/31/2014 09:02	01/31/2014 23:03	BK
75-34-3	1,1-Dichloroethane	ND		ug/L	2.5	5.0	1	EPA 8260C	01/31/2014 09:02	01/31/2014 23:03	BK
75-35-4	1,1-Dichloroethylene	ND		ug/L	2.5	5.0	1	EPA 8260C	01/31/2014 09:02	01/31/2014 23:03	BK
563-58-6	1,1-Dichloropropylene	ND		ug/L	2.5	5.0	1	EPA 8260C	01/31/2014 09:02	01/31/2014 23:03	BK
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	2.5	5.0	1	EPA 8260C	01/31/2014 09:02	01/31/2014 23:03	BK
96-18-4	1,2,3-Trichloropropane	ND		ug/L	2.5	5.0	1	EPA 8260C	01/31/2014 09:02	01/31/2014 23:03	BK
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	2.5	5.0	1	EPA 8260C	01/31/2014 09:02	01/31/2014 23:03	BK
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	2.5	5.0	1	EPA 8260C	01/31/2014 09:02	01/31/2014 23:03	BK
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	2.5	5.0	1	EPA 8260C	01/31/2014 09:02	01/31/2014 23:03	BK
106-93-4	1,2-Dibromoethane	ND		ug/L	2.5	5.0	1	EPA 8260C	01/31/2014 09:02	01/31/2014 23:03	BK
95-50-1	1,2-Dichlorobenzene	ND		ug/L	2.5	5.0	1	EPA 8260C	01/31/2014 09:02	01/31/2014 23:03	BK
107-06-2	1,2-Dichloroethane	ND		ug/L	2.5	5.0	1	EPA 8260C	01/31/2014 09:02	01/31/2014 23:03	BK
78-87-5	1,2-Dichloropropane	ND		ug/L	2.5	5.0	1	EPA 8260C	01/31/2014 09:02	01/31/2014 23:03	BK
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	2.5	5.0	1	EPA 8260C	01/31/2014 09:02	01/31/2014 23:03	BK
541-73-1	1,3-Dichlorobenzene	ND		ug/L	2.5	5.0	1	EPA 8260C	01/31/2014 09:02	01/31/2014 23:03	BK
142-28-9	1,3-Dichloropropane	ND		ug/L	2.5	5.0	1	EPA 8260C	01/31/2014 09:02	01/31/2014 23:03	BK
106-46-7	1,4-Dichlorobenzene	ND		ug/L	2.5	5.0	1	EPA 8260C	01/31/2014 09:02	01/31/2014 23:03	BK
594-20-7	2,2-Dichloropropane	ND		ug/L	2.5	5.0	1	EPA 8260C	01/31/2014 09:02	01/31/2014 23:03	BK
78-93-3	2-Butanone	ND		ug/L	2.5	5.0	1	EPA 8260C	01/31/2014 09:02	01/31/2014 23:03	BK
95-49-8	2-Chlorotoluene	ND		ug/L	2.5	5.0	1	EPA 8260C	01/31/2014 09:02	01/31/2014 23:03	BK
106-43-4	4-Chlorotoluene	ND		ug/L	2.5	5.0	1	EPA 8260C	01/31/2014 09:02	01/31/2014 23:03	BK
67-64-1	Acetone	ND		ug/L	2.5	5.0	1	EPA 8260C	01/31/2014 09:02	01/31/2014 23:03	BK
71-43-2	Benzene	ND		ug/L	2.5	5.0	1	EPA 8260C	01/31/2014 09:02	01/31/2014 23:03	BK
108-86-1	Bromobenzene	ND		ug/L	2.5	5.0	1	EPA 8260C	01/31/2014 09:02	01/31/2014 23:03	BK
74-97-5	Bromochloromethane	ND		ug/L	2.5	5.0	1	EPA 8260C	01/31/2014 09:02	01/31/2014 23:03	BK
75-27-4	Bromodichloromethane	ND		ug/L	2.5	5.0	1	EPA 8260C	01/31/2014 09:02	01/31/2014 23:03	BK



### Sample Information

**Client Sample ID:** MW-3A

**York Sample ID:** 14A0764-01

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

14A0764

Deluxe

Water

January 22, 2014 9:45 am

01/27/2014

**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
75-25-2	Bromoform	ND		ug/L	2.5	5.0	1	EPA 8260C	01/31/2014 09:02	01/31/2014 23:03	BK
74-83-9	Bromomethane	ND		ug/L	2.5	5.0	1	EPA 8260C	01/31/2014 09:02	01/31/2014 23:03	BK
56-23-5	Carbon tetrachloride	ND		ug/L	2.5	5.0	1	EPA 8260C	01/31/2014 09:02	01/31/2014 23:03	BK
108-90-7	Chlorobenzene	ND		ug/L	2.5	5.0	1	EPA 8260C	01/31/2014 09:02	01/31/2014 23:03	BK
75-00-3	Chloroethane	ND		ug/L	2.5	5.0	1	EPA 8260C	01/31/2014 09:02	01/31/2014 23:03	BK
67-66-3	Chloroform	ND		ug/L	2.5	5.0	1	EPA 8260C	01/31/2014 09:02	01/31/2014 23:03	BK
74-87-3	Chloromethane	ND		ug/L	2.5	5.0	1	EPA 8260C	01/31/2014 09:02	01/31/2014 23:03	BK
156-59-2	cis-1,2-Dichloroethylene	ND		ug/L	2.5	5.0	1	EPA 8260C	01/31/2014 09:02	01/31/2014 23:03	BK
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	2.5	5.0	1	EPA 8260C	01/31/2014 09:02	01/31/2014 23:03	BK
124-48-1	Dibromochloromethane	ND		ug/L	2.5	5.0	1	EPA 8260C	01/31/2014 09:02	01/31/2014 23:03	BK
74-95-3	Dibromomethane	ND		ug/L	2.5	5.0	1	EPA 8260C	01/31/2014 09:02	01/31/2014 23:03	BK
75-71-8	Dichlorodifluoromethane	ND		ug/L	2.5	5.0	1	EPA 8260C	01/31/2014 09:02	01/31/2014 23:03	BK
100-41-4	Ethyl Benzene	ND		ug/L	2.5	5.0	1	EPA 8260C	01/31/2014 09:02	01/31/2014 23:03	BK
87-68-3	Hexachlorobutadiene	ND		ug/L	2.5	5.0	1	EPA 8260C	01/31/2014 09:02	01/31/2014 23:03	BK
98-82-8	Isopropylbenzene	ND		ug/L	2.5	5.0	1	EPA 8260C	01/31/2014 09:02	01/31/2014 23:03	BK
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	2.5	5.0	1	EPA 8260C	01/31/2014 09:02	01/31/2014 23:03	BK
75-09-2	Methylene chloride	ND		ug/L	2.5	5.0	1	EPA 8260C	01/31/2014 09:02	01/31/2014 23:03	BK
91-20-3	Naphthalene	ND		ug/L	2.5	5.0	1	EPA 8260C	01/31/2014 09:02	01/31/2014 23:03	BK
104-51-8	n-Butylbenzene	ND		ug/L	2.5	5.0	1	EPA 8260C	01/31/2014 09:02	01/31/2014 23:03	BK
103-65-1	n-Propylbenzene	ND		ug/L	2.5	5.0	1	EPA 8260C	01/31/2014 09:02	01/31/2014 23:03	BK
95-47-6	o-Xylene	ND		ug/L	2.5	5.0	1	EPA 8260C	01/31/2014 09:02	01/31/2014 23:03	BK
179601-23-1	p- & m- Xylenes	ND		ug/L	5.0	10	1	EPA 8260C	01/31/2014 09:02	01/31/2014 23:03	BK
99-87-6	p-Isopropyltoluene	ND		ug/L	2.5	5.0	1	EPA 8260C	01/31/2014 09:02	01/31/2014 23:03	BK
135-98-8	sec-Butylbenzene	ND		ug/L	2.5	5.0	1	EPA 8260C	01/31/2014 09:02	01/31/2014 23:03	BK
100-42-5	Styrene	ND		ug/L	2.5	5.0	1	EPA 8260C	01/31/2014 09:02	01/31/2014 23:03	BK
98-06-6	tert-Butylbenzene	ND		ug/L	2.5	5.0	1	EPA 8260C	01/31/2014 09:02	01/31/2014 23:03	BK
127-18-4	Tetrachloroethylene	ND		ug/L	2.5	5.0	1	EPA 8260C	01/31/2014 09:02	01/31/2014 23:03	BK
108-88-3	Toluene	ND		ug/L	2.5	5.0	1	EPA 8260C	01/31/2014 09:02	01/31/2014 23:03	BK
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	2.5	5.0	1	EPA 8260C	01/31/2014 09:02	01/31/2014 23:03	BK
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	2.5	5.0	1	EPA 8260C	01/31/2014 09:02	01/31/2014 23:03	BK
79-01-6	Trichloroethylene	ND		ug/L	2.5	5.0	1	EPA 8260C	01/31/2014 09:02	01/31/2014 23:03	BK



### Sample Information

**Client Sample ID:** MW-3A

**York Sample ID:** 14A0764-01

<u>York Project (SDG) No.</u> 14A0764	<u>Client Project ID</u> Deluxe	<u>Matrix</u> Water	<u>Collection Date/Time</u> January 22, 2014 9:45 am	<u>Date Received</u> 01/27/2014
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**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
75-69-4	Trichlorofluoromethane	ND		ug/L	2.5	5.0	1	EPA 8260C	01/31/2014 09:02	01/31/2014 23:03	BK
75-01-4	Vinyl Chloride	ND		ug/L	2.5	5.0	1	EPA 8260C	01/31/2014 09:02	01/31/2014 23:03	BK
1330-20-7	Xylenes, Total	ND		ug/L	7.5	15	1	EPA 8260C	01/31/2014 09:02	01/31/2014 23:03	BK
108-05-4	Vinyl acetate	ND		ug/L	2.5	5.0	1	EPA 8260C	01/31/2014 09:02	01/31/2014 23:03	BK
	<b>Surrogate Recoveries</b>	<b>Result</b>			<b>Acceptance Range</b>						
17060-07-0	Surrogate: 1,2-Dichloroethane-d4	101 %			78-122						
460-00-4	Surrogate: p-Bromofluorobenzene	101 %			87-112						
2037-26-5	Surrogate: Toluene-d8	97.8 %			91-110						

### Sample Information

**Client Sample ID:** MW-3B

**York Sample ID:** 14A0764-02

<u>York Project (SDG) No.</u> 14A0764	<u>Client Project ID</u> Deluxe	<u>Matrix</u> Water	<u>Collection Date/Time</u> January 22, 2014 10:00 am	<u>Date Received</u> 01/27/2014
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**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	2.5	5.0	1	EPA 8260C	01/31/2014 09:02	01/31/2014 23:42	BK
71-55-6	1,1,1-Trichloroethane	ND		ug/L	2.5	5.0	1	EPA 8260C	01/31/2014 09:02	01/31/2014 23:42	BK
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	2.5	5.0	1	EPA 8260C	01/31/2014 09:02	01/31/2014 23:42	BK
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/L	2.5	5.0	1	EPA 8260C	01/31/2014 09:02	01/31/2014 23:42	BK
79-00-5	1,1,2-Trichloroethane	ND		ug/L	2.5	5.0	1	EPA 8260C	01/31/2014 09:02	01/31/2014 23:42	BK
75-34-3	1,1-Dichloroethane	ND		ug/L	2.5	5.0	1	EPA 8260C	01/31/2014 09:02	01/31/2014 23:42	BK
75-35-4	1,1-Dichloroethylene	ND		ug/L	2.5	5.0	1	EPA 8260C	01/31/2014 09:02	01/31/2014 23:42	BK
563-58-6	1,1-Dichloropropylene	ND		ug/L	2.5	5.0	1	EPA 8260C	01/31/2014 09:02	01/31/2014 23:42	BK
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	2.5	5.0	1	EPA 8260C	01/31/2014 09:02	01/31/2014 23:42	BK
96-18-4	1,2,3-Trichloropropane	ND		ug/L	2.5	5.0	1	EPA 8260C	01/31/2014 09:02	01/31/2014 23:42	BK
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	2.5	5.0	1	EPA 8260C	01/31/2014 09:02	01/31/2014 23:42	BK
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	2.5	5.0	1	EPA 8260C	01/31/2014 09:02	01/31/2014 23:42	BK
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	2.5	5.0	1	EPA 8260C	01/31/2014 09:02	01/31/2014 23:42	BK
106-93-4	1,2-Dibromoethane	ND		ug/L	2.5	5.0	1	EPA 8260C	01/31/2014 09:02	01/31/2014 23:42	BK
95-50-1	1,2-Dichlorobenzene	ND		ug/L	2.5	5.0	1	EPA 8260C	01/31/2014 09:02	01/31/2014 23:42	BK



### Sample Information

**Client Sample ID:** MW-3B

**York Sample ID:** 14A0764-02

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

14A0764

Deluxe

Water

January 22, 2014 10:00 am

01/27/2014

**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
107-06-2	1,2-Dichloroethane	ND		ug/L	2.5	5.0	1	EPA 8260C	01/31/2014 09:02	01/31/2014 23:42	BK
78-87-5	1,2-Dichloropropane	ND		ug/L	2.5	5.0	1	EPA 8260C	01/31/2014 09:02	01/31/2014 23:42	BK
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	2.5	5.0	1	EPA 8260C	01/31/2014 09:02	01/31/2014 23:42	BK
541-73-1	1,3-Dichlorobenzene	ND		ug/L	2.5	5.0	1	EPA 8260C	01/31/2014 09:02	01/31/2014 23:42	BK
142-28-9	1,3-Dichloropropane	ND		ug/L	2.5	5.0	1	EPA 8260C	01/31/2014 09:02	01/31/2014 23:42	BK
106-46-7	1,4-Dichlorobenzene	ND		ug/L	2.5	5.0	1	EPA 8260C	01/31/2014 09:02	01/31/2014 23:42	BK
594-20-7	2,2-Dichloropropane	ND		ug/L	2.5	5.0	1	EPA 8260C	01/31/2014 09:02	01/31/2014 23:42	BK
78-93-3	2-Butanone	ND		ug/L	2.5	5.0	1	EPA 8260C	01/31/2014 09:02	01/31/2014 23:42	BK
95-49-8	2-Chlorotoluene	ND		ug/L	2.5	5.0	1	EPA 8260C	01/31/2014 09:02	01/31/2014 23:42	BK
106-43-4	4-Chlorotoluene	ND		ug/L	2.5	5.0	1	EPA 8260C	01/31/2014 09:02	01/31/2014 23:42	BK
67-64-1	Acetone	ND		ug/L	2.5	5.0	1	EPA 8260C	01/31/2014 09:02	01/31/2014 23:42	BK
71-43-2	Benzene	ND		ug/L	2.5	5.0	1	EPA 8260C	01/31/2014 09:02	01/31/2014 23:42	BK
108-86-1	Bromobenzene	ND		ug/L	2.5	5.0	1	EPA 8260C	01/31/2014 09:02	01/31/2014 23:42	BK
74-97-5	Bromochloromethane	ND		ug/L	2.5	5.0	1	EPA 8260C	01/31/2014 09:02	01/31/2014 23:42	BK
75-27-4	Bromodichloromethane	ND		ug/L	2.5	5.0	1	EPA 8260C	01/31/2014 09:02	01/31/2014 23:42	BK
75-25-2	Bromoform	ND		ug/L	2.5	5.0	1	EPA 8260C	01/31/2014 09:02	01/31/2014 23:42	BK
74-83-9	Bromomethane	ND		ug/L	2.5	5.0	1	EPA 8260C	01/31/2014 09:02	01/31/2014 23:42	BK
56-23-5	Carbon tetrachloride	ND		ug/L	2.5	5.0	1	EPA 8260C	01/31/2014 09:02	01/31/2014 23:42	BK
108-90-7	Chlorobenzene	ND		ug/L	2.5	5.0	1	EPA 8260C	01/31/2014 09:02	01/31/2014 23:42	BK
75-00-3	Chloroethane	ND		ug/L	2.5	5.0	1	EPA 8260C	01/31/2014 09:02	01/31/2014 23:42	BK
67-66-3	Chloroform	ND		ug/L	2.5	5.0	1	EPA 8260C	01/31/2014 09:02	01/31/2014 23:42	BK
74-87-3	Chloromethane	ND		ug/L	2.5	5.0	1	EPA 8260C	01/31/2014 09:02	01/31/2014 23:42	BK
156-59-2	cis-1,2-Dichloroethylene	ND		ug/L	2.5	5.0	1	EPA 8260C	01/31/2014 09:02	01/31/2014 23:42	BK
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	2.5	5.0	1	EPA 8260C	01/31/2014 09:02	01/31/2014 23:42	BK
124-48-1	Dibromochloromethane	ND		ug/L	2.5	5.0	1	EPA 8260C	01/31/2014 09:02	01/31/2014 23:42	BK
74-95-3	Dibromomethane	ND		ug/L	2.5	5.0	1	EPA 8260C	01/31/2014 09:02	01/31/2014 23:42	BK
75-71-8	Dichlorodifluoromethane	ND		ug/L	2.5	5.0	1	EPA 8260C	01/31/2014 09:02	01/31/2014 23:42	BK
100-41-4	Ethyl Benzene	ND		ug/L	2.5	5.0	1	EPA 8260C	01/31/2014 09:02	01/31/2014 23:42	BK
87-68-3	Hexachlorobutadiene	ND		ug/L	2.5	5.0	1	EPA 8260C	01/31/2014 09:02	01/31/2014 23:42	BK
98-82-8	Isopropylbenzene	ND		ug/L	2.5	5.0	1	EPA 8260C	01/31/2014 09:02	01/31/2014 23:42	BK
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	2.5	5.0	1	EPA 8260C	01/31/2014 09:02	01/31/2014 23:42	BK



### Sample Information

**Client Sample ID:** MW-3B

**York Sample ID:** 14A0764-02

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

14A0764

Deluxe

Water

January 22, 2014 10:00 am

01/27/2014

### 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
75-09-2	Methylene chloride	ND		ug/L	2.5	5.0	1	EPA 8260C	01/31/2014 09:02	01/31/2014 23:42	BK
91-20-3	Naphthalene	ND		ug/L	2.5	5.0	1	EPA 8260C	01/31/2014 09:02	01/31/2014 23:42	BK
104-51-8	n-Butylbenzene	ND		ug/L	2.5	5.0	1	EPA 8260C	01/31/2014 09:02	01/31/2014 23:42	BK
103-65-1	n-Propylbenzene	ND		ug/L	2.5	5.0	1	EPA 8260C	01/31/2014 09:02	01/31/2014 23:42	BK
95-47-6	o-Xylene	ND		ug/L	2.5	5.0	1	EPA 8260C	01/31/2014 09:02	01/31/2014 23:42	BK
179601-23-1	p- & m- Xylenes	ND		ug/L	5.0	10	1	EPA 8260C	01/31/2014 09:02	01/31/2014 23:42	BK
99-87-6	p-Isopropyltoluene	ND		ug/L	2.5	5.0	1	EPA 8260C	01/31/2014 09:02	01/31/2014 23:42	BK
135-98-8	sec-Butylbenzene	ND		ug/L	2.5	5.0	1	EPA 8260C	01/31/2014 09:02	01/31/2014 23:42	BK
100-42-5	Styrene	ND		ug/L	2.5	5.0	1	EPA 8260C	01/31/2014 09:02	01/31/2014 23:42	BK
98-06-6	tert-Butylbenzene	ND		ug/L	2.5	5.0	1	EPA 8260C	01/31/2014 09:02	01/31/2014 23:42	BK
127-18-4	Tetrachloroethylene	ND		ug/L	2.5	5.0	1	EPA 8260C	01/31/2014 09:02	01/31/2014 23:42	BK
108-88-3	Toluene	ND		ug/L	2.5	5.0	1	EPA 8260C	01/31/2014 09:02	01/31/2014 23:42	BK
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	2.5	5.0	1	EPA 8260C	01/31/2014 09:02	01/31/2014 23:42	BK
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	2.5	5.0	1	EPA 8260C	01/31/2014 09:02	01/31/2014 23:42	BK
79-01-6	Trichloroethylene	ND		ug/L	2.5	5.0	1	EPA 8260C	01/31/2014 09:02	01/31/2014 23:42	BK
75-69-4	Trichlorofluoromethane	ND		ug/L	2.5	5.0	1	EPA 8260C	01/31/2014 09:02	01/31/2014 23:42	BK
75-01-4	Vinyl Chloride	ND		ug/L	2.5	5.0	1	EPA 8260C	01/31/2014 09:02	01/31/2014 23:42	BK
1330-20-7	Xylenes, Total	ND		ug/L	7.5	15	1	EPA 8260C	01/31/2014 09:02	01/31/2014 23:42	BK
108-05-4	Vinyl acetate	ND		ug/L	2.5	5.0	1	EPA 8260C	01/31/2014 09:02	01/31/2014 23:42	BK
	<b>Surrogate Recoveries</b>	<b>Result</b>				<b>Acceptance Range</b>					
17060-07-0	Surrogate: 1,2-Dichloroethane-d4	103 %				78-122					
460-00-4	Surrogate: p-Bromofluorobenzene	105 %				87-112					
2037-26-5	Surrogate: Toluene-d8	99.4 %				91-110					

### Sample Information

**Client Sample ID:** MW-3C

**York Sample ID:** 14A0764-03

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

14A0764

Deluxe

Water

January 22, 2014 10:15 am

01/27/2014

### 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
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### Sample Information

**Client Sample ID:** MW-3C

**York Sample ID:** 14A0764-03

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

14A0764

Deluxe

Water

January 22, 2014 10:15 am

01/27/2014

**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	2.5	5.0	1	EPA 8260C	01/31/2014 09:02	02/01/2014 00:22	BK
71-55-6	1,1,1-Trichloroethane	ND		ug/L	2.5	5.0	1	EPA 8260C	01/31/2014 09:02	02/01/2014 00:22	BK
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	2.5	5.0	1	EPA 8260C	01/31/2014 09:02	02/01/2014 00:22	BK
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/L	2.5	5.0	1	EPA 8260C	01/31/2014 09:02	02/01/2014 00:22	BK
79-00-5	1,1,2-Trichloroethane	ND		ug/L	2.5	5.0	1	EPA 8260C	01/31/2014 09:02	02/01/2014 00:22	BK
75-34-3	1,1-Dichloroethane	ND		ug/L	2.5	5.0	1	EPA 8260C	01/31/2014 09:02	02/01/2014 00:22	BK
75-35-4	1,1-Dichloroethylene	ND		ug/L	2.5	5.0	1	EPA 8260C	01/31/2014 09:02	02/01/2014 00:22	BK
563-58-6	1,1-Dichloropropylene	ND		ug/L	2.5	5.0	1	EPA 8260C	01/31/2014 09:02	02/01/2014 00:22	BK
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	2.5	5.0	1	EPA 8260C	01/31/2014 09:02	02/01/2014 00:22	BK
96-18-4	1,2,3-Trichloropropane	ND		ug/L	2.5	5.0	1	EPA 8260C	01/31/2014 09:02	02/01/2014 00:22	BK
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	2.5	5.0	1	EPA 8260C	01/31/2014 09:02	02/01/2014 00:22	BK
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	2.5	5.0	1	EPA 8260C	01/31/2014 09:02	02/01/2014 00:22	BK
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	2.5	5.0	1	EPA 8260C	01/31/2014 09:02	02/01/2014 00:22	BK
106-93-4	1,2-Dibromoethane	ND		ug/L	2.5	5.0	1	EPA 8260C	01/31/2014 09:02	02/01/2014 00:22	BK
95-50-1	1,2-Dichlorobenzene	ND		ug/L	2.5	5.0	1	EPA 8260C	01/31/2014 09:02	02/01/2014 00:22	BK
107-06-2	1,2-Dichloroethane	ND		ug/L	2.5	5.0	1	EPA 8260C	01/31/2014 09:02	02/01/2014 00:22	BK
78-87-5	1,2-Dichloropropane	ND		ug/L	2.5	5.0	1	EPA 8260C	01/31/2014 09:02	02/01/2014 00:22	BK
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	2.5	5.0	1	EPA 8260C	01/31/2014 09:02	02/01/2014 00:22	BK
541-73-1	1,3-Dichlorobenzene	ND		ug/L	2.5	5.0	1	EPA 8260C	01/31/2014 09:02	02/01/2014 00:22	BK
142-28-9	1,3-Dichloropropane	ND		ug/L	2.5	5.0	1	EPA 8260C	01/31/2014 09:02	02/01/2014 00:22	BK
106-46-7	1,4-Dichlorobenzene	ND		ug/L	2.5	5.0	1	EPA 8260C	01/31/2014 09:02	02/01/2014 00:22	BK
594-20-7	2,2-Dichloropropane	ND		ug/L	2.5	5.0	1	EPA 8260C	01/31/2014 09:02	02/01/2014 00:22	BK
78-93-3	2-Butanone	ND		ug/L	2.5	5.0	1	EPA 8260C	01/31/2014 09:02	02/01/2014 00:22	BK
95-49-8	2-Chlorotoluene	ND		ug/L	2.5	5.0	1	EPA 8260C	01/31/2014 09:02	02/01/2014 00:22	BK
106-43-4	4-Chlorotoluene	ND		ug/L	2.5	5.0	1	EPA 8260C	01/31/2014 09:02	02/01/2014 00:22	BK
67-64-1	Acetone	ND		ug/L	2.5	5.0	1	EPA 8260C	01/31/2014 09:02	02/01/2014 00:22	BK
71-43-2	Benzene	ND		ug/L	2.5	5.0	1	EPA 8260C	01/31/2014 09:02	02/01/2014 00:22	BK
108-86-1	Bromobenzene	ND		ug/L	2.5	5.0	1	EPA 8260C	01/31/2014 09:02	02/01/2014 00:22	BK
74-97-5	Bromochloromethane	ND		ug/L	2.5	5.0	1	EPA 8260C	01/31/2014 09:02	02/01/2014 00:22	BK
75-27-4	Bromodichloromethane	ND		ug/L	2.5	5.0	1	EPA 8260C	01/31/2014 09:02	02/01/2014 00:22	BK
75-25-2	Bromoform	ND		ug/L	2.5	5.0	1	EPA 8260C	01/31/2014 09:02	02/01/2014 00:22	BK



### Sample Information

**Client Sample ID:** MW-3C

**York Sample ID:** 14A0764-03

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

14A0764

Deluxe

Water

January 22, 2014 10:15 am

01/27/2014

**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
74-83-9	Bromomethane	ND		ug/L	2.5	5.0	1	EPA 8260C	01/31/2014 09:02	02/01/2014 00:22	BK
56-23-5	Carbon tetrachloride	ND		ug/L	2.5	5.0	1	EPA 8260C	01/31/2014 09:02	02/01/2014 00:22	BK
108-90-7	Chlorobenzene	ND		ug/L	2.5	5.0	1	EPA 8260C	01/31/2014 09:02	02/01/2014 00:22	BK
75-00-3	Chloroethane	ND		ug/L	2.5	5.0	1	EPA 8260C	01/31/2014 09:02	02/01/2014 00:22	BK
67-66-3	Chloroform	ND		ug/L	2.5	5.0	1	EPA 8260C	01/31/2014 09:02	02/01/2014 00:22	BK
74-87-3	Chloromethane	ND		ug/L	2.5	5.0	1	EPA 8260C	01/31/2014 09:02	02/01/2014 00:22	BK
156-59-2	cis-1,2-Dichloroethylene	ND		ug/L	2.5	5.0	1	EPA 8260C	01/31/2014 09:02	02/01/2014 00:22	BK
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	2.5	5.0	1	EPA 8260C	01/31/2014 09:02	02/01/2014 00:22	BK
124-48-1	Dibromochloromethane	ND		ug/L	2.5	5.0	1	EPA 8260C	01/31/2014 09:02	02/01/2014 00:22	BK
74-95-3	Dibromomethane	ND		ug/L	2.5	5.0	1	EPA 8260C	01/31/2014 09:02	02/01/2014 00:22	BK
75-71-8	Dichlorodifluoromethane	ND		ug/L	2.5	5.0	1	EPA 8260C	01/31/2014 09:02	02/01/2014 00:22	BK
100-41-4	Ethyl Benzene	ND		ug/L	2.5	5.0	1	EPA 8260C	01/31/2014 09:02	02/01/2014 00:22	BK
87-68-3	Hexachlorobutadiene	ND		ug/L	2.5	5.0	1	EPA 8260C	01/31/2014 09:02	02/01/2014 00:22	BK
98-82-8	Isopropylbenzene	ND		ug/L	2.5	5.0	1	EPA 8260C	01/31/2014 09:02	02/01/2014 00:22	BK
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	2.5	5.0	1	EPA 8260C	01/31/2014 09:02	02/01/2014 00:22	BK
75-09-2	Methylene chloride	ND		ug/L	2.5	5.0	1	EPA 8260C	01/31/2014 09:02	02/01/2014 00:22	BK
91-20-3	Naphthalene	ND		ug/L	2.5	5.0	1	EPA 8260C	01/31/2014 09:02	02/01/2014 00:22	BK
104-51-8	n-Butylbenzene	ND		ug/L	2.5	5.0	1	EPA 8260C	01/31/2014 09:02	02/01/2014 00:22	BK
103-65-1	n-Propylbenzene	ND		ug/L	2.5	5.0	1	EPA 8260C	01/31/2014 09:02	02/01/2014 00:22	BK
95-47-6	o-Xylene	ND		ug/L	2.5	5.0	1	EPA 8260C	01/31/2014 09:02	02/01/2014 00:22	BK
179601-23-1	p- & m- Xylenes	ND		ug/L	5.0	10	1	EPA 8260C	01/31/2014 09:02	02/01/2014 00:22	BK
99-87-6	p-Isopropyltoluene	ND		ug/L	2.5	5.0	1	EPA 8260C	01/31/2014 09:02	02/01/2014 00:22	BK
135-98-8	sec-Butylbenzene	ND		ug/L	2.5	5.0	1	EPA 8260C	01/31/2014 09:02	02/01/2014 00:22	BK
100-42-5	Styrene	ND		ug/L	2.5	5.0	1	EPA 8260C	01/31/2014 09:02	02/01/2014 00:22	BK
98-06-6	tert-Butylbenzene	ND		ug/L	2.5	5.0	1	EPA 8260C	01/31/2014 09:02	02/01/2014 00:22	BK
127-18-4	Tetrachloroethylene	ND		ug/L	2.5	5.0	1	EPA 8260C	01/31/2014 09:02	02/01/2014 00:22	BK
108-88-3	Toluene	ND		ug/L	2.5	5.0	1	EPA 8260C	01/31/2014 09:02	02/01/2014 00:22	BK
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	2.5	5.0	1	EPA 8260C	01/31/2014 09:02	02/01/2014 00:22	BK
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	2.5	5.0	1	EPA 8260C	01/31/2014 09:02	02/01/2014 00:22	BK
79-01-6	Trichloroethylene	ND		ug/L	2.5	5.0	1	EPA 8260C	01/31/2014 09:02	02/01/2014 00:22	BK
75-69-4	Trichlorofluoromethane	ND		ug/L	2.5	5.0	1	EPA 8260C	01/31/2014 09:02	02/01/2014 00:22	BK



### Sample Information

**Client Sample ID:** MW-3C

**York Sample ID:** 14A0764-03

<u>York Project (SDG) No.</u> 14A0764	<u>Client Project ID</u> Deluxe	<u>Matrix</u> Water	<u>Collection Date/Time</u> January 22, 2014 10:15 am	<u>Date Received</u> 01/27/2014
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#### 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
75-01-4	Vinyl Chloride	ND		ug/L	2.5	5.0	1	EPA 8260C	01/31/2014 09:02	02/01/2014 00:22	BK
1330-20-7	Xylenes, Total	ND		ug/L	7.5	15	1	EPA 8260C	01/31/2014 09:02	02/01/2014 00:22	BK
108-05-4	Vinyl acetate	ND		ug/L	2.5	5.0	1	EPA 8260C	01/31/2014 09:02	02/01/2014 00:22	BK
<b>Surrogate Recoveries</b>		<b>Result</b>			<b>Acceptance Range</b>						
17060-07-0	Surrogate: 1,2-Dichloroethane-d4	103 %			78-122						
460-00-4	Surrogate: p-Bromofluorobenzene	103 %			87-112						
2037-26-5	Surrogate: Toluene-d8	99.2 %			91-110						

### Sample Information

**Client Sample ID:** MW-4A

**York Sample ID:** 14A0764-04

<u>York Project (SDG) No.</u> 14A0764	<u>Client Project ID</u> Deluxe	<u>Matrix</u> Water	<u>Collection Date/Time</u> January 22, 2014 11:00 am	<u>Date Received</u> 01/27/2014
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#### 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	2.5	5.0	1	EPA 8260C	01/31/2014 09:02	02/01/2014 01:02	BK
71-55-6	1,1,1-Trichloroethane	ND		ug/L	2.5	5.0	1	EPA 8260C	01/31/2014 09:02	02/01/2014 01:02	BK
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	2.5	5.0	1	EPA 8260C	01/31/2014 09:02	02/01/2014 01:02	BK
76-13-1	1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/L	2.5	5.0	1	EPA 8260C	01/31/2014 09:02	02/01/2014 01:02	BK
79-00-5	1,1,2-Trichloroethane	ND		ug/L	2.5	5.0	1	EPA 8260C	01/31/2014 09:02	02/01/2014 01:02	BK
75-34-3	1,1-Dichloroethane	ND		ug/L	2.5	5.0	1	EPA 8260C	01/31/2014 09:02	02/01/2014 01:02	BK
75-35-4	1,1-Dichloroethylene	ND		ug/L	2.5	5.0	1	EPA 8260C	01/31/2014 09:02	02/01/2014 01:02	BK
563-58-6	1,1-Dichloropropylene	ND		ug/L	2.5	5.0	1	EPA 8260C	01/31/2014 09:02	02/01/2014 01:02	BK
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	2.5	5.0	1	EPA 8260C	01/31/2014 09:02	02/01/2014 01:02	BK
96-18-4	1,2,3-Trichloropropane	ND		ug/L	2.5	5.0	1	EPA 8260C	01/31/2014 09:02	02/01/2014 01:02	BK
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	2.5	5.0	1	EPA 8260C	01/31/2014 09:02	02/01/2014 01:02	BK
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	2.5	5.0	1	EPA 8260C	01/31/2014 09:02	02/01/2014 01:02	BK
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	2.5	5.0	1	EPA 8260C	01/31/2014 09:02	02/01/2014 01:02	BK
106-93-4	1,2-Dibromoethane	ND		ug/L	2.5	5.0	1	EPA 8260C	01/31/2014 09:02	02/01/2014 01:02	BK
95-50-1	1,2-Dichlorobenzene	ND		ug/L	2.5	5.0	1	EPA 8260C	01/31/2014 09:02	02/01/2014 01:02	BK
107-06-2	1,2-Dichloroethane	ND		ug/L	2.5	5.0	1	EPA 8260C	01/31/2014 09:02	02/01/2014 01:02	BK





### Sample Information

**Client Sample ID:** MW-4A

**York Sample ID:** 14A0764-04

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

14A0764

Deluxe

Water

January 22, 2014 11:00 am

01/27/2014

**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
78-87-5	1,2-Dichloropropane	ND		ug/L	2.5	5.0	1	EPA 8260C	01/31/2014 09:02	02/01/2014 01:02	BK
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	2.5	5.0	1	EPA 8260C	01/31/2014 09:02	02/01/2014 01:02	BK
541-73-1	1,3-Dichlorobenzene	ND		ug/L	2.5	5.0	1	EPA 8260C	01/31/2014 09:02	02/01/2014 01:02	BK
142-28-9	1,3-Dichloropropane	ND		ug/L	2.5	5.0	1	EPA 8260C	01/31/2014 09:02	02/01/2014 01:02	BK
106-46-7	1,4-Dichlorobenzene	ND		ug/L	2.5	5.0	1	EPA 8260C	01/31/2014 09:02	02/01/2014 01:02	BK
594-20-7	2,2-Dichloropropane	ND		ug/L	2.5	5.0	1	EPA 8260C	01/31/2014 09:02	02/01/2014 01:02	BK
78-93-3	2-Butanone	ND		ug/L	2.5	5.0	1	EPA 8260C	01/31/2014 09:02	02/01/2014 01:02	BK
95-49-8	2-Chlorotoluene	ND		ug/L	2.5	5.0	1	EPA 8260C	01/31/2014 09:02	02/01/2014 01:02	BK
106-43-4	4-Chlorotoluene	ND		ug/L	2.5	5.0	1	EPA 8260C	01/31/2014 09:02	02/01/2014 01:02	BK
67-64-1	Acetone	ND		ug/L	2.5	5.0	1	EPA 8260C	01/31/2014 09:02	02/01/2014 01:02	BK
71-43-2	Benzene	ND		ug/L	2.5	5.0	1	EPA 8260C	01/31/2014 09:02	02/01/2014 01:02	BK
108-86-1	Bromobenzene	ND		ug/L	2.5	5.0	1	EPA 8260C	01/31/2014 09:02	02/01/2014 01:02	BK
74-97-5	Bromochloromethane	ND		ug/L	2.5	5.0	1	EPA 8260C	01/31/2014 09:02	02/01/2014 01:02	BK
75-27-4	Bromodichloromethane	ND		ug/L	2.5	5.0	1	EPA 8260C	01/31/2014 09:02	02/01/2014 01:02	BK
75-25-2	Bromoform	ND		ug/L	2.5	5.0	1	EPA 8260C	01/31/2014 09:02	02/01/2014 01:02	BK
74-83-9	Bromomethane	ND		ug/L	2.5	5.0	1	EPA 8260C	01/31/2014 09:02	02/01/2014 01:02	BK
56-23-5	Carbon tetrachloride	ND		ug/L	2.5	5.0	1	EPA 8260C	01/31/2014 09:02	02/01/2014 01:02	BK
108-90-7	Chlorobenzene	ND		ug/L	2.5	5.0	1	EPA 8260C	01/31/2014 09:02	02/01/2014 01:02	BK
75-00-3	Chloroethane	ND		ug/L	2.5	5.0	1	EPA 8260C	01/31/2014 09:02	02/01/2014 01:02	BK
67-66-3	Chloroform	ND		ug/L	2.5	5.0	1	EPA 8260C	01/31/2014 09:02	02/01/2014 01:02	BK
74-87-3	Chloromethane	ND		ug/L	2.5	5.0	1	EPA 8260C	01/31/2014 09:02	02/01/2014 01:02	BK
156-59-2	cis-1,2-Dichloroethylene	ND		ug/L	2.5	5.0	1	EPA 8260C	01/31/2014 09:02	02/01/2014 01:02	BK
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	2.5	5.0	1	EPA 8260C	01/31/2014 09:02	02/01/2014 01:02	BK
124-48-1	Dibromochloromethane	ND		ug/L	2.5	5.0	1	EPA 8260C	01/31/2014 09:02	02/01/2014 01:02	BK
74-95-3	Dibromomethane	ND		ug/L	2.5	5.0	1	EPA 8260C	01/31/2014 09:02	02/01/2014 01:02	BK
75-71-8	Dichlorodifluoromethane	ND		ug/L	2.5	5.0	1	EPA 8260C	01/31/2014 09:02	02/01/2014 01:02	BK
100-41-4	Ethyl Benzene	ND		ug/L	2.5	5.0	1	EPA 8260C	01/31/2014 09:02	02/01/2014 01:02	BK
87-68-3	Hexachlorobutadiene	ND		ug/L	2.5	5.0	1	EPA 8260C	01/31/2014 09:02	02/01/2014 01:02	BK
98-82-8	Isopropylbenzene	ND		ug/L	2.5	5.0	1	EPA 8260C	01/31/2014 09:02	02/01/2014 01:02	BK
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	2.5	5.0	1	EPA 8260C	01/31/2014 09:02	02/01/2014 01:02	BK
75-09-2	Methylene chloride	ND		ug/L	2.5	5.0	1	EPA 8260C	01/31/2014 09:02	02/01/2014 01:02	BK



