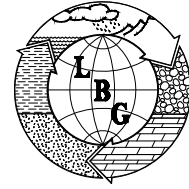


**LBG ENGINEERING SERVICES, P.C.**  
**PROFESSIONAL ENVIRONMENTAL & CIVIL ENGINEERS**



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September 7, 2017

Ms. Pamela Tames  
Superfund Remedial Project Manager  
U.S. Environmental Protection Agency, Region II  
NY/Caribbean Superfund Branch II  
Emergency & Remedial Response Division  
290 Broadway, 20th Floor  
New York, NY 10007-1688

RE: **DRAFT MARCH 2017  
SEMI-ANNUAL/ANNUAL  
GROUNDWATER QUALITY UPDATE**  
Rowe Industries Superfund Site  
Groundwater Recovery and Treatment System  
Sag Harbor, New York

Dear Ms. Tames:

LBG Engineering Services, P.C. (LBGES) has completed the 2017 March groundwater quality monitoring event for select monitor and recovery wells at the Former Rowe Industries Superfund Site (the Site) in Sag Harbor, New York (Figures 1 and 2). The purpose of the groundwater sampling is the long-term monitoring of groundwater quality at the Site. The following sections summarize a brief site history, groundwater sampling procedures, groundwater quality results, findings, conclusions and recommendations.

### **SITE BACKGROUND**

The site was historically used to manufacture various electrical components such as copper coils for toy slot cars. Degreasers used in the manufacturing process were disposed of in several drywells and were also stored in drums in the Former Drum Storage Area (FDSA) that eventually leaked to the ground surface. The contamination was detected in nearby drinking water wells during the mid-1980s, and the Suffolk County Department of Health investigation identified the source as the property occupied by Sag Harbor Industries (SHI). The subsequent remedial investigation identified the compounds of concern (COCs) as tetrachloroethylene (PCE), trichloroethylene (TCE) and 1,1,1-trichloroethane (TCA). A groundwater contaminant

plume extended northwesterly from the FDSA for over ½-mile toward a brackish estuary named Ligonee Creek and Sag Harbor Cove.

In 2000, a focused groundwater pump and treat system (FP&T) was installed to address the most impacted groundwater located on top of a shallow clay lens in the FDSA. The FP&T system includes four focus recovery wells, FRW-1 through 4; each capable of producing water at an approximate pumping rate of 1 to 6 gpm (gallons per minute). Between 2000 and 2002, a full-scale pump and treat (FSP&T) system was constructed with nine downgradient recovery wells (RW-1 thru 9), and piped to a two-story remediation building located on the SHI property. Operation of the FSP&T system commenced in December 2002. Computer modeling indicated that with continuous full operation, 99% of the plume would be removed in 11 years.

On July 13, 2005, the operation of RW-1 was discontinued with permission from the EPA after observing water-quality results below the laboratory reporting limits of 1 ug/l (micrograms per liter) for over two years. Subsequently, the RWs, with the exception of RW-2 which continues to operate today, were shut down after achieving water-quality results below Applicable or Relevant and Appropriate Requirements (ARAR) for over three years:

- RW-3 was shut down on May 21, 2012;
- RW-4 was shut down on January 1, 2014;
- RW-5 was shut down on May 23, 2012;
- RW-6 was shut down on January 1, 2014;
- RW-7 was shut down on January 1, 2014;
- RW-8 was shut down on April 30, 2012; and
- RW-9 was shut down on April 23, 2012.

Even though the groundwater quality at RW-2 has been below the ARAR for over seven years, RW-2 will remain in operation as a protective measure in the event there is a lapse in containment by the FRWs in the FDSA. In accordance with the approved Limited Shutdown Plan of May 29, 2012 (RW-3, 5, 8 and 9) and October 18, 2013 (RW-4, 6 and 7), each of the RWs that were shut down were monitored monthly for six months followed by quarterly monitoring for one year, and then followed by semi-annual monitoring for the remainder of the operation of the FSP&T system. Rebound of COC concentrations has not been observed at RW-1, RW-2, RW-3 or downgradient from these wells since the shutdown of the RWs.

On July 15, 2016, LBGES submitted a letter to the EPA proposing modifications to the existing groundwater and FSP&T/FP&T system monitoring program. On September 2, 2016,

the EPA approved the discontinuation of groundwater elevation measurements and groundwater quality sampling for piezometers and select monitor and recovery wells, while reducing the monitoring frequency of other monitor and recovery wells from semi-annual to annual. Table 1 summarizes the requested and approved changes to the groundwater monitoring program. The new groundwater monitoring frequency was implemented in September 2016.

Semi-annual groundwater quality samples will continue to be collected during March and September and the additional annual groundwater quality samples will be collected during September of each year. The FRWs and the operating RW will continue to be monitored monthly for groundwater quality.

### **SEMI-ANNUAL AND ANNUAL GROUNDWATER MONITORING ACTIVITIES**

LBGES completed semi-annual and annual groundwater sampling between March 27 and 29, 2017, which included the measurement of groundwater levels in select monitor and recovery wells and the collection of groundwater samples from select wells for laboratory analysis. The plan is designed to allow for an assessment of recovery system effectiveness, rebound of contaminant concentrations, natural degradation of the COCs, and monitoring the groundwater quality in the footprint of the former downgradient plume.

The March 2017 groundwater quality monitoring event included the collection of samples from 15 monitor wells, 1 RW and 4 FRWs for a total of 20 wells.

#### **Groundwater Level Measurements**

The depth-to-water (DTW) levels were measured with an electronic water-level indicator (e-tape); the measurements at each location being referenced to the top of casing (TOC). The groundwater elevations were calculated by subtracting the DTW measurements from the TOC elevations. The e-tape was decontaminated between use at each well using Alconox (a detergent) and deionized water (DI).

On March 27, as part of the groundwater sampling event, DTW levels were measured in select monitor and recovery wells during static conditions (with the recovery wells turned off). The recovery wells were shut down on March 24, 2017, to allow ample time for groundwater

levels to recover to static conditions. The data were used to calculate the groundwater elevations (Table 2 and Figure 3).

A round of DTW levels were measured in select monitor and recovery wells during pumping conditions on March 13, 2017. These data were used to calculate groundwater elevations with RW-2 and FRW-1 thru 4 operating and to estimate the capture zones (Table 2 and Figure 4).

### **Groundwater Sampling**

Water samples were collected from the four FRWs and RW-2 via sample ports, which is the standard procedure during monthly groundwater quality sampling for these wells. All other groundwater samples were collected in accordance with the EPA low-flow sampling technique guidelines.

Field parameters were monitored with a calibrated Horiba U52 meter and flow-thru cell for pH, conductivity, turbidity, dissolved oxygen (DO), temperature and oxidation reduction potential (ORP). Copies of the field sampling sheets are included in Appendix I. New tubing was used to collect the sample at each well and, due to the historical contaminants at the Site, spent tubing and personal protective equipment (PPE) were treated as hazardous waste, drummed, labeled and stored for disposal at a later time. Groundwater samples were collected in laboratory-supplied vials, preserved with hydrochloric acid (HCl), stored in dedicated coolers with ice and then delivered to a NYS-certified laboratory using proper chain-of-custody (COC) procedures. The groundwater samples were analyzed for Volatile Organic Compounds (VOCs) using EPA Method 8260.

### **Quality Assurance/Quality Control**

For Quality Assurance/Quality Control (QA/QC) purposes, one trip blank (TB) and one equipment blank (EB), were also analyzed. TBs are preserved vials prepared by the laboratory with DI water and shipped with the sample vials. One TB was carried by the sampling hydrogeologist with his/her vials, and then returned to the laboratory for analysis in order to rule out inadvertent exposure of the vials or samples to VOCs. The EB was collected by running DI water through tubing and equipment in the field following the same procedures as the collection of groundwater samples with clean, single-use tubing, and then submitted to the

laboratory for analysis in order to rule out any cross contamination from the tubing or equipment. Matrix Spike (MS) and Matrix Spike Duplicate (MSD) samples were collected from MW98-04; this well being chosen for the MS/MSD samples because of historic detections of COCs in the groundwater samples from the well. MS/MSD samples involve collecting a groundwater sample from a well in triplicate, and submitting all three samples to the laboratory for analysis. One blind duplicate sample, MW-A was collected from MW98-04B and submitted to the laboratory for analysis. A blind sample is a separate sample submitted for analysis with the source location and identity known to the sampling hydrogeologist but unknown to the laboratory. The blind sample is used to ensure the laboratory's proficiency in the execution of the analysis.

The MS and MSD results for PCE were biased low, which suggests the concentration of PCE in the groundwater sample collected from MW98-04 may be higher than the reported concentration. Low and high biases were also detected in the MS, MSD or laboratory control samples (LCS) for naphthalene, 1,2,3 trichlorobenzene, 1,2,4 trichlorobenzene, 1,1 dichloropropylene, and chlorobenzene.. Based on the evaluation of the results of the QA/QC analyses, the laboratory data are usable for their intended purpose.

### **Groundwater Level Measurement Discussion**

The water-table elevation data from the sampling event collected during static and pumping conditions were evaluated and used to construct water-table elevation contour maps (Figures 3 and 4, respectively). As depicted by the contour map, the interpreted groundwater flow direction at the Site is to the northwest towards Sag Harbor Cove. When compared to the March 2016 static groundwater elevations, the March 2017 groundwater elevations are approximately 0.3 to 0.6 feet lower but within the historic range of water elevations. When compared to the September 2016 static groundwater elevations, the March 2017 groundwater elevations are approximately 0.5 to 1.25 feet higher; likely the result of the spring rain conditions.

The groundwater contours were evaluated to assess the capture zone (Figure 4). The capture zone lines for the recovery wells are shown as dashed red lines. The capture zone map indicates that the operation of the FP&T system continues to minimize the migration of COCs away from the FDSA and the operation of RW-2 continues to be an effective protective measure to prevent COCs from migrating beyond its location.

### **Semi-Annual Groundwater Quality Results and Discussion**

PCE, TCA, TCE and 1,2 cis-dichloroethylene (DCE) concentrations are summarized on Tables 3, 4, 5 and 6 respectively. Laboratory analytical data are provided in Appendix II. PCE, TCE, TCA and DCE concentrations detected in the wells located downgradient of the FDSA are below ARARs and, in most cases, below laboratory reporting limits. Furthermore, the COCs downgradient of the FDSA are within normal seasonal and temporal variability for the Site. Rebound of contaminant concentrations has not been detected in the water samples from wells located downgradient of the FDSA following the shutdown of eight of the nine FSP&T recovery wells.

PCE concentrations in the groundwater at the FDSA continue to be above ARARs in most wells. The PCE concentrations in the FDSA observed in March 2017, when compared to September 2016, were higher, possibly due to higher water levels. Historically, higher concentrations are often detected during the March sampling event indicating that concentrations remain within normal seasonal/temporal variability in the FDSA. Figure 5 shows the approximate size of the PCE plume in March 2017.

TCE and DCE, which are daughter products of PCE, continue to be detected in the FDSA wells. In the latest March sampling event, the TCE and DCE concentrations increased compared to the September 2016 sampling event but comparable to the March 2016 sampling event when the groundwater was at a slightly higher but comparable elevation. The continued detection of these compounds suggests that limited biodegradation of PCE is continuing in the FDSA. However, the biodegradation of the PCE has not been sufficient to reduce the concentrations below the ARARs. Furthermore, the limited biodegradation that is occurring is not proceeding through to the end of the complete reductive dechlorination process.

TCA concentrations in the groundwater beneath the FDSA were within historical ranges and have been below ARARs in the FDSA for four years.

While the FP&T wells provide sufficient hydraulic containment to prevent contaminants from migrating beyond the FDSA. PCE concentrations in the FDSA continue to persist above ARARs.

## CONCLUSIONS

The following conclusions are based on the results of the March 2017 groundwater quality sampling event.

- The concentrations for the COCs in the groundwater downgradient from the FDSA continue to be below ARARs and have not rebounded in areas that are outside of the influence of the FP&T system.
- The operation of the FP&T system provides adequate hydraulic control of the COCs to prevent their migration beyond the FDSA. However, COC concentrations continue to persist above ARARs in the FDSA.
- The continued detection of TCE and DCE suggests limited biodegradation of PCE is occurring in the FDSA. However, the biodegradation of the PCE has not been sufficient to reduce the concentrations below the ARARs. Additionally, the limited biodegradation is not proceeding through to the end of the complete reductive dechlorination process.

If you have any questions or require additional information, please do not hesitate to contact Ms. Sandor or Mr. Goldberg directly at (475) 882-1711 or (475) 882-1708, respectively.

Very truly yours,

LBG ENGINEERING SERVICES, P.C.



Tunde Komuves-Sandor, CPG  
Senior Hydrogeologist



Mark M. Goldberg, P.E.  
Senior Environmental Engineer

Reviewed by:



William K. Beckman, PE  
President

TKS:cmm

Enclosures

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## **TABLES**

TABLE 1

**SUMMARY REPORT FOR SEPTEMBER 2016 GROUNDWATER SAMPLING  
FORMER ROWE INDUSTRIES SUPERFUND SITE  
1668 SAG HARBOR TURNPIKE  
SAG HARBOR, NEW YORK**

**Approved Modifications to the Monitoring Programs**

FSP&T System	Location	Water Levels			VOCs			
		Existing	2016 Proposed	EPA Approved	Existing	2016 Proposed	EPA Approved	
	RW-1	On SHI property in front of main buidng	semi-annually	semi-annually	semi-annually	semi-annually	discontinue monitoring	discontinue
	RW-2	On SHI property in front of the FSP&T remediation building	semi-annually	semi-annually	semi-annually	monthly	monthly	monthly
	RW-3	On SHI property behind the FSP&T remediation building	semi-annually	semi-annually	semi-annually	semi-annually	discontinue monitoring	annual
	RW-4	Sag Harbor Turnpike	semi-annually	discontinue monitoring	semi-annually	semi-annually	discontinue monitoring	annual
	RW-5	Carroll Street	semi-annually	discontinue monitoring	semi-annually	semi-annually	discontinue monitoring	discontinue
	RW-6	Carroll Street	semi-annually	discontinue monitoring	semi-annually	semi-annually	discontinue monitoring	annual
	RW-7	Carroll Street	semi-annually	discontinue monitoring	semi-annually	semi-annually	discontinue monitoring	discontinue
	RW-8	Brick Kiln Road	semi-annually	discontinue monitoring	discontinue	semi-annually	discontinue monitoring	discontinue
	RW-9	Noyack Road	semi-annually	discontinue monitoring	discontinue	semi-annually	discontinue monitoring	discontinue
<b>Monitor Wells in FDSA</b>								
	MW98-01A	FDSA, Haberman property	semi-annually	semi-annually	--	semi-annually	semi-annually	--
	MW98-05AR, 05BR	FDSA, Haberman property	NE	semi-annually	--	NE	semi-annually	--
	MW98-05A, 05B (wells decommissioned)	FDSA, Haberman property	semi-annually	discontinue monitoring	--	semi-annually	discontinue monitoring	--
<b>Monitor Wells on SHI Property</b>								
	MW-45A, 45B	FDSA, on SHI property along fence	semi-annually	semi-annually	--	semi-annually	semi-annually	--
	MW98-04, 04B (04B is a new well)	FDSA, on SHI property in driveway on pavement	semi-annually, NE	semi-annually	--	semi-annually, NE	semi-annually	--
	MW-58A, 58B (new well cluster)	On SHI property in southern driveway	NE	semi-annually	--	NE	semi-annually	--
	MW-59A, 59B (new well cluster)	On SHI property , parking lot north side of building	NE	semi-annually	--	NE	semi-annually	--
	MW-28A, 28B	On SHI property in back of main building	semi-annually	semi-annually	--	semi-annually	semi-annually	--
	N-32, 32B	On SHI propey, parking lot north side of building	semi-annually, NE	semi-annually	--	semi-annually, NE	semi-annually	--
	MW-44A, 44B, 44C	On SHI property near RW-2	semi-annually	semi-annually	semi-annual	semi-annually	discontinue monitoring	annual
	MW-46A, 46B	On SHI property in woods	semi-annually	semi-annually	semi-annual	semi-annually	discontinue monitoring	discontinue
	MW-47A, 47B	On SHI property in woods	semi-annually	semi-annually	semi-annual	semi-annually	discontinue monitoring	annual
	MW-51A (well destroyed)	FDSA, on SHI property along fence	well destroyed	discontinue monitoring	--	well destroyed	discontinue monitoring	--
	MW-52A	FDSA, on SHI property along fence	semi-annually	semi-annually	semi-annual	semi-annually	discontinue monitoring	annual
<b>Monitor Wells at Recharge Basins</b>								
	MW-B1	Discharge Basin	semi-annually	semi-annually	semi-annually	semi-annually	discontinue monitoring	annual
	MW-B2	Discharge Basin	semi-annually	discontinue monitoring	semi-annually	NE	discontinue monitoring	discontinue
	MW-B3	Discharge Basin	semi-annually	discontinue monitoring	semi-annually	NE	discontinue monitoring	discontinue
	MW-B4	Discharge Basin	semi-annually	discontinue monitoring	semi-annually	NE	discontinue monitoring	annual
<b>All Monitor Wells Downgradient of SHI Property</b>								
	MW-42A, B, C (wells A & B have been destroyed)	Bay Burger (formerly Gingerbread House) parking lot,	semi-annually	discontinue monitoring	semi-annually	semi-annually	discontinue monitoring	annual
	MW-43A, B, C	On Carroll Street near RW-6	semi-annually	discontinue monitoring	semi-annually	semi-annually	discontinue monitoring	annual
	MW-49A, B, C	On Noyack road near RW-9	semi-annually	discontinue monitoring	discontinue	semi-annually	discontinue monitoring	discontinue
	MW-50A, B, C	Morris Cove Road	semi-annually	discontinue monitoring	discontinue	semi-annually	discontinue monitoring	discontinue
	MW-53	On Carroll Street between RW-5 and RW-6	semi-annually	discontinue monitoring	semi-annually	semi-annually	discontinue monitoring	annual
	MW-54	On Carroll Street between RW-5 and RW-7	semi-annually	discontinue monitoring	semi-annually	semi-annually	discontinue monitoring	annual
	MW-55	On Hildreth Road near corner of Brick Kiln Road	semi-annually	discontinue monitoring	discontinue	semi-annually	discontinue monitoring	discontinue
	MW-56A, B, C	Brick Kiln Road between Carroll and Hildreth across from RW-8	semi-annually	discontinue monitoring	discontinue	semi-annually	discontinue monitoring	discontinue
	MW-57A, B, C (A & B have been destroyed)	Brick Kiln Road south of Carroll Street, near shrubs usually under 6-inches of sand	semi-annually	discontinue monitoring	discontinue	semi-annually	discontinue monitoring	discontinue
<b>Department of Health Services (SCDHS) wells</b>								
	N-1A, B	Noyack Road	semi-annually, NE	discontinue monitoring	--	semi-annually, NE	discontinue monitoring	--
	N-2A, B	Noyack Road	semi-annually, NE	discontinue monitoring	--	semi-annually, NE	discontinue monitoring	--
	N-9	Sag Harbor Turnpike at corner of Hildreth	NE	discontinue monitoring	--	NE	discontinue monitoring	--
	N-16	Sag Harbor Turnpike near RW-4	semi-annually, NE	discontinue monitoring	--	semi-annually, NE	discontinue monitoring	--
	N-17	Sag Harbor Turnpike near utility pole	semi-annually, NE	discontinue monitoring	--	semi-annually, NE	discontinue monitoring	--
	N-37	Fabiano property front yard	semi-annually, NE	discontinue monitoring	--	semi-annually, NE	discontinue monitoring	--
	N-38	Fabiano property side yard	semi-annually, NE	discontinue monitoring	--	semi-annually, NE	discontinue monitoring	--
	N-39	Fabiano property back yard	semi-annually, NE	discontinue monitoring	--	semi-annually, NE	discontinue monitoring	--
<b>All Monitor Wells Upgradient of the FDSA</b>								
	MW-48A, 48B	Lily Pond Road	semi-annually	semi-annually	--	semi-annually	discontinue monitoring	--
<b>All Piezometers</b>			semi-annually	discontinue monitoring	--	NE	discontinue monitoring	--

Notes:

NE = Not Established; N/A = Not Applicable

N/A

-- no comment by EPA interpreted as proposed change being approved by EPA

EPA did not comment on any down gradient SCDHS wells, as such, assume that the proposed discontinuation of monitoring has been approved



TABLE 3

SUMMARY REPORT FOR SEPTEMBER 2016 SEMI-ANNUAL GROUNDWATER SAMPLING  
 FORMER ROWE INDUSTRIES SUPERFUND SITE  
 1668 SAG HARBOR TURNPIKE  
 SAG HARBOR, NEW YORK

CURRENT AND HISTORIC CONCENTRATIONS OF PCE DETECTED IN GROUNDWATER FROM MONITOR AND RECOVERY WELLS, ug/l

Monitor or Recovery Wells	Sample Dates																																									
	Mar-07	Oct-07	Mar-08	Sep-08	Mar-09	Sep-09	Mar-10	Sep-10	Mar-11	Sep-11	Mar-12	Jun-12	Aug-12	Sep 4, 2012	Sep-12	Oct-12	Dec-12	Feb-13	Mar-13	Apr-13	June-13 (6-12-2013)	Jun-13	Jul-13	Sep-13	Nov-13	Mar-14	Jun-14	Sept-14	Dec-14	Mar-15	Jun-15	Sep-15	Feb-16	Mar-16	Sep-16	Mar-17						
MW-B1		ND		ND		ND		ND		ND	ND				ND				ND					ND		ND		ND		ND		ND		ND		ND	ND					
MW-B2										ND	ND				ND				ND					ND		ND		ND		ND		ND		ND		ND	ND					
MW-B3										ND	ND				ND				ND					ND		ND		ND		ND		ND		ND		ND	ND					
MW-B4										ND	ND				ND				ND					ND		ND		ND		ND		ND		ND		ND	ND					
FRW-1	41	380	600	6.5	120	15	160	180	68	37	37	52	48	130	130	23	110	510	360	100	310	77	42	63	74	37	24	120	210	23	15	67	290	25	25	110						
FRW-2	5.7	ND	27	72	24	20	33	150	39	24	25	48	40	59	69	65	53	9.1	6.8	4.0	45	210	28	20	39	11	27	19	62	41	9.0	14	280	55	26	40						
FRW-3	120	1.9	62	16	270	110	190	110	19	16	12	65	32	34	15	25	46	35	25	1.3	9.9	230	52	27	23	49	32	33	34	110	67	7.7	50	62	17	50						
FRW-4	ND	4.5	2.3	18	17	5.3	5.3	ND	4.5	22	22	21	14	13	6.1	2.3	0.36 J	15	62	82	25	12	27	19	4.1	7.5	21	28	2.6	34	3.0	1.4	5.0	15	2.2	4.0						
RW-1	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND		ND				ND				ND		ND		ND		ND		ND		ND		ND		ND					
RW-2	ND	1.4		3.4	4.0	1.8	1.0	ND	0.91 J	0.96 J	0.81	0.57	0.53		0.52	0.66	1.3	1.1	0.93	0.74		0.68	0.93	2.0	1.4	0.94	0.26 J	ND	0.56	ND	0.39 J		0.40 J	0.38 J	ND	0.28 J						
RW-3	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.19 J	ND	ND		ND	ND	0.1 J		ND			ND		ND		ND		ND		ND		ND		ND		ND						
RW-4	7.3	9.4	6.5	3.8	3.3	4.5	2.1	ND	0.82 J	1.1 J	1.4	0.13 J	0.90		0.95	0.75	0.96	1.5	0.83	1.1		0.62	0.93	1.4	0.88	0.36 J	2.0	2.0	ND	ND		ND		ND		ND						
RW-5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.16 J	ND	ND		ND	ND	ND		ND			ND		ND		ND		ND		ND		ND		ND		ND						
RW-6	29	14	19	13	10	11	7.0	4.3	1.9	3.6 J	3.2	3.1	2.6		2.8	2.3	2.4	1.3	1.9	2.0		2.1	1.7	1.9	1.6	0.22 J	0.24 J	0.24 J	0.27 J	ND	0.25 J	0.25 J		0.24 J	ND							
RW-7	23	25	11	5.4	5.5	9.5	3.6	ND	1.8		2.2	1.0	ND		0.76	0.50	0.64	0.96	0.52	0.67		0.73	0.65	1.1	ND	ND	ND	ND	0.87	0.2 J	ND	ND		ND		ND						
RW-8		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.11 J	0.11 J		0.1 J	ND	0.13 J		ND			ND		ND		ND		ND		ND		ND		ND		ND					
RW-9	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND		ND	ND	ND		ND			ND		ND		ND		ND		ND		ND		ND		ND		ND				
MW-28A	ND	ND	ND	21	ND	ND	ND	ND	ND	ND	ND	ND	ND						ND					1.2		ND		ND		ND		ND		ND		ND		ND				
MW-28B	ND		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND						ND					ND		ND		ND		ND		ND		ND		ND		ND				
MW-42B	ND	ND		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND						ND					ND		ND		ND		ND		ND		ND		ND		ND				
MW-43A	ND							ND							1.2				ND					0.3 J		1.1	0.47 J	ND	ND	ND	0.71	ND					ND					
MW-43B	ND	ND	ND	ND	ND	ND	12	2.7	1.0	4.5 J	3.4				ND				0.62					0.48 J	0.39 J	0.34 J	0.29 J	ND	ND	ND	ND	ND	ND	ND		ND						
MW-43C	27	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND		ND				ND					ND		ND	ND	ND	ND	ND	ND	ND	ND	ND		ND						
MW-44A	ND	ND	ND	ND	ND	1.1	0.66 J	ND	ND	ND	ND	ND	ND		0.11 J				0.26 J					1.3	ND	ND		0.38 J		ND		ND		ND		ND		ND				
MW-44B	ND	5.0	ND	ND	ND	ND	3.1	ND	ND	ND	0.16 J				0.3 J				ND					0.76		ND		ND		ND		ND		ND		ND		ND				
MW-44C		ND		ND		ND		ND		ND					ND				ND					ND		ND		ND		ND		ND		ND		ND		ND				
MW-45A	ND	ND	ND	ND	ND	ND	3.3	ND	ND	ND	ND	ND	ND		0.11 J	ND	ND		ND	ND				ND		ND		ND		ND		ND		0.91		ND	2.1	ND				
MW-45B	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND		ND	ND				ND				ND		ND		0.25 J		ND		ND		ND		ND		ND				
MW-46A		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND		ND				0.23 J					0.2 J		0.2 J		0.31 J		ND		ND		ND		ND		ND				
MW-46B								ND		ND					ND									ND		ND		ND		ND		ND		ND		ND		ND				
MW-47A	ND	0.81	3.5		ND	0.81	3.2	ND	ND	0.77 J	0.27 J													0.23 J		0.4 J		ND		ND		ND			0.35 J		dry					
MW-47B		ND		ND		ND		ND		ND					ND									ND		ND		ND		ND		ND		ND		ND		ND				
MW-48A								ND		ND														ND		ND		ND		ND		ND		ND		ND		ND				
MW-48B		ND		ND		ND		ND		ND					ND									ND		ND		ND		ND		ND		ND		ND		ND				
MW-49A	ND		ND	ND		ND	ND	ND	ND	ND		ND			0.11 J		ND		ND				ND		ND		ND		ND		ND		ND		ND		ND		ND			
MW-49B	6.8	2.1	3.0	4.6	3.6	2.3	1.4	ND	ND	ND	0.60	0.89			0.43 J		0.87		0.51				0.55		0.26 J		0.24 J		ND		ND		ND		0.27 J							
MW-49C	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.39 J			ND		0.58		0.14 J				0.22 J		ND		ND		ND		ND		ND		ND		ND					
MW-50A								ND		ND					ND									ND		ND		ND		ND		ND		ND		ND		ND				
MW-50B		ND		ND		ND		ND		ND					ND									ND		ND		ND		ND		ND		ND		ND		ND				
MW-50C								ND		ND					ND									ND		ND		ND		ND		ND		ND		ND		ND				
MW-52A		ND		ND		ND		ND	ND	ND	ND	ND	ND		0.32 J	ND	ND		ND					ND		ND		ND		ND		ND		ND		ND		ND				
MW-53		3.2	3.0	ND	ND	ND	0.71 J	0.4 J	ND	ND	0.72				0.31 J				0.35 J					0.32 J		0.37 J	0.42 J	0.3 J	0.3 J	ND	0.22 J	0.25 J			0.26 J							
MW-54		2.0	4.6	1.2	1.2	1.5	5.1	0.32 J	ND	0.80 J	0.42 J				0.44 J				0.35 J						ND		ND	ND	ND	ND	ND	ND	ND	ND	ND		ND					
MW-55						ND		ND		ND					ND																											
MW-56A		ND		ND		ND		ND		ND					ND										ND																	
MW-56B	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND				ND									ND																		
MW-56C	ND	ND	ND	ND	ND	ND		ND		ND					ND										ND																	
MW-57C		ND		ND		ND		ND							ND										ND																	
MW-58A																																						ND	ND	ND	ND	
MW-58B																																							ND	ND	ND	ND
MW-59A																																							ND	ND	dry	ND
MW-59B																																						0.61	0.35 J	ND	ND	
MW-98-01A	ND	11	9.5	38	1.5	1.1	4.7	ND	1.5	4.9	0.55				2.2		1.8		48					35		3.0		3.8		24		4.9		2.6	0.91	7.3						
MW-98-04	ND	ND	18	20	ND	7.6	0.68 J	ND	0.99 J	ND	0.36 J				8.8</																											

TABLE 3

SUMMARY REPORT FOR SEPTEMBER 2016 SEMI-ANNUAL GROUNDWATER SAMPLING  
 FORMER ROWE INDUSTRIES SUPERFUND SITE  
 1668 SAG HARBOR TURNPIKE  
 SAG HARBOR, NEW YORK

CURRENT AND HISTORIC CONCENTRATIONS OF PCE DETECTED IN GROUNDWATER FROM MONITOR AND RECOVERY WELLS, ug/l

Monitor or Recovery Wells	Sample Dates																																										
	Mar-07	Oct-07	Mar-08	Sep-08	Mar-09	Sep-09	Mar-10	Sep-10	Mar-11	Sep-11	Mar-12	Jun-12	Aug-12	Sep 4, 2012	Sep-12	Oct-12	Dec-12	Feb-13	Mar-13	Apr-13	June-13 (6-12-2013)	Jun-13	Jul-13	Sep-13	Nov-13	Mar-14	Jun-14	Sept-14	Dec-14	Mar-15	Jun-15	Sep-15	Feb-16	Mar-16	Sep-16	Mar-17							
N-1A						ND		ND		ND					ND				ND																								
N-1B		ND		ND		ND		ND		ND					ND				ND						ND		ND		ND		ND		ND		ND								
N-2A						ND		ND		ND					ND				ND																								
N-2B		ND		ND		ND		ND		ND					ND				ND						ND		ND		ND		ND		ND		ND								
N-9										ND					ND																												
N-16	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND				ND				ND						ND		ND		ND		ND		ND		ND		ND						
N-17		ND		ND		ND		ND		ND					ND				ND																								
N-32					ND	ND	ND	ND	ND	ND	ND				ND				ND						ND		ND		ND		ND		ND		ND		ND	ND	ND	ND	ND	ND	
N-32B																																											
N-37	ND	ND	ND	ND	ND	ND	ND	ND		ND		ND			ND				ND						ND		ND		ND		ND		ND		ND		ND						
N-38	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND				ND				ND						ND		ND		ND		ND		ND		ND		ND						
N-39	ND	ND	1.9	ND	ND	ND	ND	ND	ND	ND	ND				ND				ND						ND		ND		ND		ND		ND		ND		ND						



TABLE 4

SUMMARY REPORT FOR SEPTEMBER 2016 SEMI-ANNUAL GROUNDWATER SAMPLING  
 FORMER ROWE INDUSTRIES SUPERFUND SITE  
 1668 SAG HARBOR TURNPIKE  
 SAG HARBOR, NEW YORK

CURRENT AND HISTORIC CONCENTRATIONS OF TCA DETECTED IN GROUNDWATER FROM MONITOR WELLS AND RECOVERY WELL, ug/l

Monitor or Recovery Well	Sample Dates																																							
	Mar-07	Oct-07	Mar-08	Sep-08	Mar-09	Sep-09	Mar-10	Sep-10	Mar-11	Sep-11	Mar-12	Jun-12	Aug-12	Sep 4, 2012	Sep-12	Oct-12	Dec-12	Feb-13	Mar-13	Apr-13	June-13 (6-12-2013)	Jun-13	Jul-13	Sept-13	Nov-13	Mar-14	Jun-14	Sept-14	Dec-14	Mar-15	Jun-15	Sep-15	Feb-16	Mar-16	Sep-16	Mar-17				
N-1A						ND		ND		ND																														
N-1B		ND		ND		ND		ND		ND															ND		ND		ND		ND		ND		ND					
N-2A						ND		ND		ND																														
N-2B		ND		ND		ND		ND		ND																ND		ND		ND		ND		ND		ND				
N-9										ND																														
N-16	ND	ND	2.8	ND	ND	ND	2.8	4.1	ND	ND	ND																													
N-17		ND		ND		ND		ND		ND																														
N-32					ND	ND	ND	ND	ND	ND	ND																													
N-32B																																								
N-37	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND																														
N-38	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND																													
N-39	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND																													

\*  
 \*\*DBS – Sample collected using diffusive bag sample method  
 \*\*\* Collected after 4 hours of pumping during execution of Initial Testing Plan



TABLE 5

SUMMARY REPORT FOR SEPTEMBER 2016 SEMI-ANNUAL GROUNDWATER SAMPLING  
 FORMER ROWE INDUSTRIES SUPERFUND SITE  
 1668 SAG HARBOR TURNPIKE  
 SAG HARBOR, NEW YORK

CURRENT AND HISTORIC CONCENTRATIONS OF TCE DETECTED IN GROUNDWATER FROM MONITOR WELLS AND RECOVERY WELLS, ug/l

Monitor or Recovery Wells	Sample Dates																																					
	Mar-07	Oct-07	Mar-08	Sep-08	Mar-09	Sep-09	Mar-10	Sep-10	Mar-11	Sep-11	Mar-12	Jun-12	Aug-12	Sep 4, 2012	Sep-12	Oct-12	Dec-12	Feb-13	Mar-13	Apr-13	Jun-13 (6-12-2013)	Jun-13	Jul-13	Sep-13	Nov-13	Mar-14	Jun-14	Sept-14	Dec-14	Mar-15	Jun-15	Sept-15	Feb-16	Mar-16	Sep-16	Mar-17		
N-1A						ND		ND		ND					ND				ND																			
N-1B		ND		ND		ND		ND		ND					ND				ND					ND		ND		ND		ND		ND						
N-2A						ND		ND		ND					ND				ND																			
N-2B		ND		ND		ND		ND		ND					ND				ND					ND		ND		ND		ND		ND		ND				
N-9								ND		ND					ND																							
N-16	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND				ND				ND					ND		ND		ND		ND		ND		ND				
N-17		ND		ND		ND		ND		ND					ND				ND																			
N-32					ND	ND	ND	ND	ND	ND	ND				ND				ND					ND		ND		ND		ND		ND		ND	ND	ND	ND	ND
N-32B																																			ND	ND	ND	ND
N-37	ND	ND	ND	ND	ND	ND	ND		ND		ND				ND				ND					ND		ND		ND		ND		ND		ND				
N-38	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND				ND				ND					ND		ND		ND		ND		ND		ND				
N-39	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND				ND				0.12 J						ND		ND		0.49 J		0.47 J		0.77					

TABLE 6

SUMMARY REPORT FOR SEPTEMBER 2016 SEMI-ANNUAL GROUNDWATER SAMPLING  
 FORMER ROWE INDUSTRIES SUPERFUND SITE  
 1668 SAG HARBOR TURNPIKE  
 SAG HARBOR, NEW YORK

CURRENT AND HISTORIC CONCENTRATIONS OF cisDCE DETECTED IN GROUNDWATER FROM MONITOR AND RECOVERY WELLS, ug/l

Monitor or Recovery Wells	Sample Dates																																						
	Mar-07	Oct-07	Mar-08	Sep-08	Sep-09	Mar-10	Sep-10	Mar-11	Sep-11	Mar-12	Jun-12	Aug-12	Sep 4, 2012	Sep-12	Oct-12	Dec-12	Feb-13	Mar-13	Apr-13	June-13 (6-12-2013)	Jun-13	Jul-13	Sep-13	Nov-13	Mar-14	Jun-14	Sept-14	Dec-14	Mar-15	Jun-15	Sep-15	Feb-16	Mar-16	Sep-16	Mar-17				
MW-B1				ND	ND		ND		ND	ND				ND				ND					ND		ND		ND		ND		ND		ND		ND		ND		
MW-B2									ND	ND				ND				ND					ND		ND		ND		ND		ND		ND		ND		ND		
MW-B3									ND	ND				ND				ND					ND		ND		ND		ND		ND		ND		ND		ND		
MW-B4										ND				ND				ND					ND		ND		ND		ND		ND		ND		ND		ND		
FRW-1	620	10	43	ND	ND	8.3	79	ND	ND	3.0	10	150	130	170	190	60	15	110	290	6.1	8.7	27	110	11	8.6	4.5	12	5.8	1.2	1.9	1.6	5.9	7.9	1.6	6.3				
FRW-2	180	12	73	110	0.62	14	34	2.9	1.4	4.6	0.32 J	87	68	42	25	51	70	69	47	22	14	17	160	16	15	0.34 J	15	0.77	13	ND	0.35 J	5.2	1.2	0.39 J	0.52				
FRW-3	110	11	160	8.4	50	19	62	17	2.4	4.0	2.9	41	34	45	37	25	69	120	370	46	70	35	21	10	37	13	27	2.0	81	5.1	10	23	29	2.2	20				
FRW-4	ND	ND	ND	ND	ND	ND	0.52	ND	3.1	6.8	2.4	19	21	25	14	1.1	2.4	43	39	9.3	3.0	4.9	4.1	7.5	1.2	4.3	11	2.9	3.1	ND	0.61	4.4	5.4	3.8	2.2				
RW-1	ND		ND	ND	ND	ND	ND	ND	ND	ND				ND				ND					ND		ND		ND		ND		ND		ND		ND		ND		
RW-2	ND	0.65		ND	ND	ND	ND	ND	ND	ND	ND	ND		ND	ND	0.70	0.57	0.81	0.59		0.39 J	0.61	2.1	1.8	0.70	0.54	0.51	ND	ND	ND		ND	ND	ND	ND				
RW-3	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND		ND	ND	ND	ND	ND				ND		ND		ND		ND		ND		ND		ND		ND			
RW-4	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND		ND	ND	ND	ND	ND	ND			ND	ND	ND	ND	ND	ND	ND	ND	ND	0.28 J	1.7		ND	ND	ND			
RW-5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND		ND	ND	ND	ND	ND				ND		ND		ND		ND		ND		ND		ND		ND		ND	
RW-6	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND		ND	ND	ND	ND	ND	ND			ND	ND	ND	ND	0.28 J	0.54	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND		
RW-7	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND		ND	ND	ND	ND	ND	ND			ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND		
RW-8		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND		ND	ND	ND	ND	ND				ND		ND		ND		ND		ND		ND		ND		ND		ND	
RW-9	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND		ND	ND	ND	ND	ND				ND		ND		ND		ND		ND		ND		ND		ND		ND	
MW-28A	ND	ND	ND	24	ND	ND	ND	ND	ND	ND					ND	ND		1.7																				0.73	
MW-28B	ND		ND	ND	ND	ND	ND	ND	ND	ND					ND	ND		ND																				ND	
MW-42B	ND	ND		ND	ND	ND	ND	ND	ND	ND				ND				ND																				ND	
MW-43A	ND					ND			ND	ND				ND				ND							ND		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	
MW-43B	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND				ND				ND						ND		ND		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
MW-43C	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND				ND				ND						ND		ND		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
MW-44A	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND				ND				ND						ND		ND		ND		ND		ND		ND		ND		ND	
MW-44B	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND				ND				ND						ND		ND		ND		ND		ND		ND		ND		ND	
MW-44C	ND	ND		ND	ND	ND	ND	ND	ND	ND				ND				ND						ND		ND		ND		ND		ND		ND		ND		ND	
MW-45A	ND		ND	ND	ND	ND	ND	ND	ND	ND				ND	ND	ND		ND	ND					ND		ND		ND		ND		ND		ND		ND		ND	
MW-45B	ND		ND	ND	ND	ND	ND	ND	ND	ND				ND	ND	ND		ND	ND					ND		ND		ND		ND		ND		ND		ND		ND	
MW-46A	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND				ND				ND						ND		ND		ND		ND		ND		ND		ND		ND	
MW-46B					ND		ND		ND					ND				ND						ND		ND		ND		ND		ND		ND		ND		ND	
MW-47A		ND	ND		ND	ND	ND	ND	ND	ND				ND				ND						ND		ND		ND		ND		ND		ND		ND		dry	
MW-47B				ND	ND		ND		ND					ND				ND						ND		ND		ND		ND		ND		ND		ND		ND	
MW-48A							ND		ND															ND		ND		ND		ND		ND		ND		ND		ND	
MW-48B		ND		ND	ND		ND		ND	ND				ND										ND		ND		ND		ND		ND		ND		ND		ND	
MW-49A	ND		ND	ND	ND	ND	ND	ND	ND	ND	ND			ND				ND						ND		ND		ND		ND		ND		ND		ND		ND	
MW-49B	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND			ND				ND						ND		ND		ND		ND		ND		ND		ND		ND	
MW-49C	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND			ND				ND						ND		ND		ND		ND		ND		ND		ND		ND	
MW-50A							ND		ND					ND										ND		ND		ND		ND		ND		ND		ND		ND	
MW-50B		ND		ND	ND		ND		ND					ND										ND		ND		ND		ND		ND		ND		ND		ND	
MW-50C							ND		ND					ND										ND		ND		ND		ND		ND		ND		ND		ND	
MW-52A		ND		ND	ND		ND	ND	ND	ND				ND	ND	ND		ND						ND		ND		ND		ND		ND		ND		ND		ND	
MW-53		ND	ND	ND	ND	ND	ND	ND	ND	ND				ND				ND						ND		ND		ND		ND		ND		ND		ND		ND	
MW-54		ND	ND	ND	ND	ND	ND	ND	ND	ND				ND				ND						ND		ND		ND		ND		ND		ND		ND		ND	
MW-55					ND		ND		ND					ND																									
MW-56A		ND		ND	ND		ND		ND					ND				ND						ND															
MW-56B	ND	ND		ND	ND	ND	ND	ND	ND	ND				ND				ND						ND															
MW-56C	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND				ND				ND						ND															
MW-57A					ND																																		
MW-57B		ND		ND	ND		ND																																
MW-57C		ND		ND	ND		ND							ND											ND														
MW-58A																																							ND
MW-58B																																							ND
MW-59A																																							ND
MW-59B																																							ND

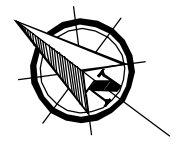
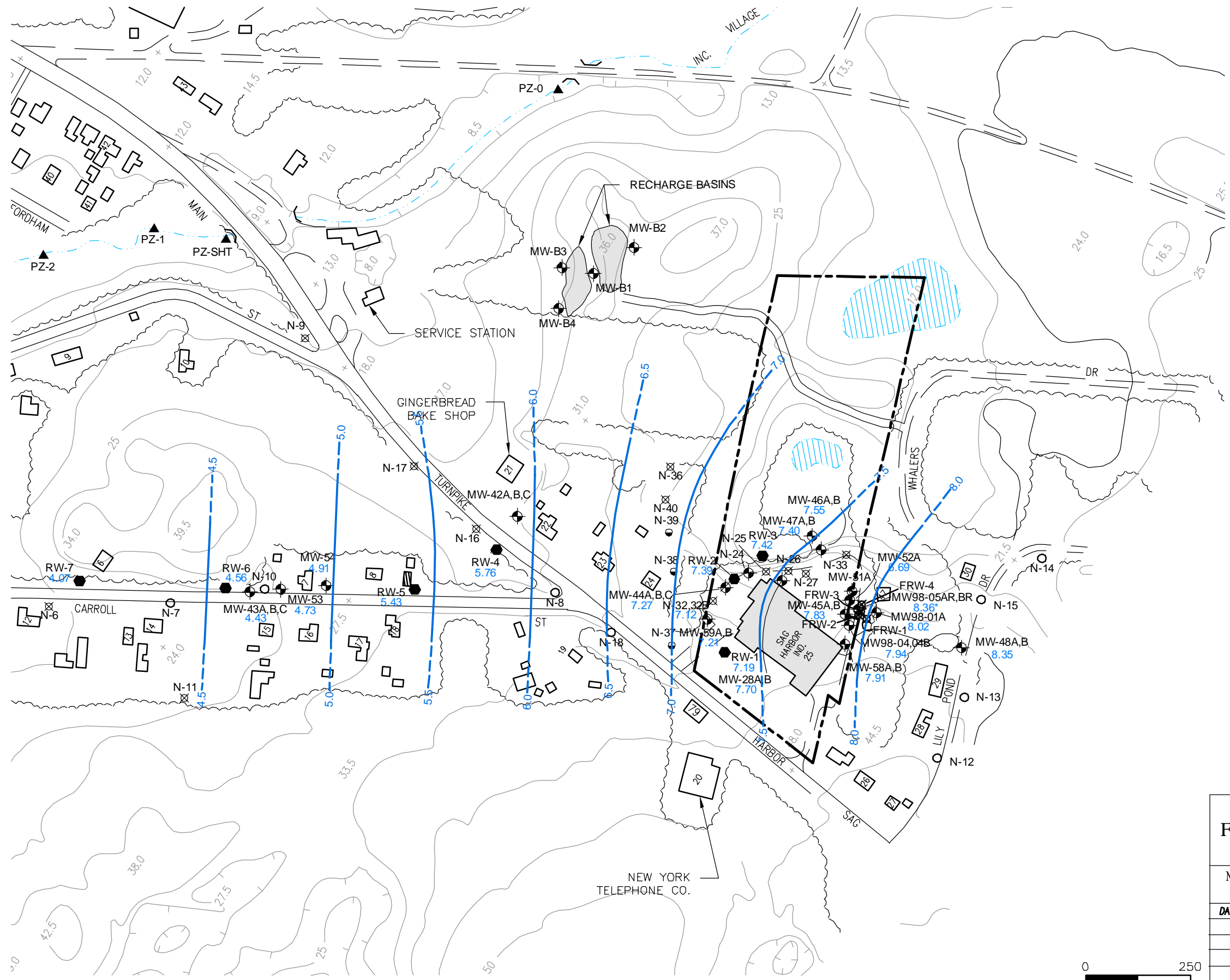


## **FIGURES**






O:\DWG\Nabsan\2017\F3Mar2017.dwg\_Layout1\_6/19/2017 8:37:10 AM AcroPlot.pc3



- LEGEND**
- PROPERTY BOUNDARY
  - LOCATED SC DHS WELL
  - REPAIRED SC DHS WELL
  - UNLOCATED SC DHS WELL
  - PROPERTY OWNERS WELL
  - PIEZOMETER
  - GROUNDWATER MONITOR WELL
  - RECOVERY WELL
  - FOCUSED REMEDIATION RECOVERY WELL (APPROXIMATE LOCATION)
  - GROUNDWATER ELEVATION CONTOUR LINE (DASHED WHERE INFERRED)
  - 4.43 GROUNDWATER ELEVATION IN FEET
  - ANOMALOUS READING NOT USED FOR CONTOURING

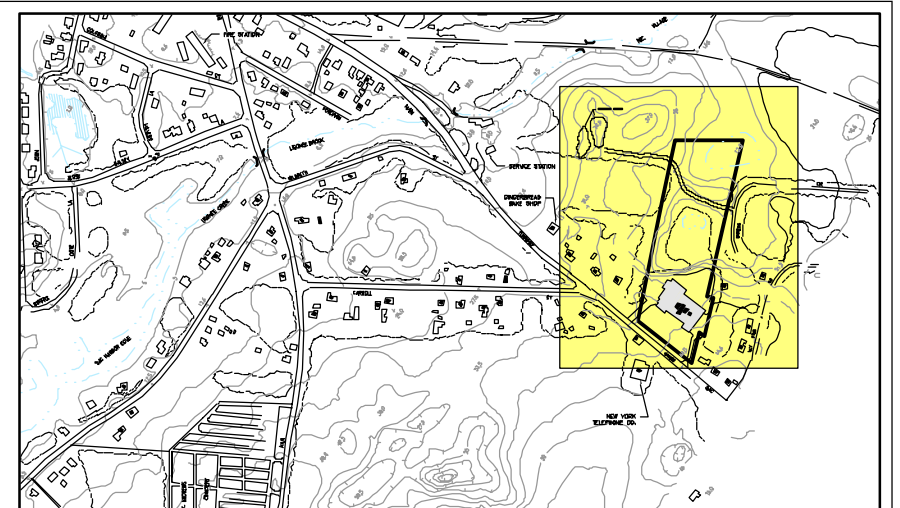
**GROUNDWATER REMEDIAL ACTION  
FORMER ROWE INDUSTRIES SUPERFUND SITE  
SAG HARBOR, NEW YORK**

MARCH 2017 GROUNDWATER ELEVATION CONTOUR MAP AND  
CAPTURE ZONE WITH FP&T AND FSP&T SYSTEMS OPERATING

DATE	REVISED	PREPARED BY:	LBG ENGINEERING SERVICES, P.C. Professional Environmental and Civil Engineers 4 Research Drive Suite 204 Shelton, Connecticut 06484 (203) 929-8555
			