### Sample Information

**Client Sample ID:** MW-4A

**York Sample ID:** 14A0764-04

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

14A0764

Deluxe

Water

January 22, 2014 11:00 am

01/27/2014

### 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
91-20-3	Naphthalene	ND		ug/L	2.5	5.0	1	EPA 8260C	01/31/2014 09:02	02/01/2014 01:02	BK
104-51-8	n-Butylbenzene	ND		ug/L	2.5	5.0	1	EPA 8260C	01/31/2014 09:02	02/01/2014 01:02	BK
103-65-1	n-Propylbenzene	ND		ug/L	2.5	5.0	1	EPA 8260C	01/31/2014 09:02	02/01/2014 01:02	BK
95-47-6	o-Xylene	ND		ug/L	2.5	5.0	1	EPA 8260C	01/31/2014 09:02	02/01/2014 01:02	BK
179601-23-1	p- & m- Xylenes	ND		ug/L	5.0	10	1	EPA 8260C	01/31/2014 09:02	02/01/2014 01:02	BK
99-87-6	p-Isopropyltoluene	ND		ug/L	2.5	5.0	1	EPA 8260C	01/31/2014 09:02	02/01/2014 01:02	BK
135-98-8	sec-Butylbenzene	ND		ug/L	2.5	5.0	1	EPA 8260C	01/31/2014 09:02	02/01/2014 01:02	BK
100-42-5	Styrene	ND		ug/L	2.5	5.0	1	EPA 8260C	01/31/2014 09:02	02/01/2014 01:02	BK
98-06-6	tert-Butylbenzene	ND		ug/L	2.5	5.0	1	EPA 8260C	01/31/2014 09:02	02/01/2014 01:02	BK
127-18-4	Tetrachloroethylene	29		ug/L	2.5	5.0	1	EPA 8260C	01/31/2014 09:02	02/01/2014 01:02	BK
108-88-3	Toluene	ND		ug/L	2.5	5.0	1	EPA 8260C	01/31/2014 09:02	02/01/2014 01:02	BK
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	2.5	5.0	1	EPA 8260C	01/31/2014 09:02	02/01/2014 01:02	BK
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	2.5	5.0	1	EPA 8260C	01/31/2014 09:02	02/01/2014 01:02	BK
79-01-6	Trichloroethylene	2.7	J	ug/L	2.5	5.0	1	EPA 8260C	01/31/2014 09:02	02/01/2014 01:02	BK
75-69-4	Trichlorofluoromethane	ND		ug/L	2.5	5.0	1	EPA 8260C	01/31/2014 09:02	02/01/2014 01:02	BK
75-01-4	Vinyl Chloride	ND		ug/L	2.5	5.0	1	EPA 8260C	01/31/2014 09:02	02/01/2014 01:02	BK
1330-20-7	Xylenes, Total	ND		ug/L	7.5	15	1	EPA 8260C	01/31/2014 09:02	02/01/2014 01:02	BK
108-05-4	Vinyl acetate	ND		ug/L	2.5	5.0	1	EPA 8260C	01/31/2014 09:02	02/01/2014 01:02	BK
	<b>Surrogate Recoveries</b>	<b>Result</b>			<b>Acceptance Range</b>						
17060-07-0	Surrogate: 1,2-Dichloroethane-d4	102 %			78-122						
460-00-4	Surrogate: p-Bromofluorobenzene	102 %			87-112						
2037-26-5	Surrogate: Toluene-d8	98.9 %			91-110						

### Sample Information

**Client Sample ID:** MW-4B

**York Sample ID:** 14A0764-05

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

14A0764

Deluxe

Water

January 22, 2014 11:20 am

01/27/2014

### 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	2.5	5.0	1	EPA 8260C	01/31/2014 09:02	02/01/2014 01:41	BK



### Sample Information

**Client Sample ID:** MW-4B

**York Sample ID:** 14A0764-05

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

14A0764

Deluxe

Water

January 22, 2014 11:20 am

01/27/2014

**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
71-55-6	1,1,1-Trichloroethane	3.3	J	ug/L	2.5	5.0	1	EPA 8260C	01/31/2014 09:02	02/01/2014 01:41	BK
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	2.5	5.0	1	EPA 8260C	01/31/2014 09:02	02/01/2014 01:41	BK
76-13-1	1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/L	2.5	5.0	1	EPA 8260C	01/31/2014 09:02	02/01/2014 01:41	BK
79-00-5	1,1,2-Trichloroethane	ND		ug/L	2.5	5.0	1	EPA 8260C	01/31/2014 09:02	02/01/2014 01:41	BK
75-34-3	1,1-Dichloroethane	ND		ug/L	2.5	5.0	1	EPA 8260C	01/31/2014 09:02	02/01/2014 01:41	BK
75-35-4	1,1-Dichloroethylene	ND		ug/L	2.5	5.0	1	EPA 8260C	01/31/2014 09:02	02/01/2014 01:41	BK
563-58-6	1,1-Dichloropropylene	ND		ug/L	2.5	5.0	1	EPA 8260C	01/31/2014 09:02	02/01/2014 01:41	BK
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	2.5	5.0	1	EPA 8260C	01/31/2014 09:02	02/01/2014 01:41	BK
96-18-4	1,2,3-Trichloropropane	ND		ug/L	2.5	5.0	1	EPA 8260C	01/31/2014 09:02	02/01/2014 01:41	BK
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	2.5	5.0	1	EPA 8260C	01/31/2014 09:02	02/01/2014 01:41	BK
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	2.5	5.0	1	EPA 8260C	01/31/2014 09:02	02/01/2014 01:41	BK
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	2.5	5.0	1	EPA 8260C	01/31/2014 09:02	02/01/2014 01:41	BK
106-93-4	1,2-Dibromoethane	ND		ug/L	2.5	5.0	1	EPA 8260C	01/31/2014 09:02	02/01/2014 01:41	BK
95-50-1	1,2-Dichlorobenzene	ND		ug/L	2.5	5.0	1	EPA 8260C	01/31/2014 09:02	02/01/2014 01:41	BK
107-06-2	1,2-Dichloroethane	ND		ug/L	2.5	5.0	1	EPA 8260C	01/31/2014 09:02	02/01/2014 01:41	BK
78-87-5	1,2-Dichloropropane	ND		ug/L	2.5	5.0	1	EPA 8260C	01/31/2014 09:02	02/01/2014 01:41	BK
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	2.5	5.0	1	EPA 8260C	01/31/2014 09:02	02/01/2014 01:41	BK
541-73-1	1,3-Dichlorobenzene	ND		ug/L	2.5	5.0	1	EPA 8260C	01/31/2014 09:02	02/01/2014 01:41	BK
142-28-9	1,3-Dichloropropane	ND		ug/L	2.5	5.0	1	EPA 8260C	01/31/2014 09:02	02/01/2014 01:41	BK
106-46-7	1,4-Dichlorobenzene	ND		ug/L	2.5	5.0	1	EPA 8260C	01/31/2014 09:02	02/01/2014 01:41	BK
594-20-7	2,2-Dichloropropane	ND		ug/L	2.5	5.0	1	EPA 8260C	01/31/2014 09:02	02/01/2014 01:41	BK
78-93-3	2-Butanone	ND		ug/L	2.5	5.0	1	EPA 8260C	01/31/2014 09:02	02/01/2014 01:41	BK
95-49-8	2-Chlorotoluene	ND		ug/L	2.5	5.0	1	EPA 8260C	01/31/2014 09:02	02/01/2014 01:41	BK
106-43-4	4-Chlorotoluene	ND		ug/L	2.5	5.0	1	EPA 8260C	01/31/2014 09:02	02/01/2014 01:41	BK
67-64-1	Acetone	ND		ug/L	2.5	5.0	1	EPA 8260C	01/31/2014 09:02	02/01/2014 01:41	BK
71-43-2	Benzene	ND		ug/L	2.5	5.0	1	EPA 8260C	01/31/2014 09:02	02/01/2014 01:41	BK
108-86-1	Bromobenzene	ND		ug/L	2.5	5.0	1	EPA 8260C	01/31/2014 09:02	02/01/2014 01:41	BK
74-97-5	Bromochloromethane	ND		ug/L	2.5	5.0	1	EPA 8260C	01/31/2014 09:02	02/01/2014 01:41	BK
75-27-4	Bromodichloromethane	ND		ug/L	2.5	5.0	1	EPA 8260C	01/31/2014 09:02	02/01/2014 01:41	BK
75-25-2	Bromoform	ND		ug/L	2.5	5.0	1	EPA 8260C	01/31/2014 09:02	02/01/2014 01:41	BK
74-83-9	Bromomethane	ND		ug/L	2.5	5.0	1	EPA 8260C	01/31/2014 09:02	02/01/2014 01:41	BK



## Sample Information

**Client Sample ID:** MW-4B

**York Sample ID:** 14A0764-05

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

14A0764

Deluxe

Water

January 22, 2014 11:20 am

01/27/2014

**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
56-23-5	Carbon tetrachloride	ND		ug/L	2.5	5.0	1	EPA 8260C	01/31/2014 09:02	02/01/2014 01:41	BK
108-90-7	Chlorobenzene	ND		ug/L	2.5	5.0	1	EPA 8260C	01/31/2014 09:02	02/01/2014 01:41	BK
75-00-3	Chloroethane	ND		ug/L	2.5	5.0	1	EPA 8260C	01/31/2014 09:02	02/01/2014 01:41	BK
67-66-3	Chloroform	ND		ug/L	2.5	5.0	1	EPA 8260C	01/31/2014 09:02	02/01/2014 01:41	BK
74-87-3	Chloromethane	ND		ug/L	2.5	5.0	1	EPA 8260C	01/31/2014 09:02	02/01/2014 01:41	BK
156-59-2	cis-1,2-Dichloroethylene	<b>13</b>		ug/L	2.5	5.0	1	EPA 8260C	01/31/2014 09:02	02/01/2014 01:41	BK
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	2.5	5.0	1	EPA 8260C	01/31/2014 09:02	02/01/2014 01:41	BK
124-48-1	Dibromochloromethane	ND		ug/L	2.5	5.0	1	EPA 8260C	01/31/2014 09:02	02/01/2014 01:41	BK
74-95-3	Dibromomethane	ND		ug/L	2.5	5.0	1	EPA 8260C	01/31/2014 09:02	02/01/2014 01:41	BK
75-71-8	Dichlorodifluoromethane	ND		ug/L	2.5	5.0	1	EPA 8260C	01/31/2014 09:02	02/01/2014 01:41	BK
100-41-4	Ethyl Benzene	ND		ug/L	2.5	5.0	1	EPA 8260C	01/31/2014 09:02	02/01/2014 01:41	BK
87-68-3	Hexachlorobutadiene	ND		ug/L	2.5	5.0	1	EPA 8260C	01/31/2014 09:02	02/01/2014 01:41	BK
98-82-8	Isopropylbenzene	ND		ug/L	2.5	5.0	1	EPA 8260C	01/31/2014 09:02	02/01/2014 01:41	BK
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	2.5	5.0	1	EPA 8260C	01/31/2014 09:02	02/01/2014 01:41	BK
75-09-2	Methylene chloride	ND		ug/L	2.5	5.0	1	EPA 8260C	01/31/2014 09:02	02/01/2014 01:41	BK
91-20-3	Naphthalene	ND		ug/L	2.5	5.0	1	EPA 8260C	01/31/2014 09:02	02/01/2014 01:41	BK
104-51-8	n-Butylbenzene	ND		ug/L	2.5	5.0	1	EPA 8260C	01/31/2014 09:02	02/01/2014 01:41	BK
103-65-1	n-Propylbenzene	ND		ug/L	2.5	5.0	1	EPA 8260C	01/31/2014 09:02	02/01/2014 01:41	BK
95-47-6	o-Xylene	ND		ug/L	2.5	5.0	1	EPA 8260C	01/31/2014 09:02	02/01/2014 01:41	BK
179601-23-1	p- & m- Xylenes	ND		ug/L	5.0	10	1	EPA 8260C	01/31/2014 09:02	02/01/2014 01:41	BK
99-87-6	p-Isopropyltoluene	ND		ug/L	2.5	5.0	1	EPA 8260C	01/31/2014 09:02	02/01/2014 01:41	BK
135-98-8	sec-Butylbenzene	ND		ug/L	2.5	5.0	1	EPA 8260C	01/31/2014 09:02	02/01/2014 01:41	BK
100-42-5	Styrene	ND		ug/L	2.5	5.0	1	EPA 8260C	01/31/2014 09:02	02/01/2014 01:41	BK
98-06-6	tert-Butylbenzene	ND		ug/L	2.5	5.0	1	EPA 8260C	01/31/2014 09:02	02/01/2014 01:41	BK
127-18-4	Tetrachloroethylene	<b>58</b>		ug/L	2.5	5.0	1	EPA 8260C	01/31/2014 09:02	02/01/2014 01:41	BK
108-88-3	Toluene	ND		ug/L	2.5	5.0	1	EPA 8260C	01/31/2014 09:02	02/01/2014 01:41	BK
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	2.5	5.0	1	EPA 8260C	01/31/2014 09:02	02/01/2014 01:41	BK
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	2.5	5.0	1	EPA 8260C	01/31/2014 09:02	02/01/2014 01:41	BK
79-01-6	Trichloroethylene	<b>20</b>		ug/L	2.5	5.0	1	EPA 8260C	01/31/2014 09:02	02/01/2014 01:41	BK
75-69-4	Trichlorofluoromethane	ND		ug/L	2.5	5.0	1	EPA 8260C	01/31/2014 09:02	02/01/2014 01:41	BK
75-01-4	Vinyl Chloride	ND		ug/L	2.5	5.0	1	EPA 8260C	01/31/2014 09:02	02/01/2014 01:41	BK
1330-20-7	Xylenes, Total	ND		ug/L	7.5	15	1	EPA 8260C	01/31/2014 09:02	02/01/2014 01:41	BK



### Sample Information

**Client Sample ID:** MW-4B

**York Sample ID:** 14A0764-05

York Project (SDG) No. 14A0764      Client Project ID Deluxe      Matrix Water      Collection Date/Time January 22, 2014 11:20 am      Date Received 01/27/2014

**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
108-05-4	Vinyl acetate	ND		ug/L	2.5	5.0	1	EPA 8260C	01/31/2014 09:02	02/01/2014 01:41	BK
	<b>Surrogate Recoveries</b>	<b>Result</b>			<b>Acceptance Range</b>						
17060-07-0	Surrogate: 1,2-Dichloroethane-d4	102 %			78-122						
460-00-4	Surrogate: p-Bromofluorobenzene	102 %			87-112						
2037-26-5	Surrogate: Toluene-d8	99.4 %			91-110						

### Sample Information

**Client Sample ID:** MW-4C

**York Sample ID:** 14A0764-06

York Project (SDG) No. 14A0764      Client Project ID Deluxe      Matrix Water      Collection Date/Time January 22, 2014 11:40 am      Date Received 01/27/2014

**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	2.5	5.0	1	EPA 8260C	01/31/2014 09:02	02/01/2014 02:21	BK
71-55-6	1,1,1-Trichloroethane	ND		ug/L	2.5	5.0	1	EPA 8260C	01/31/2014 09:02	02/01/2014 02:21	BK
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	2.5	5.0	1	EPA 8260C	01/31/2014 09:02	02/01/2014 02:21	BK
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/L	2.5	5.0	1	EPA 8260C	01/31/2014 09:02	02/01/2014 02:21	BK
79-00-5	1,1,2-Trichloroethane	ND		ug/L	2.5	5.0	1	EPA 8260C	01/31/2014 09:02	02/01/2014 02:21	BK
75-34-3	1,1-Dichloroethane	ND		ug/L	2.5	5.0	1	EPA 8260C	01/31/2014 09:02	02/01/2014 02:21	BK
75-35-4	1,1-Dichloroethylene	ND		ug/L	2.5	5.0	1	EPA 8260C	01/31/2014 09:02	02/01/2014 02:21	BK
563-58-6	1,1-Dichloropropylene	ND		ug/L	2.5	5.0	1	EPA 8260C	01/31/2014 09:02	02/01/2014 02:21	BK
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	2.5	5.0	1	EPA 8260C	01/31/2014 09:02	02/01/2014 02:21	BK
96-18-4	1,2,3-Trichloropropane	ND		ug/L	2.5	5.0	1	EPA 8260C	01/31/2014 09:02	02/01/2014 02:21	BK
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	2.5	5.0	1	EPA 8260C	01/31/2014 09:02	02/01/2014 02:21	BK
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	2.5	5.0	1	EPA 8260C	01/31/2014 09:02	02/01/2014 02:21	BK
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	2.5	5.0	1	EPA 8260C	01/31/2014 09:02	02/01/2014 02:21	BK
106-93-4	1,2-Dibromoethane	ND		ug/L	2.5	5.0	1	EPA 8260C	01/31/2014 09:02	02/01/2014 02:21	BK
95-50-1	1,2-Dichlorobenzene	ND		ug/L	2.5	5.0	1	EPA 8260C	01/31/2014 09:02	02/01/2014 02:21	BK
107-06-2	1,2-Dichloroethane	ND		ug/L	2.5	5.0	1	EPA 8260C	01/31/2014 09:02	02/01/2014 02:21	BK
78-87-5	1,2-Dichloropropane	ND		ug/L	2.5	5.0	1	EPA 8260C	01/31/2014 09:02	02/01/2014 02:21	BK
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	2.5	5.0	1	EPA 8260C	01/31/2014 09:02	02/01/2014 02:21	BK



### Sample Information

**Client Sample ID:** MW-4C

**York Sample ID:** 14A0764-06

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

14A0764

Deluxe

Water

January 22, 2014 11:40 am

01/27/2014

**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
541-73-1	1,3-Dichlorobenzene	ND		ug/L	2.5	5.0	1	EPA 8260C	01/31/2014 09:02	02/01/2014 02:21	BK
142-28-9	1,3-Dichloropropane	ND		ug/L	2.5	5.0	1	EPA 8260C	01/31/2014 09:02	02/01/2014 02:21	BK
106-46-7	1,4-Dichlorobenzene	ND		ug/L	2.5	5.0	1	EPA 8260C	01/31/2014 09:02	02/01/2014 02:21	BK
594-20-7	2,2-Dichloropropane	ND		ug/L	2.5	5.0	1	EPA 8260C	01/31/2014 09:02	02/01/2014 02:21	BK
78-93-3	2-Butanone	ND		ug/L	2.5	5.0	1	EPA 8260C	01/31/2014 09:02	02/01/2014 02:21	BK
95-49-8	2-Chlorotoluene	ND		ug/L	2.5	5.0	1	EPA 8260C	01/31/2014 09:02	02/01/2014 02:21	BK
106-43-4	4-Chlorotoluene	ND		ug/L	2.5	5.0	1	EPA 8260C	01/31/2014 09:02	02/01/2014 02:21	BK
67-64-1	Acetone	ND		ug/L	2.5	5.0	1	EPA 8260C	01/31/2014 09:02	02/01/2014 02:21	BK
71-43-2	Benzene	ND		ug/L	2.5	5.0	1	EPA 8260C	01/31/2014 09:02	02/01/2014 02:21	BK
108-86-1	Bromobenzene	ND		ug/L	2.5	5.0	1	EPA 8260C	01/31/2014 09:02	02/01/2014 02:21	BK
74-97-5	Bromochloromethane	ND		ug/L	2.5	5.0	1	EPA 8260C	01/31/2014 09:02	02/01/2014 02:21	BK
75-27-4	Bromodichloromethane	ND		ug/L	2.5	5.0	1	EPA 8260C	01/31/2014 09:02	02/01/2014 02:21	BK
75-25-2	Bromoform	ND		ug/L	2.5	5.0	1	EPA 8260C	01/31/2014 09:02	02/01/2014 02:21	BK
74-83-9	Bromomethane	ND		ug/L	2.5	5.0	1	EPA 8260C	01/31/2014 09:02	02/01/2014 02:21	BK
56-23-5	Carbon tetrachloride	ND		ug/L	2.5	5.0	1	EPA 8260C	01/31/2014 09:02	02/01/2014 02:21	BK
108-90-7	Chlorobenzene	ND		ug/L	2.5	5.0	1	EPA 8260C	01/31/2014 09:02	02/01/2014 02:21	BK
75-00-3	Chloroethane	ND		ug/L	2.5	5.0	1	EPA 8260C	01/31/2014 09:02	02/01/2014 02:21	BK
67-66-3	Chloroform	ND		ug/L	2.5	5.0	1	EPA 8260C	01/31/2014 09:02	02/01/2014 02:21	BK
74-87-3	Chloromethane	ND		ug/L	2.5	5.0	1	EPA 8260C	01/31/2014 09:02	02/01/2014 02:21	BK
156-59-2	cis-1,2-Dichloroethylene	ND		ug/L	2.5	5.0	1	EPA 8260C	01/31/2014 09:02	02/01/2014 02:21	BK
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	2.5	5.0	1	EPA 8260C	01/31/2014 09:02	02/01/2014 02:21	BK
124-48-1	Dibromochloromethane	ND		ug/L	2.5	5.0	1	EPA 8260C	01/31/2014 09:02	02/01/2014 02:21	BK
74-95-3	Dibromomethane	ND		ug/L	2.5	5.0	1	EPA 8260C	01/31/2014 09:02	02/01/2014 02:21	BK
75-71-8	Dichlorodifluoromethane	ND		ug/L	2.5	5.0	1	EPA 8260C	01/31/2014 09:02	02/01/2014 02:21	BK
100-41-4	Ethyl Benzene	ND		ug/L	2.5	5.0	1	EPA 8260C	01/31/2014 09:02	02/01/2014 02:21	BK
87-68-3	Hexachlorobutadiene	ND		ug/L	2.5	5.0	1	EPA 8260C	01/31/2014 09:02	02/01/2014 02:21	BK
98-82-8	Isopropylbenzene	ND		ug/L	2.5	5.0	1	EPA 8260C	01/31/2014 09:02	02/01/2014 02:21	BK
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	2.5	5.0	1	EPA 8260C	01/31/2014 09:02	02/01/2014 02:21	BK
75-09-2	Methylene chloride	ND		ug/L	2.5	5.0	1	EPA 8260C	01/31/2014 09:02	02/01/2014 02:21	BK
91-20-3	Naphthalene	ND		ug/L	2.5	5.0	1	EPA 8260C	01/31/2014 09:02	02/01/2014 02:21	BK
104-51-8	n-Butylbenzene	ND		ug/L	2.5	5.0	1	EPA 8260C	01/31/2014 09:02	02/01/2014 02:21	BK



### Sample Information

**Client Sample ID:** MW-4C

**York Sample ID:** 14A0764-06

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

14A0764

Deluxe

Water

January 22, 2014 11:40 am

01/27/2014

### 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
103-65-1	n-Propylbenzene	ND		ug/L	2.5	5.0	1	EPA 8260C	01/31/2014 09:02	02/01/2014 02:21	BK
95-47-6	o-Xylene	ND		ug/L	2.5	5.0	1	EPA 8260C	01/31/2014 09:02	02/01/2014 02:21	BK
179601-23-1	p- & m- Xylenes	ND		ug/L	5.0	10	1	EPA 8260C	01/31/2014 09:02	02/01/2014 02:21	BK
99-87-6	p-Isopropyltoluene	ND		ug/L	2.5	5.0	1	EPA 8260C	01/31/2014 09:02	02/01/2014 02:21	BK
135-98-8	sec-Butylbenzene	ND		ug/L	2.5	5.0	1	EPA 8260C	01/31/2014 09:02	02/01/2014 02:21	BK
100-42-5	Styrene	ND		ug/L	2.5	5.0	1	EPA 8260C	01/31/2014 09:02	02/01/2014 02:21	BK
98-06-6	tert-Butylbenzene	ND		ug/L	2.5	5.0	1	EPA 8260C	01/31/2014 09:02	02/01/2014 02:21	BK
127-18-4	Tetrachloroethylene	ND		ug/L	2.5	5.0	1	EPA 8260C	01/31/2014 09:02	02/01/2014 02:21	BK
108-88-3	Toluene	ND		ug/L	2.5	5.0	1	EPA 8260C	01/31/2014 09:02	02/01/2014 02:21	BK
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	2.5	5.0	1	EPA 8260C	01/31/2014 09:02	02/01/2014 02:21	BK
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	2.5	5.0	1	EPA 8260C	01/31/2014 09:02	02/01/2014 02:21	BK
79-01-6	Trichloroethylene	ND		ug/L	2.5	5.0	1	EPA 8260C	01/31/2014 09:02	02/01/2014 02:21	BK
75-69-4	Trichlorofluoromethane	ND		ug/L	2.5	5.0	1	EPA 8260C	01/31/2014 09:02	02/01/2014 02:21	BK
75-01-4	Vinyl Chloride	ND		ug/L	2.5	5.0	1	EPA 8260C	01/31/2014 09:02	02/01/2014 02:21	BK
1330-20-7	Xylenes, Total	ND		ug/L	7.5	15	1	EPA 8260C	01/31/2014 09:02	02/01/2014 02:21	BK
108-05-4	Vinyl acetate	ND		ug/L	2.5	5.0	1	EPA 8260C	01/31/2014 09:02	02/01/2014 02:21	BK
	<b>Surrogate Recoveries</b>	<b>Result</b>			<b>Acceptance Range</b>						
17060-07-0	Surrogate: 1,2-Dichloroethane-d4	103 %			78-122						
460-00-4	Surrogate: p-Bromofluorobenzene	103 %			87-112						
2037-26-5	Surrogate: Toluene-d8	98.2 %			91-110						

### Sample Information

**Client Sample ID:** MW-5A

**York Sample ID:** 14A0764-07

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

14A0764

Deluxe

Water

January 22, 2014 12:20 pm

01/27/2014

### 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	2.5	5.0	1	EPA 8260C	01/31/2014 09:02	02/01/2014 03:01	BK
71-55-6	1,1,1-Trichloroethane	ND		ug/L	2.5	5.0	1	EPA 8260C	01/31/2014 09:02	02/01/2014 03:01	BK
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	2.5	5.0	1	EPA 8260C	01/31/2014 09:02	02/01/2014 03:01	BK



### Sample Information

**Client Sample ID:** MW-5A

**York Sample ID:** 14A0764-07

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

14A0764

Deluxe

Water

January 22, 2014 12:20 pm

01/27/2014

**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	,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/L	2.5	5.0	1	EPA 8260C	01/31/2014 09:02	02/01/2014 03:01	BK
79-00-5	1,1,2-Trichloroethane	ND		ug/L	2.5	5.0	1	EPA 8260C	01/31/2014 09:02	02/01/2014 03:01	BK
75-34-3	1,1-Dichloroethane	ND		ug/L	2.5	5.0	1	EPA 8260C	01/31/2014 09:02	02/01/2014 03:01	BK
75-35-4	1,1-Dichloroethylene	ND		ug/L	2.5	5.0	1	EPA 8260C	01/31/2014 09:02	02/01/2014 03:01	BK
563-58-6	1,1-Dichloropropylene	ND		ug/L	2.5	5.0	1	EPA 8260C	01/31/2014 09:02	02/01/2014 03:01	BK
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	2.5	5.0	1	EPA 8260C	01/31/2014 09:02	02/01/2014 03:01	BK
96-18-4	1,2,3-Trichloropropane	ND		ug/L	2.5	5.0	1	EPA 8260C	01/31/2014 09:02	02/01/2014 03:01	BK
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	2.5	5.0	1	EPA 8260C	01/31/2014 09:02	02/01/2014 03:01	BK
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	2.5	5.0	1	EPA 8260C	01/31/2014 09:02	02/01/2014 03:01	BK
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	2.5	5.0	1	EPA 8260C	01/31/2014 09:02	02/01/2014 03:01	BK
106-93-4	1,2-Dibromoethane	ND		ug/L	2.5	5.0	1	EPA 8260C	01/31/2014 09:02	02/01/2014 03:01	BK
95-50-1	1,2-Dichlorobenzene	ND		ug/L	2.5	5.0	1	EPA 8260C	01/31/2014 09:02	02/01/2014 03:01	BK
107-06-2	1,2-Dichloroethane	ND		ug/L	2.5	5.0	1	EPA 8260C	01/31/2014 09:02	02/01/2014 03:01	BK
78-87-5	1,2-Dichloropropane	ND		ug/L	2.5	5.0	1	EPA 8260C	01/31/2014 09:02	02/01/2014 03:01	BK
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	2.5	5.0	1	EPA 8260C	01/31/2014 09:02	02/01/2014 03:01	BK
541-73-1	1,3-Dichlorobenzene	ND		ug/L	2.5	5.0	1	EPA 8260C	01/31/2014 09:02	02/01/2014 03:01	BK
142-28-9	1,3-Dichloropropane	ND		ug/L	2.5	5.0	1	EPA 8260C	01/31/2014 09:02	02/01/2014 03:01	BK
106-46-7	1,4-Dichlorobenzene	ND		ug/L	2.5	5.0	1	EPA 8260C	01/31/2014 09:02	02/01/2014 03:01	BK
594-20-7	2,2-Dichloropropane	ND		ug/L	2.5	5.0	1	EPA 8260C	01/31/2014 09:02	02/01/2014 03:01	BK
78-93-3	2-Butanone	ND		ug/L	2.5	5.0	1	EPA 8260C	01/31/2014 09:02	02/01/2014 03:01	BK
95-49-8	2-Chlorotoluene	ND		ug/L	2.5	5.0	1	EPA 8260C	01/31/2014 09:02	02/01/2014 03:01	BK
106-43-4	4-Chlorotoluene	ND		ug/L	2.5	5.0	1	EPA 8260C	01/31/2014 09:02	02/01/2014 03:01	BK
67-64-1	Acetone	ND		ug/L	2.5	5.0	1	EPA 8260C	01/31/2014 09:02	02/01/2014 03:01	BK
71-43-2	Benzene	ND		ug/L	2.5	5.0	1	EPA 8260C	01/31/2014 09:02	02/01/2014 03:01	BK
108-86-1	Bromobenzene	ND		ug/L	2.5	5.0	1	EPA 8260C	01/31/2014 09:02	02/01/2014 03:01	BK
74-97-5	Bromochloromethane	ND		ug/L	2.5	5.0	1	EPA 8260C	01/31/2014 09:02	02/01/2014 03:01	BK
75-27-4	Bromodichloromethane	ND		ug/L	2.5	5.0	1	EPA 8260C	01/31/2014 09:02	02/01/2014 03:01	BK
75-25-2	Bromoform	ND		ug/L	2.5	5.0	1	EPA 8260C	01/31/2014 09:02	02/01/2014 03:01	BK
74-83-9	Bromomethane	ND		ug/L	2.5	5.0	1	EPA 8260C	01/31/2014 09:02	02/01/2014 03:01	BK
56-23-5	Carbon tetrachloride	ND		ug/L	2.5	5.0	1	EPA 8260C	01/31/2014 09:02	02/01/2014 03:01	BK
108-90-7	Chlorobenzene	ND		ug/L	2.5	5.0	1	EPA 8260C	01/31/2014 09:02	02/01/2014 03:01	BK





### Sample Information

**Client Sample ID:** MW-5A

**York Sample ID:** 14A0764-07

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

14A0764

Deluxe

Water

January 22, 2014 12:20 pm

01/27/2014

**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
75-00-3	Chloroethane	ND		ug/L	2.5	5.0	1	EPA 8260C	01/31/2014 09:02	02/01/2014 03:01	BK
67-66-3	Chloroform	ND		ug/L	2.5	5.0	1	EPA 8260C	01/31/2014 09:02	02/01/2014 03:01	BK
74-87-3	Chloromethane	ND		ug/L	2.5	5.0	1	EPA 8260C	01/31/2014 09:02	02/01/2014 03:01	BK
156-59-2	cis-1,2-Dichloroethylene	ND		ug/L	2.5	5.0	1	EPA 8260C	01/31/2014 09:02	02/01/2014 03:01	BK
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	2.5	5.0	1	EPA 8260C	01/31/2014 09:02	02/01/2014 03:01	BK
124-48-1	Dibromochloromethane	ND		ug/L	2.5	5.0	1	EPA 8260C	01/31/2014 09:02	02/01/2014 03:01	BK
74-95-3	Dibromomethane	ND		ug/L	2.5	5.0	1	EPA 8260C	01/31/2014 09:02	02/01/2014 03:01	BK
75-71-8	Dichlorodifluoromethane	ND		ug/L	2.5	5.0	1	EPA 8260C	01/31/2014 09:02	02/01/2014 03:01	BK
100-41-4	Ethyl Benzene	ND		ug/L	2.5	5.0	1	EPA 8260C	01/31/2014 09:02	02/01/2014 03:01	BK
87-68-3	Hexachlorobutadiene	ND		ug/L	2.5	5.0	1	EPA 8260C	01/31/2014 09:02	02/01/2014 03:01	BK
98-82-8	Isopropylbenzene	ND		ug/L	2.5	5.0	1	EPA 8260C	01/31/2014 09:02	02/01/2014 03:01	BK
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	2.5	5.0	1	EPA 8260C	01/31/2014 09:02	02/01/2014 03:01	BK
75-09-2	Methylene chloride	ND		ug/L	2.5	5.0	1	EPA 8260C	01/31/2014 09:02	02/01/2014 03:01	BK
91-20-3	Naphthalene	ND		ug/L	2.5	5.0	1	EPA 8260C	01/31/2014 09:02	02/01/2014 03:01	BK
104-51-8	n-Butylbenzene	ND		ug/L	2.5	5.0	1	EPA 8260C	01/31/2014 09:02	02/01/2014 03:01	BK
103-65-1	n-Propylbenzene	ND		ug/L	2.5	5.0	1	EPA 8260C	01/31/2014 09:02	02/01/2014 03:01	BK
95-47-6	o-Xylene	ND		ug/L	2.5	5.0	1	EPA 8260C	01/31/2014 09:02	02/01/2014 03:01	BK
179601-23-1	p- & m- Xylenes	ND		ug/L	5.0	10	1	EPA 8260C	01/31/2014 09:02	02/01/2014 03:01	BK
99-87-6	p-Isopropyltoluene	ND		ug/L	2.5	5.0	1	EPA 8260C	01/31/2014 09:02	02/01/2014 03:01	BK
135-98-8	sec-Butylbenzene	ND		ug/L	2.5	5.0	1	EPA 8260C	01/31/2014 09:02	02/01/2014 03:01	BK
100-42-5	Styrene	ND		ug/L	2.5	5.0	1	EPA 8260C	01/31/2014 09:02	02/01/2014 03:01	BK
98-06-6	tert-Butylbenzene	ND		ug/L	2.5	5.0	1	EPA 8260C	01/31/2014 09:02	02/01/2014 03:01	BK
127-18-4	Tetrachloroethylene	13		ug/L	2.5	5.0	1	EPA 8260C	01/31/2014 09:02	02/01/2014 03:01	BK
108-88-3	Toluene	ND		ug/L	2.5	5.0	1	EPA 8260C	01/31/2014 09:02	02/01/2014 03:01	BK
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	2.5	5.0	1	EPA 8260C	01/31/2014 09:02	02/01/2014 03:01	BK
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	2.5	5.0	1	EPA 8260C	01/31/2014 09:02	02/01/2014 03:01	BK
79-01-6	Trichloroethylene	ND		ug/L	2.5	5.0	1	EPA 8260C	01/31/2014 09:02	02/01/2014 03:01	BK
75-69-4	Trichlorofluoromethane	ND		ug/L	2.5	5.0	1	EPA 8260C	01/31/2014 09:02	02/01/2014 03:01	BK
75-01-4	Vinyl Chloride	ND		ug/L	2.5	5.0	1	EPA 8260C	01/31/2014 09:02	02/01/2014 03:01	BK
1330-20-7	Xylenes, Total	ND		ug/L	7.5	15	1	EPA 8260C	01/31/2014 09:02	02/01/2014 03:01	BK
108-05-4	Vinyl acetate	ND		ug/L	2.5	5.0	1	EPA 8260C	01/31/2014 09:02	02/01/2014 03:01	BK



### Sample Information

**Client Sample ID:** MW-5A

**York Sample ID:** 14A0764-07

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

14A0764

Deluxe

Water

January 22, 2014 12:20 pm

01/27/2014

#### 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
	<b>Surrogate Recoveries</b>	<b>Result</b>									
17060-07-0	Surrogate: 1,2-Dichloroethane-d4	100 %			78	122					
460-00-4	Surrogate: p-Bromofluorobenzene	103 %			87	112					
2037-26-5	Surrogate: Toluene-d8	99.1 %			91	110					

### Sample Information

**Client Sample ID:** MW-5D

**York Sample ID:** 14A0764-08

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

14A0764

Deluxe

Water

January 22, 2014 12:55 pm

01/27/2014

#### 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	2.5	5.0	1	EPA 8260C	01/31/2014 09:02	02/01/2014 03:41	BK
71-55-6	1,1,1-Trichloroethane	ND		ug/L	2.5	5.0	1	EPA 8260C	01/31/2014 09:02	02/01/2014 03:41	BK
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	2.5	5.0	1	EPA 8260C	01/31/2014 09:02	02/01/2014 03:41	BK
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/L	2.5	5.0	1	EPA 8260C	01/31/2014 09:02	02/01/2014 03:41	BK
79-00-5	1,1,2-Trichloroethane	ND		ug/L	2.5	5.0	1	EPA 8260C	01/31/2014 09:02	02/01/2014 03:41	BK
75-34-3	1,1-Dichloroethane	ND		ug/L	2.5	5.0	1	EPA 8260C	01/31/2014 09:02	02/01/2014 03:41	BK
75-35-4	1,1-Dichloroethylene	ND		ug/L	2.5	5.0	1	EPA 8260C	01/31/2014 09:02	02/01/2014 03:41	BK
563-58-6	1,1-Dichloropropylene	ND		ug/L	2.5	5.0	1	EPA 8260C	01/31/2014 09:02	02/01/2014 03:41	BK
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	2.5	5.0	1	EPA 8260C	01/31/2014 09:02	02/01/2014 03:41	BK
96-18-4	1,2,3-Trichloropropane	ND		ug/L	2.5	5.0	1	EPA 8260C	01/31/2014 09:02	02/01/2014 03:41	BK
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	2.5	5.0	1	EPA 8260C	01/31/2014 09:02	02/01/2014 03:41	BK
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	2.5	5.0	1	EPA 8260C	01/31/2014 09:02	02/01/2014 03:41	BK
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	2.5	5.0	1	EPA 8260C	01/31/2014 09:02	02/01/2014 03:41	BK
106-93-4	1,2-Dibromoethane	ND		ug/L	2.5	5.0	1	EPA 8260C	01/31/2014 09:02	02/01/2014 03:41	BK
95-50-1	1,2-Dichlorobenzene	ND		ug/L	2.5	5.0	1	EPA 8260C	01/31/2014 09:02	02/01/2014 03:41	BK
107-06-2	1,2-Dichloroethane	ND		ug/L	2.5	5.0	1	EPA 8260C	01/31/2014 09:02	02/01/2014 03:41	BK
78-87-5	1,2-Dichloropropane	ND		ug/L	2.5	5.0	1	EPA 8260C	01/31/2014 09:02	02/01/2014 03:41	BK
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	2.5	5.0	1	EPA 8260C	01/31/2014 09:02	02/01/2014 03:41	BK
541-73-1	1,3-Dichlorobenzene	ND		ug/L	2.5	5.0	1	EPA 8260C	01/31/2014 09:02	02/01/2014 03:41	BK