<b>DRAWN:</b>	<b>RAC</b>	<b>CHECKED:</b>	<b>MG</b> <b>DATE:</b> 06/14/17 <b>FIGURE:</b> 3



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**KEY MAP**  
SCALE: 1" = 1000'

- LEGEND**
- LOCATED SC DHS WELL
  - REPAIRED SC DHS WELL
  - UNLOCATED SC DHS WELL
  - PROPERTY OWNERS WELL
  - GROUNDWATER MONITOR WELL
  - RECOVERY WELL
  - FOCUSED REMEDIATION RECOVERY WELL (APPROXIMATE LOCATION)
  - 7.50 — GROUNDWATER ELEVATION CONTOUR LINE (DASHED WHERE INFERRED)
  - APPROXIMATE CAPTURE ZONE
  - 2.88 GROUNDWATER ELEVATION IN FEET

**NOTE:**  
1. MW98 MONITOR WELL LOCATIONS ARE APPROXIMATE.  
2. GROUNDWATER ELEVATIONS WITH RW-2 AND FRWs OPERATING.

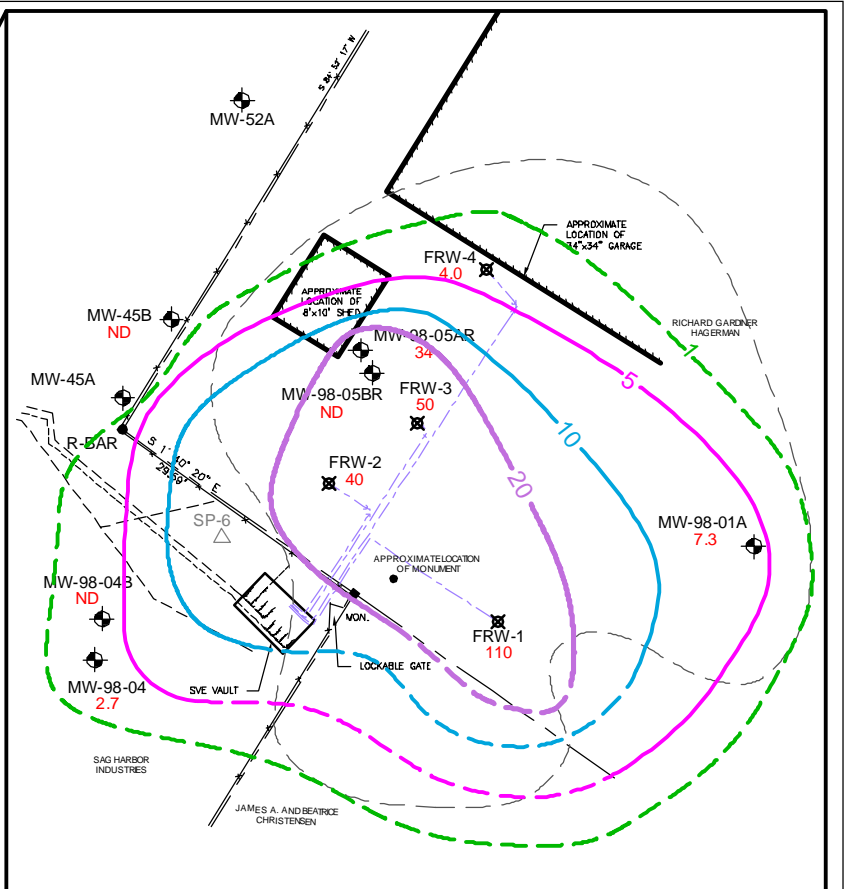
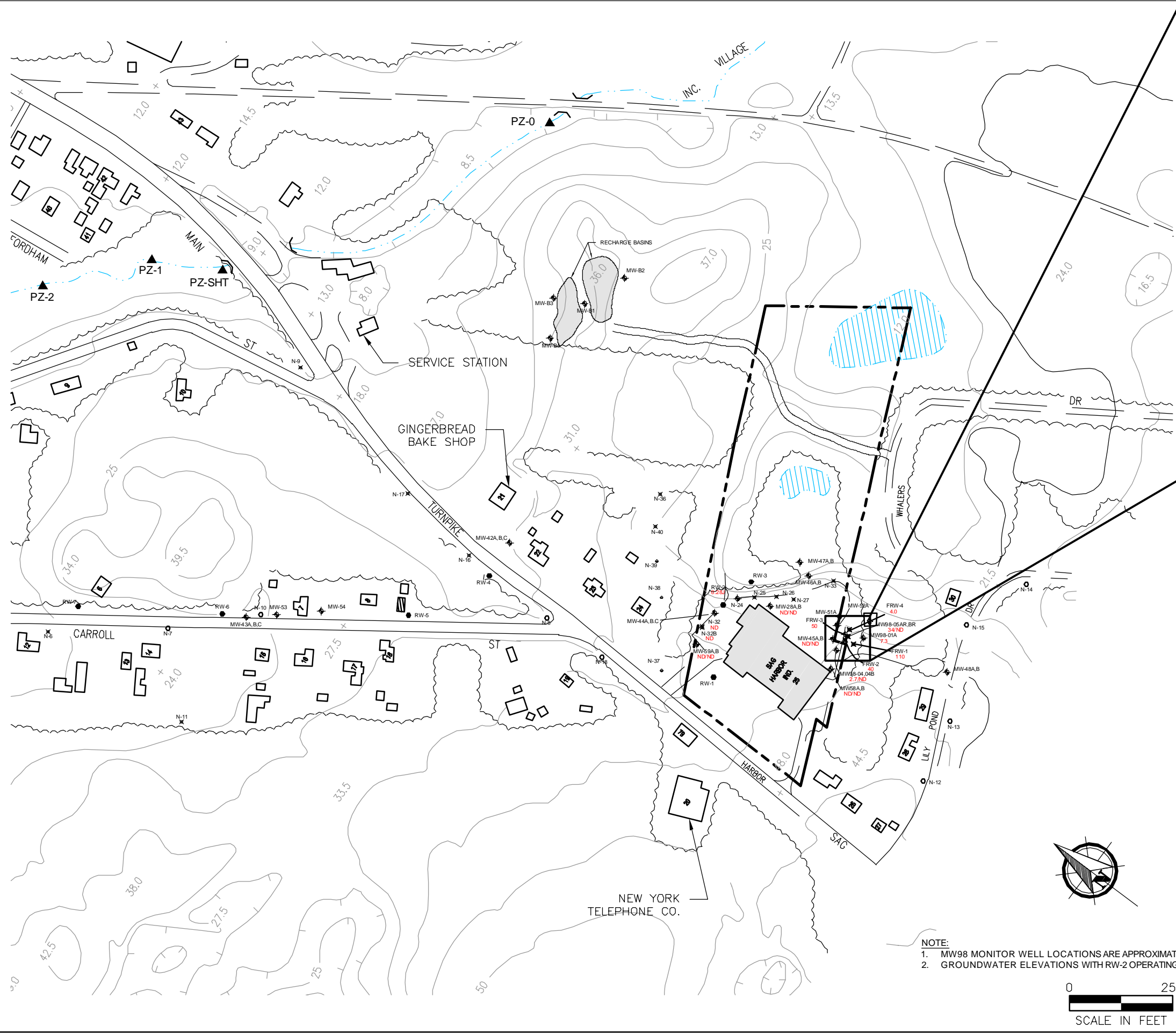
**GROUNDWATER REMEDIAL ACTION  
FORMER ROWE INDUSTRIES SUPERFUND SITE  
SAG HARBOR, NEW YORK**

MARCH 2017 GROUNDWATER ELEVATION CONTOUR MAP AND  
CAPTURE ZONE WITH FP&T AND FSP&T SYSTEMS OPERATING

DATE	REVISED	PREPARED BY:
		<b>LBG ENGINEERING SERVICES, P.C.</b> Professional Environmental and Civil Engineers 4 Research Drive Suite 204 Shelton, Connecticut 06484 (203) 929-8555
<b>DRAWN:</b>	<b>RAC</b>	<b>CHECKED:</b> <b>MG</b> <b>DATE:</b> <b>06/19/17</b> <b>FIGURE:</b> <b>4</b>



O:\DWG\Nabsan\2017\F5Mar2017\_PCE.dwg, Layout1, 6/19/2017 8:43:22 AM, ActrP1.plt,3

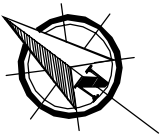


**BLOWUP MAP**  
SCALE: 1" = 20'

**LEGEND**

- LOCATED SCDS WELL
- REPAIRED SCDS WELL
- UNLOCATED SCDS WELL
- PROPERTY OWNERS WELL
- GROUNDWATER MONITOR WELL
- RECOVERY WELL
- FOCUSED REMEDIATION RECOVERY WELL (APPROXIMATE LOCATION)
- 25 PCE CONCENTRATION (ppb)
- ND NOT DETECTED
- APPROXIMATE EXTENT OF SHALLOW CLAY LENS
- PCE CONCENTRATION CONTOURS (ppb) (DASHED WHERE INFERRED)

**NOTE:**  
1. MW98 MONITOR WELL LOCATIONS ARE APPROXIMATE.  
2. GROUNDWATER ELEVATIONS WITH RW-2 OPERATING.



**GROUNDWATER REMEDIAL ACTION  
FORMER ROWE INDUSTRIES SUPERFUND SITE  
SAG HARBOR, NEW YORK**

MARCH 2017 PCE PLUME MAP

DATE	REVISED	PREPARED BY:
		<b>LBG ENGINEERING SERVICES, P.C.</b> Professional Environmental and Civil Engineers 4 Research Drive Suite 204 Shelton, Connecticut 06484 (203) 929-8555
<b>DRAWN:</b>	<b>RAC</b>	<b>CHECKED:</b> <b>MG</b> <b>DATE:</b> <b>06/19/17</b> <b>FIGURE:</b> <b>5</b>

**APPENDIX I**

**Low-Flow Sampling Logs**



Leggette, Brashears & Graham, Inc.

PAGE 1 OF 1

SAMPLE DATE: 3-28-17

low-flow sampling log

TOTAL # WELLS: \_\_\_\_\_

Client Name: Rowe Industries Sample Pump: geopump (peristaltic)

Project Location: Sag Harbor, NY Tubing Type: PE & Silicone

Sampler(s): TS Monitoring Equipment: Horiba

Well I.D. MW-28A Screen Setting (ft btoc): 30 to 40

Well Diameter (inches): 2" Tubing Intake (ft btoc): ~35

Total Depth (ft btoc): 38.9 Comments: Pump on @ 12:33

Depth to Water (ft btoc): 18.36 Time: 1207 Well condition: good

Time (hours)	Depth to Water (ft btoc)	Evacuation Rate (ml/min)	Water Quality Monitoring Parameters					
			pH	Conductivity ( $\mu$ s/cm)	Turbidity (NTU)	Dissolved oxygen (mg/l)	Temperature ( $^{\circ}$ C)	ORP (mv)
1237		300	6.34	0.201	36.7	4.06	11.17	-62
1240			6.24	0.209	112	3.13	11.24	-54
1243			6.19	0.208	105	2.75	11.30	-51
1246			6.17	0.209	103	2.57	11.25	-47
1249		↓	6.15	0.209	100	2.39	11.27	-45
1252			6.14	0.208	105	2.20	11.23	-44

Total Volume of Groundwater Purged (gal): ~1.75

Stabilization of Parameters (stabilization achieved for three consecutive measurements)

Time		Depth to Water (ft btoc)	Evacuation Rate (ml/min)	pH	Conductivity ( $\mu$ s/cm)	Turbidity (NTU)	Dissolved oxygen (mg/l)	Temperature ( $^{\circ}$ C)	ORP (mv)
FROM	TO								
1237	1240			0.1 ✓	0.008 x	75.3	0.93 x	0.07 ✓	8 ✓
1240	1243			0.05 ✓	0.001 ✓	7 ✓	0.38 x	0.06 ✓	3 ✓
1243	1246			0.02 ✓	0.001 ✓	2 ✓	0.18 ✓	0.05 ✓	4 ✓
1246	1249			0.02 ✓	— ✓	3 ✓	0.18 ✓	0.02 ✓	2 ✓
1249	1252			0.01 ✓	0.001 ✓	5 ✓	0.19 ✓	0.04 ✓	1 ✓

Recommended Stabilization	+/- 0.3	100-500	+/- 0.1	+/- 3%	+/- 10%	+/- 10%	+/- 3%	+/- 10
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Stabilization: (Yes/No)	<u>Y</u>	<u>Y</u>	<u>Y</u>	<u>Y</u>	<u>Y</u>	<u>Y</u>	<u>Y</u>	<u>Y</u>
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Sample Time: 1255 Reviewed by: [Signature]

ft btoc      feet below top of casing      NTU Nephelometric Turbidity Units       $^{\circ}$ C      degrees Celsius  
ml/min      milliliters per minute      mg/l milligrams per liter      mv      millivolts  
 $\mu$ s/cm      microsemons per centimeter



low-flow sampling log

Client Name: Rowe Industries Sample Pump: geopump (peristaltic)

Project Location: Sag Harbor, NY Tubing Type: PE & Silicone

Sampler(s): TS Monitoring Equipment: Horiba

Well I.D. HW-28B Screen Setting (ft btoc): 40 to 50

Well Diameter (inches): 2" Tubing Intake (ft btoc): ~45

Total Depth (ft btoc): 50.3 Comments: Pump on @ 11:57

Depth to Water (ft btoc): 18.29 Time: 1152 Well condition: good

Time (hours)	Depth to Water (ft btoc)	Evacuation Rate (ml/min)	Water Quality Monitoring Parameters					
			pH	Conductivity (µs/cm)	Turbidity (NTU)	Dissolved oxygen (mg/l)	Temperature (°C)	ORP (mv)
1210		300	6.70	0.142	4.9	6.45	11.17	111
1213			6.70	0.147	4.6	5.85	11.16	114
1216	18.32		6.69	0.147	4.9	5.70	11.15	116
1219			6.67	0.146	4.7	5.44	11.13	117
1222		↓	6.65	0.146	4.8	5.36	11.11	116

Total Volume of Groundwater Purged (gal): ~2

Stabilization of Parameters (stabilization achieved for three consecutive measurements)

Time		Depth to Water (ft btoc)	Evacuation Rate (ml/min)	pH	Conductivity (µs/cm)	Turbidity (NTU)	Dissolved oxygen (mg/l)	Temperature (°C)	ORP (mv)
FROM	TO								
1210	1213			- ✓	0.005x	0.3 ✓	0.6 ✓	0.01 ✓	3 ✓
1213	1216			0.01 ✓	- ✓	0.3 ✓	0.15 ✓	0.01 ✓	2 ✓
1216	1219			0.02 ✓	0.001 ✓	0.2 ✓	0.26 ✓	0.02 ✓	1 ✓
1219	1222			0.02 ✓	- ✓	0.1 ✓	0.08 ✓	0.02 ✓	1 ✓

Recommended Stabilization: +/- 0.3, 100-500, +/- 0.1, +/- 3%, +/- 10%, +/- 10%, +/- 3%, +/- 10

Stabilization: (Yes/No) Y Y Y Y Y Y Y Y Y

Sample Time: 1225 Reviewed by: [Signature]

ft btoc feet below top of casing NTU Nephelometric Turbidity Units °C degrees Celsius  
 ml/min milliliters per minute mg/l milligrams per liter mv millivolts  
 µs/cm microseimons per centimeter



low-flow sampling log

Client Name: Rowe Industries Sample Pump: geopump (peristaltic)  
 Project Location: Sag Harbor, NY Tubing Type: PE & Silicone  
 Sampler(s): TS Monitoring Equipment: Horiba  
 Well I.D. HW-45A Screen Setting (ft btoc): 13.9 to 28.9  
 Well Diameter (inches): 2" Tubing Intake (ft btoc): ~25'  
 Total Depth (ft btoc): N/A Comments: Pump on @ 15:20  
 Depth to Water (ft btoc): 19.96 Time: 1425 Well condition: good

Time (hours)	Depth to Water (ft btoc)	Evacuation Rate (ml/min)	Water Quality Monitoring Parameters					
			pH	Conductivity (µs/cm)	Turbidity (NTU)	Dissolved oxygen (mg/l)	Temperature (°C)	ORP (mv)
1533		~300	6.10	0.145	2.6	2.71	14.39	129
1536	19.98	↓	6.08	0.144	2.6	2.46	14.36	124
1539		↓	6.04	0.143	2.4	2.24	14.37	127
1542	19.98	↓	6.03	0.145	2.2	2.13	14.27	126

Total Volume of Groundwater Purged (gal): ~2

Stabilization of Parameters (stabilization achieved for three consecutive measurements)

Time		Depth to Water (ft btoc)	Evacuation Rate (ml/min)	pH	Conductivity (µs/cm)	Turbidity (NTU)	Dissolved oxygen (mg/l)	Temperature (°C)	ORP (mv)
FROM	TO								
1533	1536			0.02 ✓	0.001 ✓	- ✓	0.25 ✓	0.03 ✓	- ✓
1536	1539			0.04 ✓	0.001 ✓	0.2 ✓	0.22 ✓	0.01 ✓	2 ✓
1539	1542			0.01 ✓	0.002 ✓	0.2 ✓	0.11 ✓	0.1 ✓	1 ✓

Recommended Stabilization	+/- 0.3	100-500	+/- 0.1	+/- 3%	+/- 10%	+/- 10%	+/- 3%	+/- 10
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Stabilization: (Yes/No)	Y	Y	Y	Y	Y	Y	Y	Y
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Sample Time: 1545 Reviewed by: [Signature]

ft btoc feet below top of casing NTU Nephelometric Turbidity Units °C degrees Celsius  
 ml/min milliliters per minute mg/l milligrams per liter mv millivolts  
 µs/cm microseimons per centimeter

*Slug of Iron bacteria in beginning.*



low-flow sampling log

Client Name: Rowe Industries Sample Pump: geopump (peristaltic)

Project Location: Sag Harbor, NY Tubing Type: PE & Silicone

Sampler(s): T.S. Monitoring Equipment: Horiba

Well I.D. HW-45B Screen Setting (ft btoc): 40.5 to 50.5

Well Diameter (inches): 2" Tubing Intake (ft btoc): N 45 ft

Total Depth (ft btoc): 57.3 Comments: Pump on @ 14:40

Depth to Water (ft btoc): 19.80 Time: 14:24 Well condition: Buried in sand but good.

Time (hours)	Depth to Water (ft btoc)	Evacuation Rate (ml/min)	Water Quality Monitoring Parameters					
			pH	Conductivity ( $\mu$ s/cm)	Turbidity (NTU)	Dissolved oxygen (mg/l)	Temperature ( $^{\circ}$ C)	ORP (mv)
1457	19.90	300	5.46	0.142	4.5	5.94	14.20	174
1500			5.36	0.140	4.2	5.18	14.27	153
1503			5.38	0.144	3.9	4.91	14.30	145
1506	19.90		5.38	0.144	3.7	4.81	14.34	144
1509			5.39	0.140	3.4	4.65	14.39	137

Total Volume of Groundwater Purged (gal): 22.25

Stabilization of Parameters (stabilization achieved for three consecutive measurements)

Time		Depth to Water (ft btoc)	Evacuation Rate (ml/min)	pH	Conductivity ( $\mu$ s/cm)	Turbidity (NTU)	Dissolved oxygen (mg/l)	Temperature ( $^{\circ}$ C)	ORP (mv)
FROM	TO								
1457	1500			0.10 $\checkmark$	0.002 $\checkmark$	0.3 $\checkmark$	0.76 $\times$	0.07 $\checkmark$	21 $\times$
1500	1503			0.02 $\checkmark$	0.004 $\checkmark$	0.3 $\checkmark$	0.27 $\checkmark$	0.03 $\checkmark$	8 $\checkmark$
1503	1506			- $\checkmark$	- $\checkmark$	0.2 $\checkmark$	0.10 $\checkmark$	0.04 $\checkmark$	1 $\checkmark$
1506	1509			0.01 $\checkmark$	0.004 $\checkmark$	0.2 $\checkmark$	0.16 $\checkmark$	0.05 $\checkmark$	7 $\checkmark$

Recommended Stabilization: +/- 0.3, 100-500, +/- 0.1, +/- 3%, +/- 10%, +/- 10%, +/- 3%, +/- 10

Stabilization: (Yes/No) Y Y Y Y Y Y Y Y

Sample Time: 1510 Reviewed by: [Signature]

ft btoc feet below top of casing NTU Nephelometric Turbidity Units  $^{\circ}$ C degrees Celsius  
 ml/min milliliters per minute mg/l milligrams per liter mv millivolts  
 $\mu$ s/cm microseimons per centimeter



low-flow sampling log

Client Name: Rowe Industries Sample Pump: geopump (peristaltic)

Project Location: Sag Harbor, NY Tubing Type: PE & Silicone

Sampler(s): T.S Monitoring Equipment: Horiba

Well I.D. HW-5PA Screen Setting (ft btoc): 20 to 30

Well Diameter (inches): 2" Tubing Intake (ft btoc): ~25

Total Depth (ft btoc): NH Comments: Pump on @ 17:45

Depth to Water (ft btoc): 23.60 Time: 1741 Well condition: good (well plug sheared)

Time (hours)	Depth to Water (ft btoc)	Evacuation Rate (ml/min)	Water Quality Monitoring Parameters					
			pH	Conductivity ( $\mu$ S/cm)	Turbidity (NTU)	Dissolved oxygen (mg/l)	Temperature (°C)	ORP (mv)
1751		300	6.16	0.001	20.1	11.21	11.55	134
1754		↓	6.16	0.002	19.3	10.99	11.56	131
1757	23.68	↓	6.15	0.001	18.7	9.99	11.57	130
1800		↓	6.16	0.001	17.8	9.76	11.58	128

Total Volume of Groundwater Purged (gal): ~1

Stabilization of Parameters (stabilization achieved for three consecutive measurements)

Time		Depth to Water (ft btoc)	Evacuation Rate (ml/min)	pH	Conductivity ( $\mu$ S/cm)	Turbidity (NTU)	Dissolved oxygen (mg/l)	Temperature (°C)	ORP (mv)
FROM	TO								
1751	1754			~	0.001 ✓	0.8 ✓	0.22 ✓	0.01 ✓	3 ✓
1754	1757			0.01 ✓	0.001 ✓	0.6 ✓	1.00 ✓	0.01 ✓	1 ✓
1757	1800			0.01 ✓	~ ✓	0.9 ✓	0.23 ✓	0.01 ✓	2 ✓
Recommended Stabilization		+/- 0.3	100-500	+/- 0.1	+/- 3%	+/- 10%	+/- 10%	+/- 3%	+/- 10
Stabilization: (Yes/No)				Y	Y	Y	Y	Y	Y

Sample Time: 1800 Reviewed by: ABM

ft btoc      feet below top of casing      NTU Nephelometric Turbidity Units      °C      degrees Celsius  
ml/min      milliliters per minute      mg/l milligrams per liter      mv      millivolts  
 $\mu$ S/cm      microseimons per centimeter



low-flow sampling log

Client Name: Rowe Industries Sample Pump: geopump (peristaltic)  
 Project Location: Sag Harbor, NY Tubing Type: PE & Silicone  
 Sampler(s): TS Monitoring Equipment: Horiba  
 Well I.D. HW-5815 Screen Setting (ft btoc): 35 to 45  
 Well Diameter (inches): 2" Tubing Intake (ft btoc): ~40  
 Total Depth (ft btoc): — Comments: Pump on @ 18:08  
 Depth to Water (ft btoc): 23.55 Time: 1746 Well condition: good

Time (hours)	Depth to Water (ft btoc)	Evacuation Rate (ml/min)	Water Quality Monitoring Parameters					
			pH	Conductivity <sup>m</sup> (µs/cm)	Turbidity (NTU)	Dissolved oxygen (mg/l)	Temperature (°C)	ORP (mv)
1814		300	6.43	0.002	5.2	9.64	11.75	130
1817	23.62	↓	6.38	0.002	3.6	9.61	11.78	129
1820		↓	6.37	0.002	3.7	9.59	11.82	130
1823		↓	6.36	0.001	3.8	9.61	11.81	130
1825	23.62	↓	6.35	0.001	3.6	9.77	11.83	130

Total Volume of Groundwater Purged (gal): ~1.25

Stabilization of Parameters (stabilization achieved for three consecutive measurements)

Time		Depth to Water (ft btoc)	Evacuation Rate (ml/min)	pH	Conductivity (µs/cm)	Turbidity (NTU)	Dissolved oxygen (mg/l)	Temperature (°C)	ORP (mv)
FROM	TO								
1814	1817			0.05 ✓	— ✓	1.6 X	0.03 ✓	0.03 ✓	1 ✓
1817	1820			0.01 ✓	— ✓	0.1 ✓	0.02 ✓	0.04 ✓	1 ✓
1820	1823			0.01 ✓	0.001 ✓	0.1 ✓	0.02 ✓	0.01 ✓	— ✓
1823	1825			0.01 ✓	— ✓	0.2 ✓	0.16 ✓		
Recommended Stabilization		+/- 0.3	100-500	+/- 0.1	+/- 3%	+/- 10%	+/- 10%	+/- 3%	+/- 10
Stabilization: (Yes/No)		Y	Y	Y	Y	Y	Y	Y	Y

Sample Time: 1825 Reviewed by: [Signature]

ft btoc feet below top of casing NTU Nephelometric Turbidity Units °C degrees Celsius  
 ml/min milliliters per minute mg/l milligrams per liter mv millivolts  
 µs/cm microseimens per centimeter



low-flow sampling log

Client Name: Rowe Industries Sample Pump: geopump (peristaltic)  
 Project Location: Sag Harbor, NY Tubing Type: PE & Silicone  
 Sampler(s): TS Monitoring Equipment: Horiba  
 Well I.D. MW-54A Screen Setting (ft btoc): 17 to 27  
 Well Diameter (inches): 2" Tubing Intake (ft btoc): ~27.5  
 Total Depth (ft btoc): 27.85 Comments: Pump on @ 08:34  
 Depth to Water (ft btoc): 26.67 Time: 0826 Well condition: good

Time (hours)	Depth to Water (ft btoc)	Evacuation Rate (ml/min)	Water Quality Monitoring Parameters					
			pH	Conductivity <sup>m</sup> (µs/cm)	Turbidity (NTU)	Dissolved oxygen (mg/l)	Temperature (°C)	ORP (mv)
0840		200	4.73	0.869	8.7	7.95	17.15	214
0843			4.77	0.817	8.9	4.14	16.65	220
0846	27.5	Well went dry, stop pumping & allow to recover.						
0849		0905	DTW	27.36				
0852		0933	DTW	27.19				
0935	collected a grab sample							

Total Volume of Groundwater Purged (gal): ~75

Stabilization of Parameters (stabilization achieved for three consecutive measurements)

Time		Depth to Water (ft btoc)	Evacuation Rate (ml/min)	pH	Conductivity (µs/cm)	Turbidity (NTU)	Dissolved oxygen (mg/l)	Temperature (°C)	ORP (mv)
FROM	TO								
0840	0843			0.04 ✓	0.008 ✓	0.2 ✓	3.81 x	0.5 ✓	6 ✓
0843	0846								
0846	0849								
0849	0852								
Recommended Stabilization		+/- 0.3	100-500	+/- 0.1	+/- 3%	+/- 10%	+/- 10%	+/- 3%	+/- 10
Stabilization: (Yes/No)									

Sample Time: 0935 grab sample Reviewed by: [Signature]

ft btoc      feet below top of casing      NTU Nephelometric Turbidity Units      °C      degrees Celsius  
 ml/min      milliliters per minute      mg/l milligrams per liter      mv      millivolts  
 µs/cm      microseimons per centimeter



low-flow sampling log

Client Name: Rowe Industries Sample Pump: geopump (peristaltic)  
 Project Location: Sag Harbor, NY Tubing Type: PE & Silicone  
 Sampler(s): TS Monitoring Equipment: Horiba  
 Well I.D. MW-59B Screen Setting (ft btoc): 32 to 42  
 Well Diameter (inches): 2" Tubing Intake (ft btoc): ~37  
 Total Depth (ft btoc): — NH Comments: Pump on @ 9:00  
 Depth to Water (ft btoc): 26.68 Time: 838 Well condition: good

Time (hours)	Depth to Water (ft btoc)	Evacuation Rate (ml/min)	Water Quality Monitoring Parameters					
			pH	Conductivity <sup>m</sup> (µs/cm)	Turbidity (NTU)	Dissolved oxygen (mg/l)	Temperature (°C)	ORP (mv)
0907		300	5.52	0.309	2.6	3.45	13.79	180
0910			5.56	0.270	1.8	2.69	13.52	178
0913			5.60	0.260	1.5	2.29	13.12	175
0916	26.82		5.62	0.255	1.5	2.15	13.01	175
0919			5.61	0.252	1.7	2.09	12.98	174
0922		↓	5.65	0.249	1.5	2.08	12.98	174

Total Volume of Groundwater Purged (gal): ~2

Stabilization of Parameters (stabilization achieved for three consecutive measurements)

Time		Depth to Water (ft btoc)	Evacuation Rate (ml/min)	pH	Conductivity (µs/cm)	Turbidity (NTU)	Dissolved oxygen (mg/l)	Temperature (°C)	ORP (mv)
FROM	TO								
0907	0910			0.04 ✓	0.039 x	0.8 x	0.76 x	0.27 ✓	2 ✓
0910	0913			0.04 ✓	0.01 x	0.3 x	0.40 x	0.40 ✓	3 ✓
0913	0916			0.02 ✓	0.005 ✓	— ✓	0.14 ✓	0.11 ✓	— ✓
0916	919			0.01 ✓	0.003 ✓	0.2 x	0.06 ✓	0.03 ✓	1 ✓
0919	0922			0.04 ✓	0.03 ✓	0.2 x	0.01 ✓	— ✓	— ✓

Recommended Stabilization	+/- 0.3	100-500	+/- 0.1	+/- 3%	+/- 10%	+/- 10%	+/- 3%	+/- 10
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Stabilization: (Yes/No)	Y	Y	Y	Y	N	Y	Y	Y
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Sample Time: 0925 Reviewed by: [Signature]

ft btoc feet below top of casing NTU Nephelometric Turbidity Units °C degrees Celsius  
 ml/min milliliters per minute mg/l milligrams per liter mv millivolts  
 µs/cm microseimens per centimeter



low-flow sampling log

Client Name: Rowe Industries Sample Pump: geopump (peristaltic)  
 Project Location: Sag Harbor, NY Tubing Type: PE & Silicone  
 Sampler(s): TS Monitoring Equipment: Horiba  
 Well I.D. MW-98-01A Screen Setting (ft btoc): 17 to 27  
 Well Diameter (inches): 2" Tubing Intake (ft btoc): N25  
 Total Depth (ft btoc): 27 Comments: Pump on @ 8:55  
 Depth to Water (ft btoc): 22.44 Time: 844 Well condition: good

Time (hours)	Depth to Water (ft btoc)	Evacuation Rate (ml/min)	Water Quality Monitoring Parameters					
			pH	Conductivity ( $\mu$ s/cm)	Turbidity (NTU)	Dissolved oxygen (mg/l)	Temperature ( $^{\circ}$ C)	ORP (mv)
907		300	5.76	0.191	24.5	4.20	11.37	93
910	22.50	↓	5.59	0.189	19.4	3.67	11.16	111
913		↓	5.55	0.187	18.9	3.39	11.12	121
916		↓	5.53	0.186	17.6	3.22	11.10	129
919	22.60	↓	5.48	0.185	17.2	3.01	11.07	129

Total Volume of Groundwater Purged (gal): N2

Stabilization of Parameters (stabilization achieved for three consecutive measurements)

Time		Depth to Water (ft btoc)	Evacuation Rate (ml/min)	pH	Conductivity ( $\mu$ s/cm)	Turbidity (NTU)	Dissolved oxygen (mg/l)	Temperature ( $^{\circ}$ C)	ORP (mv)
FROM	TO								
907	910			0.26 ✓	0.002 ✓	10.1 ✗	0.53 ✗	0.21 ✓	18 ✗
910	913			0.04 ✓	0.002 ✓	0.5 ✓	0.28 ✓	0.04 ✓	10 ✓
913	916			0.02 ✓	0.001 ✓	1.3 ✓	0.17 ✓	0.02 ✓	8 ✓
916	919			0.05 ✓	0.001 ✓	0.4 ✓	0.21 ✓	0.03 ✓	- ✓

Recommended Stabilization	+/- 0.3	100-500	+/- 0.1	+/- 3%	+/- 10%	+/- 10%	+/- 3%	+/- 10
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Stabilization: (Yes/No)	Y	Y	Y	Y	Y	Y	Y	Y
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Sample Time: 920 Reviewed by: [Signature]

ft btoc      feet below top of casing      NTU Nephelometric Turbidity Units       $^{\circ}$ C      degrees Celsius  
 ml/min      milliliters per minute      mg/l milligrams per liter      mv      millivolts  
 $\mu$ s/cm      microsemons per centimeter



low-flow sampling log

Client Name: Rowe Industries Sample Pump: geopump (peristaltic)  
 Project Location: Sag Harbor, NY Tubing Type: PE & Silicone  
 Sampler(s): TS Monitoring Equipment: Horiba  
 Well I.D. HW-98-04 (HS/HSD) Screen Setting (ft btoc): 16.5 to 26.5  
 Well Diameter (inches): 2" Tubing Intake (ft btoc): ~24  
 Total Depth (ft btoc): 411 Comments: Pump on @ 16:50  
 Depth to Water (ft btoc): 20.10 Time: 1609 Well condition: good

Time (hours)	Depth to Water (ft btoc)	Evacuation Rate (ml/min)	Water Quality Monitoring Parameters					
			pH	Conductivity m (µs/cm)	Turbidity (NTU)	Dissolved oxygen (mg/l)	Temperature (°C)	ORP (mv)
1705		300	5.76	0.178	7.7	5.56	11.86	92
1708		↓	5.66	0.180	6.9	4.88	11.80	99
1711	20.21	↓	5.60	0.181	6.9	4.68	11.77	103
1714		↓	5.59	0.181	6.2	4.49	11.72	102
1717		↓	5.58	0.181	5.9	4.62	11.69	100

Total Volume of Groundwater Purged (gal): ~2.25

Stabilization of Parameters (stabilization achieved for three consecutive measurements)

Time		Depth to Water (ft btoc)	Evacuation Rate (ml/min)	pH	Conductivity (µs/cm)	Turbidity (NTU)	Dissolved oxygen (mg/l)	Temperature (°C)	ORP (mv)
FROM	TO								
1705	1708			0.1 ✓	0.002 ✓	0.8 x	0.68 x	0.06 ✓	7 ✓
1708	1711			0.06 ✓	0.001 ✓	- ✓	0.20 ✓	0.03 ✓	4 ✓
1711	1714			0.01 ✓	- ✓	0.7 ✓	0.19 ✓	0.03 ✓	1 ✓
1714	1717			0.01 ✓	- ✓	0.3 ✓	0.13 ✓	0.03 ✓	2 ✓

Recommended Stabilization: +/- 0.3, 100-500, +/- 0.1, +/- 3%, +/- 10%, +/- 10%, +/- 3%, +/- 10

Stabilization: (Yes/No) Y Y Y Y Y Y Y Y

Sample Time: 1720 Reviewed by: [Signature]

ft btoc feet below top of casing NTU Nephelometric Turbidity Units °C degrees Celsius  
 ml/min milliliters per minute mg/l milligrams per liter mv millivolts  
 µs/cm microseimons per centimeter

\* Pumping a lot of iron bacteria! more than historically.



low-flow sampling log

Client Name: Rowe Industries Sample Pump: geopump (peristaltic)

Project Location: Sag Harbor, NY Tubing Type: PE & Silicone

Sampler(s): TS Monitoring Equipment: Horiba

Well I.D. HW-9P-04B / HW A Screen Setting (ft btoc): 30 to 40

Well Diameter (inches): 2" Tubing Intake (ft btoc): ~35

Total Depth (ft btoc): 44 Comments: Pump on @ 16:15

Depth to Water (ft btoc): 20.00 Time: 1608 Well condition: good

Time (hours)	Depth to Water (ft btoc)	Evacuation Rate (ml/min)	Water Quality Monitoring Parameters					
			pH	Conductivity <sup>m</sup> ( $\mu$ s/cm)	Turbidity (NTU)	Dissolved oxygen (mg/l)	Temperature ( $^{\circ}$ C)	ORP (mv)
1625		300	5.98	0.130	5.1	4.85	12.87	178
1628	20.12	↓	5.96	0.140	3.9	4.65	12.77	190
1631		↓	5.98	0.142	3.7	4.50	12.73	200
1634		↓	5.98	0.144	3.9	4.76	12.69	207
1637	20.14	↓	6.00	0.143	3.6	4.52	12.44	213

Total Volume of Groundwater Purged (gal): ~2.25

Stabilization of Parameters (stabilization achieved for three consecutive measurements)

Time		Depth to Water (ft btoc)	Evacuation Rate (ml/min)	pH	Conductivity ( $\mu$ s/cm)	Turbidity (NTU)	Dissolved oxygen (mg/l)	Temperature ( $^{\circ}$ C)	ORP (mv)
FROM	TO								
1625	1628			0.02 ✓	— ✓	1.2 x	0.20 ✓	0.10 ✓	12 x
1628	1631			0.02 ✓	0.002 ✓	0.2 ✓	0.15 ✓	0.04 ✓	10 ✓
1631	1634			— ✓	0.002 ✓	0.2 ✓	0.26 ✓	0.04 ✓	7 ✓
1634	1637			0.02 ✓	0.001 ✓	0.3 ✓	0.24 ✓	0.25 ✓	6 ✓

Recommended Stabilization	+/- 0.3	100-500	+/- 0.1	+/- 3%	+/- 10%	+/- 10%	+/- 3%	+/- 10
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Stabilization: (Yes/No)	Y	Y	Y	Y	Y	Y	Y	Y
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Sample Time: 1640 / 1645 Reviewed by: [Signature]

ft btoc      feet below top of casing      NTU Nephelometric Turbidity Units       $^{\circ}$ C      degrees Celsius  
 ml/min      milliliters per minute      mg/l milligrams per liter      mv      millivolts  
 $\mu$ s/cm      microseimons per centimeter



low-flow sampling log

TOTAL # WELLS: \_\_\_\_\_

Client Name: Rowe Industries Sample Pump: geopump (peristaltic)  
 Project Location: Sag Harbor, NY Tubing Type: PE & Silicone  
 Sampler(s): T.S. Monitoring Equipment: Horiba  
 Well I.D. HW-98-05AR Screen Setting (ft btoc): 18 to 28  
 Well Diameter (inches): 2" Tubing Intake (ft btoc): ~24  
 Total Depth (ft btoc): 28.2 Comments: Pump on @ 10:19  
 Depth to Water (ft btoc): 21.81 Time: 941 Well condition: good

Time (hours)	Depth to Water (ft btoc)	Evacuation Rate (ml/min)	Water Quality Monitoring Parameters					
			pH	Conductivity m (µs/cm)	Turbidity (NTU)	Dissolved oxygen (mg/l)	Temperature (°C)	ORP (mv)
1025		300	5.47	0.235	29.0	3.04	11.85	138
1028			5.49	0.244	22.7	2.43	11.83	135
1031			5.51	0.247	16.0	3.00	11.84	132
1034	21.93		5.52	0.247	17.1	2.97	11.88	128
1037			5.53	0.243	16.5	2.79	11.90	122
1040		↓	5.54	0.240	15.9	2.68	11.92	117

Total Volume of Groundwater Purged (gal): ~2

Stabilization of Parameters (stabilization achieved for three consecutive measurements)

Time		Depth to Water (ft btoc)	Evacuation Rate (ml/min)	pH	Conductivity (µs/cm)	Turbidity (NTU)	Dissolved oxygen (mg/l)	Temperature (°C)	ORP (mv)
FROM	TO								
1025	1028			0.02 ✓	0.009 x	6.3 x	0.51 x	0.02 ✓	3 ✓
1028	1031			0.02 ✓	0.003 ✓	6.7 x	0.57 x	0.01 ✓	3 ✓
1031	1034			0.01 ✓	— ✓	1.1 ✓	0.03 ✓	0.04 ✓	4 ✓
1034	1037			0.01 ✓	0.004 ✓	0.6 ✓	0.18 ✓	0.02 ✓	6 ✓
1037	1040			0.01 ✓	0.003 ✓	0.6 ✓	0.11 ✓	0.02 ✓	5 ✓

Recommended Stabilization	+/- 0.3	100-500	+/- 0.1	+/- 3%	+/- 10%	+/- 10%	+/- 3%	+/- 10
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Stabilization: (Yes/No)			Y	Y	Y	Y	Y	Y
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Sample Time: 1045 Reviewed by: [Signature]

ft btoc      feet below top of casing      NTU Nephelometric Turbidity Units      °C      degrees Celsius  
 ml/min      milliliters per minute      mg/l milligrams per liter      mv      millivolts  
 µs/cm      microseimons per centimeter



low-flow sampling log

Client Name: Rowe Industries Sample Pump: geopump (peristaltic)  
 Project Location: Sag Harbor, NY Tubing Type: PE & Silicone  
 Sampler(s): T.S. Monitoring Equipment: Horiba  
 Well I.D. MW-98-05BR Screen Setting (ft btoc): 35 to 45  
 Well Diameter (inches): 2" Tubing Intake (ft btoc): N40  
 Total Depth (ft btoc): 46.2 Comments: Pump on @ 9:45  
 Depth to Water (ft btoc): 21.36 Time: 932 Well condition: good

Time (hours)	Depth to Water (ft btoc)	Evacuation Rate (ml/min)	Water Quality Monitoring Parameters					
			pH	Conductivity (µs/cm)	Turbidity (NTU)	Dissolved oxygen (mg/l)	Temperature (°C)	ORP (mv)
955		300	5.29	0.240	12.8	4.10	11.62	171
958			5.30	0.240	12.0	2.67	12.59	170
1001	21.41		5.34	0.238	11.5	2.24	11.53	161
1004			5.32	0.238	10.9	2.15	11.51	154
1007			5.30	0.232	9.3	2.02	11.55	149
1010	21.42		5.32	0.229	8.7	2.00	11.52	151
1013			5.38	0.225	7.9	1.95	11.54	159

Total Volume of Groundwater Purged (gal): ~225

Stabilization of Parameters (stabilization achieved for three consecutive measurements)

Time		Depth to Water (ft btoc)	Evacuation Rate (ml/min)	pH	Conductivity (µs/cm)	Turbidity (NTU)	Dissolved oxygen (mg/l)	Temperature (°C)	ORP (mv)
FROM	TO								
955	958			0.01 ✓	— ✓	0.8 ✓	1.43 x	0.97 x	1 ✓
958	1001			0.04 ✓	0.002 ✓	0.7 ✓	0.38 x	1.06 x	9 ✓
1001	1004			0.02 ✓	— ✓	0.4 ✓	0.14 ✓	0.02 ✓	7 ✓
1004	1007			0.02 ✓	0.006 ✓	1.6 x	0.13 ✓	0.04 ✓	5 ✓
1007	1010			0.02 ✓	0.003 ✓	0.6 ✓	0.02 ✓	0.03 ✓	2 ✓
1010	1013			0.06 ✓	0.004 ✓	0.8 ✓	0.05 ✓	0.02 ✓	8 ✓
Recommended Stabilization		+/- 0.3	100-500	+/- 0.1	+/- 3%	+/- 10%	+/- 10%	+/- 3%	+/- 10
Stabilization: (Yes/No)		Y	Y	Y	Y	Y	Y	Y	Y

Sample Time: 1015 Reviewed by: [Signature]

ft btoc feet below top of casing NTU Nephelometric Turbidity Units °C degrees Celsius  
 ml/min milliliters per minute mg/l milligrams per liter mv millivolts  
 µs/cm microsemons per centimeter



low-flow sampling log

Client Name: Rowe Industries Sample Pump: geopump (peristaltic)  
 Project Location: Sag Harbor, NY Tubing Type: PE & Silicone  
 Sampler(s): TS Monitoring Equipment: Horiba

Well I.D. N-32 Screen Setting (ft btoc): 31 to 33  
 Well Diameter (inches): 2" (steel) Tubing Intake (ft btoc): N31  
 Total Depth (ft btoc): 31.1 Comments: Pump on @ 10:30  
 Depth to Water (ft btoc): 25.09 Time: 1015 Well condition: steel well cap broken but usable

Time (hours)	Depth to Water (ft btoc)	Evacuation Rate (ml/min)	Water Quality Monitoring Parameters					
			pH	Conductivity ( $\mu$ s/cm)	Turbidity (NTU)	Dissolved oxygen (mg/l)	Temperature ( $^{\circ}$ C)	ORP (mv)
1040		250	5.54	0.325	85.5	4.26	10.10	170
1043		↓	6.16	0.321	120	3.05	10.18	-26
1046	25.82	150	5.80	0.328	130	2.92	10.23	-21
1049	25.82		5.85	0.320	130	2.75	10.48	-15
1052			5.90	0.327	115	2.64	10.56	-5
1055	25.82	↓	5.92	0.326	109	2.53	10.61	4

Total Volume of Groundwater Purged (gal): N 1.5

Stabilization of Parameters (stabilization achieved for three consecutive measurements)

Time		Depth to Water (ft btoc)	Evacuation Rate (ml/min)	pH	Conductivity ( $\mu$ s/cm)	Turbidity (NTU)	Dissolved oxygen (mg/l)	Temperature ( $^{\circ}$ C)	ORP (mv)
FROM	TO								
1040	1043			0.62 x	0.004 ✓	34.5 x	1.21 x	0.08 ✓	193 x
1043	1046			0.36 x	0.007 ✓	10 ✓	0.12 ✓	0.05 ✓	5 ✓
1046	1049			0.05 ✓	0.008 ✓	10 ✓	0.17 ✓	0.25 ✓	6 ✓
1049	1052			0.05 ✓	0.007 ✓	5 ✓	0.11 ✓	0.08 ✓	10 ✓
1052	1055			0.02	0.001 ✓	6 ✓	0.11 ✓	0.05 ✓	9 ✓

Recommended Stabilization	+/- 0.3	100-500	+/- 0.1	+/- 3%	+/- 10%	+/- 10%	+/- 3%	+/- 10
Stabilization: (Yes/No)	Y	Y	Y	Y	Y	Y	Y	Y

Sample Time: 1055 Reviewed by: [Signature]

ft btoc feet below top of casing NTU Nephelometric Turbidity Units  $^{\circ}$ C degrees Celsius  
 ml/min milliliters per minute mg/l milligrams per liter mv millivolts  
 $\mu$ s/cm microseimons per centimeter



low-flow sampling log

Client Name: Rowe Industries Sample Pump: geopump (peristaltic)  
 Project Location: Sag Harbor, NY Tubing Type: PE & Silicone  
 Sampler(s): TS Monitoring Equipment: Horiba  
 Well I.D. 1.328 Screen Setting (ft btoc): 17 to 27  
 Well Diameter (inches): 2" Tubing Intake (ft btoc): 122  
 Total Depth (ft btoc): 27.8 Comments: Pump on @ 11:05  
 Depth to Water (ft btoc): 25.01 Time: 1028 Well condition: good

Time (hours)	Depth to Water (ft btoc)	Evacuation Rate (ml/min)	Water Quality Monitoring Parameters					
			pH	Conductivity m (µs/cm)	Turbidity (NTU)	Dissolved oxygen (mg/l)	Temperature (°C)	ORP (mv)
1117		300	6.19	0.352	13.0	5.33	11.08	57
1120	25.11	↓	6.23	0.342	11.9	5.11	11.15	62
1123		↓	6.23	0.332	10.6	5.12	11.20	70
1126		↓	6.24	0.330	9.9	5.09	11.30	77
1129		↓	6.24	0.329	9.3	5.00	11.33	81

Total Volume of Groundwater Purged (gal): 12

Stabilization of Parameters (stabilization achieved for three consecutive measurements)

Time		Depth to Water (ft btoc)	Evacuation Rate (ml/min)	pH	Conductivity (µs/cm)	Turbidity (NTU)	Dissolved oxygen (mg/l)	Temperature (°C)	ORP (mv)
FROM	TO								
1117	1120			0.04 ✓	0.01 ✓	1.1 ✓	0.22 ✓	0.07 ✓	5 ✓
1120	1123			- ✓	0.01 ✓	1.3 x	0.01 ✓	0.05 ✓	8 ✓
1123	1126			0.01 ✓	0.002 ✓	0.7 ✓	0.03 ✓	0.10 ✓	7 ✓
1126	1129			- ✓	0.001 ✓	0.6 ✓	0.09 ✓	0.03 ✓	4 ✓
Recommended Stabilization		+/- 0.3	100-500	+/- 0.1	+/- 3%	+/- 10%	+/- 10%	+/- 3%	+/- 10
Stabilization: (Yes/No)		Y	Y	Y	Y	Y	Y	Y	Y

Sample Time: 1130 Reviewed by: [Signature]

ft btoc      feet below top of casing      NTU Nephelometric Turbidity Units      °C      degrees Celsius  
 ml/min      milliliters per minute      mg/l milligrams per liter      mv      millivolts  
 µs/cm      microsemons per centimeter

**APPENDIX II**

**Laboratory Analytical Results**



# Technical Report

prepared for:

**Leggette Brashears & Graham Shelton Office**  
4 Research Drive, Suite 204  
Shelton CT, 06484  
**Attention: Tunde Komuves-Sandor**

Report Date: 04/06/2017  
**Client Project ID: Rowe Industries Site**  
York Project (SDG) No.: 17C1155

Revision No. 1.0

CT Cert. No. PH-0723

New Jersey Cert. No. CT005 and NY037



New York Cert. Nos. 10854 and 12058

PA Cert. No. 68-04440

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4 Research Drive, Suite 204  
Shelton CT, 06484  
Attention: Tunde Komuves-Sandor

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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 March 30, 2017 and listed below. The project was identified as your project: **Rowe Industries Site**.