### Sample Information

**Client Sample ID:** MW-5D

**York Sample ID:** 14A0764-08

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

14A0764

Deluxe

Water

January 22, 2014 12:55 pm

01/27/2014

**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
142-28-9	1,3-Dichloropropane	ND		ug/L	2.5	5.0	1	EPA 8260C	01/31/2014 09:02	02/01/2014 03:41	BK
106-46-7	1,4-Dichlorobenzene	ND		ug/L	2.5	5.0	1	EPA 8260C	01/31/2014 09:02	02/01/2014 03:41	BK
594-20-7	2,2-Dichloropropane	ND		ug/L	2.5	5.0	1	EPA 8260C	01/31/2014 09:02	02/01/2014 03:41	BK
78-93-3	2-Butanone	ND		ug/L	2.5	5.0	1	EPA 8260C	01/31/2014 09:02	02/01/2014 03:41	BK
95-49-8	2-Chlorotoluene	ND		ug/L	2.5	5.0	1	EPA 8260C	01/31/2014 09:02	02/01/2014 03:41	BK
106-43-4	4-Chlorotoluene	ND		ug/L	2.5	5.0	1	EPA 8260C	01/31/2014 09:02	02/01/2014 03:41	BK
67-64-1	Acetone	ND		ug/L	2.5	5.0	1	EPA 8260C	01/31/2014 09:02	02/01/2014 03:41	BK
71-43-2	Benzene	ND		ug/L	2.5	5.0	1	EPA 8260C	01/31/2014 09:02	02/01/2014 03:41	BK
108-86-1	Bromobenzene	ND		ug/L	2.5	5.0	1	EPA 8260C	01/31/2014 09:02	02/01/2014 03:41	BK
74-97-5	Bromochloromethane	ND		ug/L	2.5	5.0	1	EPA 8260C	01/31/2014 09:02	02/01/2014 03:41	BK
75-27-4	Bromodichloromethane	ND		ug/L	2.5	5.0	1	EPA 8260C	01/31/2014 09:02	02/01/2014 03:41	BK
75-25-2	Bromoform	ND		ug/L	2.5	5.0	1	EPA 8260C	01/31/2014 09:02	02/01/2014 03:41	BK
74-83-9	Bromomethane	ND		ug/L	2.5	5.0	1	EPA 8260C	01/31/2014 09:02	02/01/2014 03:41	BK
56-23-5	Carbon tetrachloride	ND		ug/L	2.5	5.0	1	EPA 8260C	01/31/2014 09:02	02/01/2014 03:41	BK
108-90-7	Chlorobenzene	ND		ug/L	2.5	5.0	1	EPA 8260C	01/31/2014 09:02	02/01/2014 03:41	BK
75-00-3	Chloroethane	ND		ug/L	2.5	5.0	1	EPA 8260C	01/31/2014 09:02	02/01/2014 03:41	BK
67-66-3	Chloroform	ND		ug/L	2.5	5.0	1	EPA 8260C	01/31/2014 09:02	02/01/2014 03:41	BK
74-87-3	Chloromethane	ND		ug/L	2.5	5.0	1	EPA 8260C	01/31/2014 09:02	02/01/2014 03:41	BK
156-59-2	cis-1,2-Dichloroethylene	ND		ug/L	2.5	5.0	1	EPA 8260C	01/31/2014 09:02	02/01/2014 03:41	BK
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	2.5	5.0	1	EPA 8260C	01/31/2014 09:02	02/01/2014 03:41	BK
124-48-1	Dibromochloromethane	ND		ug/L	2.5	5.0	1	EPA 8260C	01/31/2014 09:02	02/01/2014 03:41	BK
74-95-3	Dibromomethane	ND		ug/L	2.5	5.0	1	EPA 8260C	01/31/2014 09:02	02/01/2014 03:41	BK
75-71-8	Dichlorodifluoromethane	ND		ug/L	2.5	5.0	1	EPA 8260C	01/31/2014 09:02	02/01/2014 03:41	BK
100-41-4	Ethyl Benzene	ND		ug/L	2.5	5.0	1	EPA 8260C	01/31/2014 09:02	02/01/2014 03:41	BK
87-68-3	Hexachlorobutadiene	ND		ug/L	2.5	5.0	1	EPA 8260C	01/31/2014 09:02	02/01/2014 03:41	BK
98-82-8	Isopropylbenzene	ND		ug/L	2.5	5.0	1	EPA 8260C	01/31/2014 09:02	02/01/2014 03:41	BK
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	2.5	5.0	1	EPA 8260C	01/31/2014 09:02	02/01/2014 03:41	BK
75-09-2	Methylene chloride	ND		ug/L	2.5	5.0	1	EPA 8260C	01/31/2014 09:02	02/01/2014 03:41	BK
91-20-3	Naphthalene	ND		ug/L	2.5	5.0	1	EPA 8260C	01/31/2014 09:02	02/01/2014 03:41	BK
104-51-8	n-Butylbenzene	ND		ug/L	2.5	5.0	1	EPA 8260C	01/31/2014 09:02	02/01/2014 03:41	BK
103-65-1	n-Propylbenzene	ND		ug/L	2.5	5.0	1	EPA 8260C	01/31/2014 09:02	02/01/2014 03:41	BK



### Sample Information

**Client Sample ID:** MW-5D

**York Sample ID:** 14A0764-08

<u>York Project (SDG) No.</u> 14A0764	<u>Client Project ID</u> Deluxe	<u>Matrix</u> Water	<u>Collection Date/Time</u> January 22, 2014 12:55 pm	<u>Date Received</u> 01/27/2014
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### 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
95-47-6	o-Xylene	ND		ug/L	2.5	5.0	1	EPA 8260C	01/31/2014 09:02	02/01/2014 03:41	BK
179601-23-1	p- & m- Xylenes	ND		ug/L	5.0	10	1	EPA 8260C	01/31/2014 09:02	02/01/2014 03:41	BK
99-87-6	p-Isopropyltoluene	ND		ug/L	2.5	5.0	1	EPA 8260C	01/31/2014 09:02	02/01/2014 03:41	BK
135-98-8	sec-Butylbenzene	ND		ug/L	2.5	5.0	1	EPA 8260C	01/31/2014 09:02	02/01/2014 03:41	BK
100-42-5	Styrene	ND		ug/L	2.5	5.0	1	EPA 8260C	01/31/2014 09:02	02/01/2014 03:41	BK
98-06-6	tert-Butylbenzene	ND		ug/L	2.5	5.0	1	EPA 8260C	01/31/2014 09:02	02/01/2014 03:41	BK
127-18-4	Tetrachloroethylene	ND		ug/L	2.5	5.0	1	EPA 8260C	01/31/2014 09:02	02/01/2014 03:41	BK
108-88-3	Toluene	ND		ug/L	2.5	5.0	1	EPA 8260C	01/31/2014 09:02	02/01/2014 03:41	BK
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	2.5	5.0	1	EPA 8260C	01/31/2014 09:02	02/01/2014 03:41	BK
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	2.5	5.0	1	EPA 8260C	01/31/2014 09:02	02/01/2014 03:41	BK
79-01-6	Trichloroethylene	ND		ug/L	2.5	5.0	1	EPA 8260C	01/31/2014 09:02	02/01/2014 03:41	BK
75-69-4	Trichlorofluoromethane	ND		ug/L	2.5	5.0	1	EPA 8260C	01/31/2014 09:02	02/01/2014 03:41	BK
75-01-4	Vinyl Chloride	ND		ug/L	2.5	5.0	1	EPA 8260C	01/31/2014 09:02	02/01/2014 03:41	BK
1330-20-7	Xylenes, Total	ND		ug/L	7.5	15	1	EPA 8260C	01/31/2014 09:02	02/01/2014 03:41	BK
108-05-4	Vinyl acetate	ND		ug/L	2.5	5.0	1	EPA 8260C	01/31/2014 09:02	02/01/2014 03:41	BK
	<b>Surrogate Recoveries</b>	<b>Result</b>			<b>Acceptance Range</b>						
17060-07-0	Surrogate: 1,2-Dichloroethane-d4	102 %			78-122						
460-00-4	Surrogate: p-Bromofluorobenzene	101 %			87-112						
2037-26-5	Surrogate: Toluene-d8	98.4 %			91-110						

### Sample Information

**Client Sample ID:** MW-6A

**York Sample ID:** 14A0764-09

<u>York Project (SDG) No.</u> 14A0764	<u>Client Project ID</u> Deluxe	<u>Matrix</u> Water	<u>Collection Date/Time</u> January 22, 2014 2:20 pm	<u>Date Received</u> 01/27/2014
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### 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	2.5	5.0	1	EPA 8260C	01/31/2014 09:02	02/01/2014 04:20	BK
71-55-6	1,1,1-Trichloroethane	ND		ug/L	2.5	5.0	1	EPA 8260C	01/31/2014 09:02	02/01/2014 04:20	BK
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	2.5	5.0	1	EPA 8260C	01/31/2014 09:02	02/01/2014 04:20	BK
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/L	2.5	5.0	1	EPA 8260C	01/31/2014 09:02	02/01/2014 04:20	BK



### Sample Information

**Client Sample ID:** MW-6A

**York Sample ID:** 14A0764-09

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

14A0764

Deluxe

Water

January 22, 2014 2:20 pm

01/27/2014

**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
79-00-5	1,1,2-Trichloroethane	ND		ug/L	2.5	5.0	1	EPA 8260C	01/31/2014 09:02	02/01/2014 04:20	BK
75-34-3	1,1-Dichloroethane	ND		ug/L	2.5	5.0	1	EPA 8260C	01/31/2014 09:02	02/01/2014 04:20	BK
75-35-4	1,1-Dichloroethylene	ND		ug/L	2.5	5.0	1	EPA 8260C	01/31/2014 09:02	02/01/2014 04:20	BK
563-58-6	1,1-Dichloropropylene	ND		ug/L	2.5	5.0	1	EPA 8260C	01/31/2014 09:02	02/01/2014 04:20	BK
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	2.5	5.0	1	EPA 8260C	01/31/2014 09:02	02/01/2014 04:20	BK
96-18-4	1,2,3-Trichloropropane	ND		ug/L	2.5	5.0	1	EPA 8260C	01/31/2014 09:02	02/01/2014 04:20	BK
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	2.5	5.0	1	EPA 8260C	01/31/2014 09:02	02/01/2014 04:20	BK
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	2.5	5.0	1	EPA 8260C	01/31/2014 09:02	02/01/2014 04:20	BK
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	2.5	5.0	1	EPA 8260C	01/31/2014 09:02	02/01/2014 04:20	BK
106-93-4	1,2-Dibromoethane	ND		ug/L	2.5	5.0	1	EPA 8260C	01/31/2014 09:02	02/01/2014 04:20	BK
95-50-1	1,2-Dichlorobenzene	ND		ug/L	2.5	5.0	1	EPA 8260C	01/31/2014 09:02	02/01/2014 04:20	BK
107-06-2	1,2-Dichloroethane	ND		ug/L	2.5	5.0	1	EPA 8260C	01/31/2014 09:02	02/01/2014 04:20	BK
78-87-5	1,2-Dichloropropane	ND		ug/L	2.5	5.0	1	EPA 8260C	01/31/2014 09:02	02/01/2014 04:20	BK
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	2.5	5.0	1	EPA 8260C	01/31/2014 09:02	02/01/2014 04:20	BK
541-73-1	1,3-Dichlorobenzene	ND		ug/L	2.5	5.0	1	EPA 8260C	01/31/2014 09:02	02/01/2014 04:20	BK
142-28-9	1,3-Dichloropropane	ND		ug/L	2.5	5.0	1	EPA 8260C	01/31/2014 09:02	02/01/2014 04:20	BK
106-46-7	1,4-Dichlorobenzene	ND		ug/L	2.5	5.0	1	EPA 8260C	01/31/2014 09:02	02/01/2014 04:20	BK
594-20-7	2,2-Dichloropropane	ND		ug/L	2.5	5.0	1	EPA 8260C	01/31/2014 09:02	02/01/2014 04:20	BK
78-93-3	2-Butanone	ND		ug/L	2.5	5.0	1	EPA 8260C	01/31/2014 09:02	02/01/2014 04:20	BK
95-49-8	2-Chlorotoluene	ND		ug/L	2.5	5.0	1	EPA 8260C	01/31/2014 09:02	02/01/2014 04:20	BK
106-43-4	4-Chlorotoluene	ND		ug/L	2.5	5.0	1	EPA 8260C	01/31/2014 09:02	02/01/2014 04:20	BK
67-64-1	Acetone	ND		ug/L	2.5	5.0	1	EPA 8260C	01/31/2014 09:02	02/01/2014 04:20	BK
71-43-2	Benzene	ND		ug/L	2.5	5.0	1	EPA 8260C	01/31/2014 09:02	02/01/2014 04:20	BK
108-86-1	Bromobenzene	ND		ug/L	2.5	5.0	1	EPA 8260C	01/31/2014 09:02	02/01/2014 04:20	BK
74-97-5	Bromochloromethane	ND		ug/L	2.5	5.0	1	EPA 8260C	01/31/2014 09:02	02/01/2014 04:20	BK
75-27-4	Bromodichloromethane	ND		ug/L	2.5	5.0	1	EPA 8260C	01/31/2014 09:02	02/01/2014 04:20	BK
75-25-2	Bromoform	ND		ug/L	2.5	5.0	1	EPA 8260C	01/31/2014 09:02	02/01/2014 04:20	BK
74-83-9	Bromomethane	ND		ug/L	2.5	5.0	1	EPA 8260C	01/31/2014 09:02	02/01/2014 04:20	BK
56-23-5	Carbon tetrachloride	ND		ug/L	2.5	5.0	1	EPA 8260C	01/31/2014 09:02	02/01/2014 04:20	BK
108-90-7	Chlorobenzene	ND		ug/L	2.5	5.0	1	EPA 8260C	01/31/2014 09:02	02/01/2014 04:20	BK
75-00-3	Chloroethane	ND		ug/L	2.5	5.0	1	EPA 8260C	01/31/2014 09:02	02/01/2014 04:20	BK



## Sample Information

**Client Sample ID:** MW-6A

**York Sample ID:** 14A0764-09

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

14A0764

Deluxe

Water

January 22, 2014 2:20 pm

01/27/2014

**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
67-66-3	Chloroform	ND		ug/L	2.5	5.0	1	EPA 8260C	01/31/2014 09:02	02/01/2014 04:20	BK
74-87-3	Chloromethane	ND		ug/L	2.5	5.0	1	EPA 8260C	01/31/2014 09:02	02/01/2014 04:20	BK
156-59-2	cis-1,2-Dichloroethylene	ND		ug/L	2.5	5.0	1	EPA 8260C	01/31/2014 09:02	02/01/2014 04:20	BK
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	2.5	5.0	1	EPA 8260C	01/31/2014 09:02	02/01/2014 04:20	BK
124-48-1	Dibromochloromethane	ND		ug/L	2.5	5.0	1	EPA 8260C	01/31/2014 09:02	02/01/2014 04:20	BK
74-95-3	Dibromomethane	ND		ug/L	2.5	5.0	1	EPA 8260C	01/31/2014 09:02	02/01/2014 04:20	BK
75-71-8	Dichlorodifluoromethane	ND		ug/L	2.5	5.0	1	EPA 8260C	01/31/2014 09:02	02/01/2014 04:20	BK
100-41-4	Ethyl Benzene	ND		ug/L	2.5	5.0	1	EPA 8260C	01/31/2014 09:02	02/01/2014 04:20	BK
87-68-3	Hexachlorobutadiene	ND		ug/L	2.5	5.0	1	EPA 8260C	01/31/2014 09:02	02/01/2014 04:20	BK
98-82-8	Isopropylbenzene	ND		ug/L	2.5	5.0	1	EPA 8260C	01/31/2014 09:02	02/01/2014 04:20	BK
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	2.5	5.0	1	EPA 8260C	01/31/2014 09:02	02/01/2014 04:20	BK
75-09-2	Methylene chloride	ND		ug/L	2.5	5.0	1	EPA 8260C	01/31/2014 09:02	02/01/2014 04:20	BK
91-20-3	Naphthalene	ND		ug/L	2.5	5.0	1	EPA 8260C	01/31/2014 09:02	02/01/2014 04:20	BK
104-51-8	n-Butylbenzene	ND		ug/L	2.5	5.0	1	EPA 8260C	01/31/2014 09:02	02/01/2014 04:20	BK
103-65-1	n-Propylbenzene	ND		ug/L	2.5	5.0	1	EPA 8260C	01/31/2014 09:02	02/01/2014 04:20	BK
95-47-6	o-Xylene	ND		ug/L	2.5	5.0	1	EPA 8260C	01/31/2014 09:02	02/01/2014 04:20	BK
179601-23-1	p- & m- Xylenes	ND		ug/L	5.0	10	1	EPA 8260C	01/31/2014 09:02	02/01/2014 04:20	BK
99-87-6	p-Isopropyltoluene	ND		ug/L	2.5	5.0	1	EPA 8260C	01/31/2014 09:02	02/01/2014 04:20	BK
135-98-8	sec-Butylbenzene	ND		ug/L	2.5	5.0	1	EPA 8260C	01/31/2014 09:02	02/01/2014 04:20	BK
100-42-5	Styrene	ND		ug/L	2.5	5.0	1	EPA 8260C	01/31/2014 09:02	02/01/2014 04:20	BK
98-06-6	tert-Butylbenzene	ND		ug/L	2.5	5.0	1	EPA 8260C	01/31/2014 09:02	02/01/2014 04:20	BK
127-18-4	Tetrachloroethylene	ND		ug/L	2.5	5.0	1	EPA 8260C	01/31/2014 09:02	02/01/2014 04:20	BK
108-88-3	Toluene	ND		ug/L	2.5	5.0	1	EPA 8260C	01/31/2014 09:02	02/01/2014 04:20	BK
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	2.5	5.0	1	EPA 8260C	01/31/2014 09:02	02/01/2014 04:20	BK
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	2.5	5.0	1	EPA 8260C	01/31/2014 09:02	02/01/2014 04:20	BK
79-01-6	Trichloroethylene	ND		ug/L	2.5	5.0	1	EPA 8260C	01/31/2014 09:02	02/01/2014 04:20	BK
75-69-4	Trichlorofluoromethane	ND		ug/L	2.5	5.0	1	EPA 8260C	01/31/2014 09:02	02/01/2014 04:20	BK
75-01-4	Vinyl Chloride	ND		ug/L	2.5	5.0	1	EPA 8260C	01/31/2014 09:02	02/01/2014 04:20	BK
1330-20-7	Xylenes, Total	ND		ug/L	7.5	15	1	EPA 8260C	01/31/2014 09:02	02/01/2014 04:20	BK
108-05-4	Vinyl acetate	ND		ug/L	2.5	5.0	1	EPA 8260C	01/31/2014 09:02	02/01/2014 04:20	BK
	<b>Surrogate Recoveries</b>	<b>Result</b>			<b>Acceptance Range</b>						
17060-07-0	Surrogate: 1,2-Dichloroethane-d4	99.5 %			78-122						



### Sample Information

**Client Sample ID:** MW-6A

**York Sample ID:** 14A0764-09

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

14A0764

Deluxe

Water

January 22, 2014 2:20 pm

01/27/2014

### 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
460-00-4	Surrogate: p-Bromofluorobenzene	103 %			87-112						
2037-26-5	Surrogate: Toluene-d8	99.3 %			91-110						

### Sample Information

**Client Sample ID:** MW-6D

**York Sample ID:** 14A0764-10

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

14A0764

Deluxe

Water

January 22, 2014 3:00 pm

01/27/2014

### 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	2.5	5.0	1	EPA 8260C	01/31/2014 09:02	02/01/2014 05:00	BK
71-55-6	1,1,1-Trichloroethane	ND		ug/L	2.5	5.0	1	EPA 8260C	01/31/2014 09:02	02/01/2014 05:00	BK
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	2.5	5.0	1	EPA 8260C	01/31/2014 09:02	02/01/2014 05:00	BK
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/L	2.5	5.0	1	EPA 8260C	01/31/2014 09:02	02/01/2014 05:00	BK
79-00-5	1,1,2-Trichloroethane	ND		ug/L	2.5	5.0	1	EPA 8260C	01/31/2014 09:02	02/01/2014 05:00	BK
75-34-3	1,1-Dichloroethane	ND		ug/L	2.5	5.0	1	EPA 8260C	01/31/2014 09:02	02/01/2014 05:00	BK
75-35-4	1,1-Dichloroethylene	ND		ug/L	2.5	5.0	1	EPA 8260C	01/31/2014 09:02	02/01/2014 05:00	BK
563-58-6	1,1-Dichloropropylene	ND		ug/L	2.5	5.0	1	EPA 8260C	01/31/2014 09:02	02/01/2014 05:00	BK
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	2.5	5.0	1	EPA 8260C	01/31/2014 09:02	02/01/2014 05:00	BK
96-18-4	1,2,3-Trichloropropane	ND		ug/L	2.5	5.0	1	EPA 8260C	01/31/2014 09:02	02/01/2014 05:00	BK
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	2.5	5.0	1	EPA 8260C	01/31/2014 09:02	02/01/2014 05:00	BK
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	2.5	5.0	1	EPA 8260C	01/31/2014 09:02	02/01/2014 05:00	BK
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	2.5	5.0	1	EPA 8260C	01/31/2014 09:02	02/01/2014 05:00	BK
106-93-4	1,2-Dibromoethane	ND		ug/L	2.5	5.0	1	EPA 8260C	01/31/2014 09:02	02/01/2014 05:00	BK
95-50-1	1,2-Dichlorobenzene	ND		ug/L	2.5	5.0	1	EPA 8260C	01/31/2014 09:02	02/01/2014 05:00	BK
107-06-2	1,2-Dichloroethane	ND		ug/L	2.5	5.0	1	EPA 8260C	01/31/2014 09:02	02/01/2014 05:00	BK
78-87-5	1,2-Dichloropropane	ND		ug/L	2.5	5.0	1	EPA 8260C	01/31/2014 09:02	02/01/2014 05:00	BK
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	2.5	5.0	1	EPA 8260C	01/31/2014 09:02	02/01/2014 05:00	BK
541-73-1	1,3-Dichlorobenzene	ND		ug/L	2.5	5.0	1	EPA 8260C	01/31/2014 09:02	02/01/2014 05:00	BK
142-28-9	1,3-Dichloropropane	ND		ug/L	2.5	5.0	1	EPA 8260C	01/31/2014 09:02	02/01/2014 05:00	BK
106-46-7	1,4-Dichlorobenzene	ND		ug/L	2.5	5.0	1	EPA 8260C	01/31/2014 09:02	02/01/2014 05:00	BK



### Sample Information

**Client Sample ID:** MW-6D

**York Sample ID:** 14A0764-10

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

14A0764

Deluxe

Water

January 22, 2014 3:00 pm

01/27/2014

**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
594-20-7	2,2-Dichloropropane	ND		ug/L	2.5	5.0	1	EPA 8260C	01/31/2014 09:02	02/01/2014 05:00	BK
78-93-3	2-Butanone	ND		ug/L	2.5	5.0	1	EPA 8260C	01/31/2014 09:02	02/01/2014 05:00	BK
95-49-8	2-Chlorotoluene	ND		ug/L	2.5	5.0	1	EPA 8260C	01/31/2014 09:02	02/01/2014 05:00	BK
106-43-4	4-Chlorotoluene	ND		ug/L	2.5	5.0	1	EPA 8260C	01/31/2014 09:02	02/01/2014 05:00	BK
67-64-1	Acetone	ND		ug/L	2.5	5.0	1	EPA 8260C	01/31/2014 09:02	02/01/2014 05:00	BK
71-43-2	Benzene	ND		ug/L	2.5	5.0	1	EPA 8260C	01/31/2014 09:02	02/01/2014 05:00	BK
108-86-1	Bromobenzene	ND		ug/L	2.5	5.0	1	EPA 8260C	01/31/2014 09:02	02/01/2014 05:00	BK
74-97-5	Bromochloromethane	ND		ug/L	2.5	5.0	1	EPA 8260C	01/31/2014 09:02	02/01/2014 05:00	BK
75-27-4	Bromodichloromethane	ND		ug/L	2.5	5.0	1	EPA 8260C	01/31/2014 09:02	02/01/2014 05:00	BK
75-25-2	Bromoform	ND		ug/L	2.5	5.0	1	EPA 8260C	01/31/2014 09:02	02/01/2014 05:00	BK
74-83-9	Bromomethane	ND		ug/L	2.5	5.0	1	EPA 8260C	01/31/2014 09:02	02/01/2014 05:00	BK
56-23-5	Carbon tetrachloride	ND		ug/L	2.5	5.0	1	EPA 8260C	01/31/2014 09:02	02/01/2014 05:00	BK
108-90-7	Chlorobenzene	ND		ug/L	2.5	5.0	1	EPA 8260C	01/31/2014 09:02	02/01/2014 05:00	BK
75-00-3	Chloroethane	ND		ug/L	2.5	5.0	1	EPA 8260C	01/31/2014 09:02	02/01/2014 05:00	BK
67-66-3	Chloroform	ND		ug/L	2.5	5.0	1	EPA 8260C	01/31/2014 09:02	02/01/2014 05:00	BK
74-87-3	Chloromethane	ND		ug/L	2.5	5.0	1	EPA 8260C	01/31/2014 09:02	02/01/2014 05:00	BK
156-59-2	cis-1,2-Dichloroethylene	ND		ug/L	2.5	5.0	1	EPA 8260C	01/31/2014 09:02	02/01/2014 05:00	BK
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	2.5	5.0	1	EPA 8260C	01/31/2014 09:02	02/01/2014 05:00	BK
124-48-1	Dibromochloromethane	ND		ug/L	2.5	5.0	1	EPA 8260C	01/31/2014 09:02	02/01/2014 05:00	BK
74-95-3	Dibromomethane	ND		ug/L	2.5	5.0	1	EPA 8260C	01/31/2014 09:02	02/01/2014 05:00	BK
75-71-8	Dichlorodifluoromethane	ND		ug/L	2.5	5.0	1	EPA 8260C	01/31/2014 09:02	02/01/2014 05:00	BK
100-41-4	Ethyl Benzene	ND		ug/L	2.5	5.0	1	EPA 8260C	01/31/2014 09:02	02/01/2014 05:00	BK
87-68-3	Hexachlorobutadiene	ND		ug/L	2.5	5.0	1	EPA 8260C	01/31/2014 09:02	02/01/2014 05:00	BK
98-82-8	Isopropylbenzene	ND		ug/L	2.5	5.0	1	EPA 8260C	01/31/2014 09:02	02/01/2014 05:00	BK
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	2.5	5.0	1	EPA 8260C	01/31/2014 09:02	02/01/2014 05:00	BK
75-09-2	Methylene chloride	ND		ug/L	2.5	5.0	1	EPA 8260C	01/31/2014 09:02	02/01/2014 05:00	BK
91-20-3	Naphthalene	ND		ug/L	2.5	5.0	1	EPA 8260C	01/31/2014 09:02	02/01/2014 05:00	BK
104-51-8	n-Butylbenzene	ND		ug/L	2.5	5.0	1	EPA 8260C	01/31/2014 09:02	02/01/2014 05:00	BK
103-65-1	n-Propylbenzene	ND		ug/L	2.5	5.0	1	EPA 8260C	01/31/2014 09:02	02/01/2014 05:00	BK
95-47-6	o-Xylene	ND		ug/L	2.5	5.0	1	EPA 8260C	01/31/2014 09:02	02/01/2014 05:00	BK
179601-23-1	p- & m- Xylenes	ND		ug/L	5.0	10	1	EPA 8260C	01/31/2014 09:02	02/01/2014 05:00	BK





### Sample Information

**Client Sample ID:** MW-6D

**York Sample ID:** 14A0764-10

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

14A0764

Deluxe

Water

January 22, 2014 3:00 pm

01/27/2014

### 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
99-87-6	p-Isopropyltoluene	ND		ug/L	2.5	5.0	1	EPA 8260C	01/31/2014 09:02	02/01/2014 05:00	BK
135-98-8	sec-Butylbenzene	ND		ug/L	2.5	5.0	1	EPA 8260C	01/31/2014 09:02	02/01/2014 05:00	BK
100-42-5	Styrene	ND		ug/L	2.5	5.0	1	EPA 8260C	01/31/2014 09:02	02/01/2014 05:00	BK
98-06-6	tert-Butylbenzene	ND		ug/L	2.5	5.0	1	EPA 8260C	01/31/2014 09:02	02/01/2014 05:00	BK
127-18-4	Tetrachloroethylene	ND		ug/L	2.5	5.0	1	EPA 8260C	01/31/2014 09:02	02/01/2014 05:00	BK
108-88-3	Toluene	ND		ug/L	2.5	5.0	1	EPA 8260C	01/31/2014 09:02	02/01/2014 05:00	BK
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	2.5	5.0	1	EPA 8260C	01/31/2014 09:02	02/01/2014 05:00	BK
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	2.5	5.0	1	EPA 8260C	01/31/2014 09:02	02/01/2014 05:00	BK
79-01-6	Trichloroethylene	ND		ug/L	2.5	5.0	1	EPA 8260C	01/31/2014 09:02	02/01/2014 05:00	BK
75-69-4	Trichlorofluoromethane	ND		ug/L	2.5	5.0	1	EPA 8260C	01/31/2014 09:02	02/01/2014 05:00	BK
75-01-4	Vinyl Chloride	ND		ug/L	2.5	5.0	1	EPA 8260C	01/31/2014 09:02	02/01/2014 05:00	BK
1330-20-7	Xylenes, Total	ND		ug/L	7.5	15	1	EPA 8260C	01/31/2014 09:02	02/01/2014 05:00	BK
108-05-4	Vinyl acetate	ND		ug/L	2.5	5.0	1	EPA 8260C	01/31/2014 09:02	02/01/2014 05:00	BK
	<b>Surrogate Recoveries</b>	<b>Result</b>			<b>Acceptance Range</b>						
17060-07-0	Surrogate: 1,2-Dichloroethane-d4	102 %			78-122						
460-00-4	Surrogate: p-Bromofluorobenzene	103 %			87-112						
2037-26-5	Surrogate: Toluene-d8	98.6 %			91-110						

### Sample Information

**Client Sample ID:** MW-7A

**York Sample ID:** 14A0764-11

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

14A0764

Deluxe

Water

January 23, 2014 9:00 am

01/27/2014

### 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	2.5	5.0	1	EPA 8260C	01/31/2014 15:02	02/01/2014 05:39	BK
71-55-6	1,1,1-Trichloroethane	ND		ug/L	2.5	5.0	1	EPA 8260C	01/31/2014 15:02	02/01/2014 05:39	BK
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	2.5	5.0	1	EPA 8260C	01/31/2014 15:02	02/01/2014 05:39	BK
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/L	2.5	5.0	1	EPA 8260C	01/31/2014 15:02	02/01/2014 05:39	BK
79-00-5	1,1,2-Trichloroethane	ND		ug/L	2.5	5.0	1	EPA 8260C	01/31/2014 15:02	02/01/2014 05:39	BK
75-34-3	1,1-Dichloroethane	ND		ug/L	2.5	5.0	1	EPA 8260C	01/31/2014 15:02	02/01/2014 05:39	BK



### Sample Information

**Client Sample ID:** MW-7A

**York Sample ID:** 14A0764-11

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

14A0764

Deluxe

Water

January 23, 2014 9:00 am

01/27/2014

**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
75-35-4	1,1-Dichloroethylene	ND		ug/L	2.5	5.0	1	EPA 8260C	01/31/2014 15:02	02/01/2014 05:39	BK
563-58-6	1,1-Dichloropropylene	ND		ug/L	2.5	5.0	1	EPA 8260C	01/31/2014 15:02	02/01/2014 05:39	BK
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	2.5	5.0	1	EPA 8260C	01/31/2014 15:02	02/01/2014 05:39	BK
96-18-4	1,2,3-Trichloropropane	ND		ug/L	2.5	5.0	1	EPA 8260C	01/31/2014 15:02	02/01/2014 05:39	BK
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	2.5	5.0	1	EPA 8260C	01/31/2014 15:02	02/01/2014 05:39	BK
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	2.5	5.0	1	EPA 8260C	01/31/2014 15:02	02/01/2014 05:39	BK
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	2.5	5.0	1	EPA 8260C	01/31/2014 15:02	02/01/2014 05:39	BK
106-93-4	1,2-Dibromoethane	ND		ug/L	2.5	5.0	1	EPA 8260C	01/31/2014 15:02	02/01/2014 05:39	BK
95-50-1	1,2-Dichlorobenzene	ND		ug/L	2.5	5.0	1	EPA 8260C	01/31/2014 15:02	02/01/2014 05:39	BK
107-06-2	1,2-Dichloroethane	ND		ug/L	2.5	5.0	1	EPA 8260C	01/31/2014 15:02	02/01/2014 05:39	BK
78-87-5	1,2-Dichloropropane	ND		ug/L	2.5	5.0	1	EPA 8260C	01/31/2014 15:02	02/01/2014 05:39	BK
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	2.5	5.0	1	EPA 8260C	01/31/2014 15:02	02/01/2014 05:39	BK
541-73-1	1,3-Dichlorobenzene	ND		ug/L	2.5	5.0	1	EPA 8260C	01/31/2014 15:02	02/01/2014 05:39	BK
142-28-9	1,3-Dichloropropane	ND		ug/L	2.5	5.0	1	EPA 8260C	01/31/2014 15:02	02/01/2014 05:39	BK
106-46-7	1,4-Dichlorobenzene	ND		ug/L	2.5	5.0	1	EPA 8260C	01/31/2014 15:02	02/01/2014 05:39	BK
594-20-7	2,2-Dichloropropane	ND		ug/L	2.5	5.0	1	EPA 8260C	01/31/2014 15:02	02/01/2014 05:39	BK
78-93-3	2-Butanone	ND		ug/L	2.5	5.0	1	EPA 8260C	01/31/2014 15:02	02/01/2014 05:39	BK
95-49-8	2-Chlorotoluene	ND		ug/L	2.5	5.0	1	EPA 8260C	01/31/2014 15:02	02/01/2014 05:39	BK
106-43-4	4-Chlorotoluene	ND		ug/L	2.5	5.0	1	EPA 8260C	01/31/2014 15:02	02/01/2014 05:39	BK
67-64-1	Acetone	ND		ug/L	2.5	5.0	1	EPA 8260C	01/31/2014 15:02	02/01/2014 05:39	BK
71-43-2	Benzene	ND		ug/L	2.5	5.0	1	EPA 8260C	01/31/2014 15:02	02/01/2014 05:39	BK
108-86-1	Bromobenzene	ND		ug/L	2.5	5.0	1	EPA 8260C	01/31/2014 15:02	02/01/2014 05:39	BK
74-97-5	Bromochloromethane	ND		ug/L	2.5	5.0	1	EPA 8260C	01/31/2014 15:02	02/01/2014 05:39	BK
75-27-4	Bromodichloromethane	ND		ug/L	2.5	5.0	1	EPA 8260C	01/31/2014 15:02	02/01/2014 05:39	BK
75-25-2	Bromoform	ND		ug/L	2.5	5.0	1	EPA 8260C	01/31/2014 15:02	02/01/2014 05:39	BK
74-83-9	Bromomethane	ND		ug/L	2.5	5.0	1	EPA 8260C	01/31/2014 15:02	02/01/2014 05:39	BK
56-23-5	Carbon tetrachloride	ND		ug/L	2.5	5.0	1	EPA 8260C	01/31/2014 15:02	02/01/2014 05:39	BK
108-90-7	Chlorobenzene	ND		ug/L	2.5	5.0	1	EPA 8260C	01/31/2014 15:02	02/01/2014 05:39	BK
75-00-3	Chloroethane	ND		ug/L	2.5	5.0	1	EPA 8260C	01/31/2014 15:02	02/01/2014 05:39	BK
67-66-3	Chloroform	ND		ug/L	2.5	5.0	1	EPA 8260C	01/31/2014 15:02	02/01/2014 05:39	BK
74-87-3	Chloromethane	ND		ug/L	2.5	5.0	1	EPA 8260C	01/31/2014 15:02	02/01/2014 05:39	BK



## Sample Information

**Client Sample ID:** MW-7A

**York Sample ID:** 14A0764-11

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

14A0764

Deluxe

Water

January 23, 2014 9:00 am

01/27/2014

**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
156-59-2	cis-1,2-Dichloroethylene	ND		ug/L	2.5	5.0	1	EPA 8260C	01/31/2014 15:02	02/01/2014 05:39	BK
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	2.5	5.0	1	EPA 8260C	01/31/2014 15:02	02/01/2014 05:39	BK
124-48-1	Dibromochloromethane	ND		ug/L	2.5	5.0	1	EPA 8260C	01/31/2014 15:02	02/01/2014 05:39	BK
74-95-3	Dibromomethane	ND		ug/L	2.5	5.0	1	EPA 8260C	01/31/2014 15:02	02/01/2014 05:39	BK
75-71-8	Dichlorodifluoromethane	ND		ug/L	2.5	5.0	1	EPA 8260C	01/31/2014 15:02	02/01/2014 05:39	BK
100-41-4	Ethyl Benzene	ND		ug/L	2.5	5.0	1	EPA 8260C	01/31/2014 15:02	02/01/2014 05:39	BK
87-68-3	Hexachlorobutadiene	ND		ug/L	2.5	5.0	1	EPA 8260C	01/31/2014 15:02	02/01/2014 05:39	BK
98-82-8	Isopropylbenzene	ND		ug/L	2.5	5.0	1	EPA 8260C	01/31/2014 15:02	02/01/2014 05:39	BK
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	2.5	5.0	1	EPA 8260C	01/31/2014 15:02	02/01/2014 05:39	BK
75-09-2	Methylene chloride	ND		ug/L	2.5	5.0	1	EPA 8260C	01/31/2014 15:02	02/01/2014 05:39	BK
91-20-3	Naphthalene	ND		ug/L	2.5	5.0	1	EPA 8260C	01/31/2014 15:02	02/01/2014 05:39	BK
104-51-8	n-Butylbenzene	ND		ug/L	2.5	5.0	1	EPA 8260C	01/31/2014 15:02	02/01/2014 05:39	BK
103-65-1	n-Propylbenzene	ND		ug/L	2.5	5.0	1	EPA 8260C	01/31/2014 15:02	02/01/2014 05:39	BK
95-47-6	o-Xylene	ND		ug/L	2.5	5.0	1	EPA 8260C	01/31/2014 15:02	02/01/2014 05:39	BK
179601-23-1	p- & m- Xylenes	ND		ug/L	5.0	10	1	EPA 8260C	01/31/2014 15:02	02/01/2014 05:39	BK
99-87-6	p-Isopropyltoluene	ND		ug/L	2.5	5.0	1	EPA 8260C	01/31/2014 15:02	02/01/2014 05:39	BK
135-98-8	sec-Butylbenzene	ND		ug/L	2.5	5.0	1	EPA 8260C	01/31/2014 15:02	02/01/2014 05:39	BK
100-42-5	Styrene	ND		ug/L	2.5	5.0	1	EPA 8260C	01/31/2014 15:02	02/01/2014 05:39	BK
98-06-6	tert-Butylbenzene	ND		ug/L	2.5	5.0	1	EPA 8260C	01/31/2014 15:02	02/01/2014 05:39	BK
127-18-4	Tetrachloroethylene	ND		ug/L	2.5	5.0	1	EPA 8260C	01/31/2014 15:02	02/01/2014 05:39	BK
108-88-3	Toluene	ND		ug/L	2.5	5.0	1	EPA 8260C	01/31/2014 15:02	02/01/2014 05:39	BK
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	2.5	5.0	1	EPA 8260C	01/31/2014 15:02	02/01/2014 05:39	BK
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	2.5	5.0	1	EPA 8260C	01/31/2014 15:02	02/01/2014 05:39	BK
79-01-6	Trichloroethylene	ND		ug/L	2.5	5.0	1	EPA 8260C	01/31/2014 15:02	02/01/2014 05:39	BK
75-69-4	Trichlorofluoromethane	ND		ug/L	2.5	5.0	1	EPA 8260C	01/31/2014 15:02	02/01/2014 05:39	BK
75-01-4	Vinyl Chloride	ND		ug/L	2.5	5.0	1	EPA 8260C	01/31/2014 15:02	02/01/2014 05:39	BK
1330-20-7	Xylenes, Total	ND		ug/L	7.5	15	1	EPA 8260C	01/31/2014 15:02	02/01/2014 05:39	BK
108-05-4	Vinyl acetate	ND		ug/L	2.5	5.0	1	EPA 8260C	01/31/2014 15:02	02/01/2014 05:39	BK
	<b>Surrogate Recoveries</b>	<b>Result</b>			<b>Acceptance Range</b>						
17060-07-0	Surrogate: 1,2-Dichloroethane-d4	102 %			78-122						
460-00-4	Surrogate: p-Bromofluorobenzene	104 %			87-112						
2037-26-5	Surrogate: Toluene-d8	99.1 %			91-110						



### Sample Information

**Client Sample ID:** MW-7A

**York Sample ID:** 14A0764-11

<u>York Project (SDG) No.</u>	<u>Client Project ID</u>	<u>Matrix</u>	<u>Collection Date/Time</u>	<u>Date Received</u>
14A0764	Deluxe	Water	January 23, 2014 9:00 am	01/27/2014

### Sample Information

**Client Sample ID:** MW-7D

**York Sample ID:** 14A0764-12

<u>York Project (SDG) No.</u>	<u>Client Project ID</u>	<u>Matrix</u>	<u>Collection Date/Time</u>	<u>Date Received</u>
14A0764	Deluxe	Water	January 23, 2014 9:30 am	01/27/2014

**Volatile Organics, 8260 List**

**Log-in Notes:**

**Sample Notes:**

Sample Prepared by Method: EPA 5030B

<u>CAS No.</u>	<u>Parameter</u>	<u>Result</u>	<u>Flag</u>	<u>Units</u>	<u>MDL</u>	<u>RL</u>	<u>Dilution</u>	<u>Reference Method</u>	<u>Date/Time Prepared</u>	<u>Date/Time Analyzed</u>	<u>Analyst</u>
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/L	2.5	5.0	1	EPA 8260C	01/31/2014 15:02	02/01/2014 06:19	BK
71-55-6	1,1,1-Trichloroethane	ND		ug/L	2.5	5.0	1	EPA 8260C	01/31/2014 15:02	02/01/2014 06:19	BK
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	2.5	5.0	1	EPA 8260C	01/31/2014 15:02	02/01/2014 06:19	BK
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/L	2.5	5.0	1	EPA 8260C	01/31/2014 15:02	02/01/2014 06:19	BK
79-00-5	1,1,2-Trichloroethane	ND		ug/L	2.5	5.0	1	EPA 8260C	01/31/2014 15:02	02/01/2014 06:19	BK
75-34-3	1,1-Dichloroethane	ND		ug/L	2.5	5.0	1	EPA 8260C	01/31/2014 15:02	02/01/2014 06:19	BK
75-35-4	1,1-Dichloroethylene	ND		ug/L	2.5	5.0	1	EPA 8260C	01/31/2014 15:02	02/01/2014 06:19	BK
563-58-6	1,1-Dichloropropylene	ND		ug/L	2.5	5.0	1	EPA 8260C	01/31/2014 15:02	02/01/2014 06:19	BK
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	2.5	5.0	1	EPA 8260C	01/31/2014 15:02	02/01/2014 06:19	BK
96-18-4	1,2,3-Trichloropropane	ND		ug/L	2.5	5.0	1	EPA 8260C	01/31/2014 15:02	02/01/2014 06:19	BK
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	2.5	5.0	1	EPA 8260C	01/31/2014 15:02	02/01/2014 06:19	BK
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	2.5	5.0	1	EPA 8260C	01/31/2014 15:02	02/01/2014 06:19	BK
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	2.5	5.0	1	EPA 8260C	01/31/2014 15:02	02/01/2014 06:19	BK
106-93-4	1,2-Dibromoethane	ND		ug/L	2.5	5.0	1	EPA 8260C	01/31/2014 15:02	02/01/2014 06:19	BK
95-50-1	1,2-Dichlorobenzene	ND		ug/L	2.5	5.0	1	EPA 8260C	01/31/2014 15:02	02/01/2014 06:19	BK
107-06-2	1,2-Dichloroethane	ND		ug/L	2.5	5.0	1	EPA 8260C	01/31/2014 15:02	02/01/2014 06:19	BK
78-87-5	1,2-Dichloropropane	ND		ug/L	2.5	5.0	1	EPA 8260C	01/31/2014 15:02	02/01/2014 06:19	BK
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	2.5	5.0	1	EPA 8260C	01/31/2014 15:02	02/01/2014 06:19	BK
541-73-1	1,3-Dichlorobenzene	ND		ug/L	2.5	5.0	1	EPA 8260C	01/31/2014 15:02	02/01/2014 06:19	BK
142-28-9	1,3-Dichloropropane	ND		ug/L	2.5	5.0	1	EPA 8260C	01/31/2014 15:02	02/01/2014 06:19	BK
106-46-7	1,4-Dichlorobenzene	ND		ug/L	2.5	5.0	1	EPA 8260C	01/31/2014 15:02	02/01/2014 06:19	BK
594-20-7	2,2-Dichloropropane	ND		ug/L	2.5	5.0	1	EPA 8260C	01/31/2014 15:02	02/01/2014 06:19	BK
78-93-3	2-Butanone	ND		ug/L	2.5	5.0	1	EPA 8260C	01/31/2014 15:02	02/01/2014 06:19	BK
95-49-8	2-Chlorotoluene	ND		ug/L	2.5	5.0	1	EPA 8260C	01/31/2014 15:02	02/01/2014 06:19	BK
106-43-4	4-Chlorotoluene	ND		ug/L	2.5	5.0	1	EPA 8260C	01/31/2014 15:02	02/01/2014 06:19	BK



### Sample Information

**Client Sample ID:** MW-7D

**York Sample ID:** 14A0764-12

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

14A0764

Deluxe

Water

January 23, 2014 9:30 am

01/27/2014

**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
67-64-1	Acetone	ND		ug/L	2.5	5.0	1	EPA 8260C	01/31/2014 15:02	02/01/2014 06:19	BK
71-43-2	Benzene	ND		ug/L	2.5	5.0	1	EPA 8260C	01/31/2014 15:02	02/01/2014 06:19	BK
108-86-1	Bromobenzene	ND		ug/L	2.5	5.0	1	EPA 8260C	01/31/2014 15:02	02/01/2014 06:19	BK
74-97-5	Bromochloromethane	ND		ug/L	2.5	5.0	1	EPA 8260C	01/31/2014 15:02	02/01/2014 06:19	BK
75-27-4	Bromodichloromethane	ND		ug/L	2.5	5.0	1	EPA 8260C	01/31/2014 15:02	02/01/2014 06:19	BK
75-25-2	Bromoform	ND		ug/L	2.5	5.0	1	EPA 8260C	01/31/2014 15:02	02/01/2014 06:19	BK
74-83-9	Bromomethane	ND		ug/L	2.5	5.0	1	EPA 8260C	01/31/2014 15:02	02/01/2014 06:19	BK
56-23-5	Carbon tetrachloride	ND		ug/L	2.5	5.0	1	EPA 8260C	01/31/2014 15:02	02/01/2014 06:19	BK
108-90-7	Chlorobenzene	ND		ug/L	2.5	5.0	1	EPA 8260C	01/31/2014 15:02	02/01/2014 06:19	BK
75-00-3	Chloroethane	ND		ug/L	2.5	5.0	1	EPA 8260C	01/31/2014 15:02	02/01/2014 06:19	BK
67-66-3	Chloroform	ND		ug/L	2.5	5.0	1	EPA 8260C	01/31/2014 15:02	02/01/2014 06:19	BK
74-87-3	Chloromethane	ND		ug/L	2.5	5.0	1	EPA 8260C	01/31/2014 15:02	02/01/2014 06:19	BK
156-59-2	cis-1,2-Dichloroethylene	ND		ug/L	2.5	5.0	1	EPA 8260C	01/31/2014 15:02	02/01/2014 06:19	BK
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	2.5	5.0	1	EPA 8260C	01/31/2014 15:02	02/01/2014 06:19	BK
124-48-1	Dibromochloromethane	ND		ug/L	2.5	5.0	1	EPA 8260C	01/31/2014 15:02	02/01/2014 06:19	BK
74-95-3	Dibromomethane	ND		ug/L	2.5	5.0	1	EPA 8260C	01/31/2014 15:02	02/01/2014 06:19	BK
75-71-8	Dichlorodifluoromethane	ND		ug/L	2.5	5.0	1	EPA 8260C	01/31/2014 15:02	02/01/2014 06:19	BK
100-41-4	Ethyl Benzene	ND		ug/L	2.5	5.0	1	EPA 8260C	01/31/2014 15:02	02/01/2014 06:19	BK
87-68-3	Hexachlorobutadiene	ND		ug/L	2.5	5.0	1	EPA 8260C	01/31/2014 15:02	02/01/2014 06:19	BK
98-82-8	Isopropylbenzene	ND		ug/L	2.5	5.0	1	EPA 8260C	01/31/2014 15:02	02/01/2014 06:19	BK
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	2.5	5.0	1	EPA 8260C	01/31/2014 15:02	02/01/2014 06:19	BK
75-09-2	Methylene chloride	ND		ug/L	2.5	5.0	1	EPA 8260C	01/31/2014 15:02	02/01/2014 06:19	BK
91-20-3	Naphthalene	ND		ug/L	2.5	5.0	1	EPA 8260C	01/31/2014 15:02	02/01/2014 06:19	BK
104-51-8	n-Butylbenzene	ND		ug/L	2.5	5.0	1	EPA 8260C	01/31/2014 15:02	02/01/2014 06:19	BK
103-65-1	n-Propylbenzene	ND		ug/L	2.5	5.0	1	EPA 8260C	01/31/2014 15:02	02/01/2014 06:19	BK
95-47-6	o-Xylene	ND		ug/L	2.5	5.0	1	EPA 8260C	01/31/2014 15:02	02/01/2014 06:19	BK
179601-23-1	p- & m- Xylenes	ND		ug/L	5.0	10	1	EPA 8260C	01/31/2014 15:02	02/01/2014 06:19	BK
99-87-6	p-Isopropyltoluene	ND		ug/L	2.5	5.0	1	EPA 8260C	01/31/2014 15:02	02/01/2014 06:19	BK
135-98-8	sec-Butylbenzene	ND		ug/L	2.5	5.0	1	EPA 8260C	01/31/2014 15:02	02/01/2014 06:19	BK
100-42-5	Styrene	ND		ug/L	2.5	5.0	1	EPA 8260C	01/31/2014 15:02	02/01/2014 06:19	BK
98-06-6	tert-Butylbenzene	ND		ug/L	2.5	5.0	1	EPA 8260C	01/31/2014 15:02	02/01/2014 06:19	BK



Sample Information

Client Sample ID: MW-7D

York Sample ID: 14A0764-12

Table with 5 columns: York Project (SDG) No., Client Project ID, Matrix, Collection Date/Time, Date Received. Values: 14A0764, Deluxe, Water, January 23, 2014 9:30 am, 01/27/2014

Volatile Organics, 8260 List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

Main data table for MW-7D with columns: CAS No., Parameter, Result, Flag, Units, MDL, RL, Dilution, Reference Method, Date/Time Prepared, Date/Time Analyzed, Analyst. Includes surrogate recoveries for 1,2-Dichloroethane-d4, p-Bromofluorobenzene, and Toluene-d8.

Sample Information

Client Sample ID: MW-1A

York Sample ID: 14A0764-13

Table with 5 columns: York Project (SDG) No., Client Project ID, Matrix, Collection Date/Time, Date Received. Values: 14A0764, Deluxe, Water, January 23, 2014 11:05 am, 01/27/2014

Volatile Organics, 8260 List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

Main data table for MW-1A with columns: CAS No., Parameter, Result, Flag, Units, MDL, RL, Dilution, Reference Method, Date/Time Prepared, Date/Time Analyzed, Analyst. All results are ND.



## Sample Information

**Client Sample ID:** MW-1A

**York Sample ID:** 14A0764-13

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

14A0764

Deluxe

Water

January 23, 2014 11:05 am

01/27/2014

**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
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	2.5	5.0	1	EPA 8260C	02/03/2014 08:48	02/03/2014 11:33	SS
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	2.5	5.0	1	EPA 8260C	02/03/2014 08:48	02/03/2014 11:33	SS
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	2.5	5.0	1	EPA 8260C	02/03/2014 08:48	02/03/2014 11:33	SS
106-93-4	1,2-Dibromoethane	ND		ug/L	2.5	5.0	1	EPA 8260C	02/03/2014 08:48	02/03/2014 11:33	SS
95-50-1	1,2-Dichlorobenzene	ND		ug/L	2.5	5.0	1	EPA 8260C	02/03/2014 08:48	02/03/2014 11:33	SS
107-06-2	1,2-Dichloroethane	ND		ug/L	2.5	5.0	1	EPA 8260C	02/03/2014 08:48	02/03/2014 11:33	SS
78-87-5	1,2-Dichloropropane	ND		ug/L	2.5	5.0	1	EPA 8260C	02/03/2014 08:48	02/03/2014 11:33	SS
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	2.5	5.0	1	EPA 8260C	02/03/2014 08:48	02/03/2014 11:33	SS
541-73-1	1,3-Dichlorobenzene	ND		ug/L	2.5	5.0	1	EPA 8260C	02/03/2014 08:48	02/03/2014 11:33	SS
142-28-9	1,3-Dichloropropane	ND		ug/L	2.5	5.0	1	EPA 8260C	02/03/2014 08:48	02/03/2014 11:33	SS
106-46-7	1,4-Dichlorobenzene	ND		ug/L	2.5	5.0	1	EPA 8260C	02/03/2014 08:48	02/03/2014 11:33	SS
594-20-7	2,2-Dichloropropane	ND		ug/L	2.5	5.0	1	EPA 8260C	02/03/2014 08:48	02/03/2014 11:33	SS
78-93-3	2-Butanone	ND		ug/L	2.5	5.0	1	EPA 8260C	02/03/2014 08:48	02/03/2014 11:33	SS
95-49-8	2-Chlorotoluene	ND		ug/L	2.5	5.0	1	EPA 8260C	02/03/2014 08:48	02/03/2014 11:33	SS
106-43-4	4-Chlorotoluene	ND		ug/L	2.5	5.0	1	EPA 8260C	02/03/2014 08:48	02/03/2014 11:33	SS
67-64-1	Acetone	5.0	CCV-E, J, B	ug/L	2.5	5.0	1	EPA 8260C	02/03/2014 08:48	02/03/2014 11:33	SS
71-43-2	Benzene	ND		ug/L	2.5	5.0	1	EPA 8260C	02/03/2014 08:48	02/03/2014 11:33	SS
108-86-1	Bromobenzene	ND		ug/L	2.5	5.0	1	EPA 8260C	02/03/2014 08:48	02/03/2014 11:33	SS
74-97-5	Bromochloromethane	ND		ug/L	2.5	5.0	1	EPA 8260C	02/03/2014 08:48	02/03/2014 11:33	SS
75-27-4	Bromodichloromethane	ND		ug/L	2.5	5.0	1	EPA 8260C	02/03/2014 08:48	02/03/2014 11:33	SS
75-25-2	Bromoform	ND		ug/L	2.5	5.0	1	EPA 8260C	02/03/2014 08:48	02/03/2014 11:33	SS
74-83-9	Bromomethane	ND		ug/L	2.5	5.0	1	EPA 8260C	02/03/2014 08:48	02/03/2014 11:33	SS
56-23-5	Carbon tetrachloride	ND		ug/L	2.5	5.0	1	EPA 8260C	02/03/2014 08:48	02/03/2014 11:33	SS
108-90-7	Chlorobenzene	ND		ug/L	2.5	5.0	1	EPA 8260C	02/03/2014 08:48	02/03/2014 11:33	SS
75-00-3	Chloroethane	ND		ug/L	2.5	5.0	1	EPA 8260C	02/03/2014 08:48	02/03/2014 11:33	SS
67-66-3	Chloroform	ND		ug/L	2.5	5.0	1	EPA 8260C	02/03/2014 08:48	02/03/2014 11:33	SS
74-87-3	Chloromethane	ND		ug/L	2.5	5.0	1	EPA 8260C	02/03/2014 08:48	02/03/2014 11:33	SS
156-59-2	cis-1,2-Dichloroethylene	25		ug/L	2.5	5.0	1	EPA 8260C	02/03/2014 08:48	02/03/2014 11:33	SS
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	2.5	5.0	1	EPA 8260C	02/03/2014 08:48	02/03/2014 11:33	SS
124-48-1	Dibromochloromethane	ND		ug/L	2.5	5.0	1	EPA 8260C	02/03/2014 08:48	02/03/2014 11:33	SS
74-95-3	Dibromomethane	ND		ug/L	2.5	5.0	1	EPA 8260C	02/03/2014 08:48	02/03/2014 11:33	SS



### Sample Information

**Client Sample ID:** MW-1A

**York Sample ID:** 14A0764-13

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

14A0764

Deluxe

Water

January 23, 2014 11:05 am

01/27/2014

**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
75-71-8	Dichlorodifluoromethane	ND		ug/L	2.5	5.0	1	EPA 8260C	02/03/2014 08:48	02/03/2014 11:33	SS
100-41-4	Ethyl Benzene	ND		ug/L	2.5	5.0	1	EPA 8260C	02/03/2014 08:48	02/03/2014 11:33	SS
87-68-3	Hexachlorobutadiene	ND		ug/L	2.5	5.0	1	EPA 8260C	02/03/2014 08:48	02/03/2014 11:33	SS
98-82-8	Isopropylbenzene	ND		ug/L	2.5	5.0	1	EPA 8260C	02/03/2014 08:48	02/03/2014 11:33	SS
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	2.5	5.0	1	EPA 8260C	02/03/2014 08:48	02/03/2014 11:33	SS
75-09-2	Methylene chloride	ND		ug/L	2.5	5.0	1	EPA 8260C	02/03/2014 08:48	02/03/2014 11:33	SS
91-20-3	Naphthalene	ND		ug/L	2.5	5.0	1	EPA 8260C	02/03/2014 08:48	02/03/2014 11:33	SS
104-51-8	n-Butylbenzene	ND		ug/L	2.5	5.0	1	EPA 8260C	02/03/2014 08:48	02/03/2014 11:33	SS
103-65-1	n-Propylbenzene	ND		ug/L	2.5	5.0	1	EPA 8260C	02/03/2014 08:48	02/03/2014 11:33	SS
95-47-6	o-Xylene	ND		ug/L	2.5	5.0	1	EPA 8260C	02/03/2014 08:48	02/03/2014 11:33	SS
179601-23-1	p- & m- Xylenes	ND		ug/L	5.0	10	1	EPA 8260C	02/03/2014 08:48	02/03/2014 11:33	SS
99-87-6	p-Isopropyltoluene	ND		ug/L	2.5	5.0	1	EPA 8260C	02/03/2014 08:48	02/03/2014 11:33	SS
135-98-8	sec-Butylbenzene	ND		ug/L	2.5	5.0	1	EPA 8260C	02/03/2014 08:48	02/03/2014 11:33	SS
100-42-5	Styrene	ND		ug/L	2.5	5.0	1	EPA 8260C	02/03/2014 08:48	02/03/2014 11:33	SS
98-06-6	tert-Butylbenzene	ND		ug/L	2.5	5.0	1	EPA 8260C	02/03/2014 08:48	02/03/2014 11:33	SS
127-18-4	Tetrachloroethylene	<b>160</b>		ug/L	2.5	5.0	1	EPA 8260C	02/03/2014 08:48	02/03/2014 11:33	SS
108-88-3	Toluene	ND		ug/L	2.5	5.0	1	EPA 8260C	02/03/2014 08:48	02/03/2014 11:33	SS
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	2.5	5.0	1	EPA 8260C	02/03/2014 08:48	02/03/2014 11:33	SS
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	2.5	5.0	1	EPA 8260C	02/03/2014 08:48	02/03/2014 11:33	SS
79-01-6	Trichloroethylene	<b>140</b>		ug/L	2.5	5.0	1	EPA 8260C	02/03/2014 08:48	02/03/2014 11:33	SS
75-69-4	Trichlorofluoromethane	ND		ug/L	2.5	5.0	1	EPA 8260C	02/03/2014 08:48	02/03/2014 11:33	SS
75-01-4	Vinyl Chloride	ND		ug/L	2.5	5.0	1	EPA 8260C	02/03/2014 08:48	02/03/2014 11:33	SS
1330-20-7	Xylenes, Total	ND		ug/L	7.5	15	1	EPA 8260C	02/03/2014 08:48	02/03/2014 11:33	SS
108-05-4	Vinyl acetate	ND		ug/L	2.5	5.0	1	EPA 8260C	02/03/2014 08:48	02/03/2014 11:33	SS
	<b>Surrogate Recoveries</b>	<b>Result</b>			<b>Acceptance Range</b>						
17060-07-0	Surrogate: 1,2-Dichloroethane-d4	112 %			78-122						
460-00-4	Surrogate: p-Bromofluorobenzene	96.3 %			87-112						
2037-26-5	Surrogate: Toluene-d8	98.4 %			91-110						





### Sample Information

**Client Sample ID:** MW-1B

**York Sample ID:** 14A0764-14

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

14A0764

Deluxe

Water

January 23, 2014 11:45 am

01/27/2014

**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	2.5	5.0	1	EPA 8260C	02/03/2014 08:48	02/03/2014 12:08	SS
71-55-6	1,1,1-Trichloroethane	ND		ug/L	2.5	5.0	1	EPA 8260C	02/03/2014 08:48	02/03/2014 12:08	SS
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	2.5	5.0	1	EPA 8260C	02/03/2014 08:48	02/03/2014 12:08	SS
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/L	2.5	5.0	1	EPA 8260C	02/03/2014 08:48	02/03/2014 12:08	SS
79-00-5	1,1,2-Trichloroethane	ND		ug/L	2.5	5.0	1	EPA 8260C	02/03/2014 08:48	02/03/2014 12:08	SS
75-34-3	1,1-Dichloroethane	ND		ug/L	2.5	5.0	1	EPA 8260C	02/03/2014 08:48	02/03/2014 12:08	SS
75-35-4	1,1-Dichloroethylene	ND		ug/L	2.5	5.0	1	EPA 8260C	02/03/2014 08:48	02/03/2014 12:08	SS
563-58-6	1,1-Dichloropropylene	ND		ug/L	2.5	5.0	1	EPA 8260C	02/03/2014 08:48	02/03/2014 12:08	SS
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	2.5	5.0	1	EPA 8260C	02/03/2014 08:48	02/03/2014 12:08	SS
96-18-4	1,2,3-Trichloropropane	ND		ug/L	2.5	5.0	1	EPA 8260C	02/03/2014 08:48	02/03/2014 12:08	SS
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	2.5	5.0	1	EPA 8260C	02/03/2014 08:48	02/03/2014 12:08	SS
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	2.5	5.0	1	EPA 8260C	02/03/2014 08:48	02/03/2014 12:08	SS
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	2.5	5.0	1	EPA 8260C	02/03/2014 08:48	02/03/2014 12:08	SS
106-93-4	1,2-Dibromoethane	ND		ug/L	2.5	5.0	1	EPA 8260C	02/03/2014 08:48	02/03/2014 12:08	SS
95-50-1	1,2-Dichlorobenzene	ND		ug/L	2.5	5.0	1	EPA 8260C	02/03/2014 08:48	02/03/2014 12:08	SS
107-06-2	1,2-Dichloroethane	ND		ug/L	2.5	5.0	1	EPA 8260C	02/03/2014 08:48	02/03/2014 12:08	SS
78-87-5	1,2-Dichloropropane	ND		ug/L	2.5	5.0	1	EPA 8260C	02/03/2014 08:48	02/03/2014 12:08	SS
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	2.5	5.0	1	EPA 8260C	02/03/2014 08:48	02/03/2014 12:08	SS
541-73-1	1,3-Dichlorobenzene	ND		ug/L	2.5	5.0	1	EPA 8260C	02/03/2014 08:48	02/03/2014 12:08	SS
142-28-9	1,3-Dichloropropane	ND		ug/L	2.5	5.0	1	EPA 8260C	02/03/2014 08:48	02/03/2014 12:08	SS
106-46-7	1,4-Dichlorobenzene	ND		ug/L	2.5	5.0	1	EPA 8260C	02/03/2014 08:48	02/03/2014 12:08	SS
594-20-7	2,2-Dichloropropane	ND		ug/L	2.5	5.0	1	EPA 8260C	02/03/2014 08:48	02/03/2014 12:08	SS
78-93-3	2-Butanone	ND		ug/L	2.5	5.0	1	EPA 8260C	02/03/2014 08:48	02/03/2014 12:08	SS
95-49-8	2-Chlorotoluene	ND		ug/L	2.5	5.0	1	EPA 8260C	02/03/2014 08:48	02/03/2014 12:08	SS
106-43-4	4-Chlorotoluene	ND		ug/L	2.5	5.0	1	EPA 8260C	02/03/2014 08:48	02/03/2014 12:08	SS
67-64-1	Acetone	ND		ug/L	2.5	5.0	1	EPA 8260C	02/03/2014 08:48	02/03/2014 12:08	SS
71-43-2	Benzene	ND		ug/L	2.5	5.0	1	EPA 8260C	02/03/2014 08:48	02/03/2014 12:08	SS
108-86-1	Bromobenzene	ND		ug/L	2.5	5.0	1	EPA 8260C	02/03/2014 08:48	02/03/2014 12:08	SS
74-97-5	Bromochloromethane	ND		ug/L	2.5	5.0	1	EPA 8260C	02/03/2014 08:48	02/03/2014 12:08	SS
75-27-4	Bromodichloromethane	ND		ug/L	2.5	5.0	1	EPA 8260C	02/03/2014 08:48	02/03/2014 12:08	SS
75-25-2	Bromoform	ND		ug/L	2.5	5.0	1	EPA 8260C	02/03/2014 08:48	02/03/2014 12:08	SS



### Sample Information

**Client Sample ID:** MW-1B

**York Sample ID:** 14A0764-14

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

14A0764

Deluxe

Water

January 23, 2014 11:45 am

01/27/2014

**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
74-83-9	Bromomethane	ND		ug/L	2.5	5.0	1	EPA 8260C	02/03/2014 08:48	02/03/2014 12:08	SS
56-23-5	Carbon tetrachloride	ND		ug/L	2.5	5.0	1	EPA 8260C	02/03/2014 08:48	02/03/2014 12:08	SS
108-90-7	Chlorobenzene	ND		ug/L	2.5	5.0	1	EPA 8260C	02/03/2014 08:48	02/03/2014 12:08	SS
75-00-3	Chloroethane	ND		ug/L	2.5	5.0	1	EPA 8260C	02/03/2014 08:48	02/03/2014 12:08	SS
67-66-3	Chloroform	ND		ug/L	2.5	5.0	1	EPA 8260C	02/03/2014 08:48	02/03/2014 12:08	SS
74-87-3	Chloromethane	ND		ug/L	2.5	5.0	1	EPA 8260C	02/03/2014 08:48	02/03/2014 12:08	SS
156-59-2	cis-1,2-Dichloroethylene	3.0	J	ug/L	2.5	5.0	1	EPA 8260C	02/03/2014 08:48	02/03/2014 12:08	SS
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	2.5	5.0	1	EPA 8260C	02/03/2014 08:48	02/03/2014 12:08	SS
124-48-1	Dibromochloromethane	ND		ug/L	2.5	5.0	1	EPA 8260C	02/03/2014 08:48	02/03/2014 12:08	SS
74-95-3	Dibromomethane	ND		ug/L	2.5	5.0	1	EPA 8260C	02/03/2014 08:48	02/03/2014 12:08	SS
75-71-8	Dichlorodifluoromethane	ND		ug/L	2.5	5.0	1	EPA 8260C	02/03/2014 08:48	02/03/2014 12:08	SS
100-41-4	Ethyl Benzene	ND		ug/L	2.5	5.0	1	EPA 8260C	02/03/2014 08:48	02/03/2014 12:08	SS
87-68-3	Hexachlorobutadiene	ND		ug/L	2.5	5.0	1	EPA 8260C	02/03/2014 08:48	02/03/2014 12:08	SS
98-82-8	Isopropylbenzene	ND		ug/L	2.5	5.0	1	EPA 8260C	02/03/2014 08:48	02/03/2014 12:08	SS
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	2.5	5.0	1	EPA 8260C	02/03/2014 08:48	02/03/2014 12:08	SS
75-09-2	Methylene chloride	ND		ug/L	2.5	5.0	1	EPA 8260C	02/03/2014 08:48	02/03/2014 12:08	SS
91-20-3	Naphthalene	ND		ug/L	2.5	5.0	1	EPA 8260C	02/03/2014 08:48	02/03/2014 12:08	SS
104-51-8	n-Butylbenzene	ND		ug/L	2.5	5.0	1	EPA 8260C	02/03/2014 08:48	02/03/2014 12:08	SS
103-65-1	n-Propylbenzene	ND		ug/L	2.5	5.0	1	EPA 8260C	02/03/2014 08:48	02/03/2014 12:08	SS
95-47-6	o-Xylene	ND		ug/L	2.5	5.0	1	EPA 8260C	02/03/2014 08:48	02/03/2014 12:08	SS
179601-23-1	p- & m- Xylenes	ND		ug/L	5.0	10	1	EPA 8260C	02/03/2014 08:48	02/03/2014 12:08	SS
99-87-6	p-Isopropyltoluene	ND		ug/L	2.5	5.0	1	EPA 8260C	02/03/2014 08:48	02/03/2014 12:08	SS
135-98-8	sec-Butylbenzene	ND		ug/L	2.5	5.0	1	EPA 8260C	02/03/2014 08:48	02/03/2014 12:08	SS
100-42-5	Styrene	ND		ug/L	2.5	5.0	1	EPA 8260C	02/03/2014 08:48	02/03/2014 12:08	SS
98-06-6	tert-Butylbenzene	ND		ug/L	2.5	5.0	1	EPA 8260C	02/03/2014 08:48	02/03/2014 12:08	SS
127-18-4	Tetrachloroethylene	25		ug/L	2.5	5.0	1	EPA 8260C	02/03/2014 08:48	02/03/2014 12:08	SS
108-88-3	Toluene	ND		ug/L	2.5	5.0	1	EPA 8260C	02/03/2014 08:48	02/03/2014 12:08	SS
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	2.5	5.0	1	EPA 8260C	02/03/2014 08:48	02/03/2014 12:08	SS
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	2.5	5.0	1	EPA 8260C	02/03/2014 08:48	02/03/2014 12:08	SS
79-01-6	Trichloroethylene	8.1		ug/L	2.5	5.0	1	EPA 8260C	02/03/2014 08:48	02/03/2014 12:08	SS
75-69-4	Trichlorofluoromethane	ND		ug/L	2.5	5.0	1	EPA 8260C	02/03/2014 08:48	02/03/2014 12:08	SS
75-01-4	Vinyl Chloride	ND		ug/L	2.5	5.0	1	EPA 8260C	02/03/2014 08:48	02/03/2014 12:08	SS



### Sample Information

**Client Sample ID:** MW-1B

**York Sample ID:** 14A0764-14

<u>York Project (SDG) No.</u> 14A0764	<u>Client Project ID</u> Deluxe	<u>Matrix</u> Water	<u>Collection Date/Time</u> January 23, 2014 11:45 am	<u>Date Received</u> 01/27/2014
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#### 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
1330-20-7	Xylenes, Total	ND		ug/L	7.5	15	1	EPA 8260C	02/03/2014 08:48	02/03/2014 12:08	SS
108-05-4	Vinyl acetate	ND		ug/L	2.5	5.0	1	EPA 8260C	02/03/2014 08:48	02/03/2014 12:08	SS
<b>Surrogate Recoveries</b>		<b>Result</b>			<b>Acceptance Range</b>						
17060-07-0	Surrogate: 1,2-Dichloroethane-d4	110 %			78-122						
460-00-4	Surrogate: p-Bromofluorobenzene	96.6 %			87-112						
2037-26-5	Surrogate: Toluene-d8	97.3 %			91-110						

### Sample Information

**Client Sample ID:** MW-1C

**York Sample ID:** 14A0764-15

<u>York Project (SDG) No.</u> 14A0764	<u>Client Project ID</u> Deluxe	<u>Matrix</u> Water	<u>Collection Date/Time</u> January 23, 2014 12:45 pm	<u>Date Received</u> 01/27/2014
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#### 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	2.5	5.0	1	EPA 8260C	02/03/2014 08:48	02/03/2014 12:43	SS
71-55-6	1,1,1-Trichloroethane	ND		ug/L	2.5	5.0	1	EPA 8260C	02/03/2014 08:48	02/03/2014 12:43	SS
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	2.5	5.0	1	EPA 8260C	02/03/2014 08:48	02/03/2014 12:43	SS
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/L	2.5	5.0	1	EPA 8260C	02/03/2014 08:48	02/03/2014 12:43	SS
79-00-5	1,1,2-Trichloroethane	ND		ug/L	2.5	5.0	1	EPA 8260C	02/03/2014 08:48	02/03/2014 12:43	SS
75-34-3	1,1-Dichloroethane	ND		ug/L	2.5	5.0	1	EPA 8260C	02/03/2014 08:48	02/03/2014 12:43	SS
75-35-4	1,1-Dichloroethylene	ND		ug/L	2.5	5.0	1	EPA 8260C	02/03/2014 08:48	02/03/2014 12:43	SS
563-58-6	1,1-Dichloropropylene	ND		ug/L	2.5	5.0	1	EPA 8260C	02/03/2014 08:48	02/03/2014 12:43	SS
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	2.5	5.0	1	EPA 8260C	02/03/2014 08:48	02/03/2014 12:43	SS
96-18-4	1,2,3-Trichloropropane	ND		ug/L	2.5	5.0	1	EPA 8260C	02/03/2014 08:48	02/03/2014 12:43	SS
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	2.5	5.0	1	EPA 8260C	02/03/2014 08:48	02/03/2014 12:43	SS
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	2.5	5.0	1	EPA 8260C	02/03/2014 08:48	02/03/2014 12:43	SS
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	2.5	5.0	1	EPA 8260C	02/03/2014 08:48	02/03/2014 12:43	SS
106-93-4	1,2-Dibromoethane	ND		ug/L	2.5	5.0	1	EPA 8260C	02/03/2014 08:48	02/03/2014 12:43	SS
95-50-1	1,2-Dichlorobenzene	ND		ug/L	2.5	5.0	1	EPA 8260C	02/03/2014 08:48	02/03/2014 12:43	SS
107-06-2	1,2-Dichloroethane	ND		ug/L	2.5	5.0	1	EPA 8260C	02/03/2014 08:48	02/03/2014 12:43	SS
78-87-5	1,2-Dichloropropane	ND		ug/L	2.5	5.0	1	EPA 8260C	02/03/2014 08:48	02/03/2014 12:43	SS