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>
17C1155-01	MW-28A	Water	03/28/2017	03/30/2017
17C1155-02	MW-28B	Water	03/28/2017	03/30/2017
17C1155-03	MW-45A	Water	03/27/2017	03/30/2017
17C1155-04	MW-45B	Water	03/27/2017	03/30/2017
17C1155-05	MW-58A	Water	03/27/2017	03/30/2017
17C1155-06	MW-58B	Water	03/27/2017	03/30/2017
17C1155-07	MW-59A	Water	03/28/2017	03/30/2017
17C1155-08	MW-59B	Water	03/28/2017	03/30/2017
17C1155-09	MW-98-01A	Water	03/29/2017	03/30/2017
17C1155-10	MW-98-04	Water	03/27/2017	03/30/2017
17C1155-11	MW-98-04B	Water	03/27/2017	03/30/2017
17C1155-12	MW-98-05AR	Water	03/29/2017	03/30/2017
17C1155-13	MW-98-05BR	Water	03/29/2017	03/30/2017
17C1155-14	MW-A	Water	03/27/2017	03/30/2017
17C1155-15	N-32	Water	03/28/2017	03/30/2017
17C1155-16	N-32B	Water	03/28/2017	03/30/2017
17C1155-17	FB-TS	Water	03/28/2017	03/30/2017
17C1155-18	TB-TS	Water	03/29/2017	03/30/2017

## **General Notes for York Project (SDG) No.: 17C1155**

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.
9. Analyses conducted at York Analytical Laboratories, Inc. Stratford, CT are indicated by NY Cert. No. 10854; those conducted at York Analytical Laboratories, Inc., Richmond Hill, NY are indicated by NY Cert. No. 12058.

**Approved By:**



Benjamin Gulizia  
Laboratory Director

**Date:** 04/06/2017





### Sample Information

**Client Sample ID:** MW-28A

**York Sample ID:** 17C1155-01

<u>York Project (SDG) No.</u> 17C1155	<u>Client Project ID</u> Rowe Industries Site	<u>Matrix</u> Water	<u>Collection Date/Time</u> March 28, 2017 12:55 pm	<u>Date Received</u> 03/30/2017
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**Volatile Organics, 8260 List - Low Level**

**Log-in Notes:**

**Sample Notes:**

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	04/05/2017 18:57	04/05/2017 22:43	SS
71-55-6	1,1,1-Trichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	04/05/2017 18:57	04/05/2017 22:43	SS
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	04/05/2017 18:57	04/05/2017 22:43	SS
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	04/05/2017 18:57	04/05/2017 22:43	SS
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	04/05/2017 18:57	04/05/2017 22:43	SS
75-34-3	1,1-Dichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	04/05/2017 18:57	04/05/2017 22:43	SS
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	04/05/2017 18:57	04/05/2017 22:43	SS
563-58-6	1,1-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	04/05/2017 18:57	04/05/2017 22:43	SS
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	0.20	2.0	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	04/05/2017 18:57	04/05/2017 22:43	SS
96-18-4	1,2,3-Trichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	04/05/2017 18:57	04/05/2017 22:43	SS
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	04/05/2017 18:57	04/05/2017 22:43	SS
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	04/05/2017 18:57	04/05/2017 22:43	SS
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.20	2.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	04/05/2017 18:57	04/05/2017 22:43	SS
106-93-4	1,2-Dibromoethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	04/05/2017 18:57	04/05/2017 22:43	SS
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	04/05/2017 18:57	04/05/2017 22:43	SS
107-06-2	1,2-Dichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	04/05/2017 18:57	04/05/2017 22:43	SS
78-87-5	1,2-Dichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	04/05/2017 18:57	04/05/2017 22:43	SS
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	04/05/2017 18:57	04/05/2017 22:43	SS
541-73-1	<b>1,3-Dichlorobenzene</b>	<b>0.44</b>	<b>J</b>	ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	04/05/2017 18:57	04/05/2017 22:43	SS
142-28-9	1,3-Dichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	04/05/2017 18:57	04/05/2017 22:43	SS
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	04/05/2017 18:57	04/05/2017 22:43	SS
594-20-7	2,2-Dichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	04/05/2017 18:57	04/05/2017 22:43	SS



### Sample Information

**Client Sample ID:** MW-28A

**York Sample ID:** 17C1155-01

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

17C1155

Rowe Industries Site

Water

March 28, 2017 12:55 pm

03/30/2017

**Volatile Organics, 8260 List - Low Level**

**Log-in Notes:**

**Sample Notes:**

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
95-49-8	2-Chlorotoluene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	04/05/2017 18:57	04/05/2017 22:43	SS
591-78-6	2-Hexanone	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	04/05/2017 18:57	04/05/2017 22:43	SS
106-43-4	4-Chlorotoluene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	04/05/2017 18:57	04/05/2017 22:43	SS
67-64-1	Acetone	ND		ug/L	1.0	2.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	04/05/2017 18:57	04/05/2017 22:43	SS
71-43-2	Benzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	04/05/2017 18:57	04/05/2017 22:43	SS
108-86-1	Bromobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	04/05/2017 18:57	04/05/2017 22:43	SS
74-97-5	Bromochloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	04/05/2017 18:57	04/05/2017 22:43	SS
75-27-4	Bromodichloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	04/05/2017 18:57	04/05/2017 22:43	SS
75-25-2	Bromoform	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	04/05/2017 18:57	04/05/2017 22:43	SS
74-83-9	Bromomethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	04/05/2017 18:57	04/05/2017 22:43	SS
56-23-5	Carbon tetrachloride	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	04/05/2017 18:57	04/05/2017 22:43	SS
108-90-7	Chlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	04/05/2017 18:57	04/05/2017 22:43	SS
75-00-3	Chloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	04/05/2017 18:57	04/05/2017 22:43	SS
67-66-3	Chloroform	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	04/05/2017 18:57	04/05/2017 22:43	SS
74-87-3	Chloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	04/05/2017 18:57	04/05/2017 22:43	SS
156-59-2	<b>cis-1,2-Dichloroethylene</b>	<b>0.73</b>		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	04/05/2017 18:57	04/05/2017 22:43	SS
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	04/05/2017 18:57	04/05/2017 22:43	SS
124-48-1	Dibromochloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	04/05/2017 18:57	04/05/2017 22:43	SS
74-95-3	Dibromomethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	04/05/2017 18:57	04/05/2017 22:43	SS
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	04/05/2017 18:57	04/05/2017 22:43	SS
100-41-4	Ethyl Benzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	04/05/2017 18:57	04/05/2017 22:43	SS
87-68-3	Hexachlorobutadiene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	04/05/2017 18:57	04/05/2017 22:43	SS
98-82-8	Isopropylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	04/05/2017 18:57	04/05/2017 22:43	SS



### Sample Information

**Client Sample ID:** MW-28A

**York Sample ID:** 17C1155-01

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

17C1155

Rowe Industries Site

Water

March 28, 2017 12:55 pm

03/30/2017

**Volatile Organics, 8260 List - Low Level**

**Log-in Notes:**

**Sample Notes:**

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	04/05/2017 18:57	04/05/2017 22:43	SS
75-09-2	Methylene chloride	ND		ug/L	1.0	2.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	04/05/2017 18:57	04/05/2017 22:43	SS
91-20-3	Naphthalene	ND		ug/L	1.0	2.0	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	04/05/2017 18:57	04/05/2017 22:43	SS
104-51-8	n-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	04/05/2017 18:57	04/05/2017 22:43	SS
103-65-1	n-Propylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	04/05/2017 18:57	04/05/2017 22:43	SS
95-47-6	o-Xylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854	04/05/2017 18:57	04/05/2017 22:43	SS
179601-23-1	p- & m- Xylenes	ND		ug/L	0.50	1.0	1	EPA 8260C Certifications: NELAC-NY10854	04/05/2017 18:57	04/05/2017 22:43	SS
99-87-6	p-Isopropyltoluene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	04/05/2017 18:57	04/05/2017 22:43	SS
135-98-8	sec-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	04/05/2017 18:57	04/05/2017 22:43	SS
100-42-5	Styrene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	04/05/2017 18:57	04/05/2017 22:43	SS
98-06-6	tert-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	04/05/2017 18:57	04/05/2017 22:43	SS
127-18-4	Tetrachloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	04/05/2017 18:57	04/05/2017 22:43	SS
108-88-3	Toluene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	04/05/2017 18:57	04/05/2017 22:43	SS
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	04/05/2017 18:57	04/05/2017 22:43	SS
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	04/05/2017 18:57	04/05/2017 22:43	SS
79-01-6	Trichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	04/05/2017 18:57	04/05/2017 22:43	SS
75-69-4	Trichlorofluoromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	04/05/2017 18:57	04/05/2017 22:43	SS
75-01-4	Vinyl Chloride	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	04/05/2017 18:57	04/05/2017 22:43	SS
1330-20-7	* Xylenes, Total	ND		ug/L	0.60	1.5	1	EPA 8260C Certifications: CTDOH,NJDEP	04/05/2017 18:57	04/05/2017 22:43	SS
<b>Surrogate Recoveries</b>		<b>Result</b>	<b>Acceptance Range</b>								
17060-07-0	Surrogate: 1,2-Dichloroethane-d4	102 %	69-130								
2037-26-5	Surrogate: Toluene-d8	98.2 %	81-117								
460-00-4	Surrogate: p-Bromofluorobenzene	106 %	79-122								



### Sample Information

**Client Sample ID:** MW-28B

**York Sample ID:** 17C1155-02

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

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17C1155

Rowe Industries Site

Water

March 28, 2017 12:25 pm

03/30/2017

**Volatile Organics, 8260 List - Low Level**

**Log-in Notes:**

**Sample Notes:**

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	04/05/2017 18:57	04/05/2017 23:08	SS
71-55-6	1,1,1-Trichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	04/05/2017 18:57	04/05/2017 23:08	SS
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	04/05/2017 18:57	04/05/2017 23:08	SS
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	04/05/2017 18:57	04/05/2017 23:08	SS
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	04/05/2017 18:57	04/05/2017 23:08	SS
75-34-3	1,1-Dichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	04/05/2017 18:57	04/05/2017 23:08	SS
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	04/05/2017 18:57	04/05/2017 23:08	SS
563-58-6	1,1-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	04/05/2017 18:57	04/05/2017 23:08	SS
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	0.20	2.0	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	04/05/2017 18:57	04/05/2017 23:08	SS
96-18-4	1,2,3-Trichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	04/05/2017 18:57	04/05/2017 23:08	SS
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	04/05/2017 18:57	04/05/2017 23:08	SS
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	04/05/2017 18:57	04/05/2017 23:08	SS
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.20	2.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	04/05/2017 18:57	04/05/2017 23:08	SS
106-93-4	1,2-Dibromoethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	04/05/2017 18:57	04/05/2017 23:08	SS
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	04/05/2017 18:57	04/05/2017 23:08	SS
107-06-2	1,2-Dichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	04/05/2017 18:57	04/05/2017 23:08	SS
78-87-5	1,2-Dichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	04/05/2017 18:57	04/05/2017 23:08	SS
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	04/05/2017 18:57	04/05/2017 23:08	SS
541-73-1	<b>1,3-Dichlorobenzene</b>	<b>0.32</b>	J	ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	04/05/2017 18:57	04/05/2017 23:08	SS
142-28-9	1,3-Dichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	04/05/2017 18:57	04/05/2017 23:08	SS
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	04/05/2017 18:57	04/05/2017 23:08	SS
594-20-7	2,2-Dichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	04/05/2017 18:57	04/05/2017 23:08	SS
95-49-8	2-Chlorotoluene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	04/05/2017 18:57	04/05/2017 23:08	SS



### Sample Information

**Client Sample ID:** MW-28B

**York Sample ID:** 17C1155-02

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

17C1155

Rowe Industries Site

Water

March 28, 2017 12:25 pm

03/30/2017

**Volatile Organics, 8260 List - Low Level**

**Log-in Notes:**

**Sample Notes:**

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
591-78-6	2-Hexanone	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	04/05/2017 18:57	04/05/2017 23:08	SS
106-43-4	4-Chlorotoluene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	04/05/2017 18:57	04/05/2017 23:08	SS
67-64-1	<b>Acetone</b>	<b>1.1</b>	<b>J</b>	ug/L	1.0	2.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	04/05/2017 18:57	04/05/2017 23:08	SS
71-43-2	Benzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	04/05/2017 18:57	04/05/2017 23:08	SS
108-86-1	Bromobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	04/05/2017 18:57	04/05/2017 23:08	SS
74-97-5	Bromochloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	04/05/2017 18:57	04/05/2017 23:08	SS
75-27-4	Bromodichloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	04/05/2017 18:57	04/05/2017 23:08	SS
75-25-2	Bromoform	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	04/05/2017 18:57	04/05/2017 23:08	SS
74-83-9	Bromomethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	04/05/2017 18:57	04/05/2017 23:08	SS
56-23-5	Carbon tetrachloride	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	04/05/2017 18:57	04/05/2017 23:08	SS
108-90-7	Chlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	04/05/2017 18:57	04/05/2017 23:08	SS
75-00-3	Chloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	04/05/2017 18:57	04/05/2017 23:08	SS
67-66-3	Chloroform	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	04/05/2017 18:57	04/05/2017 23:08	SS
74-87-3	Chloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	04/05/2017 18:57	04/05/2017 23:08	SS
156-59-2	cis-1,2-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	04/05/2017 18:57	04/05/2017 23:08	SS
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	04/05/2017 18:57	04/05/2017 23:08	SS
124-48-1	Dibromochloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	04/05/2017 18:57	04/05/2017 23:08	SS
74-95-3	Dibromomethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	04/05/2017 18:57	04/05/2017 23:08	SS
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	04/05/2017 18:57	04/05/2017 23:08	SS
100-41-4	Ethyl Benzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	04/05/2017 18:57	04/05/2017 23:08	SS
87-68-3	Hexachlorobutadiene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	04/05/2017 18:57	04/05/2017 23:08	SS
98-82-8	Isopropylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	04/05/2017 18:57	04/05/2017 23:08	SS
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	04/05/2017 18:57	04/05/2017 23:08	SS



### Sample Information

**Client Sample ID:** MW-28B

**York Sample ID:** 17C1155-02

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

17C1155

Rowe Industries Site

Water

March 28, 2017 12:25 pm

03/30/2017

**Volatile Organics, 8260 List - Low Level**

**Log-in Notes:**

**Sample Notes:**

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
75-09-2	Methylene chloride	ND		ug/L	1.0	2.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	04/05/2017 18:57	04/05/2017 23:08	SS
91-20-3	Naphthalene	ND		ug/L	1.0	2.0	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	04/05/2017 18:57	04/05/2017 23:08	SS
104-51-8	n-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	04/05/2017 18:57	04/05/2017 23:08	SS
103-65-1	n-Propylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	04/05/2017 18:57	04/05/2017 23:08	SS
95-47-6	o-Xylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854	04/05/2017 18:57	04/05/2017 23:08	SS
179601-23-1	p- & m- Xylenes	ND		ug/L	0.50	1.0	1	EPA 8260C Certifications: NELAC-NY10854	04/05/2017 18:57	04/05/2017 23:08	SS
99-87-6	p-Isopropyltoluene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	04/05/2017 18:57	04/05/2017 23:08	SS
135-98-8	sec-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	04/05/2017 18:57	04/05/2017 23:08	SS
100-42-5	Styrene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	04/05/2017 18:57	04/05/2017 23:08	SS
98-06-6	tert-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	04/05/2017 18:57	04/05/2017 23:08	SS
127-18-4	Tetrachloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	04/05/2017 18:57	04/05/2017 23:08	SS
108-88-3	Toluene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	04/05/2017 18:57	04/05/2017 23:08	SS
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	04/05/2017 18:57	04/05/2017 23:08	SS
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	04/05/2017 18:57	04/05/2017 23:08	SS
79-01-6	Trichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	04/05/2017 18:57	04/05/2017 23:08	SS
75-69-4	Trichlorofluoromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	04/05/2017 18:57	04/05/2017 23:08	SS
75-01-4	Vinyl Chloride	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	04/05/2017 18:57	04/05/2017 23:08	SS
1330-20-7	* Xylenes, Total	ND		ug/L	0.60	1.5	1	EPA 8260C Certifications: CTDOH,NJDEP	04/05/2017 18:57	04/05/2017 23:08	SS
<b>Surrogate Recoveries</b>		<b>Result</b>			<b>Acceptance Range</b>						
17060-07-0	Surrogate: 1,2-Dichloroethane-d4	99.9 %			69-130						
2037-26-5	Surrogate: Toluene-d8	98.0 %			81-117						
460-00-4	Surrogate: p-Bromofluorobenzene	103 %			79-122						



### Sample Information

**Client Sample ID:** MW-45A

**York Sample ID:** 17C1155-03

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

17C1155

Rowe Industries Site

Water

March 27, 2017 3:45 pm

03/30/2017

**Volatile Organics, 8260 List - Low Level**

**Log-in Notes:**

**Sample Notes:**

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	04/05/2017 18:57	04/05/2017 23:34	SS
71-55-6	1,1,1-Trichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	04/05/2017 18:57	04/05/2017 23:34	SS
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	04/05/2017 18:57	04/05/2017 23:34	SS
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	04/05/2017 18:57	04/05/2017 23:34	SS
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	04/05/2017 18:57	04/05/2017 23:34	SS
75-34-3	1,1-Dichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	04/05/2017 18:57	04/05/2017 23:34	SS
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	04/05/2017 18:57	04/05/2017 23:34	SS
563-58-6	1,1-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	04/05/2017 18:57	04/05/2017 23:34	SS
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	0.20	2.0	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	04/05/2017 18:57	04/05/2017 23:34	SS
96-18-4	1,2,3-Trichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	04/05/2017 18:57	04/05/2017 23:34	SS
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	04/05/2017 18:57	04/05/2017 23:34	SS
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	04/05/2017 18:57	04/05/2017 23:34	SS
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.20	2.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	04/05/2017 18:57	04/05/2017 23:34	SS
106-93-4	1,2-Dibromoethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	04/05/2017 18:57	04/05/2017 23:34	SS
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	04/05/2017 18:57	04/05/2017 23:34	SS
107-06-2	1,2-Dichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	04/05/2017 18:57	04/05/2017 23:34	SS
78-87-5	1,2-Dichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	04/05/2017 18:57	04/05/2017 23:34	SS
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	04/05/2017 18:57	04/05/2017 23:34	SS
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	04/05/2017 18:57	04/05/2017 23:34	SS
142-28-9	1,3-Dichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	04/05/2017 18:57	04/05/2017 23:34	SS
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	04/05/2017 18:57	04/05/2017 23:34	SS
594-20-7	2,2-Dichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	04/05/2017 18:57	04/05/2017 23:34	SS
95-49-8	2-Chlorotoluene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	04/05/2017 18:57	04/05/2017 23:34	SS



### Sample Information

**Client Sample ID:** MW-45A

**York Sample ID:** 17C1155-03

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

17C1155

Rowe Industries Site

Water

March 27, 2017 3:45 pm

03/30/2017

**Volatile Organics, 8260 List - Low Level**

**Log-in Notes:**

**Sample Notes:**

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
591-78-6	2-Hexanone	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	04/05/2017 18:57	04/05/2017 23:34	SS
106-43-4	4-Chlorotoluene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	04/05/2017 18:57	04/05/2017 23:34	SS
67-64-1	Acetone	ND		ug/L	1.0	2.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	04/05/2017 18:57	04/05/2017 23:34	SS
71-43-2	Benzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	04/05/2017 18:57	04/05/2017 23:34	SS
108-86-1	Bromobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	04/05/2017 18:57	04/05/2017 23:34	SS
74-97-5	Bromochloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	04/05/2017 18:57	04/05/2017 23:34	SS
75-27-4	Bromodichloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	04/05/2017 18:57	04/05/2017 23:34	SS
75-25-2	Bromoform	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	04/05/2017 18:57	04/05/2017 23:34	SS
74-83-9	Bromomethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	04/05/2017 18:57	04/05/2017 23:34	SS
56-23-5	Carbon tetrachloride	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	04/05/2017 18:57	04/05/2017 23:34	SS
108-90-7	Chlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	04/05/2017 18:57	04/05/2017 23:34	SS
75-00-3	Chloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	04/05/2017 18:57	04/05/2017 23:34	SS
67-66-3	Chloroform	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	04/05/2017 18:57	04/05/2017 23:34	SS
74-87-3	Chloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	04/05/2017 18:57	04/05/2017 23:34	SS
156-59-2	cis-1,2-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	04/05/2017 18:57	04/05/2017 23:34	SS
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	04/05/2017 18:57	04/05/2017 23:34	SS
124-48-1	Dibromochloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	04/05/2017 18:57	04/05/2017 23:34	SS
74-95-3	Dibromomethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	04/05/2017 18:57	04/05/2017 23:34	SS
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	04/05/2017 18:57	04/05/2017 23:34	SS
100-41-4	Ethyl Benzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	04/05/2017 18:57	04/05/2017 23:34	SS
87-68-3	Hexachlorobutadiene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	04/05/2017 18:57	04/05/2017 23:34	SS
98-82-8	Isopropylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	04/05/2017 18:57	04/05/2017 23:34	SS
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	04/05/2017 18:57	04/05/2017 23:34	SS



### Sample Information

**Client Sample ID:** MW-45A

**York Sample ID:** 17C1155-03

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

17C1155

Rowe Industries Site

Water

March 27, 2017 3:45 pm

03/30/2017

**Volatile Organics, 8260 List - Low Level**

**Log-in Notes:**

**Sample Notes:**

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
75-09-2	Methylene chloride	ND		ug/L	1.0	2.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	04/05/2017 18:57	04/05/2017 23:34	SS
91-20-3	Naphthalene	ND		ug/L	1.0	2.0	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	04/05/2017 18:57	04/05/2017 23:34	SS
104-51-8	n-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	04/05/2017 18:57	04/05/2017 23:34	SS
103-65-1	n-Propylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	04/05/2017 18:57	04/05/2017 23:34	SS
95-47-6	o-Xylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854	04/05/2017 18:57	04/05/2017 23:34	SS
179601-23-1	p- & m- Xylenes	ND		ug/L	0.50	1.0	1	EPA 8260C Certifications: NELAC-NY10854	04/05/2017 18:57	04/05/2017 23:34	SS
99-87-6	p-Isopropyltoluene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	04/05/2017 18:57	04/05/2017 23:34	SS
135-98-8	sec-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	04/05/2017 18:57	04/05/2017 23:34	SS
100-42-5	Styrene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	04/05/2017 18:57	04/05/2017 23:34	SS
98-06-6	tert-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	04/05/2017 18:57	04/05/2017 23:34	SS
127-18-4	Tetrachloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	04/05/2017 18:57	04/05/2017 23:34	SS
108-88-3	Toluene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	04/05/2017 18:57	04/05/2017 23:34	SS
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	04/05/2017 18:57	04/05/2017 23:34	SS
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	04/05/2017 18:57	04/05/2017 23:34	SS
79-01-6	Trichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	04/05/2017 18:57	04/05/2017 23:34	SS
75-69-4	Trichlorofluoromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	04/05/2017 18:57	04/05/2017 23:34	SS
75-01-4	Vinyl Chloride	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	04/05/2017 18:57	04/05/2017 23:34	SS
1330-20-7	* Xylenes, Total	ND		ug/L	0.60	1.5	1	EPA 8260C Certifications: CTDOH,NJDEP	04/05/2017 18:57	04/05/2017 23:34	SS

Surrogate Recoveries	Result	Acceptance Range
17060-07-0 Surrogate: 1,2-Dichloroethane-d4	104 %	69-130
2037-26-5 Surrogate: Toluene-d8	97.6 %	81-117
460-00-4 Surrogate: p-Bromofluorobenzene	106 %	79-122