### Sample Information

**Client Sample ID:** MW-1C

**York Sample ID:** 14A0764-15

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

14A0764

Deluxe

Water

January 23, 2014 12:45 pm

01/27/2014

**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
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	2.5	5.0	1	EPA 8260C	02/03/2014 08:48	02/03/2014 12:43	SS
541-73-1	1,3-Dichlorobenzene	ND		ug/L	2.5	5.0	1	EPA 8260C	02/03/2014 08:48	02/03/2014 12:43	SS
142-28-9	1,3-Dichloropropane	ND		ug/L	2.5	5.0	1	EPA 8260C	02/03/2014 08:48	02/03/2014 12:43	SS
106-46-7	1,4-Dichlorobenzene	ND		ug/L	2.5	5.0	1	EPA 8260C	02/03/2014 08:48	02/03/2014 12:43	SS
594-20-7	2,2-Dichloropropane	ND		ug/L	2.5	5.0	1	EPA 8260C	02/03/2014 08:48	02/03/2014 12:43	SS
78-93-3	2-Butanone	ND		ug/L	2.5	5.0	1	EPA 8260C	02/03/2014 08:48	02/03/2014 12:43	SS
95-49-8	2-Chlorotoluene	ND		ug/L	2.5	5.0	1	EPA 8260C	02/03/2014 08:48	02/03/2014 12:43	SS
106-43-4	4-Chlorotoluene	ND		ug/L	2.5	5.0	1	EPA 8260C	02/03/2014 08:48	02/03/2014 12:43	SS
67-64-1	Acetone	ND		ug/L	2.5	5.0	1	EPA 8260C	02/03/2014 08:48	02/03/2014 12:43	SS
71-43-2	Benzene	ND		ug/L	2.5	5.0	1	EPA 8260C	02/03/2014 08:48	02/03/2014 12:43	SS
108-86-1	Bromobenzene	ND		ug/L	2.5	5.0	1	EPA 8260C	02/03/2014 08:48	02/03/2014 12:43	SS
74-97-5	Bromochloromethane	ND		ug/L	2.5	5.0	1	EPA 8260C	02/03/2014 08:48	02/03/2014 12:43	SS
75-27-4	Bromodichloromethane	ND		ug/L	2.5	5.0	1	EPA 8260C	02/03/2014 08:48	02/03/2014 12:43	SS
75-25-2	Bromoform	ND		ug/L	2.5	5.0	1	EPA 8260C	02/03/2014 08:48	02/03/2014 12:43	SS
74-83-9	Bromomethane	ND		ug/L	2.5	5.0	1	EPA 8260C	02/03/2014 08:48	02/03/2014 12:43	SS
56-23-5	Carbon tetrachloride	ND		ug/L	2.5	5.0	1	EPA 8260C	02/03/2014 08:48	02/03/2014 12:43	SS
108-90-7	Chlorobenzene	ND		ug/L	2.5	5.0	1	EPA 8260C	02/03/2014 08:48	02/03/2014 12:43	SS
75-00-3	Chloroethane	ND		ug/L	2.5	5.0	1	EPA 8260C	02/03/2014 08:48	02/03/2014 12:43	SS
67-66-3	Chloroform	ND		ug/L	2.5	5.0	1	EPA 8260C	02/03/2014 08:48	02/03/2014 12:43	SS
74-87-3	Chloromethane	ND		ug/L	2.5	5.0	1	EPA 8260C	02/03/2014 08:48	02/03/2014 12:43	SS
156-59-2	cis-1,2-Dichloroethylene	ND		ug/L	2.5	5.0	1	EPA 8260C	02/03/2014 08:48	02/03/2014 12:43	SS
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	2.5	5.0	1	EPA 8260C	02/03/2014 08:48	02/03/2014 12:43	SS
124-48-1	Dibromochloromethane	ND		ug/L	2.5	5.0	1	EPA 8260C	02/03/2014 08:48	02/03/2014 12:43	SS
74-95-3	Dibromomethane	ND		ug/L	2.5	5.0	1	EPA 8260C	02/03/2014 08:48	02/03/2014 12:43	SS
75-71-8	Dichlorodifluoromethane	ND		ug/L	2.5	5.0	1	EPA 8260C	02/03/2014 08:48	02/03/2014 12:43	SS
100-41-4	Ethyl Benzene	ND		ug/L	2.5	5.0	1	EPA 8260C	02/03/2014 08:48	02/03/2014 12:43	SS
87-68-3	Hexachlorobutadiene	ND		ug/L	2.5	5.0	1	EPA 8260C	02/03/2014 08:48	02/03/2014 12:43	SS
98-82-8	Isopropylbenzene	ND		ug/L	2.5	5.0	1	EPA 8260C	02/03/2014 08:48	02/03/2014 12:43	SS
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	2.5	5.0	1	EPA 8260C	02/03/2014 08:48	02/03/2014 12:43	SS
75-09-2	Methylene chloride	ND		ug/L	2.5	5.0	1	EPA 8260C	02/03/2014 08:48	02/03/2014 12:43	SS
91-20-3	Naphthalene	ND		ug/L	2.5	5.0	1	EPA 8260C	02/03/2014 08:48	02/03/2014 12:43	SS



### Sample Information

**Client Sample ID:** MW-1C

**York Sample ID:** 14A0764-15

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

14A0764

Deluxe

Water

January 23, 2014 12:45 pm

01/27/2014

### 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
104-51-8	n-Butylbenzene	ND		ug/L	2.5	5.0	1	EPA 8260C	02/03/2014 08:48	02/03/2014 12:43	SS
103-65-1	n-Propylbenzene	ND		ug/L	2.5	5.0	1	EPA 8260C	02/03/2014 08:48	02/03/2014 12:43	SS
95-47-6	o-Xylene	ND		ug/L	2.5	5.0	1	EPA 8260C	02/03/2014 08:48	02/03/2014 12:43	SS
179601-23-1	p- & m- Xylenes	ND		ug/L	5.0	10	1	EPA 8260C	02/03/2014 08:48	02/03/2014 12:43	SS
99-87-6	p-Isopropyltoluene	ND		ug/L	2.5	5.0	1	EPA 8260C	02/03/2014 08:48	02/03/2014 12:43	SS
135-98-8	sec-Butylbenzene	ND		ug/L	2.5	5.0	1	EPA 8260C	02/03/2014 08:48	02/03/2014 12:43	SS
100-42-5	Styrene	ND		ug/L	2.5	5.0	1	EPA 8260C	02/03/2014 08:48	02/03/2014 12:43	SS
98-06-6	tert-Butylbenzene	ND		ug/L	2.5	5.0	1	EPA 8260C	02/03/2014 08:48	02/03/2014 12:43	SS
127-18-4	Tetrachloroethylene	ND		ug/L	2.5	5.0	1	EPA 8260C	02/03/2014 08:48	02/03/2014 12:43	SS
108-88-3	Toluene	ND		ug/L	2.5	5.0	1	EPA 8260C	02/03/2014 08:48	02/03/2014 12:43	SS
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	2.5	5.0	1	EPA 8260C	02/03/2014 08:48	02/03/2014 12:43	SS
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	2.5	5.0	1	EPA 8260C	02/03/2014 08:48	02/03/2014 12:43	SS
79-01-6	Trichloroethylene	ND		ug/L	2.5	5.0	1	EPA 8260C	02/03/2014 08:48	02/03/2014 12:43	SS
75-69-4	Trichlorofluoromethane	ND		ug/L	2.5	5.0	1	EPA 8260C	02/03/2014 08:48	02/03/2014 12:43	SS
75-01-4	Vinyl Chloride	ND		ug/L	2.5	5.0	1	EPA 8260C	02/03/2014 08:48	02/03/2014 12:43	SS
1330-20-7	Xylenes, Total	ND		ug/L	7.5	15	1	EPA 8260C	02/03/2014 08:48	02/03/2014 12:43	SS
108-05-4	Vinyl acetate	ND		ug/L	2.5	5.0	1	EPA 8260C	02/03/2014 08:48	02/03/2014 12:43	SS
	<b>Surrogate Recoveries</b>	<b>Result</b>			<b>Acceptance Range</b>						
17060-07-0	Surrogate: 1,2-Dichloroethane-d4	107 %			78-122						
460-00-4	Surrogate: p-Bromofluorobenzene	96.1 %			87-112						
2037-26-5	Surrogate: Toluene-d8	98.1 %			91-110						

### Sample Information

**Client Sample ID:** MW-1D

**York Sample ID:** 14A0764-16

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

14A0764

Deluxe

Water

January 23, 2014 1:30 pm

01/27/2014

### 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	2.5	5.0	1	EPA 8260C	02/03/2014 08:48	02/03/2014 13:18	SS
71-55-6	1,1,1-Trichloroethane	ND		ug/L	2.5	5.0	1	EPA 8260C	02/03/2014 08:48	02/03/2014 13:18	SS



## Sample Information

**Client Sample ID:** MW-1D

**York Sample ID:** 14A0764-16

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

14A0764

Deluxe

Water

January 23, 2014 1:30 pm

01/27/2014

**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
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	2.5	5.0	1	EPA 8260C	02/03/2014 08:48	02/03/2014 13:18	SS
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/L	2.5	5.0	1	EPA 8260C	02/03/2014 08:48	02/03/2014 13:18	SS
79-00-5	1,1,2-Trichloroethane	ND		ug/L	2.5	5.0	1	EPA 8260C	02/03/2014 08:48	02/03/2014 13:18	SS
75-34-3	1,1-Dichloroethane	ND		ug/L	2.5	5.0	1	EPA 8260C	02/03/2014 08:48	02/03/2014 13:18	SS
75-35-4	1,1-Dichloroethylene	ND		ug/L	2.5	5.0	1	EPA 8260C	02/03/2014 08:48	02/03/2014 13:18	SS
563-58-6	1,1-Dichloropropylene	ND		ug/L	2.5	5.0	1	EPA 8260C	02/03/2014 08:48	02/03/2014 13:18	SS
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	2.5	5.0	1	EPA 8260C	02/03/2014 08:48	02/03/2014 13:18	SS
96-18-4	1,2,3-Trichloropropane	ND		ug/L	2.5	5.0	1	EPA 8260C	02/03/2014 08:48	02/03/2014 13:18	SS
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	2.5	5.0	1	EPA 8260C	02/03/2014 08:48	02/03/2014 13:18	SS
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	2.5	5.0	1	EPA 8260C	02/03/2014 08:48	02/03/2014 13:18	SS
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	2.5	5.0	1	EPA 8260C	02/03/2014 08:48	02/03/2014 13:18	SS
106-93-4	1,2-Dibromoethane	ND		ug/L	2.5	5.0	1	EPA 8260C	02/03/2014 08:48	02/03/2014 13:18	SS
95-50-1	1,2-Dichlorobenzene	ND		ug/L	2.5	5.0	1	EPA 8260C	02/03/2014 08:48	02/03/2014 13:18	SS
107-06-2	1,2-Dichloroethane	ND		ug/L	2.5	5.0	1	EPA 8260C	02/03/2014 08:48	02/03/2014 13:18	SS
78-87-5	1,2-Dichloropropane	ND		ug/L	2.5	5.0	1	EPA 8260C	02/03/2014 08:48	02/03/2014 13:18	SS
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	2.5	5.0	1	EPA 8260C	02/03/2014 08:48	02/03/2014 13:18	SS
541-73-1	1,3-Dichlorobenzene	ND		ug/L	2.5	5.0	1	EPA 8260C	02/03/2014 08:48	02/03/2014 13:18	SS
142-28-9	1,3-Dichloropropane	ND		ug/L	2.5	5.0	1	EPA 8260C	02/03/2014 08:48	02/03/2014 13:18	SS
106-46-7	1,4-Dichlorobenzene	ND		ug/L	2.5	5.0	1	EPA 8260C	02/03/2014 08:48	02/03/2014 13:18	SS
594-20-7	2,2-Dichloropropane	ND		ug/L	2.5	5.0	1	EPA 8260C	02/03/2014 08:48	02/03/2014 13:18	SS
78-93-3	2-Butanone	ND		ug/L	2.5	5.0	1	EPA 8260C	02/03/2014 08:48	02/03/2014 13:18	SS
95-49-8	2-Chlorotoluene	ND		ug/L	2.5	5.0	1	EPA 8260C	02/03/2014 08:48	02/03/2014 13:18	SS
106-43-4	4-Chlorotoluene	ND		ug/L	2.5	5.0	1	EPA 8260C	02/03/2014 08:48	02/03/2014 13:18	SS
67-64-1	Acetone	7.8	CCV-E, B	ug/L	2.5	5.0	1	EPA 8260C	02/03/2014 08:48	02/03/2014 13:18	SS
71-43-2	Benzene	ND		ug/L	2.5	5.0	1	EPA 8260C	02/03/2014 08:48	02/03/2014 13:18	SS
108-86-1	Bromobenzene	ND		ug/L	2.5	5.0	1	EPA 8260C	02/03/2014 08:48	02/03/2014 13:18	SS
74-97-5	Bromochloromethane	ND		ug/L	2.5	5.0	1	EPA 8260C	02/03/2014 08:48	02/03/2014 13:18	SS
75-27-4	Bromodichloromethane	ND		ug/L	2.5	5.0	1	EPA 8260C	02/03/2014 08:48	02/03/2014 13:18	SS
75-25-2	Bromoform	ND		ug/L	2.5	5.0	1	EPA 8260C	02/03/2014 08:48	02/03/2014 13:18	SS
74-83-9	Bromomethane	ND		ug/L	2.5	5.0	1	EPA 8260C	02/03/2014 08:48	02/03/2014 13:18	SS
56-23-5	Carbon tetrachloride	ND		ug/L	2.5	5.0	1	EPA 8260C	02/03/2014 08:48	02/03/2014 13:18	SS



### Sample Information

**Client Sample ID:** MW-1D

**York Sample ID:** 14A0764-16

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

14A0764

Deluxe

Water

January 23, 2014 1:30 pm

01/27/2014

**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
108-90-7	Chlorobenzene	ND		ug/L	2.5	5.0	1	EPA 8260C	02/03/2014 08:48	02/03/2014 13:18	SS
75-00-3	Chloroethane	ND		ug/L	2.5	5.0	1	EPA 8260C	02/03/2014 08:48	02/03/2014 13:18	SS
67-66-3	Chloroform	ND		ug/L	2.5	5.0	1	EPA 8260C	02/03/2014 08:48	02/03/2014 13:18	SS
74-87-3	Chloromethane	ND		ug/L	2.5	5.0	1	EPA 8260C	02/03/2014 08:48	02/03/2014 13:18	SS
156-59-2	cis-1,2-Dichloroethylene	ND		ug/L	2.5	5.0	1	EPA 8260C	02/03/2014 08:48	02/03/2014 13:18	SS
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	2.5	5.0	1	EPA 8260C	02/03/2014 08:48	02/03/2014 13:18	SS
124-48-1	Dibromochloromethane	ND		ug/L	2.5	5.0	1	EPA 8260C	02/03/2014 08:48	02/03/2014 13:18	SS
74-95-3	Dibromomethane	ND		ug/L	2.5	5.0	1	EPA 8260C	02/03/2014 08:48	02/03/2014 13:18	SS
75-71-8	Dichlorodifluoromethane	ND		ug/L	2.5	5.0	1	EPA 8260C	02/03/2014 08:48	02/03/2014 13:18	SS
100-41-4	Ethyl Benzene	ND		ug/L	2.5	5.0	1	EPA 8260C	02/03/2014 08:48	02/03/2014 13:18	SS
87-68-3	Hexachlorobutadiene	ND		ug/L	2.5	5.0	1	EPA 8260C	02/03/2014 08:48	02/03/2014 13:18	SS
98-82-8	Isopropylbenzene	ND		ug/L	2.5	5.0	1	EPA 8260C	02/03/2014 08:48	02/03/2014 13:18	SS
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	2.5	5.0	1	EPA 8260C	02/03/2014 08:48	02/03/2014 13:18	SS
75-09-2	Methylene chloride	6.8		ug/L	2.5	5.0	1	EPA 8260C	02/03/2014 08:48	02/03/2014 13:18	SS
91-20-3	Naphthalene	ND		ug/L	2.5	5.0	1	EPA 8260C	02/03/2014 08:48	02/03/2014 13:18	SS
104-51-8	n-Butylbenzene	ND		ug/L	2.5	5.0	1	EPA 8260C	02/03/2014 08:48	02/03/2014 13:18	SS
103-65-1	n-Propylbenzene	ND		ug/L	2.5	5.0	1	EPA 8260C	02/03/2014 08:48	02/03/2014 13:18	SS
95-47-6	o-Xylene	ND		ug/L	2.5	5.0	1	EPA 8260C	02/03/2014 08:48	02/03/2014 13:18	SS
179601-23-1	p- & m- Xylenes	ND		ug/L	5.0	10	1	EPA 8260C	02/03/2014 08:48	02/03/2014 13:18	SS
99-87-6	p-Isopropyltoluene	ND		ug/L	2.5	5.0	1	EPA 8260C	02/03/2014 08:48	02/03/2014 13:18	SS
135-98-8	sec-Butylbenzene	ND		ug/L	2.5	5.0	1	EPA 8260C	02/03/2014 08:48	02/03/2014 13:18	SS
100-42-5	Styrene	ND		ug/L	2.5	5.0	1	EPA 8260C	02/03/2014 08:48	02/03/2014 13:18	SS
98-06-6	tert-Butylbenzene	ND		ug/L	2.5	5.0	1	EPA 8260C	02/03/2014 08:48	02/03/2014 13:18	SS
127-18-4	Tetrachloroethylene	ND		ug/L	2.5	5.0	1	EPA 8260C	02/03/2014 08:48	02/03/2014 13:18	SS
108-88-3	Toluene	ND		ug/L	2.5	5.0	1	EPA 8260C	02/03/2014 08:48	02/03/2014 13:18	SS
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	2.5	5.0	1	EPA 8260C	02/03/2014 08:48	02/03/2014 13:18	SS
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	2.5	5.0	1	EPA 8260C	02/03/2014 08:48	02/03/2014 13:18	SS
79-01-6	Trichloroethylene	ND		ug/L	2.5	5.0	1	EPA 8260C	02/03/2014 08:48	02/03/2014 13:18	SS
75-69-4	Trichlorofluoromethane	ND		ug/L	2.5	5.0	1	EPA 8260C	02/03/2014 08:48	02/03/2014 13:18	SS
75-01-4	Vinyl Chloride	ND		ug/L	2.5	5.0	1	EPA 8260C	02/03/2014 08:48	02/03/2014 13:18	SS
1330-20-7	Xylenes, Total	ND		ug/L	7.5	15	1	EPA 8260C	02/03/2014 08:48	02/03/2014 13:18	SS



### Sample Information

**Client Sample ID:** MW-1D

**York Sample ID:** 14A0764-16

<u>York Project (SDG) No.</u> 14A0764	<u>Client Project ID</u> Deluxe	<u>Matrix</u> Water	<u>Collection Date/Time</u> January 23, 2014 1:30 pm	<u>Date Received</u> 01/27/2014
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#### 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
108-05-4	Vinyl acetate	ND		ug/L	2.5	5.0	1	EPA 8260C	02/03/2014 08:48	02/03/2014 13:18	SS
	<b>Surrogate Recoveries</b>	<b>Result</b>			<b>Acceptance Range</b>						
17060-07-0	Surrogate: 1,2-Dichloroethane-d4	106 %			78-122						
460-00-4	Surrogate: p-Bromofluorobenzene	94.0 %			87-112						
2037-26-5	Surrogate: Toluene-d8	101 %			91-110						

### Sample Information

**Client Sample ID:** MW-2A

**York Sample ID:** 14A0764-17

<u>York Project (SDG) No.</u> 14A0764	<u>Client Project ID</u> Deluxe	<u>Matrix</u> Water	<u>Collection Date/Time</u> January 23, 2014 2:10 pm	<u>Date Received</u> 01/27/2014
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#### 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	2.5	5.0	1	EPA 8260C	02/03/2014 08:48	02/03/2014 13:54	SS
71-55-6	1,1,1-Trichloroethane	ND		ug/L	2.5	5.0	1	EPA 8260C	02/03/2014 08:48	02/03/2014 13:54	SS
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	2.5	5.0	1	EPA 8260C	02/03/2014 08:48	02/03/2014 13:54	SS
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/L	2.5	5.0	1	EPA 8260C	02/03/2014 08:48	02/03/2014 13:54	SS
79-00-5	1,1,2-Trichloroethane	ND		ug/L	2.5	5.0	1	EPA 8260C	02/03/2014 08:48	02/03/2014 13:54	SS
75-34-3	1,1-Dichloroethane	ND		ug/L	2.5	5.0	1	EPA 8260C	02/03/2014 08:48	02/03/2014 13:54	SS
75-35-4	1,1-Dichloroethylene	ND		ug/L	2.5	5.0	1	EPA 8260C	02/03/2014 08:48	02/03/2014 13:54	SS
563-58-6	1,1-Dichloropropylene	ND		ug/L	2.5	5.0	1	EPA 8260C	02/03/2014 08:48	02/03/2014 13:54	SS
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	2.5	5.0	1	EPA 8260C	02/03/2014 08:48	02/03/2014 13:54	SS
96-18-4	1,2,3-Trichloropropane	ND		ug/L	2.5	5.0	1	EPA 8260C	02/03/2014 08:48	02/03/2014 13:54	SS
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	2.5	5.0	1	EPA 8260C	02/03/2014 08:48	02/03/2014 13:54	SS
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	2.5	5.0	1	EPA 8260C	02/03/2014 08:48	02/03/2014 13:54	SS
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	2.5	5.0	1	EPA 8260C	02/03/2014 08:48	02/03/2014 13:54	SS
106-93-4	1,2-Dibromoethane	ND		ug/L	2.5	5.0	1	EPA 8260C	02/03/2014 08:48	02/03/2014 13:54	SS
95-50-1	1,2-Dichlorobenzene	ND		ug/L	2.5	5.0	1	EPA 8260C	02/03/2014 08:48	02/03/2014 13:54	SS
107-06-2	1,2-Dichloroethane	ND		ug/L	2.5	5.0	1	EPA 8260C	02/03/2014 08:48	02/03/2014 13:54	SS
78-87-5	1,2-Dichloropropane	ND		ug/L	2.5	5.0	1	EPA 8260C	02/03/2014 08:48	02/03/2014 13:54	SS
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	2.5	5.0	1	EPA 8260C	02/03/2014 08:48	02/03/2014 13:54	SS





## Sample Information

**Client Sample ID:** MW-2A

**York Sample ID:** 14A0764-17

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

14A0764

Deluxe

Water

January 23, 2014 2:10 pm

01/27/2014

**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
541-73-1	1,3-Dichlorobenzene	ND		ug/L	2.5	5.0	1	EPA 8260C	02/03/2014 08:48	02/03/2014 13:54	SS
142-28-9	1,3-Dichloropropane	ND		ug/L	2.5	5.0	1	EPA 8260C	02/03/2014 08:48	02/03/2014 13:54	SS
106-46-7	1,4-Dichlorobenzene	ND		ug/L	2.5	5.0	1	EPA 8260C	02/03/2014 08:48	02/03/2014 13:54	SS
594-20-7	2,2-Dichloropropane	ND		ug/L	2.5	5.0	1	EPA 8260C	02/03/2014 08:48	02/03/2014 13:54	SS
78-93-3	2-Butanone	ND		ug/L	2.5	5.0	1	EPA 8260C	02/03/2014 08:48	02/03/2014 13:54	SS
95-49-8	2-Chlorotoluene	ND		ug/L	2.5	5.0	1	EPA 8260C	02/03/2014 08:48	02/03/2014 13:54	SS
106-43-4	4-Chlorotoluene	ND		ug/L	2.5	5.0	1	EPA 8260C	02/03/2014 08:48	02/03/2014 13:54	SS
67-64-1	Acetone	ND		ug/L	2.5	5.0	1	EPA 8260C	02/03/2014 08:48	02/03/2014 13:54	SS
71-43-2	Benzene	ND		ug/L	2.5	5.0	1	EPA 8260C	02/03/2014 08:48	02/03/2014 13:54	SS
108-86-1	Bromobenzene	ND		ug/L	2.5	5.0	1	EPA 8260C	02/03/2014 08:48	02/03/2014 13:54	SS
74-97-5	Bromochloromethane	ND		ug/L	2.5	5.0	1	EPA 8260C	02/03/2014 08:48	02/03/2014 13:54	SS
75-27-4	Bromodichloromethane	ND		ug/L	2.5	5.0	1	EPA 8260C	02/03/2014 08:48	02/03/2014 13:54	SS
75-25-2	Bromoform	ND		ug/L	2.5	5.0	1	EPA 8260C	02/03/2014 08:48	02/03/2014 13:54	SS
74-83-9	Bromomethane	ND		ug/L	2.5	5.0	1	EPA 8260C	02/03/2014 08:48	02/03/2014 13:54	SS
56-23-5	Carbon tetrachloride	ND		ug/L	2.5	5.0	1	EPA 8260C	02/03/2014 08:48	02/03/2014 13:54	SS
108-90-7	Chlorobenzene	ND		ug/L	2.5	5.0	1	EPA 8260C	02/03/2014 08:48	02/03/2014 13:54	SS
75-00-3	Chloroethane	ND		ug/L	2.5	5.0	1	EPA 8260C	02/03/2014 08:48	02/03/2014 13:54	SS
67-66-3	Chloroform	ND		ug/L	2.5	5.0	1	EPA 8260C	02/03/2014 08:48	02/03/2014 13:54	SS
74-87-3	Chloromethane	ND		ug/L	2.5	5.0	1	EPA 8260C	02/03/2014 08:48	02/03/2014 13:54	SS
156-59-2	cis-1,2-Dichloroethylene	ND		ug/L	2.5	5.0	1	EPA 8260C	02/03/2014 08:48	02/03/2014 13:54	SS
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	2.5	5.0	1	EPA 8260C	02/03/2014 08:48	02/03/2014 13:54	SS
124-48-1	Dibromochloromethane	ND		ug/L	2.5	5.0	1	EPA 8260C	02/03/2014 08:48	02/03/2014 13:54	SS
74-95-3	Dibromomethane	ND		ug/L	2.5	5.0	1	EPA 8260C	02/03/2014 08:48	02/03/2014 13:54	SS
75-71-8	Dichlorodifluoromethane	ND		ug/L	2.5	5.0	1	EPA 8260C	02/03/2014 08:48	02/03/2014 13:54	SS
100-41-4	Ethyl Benzene	ND		ug/L	2.5	5.0	1	EPA 8260C	02/03/2014 08:48	02/03/2014 13:54	SS
87-68-3	Hexachlorobutadiene	ND		ug/L	2.5	5.0	1	EPA 8260C	02/03/2014 08:48	02/03/2014 13:54	SS
98-82-8	Isopropylbenzene	ND		ug/L	2.5	5.0	1	EPA 8260C	02/03/2014 08:48	02/03/2014 13:54	SS
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	2.5	5.0	1	EPA 8260C	02/03/2014 08:48	02/03/2014 13:54	SS
75-09-2	Methylene chloride	4.0	J	ug/L	2.5	5.0	1	EPA 8260C	02/03/2014 08:48	02/03/2014 13:54	SS
91-20-3	Naphthalene	ND		ug/L	2.5	5.0	1	EPA 8260C	02/03/2014 08:48	02/03/2014 13:54	SS
104-51-8	n-Butylbenzene	ND		ug/L	2.5	5.0	1	EPA 8260C	02/03/2014 08:48	02/03/2014 13:54	SS



### Sample Information

**Client Sample ID:** MW-2A

**York Sample ID:** 14A0764-17

York Project (SDG) No.

Client Project ID

Matrix

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14A0764

Deluxe

Water

January 23, 2014 2:10 pm

01/27/2014

**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
103-65-1	n-Propylbenzene	ND		ug/L	2.5	5.0	1	EPA 8260C	02/03/2014 08:48	02/03/2014 13:54	SS
95-47-6	o-Xylene	ND		ug/L	2.5	5.0	1	EPA 8260C	02/03/2014 08:48	02/03/2014 13:54	SS
179601-23-1	p- & m- Xylenes	ND		ug/L	5.0	10	1	EPA 8260C	02/03/2014 08:48	02/03/2014 13:54	SS
99-87-6	p-Isopropyltoluene	ND		ug/L	2.5	5.0	1	EPA 8260C	02/03/2014 08:48	02/03/2014 13:54	SS
135-98-8	sec-Butylbenzene	ND		ug/L	2.5	5.0	1	EPA 8260C	02/03/2014 08:48	02/03/2014 13:54	SS
100-42-5	Styrene	ND		ug/L	2.5	5.0	1	EPA 8260C	02/03/2014 08:48	02/03/2014 13:54	SS
98-06-6	tert-Butylbenzene	ND		ug/L	2.5	5.0	1	EPA 8260C	02/03/2014 08:48	02/03/2014 13:54	SS
127-18-4	Tetrachloroethylene	ND		ug/L	2.5	5.0	1	EPA 8260C	02/03/2014 08:48	02/03/2014 13:54	SS
108-88-3	Toluene	ND		ug/L	2.5	5.0	1	EPA 8260C	02/03/2014 08:48	02/03/2014 13:54	SS
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	2.5	5.0	1	EPA 8260C	02/03/2014 08:48	02/03/2014 13:54	SS
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	2.5	5.0	1	EPA 8260C	02/03/2014 08:48	02/03/2014 13:54	SS
79-01-6	Trichloroethylene	ND		ug/L	2.5	5.0	1	EPA 8260C	02/03/2014 08:48	02/03/2014 13:54	SS
75-69-4	Trichlorofluoromethane	ND		ug/L	2.5	5.0	1	EPA 8260C	02/03/2014 08:48	02/03/2014 13:54	SS
75-01-4	Vinyl Chloride	ND		ug/L	2.5	5.0	1	EPA 8260C	02/03/2014 08:48	02/03/2014 13:54	SS
1330-20-7	Xylenes, Total	ND		ug/L	7.5	15	1	EPA 8260C	02/03/2014 08:48	02/03/2014 13:54	SS
108-05-4	Vinyl acetate	ND		ug/L	2.5	5.0	1	EPA 8260C	02/03/2014 08:48	02/03/2014 13:54	SS
<b>Surrogate Recoveries</b>		<b>Result</b>	<b>Acceptance Range</b>								
17060-07-0	Surrogate: 1,2-Dichloroethane-d4	110 %	78-122								
460-00-4	Surrogate: p-Bromofluorobenzene	95.1 %	87-112								
2037-26-5	Surrogate: Toluene-d8	97.8 %	91-110								

### Sample Information

**Client Sample ID:** MW-2B

**York Sample ID:** 14A0764-18

York Project (SDG) No.

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Deluxe

Water

January 23, 2014 2:40 pm

01/27/2014

**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	2.5	5.0	1	EPA 8260C	02/03/2014 08:49	02/03/2014 10:44	RB
71-55-6	1,1,1-Trichloroethane	ND		ug/L	2.5	5.0	1	EPA 8260C	02/03/2014 08:49	02/03/2014 10:44	RB
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	2.5	5.0	1	EPA 8260C	02/03/2014 08:49	02/03/2014 10:44	RB



### Sample Information

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Water

January 23, 2014 2:40 pm

01/27/2014

**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	2.5	5.0	1	EPA 8260C	02/03/2014 08:49	02/03/2014 10:44	RB
79-00-5	1,1,2-Trichloroethane	ND		ug/L	2.5	5.0	1	EPA 8260C	02/03/2014 08:49	02/03/2014 10:44	RB
75-34-3	1,1-Dichloroethane	ND		ug/L	2.5	5.0	1	EPA 8260C	02/03/2014 08:49	02/03/2014 10:44	RB
75-35-4	1,1-Dichloroethylene	ND		ug/L	2.5	5.0	1	EPA 8260C	02/03/2014 08:49	02/03/2014 10:44	RB
563-58-6	1,1-Dichloropropylene	ND		ug/L	2.5	5.0	1	EPA 8260C	02/03/2014 08:49	02/03/2014 10:44	RB
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	2.5	5.0	1	EPA 8260C	02/03/2014 08:49	02/03/2014 10:44	RB
96-18-4	1,2,3-Trichloropropane	ND		ug/L	2.5	5.0	1	EPA 8260C	02/03/2014 08:49	02/03/2014 10:44	RB
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	2.5	5.0	1	EPA 8260C	02/03/2014 08:49	02/03/2014 10:44	RB
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	2.5	5.0	1	EPA 8260C	02/03/2014 08:49	02/03/2014 10:44	RB
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	2.5	5.0	1	EPA 8260C	02/03/2014 08:49	02/03/2014 10:44	RB
106-93-4	1,2-Dibromoethane	ND		ug/L	2.5	5.0	1	EPA 8260C	02/03/2014 08:49	02/03/2014 10:44	RB
95-50-1	1,2-Dichlorobenzene	ND		ug/L	2.5	5.0	1	EPA 8260C	02/03/2014 08:49	02/03/2014 10:44	RB
107-06-2	1,2-Dichloroethane	ND		ug/L	2.5	5.0	1	EPA 8260C	02/03/2014 08:49	02/03/2014 10:44	RB
78-87-5	1,2-Dichloropropane	ND		ug/L	2.5	5.0	1	EPA 8260C	02/03/2014 08:49	02/03/2014 10:44	RB
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	2.5	5.0	1	EPA 8260C	02/03/2014 08:49	02/03/2014 10:44	RB
541-73-1	1,3-Dichlorobenzene	ND		ug/L	2.5	5.0	1	EPA 8260C	02/03/2014 08:49	02/03/2014 10:44	RB
142-28-9	1,3-Dichloropropane	ND		ug/L	2.5	5.0	1	EPA 8260C	02/03/2014 08:49	02/03/2014 10:44	RB
106-46-7	1,4-Dichlorobenzene	ND		ug/L	2.5	5.0	1	EPA 8260C	02/03/2014 08:49	02/03/2014 10:44	RB
594-20-7	2,2-Dichloropropane	ND		ug/L	2.5	5.0	1	EPA 8260C	02/03/2014 08:49	02/03/2014 10:44	RB
78-93-3	2-Butanone	ND		ug/L	2.5	5.0	1	EPA 8260C	02/03/2014 08:49	02/03/2014 10:44	RB
95-49-8	2-Chlorotoluene	ND		ug/L	2.5	5.0	1	EPA 8260C	02/03/2014 08:49	02/03/2014 10:44	RB
106-43-4	4-Chlorotoluene	ND		ug/L	2.5	5.0	1	EPA 8260C	02/03/2014 08:49	02/03/2014 10:44	RB
67-64-1	Acetone	ND		ug/L	2.5	5.0	1	EPA 8260C	02/03/2014 08:49	02/03/2014 10:44	RB
71-43-2	Benzene	ND		ug/L	2.5	5.0	1	EPA 8260C	02/03/2014 08:49	02/03/2014 10:44	RB
108-86-1	Bromobenzene	ND		ug/L	2.5	5.0	1	EPA 8260C	02/03/2014 08:49	02/03/2014 10:44	RB
74-97-5	Bromochloromethane	ND		ug/L	2.5	5.0	1	EPA 8260C	02/03/2014 08:49	02/03/2014 10:44	RB
75-27-4	Bromodichloromethane	ND		ug/L	2.5	5.0	1	EPA 8260C	02/03/2014 08:49	02/03/2014 10:44	RB
75-25-2	Bromoform	ND		ug/L	2.5	5.0	1	EPA 8260C	02/03/2014 08:49	02/03/2014 10:44	RB
74-83-9	Bromomethane	ND		ug/L	2.5	5.0	1	EPA 8260C	02/03/2014 08:49	02/03/2014 10:44	RB
56-23-5	Carbon tetrachloride	ND		ug/L	2.5	5.0	1	EPA 8260C	02/03/2014 08:49	02/03/2014 10:44	RB
108-90-7	Chlorobenzene	ND		ug/L	2.5	5.0	1	EPA 8260C	02/03/2014 08:49	02/03/2014 10:44	RB



## Sample Information

**Client Sample ID:** MW-2B

**York Sample ID:** 14A0764-18

York Project (SDG) No.