### Sample Information

**Client Sample ID:** MW-45B

**York Sample ID:** 17C1155-04

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

17C1155

Rowe Industries Site

Water

March 27, 2017 3:10 pm

03/30/2017

**Volatile Organics, 8260 List - Low Level**

**Log-in Notes:**

**Sample Notes:**

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	04/05/2017 18:57	04/05/2017 23:59	SS
71-55-6	1,1,1-Trichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	04/05/2017 18:57	04/05/2017 23:59	SS
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	04/05/2017 18:57	04/05/2017 23:59	SS
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	04/05/2017 18:57	04/05/2017 23:59	SS
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	04/05/2017 18:57	04/05/2017 23:59	SS
75-34-3	1,1-Dichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	04/05/2017 18:57	04/05/2017 23:59	SS
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	04/05/2017 18:57	04/05/2017 23:59	SS
563-58-6	1,1-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	04/05/2017 18:57	04/05/2017 23:59	SS
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	0.20	2.0	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	04/05/2017 18:57	04/05/2017 23:59	SS
96-18-4	1,2,3-Trichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	04/05/2017 18:57	04/05/2017 23:59	SS
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	04/05/2017 18:57	04/05/2017 23:59	SS
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	04/05/2017 18:57	04/05/2017 23:59	SS
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.20	2.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	04/05/2017 18:57	04/05/2017 23:59	SS
106-93-4	1,2-Dibromoethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	04/05/2017 18:57	04/05/2017 23:59	SS
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	04/05/2017 18:57	04/05/2017 23:59	SS
107-06-2	1,2-Dichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	04/05/2017 18:57	04/05/2017 23:59	SS
78-87-5	1,2-Dichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	04/05/2017 18:57	04/05/2017 23:59	SS
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	04/05/2017 18:57	04/05/2017 23:59	SS
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	04/05/2017 18:57	04/05/2017 23:59	SS
142-28-9	1,3-Dichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	04/05/2017 18:57	04/05/2017 23:59	SS
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	04/05/2017 18:57	04/05/2017 23:59	SS
594-20-7	2,2-Dichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	04/05/2017 18:57	04/05/2017 23:59	SS
95-49-8	2-Chlorotoluene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	04/05/2017 18:57	04/05/2017 23:59	SS



### Sample Information

**Client Sample ID:** MW-45B

**York Sample ID:** 17C1155-04

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

17C1155

Rowe Industries Site

Water

March 27, 2017 3:10 pm

03/30/2017

**Volatile Organics, 8260 List - Low Level**

**Log-in Notes:**

**Sample Notes:**

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
591-78-6	2-Hexanone	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	04/05/2017 18:57	04/05/2017 23:59	SS
106-43-4	4-Chlorotoluene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	04/05/2017 18:57	04/05/2017 23:59	SS
67-64-1	Acetone	ND		ug/L	1.0	2.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	04/05/2017 18:57	04/05/2017 23:59	SS
71-43-2	Benzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	04/05/2017 18:57	04/05/2017 23:59	SS
108-86-1	Bromobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	04/05/2017 18:57	04/05/2017 23:59	SS
74-97-5	Bromochloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	04/05/2017 18:57	04/05/2017 23:59	SS
75-27-4	Bromodichloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	04/05/2017 18:57	04/05/2017 23:59	SS
75-25-2	Bromoform	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	04/05/2017 18:57	04/05/2017 23:59	SS
74-83-9	Bromomethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	04/05/2017 18:57	04/05/2017 23:59	SS
56-23-5	Carbon tetrachloride	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	04/05/2017 18:57	04/05/2017 23:59	SS
108-90-7	Chlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	04/05/2017 18:57	04/05/2017 23:59	SS
75-00-3	Chloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	04/05/2017 18:57	04/05/2017 23:59	SS
67-66-3	Chloroform	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	04/05/2017 18:57	04/05/2017 23:59	SS
74-87-3	Chloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	04/05/2017 18:57	04/05/2017 23:59	SS
156-59-2	cis-1,2-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	04/05/2017 18:57	04/05/2017 23:59	SS
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	04/05/2017 18:57	04/05/2017 23:59	SS
124-48-1	Dibromochloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	04/05/2017 18:57	04/05/2017 23:59	SS
74-95-3	Dibromomethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	04/05/2017 18:57	04/05/2017 23:59	SS
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	04/05/2017 18:57	04/05/2017 23:59	SS
100-41-4	Ethyl Benzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	04/05/2017 18:57	04/05/2017 23:59	SS
87-68-3	Hexachlorobutadiene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	04/05/2017 18:57	04/05/2017 23:59	SS
98-82-8	Isopropylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	04/05/2017 18:57	04/05/2017 23:59	SS
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	04/05/2017 18:57	04/05/2017 23:59	SS



### Sample Information

**Client Sample ID:** MW-45B

**York Sample ID:** 17C1155-04

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

17C1155

Rowe Industries Site

Water

March 27, 2017 3:10 pm

03/30/2017

**Volatile Organics, 8260 List - Low Level**

**Log-in Notes:**

**Sample Notes:**

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
75-09-2	Methylene chloride	ND		ug/L	1.0	2.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	04/05/2017 18:57	04/05/2017 23:59	SS
91-20-3	Naphthalene	ND		ug/L	1.0	2.0	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	04/05/2017 18:57	04/05/2017 23:59	SS
104-51-8	n-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	04/05/2017 18:57	04/05/2017 23:59	SS
103-65-1	n-Propylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	04/05/2017 18:57	04/05/2017 23:59	SS
95-47-6	o-Xylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854	04/05/2017 18:57	04/05/2017 23:59	SS
179601-23-1	p- & m- Xylenes	ND		ug/L	0.50	1.0	1	EPA 8260C Certifications: NELAC-NY10854	04/05/2017 18:57	04/05/2017 23:59	SS
99-87-6	p-Isopropyltoluene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	04/05/2017 18:57	04/05/2017 23:59	SS
135-98-8	sec-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	04/05/2017 18:57	04/05/2017 23:59	SS
100-42-5	Styrene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	04/05/2017 18:57	04/05/2017 23:59	SS
98-06-6	tert-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	04/05/2017 18:57	04/05/2017 23:59	SS
127-18-4	Tetrachloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	04/05/2017 18:57	04/05/2017 23:59	SS
108-88-3	Toluene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	04/05/2017 18:57	04/05/2017 23:59	SS
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	04/05/2017 18:57	04/05/2017 23:59	SS
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	04/05/2017 18:57	04/05/2017 23:59	SS
79-01-6	Trichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	04/05/2017 18:57	04/05/2017 23:59	SS
75-69-4	Trichlorofluoromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	04/05/2017 18:57	04/05/2017 23:59	SS
75-01-4	Vinyl Chloride	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	04/05/2017 18:57	04/05/2017 23:59	SS
1330-20-7	* Xylenes, Total	ND		ug/L	0.60	1.5	1	EPA 8260C Certifications: CTDOH,NJDEP	04/05/2017 18:57	04/05/2017 23:59	SS
<b>Surrogate Recoveries</b>		<b>Result</b>			<b>Acceptance Range</b>						
17060-07-0	Surrogate: 1,2-Dichloroethane-d4	98.4 %			69-130						
2037-26-5	Surrogate: Toluene-d8	94.1 %			81-117						
460-00-4	Surrogate: p-Bromofluorobenzene	110 %			79-122						



### Sample Information

**Client Sample ID:** MW-58A

**York Sample ID:** 17C1155-05

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

17C1155

Rowe Industries Site

Water

March 27, 2017 6:00 pm

03/30/2017

**Volatile Organics, 8260 List - Low Level**

**Log-in Notes:**

**Sample Notes:**

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	04/05/2017 18:57	04/06/2017 00:24	SS
71-55-6	1,1,1-Trichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	04/05/2017 18:57	04/06/2017 00:24	SS
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	04/05/2017 18:57	04/06/2017 00:24	SS
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	04/05/2017 18:57	04/06/2017 00:24	SS
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	04/05/2017 18:57	04/06/2017 00:24	SS
75-34-3	1,1-Dichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	04/05/2017 18:57	04/06/2017 00:24	SS
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	04/05/2017 18:57	04/06/2017 00:24	SS
563-58-6	1,1-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	04/05/2017 18:57	04/06/2017 00:24	SS
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	0.20	2.0	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	04/05/2017 18:57	04/06/2017 00:24	SS
96-18-4	1,2,3-Trichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	04/05/2017 18:57	04/06/2017 00:24	SS
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	04/05/2017 18:57	04/06/2017 00:24	SS
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	04/05/2017 18:57	04/06/2017 00:24	SS
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.20	2.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	04/05/2017 18:57	04/06/2017 00:24	SS
106-93-4	1,2-Dibromoethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	04/05/2017 18:57	04/06/2017 00:24	SS
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	04/05/2017 18:57	04/06/2017 00:24	SS
107-06-2	1,2-Dichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	04/05/2017 18:57	04/06/2017 00:24	SS
78-87-5	1,2-Dichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	04/05/2017 18:57	04/06/2017 00:24	SS
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	04/05/2017 18:57	04/06/2017 00:24	SS
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	04/05/2017 18:57	04/06/2017 00:24	SS
142-28-9	1,3-Dichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	04/05/2017 18:57	04/06/2017 00:24	SS
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	04/05/2017 18:57	04/06/2017 00:24	SS
594-20-7	2,2-Dichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	04/05/2017 18:57	04/06/2017 00:24	SS
95-49-8	2-Chlorotoluene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	04/05/2017 18:57	04/06/2017 00:24	SS



### Sample Information

**Client Sample ID:** MW-58A

**York Sample ID:** 17C1155-05

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

17C1155

Rowe Industries Site

Water

March 27, 2017 6:00 pm

03/30/2017

**Volatile Organics, 8260 List - Low Level**

**Log-in Notes:**

**Sample Notes:**

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
591-78-6	2-Hexanone	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	04/05/2017 18:57	04/06/2017 00:24	SS
106-43-4	4-Chlorotoluene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	04/05/2017 18:57	04/06/2017 00:24	SS
67-64-1	Acetone	ND		ug/L	1.0	2.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	04/05/2017 18:57	04/06/2017 00:24	SS
71-43-2	Benzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	04/05/2017 18:57	04/06/2017 00:24	SS
108-86-1	Bromobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	04/05/2017 18:57	04/06/2017 00:24	SS
74-97-5	Bromochloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	04/05/2017 18:57	04/06/2017 00:24	SS
75-27-4	Bromodichloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	04/05/2017 18:57	04/06/2017 00:24	SS
75-25-2	Bromoform	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	04/05/2017 18:57	04/06/2017 00:24	SS
74-83-9	Bromomethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	04/05/2017 18:57	04/06/2017 00:24	SS
56-23-5	Carbon tetrachloride	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	04/05/2017 18:57	04/06/2017 00:24	SS
108-90-7	Chlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	04/05/2017 18:57	04/06/2017 00:24	SS
75-00-3	Chloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	04/05/2017 18:57	04/06/2017 00:24	SS
67-66-3	<b>Chloroform</b>	<b>0.25</b>	<b>J</b>	ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	04/05/2017 18:57	04/06/2017 00:24	SS
74-87-3	Chloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	04/05/2017 18:57	04/06/2017 00:24	SS
156-59-2	cis-1,2-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	04/05/2017 18:57	04/06/2017 00:24	SS
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	04/05/2017 18:57	04/06/2017 00:24	SS
124-48-1	Dibromochloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	04/05/2017 18:57	04/06/2017 00:24	SS
74-95-3	Dibromomethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	04/05/2017 18:57	04/06/2017 00:24	SS
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	04/05/2017 18:57	04/06/2017 00:24	SS
100-41-4	Ethyl Benzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	04/05/2017 18:57	04/06/2017 00:24	SS
87-68-3	Hexachlorobutadiene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	04/05/2017 18:57	04/06/2017 00:24	SS
98-82-8	Isopropylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	04/05/2017 18:57	04/06/2017 00:24	SS
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	04/05/2017 18:57	04/06/2017 00:24	SS



### Sample Information

**Client Sample ID:** MW-58A

**York Sample ID:** 17C1155-05

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

17C1155

Rowe Industries Site

Water

March 27, 2017 6:00 pm

03/30/2017

**Volatile Organics, 8260 List - Low Level**

**Log-in Notes:**

**Sample Notes:**

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
75-09-2	Methylene chloride	ND		ug/L	1.0	2.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	04/05/2017 18:57	04/06/2017 00:24	SS
91-20-3	Naphthalene	ND		ug/L	1.0	2.0	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	04/05/2017 18:57	04/06/2017 00:24	SS
104-51-8	n-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	04/05/2017 18:57	04/06/2017 00:24	SS
103-65-1	n-Propylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	04/05/2017 18:57	04/06/2017 00:24	SS
95-47-6	o-Xylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854	04/05/2017 18:57	04/06/2017 00:24	SS
179601-23-1	p- & m- Xylenes	ND		ug/L	0.50	1.0	1	EPA 8260C Certifications: NELAC-NY10854	04/05/2017 18:57	04/06/2017 00:24	SS
99-87-6	p-Isopropyltoluene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	04/05/2017 18:57	04/06/2017 00:24	SS
135-98-8	sec-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	04/05/2017 18:57	04/06/2017 00:24	SS
100-42-5	Styrene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	04/05/2017 18:57	04/06/2017 00:24	SS
98-06-6	tert-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	04/05/2017 18:57	04/06/2017 00:24	SS
127-18-4	Tetrachloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	04/05/2017 18:57	04/06/2017 00:24	SS
108-88-3	Toluene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	04/05/2017 18:57	04/06/2017 00:24	SS
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	04/05/2017 18:57	04/06/2017 00:24	SS
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	04/05/2017 18:57	04/06/2017 00:24	SS
79-01-6	Trichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	04/05/2017 18:57	04/06/2017 00:24	SS
75-69-4	Trichlorofluoromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	04/05/2017 18:57	04/06/2017 00:24	SS
75-01-4	Vinyl Chloride	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	04/05/2017 18:57	04/06/2017 00:24	SS
1330-20-7	* Xylenes, Total	ND		ug/L	0.60	1.5	1	EPA 8260C Certifications: CTDOH,NJDEP	04/05/2017 18:57	04/06/2017 00:24	SS

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	Surrogate: 1,2-Dichloroethane-d4	104 %	69-130
2037-26-5	Surrogate: Toluene-d8	97.2 %	81-117
460-00-4	Surrogate: p-Bromofluorobenzene	111 %	79-122



### Sample Information

**Client Sample ID:** MW-58B

**York Sample ID:** 17C1155-06

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

17C1155

Rowe Industries Site

Water

March 27, 2017 6:25 pm

03/30/2017

**Volatile Organics, 8260 List - Low Level**

**Log-in Notes:**

**Sample Notes:**

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	04/05/2017 18:57	04/06/2017 00:50	SS
71-55-6	1,1,1-Trichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	04/05/2017 18:57	04/06/2017 00:50	SS
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	04/05/2017 18:57	04/06/2017 00:50	SS
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	04/05/2017 18:57	04/06/2017 00:50	SS
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	04/05/2017 18:57	04/06/2017 00:50	SS
75-34-3	1,1-Dichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	04/05/2017 18:57	04/06/2017 00:50	SS
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	04/05/2017 18:57	04/06/2017 00:50	SS
563-58-6	1,1-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	04/05/2017 18:57	04/06/2017 00:50	SS
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	0.20	2.0	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	04/05/2017 18:57	04/06/2017 00:50	SS
96-18-4	1,2,3-Trichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	04/05/2017 18:57	04/06/2017 00:50	SS
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	04/05/2017 18:57	04/06/2017 00:50	SS
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	04/05/2017 18:57	04/06/2017 00:50	SS
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.20	2.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	04/05/2017 18:57	04/06/2017 00:50	SS
106-93-4	1,2-Dibromoethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	04/05/2017 18:57	04/06/2017 00:50	SS
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	04/05/2017 18:57	04/06/2017 00:50	SS
107-06-2	1,2-Dichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	04/05/2017 18:57	04/06/2017 00:50	SS
78-87-5	1,2-Dichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	04/05/2017 18:57	04/06/2017 00:50	SS
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	04/05/2017 18:57	04/06/2017 00:50	SS
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	04/05/2017 18:57	04/06/2017 00:50	SS
142-28-9	1,3-Dichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	04/05/2017 18:57	04/06/2017 00:50	SS
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	04/05/2017 18:57	04/06/2017 00:50	SS
594-20-7	2,2-Dichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	04/05/2017 18:57	04/06/2017 00:50	SS
95-49-8	2-Chlorotoluene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	04/05/2017 18:57	04/06/2017 00:50	SS



### Sample Information

**Client Sample ID:** MW-58B

**York Sample ID:** 17C1155-06

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

17C1155

Rowe Industries Site

Water

March 27, 2017 6:25 pm

03/30/2017

**Volatile Organics, 8260 List - Low Level**

**Log-in Notes:**

**Sample Notes:**

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
591-78-6	2-Hexanone	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	04/05/2017 18:57	04/06/2017 00:50	SS
106-43-4	4-Chlorotoluene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	04/05/2017 18:57	04/06/2017 00:50	SS
67-64-1	Acetone	ND		ug/L	1.0	2.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	04/05/2017 18:57	04/06/2017 00:50	SS
71-43-2	Benzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	04/05/2017 18:57	04/06/2017 00:50	SS
108-86-1	Bromobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	04/05/2017 18:57	04/06/2017 00:50	SS
74-97-5	Bromochloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	04/05/2017 18:57	04/06/2017 00:50	SS
75-27-4	Bromodichloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	04/05/2017 18:57	04/06/2017 00:50	SS
75-25-2	Bromoform	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	04/05/2017 18:57	04/06/2017 00:50	SS
74-83-9	Bromomethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	04/05/2017 18:57	04/06/2017 00:50	SS
56-23-5	Carbon tetrachloride	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	04/05/2017 18:57	04/06/2017 00:50	SS
108-90-7	Chlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	04/05/2017 18:57	04/06/2017 00:50	SS
75-00-3	Chloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	04/05/2017 18:57	04/06/2017 00:50	SS
67-66-3	<b>Chloroform</b>	<b>0.47</b>	<b>J</b>	ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	04/05/2017 18:57	04/06/2017 00:50	SS
74-87-3	Chloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	04/05/2017 18:57	04/06/2017 00:50	SS
156-59-2	cis-1,2-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	04/05/2017 18:57	04/06/2017 00:50	SS
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	04/05/2017 18:57	04/06/2017 00:50	SS
124-48-1	Dibromochloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	04/05/2017 18:57	04/06/2017 00:50	SS
74-95-3	Dibromomethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	04/05/2017 18:57	04/06/2017 00:50	SS
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	04/05/2017 18:57	04/06/2017 00:50	SS
100-41-4	Ethyl Benzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	04/05/2017 18:57	04/06/2017 00:50	SS
87-68-3	Hexachlorobutadiene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	04/05/2017 18:57	04/06/2017 00:50	SS
98-82-8	Isopropylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	04/05/2017 18:57	04/06/2017 00:50	SS
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	04/05/2017 18:57	04/06/2017 00:50	SS



### Sample Information

**Client Sample ID:** MW-58B

**York Sample ID:** 17C1155-06

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

17C1155

Rowe Industries Site

Water

March 27, 2017 6:25 pm

03/30/2017

**Volatile Organics, 8260 List - Low Level**

**Log-in Notes:**

**Sample Notes:**

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
75-09-2	Methylene chloride	ND		ug/L	1.0	2.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	04/05/2017 18:57	04/06/2017 00:50	SS
91-20-3	Naphthalene	ND		ug/L	1.0	2.0	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	04/05/2017 18:57	04/06/2017 00:50	SS
104-51-8	n-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	04/05/2017 18:57	04/06/2017 00:50	SS
103-65-1	n-Propylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	04/05/2017 18:57	04/06/2017 00:50	SS
95-47-6	o-Xylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854	04/05/2017 18:57	04/06/2017 00:50	SS
179601-23-1	p- & m- Xylenes	ND		ug/L	0.50	1.0	1	EPA 8260C Certifications: NELAC-NY10854	04/05/2017 18:57	04/06/2017 00:50	SS
99-87-6	p-Isopropyltoluene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	04/05/2017 18:57	04/06/2017 00:50	SS
135-98-8	sec-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	04/05/2017 18:57	04/06/2017 00:50	SS
100-42-5	Styrene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	04/05/2017 18:57	04/06/2017 00:50	SS
98-06-6	tert-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	04/05/2017 18:57	04/06/2017 00:50	SS
127-18-4	Tetrachloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	04/05/2017 18:57	04/06/2017 00:50	SS
108-88-3	Toluene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	04/05/2017 18:57	04/06/2017 00:50	SS
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	04/05/2017 18:57	04/06/2017 00:50	SS
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	04/05/2017 18:57	04/06/2017 00:50	SS
79-01-6	Trichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	04/05/2017 18:57	04/06/2017 00:50	SS
75-69-4	Trichlorofluoromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	04/05/2017 18:57	04/06/2017 00:50	SS
75-01-4	Vinyl Chloride	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	04/05/2017 18:57	04/06/2017 00:50	SS
1330-20-7	* Xylenes, Total	ND		ug/L	0.60	1.5	1	EPA 8260C Certifications: CTDOH,NJDEP	04/05/2017 18:57	04/06/2017 00:50	SS

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	Surrogate: 1,2-Dichloroethane-d4	110 %	69-130
2037-26-5	Surrogate: Toluene-d8	94.2 %	81-117
460-00-4	Surrogate: p-Bromofluorobenzene	107 %	79-122



### Sample Information

**Client Sample ID:** MW-59A

**York Sample ID:** 17C1155-07

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

17C1155

Rowe Industries Site

Water

March 28, 2017 9:35 am

03/30/2017

**Volatile Organics, 8260 List - Low Level**

**Log-in Notes:**

**Sample Notes:**

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	04/05/2017 18:57	04/06/2017 01:15	SS
71-55-6	1,1,1-Trichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	04/05/2017 18:57	04/06/2017 01:15	SS
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	04/05/2017 18:57	04/06/2017 01:15	SS
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	04/05/2017 18:57	04/06/2017 01:15	SS
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	04/05/2017 18:57	04/06/2017 01:15	SS
75-34-3	1,1-Dichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	04/05/2017 18:57	04/06/2017 01:15	SS
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	04/05/2017 18:57	04/06/2017 01:15	SS
563-58-6	1,1-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	04/05/2017 18:57	04/06/2017 01:15	SS
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	0.20	2.0	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	04/05/2017 18:57	04/06/2017 01:15	SS
96-18-4	1,2,3-Trichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	04/05/2017 18:57	04/06/2017 01:15	SS
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	04/05/2017 18:57	04/06/2017 01:15	SS
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	04/05/2017 18:57	04/06/2017 01:15	SS
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.20	2.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	04/05/2017 18:57	04/06/2017 01:15	SS
106-93-4	1,2-Dibromoethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	04/05/2017 18:57	04/06/2017 01:15	SS
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	04/05/2017 18:57	04/06/2017 01:15	SS
107-06-2	1,2-Dichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	04/05/2017 18:57	04/06/2017 01:15	SS
78-87-5	1,2-Dichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	04/05/2017 18:57	04/06/2017 01:15	SS
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	04/05/2017 18:57	04/06/2017 01:15	SS
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	04/05/2017 18:57	04/06/2017 01:15	SS
142-28-9	1,3-Dichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	04/05/2017 18:57	04/06/2017 01:15	SS
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	04/05/2017 18:57	04/06/2017 01:15	SS
594-20-7	2,2-Dichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	04/05/2017 18:57	04/06/2017 01:15	SS
95-49-8	2-Chlorotoluene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	04/05/2017 18:57	04/06/2017 01:15	SS



### Sample Information

**Client Sample ID:** MW-59A

**York Sample ID:** 17C1155-07

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

17C1155

Rowe Industries Site

Water

March 28, 2017 9:35 am

03/30/2017

**Volatile Organics, 8260 List - Low Level**

**Log-in Notes:**

**Sample Notes:**

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
591-78-6	2-Hexanone	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	04/05/2017 18:57	04/06/2017 01:15	SS
106-43-4	4-Chlorotoluene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	04/05/2017 18:57	04/06/2017 01:15	SS
67-64-1	<b>Acetone</b>	<b>1.1</b>	<b>J</b>	ug/L	1.0	2.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	04/05/2017 18:57	04/06/2017 01:15	SS
71-43-2	Benzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	04/05/2017 18:57	04/06/2017 01:15	SS
108-86-1	Bromobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	04/05/2017 18:57	04/06/2017 01:15	SS
74-97-5	Bromochloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	04/05/2017 18:57	04/06/2017 01:15	SS
75-27-4	Bromodichloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	04/05/2017 18:57	04/06/2017 01:15	SS
75-25-2	Bromoform	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	04/05/2017 18:57	04/06/2017 01:15	SS
74-83-9	Bromomethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	04/05/2017 18:57	04/06/2017 01:15	SS
56-23-5	Carbon tetrachloride	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	04/05/2017 18:57	04/06/2017 01:15	SS
108-90-7	Chlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	04/05/2017 18:57	04/06/2017 01:15	SS
75-00-3	Chloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	04/05/2017 18:57	04/06/2017 01:15	SS
67-66-3	Chloroform	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	04/05/2017 18:57	04/06/2017 01:15	SS
74-87-3	Chloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	04/05/2017 18:57	04/06/2017 01:15	SS
156-59-2	cis-1,2-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	04/05/2017 18:57	04/06/2017 01:15	SS
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	04/05/2017 18:57	04/06/2017 01:15	SS
124-48-1	Dibromochloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	04/05/2017 18:57	04/06/2017 01:15	SS
74-95-3	Dibromomethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	04/05/2017 18:57	04/06/2017 01:15	SS
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	04/05/2017 18:57	04/06/2017 01:15	SS
100-41-4	Ethyl Benzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	04/05/2017 18:57	04/06/2017 01:15	SS
87-68-3	Hexachlorobutadiene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	04/05/2017 18:57	04/06/2017 01:15	SS
98-82-8	Isopropylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	04/05/2017 18:57	04/06/2017 01:15	SS
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	04/05/2017 18:57	04/06/2017 01:15	SS