Client Project ID

Matrix

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14A0764

Deluxe

Water

January 23, 2014 2:40 pm

01/27/2014

**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
75-00-3	Chloroethane	ND		ug/L	2.5	5.0	1	EPA 8260C	02/03/2014 08:49	02/03/2014 10:44	RB
67-66-3	Chloroform	ND		ug/L	2.5	5.0	1	EPA 8260C	02/03/2014 08:49	02/03/2014 10:44	RB
74-87-3	Chloromethane	ND		ug/L	2.5	5.0	1	EPA 8260C	02/03/2014 08:49	02/03/2014 10:44	RB
156-59-2	cis-1,2-Dichloroethylene	ND		ug/L	2.5	5.0	1	EPA 8260C	02/03/2014 08:49	02/03/2014 10:44	RB
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	2.5	5.0	1	EPA 8260C	02/03/2014 08:49	02/03/2014 10:44	RB
124-48-1	Dibromochloromethane	ND		ug/L	2.5	5.0	1	EPA 8260C	02/03/2014 08:49	02/03/2014 10:44	RB
74-95-3	Dibromomethane	ND		ug/L	2.5	5.0	1	EPA 8260C	02/03/2014 08:49	02/03/2014 10:44	RB
75-71-8	Dichlorodifluoromethane	ND		ug/L	2.5	5.0	1	EPA 8260C	02/03/2014 08:49	02/03/2014 10:44	RB
100-41-4	Ethyl Benzene	ND		ug/L	2.5	5.0	1	EPA 8260C	02/03/2014 08:49	02/03/2014 10:44	RB
87-68-3	Hexachlorobutadiene	ND		ug/L	2.5	5.0	1	EPA 8260C	02/03/2014 08:49	02/03/2014 10:44	RB
98-82-8	Isopropylbenzene	ND		ug/L	2.5	5.0	1	EPA 8260C	02/03/2014 08:49	02/03/2014 10:44	RB
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	2.5	5.0	1	EPA 8260C	02/03/2014 08:49	02/03/2014 10:44	RB
75-09-2	Methylene chloride	ND		ug/L	2.5	5.0	1	EPA 8260C	02/03/2014 08:49	02/03/2014 10:44	RB
91-20-3	Naphthalene	ND		ug/L	2.5	5.0	1	EPA 8260C	02/03/2014 08:49	02/03/2014 10:44	RB
104-51-8	n-Butylbenzene	ND		ug/L	2.5	5.0	1	EPA 8260C	02/03/2014 08:49	02/03/2014 10:44	RB
103-65-1	n-Propylbenzene	ND		ug/L	2.5	5.0	1	EPA 8260C	02/03/2014 08:49	02/03/2014 10:44	RB
95-47-6	o-Xylene	ND		ug/L	2.5	5.0	1	EPA 8260C	02/03/2014 08:49	02/03/2014 10:44	RB
179601-23-1	p- & m- Xylenes	ND		ug/L	5.0	10	1	EPA 8260C	02/03/2014 08:49	02/03/2014 10:44	RB
99-87-6	p-Isopropyltoluene	ND		ug/L	2.5	5.0	1	EPA 8260C	02/03/2014 08:49	02/03/2014 10:44	RB
135-98-8	sec-Butylbenzene	ND		ug/L	2.5	5.0	1	EPA 8260C	02/03/2014 08:49	02/03/2014 10:44	RB
100-42-5	Styrene	ND		ug/L	2.5	5.0	1	EPA 8260C	02/03/2014 08:49	02/03/2014 10:44	RB
98-06-6	tert-Butylbenzene	ND		ug/L	2.5	5.0	1	EPA 8260C	02/03/2014 08:49	02/03/2014 10:44	RB
127-18-4	Tetrachloroethylene	ND		ug/L	2.5	5.0	1	EPA 8260C	02/03/2014 08:49	02/03/2014 10:44	RB
108-88-3	Toluene	ND		ug/L	2.5	5.0	1	EPA 8260C	02/03/2014 08:49	02/03/2014 10:44	RB
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	2.5	5.0	1	EPA 8260C	02/03/2014 08:49	02/03/2014 10:44	RB
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	2.5	5.0	1	EPA 8260C	02/03/2014 08:49	02/03/2014 10:44	RB
79-01-6	Trichloroethylene	ND		ug/L	2.5	5.0	1	EPA 8260C	02/03/2014 08:49	02/03/2014 10:44	RB
75-69-4	Trichlorofluoromethane	ND		ug/L	2.5	5.0	1	EPA 8260C	02/03/2014 08:49	02/03/2014 10:44	RB
75-01-4	Vinyl Chloride	ND		ug/L	2.5	5.0	1	EPA 8260C	02/03/2014 08:49	02/03/2014 10:44	RB
1330-20-7	Xylenes, Total	ND		ug/L	7.5	15	1	EPA 8260C	02/03/2014 08:49	02/03/2014 10:44	RB
108-05-4	Vinyl acetate	ND		ug/L	2.5	5.0	1	EPA 8260C	02/03/2014 08:49	02/03/2014 10:44	RB



### Sample Information

**Client Sample ID:** MW-2B

**York Sample ID:** 14A0764-18

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

14A0764

Deluxe

Water

January 23, 2014 2:40 pm

01/27/2014

#### 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
	<b>Surrogate Recoveries</b>	<b>Result</b>									
17060-07-0	Surrogate: 1,2-Dichloroethane-d4	107 %			78-122						
460-00-4	Surrogate: p-Bromofluorobenzene	89.6 %			87-112						
2037-26-5	Surrogate: Toluene-d8	105 %			91-110						

### Sample Information

**Client Sample ID:** MW-2C

**York Sample ID:** 14A0764-19

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

14A0764

Deluxe

Water

January 23, 2014 3:30 pm

01/27/2014

#### 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	2.5	5.0	1	EPA 8260C	02/03/2014 08:49	02/03/2014 11:15	RB
71-55-6	1,1,1-Trichloroethane	ND		ug/L	2.5	5.0	1	EPA 8260C	02/03/2014 08:49	02/03/2014 11:15	RB
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	2.5	5.0	1	EPA 8260C	02/03/2014 08:49	02/03/2014 11:15	RB
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/L	2.5	5.0	1	EPA 8260C	02/03/2014 08:49	02/03/2014 11:15	RB
79-00-5	1,1,2-Trichloroethane	ND		ug/L	2.5	5.0	1	EPA 8260C	02/03/2014 08:49	02/03/2014 11:15	RB
75-34-3	1,1-Dichloroethane	ND		ug/L	2.5	5.0	1	EPA 8260C	02/03/2014 08:49	02/03/2014 11:15	RB
75-35-4	1,1-Dichloroethylene	ND		ug/L	2.5	5.0	1	EPA 8260C	02/03/2014 08:49	02/03/2014 11:15	RB
563-58-6	1,1-Dichloropropylene	ND		ug/L	2.5	5.0	1	EPA 8260C	02/03/2014 08:49	02/03/2014 11:15	RB
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	2.5	5.0	1	EPA 8260C	02/03/2014 08:49	02/03/2014 11:15	RB
96-18-4	1,2,3-Trichloropropane	ND		ug/L	2.5	5.0	1	EPA 8260C	02/03/2014 08:49	02/03/2014 11:15	RB
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	2.5	5.0	1	EPA 8260C	02/03/2014 08:49	02/03/2014 11:15	RB
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	2.5	5.0	1	EPA 8260C	02/03/2014 08:49	02/03/2014 11:15	RB
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	2.5	5.0	1	EPA 8260C	02/03/2014 08:49	02/03/2014 11:15	RB
106-93-4	1,2-Dibromoethane	ND		ug/L	2.5	5.0	1	EPA 8260C	02/03/2014 08:49	02/03/2014 11:15	RB
95-50-1	1,2-Dichlorobenzene	ND		ug/L	2.5	5.0	1	EPA 8260C	02/03/2014 08:49	02/03/2014 11:15	RB
107-06-2	1,2-Dichloroethane	ND		ug/L	2.5	5.0	1	EPA 8260C	02/03/2014 08:49	02/03/2014 11:15	RB
78-87-5	1,2-Dichloropropane	ND		ug/L	2.5	5.0	1	EPA 8260C	02/03/2014 08:49	02/03/2014 11:15	RB
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	2.5	5.0	1	EPA 8260C	02/03/2014 08:49	02/03/2014 11:15	RB
541-73-1	1,3-Dichlorobenzene	ND		ug/L	2.5	5.0	1	EPA 8260C	02/03/2014 08:49	02/03/2014 11:15	RB



## Sample Information

**Client Sample ID:** MW-2C

**York Sample ID:** 14A0764-19

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

14A0764

Deluxe

Water

January 23, 2014 3:30 pm

01/27/2014

**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
142-28-9	1,3-Dichloropropane	ND		ug/L	2.5	5.0	1	EPA 8260C	02/03/2014 08:49	02/03/2014 11:15	RB
106-46-7	1,4-Dichlorobenzene	ND		ug/L	2.5	5.0	1	EPA 8260C	02/03/2014 08:49	02/03/2014 11:15	RB
594-20-7	2,2-Dichloropropane	ND		ug/L	2.5	5.0	1	EPA 8260C	02/03/2014 08:49	02/03/2014 11:15	RB
78-93-3	2-Butanone	ND		ug/L	2.5	5.0	1	EPA 8260C	02/03/2014 08:49	02/03/2014 11:15	RB
95-49-8	2-Chlorotoluene	ND		ug/L	2.5	5.0	1	EPA 8260C	02/03/2014 08:49	02/03/2014 11:15	RB
106-43-4	4-Chlorotoluene	ND		ug/L	2.5	5.0	1	EPA 8260C	02/03/2014 08:49	02/03/2014 11:15	RB
67-64-1	Acetone	ND		ug/L	2.5	5.0	1	EPA 8260C	02/03/2014 08:49	02/03/2014 11:15	RB
71-43-2	Benzene	ND		ug/L	2.5	5.0	1	EPA 8260C	02/03/2014 08:49	02/03/2014 11:15	RB
108-86-1	Bromobenzene	ND		ug/L	2.5	5.0	1	EPA 8260C	02/03/2014 08:49	02/03/2014 11:15	RB
74-97-5	Bromochloromethane	ND		ug/L	2.5	5.0	1	EPA 8260C	02/03/2014 08:49	02/03/2014 11:15	RB
75-27-4	Bromodichloromethane	ND		ug/L	2.5	5.0	1	EPA 8260C	02/03/2014 08:49	02/03/2014 11:15	RB
75-25-2	Bromoform	ND		ug/L	2.5	5.0	1	EPA 8260C	02/03/2014 08:49	02/03/2014 11:15	RB
74-83-9	Bromomethane	ND		ug/L	2.5	5.0	1	EPA 8260C	02/03/2014 08:49	02/03/2014 11:15	RB
56-23-5	Carbon tetrachloride	ND		ug/L	2.5	5.0	1	EPA 8260C	02/03/2014 08:49	02/03/2014 11:15	RB
108-90-7	Chlorobenzene	ND		ug/L	2.5	5.0	1	EPA 8260C	02/03/2014 08:49	02/03/2014 11:15	RB
75-00-3	Chloroethane	ND		ug/L	2.5	5.0	1	EPA 8260C	02/03/2014 08:49	02/03/2014 11:15	RB
67-66-3	Chloroform	ND		ug/L	2.5	5.0	1	EPA 8260C	02/03/2014 08:49	02/03/2014 11:15	RB
74-87-3	Chloromethane	ND		ug/L	2.5	5.0	1	EPA 8260C	02/03/2014 08:49	02/03/2014 11:15	RB
156-59-2	cis-1,2-Dichloroethylene	ND		ug/L	2.5	5.0	1	EPA 8260C	02/03/2014 08:49	02/03/2014 11:15	RB
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	2.5	5.0	1	EPA 8260C	02/03/2014 08:49	02/03/2014 11:15	RB
124-48-1	Dibromochloromethane	ND		ug/L	2.5	5.0	1	EPA 8260C	02/03/2014 08:49	02/03/2014 11:15	RB
74-95-3	Dibromomethane	ND		ug/L	2.5	5.0	1	EPA 8260C	02/03/2014 08:49	02/03/2014 11:15	RB
75-71-8	Dichlorodifluoromethane	ND		ug/L	2.5	5.0	1	EPA 8260C	02/03/2014 08:49	02/03/2014 11:15	RB
100-41-4	Ethyl Benzene	ND		ug/L	2.5	5.0	1	EPA 8260C	02/03/2014 08:49	02/03/2014 11:15	RB
87-68-3	Hexachlorobutadiene	ND		ug/L	2.5	5.0	1	EPA 8260C	02/03/2014 08:49	02/03/2014 11:15	RB
98-82-8	Isopropylbenzene	ND		ug/L	2.5	5.0	1	EPA 8260C	02/03/2014 08:49	02/03/2014 11:15	RB
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	2.5	5.0	1	EPA 8260C	02/03/2014 08:49	02/03/2014 11:15	RB
75-09-2	Methylene chloride	ND		ug/L	2.5	5.0	1	EPA 8260C	02/03/2014 08:49	02/03/2014 11:15	RB
91-20-3	Naphthalene	ND		ug/L	2.5	5.0	1	EPA 8260C	02/03/2014 08:49	02/03/2014 11:15	RB
104-51-8	n-Butylbenzene	ND		ug/L	2.5	5.0	1	EPA 8260C	02/03/2014 08:49	02/03/2014 11:15	RB
103-65-1	n-Propylbenzene	ND		ug/L	2.5	5.0	1	EPA 8260C	02/03/2014 08:49	02/03/2014 11:15	RB



### Sample Information

**Client Sample ID:** MW-2C

**York Sample ID:** 14A0764-19

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

14A0764

Deluxe

Water

January 23, 2014 3:30 pm

01/27/2014

### 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
95-47-6	o-Xylene	ND		ug/L	2.5	5.0	1	EPA 8260C	02/03/2014 08:49	02/03/2014 11:15	RB
179601-23-1	p- & m- Xylenes	ND		ug/L	5.0	10	1	EPA 8260C	02/03/2014 08:49	02/03/2014 11:15	RB
99-87-6	p-Isopropyltoluene	ND		ug/L	2.5	5.0	1	EPA 8260C	02/03/2014 08:49	02/03/2014 11:15	RB
135-98-8	sec-Butylbenzene	ND		ug/L	2.5	5.0	1	EPA 8260C	02/03/2014 08:49	02/03/2014 11:15	RB
100-42-5	Styrene	ND		ug/L	2.5	5.0	1	EPA 8260C	02/03/2014 08:49	02/03/2014 11:15	RB
98-06-6	tert-Butylbenzene	ND		ug/L	2.5	5.0	1	EPA 8260C	02/03/2014 08:49	02/03/2014 11:15	RB
127-18-4	Tetrachloroethylene	ND		ug/L	2.5	5.0	1	EPA 8260C	02/03/2014 08:49	02/03/2014 11:15	RB
108-88-3	Toluene	ND		ug/L	2.5	5.0	1	EPA 8260C	02/03/2014 08:49	02/03/2014 11:15	RB
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	2.5	5.0	1	EPA 8260C	02/03/2014 08:49	02/03/2014 11:15	RB
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	2.5	5.0	1	EPA 8260C	02/03/2014 08:49	02/03/2014 11:15	RB
79-01-6	Trichloroethylene	ND		ug/L	2.5	5.0	1	EPA 8260C	02/03/2014 08:49	02/03/2014 11:15	RB
75-69-4	Trichlorofluoromethane	ND		ug/L	2.5	5.0	1	EPA 8260C	02/03/2014 08:49	02/03/2014 11:15	RB
75-01-4	Vinyl Chloride	ND		ug/L	2.5	5.0	1	EPA 8260C	02/03/2014 08:49	02/03/2014 11:15	RB
1330-20-7	Xylenes, Total	ND		ug/L	7.5	15	1	EPA 8260C	02/03/2014 08:49	02/03/2014 11:15	RB
108-05-4	Vinyl acetate	ND		ug/L	2.5	5.0	1	EPA 8260C	02/03/2014 08:49	02/03/2014 11:15	RB
	<b>Surrogate Recoveries</b>	<b>Result</b>			<b>Acceptance Range</b>						
17060-07-0	Surrogate: 1,2-Dichloroethane-d4	101 %			78-122						
460-00-4	Surrogate: p-Bromofluorobenzene	92.0 %			87-112						
2037-26-5	Surrogate: Toluene-d8	106 %			91-110						

### Sample Information

**Client Sample ID:** Field Duplicate

**York Sample ID:** 14A0764-20

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

14A0764

Deluxe

Water

January 22, 2014 3:00 pm

01/27/2014

### 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	2.5	5.0	1	EPA 8260C	02/03/2014 08:49	02/03/2014 11:46	RB
71-55-6	1,1,1-Trichloroethane	ND		ug/L	2.5	5.0	1	EPA 8260C	02/03/2014 08:49	02/03/2014 11:46	RB
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	2.5	5.0	1	EPA 8260C	02/03/2014 08:49	02/03/2014 11:46	RB
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/L	2.5	5.0	1	EPA 8260C	02/03/2014 08:49	02/03/2014 11:46	RB



### Sample Information

**Client Sample ID:** Field Duplicate

**York Sample ID:** 14A0764-20

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

14A0764

Deluxe

Water

January 22, 2014 3:00 pm

01/27/2014

**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
79-00-5	1,1,2-Trichloroethane	ND		ug/L	2.5	5.0	1	EPA 8260C	02/03/2014 08:49	02/03/2014 11:46	RB
75-34-3	1,1-Dichloroethane	ND		ug/L	2.5	5.0	1	EPA 8260C	02/03/2014 08:49	02/03/2014 11:46	RB
75-35-4	1,1-Dichloroethylene	ND		ug/L	2.5	5.0	1	EPA 8260C	02/03/2014 08:49	02/03/2014 11:46	RB
563-58-6	1,1-Dichloropropylene	ND		ug/L	2.5	5.0	1	EPA 8260C	02/03/2014 08:49	02/03/2014 11:46	RB
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	2.5	5.0	1	EPA 8260C	02/03/2014 08:49	02/03/2014 11:46	RB
96-18-4	1,2,3-Trichloropropane	ND		ug/L	2.5	5.0	1	EPA 8260C	02/03/2014 08:49	02/03/2014 11:46	RB
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	2.5	5.0	1	EPA 8260C	02/03/2014 08:49	02/03/2014 11:46	RB
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	2.5	5.0	1	EPA 8260C	02/03/2014 08:49	02/03/2014 11:46	RB
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	2.5	5.0	1	EPA 8260C	02/03/2014 08:49	02/03/2014 11:46	RB
106-93-4	1,2-Dibromoethane	ND		ug/L	2.5	5.0	1	EPA 8260C	02/03/2014 08:49	02/03/2014 11:46	RB
95-50-1	1,2-Dichlorobenzene	ND		ug/L	2.5	5.0	1	EPA 8260C	02/03/2014 08:49	02/03/2014 11:46	RB
107-06-2	1,2-Dichloroethane	ND		ug/L	2.5	5.0	1	EPA 8260C	02/03/2014 08:49	02/03/2014 11:46	RB
78-87-5	1,2-Dichloropropane	ND		ug/L	2.5	5.0	1	EPA 8260C	02/03/2014 08:49	02/03/2014 11:46	RB
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	2.5	5.0	1	EPA 8260C	02/03/2014 08:49	02/03/2014 11:46	RB
541-73-1	1,3-Dichlorobenzene	ND		ug/L	2.5	5.0	1	EPA 8260C	02/03/2014 08:49	02/03/2014 11:46	RB
142-28-9	1,3-Dichloropropane	ND		ug/L	2.5	5.0	1	EPA 8260C	02/03/2014 08:49	02/03/2014 11:46	RB
106-46-7	1,4-Dichlorobenzene	ND		ug/L	2.5	5.0	1	EPA 8260C	02/03/2014 08:49	02/03/2014 11:46	RB
594-20-7	2,2-Dichloropropane	ND		ug/L	2.5	5.0	1	EPA 8260C	02/03/2014 08:49	02/03/2014 11:46	RB
78-93-3	2-Butanone	ND		ug/L	2.5	5.0	1	EPA 8260C	02/03/2014 08:49	02/03/2014 11:46	RB
95-49-8	2-Chlorotoluene	ND		ug/L	2.5	5.0	1	EPA 8260C	02/03/2014 08:49	02/03/2014 11:46	RB
106-43-4	4-Chlorotoluene	ND		ug/L	2.5	5.0	1	EPA 8260C	02/03/2014 08:49	02/03/2014 11:46	RB
67-64-1	Acetone	ND		ug/L	2.5	5.0	1	EPA 8260C	02/03/2014 08:49	02/03/2014 11:46	RB
71-43-2	Benzene	ND		ug/L	2.5	5.0	1	EPA 8260C	02/03/2014 08:49	02/03/2014 11:46	RB
108-86-1	Bromobenzene	ND		ug/L	2.5	5.0	1	EPA 8260C	02/03/2014 08:49	02/03/2014 11:46	RB
74-97-5	Bromochloromethane	ND		ug/L	2.5	5.0	1	EPA 8260C	02/03/2014 08:49	02/03/2014 11:46	RB
75-27-4	Bromodichloromethane	ND		ug/L	2.5	5.0	1	EPA 8260C	02/03/2014 08:49	02/03/2014 11:46	RB
75-25-2	Bromoform	ND		ug/L	2.5	5.0	1	EPA 8260C	02/03/2014 08:49	02/03/2014 11:46	RB
74-83-9	Bromomethane	ND		ug/L	2.5	5.0	1	EPA 8260C	02/03/2014 08:49	02/03/2014 11:46	RB
56-23-5	Carbon tetrachloride	ND		ug/L	2.5	5.0	1	EPA 8260C	02/03/2014 08:49	02/03/2014 11:46	RB
108-90-7	Chlorobenzene	ND		ug/L	2.5	5.0	1	EPA 8260C	02/03/2014 08:49	02/03/2014 11:46	RB
75-00-3	Chloroethane	ND		ug/L	2.5	5.0	1	EPA 8260C	02/03/2014 08:49	02/03/2014 11:46	RB





## Sample Information

**Client Sample ID:** Field Duplicate

**York Sample ID:** 14A0764-20

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

14A0764

Deluxe

Water

January 22, 2014 3:00 pm

01/27/2014

**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
67-66-3	Chloroform	ND		ug/L	2.5	5.0	1	EPA 8260C	02/03/2014 08:49	02/03/2014 11:46	RB
74-87-3	Chloromethane	ND		ug/L	2.5	5.0	1	EPA 8260C	02/03/2014 08:49	02/03/2014 11:46	RB
156-59-2	cis-1,2-Dichloroethylene	ND		ug/L	2.5	5.0	1	EPA 8260C	02/03/2014 08:49	02/03/2014 11:46	RB
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	2.5	5.0	1	EPA 8260C	02/03/2014 08:49	02/03/2014 11:46	RB
124-48-1	Dibromochloromethane	ND		ug/L	2.5	5.0	1	EPA 8260C	02/03/2014 08:49	02/03/2014 11:46	RB
74-95-3	Dibromomethane	ND		ug/L	2.5	5.0	1	EPA 8260C	02/03/2014 08:49	02/03/2014 11:46	RB
75-71-8	Dichlorodifluoromethane	ND		ug/L	2.5	5.0	1	EPA 8260C	02/03/2014 08:49	02/03/2014 11:46	RB
100-41-4	Ethyl Benzene	ND		ug/L	2.5	5.0	1	EPA 8260C	02/03/2014 08:49	02/03/2014 11:46	RB
87-68-3	Hexachlorobutadiene	ND		ug/L	2.5	5.0	1	EPA 8260C	02/03/2014 08:49	02/03/2014 11:46	RB
98-82-8	Isopropylbenzene	ND		ug/L	2.5	5.0	1	EPA 8260C	02/03/2014 08:49	02/03/2014 11:46	RB
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	2.5	5.0	1	EPA 8260C	02/03/2014 08:49	02/03/2014 11:46	RB
75-09-2	Methylene chloride	ND		ug/L	2.5	5.0	1	EPA 8260C	02/03/2014 08:49	02/03/2014 11:46	RB
91-20-3	Naphthalene	ND		ug/L	2.5	5.0	1	EPA 8260C	02/03/2014 08:49	02/03/2014 11:46	RB
104-51-8	n-Butylbenzene	ND		ug/L	2.5	5.0	1	EPA 8260C	02/03/2014 08:49	02/03/2014 11:46	RB
103-65-1	n-Propylbenzene	ND		ug/L	2.5	5.0	1	EPA 8260C	02/03/2014 08:49	02/03/2014 11:46	RB
95-47-6	o-Xylene	ND		ug/L	2.5	5.0	1	EPA 8260C	02/03/2014 08:49	02/03/2014 11:46	RB
179601-23-1	p- & m- Xylenes	ND		ug/L	5.0	10	1	EPA 8260C	02/03/2014 08:49	02/03/2014 11:46	RB
99-87-6	p-Isopropyltoluene	ND		ug/L	2.5	5.0	1	EPA 8260C	02/03/2014 08:49	02/03/2014 11:46	RB
135-98-8	sec-Butylbenzene	ND		ug/L	2.5	5.0	1	EPA 8260C	02/03/2014 08:49	02/03/2014 11:46	RB
100-42-5	Styrene	ND		ug/L	2.5	5.0	1	EPA 8260C	02/03/2014 08:49	02/03/2014 11:46	RB
98-06-6	tert-Butylbenzene	ND		ug/L	2.5	5.0	1	EPA 8260C	02/03/2014 08:49	02/03/2014 11:46	RB
127-18-4	Tetrachloroethylene	ND		ug/L	2.5	5.0	1	EPA 8260C	02/03/2014 08:49	02/03/2014 11:46	RB
108-88-3	Toluene	ND		ug/L	2.5	5.0	1	EPA 8260C	02/03/2014 08:49	02/03/2014 11:46	RB
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	2.5	5.0	1	EPA 8260C	02/03/2014 08:49	02/03/2014 11:46	RB
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	2.5	5.0	1	EPA 8260C	02/03/2014 08:49	02/03/2014 11:46	RB
79-01-6	Trichloroethylene	ND		ug/L	2.5	5.0	1	EPA 8260C	02/03/2014 08:49	02/03/2014 11:46	RB
75-69-4	Trichlorofluoromethane	ND		ug/L	2.5	5.0	1	EPA 8260C	02/03/2014 08:49	02/03/2014 11:46	RB
75-01-4	Vinyl Chloride	ND		ug/L	2.5	5.0	1	EPA 8260C	02/03/2014 08:49	02/03/2014 11:46	RB
1330-20-7	Xylenes, Total	ND		ug/L	7.5	15	1	EPA 8260C	02/03/2014 08:49	02/03/2014 11:46	RB
108-05-4	Vinyl acetate	ND		ug/L	2.5	5.0	1	EPA 8260C	02/03/2014 08:49	02/03/2014 11:46	RB
	<b>Surrogate Recoveries</b>	<b>Result</b>			<b>Acceptance Range</b>						
17060-07-0	Surrogate: 1,2-Dichloroethane-d4	102 %			78-122						



### Sample Information

**Client Sample ID:** Field Duplicate

**York Sample ID:** 14A0764-20

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

14A0764

Deluxe

Water

January 22, 2014 3:00 pm

01/27/2014

### 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
460-00-4	Surrogate: p-Bromofluorobenzene	89.9 %			87-112						
2037-26-5	Surrogate: Toluene-d8	107 %			91-110						

### Sample Information

**Client Sample ID:** Field Blank

**York Sample ID:** 14A0764-21

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

14A0764

Deluxe

Water

January 23, 2014 3:36 pm

01/27/2014

### 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	2.5	5.0	1	EPA 8260C	02/03/2014 08:49	02/03/2014 12:17	RB
71-55-6	1,1,1-Trichloroethane	ND		ug/L	2.5	5.0	1	EPA 8260C	02/03/2014 08:49	02/03/2014 12:17	RB
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	2.5	5.0	1	EPA 8260C	02/03/2014 08:49	02/03/2014 12:17	RB
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/L	2.5	5.0	1	EPA 8260C	02/03/2014 08:49	02/03/2014 12:17	RB
79-00-5	1,1,2-Trichloroethane	ND		ug/L	2.5	5.0	1	EPA 8260C	02/03/2014 08:49	02/03/2014 12:17	RB
75-34-3	1,1-Dichloroethane	ND		ug/L	2.5	5.0	1	EPA 8260C	02/03/2014 08:49	02/03/2014 12:17	RB
75-35-4	1,1-Dichloroethylene	ND		ug/L	2.5	5.0	1	EPA 8260C	02/03/2014 08:49	02/03/2014 12:17	RB
563-58-6	1,1-Dichloropropylene	ND		ug/L	2.5	5.0	1	EPA 8260C	02/03/2014 08:49	02/03/2014 12:17	RB
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	2.5	5.0	1	EPA 8260C	02/03/2014 08:49	02/03/2014 12:17	RB
96-18-4	1,2,3-Trichloropropane	ND		ug/L	2.5	5.0	1	EPA 8260C	02/03/2014 08:49	02/03/2014 12:17	RB
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	2.5	5.0	1	EPA 8260C	02/03/2014 08:49	02/03/2014 12:17	RB
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	2.5	5.0	1	EPA 8260C	02/03/2014 08:49	02/03/2014 12:17	RB
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	2.5	5.0	1	EPA 8260C	02/03/2014 08:49	02/03/2014 12:17	RB
106-93-4	1,2-Dibromoethane	ND		ug/L	2.5	5.0	1	EPA 8260C	02/03/2014 08:49	02/03/2014 12:17	RB
95-50-1	1,2-Dichlorobenzene	ND		ug/L	2.5	5.0	1	EPA 8260C	02/03/2014 08:49	02/03/2014 12:17	RB
107-06-2	1,2-Dichloroethane	ND		ug/L	2.5	5.0	1	EPA 8260C	02/03/2014 08:49	02/03/2014 12:17	RB
78-87-5	1,2-Dichloropropane	ND		ug/L	2.5	5.0	1	EPA 8260C	02/03/2014 08:49	02/03/2014 12:17	RB
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	2.5	5.0	1	EPA 8260C	02/03/2014 08:49	02/03/2014 12:17	RB
541-73-1	1,3-Dichlorobenzene	ND		ug/L	2.5	5.0	1	EPA 8260C	02/03/2014 08:49	02/03/2014 12:17	RB
142-28-9	1,3-Dichloropropane	ND		ug/L	2.5	5.0	1	EPA 8260C	02/03/2014 08:49	02/03/2014 12:17	RB
106-46-7	1,4-Dichlorobenzene	ND		ug/L	2.5	5.0	1	EPA 8260C	02/03/2014 08:49	02/03/2014 12:17	RB



## Sample Information

**Client Sample ID:** Field Blank

**York Sample ID:** 14A0764-21

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

14A0764

Deluxe

Water

January 23, 2014 3:36 pm

01/27/2014

**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
594-20-7	2,2-Dichloropropane	ND		ug/L	2.5	5.0	1	EPA 8260C	02/03/2014 08:49	02/03/2014 12:17	RB
78-93-3	2-Butanone	ND		ug/L	2.5	5.0	1	EPA 8260C	02/03/2014 08:49	02/03/2014 12:17	RB
95-49-8	2-Chlorotoluene	ND		ug/L	2.5	5.0	1	EPA 8260C	02/03/2014 08:49	02/03/2014 12:17	RB
106-43-4	4-Chlorotoluene	ND		ug/L	2.5	5.0	1	EPA 8260C	02/03/2014 08:49	02/03/2014 12:17	RB
67-64-1	Acetone	ND		ug/L	2.5	5.0	1	EPA 8260C	02/03/2014 08:49	02/03/2014 12:17	RB
71-43-2	Benzene	ND		ug/L	2.5	5.0	1	EPA 8260C	02/03/2014 08:49	02/03/2014 12:17	RB
108-86-1	Bromobenzene	ND		ug/L	2.5	5.0	1	EPA 8260C	02/03/2014 08:49	02/03/2014 12:17	RB
74-97-5	Bromochloromethane	ND		ug/L	2.5	5.0	1	EPA 8260C	02/03/2014 08:49	02/03/2014 12:17	RB
75-27-4	Bromodichloromethane	ND		ug/L	2.5	5.0	1	EPA 8260C	02/03/2014 08:49	02/03/2014 12:17	RB
75-25-2	Bromoform	ND		ug/L	2.5	5.0	1	EPA 8260C	02/03/2014 08:49	02/03/2014 12:17	RB
74-83-9	Bromomethane	ND		ug/L	2.5	5.0	1	EPA 8260C	02/03/2014 08:49	02/03/2014 12:17	RB
56-23-5	Carbon tetrachloride	ND		ug/L	2.5	5.0	1	EPA 8260C	02/03/2014 08:49	02/03/2014 12:17	RB
108-90-7	Chlorobenzene	ND		ug/L	2.5	5.0	1	EPA 8260C	02/03/2014 08:49	02/03/2014 12:17	RB
75-00-3	Chloroethane	ND		ug/L	2.5	5.0	1	EPA 8260C	02/03/2014 08:49	02/03/2014 12:17	RB
67-66-3	Chloroform	ND		ug/L	2.5	5.0	1	EPA 8260C	02/03/2014 08:49	02/03/2014 12:17	RB
74-87-3	Chloromethane	ND		ug/L	2.5	5.0	1	EPA 8260C	02/03/2014 08:49	02/03/2014 12:17	RB
156-59-2	cis-1,2-Dichloroethylene	ND		ug/L	2.5	5.0	1	EPA 8260C	02/03/2014 08:49	02/03/2014 12:17	RB
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	2.5	5.0	1	EPA 8260C	02/03/2014 08:49	02/03/2014 12:17	RB
124-48-1	Dibromochloromethane	ND		ug/L	2.5	5.0	1	EPA 8260C	02/03/2014 08:49	02/03/2014 12:17	RB
74-95-3	Dibromomethane	ND		ug/L	2.5	5.0	1	EPA 8260C	02/03/2014 08:49	02/03/2014 12:17	RB
75-71-8	Dichlorodifluoromethane	ND		ug/L	2.5	5.0	1	EPA 8260C	02/03/2014 08:49	02/03/2014 12:17	RB
100-41-4	Ethyl Benzene	ND		ug/L	2.5	5.0	1	EPA 8260C	02/03/2014 08:49	02/03/2014 12:17	RB
87-68-3	Hexachlorobutadiene	ND		ug/L	2.5	5.0	1	EPA 8260C	02/03/2014 08:49	02/03/2014 12:17	RB
98-82-8	Isopropylbenzene	ND		ug/L	2.5	5.0	1	EPA 8260C	02/03/2014 08:49	02/03/2014 12:17	RB
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	2.5	5.0	1	EPA 8260C	02/03/2014 08:49	02/03/2014 12:17	RB
75-09-2	Methylene chloride	ND		ug/L	2.5	5.0	1	EPA 8260C	02/03/2014 08:49	02/03/2014 12:17	RB
91-20-3	Naphthalene	ND		ug/L	2.5	5.0	1	EPA 8260C	02/03/2014 08:49	02/03/2014 12:17	RB
104-51-8	n-Butylbenzene	ND		ug/L	2.5	5.0	1	EPA 8260C	02/03/2014 08:49	02/03/2014 12:17	RB
103-65-1	n-Propylbenzene	ND		ug/L	2.5	5.0	1	EPA 8260C	02/03/2014 08:49	02/03/2014 12:17	RB
95-47-6	o-Xylene	ND		ug/L	2.5	5.0	1	EPA 8260C	02/03/2014 08:49	02/03/2014 12:17	RB
179601-23-1	p- & m- Xylenes	ND		ug/L	5.0	10	1	EPA 8260C	02/03/2014 08:49	02/03/2014 12:17	RB



### Sample Information

**Client Sample ID:** Field Blank

**York Sample ID:** 14A0764-21

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

14A0764

Deluxe

Water

January 23, 2014 3:36 pm

01/27/2014

### 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
99-87-6	p-Isopropyltoluene	ND		ug/L	2.5	5.0	1	EPA 8260C	02/03/2014 08:49	02/03/2014 12:17	RB
135-98-8	sec-Butylbenzene	ND		ug/L	2.5	5.0	1	EPA 8260C	02/03/2014 08:49	02/03/2014 12:17	RB
100-42-5	Styrene	ND		ug/L	2.5	5.0	1	EPA 8260C	02/03/2014 08:49	02/03/2014 12:17	RB
98-06-6	tert-Butylbenzene	ND		ug/L	2.5	5.0	1	EPA 8260C	02/03/2014 08:49	02/03/2014 12:17	RB
127-18-4	Tetrachloroethylene	ND		ug/L	2.5	5.0	1	EPA 8260C	02/03/2014 08:49	02/03/2014 12:17	RB
108-88-3	Toluene	ND		ug/L	2.5	5.0	1	EPA 8260C	02/03/2014 08:49	02/03/2014 12:17	RB
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	2.5	5.0	1	EPA 8260C	02/03/2014 08:49	02/03/2014 12:17	RB
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	2.5	5.0	1	EPA 8260C	02/03/2014 08:49	02/03/2014 12:17	RB
79-01-6	Trichloroethylene	ND		ug/L	2.5	5.0	1	EPA 8260C	02/03/2014 08:49	02/03/2014 12:17	RB
75-69-4	Trichlorofluoromethane	ND		ug/L	2.5	5.0	1	EPA 8260C	02/03/2014 08:49	02/03/2014 12:17	RB
75-01-4	Vinyl Chloride	ND		ug/L	2.5	5.0	1	EPA 8260C	02/03/2014 08:49	02/03/2014 12:17	RB
1330-20-7	Xylenes, Total	ND		ug/L	7.5	15	1	EPA 8260C	02/03/2014 08:49	02/03/2014 12:17	RB
108-05-4	Vinyl acetate	ND		ug/L	2.5	5.0	1	EPA 8260C	02/03/2014 08:49	02/03/2014 12:17	RB
	<b>Surrogate Recoveries</b>	<b>Result</b>			<b>Acceptance Range</b>						
17060-07-0	Surrogate: 1,2-Dichloroethane-d4	105 %			78-122						
460-00-4	Surrogate: p-Bromofluorobenzene	91.3 %			87-112						
2037-26-5	Surrogate: Toluene-d8	108 %			91-110						

### Sample Information

**Client Sample ID:** Trip Blank

**York Sample ID:** 14A0764-22

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

14A0764

Deluxe

Water

January 22, 2014 3:00 pm

01/27/2014

### 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	2.5	5.0	1	EPA 8260C	02/03/2014 08:49	02/03/2014 12:48	RB
71-55-6	1,1,1-Trichloroethane	ND		ug/L	2.5	5.0	1	EPA 8260C	02/03/2014 08:49	02/03/2014 12:48	RB
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	2.5	5.0	1	EPA 8260C	02/03/2014 08:49	02/03/2014 12:48	RB
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/L	2.5	5.0	1	EPA 8260C	02/03/2014 08:49	02/03/2014 12:48	RB
79-00-5	1,1,2-Trichloroethane	ND		ug/L	2.5	5.0	1	EPA 8260C	02/03/2014 08:49	02/03/2014 12:48	RB
75-34-3	1,1-Dichloroethane	ND		ug/L	2.5	5.0	1	EPA 8260C	02/03/2014 08:49	02/03/2014 12:48	RB



### Sample Information

**Client Sample ID:** Trip Blank

**York Sample ID:** 14A0764-22

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

14A0764

Deluxe

Water

January 22, 2014 3:00 pm

01/27/2014

**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
75-35-4	1,1-Dichloroethylene	ND		ug/L	2.5	5.0	1	EPA 8260C	02/03/2014 08:49	02/03/2014 12:48	RB
563-58-6	1,1-Dichloropropylene	ND		ug/L	2.5	5.0	1	EPA 8260C	02/03/2014 08:49	02/03/2014 12:48	RB
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	2.5	5.0	1	EPA 8260C	02/03/2014 08:49	02/03/2014 12:48	RB
96-18-4	1,2,3-Trichloropropane	ND		ug/L	2.5	5.0	1	EPA 8260C	02/03/2014 08:49	02/03/2014 12:48	RB
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	2.5	5.0	1	EPA 8260C	02/03/2014 08:49	02/03/2014 12:48	RB
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	2.5	5.0	1	EPA 8260C	02/03/2014 08:49	02/03/2014 12:48	RB
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	2.5	5.0	1	EPA 8260C	02/03/2014 08:49	02/03/2014 12:48	RB
106-93-4	1,2-Dibromoethane	ND		ug/L	2.5	5.0	1	EPA 8260C	02/03/2014 08:49	02/03/2014 12:48	RB
95-50-1	1,2-Dichlorobenzene	ND		ug/L	2.5	5.0	1	EPA 8260C	02/03/2014 08:49	02/03/2014 12:48	RB
107-06-2	1,2-Dichloroethane	ND		ug/L	2.5	5.0	1	EPA 8260C	02/03/2014 08:49	02/03/2014 12:48	RB
78-87-5	1,2-Dichloropropane	ND		ug/L	2.5	5.0	1	EPA 8260C	02/03/2014 08:49	02/03/2014 12:48	RB
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	2.5	5.0	1	EPA 8260C	02/03/2014 08:49	02/03/2014 12:48	RB
541-73-1	1,3-Dichlorobenzene	ND		ug/L	2.5	5.0	1	EPA 8260C	02/03/2014 08:49	02/03/2014 12:48	RB
142-28-9	1,3-Dichloropropane	ND		ug/L	2.5	5.0	1	EPA 8260C	02/03/2014 08:49	02/03/2014 12:48	RB
106-46-7	1,4-Dichlorobenzene	ND		ug/L	2.5	5.0	1	EPA 8260C	02/03/2014 08:49	02/03/2014 12:48	RB
594-20-7	2,2-Dichloropropane	ND		ug/L	2.5	5.0	1	EPA 8260C	02/03/2014 08:49	02/03/2014 12:48	RB
78-93-3	2-Butanone	ND		ug/L	2.5	5.0	1	EPA 8260C	02/03/2014 08:49	02/03/2014 12:48	RB
95-49-8	2-Chlorotoluene	ND		ug/L	2.5	5.0	1	EPA 8260C	02/03/2014 08:49	02/03/2014 12:48	RB
106-43-4	4-Chlorotoluene	ND		ug/L	2.5	5.0	1	EPA 8260C	02/03/2014 08:49	02/03/2014 12:48	RB
67-64-1	Acetone	ND		ug/L	2.5	5.0	1	EPA 8260C	02/03/2014 08:49	02/03/2014 12:48	RB
71-43-2	Benzene	ND		ug/L	2.5	5.0	1	EPA 8260C	02/03/2014 08:49	02/03/2014 12:48	RB
108-86-1	Bromobenzene	ND		ug/L	2.5	5.0	1	EPA 8260C	02/03/2014 08:49	02/03/2014 12:48	RB
74-97-5	Bromochloromethane	ND		ug/L	2.5	5.0	1	EPA 8260C	02/03/2014 08:49	02/03/2014 12:48	RB
75-27-4	Bromodichloromethane	ND		ug/L	2.5	5.0	1	EPA 8260C	02/03/2014 08:49	02/03/2014 12:48	RB
75-25-2	Bromoform	ND		ug/L	2.5	5.0	1	EPA 8260C	02/03/2014 08:49	02/03/2014 12:48	RB
74-83-9	Bromomethane	ND		ug/L	2.5	5.0	1	EPA 8260C	02/03/2014 08:49	02/03/2014 12:48	RB
56-23-5	Carbon tetrachloride	ND		ug/L	2.5	5.0	1	EPA 8260C	02/03/2014 08:49	02/03/2014 12:48	RB
108-90-7	Chlorobenzene	ND		ug/L	2.5	5.0	1	EPA 8260C	02/03/2014 08:49	02/03/2014 12:48	RB
75-00-3	Chloroethane	ND		ug/L	2.5	5.0	1	EPA 8260C	02/03/2014 08:49	02/03/2014 12:48	RB
67-66-3	Chloroform	ND		ug/L	2.5	5.0	1	EPA 8260C	02/03/2014 08:49	02/03/2014 12:48	RB
74-87-3	Chloromethane	ND		ug/L	2.5	5.0	1	EPA 8260C	02/03/2014 08:49	02/03/2014 12:48	RB