### Sample Information

**Client Sample ID:** MW-59A

**York Sample ID:** 17C1155-07

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

17C1155

Rowe Industries Site

Water

March 28, 2017 9:35 am

03/30/2017

**Volatile Organics, 8260 List - Low Level**

**Log-in Notes:**

**Sample Notes:**

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
75-09-2	Methylene chloride	ND		ug/L	1.0	2.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	04/05/2017 18:57	04/06/2017 01:15	SS
91-20-3	Naphthalene	ND		ug/L	1.0	2.0	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	04/05/2017 18:57	04/06/2017 01:15	SS
104-51-8	n-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	04/05/2017 18:57	04/06/2017 01:15	SS
103-65-1	n-Propylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	04/05/2017 18:57	04/06/2017 01:15	SS
95-47-6	o-Xylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854	04/05/2017 18:57	04/06/2017 01:15	SS
179601-23-1	p- & m- Xylenes	ND		ug/L	0.50	1.0	1	EPA 8260C Certifications: NELAC-NY10854	04/05/2017 18:57	04/06/2017 01:15	SS
99-87-6	p-Isopropyltoluene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	04/05/2017 18:57	04/06/2017 01:15	SS
135-98-8	sec-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	04/05/2017 18:57	04/06/2017 01:15	SS
100-42-5	Styrene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	04/05/2017 18:57	04/06/2017 01:15	SS
98-06-6	tert-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	04/05/2017 18:57	04/06/2017 01:15	SS
127-18-4	Tetrachloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	04/05/2017 18:57	04/06/2017 01:15	SS
108-88-3	Toluene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	04/05/2017 18:57	04/06/2017 01:15	SS
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	04/05/2017 18:57	04/06/2017 01:15	SS
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	04/05/2017 18:57	04/06/2017 01:15	SS
79-01-6	Trichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	04/05/2017 18:57	04/06/2017 01:15	SS
75-69-4	Trichlorofluoromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	04/05/2017 18:57	04/06/2017 01:15	SS
75-01-4	Vinyl Chloride	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	04/05/2017 18:57	04/06/2017 01:15	SS
1330-20-7	* Xylenes, Total	ND		ug/L	0.60	1.5	1	EPA 8260C Certifications: CTDOH,NJDEP	04/05/2017 18:57	04/06/2017 01:15	SS

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	Surrogate: 1,2-Dichloroethane-d4	106 %	69-130
2037-26-5	Surrogate: Toluene-d8	98.6 %	81-117
460-00-4	Surrogate: p-Bromofluorobenzene	109 %	79-122



### Sample Information

**Client Sample ID:** MW-59B

**York Sample ID:** 17C1155-08

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

17C1155

Rowe Industries Site

Water

March 28, 2017 9:25 am

03/30/2017

**Volatile Organics, 8260 List - Low Level**

**Log-in Notes:**

**Sample Notes:**

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	04/05/2017 18:57	04/06/2017 01:41	SS
71-55-6	1,1,1-Trichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	04/05/2017 18:57	04/06/2017 01:41	SS
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	04/05/2017 18:57	04/06/2017 01:41	SS
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	04/05/2017 18:57	04/06/2017 01:41	SS
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	04/05/2017 18:57	04/06/2017 01:41	SS
75-34-3	1,1-Dichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	04/05/2017 18:57	04/06/2017 01:41	SS
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	04/05/2017 18:57	04/06/2017 01:41	SS
563-58-6	1,1-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	04/05/2017 18:57	04/06/2017 01:41	SS
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	0.20	2.0	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	04/05/2017 18:57	04/06/2017 01:41	SS
96-18-4	1,2,3-Trichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	04/05/2017 18:57	04/06/2017 01:41	SS
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	04/05/2017 18:57	04/06/2017 01:41	SS
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	04/05/2017 18:57	04/06/2017 01:41	SS
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.20	2.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	04/05/2017 18:57	04/06/2017 01:41	SS
106-93-4	1,2-Dibromoethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	04/05/2017 18:57	04/06/2017 01:41	SS
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	04/05/2017 18:57	04/06/2017 01:41	SS
107-06-2	1,2-Dichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	04/05/2017 18:57	04/06/2017 01:41	SS
78-87-5	1,2-Dichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	04/05/2017 18:57	04/06/2017 01:41	SS
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	04/05/2017 18:57	04/06/2017 01:41	SS
541-73-1	<b>1,3-Dichlorobenzene</b>	<b>0.43</b>	J	ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	04/05/2017 18:57	04/06/2017 01:41	SS
142-28-9	1,3-Dichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	04/05/2017 18:57	04/06/2017 01:41	SS
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	04/05/2017 18:57	04/06/2017 01:41	SS
594-20-7	2,2-Dichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	04/05/2017 18:57	04/06/2017 01:41	SS
95-49-8	2-Chlorotoluene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	04/05/2017 18:57	04/06/2017 01:41	SS



### Sample Information

**Client Sample ID:** MW-59B

**York Sample ID:** 17C1155-08

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

17C1155

Rowe Industries Site

Water

March 28, 2017 9:25 am

03/30/2017

**Volatile Organics, 8260 List - Low Level**

**Log-in Notes:**

**Sample Notes:**

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
591-78-6	2-Hexanone	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	04/05/2017 18:57	04/06/2017 01:41	SS
106-43-4	4-Chlorotoluene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	04/05/2017 18:57	04/06/2017 01:41	SS
67-64-1	Acetone	ND		ug/L	1.0	2.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	04/05/2017 18:57	04/06/2017 01:41	SS
71-43-2	Benzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	04/05/2017 18:57	04/06/2017 01:41	SS
108-86-1	Bromobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	04/05/2017 18:57	04/06/2017 01:41	SS
74-97-5	Bromochloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	04/05/2017 18:57	04/06/2017 01:41	SS
75-27-4	Bromodichloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	04/05/2017 18:57	04/06/2017 01:41	SS
75-25-2	Bromoform	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	04/05/2017 18:57	04/06/2017 01:41	SS
74-83-9	Bromomethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	04/05/2017 18:57	04/06/2017 01:41	SS
56-23-5	Carbon tetrachloride	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	04/05/2017 18:57	04/06/2017 01:41	SS
108-90-7	Chlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	04/05/2017 18:57	04/06/2017 01:41	SS
75-00-3	Chloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	04/05/2017 18:57	04/06/2017 01:41	SS
67-66-3	Chloroform	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	04/05/2017 18:57	04/06/2017 01:41	SS
74-87-3	Chloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	04/05/2017 18:57	04/06/2017 01:41	SS
156-59-2	cis-1,2-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	04/05/2017 18:57	04/06/2017 01:41	SS
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	04/05/2017 18:57	04/06/2017 01:41	SS
124-48-1	Dibromochloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	04/05/2017 18:57	04/06/2017 01:41	SS
74-95-3	Dibromomethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	04/05/2017 18:57	04/06/2017 01:41	SS
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	04/05/2017 18:57	04/06/2017 01:41	SS
100-41-4	Ethyl Benzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	04/05/2017 18:57	04/06/2017 01:41	SS
87-68-3	Hexachlorobutadiene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	04/05/2017 18:57	04/06/2017 01:41	SS
98-82-8	Isopropylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	04/05/2017 18:57	04/06/2017 01:41	SS
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	04/05/2017 18:57	04/06/2017 01:41	SS



### Sample Information

**Client Sample ID:** MW-59B

**York Sample ID:** 17C1155-08

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

17C1155

Rowe Industries Site

Water

March 28, 2017 9:25 am

03/30/2017

**Volatile Organics, 8260 List - Low Level**

**Log-in Notes:**

**Sample Notes:**

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
75-09-2	Methylene chloride	ND		ug/L	1.0	2.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	04/05/2017 18:57	04/06/2017 01:41	SS
91-20-3	Naphthalene	ND		ug/L	1.0	2.0	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	04/05/2017 18:57	04/06/2017 01:41	SS
104-51-8	n-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	04/05/2017 18:57	04/06/2017 01:41	SS
103-65-1	n-Propylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	04/05/2017 18:57	04/06/2017 01:41	SS
95-47-6	o-Xylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854	04/05/2017 18:57	04/06/2017 01:41	SS
179601-23-1	p- & m- Xylenes	ND		ug/L	0.50	1.0	1	EPA 8260C Certifications: NELAC-NY10854	04/05/2017 18:57	04/06/2017 01:41	SS
99-87-6	p-Isopropyltoluene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	04/05/2017 18:57	04/06/2017 01:41	SS
135-98-8	sec-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	04/05/2017 18:57	04/06/2017 01:41	SS
100-42-5	Styrene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	04/05/2017 18:57	04/06/2017 01:41	SS
98-06-6	tert-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	04/05/2017 18:57	04/06/2017 01:41	SS
127-18-4	Tetrachloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	04/05/2017 18:57	04/06/2017 01:41	SS
108-88-3	Toluene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	04/05/2017 18:57	04/06/2017 01:41	SS
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	04/05/2017 18:57	04/06/2017 01:41	SS
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	04/05/2017 18:57	04/06/2017 01:41	SS
79-01-6	Trichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	04/05/2017 18:57	04/06/2017 01:41	SS
75-69-4	Trichlorofluoromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	04/05/2017 18:57	04/06/2017 01:41	SS
75-01-4	Vinyl Chloride	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	04/05/2017 18:57	04/06/2017 01:41	SS
1330-20-7	* Xylenes, Total	ND		ug/L	0.60	1.5	1	EPA 8260C Certifications: CTDOH,NJDEP	04/05/2017 18:57	04/06/2017 01:41	SS

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	Surrogate: 1,2-Dichloroethane-d4	103 %	69-130
2037-26-5	Surrogate: Toluene-d8	101 %	81-117
460-00-4	Surrogate: p-Bromofluorobenzene	109 %	79-122



### Sample Information

**Client Sample ID:** MW-98-01A

**York Sample ID:** 17C1155-09

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

17C1155

Rowe Industries Site

Water

March 29, 2017 9:20 am

03/30/2017

**Volatile Organics, 8260 List - Low Level**

**Log-in Notes:**

**Sample Notes:**

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	04/05/2017 18:57	04/06/2017 02:06	SS
71-55-6	1,1,1-Trichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	04/05/2017 18:57	04/06/2017 02:06	SS
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	04/05/2017 18:57	04/06/2017 02:06	SS
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	04/05/2017 18:57	04/06/2017 02:06	SS
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	04/05/2017 18:57	04/06/2017 02:06	SS
75-34-3	1,1-Dichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	04/05/2017 18:57	04/06/2017 02:06	SS
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	04/05/2017 18:57	04/06/2017 02:06	SS
563-58-6	1,1-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	04/05/2017 18:57	04/06/2017 02:06	SS
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	0.20	2.0	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	04/05/2017 18:57	04/06/2017 02:06	SS
96-18-4	1,2,3-Trichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	04/05/2017 18:57	04/06/2017 02:06	SS
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	04/05/2017 18:57	04/06/2017 02:06	SS
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	04/05/2017 18:57	04/06/2017 02:06	SS
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.20	2.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	04/05/2017 18:57	04/06/2017 02:06	SS
106-93-4	1,2-Dibromoethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	04/05/2017 18:57	04/06/2017 02:06	SS
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	04/05/2017 18:57	04/06/2017 02:06	SS
107-06-2	1,2-Dichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	04/05/2017 18:57	04/06/2017 02:06	SS
78-87-5	1,2-Dichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	04/05/2017 18:57	04/06/2017 02:06	SS
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	04/05/2017 18:57	04/06/2017 02:06	SS
541-73-1	<b>1,3-Dichlorobenzene</b>	<b>0.30</b>	J	ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	04/05/2017 18:57	04/06/2017 02:06	SS
142-28-9	1,3-Dichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	04/05/2017 18:57	04/06/2017 02:06	SS
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	04/05/2017 18:57	04/06/2017 02:06	SS
594-20-7	2,2-Dichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	04/05/2017 18:57	04/06/2017 02:06	SS
95-49-8	2-Chlorotoluene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	04/05/2017 18:57	04/06/2017 02:06	SS



### Sample Information

**Client Sample ID:** MW-98-01A

**York Sample ID:** 17C1155-09

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

17C1155

Rowe Industries Site

Water

March 29, 2017 9:20 am

03/30/2017

**Volatile Organics, 8260 List - Low Level**

**Log-in Notes:**

**Sample Notes:**

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
591-78-6	2-Hexanone	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	04/05/2017 18:57	04/06/2017 02:06	SS
106-43-4	4-Chlorotoluene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	04/05/2017 18:57	04/06/2017 02:06	SS
67-64-1	Acetone	ND		ug/L	1.0	2.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	04/05/2017 18:57	04/06/2017 02:06	SS
71-43-2	Benzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	04/05/2017 18:57	04/06/2017 02:06	SS
108-86-1	Bromobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	04/05/2017 18:57	04/06/2017 02:06	SS
74-97-5	Bromochloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	04/05/2017 18:57	04/06/2017 02:06	SS
75-27-4	Bromodichloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	04/05/2017 18:57	04/06/2017 02:06	SS
75-25-2	Bromoform	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	04/05/2017 18:57	04/06/2017 02:06	SS
74-83-9	Bromomethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	04/05/2017 18:57	04/06/2017 02:06	SS
56-23-5	Carbon tetrachloride	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	04/05/2017 18:57	04/06/2017 02:06	SS
108-90-7	Chlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	04/05/2017 18:57	04/06/2017 02:06	SS
75-00-3	Chloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	04/05/2017 18:57	04/06/2017 02:06	SS
67-66-3	Chloroform	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	04/05/2017 18:57	04/06/2017 02:06	SS
74-87-3	Chloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	04/05/2017 18:57	04/06/2017 02:06	SS
156-59-2	cis-1,2-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	04/05/2017 18:57	04/06/2017 02:06	SS
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	04/05/2017 18:57	04/06/2017 02:06	SS
124-48-1	Dibromochloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	04/05/2017 18:57	04/06/2017 02:06	SS
74-95-3	Dibromomethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	04/05/2017 18:57	04/06/2017 02:06	SS
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	04/05/2017 18:57	04/06/2017 02:06	SS
100-41-4	Ethyl Benzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	04/05/2017 18:57	04/06/2017 02:06	SS
87-68-3	Hexachlorobutadiene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	04/05/2017 18:57	04/06/2017 02:06	SS
98-82-8	Isopropylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	04/05/2017 18:57	04/06/2017 02:06	SS
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	04/05/2017 18:57	04/06/2017 02:06	SS



### Sample Information

**Client Sample ID:** MW-98-01A

**York Sample ID:** 17C1155-09

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

17C1155

Rowe Industries Site

Water

March 29, 2017 9:20 am

03/30/2017

**Volatile Organics, 8260 List - Low Level**

**Log-in Notes:**

**Sample Notes:**

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
75-09-2	Methylene chloride	ND		ug/L	1.0	2.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	04/05/2017 18:57	04/06/2017 02:06	SS
91-20-3	Naphthalene	ND		ug/L	1.0	2.0	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	04/05/2017 18:57	04/06/2017 02:06	SS
104-51-8	n-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	04/05/2017 18:57	04/06/2017 02:06	SS
103-65-1	n-Propylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	04/05/2017 18:57	04/06/2017 02:06	SS
95-47-6	o-Xylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854	04/05/2017 18:57	04/06/2017 02:06	SS
179601-23-1	p- & m- Xylenes	ND		ug/L	0.50	1.0	1	EPA 8260C Certifications: NELAC-NY10854	04/05/2017 18:57	04/06/2017 02:06	SS
99-87-6	p-Isopropyltoluene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	04/05/2017 18:57	04/06/2017 02:06	SS
135-98-8	sec-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	04/05/2017 18:57	04/06/2017 02:06	SS
100-42-5	Styrene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	04/05/2017 18:57	04/06/2017 02:06	SS
98-06-6	tert-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	04/05/2017 18:57	04/06/2017 02:06	SS
127-18-4	<b>Tetrachloroethylene</b>	<b>7.3</b>	SCAL-E	ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	04/05/2017 18:57	04/06/2017 02:06	SS
108-88-3	Toluene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	04/05/2017 18:57	04/06/2017 02:06	SS
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	04/05/2017 18:57	04/06/2017 02:06	SS
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	04/05/2017 18:57	04/06/2017 02:06	SS
79-01-6	Trichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	04/05/2017 18:57	04/06/2017 02:06	SS
75-69-4	Trichlorofluoromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	04/05/2017 18:57	04/06/2017 02:06	SS
75-01-4	Vinyl Chloride	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	04/05/2017 18:57	04/06/2017 02:06	SS
1330-20-7	* Xylenes, Total	ND		ug/L	0.60	1.5	1	EPA 8260C Certifications: CTDOH,NJDEP	04/05/2017 18:57	04/06/2017 02:06	SS
	<b>Surrogate Recoveries</b>	<b>Result</b>			<b>Acceptance Range</b>						
17060-07-0	Surrogate: 1,2-Dichloroethane-d4	106 %			69-130						
2037-26-5	Surrogate: Toluene-d8	98.0 %			81-117						
460-00-4	Surrogate: p-Bromofluorobenzene	111 %			79-122						



### Sample Information

**Client Sample ID:** MW-98-04

**York Sample ID:** 17C1155-10

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

17C1155

Rowe Industries Site

Water

March 27, 2017 5:20 pm

03/30/2017

**Volatile Organics, 8260 List - Low Level**

**Log-in Notes:**

**Sample Notes:**

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	04/05/2017 18:57	04/06/2017 02:32	SS
71-55-6	1,1,1-Trichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	04/05/2017 18:57	04/06/2017 02:32	SS
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	04/05/2017 18:57	04/06/2017 02:32	SS
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	04/05/2017 18:57	04/06/2017 02:32	SS
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	04/05/2017 18:57	04/06/2017 02:32	SS
75-34-3	1,1-Dichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	04/05/2017 18:57	04/06/2017 02:32	SS
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	04/05/2017 18:57	04/06/2017 02:32	SS
563-58-6	1,1-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	04/05/2017 18:57	04/06/2017 02:32	SS
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	0.20	2.0	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	04/05/2017 18:57	04/06/2017 02:32	SS
96-18-4	1,2,3-Trichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	04/05/2017 18:57	04/06/2017 02:32	SS
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	04/05/2017 18:57	04/06/2017 02:32	SS
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	04/05/2017 18:57	04/06/2017 02:32	SS
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.20	2.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	04/05/2017 18:57	04/06/2017 02:32	SS
106-93-4	1,2-Dibromoethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	04/05/2017 18:57	04/06/2017 02:32	SS
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	04/05/2017 18:57	04/06/2017 02:32	SS
107-06-2	1,2-Dichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	04/05/2017 18:57	04/06/2017 02:32	SS
78-87-5	1,2-Dichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	04/05/2017 18:57	04/06/2017 02:32	SS
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	04/05/2017 18:57	04/06/2017 02:32	SS
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	04/05/2017 18:57	04/06/2017 02:32	SS
142-28-9	1,3-Dichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	04/05/2017 18:57	04/06/2017 02:32	SS
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	04/05/2017 18:57	04/06/2017 02:32	SS
594-20-7	2,2-Dichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	04/05/2017 18:57	04/06/2017 02:32	SS
95-49-8	2-Chlorotoluene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	04/05/2017 18:57	04/06/2017 02:32	SS



### Sample Information

**Client Sample ID:** MW-98-04

**York Sample ID:** 17C1155-10

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

17C1155

Rowe Industries Site

Water

March 27, 2017 5:20 pm

03/30/2017

**Volatile Organics, 8260 List - Low Level**

**Log-in Notes:**

**Sample Notes:**

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
591-78-6	2-Hexanone	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	04/05/2017 18:57	04/06/2017 02:32	SS
106-43-4	4-Chlorotoluene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	04/05/2017 18:57	04/06/2017 02:32	SS
67-64-1	Acetone	ND		ug/L	1.0	2.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	04/05/2017 18:57	04/06/2017 02:32	SS
71-43-2	Benzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	04/05/2017 18:57	04/06/2017 02:32	SS
108-86-1	Bromobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	04/05/2017 18:57	04/06/2017 02:32	SS
74-97-5	Bromochloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	04/05/2017 18:57	04/06/2017 02:32	SS
75-27-4	Bromodichloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	04/05/2017 18:57	04/06/2017 02:32	SS
75-25-2	Bromoform	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	04/05/2017 18:57	04/06/2017 02:32	SS
74-83-9	Bromomethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	04/05/2017 18:57	04/06/2017 02:32	SS
56-23-5	Carbon tetrachloride	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	04/05/2017 18:57	04/06/2017 02:32	SS
108-90-7	Chlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	04/05/2017 18:57	04/06/2017 02:32	SS
75-00-3	Chloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	04/05/2017 18:57	04/06/2017 02:32	SS
67-66-3	Chloroform	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	04/05/2017 18:57	04/06/2017 02:32	SS
74-87-3	Chloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	04/05/2017 18:57	04/06/2017 02:32	SS
156-59-2	cis-1,2-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	04/05/2017 18:57	04/06/2017 02:32	SS
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	04/05/2017 18:57	04/06/2017 02:32	SS
124-48-1	Dibromochloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	04/05/2017 18:57	04/06/2017 02:32	SS
74-95-3	Dibromomethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	04/05/2017 18:57	04/06/2017 02:32	SS
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	04/05/2017 18:57	04/06/2017 02:32	SS
100-41-4	Ethyl Benzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	04/05/2017 18:57	04/06/2017 02:32	SS
87-68-3	Hexachlorobutadiene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	04/05/2017 18:57	04/06/2017 02:32	SS
98-82-8	Isopropylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	04/05/2017 18:57	04/06/2017 02:32	SS
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	04/05/2017 18:57	04/06/2017 02:32	SS



### Sample Information

**Client Sample ID:** MW-98-04

**York Sample ID:** 17C1155-10

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

17C1155

Rowe Industries Site

Water

March 27, 2017 5:20 pm

03/30/2017

**Volatile Organics, 8260 List - Low Level**

**Log-in Notes:**

**Sample Notes:**

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
75-09-2	Methylene chloride	ND		ug/L	1.0	2.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	04/05/2017 18:57	04/06/2017 02:32	SS
91-20-3	Naphthalene	ND		ug/L	1.0	2.0	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	04/05/2017 18:57	04/06/2017 02:32	SS
104-51-8	n-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	04/05/2017 18:57	04/06/2017 02:32	SS
103-65-1	n-Propylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	04/05/2017 18:57	04/06/2017 02:32	SS
95-47-6	o-Xylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854	04/05/2017 18:57	04/06/2017 02:32	SS
179601-23-1	p- & m- Xylenes	ND		ug/L	0.50	1.0	1	EPA 8260C Certifications: NELAC-NY10854	04/05/2017 18:57	04/06/2017 02:32	SS
99-87-6	p-Isopropyltoluene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	04/05/2017 18:57	04/06/2017 02:32	SS
135-98-8	sec-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	04/05/2017 18:57	04/06/2017 02:32	SS
100-42-5	Styrene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	04/05/2017 18:57	04/06/2017 02:32	SS
98-06-6	tert-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	04/05/2017 18:57	04/06/2017 02:32	SS
127-18-4	<b>Tetrachloroethylene</b>	<b>2.7</b>	SCAL-E	ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	04/05/2017 18:57	04/06/2017 02:32	SS
108-88-3	Toluene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	04/05/2017 18:57	04/06/2017 02:32	SS
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	04/05/2017 18:57	04/06/2017 02:32	SS
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	04/05/2017 18:57	04/06/2017 02:32	SS
79-01-6	Trichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	04/05/2017 18:57	04/06/2017 02:32	SS
75-69-4	Trichlorofluoromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	04/05/2017 18:57	04/06/2017 02:32	SS
75-01-4	Vinyl Chloride	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	04/05/2017 18:57	04/06/2017 02:32	SS
1330-20-7	* Xylenes, Total	ND		ug/L	0.60	1.5	1	EPA 8260C Certifications: CTDOH,NJDEP	04/05/2017 18:57	04/06/2017 02:32	SS
	<b>Surrogate Recoveries</b>	<b>Result</b>						<b>Acceptance Range</b>			
17060-07-0	Surrogate: 1,2-Dichloroethane-d4	102 %						69-130			
2037-26-5	Surrogate: Toluene-d8	103 %						81-117			
460-00-4	Surrogate: p-Bromofluorobenzene	110 %						79-122			