## Sample Information

**Client Sample ID:** Trip Blank

**York Sample ID:** 14A0764-22

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

14A0764

Deluxe

Water

January 22, 2014 3:00 pm

01/27/2014

**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
156-59-2	cis-1,2-Dichloroethylene	ND		ug/L	2.5	5.0	1	EPA 8260C	02/03/2014 08:49	02/03/2014 12:48	RB
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	2.5	5.0	1	EPA 8260C	02/03/2014 08:49	02/03/2014 12:48	RB
124-48-1	Dibromochloromethane	ND		ug/L	2.5	5.0	1	EPA 8260C	02/03/2014 08:49	02/03/2014 12:48	RB
74-95-3	Dibromomethane	ND		ug/L	2.5	5.0	1	EPA 8260C	02/03/2014 08:49	02/03/2014 12:48	RB
75-71-8	Dichlorodifluoromethane	ND		ug/L	2.5	5.0	1	EPA 8260C	02/03/2014 08:49	02/03/2014 12:48	RB
100-41-4	Ethyl Benzene	ND		ug/L	2.5	5.0	1	EPA 8260C	02/03/2014 08:49	02/03/2014 12:48	RB
87-68-3	Hexachlorobutadiene	ND		ug/L	2.5	5.0	1	EPA 8260C	02/03/2014 08:49	02/03/2014 12:48	RB
98-82-8	Isopropylbenzene	ND		ug/L	2.5	5.0	1	EPA 8260C	02/03/2014 08:49	02/03/2014 12:48	RB
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	2.5	5.0	1	EPA 8260C	02/03/2014 08:49	02/03/2014 12:48	RB
75-09-2	Methylene chloride	ND		ug/L	2.5	5.0	1	EPA 8260C	02/03/2014 08:49	02/03/2014 12:48	RB
91-20-3	Naphthalene	ND		ug/L	2.5	5.0	1	EPA 8260C	02/03/2014 08:49	02/03/2014 12:48	RB
104-51-8	n-Butylbenzene	ND		ug/L	2.5	5.0	1	EPA 8260C	02/03/2014 08:49	02/03/2014 12:48	RB
103-65-1	n-Propylbenzene	ND		ug/L	2.5	5.0	1	EPA 8260C	02/03/2014 08:49	02/03/2014 12:48	RB
95-47-6	o-Xylene	ND		ug/L	2.5	5.0	1	EPA 8260C	02/03/2014 08:49	02/03/2014 12:48	RB
179601-23-1	p- & m- Xylenes	ND		ug/L	5.0	10	1	EPA 8260C	02/03/2014 08:49	02/03/2014 12:48	RB
99-87-6	p-Isopropyltoluene	ND		ug/L	2.5	5.0	1	EPA 8260C	02/03/2014 08:49	02/03/2014 12:48	RB
135-98-8	sec-Butylbenzene	ND		ug/L	2.5	5.0	1	EPA 8260C	02/03/2014 08:49	02/03/2014 12:48	RB
100-42-5	Styrene	ND		ug/L	2.5	5.0	1	EPA 8260C	02/03/2014 08:49	02/03/2014 12:48	RB
98-06-6	tert-Butylbenzene	ND		ug/L	2.5	5.0	1	EPA 8260C	02/03/2014 08:49	02/03/2014 12:48	RB
127-18-4	Tetrachloroethylene	ND		ug/L	2.5	5.0	1	EPA 8260C	02/03/2014 08:49	02/03/2014 12:48	RB
108-88-3	Toluene	ND		ug/L	2.5	5.0	1	EPA 8260C	02/03/2014 08:49	02/03/2014 12:48	RB
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	2.5	5.0	1	EPA 8260C	02/03/2014 08:49	02/03/2014 12:48	RB
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	2.5	5.0	1	EPA 8260C	02/03/2014 08:49	02/03/2014 12:48	RB
79-01-6	Trichloroethylene	ND		ug/L	2.5	5.0	1	EPA 8260C	02/03/2014 08:49	02/03/2014 12:48	RB
75-69-4	Trichlorofluoromethane	ND		ug/L	2.5	5.0	1	EPA 8260C	02/03/2014 08:49	02/03/2014 12:48	RB
75-01-4	Vinyl Chloride	ND		ug/L	2.5	5.0	1	EPA 8260C	02/03/2014 08:49	02/03/2014 12:48	RB
1330-20-7	Xylenes, Total	ND		ug/L	7.5	15	1	EPA 8260C	02/03/2014 08:49	02/03/2014 12:48	RB
108-05-4	Vinyl acetate	ND		ug/L	2.5	5.0	1	EPA 8260C	02/03/2014 08:49	02/03/2014 12:48	RB

**Surrogate Recoveries**

**Result**

**Acceptance Range**

17060-07-0	Surrogate: 1,2-Dichloroethane-d4	98.9 %	78-122
460-00-4	Surrogate: p-Bromofluorobenzene	91.0 %	87-112
2037-26-5	Surrogate: Toluene-d8	107 %	91-110



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### Sample Information

**Client Sample ID:** Trip Blank

**York Sample ID:** 14A0764-22

York Project (SDG) No.  
14A0764

Client Project ID  
Deluxe

Matrix  
Water

Collection Date/Time  
January 22, 2014 3:00 pm

Date Received  
01/27/2014

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## Analytical Batch Summary

**Batch ID:** BA41225

**Preparation Method:** EPA 5030B

**Prepared By:** BGS

YORK Sample ID	Client Sample ID	Preparation Date
14A0764-01	MW-3A	01/31/14
14A0764-02	MW-3B	01/31/14
14A0764-03	MW-3C	01/31/14
14A0764-04	MW-4A	01/31/14
14A0764-05	MW-4B	01/31/14
14A0764-06	MW-4C	01/31/14
14A0764-07	MW-5A	01/31/14
14A0764-08	MW-5D	01/31/14
14A0764-09	MW-6A	01/31/14
14A0764-10	MW-6D	01/31/14
14A0764-11	MW-7A	01/31/14
14A0764-12	MW-7D	01/31/14
BA41225-BLK1	Blank	01/31/14
BA41225-BS1	LCS	01/31/14
BA41225-BSD1	LCS Dup	01/31/14
BA41225-MS1	Matrix Spike	01/31/14
BA41225-MSD1	Matrix Spike Dup	01/31/14

**Batch ID:** BB40047

**Preparation Method:** EPA 5030B

**Prepared By:** BGS

YORK Sample ID	Client Sample ID	Preparation Date
14A0764-13	MW-1A	02/03/14
14A0764-14	MW-1B	02/03/14
14A0764-15	MW-1C	02/03/14
14A0764-16	MW-1D	02/03/14
14A0764-17	MW-2A	02/03/14
BB40047-BLK1	Blank	02/03/14
BB40047-BS1	LCS	02/03/14
BB40047-BSD1	LCS Dup	02/03/14

**Batch ID:** BB40048

**Preparation Method:** EPA 5030B

**Prepared By:** BGS

YORK Sample ID	Client Sample ID	Preparation Date
14A0764-18	MW-2B	02/03/14
14A0764-19	MW-2C	02/03/14
14A0764-20	Field Duplicate	02/03/14
14A0764-21	Field Blank	02/03/14
14A0764-22	Trip Blank	02/03/14
BB40048-BLK1	Blank	02/03/14
BB40048-BS1	LCS	02/03/14
BB40048-BSD1	LCS Dup	02/03/14





**Volatile Organic Compounds by GC/MS - Quality Control Data**  
**York Analytical Laboratories, Inc.**

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
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**Batch BA41225 - EPA 5030B**

**Blank (BA41225-BLK1)**

Prepared & Analyzed: 01/31/2014

1,1,1,2-Tetrachloroethane	ND	5.0	ug/L								
1,1,1-Trichloroethane	ND	5.0	"								
1,1,2,2-Tetrachloroethane	ND	5.0	"								
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	5.0	"								
1,1,2-Trichloroethane	ND	5.0	"								
1,1-Dichloroethane	ND	5.0	"								
1,1-Dichloroethylene	ND	5.0	"								
1,1-Dichloropropylene	ND	5.0	"								
1,2,3-Trichlorobenzene	ND	5.0	"								
1,2,3-Trichloropropane	ND	5.0	"								
1,2,4-Trichlorobenzene	ND	5.0	"								
1,2,4-Trimethylbenzene	ND	5.0	"								
1,2-Dibromo-3-chloropropane	ND	5.0	"								
1,2-Dibromoethane	ND	5.0	"								
1,2-Dichlorobenzene	ND	5.0	"								
1,2-Dichloroethane	ND	5.0	"								
1,2-Dichloropropane	ND	5.0	"								
1,3,5-Trimethylbenzene	ND	5.0	"								
1,3-Dichlorobenzene	ND	5.0	"								
1,3-Dichloropropane	ND	5.0	"								
1,4-Dichlorobenzene	ND	5.0	"								
2,2-Dichloropropane	ND	5.0	"								
2-Butanone	ND	5.0	"								
2-Chlorotoluene	ND	5.0	"								
4-Chlorotoluene	ND	5.0	"								
Acetone	ND	5.0	"								
Benzene	ND	5.0	"								
Bromobenzene	ND	5.0	"								
Bromochloromethane	ND	5.0	"								
Bromodichloromethane	ND	5.0	"								
Bromoform	ND	5.0	"								
Bromomethane	ND	5.0	"								
Carbon tetrachloride	ND	5.0	"								
Chlorobenzene	ND	5.0	"								
Chloroethane	ND	5.0	"								
Chloroform	ND	5.0	"								
Chloromethane	ND	5.0	"								
cis-1,2-Dichloroethylene	ND	5.0	"								
cis-1,3-Dichloropropylene	ND	5.0	"								
Dibromochloromethane	ND	5.0	"								
Dibromomethane	ND	5.0	"								
Dichlorodifluoromethane	ND	5.0	"								
Ethyl Benzene	ND	5.0	"								
Hexachlorobutadiene	ND	5.0	"								
Isopropylbenzene	ND	5.0	"								
Methyl tert-butyl ether (MTBE)	ND	5.0	"								
Methylene chloride	ND	5.0	"								
Naphthalene	2.7	5.0	"								
n-Butylbenzene	ND	5.0	"								
n-Propylbenzene	ND	5.0	"								
o-Xylene	ND	5.0	"								



**Volatile Organic Compounds by GC/MS - Quality Control Data**

**York Analytical Laboratories, Inc.**

Analyte	Result	Reporting	Units	Spike Level	Source*	%REC	%REC Limits	Flag	RPD	RPD	Flag
		Limit			Result					Limit	

**Batch BA41225 - EPA 5030B**

**Blank (BA41225-BLK1)**

Prepared & Analyzed: 01/31/2014

p- & m- Xylenes	ND	10	ug/L								
p-Isopropyltoluene	ND	5.0	"								
sec-Butylbenzene	ND	5.0	"								
Styrene	ND	5.0	"								
tert-Butylbenzene	ND	5.0	"								
Tetrachloroethylene	ND	5.0	"								
Toluene	ND	5.0	"								
trans-1,2-Dichloroethylene	ND	5.0	"								
trans-1,3-Dichloropropylene	ND	5.0	"								
Trichloroethylene	ND	5.0	"								
Trichlorofluoromethane	ND	5.0	"								
Vinyl Chloride	ND	5.0	"								
Xylenes, Total	ND	15	"								
Vinyl acetate	ND	5.0	"								
<i>Surrogate: 1,2-Dichloroethane-d4</i>	<i>50.7</i>		<i>"</i>	<i>50.0</i>		<i>101</i>	<i>78-122</i>				
<i>Surrogate: p-Bromofluorobenzene</i>	<i>52.2</i>		<i>"</i>	<i>50.0</i>		<i>104</i>	<i>87-112</i>				
<i>Surrogate: Toluene-d8</i>	<i>49.2</i>		<i>"</i>	<i>50.0</i>		<i>98.4</i>	<i>91-110</i>				

**LCS (BA41225-BS1)**

Prepared & Analyzed: 01/31/2014

1,1,1,2-Tetrachloroethane	47		ug/L	50.0		94.5	90-116				
1,1,1-Trichloroethane	48		"	50.0		95.9	83-125				
1,1,2,2-Tetrachloroethane	44		"	50.0		88.4	84-122				
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	43		"	50.0		85.6	66-141				
1,1,2-Trichloroethane	46		"	50.0		92.6	83-116				
1,1-Dichloroethane	47		"	50.0		94.8	82-121				
1,1-Dichloroethylene	41		"	50.0		82.9	59-135				
1,1-Dichloropropylene	46		"	50.0		92.1	81-112				
1,2,3-Trichlorobenzene	51		"	50.0		102	74-132				
1,2,3-Trichloropropane	46		"	50.0		92.9	83-118				
1,2,4-Trichlorobenzene	49		"	50.0		97.3	72-133				
1,2,4-Trimethylbenzene	45		"	50.0		90.6	82-119				
1,2-Dibromo-3-chloropropane	45		"	50.0		89.7	69-134				
1,2-Dibromoethane	49		"	50.0		97.6	85-118				
1,2-Dichlorobenzene	47		"	50.0		93.5	87-116				
1,2-Dichloroethane	50		"	50.0		99.2	79-125				
1,2-Dichloropropane	45		"	50.0		89.3	82-119				
1,3,5-Trimethylbenzene	45		"	50.0		90.5	84-120				
1,3-Dichlorobenzene	46		"	50.0		93.0	85-116				
1,3-Dichloropropane	47		"	50.0		93.0	86-114				
1,4-Dichlorobenzene	47		"	50.0		93.8	84-116				
2,2-Dichloropropane	44		"	50.0		89.0	56-138				
2-Butanone	43		"	50.0		85.3	59-127				
2-Chlorotoluene	44		"	50.0		88.2	82-117				
4-Chlorotoluene	45		"	50.0		89.1	84-118				
Acetone	36		"	50.0		71.7	30-112				
Benzene	47		"	50.0		93.6	88-113				
Bromobenzene	44		"	50.0		88.5	85-117				
Bromochloromethane	47		"	50.0		94.2	80-120				
Bromodichloromethane	47		"	50.0		93.1	87-122				
Bromoform	48		"	50.0		96.8	83-127				
Bromomethane	23		"	50.0		47.0	36-135				
Carbon tetrachloride	49		"	50.0		98.5	82-128				



**Volatile Organic Compounds by GC/MS - Quality Control Data**

**York Analytical Laboratories, Inc.**

Analyte	Result	Reporting	Units	Spike Level	Source*	%REC	%REC Limits	Flag	RPD	RPD	Flag
		Limit			Result					Limit	

**Batch BA41225 - EPA 5030B**

**LCS (BA41225-BS1)**

Prepared & Analyzed: 01/31/2014

Chlorobenzene	48		ug/L	50.0		95.3	90-111				
Chloroethane	39		"	50.0		78.8	60-132				
Chloroform	49		"	50.0		97.7	89-116				
Chloromethane	30		"	50.0		59.1	39-131				
cis-1,2-Dichloroethylene	49		"	50.0		98.6	90-112				
cis-1,3-Dichloropropylene	44		"	50.0		87.4	89-124	Low Bias			
Dibromochloromethane	49		"	50.0		97.3	82-132				
Dibromomethane	48		"	50.0		96.1	83-124				
Dichlorodifluoromethane	42		"	50.0		85.0	10-143				
Ethyl Benzene	46		"	50.0		91.6	91-117				
Hexachlorobutadiene	48		"	50.0		95.9	83-129				
Isopropylbenzene	46		"	50.0		91.1	82-122				
Methyl tert-butyl ether (MTBE)	47		"	50.0		94.3	59-135				
Methylene chloride	45		"	50.0		89.7	51-136				
Naphthalene	52		"	50.0		104	61-147				
n-Butylbenzene	44		"	50.0		87.5	79-122				
n-Propylbenzene	44		"	50.0		88.6	80-123				
o-Xylene	46		"	50.0		91.4	91-110				
p- & m- Xylenes	91		"	100		90.7	86-118				
p-Isopropyltoluene	46		"	50.0		91.6	83-125				
sec-Butylbenzene	46		"	50.0		91.7	82-127				
Styrene	45		"	50.0		90.3	88-121				
tert-Butylbenzene	46		"	50.0		92.6	70-130				
Tetrachloroethylene	53		"	50.0		107	67-138				
Toluene	46		"	50.0		92.2	88-113				
trans-1,2-Dichloroethylene	47		"	50.0		94.9	73-123				
trans-1,3-Dichloropropylene	44		"	50.0		87.7	85-123				
Trichloroethylene	48		"	50.0		95.0	83-120				
Trichlorofluoromethane	46		"	50.0		91.8	62-138				
Vinyl Chloride	39		"	50.0		78.2	49-127				
Vinyl acetate	40		"	50.0		79.4	21-90				
<i>Surrogate: 1,2-Dichloroethane-d4</i>	<i>50.5</i>		<i>"</i>	<i>50.0</i>		<i>101</i>	<i>78-122</i>				
<i>Surrogate: p-Bromofluorobenzene</i>	<i>50.3</i>		<i>"</i>	<i>50.0</i>		<i>101</i>	<i>87-112</i>				
<i>Surrogate: Toluene-d8</i>	<i>49.2</i>		<i>"</i>	<i>50.0</i>		<i>98.4</i>	<i>91-110</i>				



**Volatile Organic Compounds by GC/MS - Quality Control Data**

**York Analytical Laboratories, Inc.**

Analyte	Result	Reporting	Spike	Source*	%REC	%REC	Flag	RPD		
		Limit						Units	Level	Result
<b>Batch BA41225 - EPA 5030B</b>										
<b>LCS Dup (BA41225-BSD1)</b>										
Prepared & Analyzed: 01/31/2014										
1,1,1,2-Tetrachloroethane	48		ug/L	50.0	96.2	90-116		1.80	30	
1,1,1-Trichloroethane	49		"	50.0	97.7	83-125		1.94	30	
1,1,2,2-Tetrachloroethane	45		"	50.0	89.7	84-122		1.44	30	
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	43		"	50.0	87.0	66-141		1.58	30	
1,1,2-Trichloroethane	46		"	50.0	92.1	83-116		0.585	30	
1,1-Dichloroethane	48		"	50.0	95.1	82-121		0.337	30	
1,1-Dichloroethylene	42		"	50.0	84.3	59-135		1.67	30	
1,1-Dichloropropylene	47		"	50.0	93.4	81-112		1.42	30	
1,2,3-Trichlorobenzene	50		"	50.0	99.8	74-132		2.06	30	
1,2,3-Trichloropropane	46		"	50.0	91.4	83-118		1.69	30	
1,2,4-Trichlorobenzene	46		"	50.0	92.8	72-133		4.74	30	
1,2,4-Trimethylbenzene	45		"	50.0	90.7	82-119		0.0883	30	
1,2-Dibromo-3-chloropropane	45		"	50.0	89.5	69-134		0.223	30	
1,2-Dibromoethane	48		"	50.0	95.8	85-118		1.82	30	
1,2-Dichlorobenzene	47		"	50.0	93.5	87-116		0.0214	30	
1,2-Dichloroethane	48		"	50.0	95.5	79-125		3.80	30	
1,2-Dichloropropane	45		"	50.0	89.7	82-119		0.447	30	
1,3,5-Trimethylbenzene	46		"	50.0	92.5	84-120		2.16	30	
1,3-Dichlorobenzene	46		"	50.0	92.5	85-116		0.561	30	
1,3-Dichloropropane	46		"	50.0	92.0	86-114		1.10	30	
1,4-Dichlorobenzene	47		"	50.0	93.4	84-116		0.385	30	
2,2-Dichloropropane	45		"	50.0	89.4	56-138		0.449	30	
2-Butanone	45		"	50.0	90.0	59-127		5.45	30	
2-Chlorotoluene	45		"	50.0	90.0	82-117		2.04	30	
4-Chlorotoluene	45		"	50.0	89.7	84-118		0.627	30	
Acetone	34		"	50.0	68.0	30-112		5.27	30	
Benzene	48		"	50.0	95.5	88-113		2.07	30	
Bromobenzene	45		"	50.0	89.3	85-117		0.855	30	
Bromochloromethane	46		"	50.0	92.7	80-120		1.65	30	
Bromodichloromethane	47		"	50.0	93.8	87-122		0.771	30	
Bromoform	48		"	50.0	96.5	83-127		0.248	30	
Bromomethane	23		"	50.0	46.2	36-135		1.63	30	
Carbon tetrachloride	49		"	50.0	97.7	82-128		0.795	30	
Chlorobenzene	47		"	50.0	94.2	90-111		1.08	30	
Chloroethane	41		"	50.0	82.3	60-132		4.42	30	
Chloroform	49		"	50.0	97.6	89-116		0.0614	30	
Chloromethane	32		"	50.0	63.2	39-131		6.77	30	
cis-1,2-Dichloroethylene	50		"	50.0	99.5	90-112		0.868	30	
cis-1,3-Dichloropropylene	43		"	50.0	86.7	89-124	Low Bias	0.735	30	
Dibromochloromethane	48		"	50.0	96.1	82-132		1.26	30	
Dibromomethane	47		"	50.0	94.7	83-124		1.53	30	
Dichlorodifluoromethane	43		"	50.0	85.2	10-143		0.235	30	
Ethyl Benzene	46		"	50.0	91.7	91-117		0.109	30	
Hexachlorobutadiene	48		"	50.0	96.7	83-129		0.831	30	
Isopropylbenzene	47		"	50.0	93.1	82-122		2.17	30	
Methyl tert-butyl ether (MTBE)	46		"	50.0	91.5	59-135		3.04	30	
Methylene chloride	43		"	50.0	86.7	51-136		3.42	30	
Naphthalene	50		"	50.0	101	61-147		3.04	30	
n-Butylbenzene	43		"	50.0	87.0	79-122		0.619	30	
n-Propylbenzene	45		"	50.0	90.3	80-123		1.88	30	
o-Xylene	46		"	50.0	91.5	91-110		0.109	30	



**Volatile Organic Compounds by GC/MS - Quality Control Data**

**York Analytical Laboratories, Inc.**

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
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**Batch BA41225 - EPA 5030B**

**LCS Dup (BA41225-BSD1)**

Prepared & Analyzed: 01/31/2014

p- & m- Xylenes	90		ug/L	100		90.2	86-118		0.586	30	
p-Isopropyltoluene	46		"	50.0		92.3	83-125		0.783	30	
sec-Butylbenzene	47		"	50.0		93.6	82-127		2.14	30	
Styrene	45		"	50.0		90.3	88-121		0.0443	30	
tert-Butylbenzene	47		"	50.0		94.7	70-130		2.28	30	
Tetrachloroethylene	54		"	50.0		109	67-138		1.87	30	
Toluene	46		"	50.0		92.2	88-113		0.0217	30	
trans-1,2-Dichloroethylene	47		"	50.0		93.9	73-123		1.02	30	
trans-1,3-Dichloropropylene	43		"	50.0		86.6	85-123		1.19	30	
Trichloroethylene	47		"	50.0		94.2	83-120		0.909	30	
Trichlorofluoromethane	46		"	50.0		92.2	62-138		0.522	30	
Vinyl Chloride	40		"	50.0		79.8	49-127		1.98	30	
Vinyl acetate	38		"	50.0		76.2	21-90		4.06	30	
<i>Surrogate: 1,2-Dichloroethane-d4</i>	<i>49.7</i>		<i>"</i>	<i>50.0</i>		<i>99.3</i>	<i>78-122</i>				
<i>Surrogate: p-Bromofluorobenzene</i>	<i>51.6</i>		<i>"</i>	<i>50.0</i>		<i>103</i>	<i>87-112</i>				
<i>Surrogate: Toluene-d8</i>	<i>49.0</i>		<i>"</i>	<i>50.0</i>		<i>98.1</i>	<i>91-110</i>				

**Matrix Spike (BA41225-MS1)**

\*Source sample: 14A0764-02 (MW-3B)

Prepared: 01/31/2014 Analyzed: 02/01/2014

1,1,1,2-Tetrachloroethane	48		ug/L	50.0	ND	95.7	92-113				
1,1,1-Trichloroethane	48		"	50.0	ND	96.7	80-129				
1,1,2,2-Tetrachloroethane	44		"	50.0	ND	88.6	81-124				
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	44		"	50.0	ND	87.1	65-141				
1,1,2-Trichloroethane	47		"	50.0	ND	94.1	85-114				
1,1-Dichloroethane	47		"	50.0	ND	94.0	76-129				
1,1-Dichloroethylene	41		"	50.0	ND	82.2	56-138				
1,1-Dichloropropylene	46		"	50.0	ND	92.8	78-115				
1,2,3-Trichlorobenzene	41		"	50.0	ND	81.5	60-134				
1,2,3-Trichloropropane	43		"	50.0	ND	87.0	84-115				
1,2,4-Trichlorobenzene	38		"	50.0	ND	75.5	54-134				
1,2,4-Trimethylbenzene	42		"	50.0	ND	84.3	75-120				
1,2-Dibromo-3-chloropropane	43		"	50.0	ND	85.1	72-125				
1,2-Dibromoethane	48		"	50.0	ND	95.9	89-114				
1,2-Dichlorobenzene	44		"	50.0	ND	88.0	80-117				
1,2-Dichloroethane	48		"	50.0	ND	96.1	76-132				
1,2-Dichloropropane	46		"	50.0	ND	91.1	84-120				
1,3,5-Trimethylbenzene	44		"	50.0	ND	87.0	66-130				
1,3-Dichlorobenzene	43		"	50.0	ND	85.8	72-121				
1,3-Dichloropropane	46		"	50.0	ND	92.9	86-114				
1,4-Dichlorobenzene	43		"	50.0	ND	85.7	71-120				
2,2-Dichloropropane	43		"	50.0	ND	86.8	40-138				
2-Butanone	44		"	50.0	ND	88.8	41-143				
2-Chlorotoluene	42		"	50.0	ND	84.3	76-118				
4-Chlorotoluene	41		"	50.0	ND	82.8	73-123				
Acetone	32		"	50.0	ND	64.9	15-115				
Benzene	47		"	50.0	ND	94.8	84-119				
Bromobenzene	43		"	50.0	ND	85.7	80-117				
Bromochloromethane	47		"	50.0	ND	94.8	84-120				
Bromodichloromethane	47		"	50.0	ND	94.5	86-124				
Bromoform	46		"	50.0	ND	93.0	79-124				
Bromomethane	26		"	50.0	ND	51.7	25-132				
Carbon tetrachloride	49		"	50.0	ND	97.1	79-131				
Chlorobenzene	47		"	50.0	ND	93.5	88-112				



Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting	Units	Spike	Source*	%REC	%REC	Limits	Flag	RPD	Flag
		Limit			Result					RPD	

Batch BA41225 - EPA 5030B

Matrix Spike (BA41225-MS1) \*Source sample: 14A0764-02 (MW-3B) Prepared: 01/31/2014 Analyzed: 02/01/2014

Chloroethane	40		ug/L	50.0	ND	80.0	66-128			
Chloroform	49		"	50.0	ND	97.9	84-123			
Chloromethane	31		"	50.0	ND	61.5	46-117			
cis-1,2-Dichloroethylene	50		"	50.0	ND	99.2	85-119			
cis-1,3-Dichloropropylene	43		"	50.0	ND	86.4	83-123			
Dibromochloromethane	48		"	50.0	ND	95.7	91-121			
Dibromomethane	47		"	50.0	ND	94.9	86-124			
Dichlorodifluoromethane	42		"	50.0	ND	83.6	10-139			
Ethyl Benzene	45		"	50.0	ND	90.3	89-117			
Hexachlorobutadiene	44		"	50.0	ND	87.8	71-134			
Isopropylbenzene	44		"	50.0	ND	88.6	76-122			
Methyl tert-butyl ether (MTBE)	46		"	50.0	ND	92.8	52-138			
Methylene chloride	44		"	50.0	ND	87.2	44-141			
Naphthalene	46		"	50.0	ND	92.0	47-149			
n-Butylbenzene	38		"	50.0	ND	76.5	70-122			
n-Propylbenzene	42		"	50.0	ND	84.0	71-123			
o-Xylene	45		"	50.0	ND	91.0	88-111			
p- & m- Xylenes	89		"	100	ND	88.5	83-118			
p-Isopropyltoluene	43		"	50.0	ND	85.1	72-128			
sec-Butylbenzene	44		"	50.0	ND	88.1	75-128			
Styrene	44		"	50.0	ND	87.6	83-121			
tert-Butylbenzene	45		"	50.0	ND	89.8	77-130			
Tetrachloroethylene	46		"	50.0	ND	92.6	69-113			
Toluene	46		"	50.0	ND	92.5	84-116			
trans-1,2-Dichloroethylene	47		"	50.0	ND	93.3	73-125			
trans-1,3-Dichloropropylene	43		"	50.0	ND	85.3	76-121			
Trichloroethylene	46		"	50.0	ND	91.8	81-122			
Trichlorofluoromethane	46		"	50.0	ND	91.6	63-137			
Vinyl Chloride	40		"	50.0	ND	79.2	54-119			
Vinyl acetate	34		"	50.0	ND	68.8	10-87			
Surrogate: 1,2-Dichloroethane-d4	50.1		"	50.0		100	78-122			
Surrogate: p-Bromofluorobenzene	49.9		"	50.0		99.8	87-112			
Surrogate: Toluene-d8	49.1		"	50.0		98.3	91-110			



**Volatile Organic Compounds by GC/MS - Quality Control Data**

**York Analytical Laboratories, Inc.**

Analyte	Result	Reporting	Spike	Source*	%REC	%REC	Flag	RPD		
		Limit						Units	Level	Result
<b>Batch BA41225 - EPA 5030B</b>										
<b>Matrix Spike Dup (BA41225-MSD1)</b>	*Source sample: 14A0764-02 (MW-3B)						Prepared: 01/31/2014 Analyzed: 02/01/2014			
1,1,1,2-Tetrachloroethane	47		ug/L	50.0	ND	93.1	92-113		2.80	30
1,1,1-Trichloroethane	49		"	50.0	ND	97.6	80-129		0.906	30
1,1,2,2-Tetrachloroethane	43		"	50.0	ND	85.6	81-124		3.40	30
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	43		"	50.0	ND	86.2	65-141		0.992	30
1,1,2-Trichloroethane	44		"	50.0	ND	88.7	85-114		5.91	30
1,1-Dichloroethane	47		"	50.0	ND	93.5	76-129		0.555	30
1,1-Dichloroethylene	41		"	50.0	ND	82.2	56-138		0.0243	30
1,1-Dichloropropylene	46		"	50.0	ND	92.2	78-115		0.735	30
1,2,3-Trichlorobenzene	44		"	50.0	ND	88.0	60-134		7.67	30
1,2,3-Trichloropropane	43		"	50.0	ND	85.0	84-115		2.26	30
1,2,4-Trichlorobenzene	41		"	50.0	ND	81.8	54-134		7.98	30
1,2,4-Trimethylbenzene	43		"	50.0	ND	86.6	75-120		2.64	30
1,2-Dibromo-3-chloropropane	41		"	50.0	ND	82.5	72-125		3.13	30
1,2-Dibromoethane	46		"	50.0	ND	92.1	89-114		4.06	30
1,2-Dichlorobenzene	45		"	50.0	ND	89.1	80-117		1.29	30
1,2-Dichloroethane	47		"	50.0	ND	93.5	76-132		2.72	30
1,2-Dichloropropane	44		"	50.0	ND	88.2	84-120		3.19	30
1,3,5-Trimethylbenzene	44		"	50.0	ND	88.1	66-130		1.23	30
1,3-Dichlorobenzene	44		"	50.0	ND	87.4	72-121		1.83	30
1,3-Dichloropropane	44		"	50.0	ND	88.6	86-114		4.67	30
1,4-Dichlorobenzene	44		"	50.0	ND	88.9	71-120		3.60	30
2,2-Dichloropropane	43		"	50.0	ND	85.3	40-138		1.74	30
2-Butanone	39		"	50.0	ND	77.9	41-143		13.0	30
2-Chlorotoluene	43		"	50.0	ND	85.3	76-118		1.27	30
4-Chlorotoluene	43		"	50.0	ND	85.3	73-123		2.93	30
Acetone	32		"	50.0	ND	63.6	15-115		2.06	30
Benzene	47		"	50.0	ND	93.8	84-119		1.06	30
Bromobenzene	43		"	50.0	ND	86.0	80-117		0.349	30
Bromochloromethane	46		"	50.0	ND	92.2	84-120		2.76	30
Bromodichloromethane	46		"	50.0	ND	92.5	86-124		2.14	30
Bromoform	45		"	50.0	ND	90.5	79-124		2.70	30
Bromomethane	26		"	50.0	ND	52.3	25-132		1.31	30
Carbon tetrachloride	49		"	50.0	ND	97.4	79-131		0.329	30
Chlorobenzene	46		"	50.0	ND	91.8	88-112		1.88	30
Chloroethane	42		"	50.0	ND	83.7	66-128		4.52	30
Chloroform	48		"	50.0	ND	95.7	84-123		2.25	30
Chloromethane	32		"	50.0	ND	63.8	46-117		3.74	30
cis-1,2-Dichloroethylene	49		"	50.0	ND	98.8	85-119		0.485	30
cis-1,3-Dichloropropylene	42		"	50.0	ND	83.5	83-123		3.37	30
Dibromochloromethane	47		"	50.0	ND	93.3	91-121		2.54	30
Dibromomethane	46		"	50.0	ND	92.2	86-124		2.86	30
Dichlorodifluoromethane	40		"	50.0	ND	80.7	10-139		3.53	30
Ethyl Benzene	45		"	50.0	ND	89.8	89-117		0.555	30
Hexachlorobutadiene	45		"	50.0	ND	89.9	71-134		2.36	30
Isopropylbenzene	45		"	50.0	ND	89.8	76-122		1.26	30
Methyl tert-butyl ether (MTBE)	45		"	50.0	ND	90.4	52-138		2.53	30
Methylene chloride	43		"	50.0	ND	86.7	44-141		0.552	30
Naphthalene	45		"	50.0	ND	90.9	47-149		1.25	30
n-Butylbenzene	41		"	50.0	ND	81.2	70-122		5.94	30
n-Propylbenzene	43		"	50.0	ND	86.4	71-123		2.82	30
o-Xylene	45		"	50.0	ND	89.2	88-111		1.93	30



Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
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**Batch BA41225 - EPA 5030B**

Matrix Spike Dup (BA41225-MSD1)	*Source sample: 14A0764-02 (MW-3B)				Prepared: 01/31/2014 Analyzed: 02/01/2014						
p- & m- Xylenes	88		ug/L	100	ND	87.7	83-118		0.999	30	
p-Isopropyltoluene	43		"	50.0	ND	86.6	72-128		1.75	30	
sec-Butylbenzene	45		"	50.0	ND	89.3	75-128		1.35	30	
Styrene	43		"	50.0	ND	86.8	83-121		0.963	30	
tert-Butylbenzene	46		"	50.0	ND	91.3	77-130		1.72	30	
Tetrachloroethylene	46		"	50.0	ND	92.8	69-113		0.151	30	
Toluene	45		"	50.0	ND	89.7	84-116		3.03	30	
trans-1,2-Dichloroethylene	46		"	50.0	ND	92.9	73-125		0.365	30	
trans-1,3-Dichloropropylene	41		"	50.0	ND	82.2	76-121		3.72	30	
Trichloroethylene	46		"	50.0	ND	92.0	81-122		0.196	30	
Trichlorofluoromethane	45		"	50.0	ND	89.9	63-137		1.89	30	
Vinyl Chloride	39		"	50.0	ND	78.9	54-119		0.354	30	
Vinyl acetate	33		"	50.0	ND	66.6	10-87		3.19	30	
Surrogate: 1,2-Dichloroethane-d4	50.4		"	50.0		101	78-122				
Surrogate: p-Bromofluorobenzene	50.4		"	50.0		101	87-112				
Surrogate: Toluene-d8	49.3		"	50.0		98.5	91-110				

**Batch BB40047 - EPA 5030B**

Blank (BB40047-BLK1)	Prepared & Analyzed: 02/03/2014										
1,1,1,2-Tetrachloroethane	ND	5.0	ug/L								
1,1,1-Trichloroethane	ND	5.0	"								
1,1,2,2-Tetrachloroethane	ND	5.0	"								
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	5.0	"								
1,1,2-Trichloroethane	ND	5.0	"								
1,1-Dichloroethane	ND	5.0	"								
1,1-Dichloroethylene	ND	5.0	"								
1,1-Dichloropropylene	ND	5.0	"								
1,2,3-Trichlorobenzene	ND	5.0	"								
1,2,3-Trichloropropane	ND	5.0	"								
1,2,4-Trichlorobenzene	ND	5.0	"								
1,2,4-Trimethylbenzene	ND	5.0	"								
1,2-Dibromo-3-chloropropane	ND	5.0	"								
1,2-Dibromoethane	ND	5.0	"								
1,2-Dichlorobenzene	ND	5.0	"								
1,2-Dichloroethane	ND	5.0	"								
1,2-Dichloropropane	ND	5.0	"								
1,3,5-Trimethylbenzene	ND	5.0	"								
1,3-Dichlorobenzene	ND	5.0	"								
1,3-Dichloropropane	ND	5.0	"								
1,4-Dichlorobenzene	ND	5.0	"								
2,2-Dichloropropane	ND	5.0	"								
2-Butanone	ND	5.0	"								
2-Chlorotoluene	ND	5.0	"								
4-Chlorotoluene	ND	5.0	"								
Acetone	5.2	5.0	"								
Benzene	ND	5.0	"								
Bromobenzene	ND	5.0	"								
Bromochloromethane	ND	5.0	"								
Bromodichloromethane	ND	5.0	"								
Bromoform	ND	5.0	"								
Bromomethane	ND	5.0	"								





**Volatile Organic Compounds by GC/MS - Quality Control Data**

**York Analytical Laboratories, Inc.**

Analyte	Result	Reporting	Units	Spike	Source*	%REC	%REC	Limits	Flag	RPD	RPD	Limit	Flag
		Limit								Limit			

**Batch BB40047 - EPA 5030B**

**Blank (BB40047-BLK1)**

Prepared & Analyzed: 02/03/2014

Carbon tetrachloride	ND	5.0	ug/L										
Chlorobenzene	ND	5.0	"										
Chloroethane	ND	5.0	"										
Chloroform	ND	5.0	"										
Chloromethane	ND	5.0	"										
cis-1,2-Dichloroethylene	ND	5.0	"										
cis-1,3-Dichloropropylene	ND	5.0	"										
Dibromochloromethane	ND	5.0	"										
Dibromomethane	ND	5.0	"										
Dichlorodifluoromethane	ND	5.0	"										
Ethyl Benzene	ND	5.0	"										
Hexachlorobutadiene	ND	5.0	"										
Isopropylbenzene	ND	5.0	"										
Methyl tert-butyl ether (MTBE)	ND	5.0	"										
Methylene chloride	ND	5.0	"										
Naphthalene	ND	5.0	"										
n-Butylbenzene	ND	5.0	"										
n-Propylbenzene	ND	5.0	"										
o-Xylene	ND	5.0	"										
p- & m- Xylenes	ND	10	"										
p-Isopropyltoluene	ND	5.0	"										
sec-Butylbenzene	ND	5.0	"										
Styrene	ND	5.0	"										
tert-Butylbenzene	ND	5.0	"										
Tetrachloroethylene	ND	5.0	"										
Toluene	ND	5.0	"										
trans-1,2-Dichloroethylene	ND	5.0	"										
trans-1,3-Dichloropropylene	ND	5.0	"										
Trichloroethylene	ND	5.0	"										
Trichlorofluoromethane	ND	5.0	"										
Vinyl Chloride	ND	5.0	"										
Xylenes, Total	ND	15	"										
Vinyl acetate	ND	5.0	"										
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Surrogate: 1,2-Dichloroethane-d4	54.8		"	50.0		110		78-122					
Surrogate: p-Bromofluorobenzene	48.1		"	50.0		96.2		87-112					
Surrogate: Toluene-d8	48.8		"	50.0		97.7		91-110					



**Volatile Organic Compounds by GC/MS - Quality Control Data**

**York Analytical Laboratories, Inc.**

Analyte	Result	Reporting	Spike	Source*	%REC	%REC	Limits	Flag	RPD	RPD	Limit	Flag
		Limit							Units			

**Batch BB40047 - EPA 5030B**

**LCS (BB40047-BS1)**

Prepared & Analyzed: 02/03/2014

1,1,1,2-Tetrachloroethane	51		ug/L	50.0		102	90-116					
1,1,1-Trichloroethane	52		"	50.0		103	83-125					
1,1,2,2-Tetrachloroethane	55		"	50.0		111	84-122					
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	46		"	50.0		92.9	66-141					
1,1,2-Trichloroethane	54		"	50.0		108	83-116					
1,1-Dichloroethane	52		"	50.0		105	82-121					
1,1-Dichloroethylene	47		"	50.0		93.0	59-135					
1,1-Dichloropropylene	51		"	50.0		103	81-112					
1,2,3-Trichlorobenzene	55		"	50.0		111	74-132					
1,2,3-Trichloropropane	53		"	50.0		106	83-118					
1,2,4-Trichlorobenzene	56		"	50.0		112	72-133					
1,2,4-Trimethylbenzene	51		"	50.0		101	82-119					
1,2-Dibromo-3-chloropropane	58		"	50.0		117	69-134					
1,2-Dibromoethane	53		"	50.0		106	85-118					
1,2-Dichlorobenzene	49		"	50.0		97.3	87-116					
1,2-Dichloroethane	53		"	50.0		106	79-125					
1,2-Dichloropropane	52		"	50.0		103	82-119					
1,3,5-Trimethylbenzene	51		"	50.0		102	84-120					
1,3-Dichlorobenzene	50		"	50.0		100	85-116					
1,3-Dichloropropane	52		"	50.0		105	86-114					
1,4-Dichlorobenzene	50		"	50.0		99.5	84-116					
2,2-Dichloropropane	54		"	50.0		108	56-138					
2-Butanone	68		"	50.0		137	59-127	High Bias				
2-Chlorotoluene	48		"	50.0		95.7	82-117					
4-Chlorotoluene	51		"	50.0		102	84-118					
Acetone	55		"	50.0		109	30-112					
Benzene	52		"	50.0		104	88-113					
Bromobenzene	53		"	50.0		106	85-117					
Bromochloromethane	47		"	50.0		93.5	80-120					
Bromodichloromethane	51		"	50.0		102	87-122					
Bromoform	54		"	50.0		108	83-127					
Bromomethane	40		"	50.0		79.7	36-135					
Carbon tetrachloride	52		"	50.0		103	82-128					
Chlorobenzene	50		"	50.0		99.4	90-111					
Chloroethane	46		"	50.0		92.8	60-132					
Chloroform	52		"	50.0		105	89-116					
Chloromethane	52		"	50.0		103	39-131					
cis-1,2-Dichloroethylene	49		"	50.0		98.4	90-112					
cis-1,3-Dichloropropylene	52		"	50.0		104	89-124					
Dibromochloromethane	51		"	50.0		103	82-132					
Dibromomethane	50		"	50.0		101	83-124					
Dichlorodifluoromethane	54		"	50.0		109	10-143					
Ethyl Benzene	50		"	50.0		101	91-117					
Hexachlorobutadiene	55		"	50.0		110	83-129					
Isopropylbenzene	50		"	50.0		99.1	82-122					
Methyl tert-butyl ether (MTBE)	56		"	50.0		112	59-135					
Methylene chloride	57		"	50.0		114	51-136					
Naphthalene	55		"	50.0		110	61-147					
n-Butylbenzene	52		"	50.0		103	79-122					
n-Propylbenzene	50		"	50.0		99.7	80-123					
o-Xylene	50		"	50.0		101	91-110					



Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
<b>Batch BB40047 - EPA 5030B</b>											
<b>LCS (BB40047-BS1)</b>											
Prepared & Analyzed: 02/03/2014											
p- & m- Xylenes	100		ug/L	100		100	86-118				
p-Isopropyltoluene	52		"	50.0		104	83-125				
sec-Butylbenzene	51		"	50.0		102	82-127				
Styrene	48		"	50.0		96.5	88-121				
tert-Butylbenzene	50		"	50.0		101	70-130				
Tetrachloroethylene	48		"	50.0		96.8	67-138				
Toluene	50		"	50.0		99.8	88-113				
trans-1,2-Dichloroethylene	52		"	50.0		105	73-123				
trans-1,3-Dichloropropylene	54		"	50.0		107	85-123				
Trichloroethylene	48		"	50.0		96.9	83-120				
Trichlorofluoromethane	54		"	50.0		108	62-138				
Vinyl Chloride	48		"	50.0		96.8	49-127				
Vinyl acetate	56		"	50.0		113	21-90	High Bias			
<i>Surrogate: 1,2-Dichloroethane-d4</i>	<i>51.1</i>		<i>"</i>	<i>50.0</i>		<i>102</i>	<i>78-122</i>				
<i>Surrogate: p-Bromofluorobenzene</i>	<i>49.1</i>		<i>"</i>	<i>50.0</i>		<i>98.2</i>	<i>87-112</i>				
<i>Surrogate: Toluene-d8</i>	<i>47.1</i>		<i>"</i>	<i>50.0</i>		<i>94.3</i>	<i>91-110</i>				
<b>LCS Dup (BB40047-BSD1)</b>											
Prepared & Analyzed: 02/03/2014											
1,1,1,2-Tetrachloroethane	51		ug/L	50.0		101	90-116		0.453	30	
1,1,1-Trichloroethane	54		"	50.0		107	83-125		3.76	30	
1,1,1,2-Tetrachloroethane	55		"	50.0		111	84-122		0.181	30	
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	47		"	50.0		93.7	66-141		0.836	30	
1,1,2-Trichloroethane	55		"	50.0		110	83-116		1.48	30	
1,1-Dichloroethane	57		"	50.0		115	82-121		8.76	30	
1,1-Dichloroethylene	46		"	50.0		91.2	59-135		1.93	30	
1,1-Dichloropropylene	54		"	50.0		108	81-112		4.94	30	
1,2,3-Trichlorobenzene	55		"	50.0		110	74-132		0.853	30	
1,2,3-Trichloropropane	52		"	50.0		105	83-118		1.21	30	
1,2,4-Trichlorobenzene	57		"	50.0		114	72-133		1.84	30	
1,2,4-Trimethylbenzene	51		"	50.0		103	82-119		1.51	30	
1,2-Dibromo-3-chloropropane	60		"	50.0		119	69-134		2.10	30	
1,2-Dibromoethane	55		"	50.0		109	85-118		3.63	30	
1,2-Dichlorobenzene	50		"	50.0		101	87-116		3.51	30	
1,2-Dichloroethane	54		"	50.0		109	79-125		2.55	30	
1,2-Dichloropropane	54		"	50.0		108	82-119		4.61	30	
1,3,5-Trimethylbenzene	53		"	50.0		106	84-120		3.61	30	
1,3-Dichlorobenzene	50		"	50.0		101	85-116		0.538	30	
1,3-Dichloropropane	55		"	50.0		110	86-114		4.75	30	
1,4-Dichlorobenzene	51		"	50.0		102	84-116		2.72	30	
2,2-Dichloropropane	56		"	50.0		111	56-138		2.94	30	
2-Butanone	74		"	50.0		148	59-127	High Bias	8.12	30	
2-Chlorotoluene	48		"	50.0		96.3	82-117		0.667	30	
4-Chlorotoluene	49		"	50.0		98.4	84-118		3.18	30	
Acetone	61		"	50.0		123	30-112	High Bias	11.6	30	
Benzene	54		"	50.0		109	88-113		4.50	30	
Bromobenzene	55		"	50.0		110	85-117		3.05	30	
Bromochloromethane	55		"	50.0		110	80-120		16.2	30	
Bromodichloromethane	53		"	50.0		106	87-122		3.69	30	
Bromoform	55		"	50.0		109	83-127		0.588	30	
Bromomethane	39		"	50.0		77.4	36-135		3.00	30	
Carbon tetrachloride	53		"	50.0		107	82-128		3.20	30	
Chlorobenzene	52		"	50.0		104	90-111		4.48	30	



Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
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Batch BB40047 - EPA 5030B

LCS Dup (BB40047-BSD1)

Prepared & Analyzed: 02/03/2014

Chloroethane	45		ug/L	50.0		90.3	60-132		2.75	30	
Chloroform	54		"	50.0		109	89-116		3.58	30	
Chloromethane	52		"	50.0		103	39-131		0.213	30	
cis-1,2-Dichloroethylene	52		"	50.0		104	90-112		5.13	30	
cis-1,3-Dichloropropylene	54		"	50.0		108	89-124		3.21	30	
Dibromochloromethane	53		"	50.0		106	82-132		2.88	30	
Dibromomethane	52		"	50.0		104	83-124		3.21	30	
Dichlorodifluoromethane	56		"	50.0		111	10-143		2.11	30	
Ethyl Benzene	51		"	50.0		102	91-117		0.829	30	
Hexachlorobutadiene	54		"	50.0		108	83-129		2.11	30	
Isopropylbenzene	52		"	50.0		103	82-122		4.07	30	
Methyl tert-butyl ether (MTBE)	59		"	50.0		117	59-135		4.66	30	
Methylene chloride	58		"	50.0		116	51-136		1.92	30	
Naphthalene	57		"	50.0		114	61-147		3.54	30	
n-Butylbenzene	53		"	50.0		106	79-122		2.81	30	
n-Propylbenzene	51		"	50.0		103	80-123		2.79	30	
o-Xylene	52		"	50.0		105	91-110		3.81	30	
p- & m- Xylenes	100		"	100		104	86-118		3.64	30	
p-Isopropyltoluene	53		"	50.0		105	83-125		1.43	30	
sec-Butylbenzene	52		"	50.0		104	82-127		1.98	30	
Styrene	50		"	50.0		99.3	88-121		2.82	30	
tert-Butylbenzene	50		"	50.0		100	70-130		0.737	30	
Tetrachloroethylene	51		"	50.0		101	67-138		4.39	30	
Toluene	52		"	50.0		104	88-113		3.87	30	
trans-1,2-Dichloroethylene	54		"	50.0		109	73-123		3.88	30	
trans-1,3-Dichloropropylene	55		"	50.0		110	85-123		2.98	30	
Trichloroethylene	51		"	50.0		103	83-120		5.89	30	
Trichlorofluoromethane	56		"	50.0		111	62-138		3.14	30	
Vinyl Chloride	48		"	50.0		96.7	49-127		0.0827	30	
Vinyl acetate	59		"	50.0		119	21-90	High Bias	4.96	30	
Surrogate: 1,2-Dichloroethane-d4	52.4		"	50.0		105	78-122				
Surrogate: p-Bromofluorobenzene	50.4		"	50.0		101	87-112				
Surrogate: Toluene-d8	47.5		"	50.0		94.9	91-110				



**Volatile Organic Compounds by GC/MS - Quality Control Data**

**York Analytical Laboratories, Inc.**

Analyte	Result	Reporting	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD	Flag
		Limit								Limit	

**Batch BB40048 - EPA 5030B**

**Blank (BB40048-BLK1)**

Prepared & Analyzed: 02/03/2014

1,1,1,2-Tetrachloroethane	ND	5.0	ug/L
1,1,1-Trichloroethane	ND	5.0	"
1,1,2,2-Tetrachloroethane	ND	5.0	"
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	5.0	"
1,1,2-Trichloroethane	ND	5.0	"
1,1-Dichloroethane	ND	5.0	"
1,1-Dichloroethylene	ND	5.0	"
1,1-Dichloropropylene	ND	5.0	"
1,2,3-Trichlorobenzene	ND	5.0	"
1,2,3-Trichloropropane	ND	5.0	"
1,2,4-Trichlorobenzene	ND	5.0	"
1,2,4-Trimethylbenzene	ND	5.0	"
1,2-Dibromo-3-chloropropane	ND	5.0	"
1,2-Dibromoethane	ND	5.0	"
1,2-Dichlorobenzene	ND	5.0	"
1,2-Dichloroethane	ND	5.0	"
1,2-Dichloropropane	ND	5.0	"
1,3,5-Trimethylbenzene	ND	5.0	"
1,3-Dichlorobenzene	ND	5.0	"
1,3-Dichloropropane	ND	5.0	"
1,4-Dichlorobenzene	ND	5.0	"
2,2-Dichloropropane	ND	5.0	"
2-Butanone	ND	5.0	"
2-Chlorotoluene	ND	5.0	"
4-Chlorotoluene	ND	5.0	"
Acetone	ND	5.0	"
Benzene	ND	5.0	"
Bromobenzene	ND	5.0	"
Bromochloromethane	ND	5.0	"
Bromodichloromethane	ND	5.0	"
Bromoform	ND	5.0	"
Bromomethane	ND	5.0	"
Carbon tetrachloride	ND	5.0	"
Chlorobenzene	ND	5.0	"
Chloroethane	ND	5.0	"
Chloroform	ND	5.0	"
Chloromethane	ND	5.0	"
cis-1,2-Dichloroethylene	ND	5.0	"
cis-1,3-Dichloropropylene	ND	5.0	"
Dibromochloromethane	ND	5.0	"
Dibromomethane	ND	5.0	"
Dichlorodifluoromethane	ND	5.0	"
Ethyl Benzene	ND	5.0	"
Hexachlorobutadiene	ND	5.0	"
Isopropylbenzene	ND	5.0	"
Methyl tert-butyl ether (MTBE)	ND	5.0	"
Methylene chloride	ND	5.0	"
Naphthalene	ND	5.0	"
n-Butylbenzene	ND	5.0	"
n-Propylbenzene	ND	5.0	"
o-Xylene	ND	5.0	"



**Volatile Organic Compounds by GC/MS - Quality Control Data**

**York Analytical Laboratories, Inc.**

Analyte	Result	Reporting	Units	Spike Level	Source*	%REC	%REC Limits	Flag	RPD	RPD	Flag
		Limit			Result					Limit	

**Batch BB40048 - EPA 5030B**

**Blank (BB40048-BLK1)**

Prepared & Analyzed: 02/03/2014

p- & m- Xylenes	ND	10	ug/L								
p-Isopropyltoluene	ND	5.0	"								
sec-Butylbenzene	ND	5.0	"								
Styrene	ND	5.0	"								
tert-Butylbenzene	ND	5.0	"								
Tetrachloroethylene	ND	5.0	"								
Toluene	ND	5.0	"								
trans-1,2-Dichloroethylene	ND	5.0	"								
trans-1,3-Dichloropropylene	ND	5.0	"								
Trichloroethylene	ND	5.0	"								
Trichlorofluoromethane	ND	5.0	"								
Vinyl Chloride	ND	5.0	"								
Xylenes, Total	ND	15	"								
Vinyl acetate	ND	5.0	"								
<i>Surrogate: 1,2-Dichloroethane-d4</i>	50.9		"	50.0		102	78-122				
<i>Surrogate: p-Bromofluorobenzene</i>	44.6		"	50.0		89.3	87-112				
<i>Surrogate: Toluene-d8</i>	53.8		"	50.0		108	91-110				

**LCS (BB40048-BS1)**

Prepared & Analyzed: 02/03/2014

1,1,1,2-Tetrachloroethane	52		ug/L	50.0		105	90-116				
1,1,1-Trichloroethane	43		"	50.0		86.4	83-125				
1,1,2,2-Tetrachloroethane	52		"	50.0		104	84-122				
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	45		"	50.0		90.1	66-141				
1,1,2-Trichloroethane	53		"	50.0		106	83-116				
1,1-Dichloroethane	44		"	50.0		87.2	82-121				
1,1-Dichloroethylene	43		"	50.0		86.0	59-135				
1,1-Dichloropropylene	44		"	50.0		88.0	81-112				
1,2,3-Trichlorobenzene	53		"	50.0		106	74-132				
1,2,3-Trichloropropane	53		"	50.0		106	83-118				
1,2,4-Trichlorobenzene	53		"	50.0		106	72-133				
1,2,4-Trimethylbenzene	52		"	50.0		105	82-119				
1,2-Dibromo-3-chloropropane	54		"	50.0		108	69-134				
1,2-Dibromoethane	51		"	50.0		103	85-118				
1,2-Dichlorobenzene	51		"	50.0		102	87-116				
1,2-Dichloroethane	44		"	50.0		87.5	79-125				
1,2-Dichloropropane	52		"	50.0		104	82-119				
1,3,5-Trimethylbenzene	52		"	50.0		105	84-120				
1,3-Dichlorobenzene	53		"	50.0		105	85-116				
1,3-Dichloropropane	51		"	50.0		103	86-114				
1,4-Dichlorobenzene	51		"	50.0		103	84-116				
2,2-Dichloropropane	45		"	50.0		89.6	56-138				
2-Butanone	57		"	50.0		114	59-127				
2-Chlorotoluene	52		"	50.0		103	82-117				
4-Chlorotoluene	52		"	50.0		105	84-118				
Acetone	54		"	50.0		108	30-112				
Benzene	52		"	50.0		105	88-113				
Bromobenzene	50		"	50.0		101	85-117				
Bromochloromethane	44		"	50.0		87.4	80-120				
Bromodichloromethane	53		"	50.0		105	87-122				
Bromoform	53		"	50.0		107	83-127				
Bromomethane	52		"	50.0		103	36-135				
Carbon tetrachloride	43		"	50.0		86.8	82-128				



**Volatile Organic Compounds by GC/MS - Quality Control Data**

**York Analytical Laboratories, Inc.**

Analyte	Result	Reporting	Units	Spike Level	Source*	%REC	%REC Limits	Flag	RPD	RPD	Flag
		Limit			Result					Limit	

**Batch BB40048 - EPA 5030B**

**LCS (BB40048-BS1)**

Prepared & Analyzed: 02/03/2014

Chlorobenzene	52		ug/L	50.0		104	90-111				
Chloroethane	44		"	50.0		87.7	60-132				
Chloroform	44		"	50.0		87.8	89-116	Low Bias			
Chloromethane	41		"	50.0		81.8	39-131				
cis-1,2-Dichloroethylene	43		"	50.0		87.0	90-112	Low Bias			
cis-1,3-Dichloropropylene	52		"	50.0		104	89-124				
Dibromochloromethane	52		"	50.0		104	82-132				
Dibromomethane	53		"	50.0		105	83-124				
Dichlorodifluoromethane	40		"	50.0		79.2	10-143				
Ethyl Benzene	52		"	50.0		105	91-117				
Hexachlorobutadiene	54		"	50.0		107	83-129				
Isopropylbenzene	52		"	50.0		104	82-122				
Methyl tert-butyl ether (MTBE)	43		"	50.0		85.2	59-135				
Methylene chloride	41		"	50.0		81.0	51-136				
Naphthalene	52		"	50.0		103	61-147				
n-Butylbenzene	54		"	50.0		107	79-122				
n-Propylbenzene	53		"	50.0		105	80-123				
o-Xylene	52		"	50.0		104	91-110				
p- & m- Xylenes	110		"	100		106	86-118				
p-Isopropyltoluene	53		"	50.0		105	83-125				
sec-Butylbenzene	52		"	50.0		105	82-127				
Styrene	52		"	50.0		104	88-121				
tert-Butylbenzene	53		"	50.0		105	70-130				
Tetrachloroethylene	51		"	50.0		103	67-138				
Toluene	52		"	50.0		104	88-113				
trans-1,2-Dichloroethylene	43		"	50.0		85.4	73-123				
trans-1,3-Dichloropropylene	52		"	50.0		103	85-123				
Trichloroethylene	52		"	50.0		104	83-120				
Trichlorofluoromethane	43		"	50.0		86.5	62-138				
Vinyl Chloride	43		"	50.0		86.0	49-127				
Vinyl acetate	44		"	50.0		88.6	21-90				
<i>Surrogate: 1,2-Dichloroethane-d4</i>	<i>49.2</i>		<i>"</i>	<i>50.0</i>		<i>98.4</i>	<i>78-122</i>				
<i>Surrogate: p-Bromofluorobenzene</i>	<i>47.6</i>		<i>"</i>	<i>50.0</i>		<i>95.2</i>	<i>87-112</i>				
<i>Surrogate: Toluene-d8</i>	<i>54.1</i>		<i>"</i>	<i>50.0</i>		<i>108</i>	<i>91-110</i>				



Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
<b>Batch BB40048 - EPA 5030B</b>											
<b>LCS Dup (BB40048-BSD1)</b>											
											Prepared & Analyzed: 02/03/2014
1,1,1,2-Tetrachloroethane	53		ug/L	50.0		106	90-116		0.703	30	
1,1,1-Trichloroethane	43		"	50.0		86.4	83-125		0.0231	30	
1,1,2,2-Tetrachloroethane	53		"	50.0		106	84-122		2.04	30	
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	45		"	50.0		90.3	66-141		0.288	30	
1,1,2-Trichloroethane	53		"	50.0		105	83-116		0.606	30	
1,1-Dichloroethane	44		"	50.0		88.1	82-121		1.05	30	
1,1-Dichloroethylene	43		"	50.0		85.4	59-135		0.700	30	
1,1-Dichloropropylene	44		"	50.0		88.9	81-112		1.02	30	
1,2,3-Trichlorobenzene	53		"	50.0		106	74-132		0.264	30	
1,2,3-Trichloropropane	55		"	50.0		110	83-118		3.85	30	
1,2,4-Trichlorobenzene	53		"	50.0		106	72-133		0.245	30	
1,2,4-Trimethylbenzene	52		"	50.0		105	82-119		0.172	30	
1,2-Dibromo-3-chloropropane	55		"	50.0		111	69-134		2.68	30	
1,2-Dibromoethane	51		"	50.0		102	85-118		0.565	30	
1,2-Dichlorobenzene	58		"	50.0		116	87-116		12.9	30	
1,2-Dichloroethane	45		"	50.0		89.1	79-125		1.79	30	
1,2-Dichloropropane	52		"	50.0		104	82-119		0.268	30	
1,3,5-Trimethylbenzene	53		"	50.0		105	84-120		0.400	30	
1,3-Dichlorobenzene	53		"	50.0		105	85-116		0.114	30	
1,3-Dichloropropane	52		"	50.0		104	86-114		1.26	30	
1,4-Dichlorobenzene	52		"	50.0		104	84-116		1.43	30	
2,2-Dichloropropane	45		"	50.0		90.1	56-138		0.490	30	
2-Butanone	59		"	50.0		118	59-127		2.64	30	
2-Chlorotoluene	52		"	50.0		104	82-117		0.618	30	
4-Chlorotoluene	52		"	50.0		105	84-118		0.344	30	
Acetone	64		"	50.0		128	30-112	High Bias	16.6	30	
Benzene	53		"	50.0		106	88-113		0.760	30	
Bromobenzene	57		"	50.0		113	85-117		11.7	30	
Bromochloromethane	44		"	50.0		88.4	80-120		1.11	30	
Bromodichloromethane	52		"	50.0		104	87-122		0.821	30	
Bromoform	53		"	50.0		106	83-127		0.300	30	
Bromomethane	55		"	50.0		109	36-135		5.64	30	
Carbon tetrachloride	6.9		"	50.0		13.9	82-128	Low Bias	145	30	Non-dir.
Chlorobenzene	52		"	50.0		104	90-111		0.461	30	
Chloroethane	45		"	50.0		89.9	60-132		2.52	30	
Chloroform	44		"	50.0		88.0	89-116	Low Bias	0.250	30	
Chloromethane	41		"	50.0		82.1	39-131		0.366	30	
cis-1,2-Dichloroethylene	44		"	50.0		88.9	90-112	Low Bias	2.14	30	
cis-1,3-Dichloropropylene	51		"	50.0		102	89-124		1.46	30	
Dibromochloromethane	52		"	50.0		104	82-132		0.174	30	
Dibromomethane	51		"	50.0		102	83-124		3.18	30	
Dichlorodifluoromethane	38		"	50.0		76.2	10-143		3.86	30	
Ethyl Benzene	52		"	50.0		104	91-117		0.651	30	
Hexachlorobutadiene	54		"	50.0		108	83-129		0.316	30	
Isopropylbenzene	53		"	50.0		105	82-122		0.897	30	
Methyl tert-butyl ether (MTBE)	44		"	50.0		87.4	59-135		2.53	30	
Methylene chloride	41		"	50.0		82.9	51-136		2.32	30	
Naphthalene	52		"	50.0		104	61-147		0.694	30	
n-Butylbenzene	54		"	50.0		108	79-122		1.17	30	
n-Propylbenzene	53		"	50.0		106	80-123		0.284	30	
o-Xylene	52		"	50.0		105	91-110		0.268	30	





**Volatile Organic Compounds by GC/MS - Quality Control Data**

**York Analytical Laboratories, Inc.**

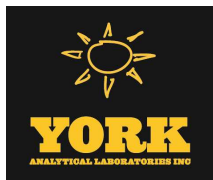
Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
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**Batch BB40048 - EPA 5030B**

**LCS Dup (BB40048-BSD1)**

Prepared & Analyzed: 02/03/2014

p- & m- Xylenes	110		ug/L	100		105	86-118		0.180	30	
p-Isopropyltoluene	53		"	50.0		106	83-125		1.04	30	
sec-Butylbenzene	53		"	50.0		105	82-127		0.0762	30	
Styrene	52		"	50.0		105	88-121		0.268	30	
tert-Butylbenzene	53		"	50.0		106	70-130		0.851	30	
Tetrachloroethylene	52		"	50.0		104	67-138		1.26	30	
Toluene	52		"	50.0		104	88-113		0.211	30	
trans-1,2-Dichloroethylene	43		"	50.0		86.9	73-123		1.74	30	
trans-1,3-Dichloropropylene	52		"	50.0		105	85-123		1.06	30	
Trichloroethylene	52		"	50.0		103	83-120		1.29	30	
Trichlorofluoromethane	44		"	50.0		87.8	62-138		1.49	30	
Vinyl Chloride	42		"	50.0		84.8	49-127		1.40	30	
Vinyl acetate	45		"	50.0		90.2	21-90	High Bias	1.79	30	
<i>Surrogate: 1,2-Dichloroethane-d4</i>	<i>49.8</i>		<i>"</i>	<i>50.0</i>		<i>99.5</i>	<i>78-122</i>				
<i>Surrogate: p-Bromofluorobenzene</i>	<i>48.2</i>		<i>"</i>	<i>50.0</i>		<i>96.5</i>	<i>87-112</i>				
<i>Surrogate: Toluene-d8</i>	<i>54.9</i>		<i>"</i>	<i>50.0</i>		<i>110</i>	<i>91-110</i>				

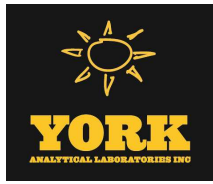


## Volatile Analysis Sample Containers

Lab ID	Client Sample ID	Volatile Sample Container
14A0764-01	MW-3A	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C
14A0764-02	MW-3B	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C
14A0764-03	MW-3C	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C
14A0764-04	MW-4A	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C
14A0764-05	MW-4B	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C
14A0764-06	MW-4C	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C
14A0764-07	MW-5A	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C
14A0764-08	MW-5D	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C
14A0764-09	MW-6A	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C
14A0764-10	MW-6D	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C
14A0764-11	MW-7A	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C
14A0764-12	MW-7D	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C
14A0764-13	MW-1A	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C
14A0764-14	MW-1B	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C
14A0764-15	MW-1C	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C
14A0764-16	MW-1D	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C
14A0764-17	MW-2A	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C
14A0764-18	MW-2B	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C
14A0764-19	MW-2C	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C
14A0764-20	Field Duplicate	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C
14A0764-21	Field Blank	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C
14A0764-22	Trip Blank	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C

### Notes and Definitions

QL-02	This LCS analyte is outside Laboratory Recovery limits due the analyte behavior using the referenced method. The reference method has certain limitations with respect to analytes of this nature.
J	Detected below the Reporting Limit but greater than or equal to the Method Detection Limit (MDL/LOD) or in the case of a TIC, the result is an estimated concentration.
CCV-E	The value reported is ESTIMATED. The value is estimated due to its behavior during continuing calibration verification (>20% Difference for average Rf or >20% Drift for quadratic fit).
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.
<hr/>	
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.

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

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

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

Certification for pH is no longer offered by NYDOH ELAP.

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

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**YORK**  
ANALYTICAL LABORATORIES INC

YORK ANALYTICAL LABORATORIES  
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.

York Project No. 14A0764

<b>YOUR Information</b>		<b>Report To:</b>		<b>Invoice To:</b>		<b>YOUR Project ID</b>		<b>Turn-Around Time</b>		<b>Report Type</b>	
Company: <u>LBGI, Inc</u>		Company: _____		Company: _____		<u>Deluxe</u>		RUSH - Same Day <input type="checkbox"/>		Summary Report _____	
Address: <u>4 Westchester Road</u>		Address: <u>S</u>		Address: _____		Purchase Order No. _____		RUSH - Next Day <input type="checkbox"/>		Summary w/ QA Summary _____	
Phone No. <u>914 644 5711</u>		Phone No. <u>A</u>		Phone No. <u>Same</u>		Samples from: CT ___ NY ___ NJ ___		RUSH - Two Day <input type="checkbox"/>		CT RCP Package _____	
Contact Person: <u>Jorma Weber</u>		Attention: <u>M</u>		Attention: <u>Me</u>		Standard(5-7 Days) <input checked="" type="checkbox"/>		RUSH - Three Day <input type="checkbox"/>		CTRCP DQA/DUE Pkg. _____	
E-Mail Address: <u>Weber@LBGI.com</u>		E-Mail Address: <u>e</u>		E-Mail Address: _____				RUSH - Four Day <input type="checkbox"/>		NY ASP A Package _____	
										NY ASP B Package <u>X</u>	
										NJDEP Red. Deliv. _____	

**Print Clearly and Legibly. All Information must be complete.**  
**Samples will NOT be logged in and the turn-around time clock will not begin until any questions by York are resolved.**

[Signature]  
Samples Collected/Authorized By (Signature)  
Mike Reff  
Name (printed)

Volatiles	Semi-Vols.	Pest/PCB/Herb	Metals	Misc. Org.	Full Lists	Misc.
8260 full 624 STARS list BTEX MTBE TCL list TAGM list CT RCP list Arom. only Halog. only App. IX list 8021B list	TICS Site Spec. Nassau Co. Suffolk Co. Ketones Oxygenates TCLP list 524.2 502.2 NJDEP list SPLP or TCLP	8270 or 625 STARS list BN Only Acids Only PAH list TAGM list CT RCP list TCLP list NJDEP list App. IX TCLP BNA SPLP or TCLP	RCRA8 PP13 list TAL CT15 list TAGM list NJDEP list SPLP or TCLP Total SPLP or TCLP Chlordane 608 Pest 608 PCB	TPH GRO TPH DRO CT ETPH NY 310-13 TPH 1664 Air TO14A Air TO15 Air STARS Air VPH Air TICs Methane Helium	Pri. Poll. TCL Organics TAL Met CN Full TCLP Full App. IX Part 360 Routine Part 360 Baseline Part 360 Expanded No. Dense Phase Full List NYCDEP Sewer TAGM	Comsivity Reactivity Ignitability Flash Point Sieve Anal. Heterotrophs TOX BTU/lb. Aquatic Tox. TOC Asbestos Silica

Simple Excel \_\_\_\_\_  
 NYSDEC EQulS \_\_\_\_\_  
 EQulS (std) \_\_\_\_\_  
 EZ-EDD (EQulS) \_\_\_\_\_  
 NJDEP SRP HazSite EDD \_\_\_\_\_  
 GIS/KEY (std) \_\_\_\_\_  
 Other \_\_\_\_\_  
 York Regulatory Comparison \_\_\_\_\_  
 Excel Spreadsheet \_\_\_\_\_  
 Compare to the following Regs. (please fill in):

Sample Identification	Date/Time Sampled	Sample Matrix	Choose Analyses Needed from the Menu Above and Enter Below	Container Description(s)
MW-3A	11/22/14 0945	GW	8260 Full list	2 VOA9
MW-3B	1000			
MW-3C	1015			
MW-4A	1100			
MW-4B	1120			
MW-4C	1140			
MW-5A	1220			
MW-5D	1255			
MW-6A	1420			
MW-6D	1500			

Page 79 of 81	Comments	Preservation Check those Applicable 4°C _____ Frozen _____ HCl _____ MeOH _____ HNO <sub>3</sub> _____ H <sub>2</sub> SO <sub>4</sub> _____ NaOH _____ ZnAc _____ Ascorbic Acid _____ Other _____	Temperature on Receipt <u>3.2 °C</u>
		Special Instructions Field Filtered <input type="checkbox"/> Lab to Filter <input type="checkbox"/>	
		Samples Relinquished By <u>[Signature]</u> Date/Time <u>11/24/14 1700</u> Samples Relinquished By _____ Date/Time _____	

Samples Received By <u>Chic</u> Date/Time <u>1-27-14 14:15</u>
Samples Received By <u>Grace</u> Date/Time <u>1-27-14 15:25</u>
Samples Received in LAB by _____ Date/Time _____



**YORK**  
ANALYTICAL LABORATORIES INC

YORK ANALYTICAL LABORATORIES  
120 RESEARCH DR.  
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# 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:

York Project No. 14A0764

<b>YOUR Information</b>		<b>Report To:</b>		<b>Invoice To:</b>		<b>YOUR Project ID</b>		<b>Turn-Around Time</b>		<b>Report Type</b>	
Company: <u>LBH, Inc</u>		Company: _____		Company: _____		<u>Deluxe</u>		RUSH - Same Day <input type="checkbox"/>		Summary Report _____	
Address: <u>4 Westchester Park Dr</u> <u>White Plains, NY</u>		Address: _____		Address: <u>Same</u>				RUSH - Next Day <input type="checkbox"/>		RUSH - Two Day <input type="checkbox"/>	
Phone No: <u>914 694 5711</u>		Phone No: _____		Phone No: <u>Same</u>		<b>Purchase Order No.</b>		RUSH - Three Day <input type="checkbox"/>		CTRCP DQA/DUE Pkg _____	
Contact Person: <u>Jorma Weber</u>		Attention: _____		Attention: _____				RUSH - Four Day <input type="checkbox"/>		NY ASP A Package _____	
E-Mail Address: <u>weber@lbhny.com</u>		E-Mail Address: _____		E-Mail Address: _____		Samples from: CT ___ NY ___ NJ ___		Standard(5-7 Days) <input checked="" type="checkbox"/>		NJDEP Red. Deliv. _____	

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Volatiles	Semi-Vols	Pest/PCB/Herb	Metals	Misc. Org.	Full Lists	Misc.
8260 full 624 STARS list BTEX MTBE TCL list TAGM list CT RCP list Arom. only Halog. only App. IX list 8021B list	TICs Site Spec. Nassau Co. Suffolk Co. Ketones Oxygenates TCLP list 524.2 NJDEP list SPL or TCLP	8270 or 625 STARS list BN Only Acids Only PAH list TAGM list CT RCP list TCL list NJDEP list App. IX TCLP BNA SPL or TCLP	8082PCB 8081Pest 8151Herb CT RCP CT15 list App. IX Site Spec. SPL or TCLP TCLP Pest TCLP Herb Chlordane 608 Pest 608 PCB	RCRA8 TPH GRO TPH DRO CT ETPH TAL NY 310-13 TAGM list NJDEP list Total Dissolved SPL or TCLP Indiv. Metals LIST Below	TPH GRO TCL Poll. TAL Met. CN Full TCLP Full App. IX Air TO14A Air TO15 Air STARS Air VPH Air TICs Methane Helium	Corrosivity Reactivity Ignitability Flash Point Sieve Anal. Heterotrophs TOX BTU/lb. Aquatic Tox. TOC Asbestos Silica

Electronic Data Deliverables (EDD) \_\_\_\_\_

Simple Excel \_\_\_\_\_

NYSDEC EQulS \_\_\_\_\_

EQulS (std) \_\_\_\_\_

EZ-EDD (EQulS) \_\_\_\_\_

NJDEP SRP HazSite EDD \_\_\_\_\_

GIS/KEY (std) \_\_\_\_\_

Other \_\_\_\_\_

York Regulatory Comparison \_\_\_\_\_

Excel Spreadsheet \_\_\_\_\_

Compare to the following Regs. (please fill in):

\_\_\_\_\_  
Samples Collected/Authorized By (Signature)

Mike Reiff  
Name (printed)

Sample Identification	Date/Time Sampled	Sample Matrix	Choose Analyses Needed from the Menu Above and Enter Below	Container Description(s)
MW-7A	1/23/14 0900	GW	8260 Full list	2 Vials
MW-7D	0930			
MW-1A	1105			
MW-1B	1145			
MW-1C	1245			
MW-1D	1330			
MW-2A	1410			
MW-2B	1440			
MW-2C	1530			
Field Duplicate	1/22/14 -			

Page 80 of 81

Comments

Preservation \_\_\_\_\_  
Check those Applicable \_\_\_\_\_  
Special Instructions \_\_\_\_\_  
Field Filtered   
Lab to Filter

4°C \_\_\_\_\_ Frozen \_\_\_\_\_ HCl \_\_\_\_\_ MeOH \_\_\_\_\_ HNO<sub>3</sub> \_\_\_\_\_ H<sub>2</sub>SO<sub>4</sub> \_\_\_\_\_ NaOH \_\_\_\_\_  
ZnAc \_\_\_\_\_ Ascorbic Acid \_\_\_\_\_ Other \_\_\_\_\_

\_\_\_\_\_  
Samples Relinquished By Date/Time

\_\_\_\_\_  
Samples Relinquished By Date/Time

\_\_\_\_\_  
Samples Received By Date/Time

\_\_\_\_\_  
Samples Received in LAB by Date/Time

Temperature on Receipt

3.2 °C