### Sample Information

**Client Sample ID:** MW-98-04B

**York Sample ID:** 17C1155-11

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

17C1155

Rowe Industries Site

Water

March 27, 2017 4:40 pm

03/30/2017

**Volatile Organics, 8260 List - Low Level**

**Log-in Notes:**

**Sample Notes:**

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	04/05/2017 18:57	04/06/2017 04:13	SS
71-55-6	1,1,1-Trichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	04/05/2017 18:57	04/06/2017 04:13	SS
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	04/05/2017 18:57	04/06/2017 04:13	SS
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	04/05/2017 18:57	04/06/2017 04:13	SS
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	04/05/2017 18:57	04/06/2017 04:13	SS
75-34-3	1,1-Dichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	04/05/2017 18:57	04/06/2017 04:13	SS
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	04/05/2017 18:57	04/06/2017 04:13	SS
563-58-6	1,1-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	04/05/2017 18:57	04/06/2017 04:13	SS
87-61-6	<b>1,2,3-Trichlorobenzene</b>	<b>0.55</b>	B, CCV-E, J	ug/L	0.20	2.0	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	04/05/2017 18:57	04/06/2017 04:13	SS
96-18-4	1,2,3-Trichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	04/05/2017 18:57	04/06/2017 04:13	SS
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	04/05/2017 18:57	04/06/2017 04:13	SS
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	04/05/2017 18:57	04/06/2017 04:13	SS
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.20	2.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	04/05/2017 18:57	04/06/2017 04:13	SS
106-93-4	1,2-Dibromoethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	04/05/2017 18:57	04/06/2017 04:13	SS
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	04/05/2017 18:57	04/06/2017 04:13	SS
107-06-2	1,2-Dichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	04/05/2017 18:57	04/06/2017 04:13	SS
78-87-5	1,2-Dichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	04/05/2017 18:57	04/06/2017 04:13	SS
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	04/05/2017 18:57	04/06/2017 04:13	SS
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	04/05/2017 18:57	04/06/2017 04:13	SS
142-28-9	1,3-Dichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	04/05/2017 18:57	04/06/2017 04:13	SS
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	04/05/2017 18:57	04/06/2017 04:13	SS
594-20-7	2,2-Dichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	04/05/2017 18:57	04/06/2017 04:13	SS
95-49-8	2-Chlorotoluene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	04/05/2017 18:57	04/06/2017 04:13	SS



### Sample Information

**Client Sample ID:** MW-98-04B

**York Sample ID:** 17C1155-11

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

17C1155

Rowe Industries Site

Water

March 27, 2017 4:40 pm

03/30/2017

**Volatile Organics, 8260 List - Low Level**

**Log-in Notes:**

**Sample Notes:**

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
591-78-6	2-Hexanone	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	04/05/2017 18:57	04/06/2017 04:13	SS
106-43-4	4-Chlorotoluene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	04/05/2017 18:57	04/06/2017 04:13	SS
67-64-1	Acetone	ND		ug/L	1.0	2.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	04/05/2017 18:57	04/06/2017 04:13	SS
71-43-2	Benzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	04/05/2017 18:57	04/06/2017 04:13	SS
108-86-1	Bromobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	04/05/2017 18:57	04/06/2017 04:13	SS
74-97-5	Bromochloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	04/05/2017 18:57	04/06/2017 04:13	SS
75-27-4	Bromodichloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	04/05/2017 18:57	04/06/2017 04:13	SS
75-25-2	Bromoform	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	04/05/2017 18:57	04/06/2017 04:13	SS
74-83-9	Bromomethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	04/05/2017 18:57	04/06/2017 04:13	SS
56-23-5	Carbon tetrachloride	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	04/05/2017 18:57	04/06/2017 04:13	SS
108-90-7	Chlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	04/05/2017 18:57	04/06/2017 04:13	SS
75-00-3	Chloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	04/05/2017 18:57	04/06/2017 04:13	SS
67-66-3	<b>Chloroform</b>	<b>0.52</b>		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	04/05/2017 18:57	04/06/2017 04:13	SS
74-87-3	Chloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	04/05/2017 18:57	04/06/2017 04:13	SS
156-59-2	cis-1,2-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	04/05/2017 18:57	04/06/2017 04:13	SS
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	04/05/2017 18:57	04/06/2017 04:13	SS
124-48-1	Dibromochloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	04/05/2017 18:57	04/06/2017 04:13	SS
74-95-3	Dibromomethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	04/05/2017 18:57	04/06/2017 04:13	SS
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	04/05/2017 18:57	04/06/2017 04:13	SS
100-41-4	Ethyl Benzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	04/05/2017 18:57	04/06/2017 04:13	SS
87-68-3	Hexachlorobutadiene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	04/05/2017 18:57	04/06/2017 04:13	SS
98-82-8	Isopropylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	04/05/2017 18:57	04/06/2017 04:13	SS
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	04/05/2017 18:57	04/06/2017 04:13	SS



### Sample Information

**Client Sample ID:** MW-98-04B

**York Sample ID:** 17C1155-11

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

17C1155

Rowe Industries Site

Water

March 27, 2017 4:40 pm

03/30/2017

**Volatile Organics, 8260 List - Low Level**

**Log-in Notes:**

**Sample Notes:**

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
75-09-2	Methylene chloride	ND		ug/L	1.0	2.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	04/05/2017 18:57	04/06/2017 04:13	SS
91-20-3	Naphthalene	ND		ug/L	1.0	2.0	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	04/05/2017 18:57	04/06/2017 04:13	SS
104-51-8	n-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	04/05/2017 18:57	04/06/2017 04:13	SS
103-65-1	n-Propylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	04/05/2017 18:57	04/06/2017 04:13	SS
95-47-6	o-Xylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854	04/05/2017 18:57	04/06/2017 04:13	SS
179601-23-1	p- & m- Xylenes	ND		ug/L	0.50	1.0	1	EPA 8260C Certifications: NELAC-NY10854	04/05/2017 18:57	04/06/2017 04:13	SS
99-87-6	p-Isopropyltoluene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	04/05/2017 18:57	04/06/2017 04:13	SS
135-98-8	sec-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	04/05/2017 18:57	04/06/2017 04:13	SS
100-42-5	Styrene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	04/05/2017 18:57	04/06/2017 04:13	SS
98-06-6	tert-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	04/05/2017 18:57	04/06/2017 04:13	SS
127-18-4	Tetrachloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	04/05/2017 18:57	04/06/2017 04:13	SS
108-88-3	Toluene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	04/05/2017 18:57	04/06/2017 04:13	SS
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	04/05/2017 18:57	04/06/2017 04:13	SS
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	04/05/2017 18:57	04/06/2017 04:13	SS
79-01-6	Trichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	04/05/2017 18:57	04/06/2017 04:13	SS
75-69-4	Trichlorofluoromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	04/05/2017 18:57	04/06/2017 04:13	SS
75-01-4	Vinyl Chloride	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	04/05/2017 18:57	04/06/2017 04:13	SS
1330-20-7	* Xylenes, Total	ND		ug/L	0.60	1.5	1	EPA 8260C Certifications: CTDOH,NJDEP	04/05/2017 18:57	04/06/2017 04:13	SS

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	Surrogate: 1,2-Dichloroethane-d4	106 %	69-130
2037-26-5	Surrogate: Toluene-d8	96.9 %	81-117
460-00-4	Surrogate: p-Bromofluorobenzene	109 %	79-122



### Sample Information

**Client Sample ID:** MW-98-05AR

**York Sample ID:** 17C1155-12

<u>York Project (SDG) No.</u> 17C1155	<u>Client Project ID</u> Rowe Industries Site	<u>Matrix</u> Water	<u>Collection Date/Time</u> March 29, 2017 10:45 am	<u>Date Received</u> 03/30/2017
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**Volatile Organics, 8260 List - Low Level**

**Log-in Notes:**

**Sample Notes:**

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	04/05/2017 18:57	04/06/2017 04:38	SS
71-55-6	1,1,1-Trichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	04/05/2017 18:57	04/06/2017 04:38	SS
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	04/05/2017 18:57	04/06/2017 04:38	SS
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	04/05/2017 18:57	04/06/2017 04:38	SS
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	04/05/2017 18:57	04/06/2017 04:38	SS
75-34-3	1,1-Dichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	04/05/2017 18:57	04/06/2017 04:38	SS
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	04/05/2017 18:57	04/06/2017 04:38	SS
563-58-6	1,1-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	04/05/2017 18:57	04/06/2017 04:38	SS
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	0.20	2.0	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	04/05/2017 18:57	04/06/2017 04:38	SS
96-18-4	1,2,3-Trichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	04/05/2017 18:57	04/06/2017 04:38	SS
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	04/05/2017 18:57	04/06/2017 04:38	SS
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	04/05/2017 18:57	04/06/2017 04:38	SS
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.20	2.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	04/05/2017 18:57	04/06/2017 04:38	SS
106-93-4	1,2-Dibromoethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	04/05/2017 18:57	04/06/2017 04:38	SS
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	04/05/2017 18:57	04/06/2017 04:38	SS
107-06-2	1,2-Dichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	04/05/2017 18:57	04/06/2017 04:38	SS
78-87-5	1,2-Dichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	04/05/2017 18:57	04/06/2017 04:38	SS
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	04/05/2017 18:57	04/06/2017 04:38	SS
541-73-1	<b>1,3-Dichlorobenzene</b>	<b>0.29</b>	<b>J</b>	ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	04/05/2017 18:57	04/06/2017 04:38	SS
142-28-9	1,3-Dichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	04/05/2017 18:57	04/06/2017 04:38	SS
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	04/05/2017 18:57	04/06/2017 04:38	SS
594-20-7	2,2-Dichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	04/05/2017 18:57	04/06/2017 04:38	SS
95-49-8	2-Chlorotoluene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	04/05/2017 18:57	04/06/2017 04:38	SS



### Sample Information

**Client Sample ID:** MW-98-05AR

**York Sample ID:** 17C1155-12

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

17C1155

Rowe Industries Site

Water

March 29, 2017 10:45 am

03/30/2017

**Volatile Organics, 8260 List - Low Level**

**Log-in Notes:**

**Sample Notes:**

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
591-78-6	2-Hexanone	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	04/05/2017 18:57	04/06/2017 04:38	SS
106-43-4	4-Chlorotoluene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	04/05/2017 18:57	04/06/2017 04:38	SS
67-64-1	<b>Acetone</b>	<b>1.1</b>	<b>J</b>	ug/L	1.0	2.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	04/05/2017 18:57	04/06/2017 04:38	SS
71-43-2	Benzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	04/05/2017 18:57	04/06/2017 04:38	SS
108-86-1	Bromobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	04/05/2017 18:57	04/06/2017 04:38	SS
74-97-5	Bromochloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	04/05/2017 18:57	04/06/2017 04:38	SS
75-27-4	Bromodichloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	04/05/2017 18:57	04/06/2017 04:38	SS
75-25-2	Bromoform	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	04/05/2017 18:57	04/06/2017 04:38	SS
74-83-9	Bromomethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	04/05/2017 18:57	04/06/2017 04:38	SS
56-23-5	Carbon tetrachloride	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	04/05/2017 18:57	04/06/2017 04:38	SS
108-90-7	Chlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	04/05/2017 18:57	04/06/2017 04:38	SS
75-00-3	Chloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	04/05/2017 18:57	04/06/2017 04:38	SS
67-66-3	Chloroform	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	04/05/2017 18:57	04/06/2017 04:38	SS
74-87-3	Chloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	04/05/2017 18:57	04/06/2017 04:38	SS
156-59-2	cis-1,2-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	04/05/2017 18:57	04/06/2017 04:38	SS
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	04/05/2017 18:57	04/06/2017 04:38	SS
124-48-1	Dibromochloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	04/05/2017 18:57	04/06/2017 04:38	SS
74-95-3	Dibromomethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	04/05/2017 18:57	04/06/2017 04:38	SS
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	04/05/2017 18:57	04/06/2017 04:38	SS
100-41-4	Ethyl Benzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	04/05/2017 18:57	04/06/2017 04:38	SS
87-68-3	Hexachlorobutadiene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	04/05/2017 18:57	04/06/2017 04:38	SS
98-82-8	Isopropylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	04/05/2017 18:57	04/06/2017 04:38	SS
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	04/05/2017 18:57	04/06/2017 04:38	SS



### Sample Information

**Client Sample ID:** MW-98-05AR

**York Sample ID:** 17C1155-12

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

17C1155

Rowe Industries Site

Water

March 29, 2017 10:45 am

03/30/2017

**Volatile Organics, 8260 List - Low Level**

**Log-in Notes:**

**Sample Notes:**

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
75-09-2	Methylene chloride	ND		ug/L	1.0	2.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	04/05/2017 18:57	04/06/2017 04:38	SS
91-20-3	Naphthalene	ND		ug/L	1.0	2.0	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	04/05/2017 18:57	04/06/2017 04:38	SS
104-51-8	n-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	04/05/2017 18:57	04/06/2017 04:38	SS
103-65-1	n-Propylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	04/05/2017 18:57	04/06/2017 04:38	SS
95-47-6	o-Xylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854	04/05/2017 18:57	04/06/2017 04:38	SS
179601-23-1	p- & m- Xylenes	ND		ug/L	0.50	1.0	1	EPA 8260C Certifications: NELAC-NY10854	04/05/2017 18:57	04/06/2017 04:38	SS
99-87-6	p-Isopropyltoluene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	04/05/2017 18:57	04/06/2017 04:38	SS
135-98-8	sec-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	04/05/2017 18:57	04/06/2017 04:38	SS
100-42-5	Styrene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	04/05/2017 18:57	04/06/2017 04:38	SS
98-06-6	tert-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	04/05/2017 18:57	04/06/2017 04:38	SS
127-18-4	<b>Tetrachloroethylene</b>	<b>34</b>	SCAL- E	ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	04/05/2017 18:57	04/06/2017 04:38	SS
108-88-3	Toluene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	04/05/2017 18:57	04/06/2017 04:38	SS
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	04/05/2017 18:57	04/06/2017 04:38	SS
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	04/05/2017 18:57	04/06/2017 04:38	SS
79-01-6	Trichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	04/05/2017 18:57	04/06/2017 04:38	SS
75-69-4	Trichlorofluoromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	04/05/2017 18:57	04/06/2017 04:38	SS
75-01-4	Vinyl Chloride	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	04/05/2017 18:57	04/06/2017 04:38	SS
1330-20-7	* Xylenes, Total	ND		ug/L	0.60	1.5	1	EPA 8260C Certifications: CTDOH,NJDEP	04/05/2017 18:57	04/06/2017 04:38	SS
<b>Surrogate Recoveries</b>		<b>Result</b>	<b>Acceptance Range</b>								
17060-07-0	Surrogate: 1,2-Dichloroethane-d4	104 %	69-130								
2037-26-5	Surrogate: Toluene-d8	96.0 %	81-117								
460-00-4	Surrogate: p-Bromofluorobenzene	104 %	79-122								



### Sample Information

**Client Sample ID:** MW-98-05BR

**York Sample ID:** 17C1155-13

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

17C1155

Rowe Industries Site

Water

March 29, 2017 10:15 am

03/30/2017

**Volatile Organics, 8260 List - Low Level**

**Log-in Notes:**

**Sample Notes:**

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	04/05/2017 18:57	04/06/2017 05:03	SS
71-55-6	1,1,1-Trichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	04/05/2017 18:57	04/06/2017 05:03	SS
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	04/05/2017 18:57	04/06/2017 05:03	SS
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	04/05/2017 18:57	04/06/2017 05:03	SS
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	04/05/2017 18:57	04/06/2017 05:03	SS
75-34-3	1,1-Dichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	04/05/2017 18:57	04/06/2017 05:03	SS
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	04/05/2017 18:57	04/06/2017 05:03	SS
563-58-6	1,1-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	04/05/2017 18:57	04/06/2017 05:03	SS
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	0.20	2.0	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	04/05/2017 18:57	04/06/2017 05:03	SS
96-18-4	1,2,3-Trichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	04/05/2017 18:57	04/06/2017 05:03	SS
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	04/05/2017 18:57	04/06/2017 05:03	SS
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	04/05/2017 18:57	04/06/2017 05:03	SS
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.20	2.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	04/05/2017 18:57	04/06/2017 05:03	SS
106-93-4	1,2-Dibromoethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	04/05/2017 18:57	04/06/2017 05:03	SS
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	04/05/2017 18:57	04/06/2017 05:03	SS
107-06-2	1,2-Dichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	04/05/2017 18:57	04/06/2017 05:03	SS
78-87-5	1,2-Dichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	04/05/2017 18:57	04/06/2017 05:03	SS
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	04/05/2017 18:57	04/06/2017 05:03	SS
541-73-1	<b>1,3-Dichlorobenzene</b>	<b>0.27</b>	<b>J</b>	ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	04/05/2017 18:57	04/06/2017 05:03	SS
142-28-9	1,3-Dichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	04/05/2017 18:57	04/06/2017 05:03	SS
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	04/05/2017 18:57	04/06/2017 05:03	SS
594-20-7	2,2-Dichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	04/05/2017 18:57	04/06/2017 05:03	SS
95-49-8	2-Chlorotoluene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	04/05/2017 18:57	04/06/2017 05:03	SS



### Sample Information

**Client Sample ID:** MW-98-05BR

**York Sample ID:** 17C1155-13

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

17C1155

Rowe Industries Site

Water

March 29, 2017 10:15 am

03/30/2017

**Volatile Organics, 8260 List - Low Level**

**Log-in Notes:**

**Sample Notes:**

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
591-78-6	2-Hexanone	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	04/05/2017 18:57	04/06/2017 05:03	SS
106-43-4	4-Chlorotoluene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	04/05/2017 18:57	04/06/2017 05:03	SS
67-64-1	Acetone	ND		ug/L	1.0	2.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	04/05/2017 18:57	04/06/2017 05:03	SS
71-43-2	Benzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	04/05/2017 18:57	04/06/2017 05:03	SS
108-86-1	Bromobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	04/05/2017 18:57	04/06/2017 05:03	SS
74-97-5	Bromochloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	04/05/2017 18:57	04/06/2017 05:03	SS
75-27-4	Bromodichloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	04/05/2017 18:57	04/06/2017 05:03	SS
75-25-2	Bromoform	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	04/05/2017 18:57	04/06/2017 05:03	SS
74-83-9	Bromomethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	04/05/2017 18:57	04/06/2017 05:03	SS
56-23-5	Carbon tetrachloride	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	04/05/2017 18:57	04/06/2017 05:03	SS
108-90-7	Chlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	04/05/2017 18:57	04/06/2017 05:03	SS
75-00-3	Chloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	04/05/2017 18:57	04/06/2017 05:03	SS
67-66-3	Chloroform	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	04/05/2017 18:57	04/06/2017 05:03	SS
74-87-3	Chloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	04/05/2017 18:57	04/06/2017 05:03	SS
156-59-2	cis-1,2-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	04/05/2017 18:57	04/06/2017 05:03	SS
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	04/05/2017 18:57	04/06/2017 05:03	SS
124-48-1	Dibromochloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	04/05/2017 18:57	04/06/2017 05:03	SS
74-95-3	Dibromomethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	04/05/2017 18:57	04/06/2017 05:03	SS
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	04/05/2017 18:57	04/06/2017 05:03	SS
100-41-4	Ethyl Benzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	04/05/2017 18:57	04/06/2017 05:03	SS
87-68-3	Hexachlorobutadiene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	04/05/2017 18:57	04/06/2017 05:03	SS
98-82-8	Isopropylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	04/05/2017 18:57	04/06/2017 05:03	SS
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	04/05/2017 18:57	04/06/2017 05:03	SS



### Sample Information

**Client Sample ID:** MW-98-05BR

**York Sample ID:** 17C1155-13

York Project (SDG) No.

Client Project ID

Matrix

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Date Received

17C1155

Rowe Industries Site

Water

March 29, 2017 10:15 am

03/30/2017

**Volatile Organics, 8260 List - Low Level**

**Log-in Notes:**

**Sample Notes:**

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
75-09-2	Methylene chloride	ND		ug/L	1.0	2.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	04/05/2017 18:57	04/06/2017 05:03	SS
91-20-3	Naphthalene	ND		ug/L	1.0	2.0	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	04/05/2017 18:57	04/06/2017 05:03	SS
104-51-8	n-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	04/05/2017 18:57	04/06/2017 05:03	SS
103-65-1	n-Propylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	04/05/2017 18:57	04/06/2017 05:03	SS
95-47-6	o-Xylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854	04/05/2017 18:57	04/06/2017 05:03	SS
179601-23-1	p- & m- Xylenes	ND		ug/L	0.50	1.0	1	EPA 8260C Certifications: NELAC-NY10854	04/05/2017 18:57	04/06/2017 05:03	SS
99-87-6	p-Isopropyltoluene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	04/05/2017 18:57	04/06/2017 05:03	SS
135-98-8	sec-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	04/05/2017 18:57	04/06/2017 05:03	SS
100-42-5	Styrene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	04/05/2017 18:57	04/06/2017 05:03	SS
98-06-6	tert-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	04/05/2017 18:57	04/06/2017 05:03	SS
127-18-4	Tetrachloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	04/05/2017 18:57	04/06/2017 05:03	SS
108-88-3	Toluene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	04/05/2017 18:57	04/06/2017 05:03	SS
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	04/05/2017 18:57	04/06/2017 05:03	SS
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	04/05/2017 18:57	04/06/2017 05:03	SS
79-01-6	Trichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	04/05/2017 18:57	04/06/2017 05:03	SS
75-69-4	Trichlorofluoromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	04/05/2017 18:57	04/06/2017 05:03	SS
75-01-4	Vinyl Chloride	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	04/05/2017 18:57	04/06/2017 05:03	SS
1330-20-7	* Xylenes, Total	ND		ug/L	0.60	1.5	1	EPA 8260C Certifications: CTDOH,NJDEP	04/05/2017 18:57	04/06/2017 05:03	SS

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	Surrogate: 1,2-Dichloroethane-d4	108 %	69-130
2037-26-5	Surrogate: Toluene-d8	98.7 %	81-117
460-00-4	Surrogate: p-Bromofluorobenzene	108 %	79-122



### Sample Information

**Client Sample ID:** MW-A

**York Sample ID:** 17C1155-14

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

17C1155

Rowe Industries Site

Water

March 27, 2017 4:45 pm

03/30/2017

**Volatile Organics, 8260 List - Low Level**

**Log-in Notes:**

**Sample Notes:**

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	04/05/2017 18:57	04/06/2017 05:29	SS
71-55-6	1,1,1-Trichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	04/05/2017 18:57	04/06/2017 05:29	SS
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	04/05/2017 18:57	04/06/2017 05:29	SS
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	04/05/2017 18:57	04/06/2017 05:29	SS
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	04/05/2017 18:57	04/06/2017 05:29	SS
75-34-3	1,1-Dichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	04/05/2017 18:57	04/06/2017 05:29	SS
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	04/05/2017 18:57	04/06/2017 05:29	SS
563-58-6	1,1-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	04/05/2017 18:57	04/06/2017 05:29	SS
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	0.20	2.0	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	04/05/2017 18:57	04/06/2017 05:29	SS
96-18-4	1,2,3-Trichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	04/05/2017 18:57	04/06/2017 05:29	SS
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	04/05/2017 18:57	04/06/2017 05:29	SS
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	04/05/2017 18:57	04/06/2017 05:29	SS
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.20	2.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	04/05/2017 18:57	04/06/2017 05:29	SS
106-93-4	1,2-Dibromoethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	04/05/2017 18:57	04/06/2017 05:29	SS
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	04/05/2017 18:57	04/06/2017 05:29	SS
107-06-2	1,2-Dichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	04/05/2017 18:57	04/06/2017 05:29	SS
78-87-5	1,2-Dichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	04/05/2017 18:57	04/06/2017 05:29	SS
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	04/05/2017 18:57	04/06/2017 05:29	SS
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	04/05/2017 18:57	04/06/2017 05:29	SS
142-28-9	1,3-Dichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	04/05/2017 18:57	04/06/2017 05:29	SS
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	04/05/2017 18:57	04/06/2017 05:29	SS
594-20-7	2,2-Dichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	04/05/2017 18:57	04/06/2017 05:29	SS
95-49-8	2-Chlorotoluene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	04/05/2017 18:57	04/06/2017 05:29	SS



### Sample Information

**Client Sample ID:** MW-A

**York Sample ID:** 17C1155-14

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

17C1155

Rowe Industries Site

Water

March 27, 2017 4:45 pm

03/30/2017

**Volatile Organics, 8260 List - Low Level**

**Log-in Notes:**

**Sample Notes:**

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
591-78-6	2-Hexanone	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	04/05/2017 18:57	04/06/2017 05:29	SS
106-43-4	4-Chlorotoluene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	04/05/2017 18:57	04/06/2017 05:29	SS
67-64-1	Acetone	ND		ug/L	1.0	2.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	04/05/2017 18:57	04/06/2017 05:29	SS
71-43-2	Benzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	04/05/2017 18:57	04/06/2017 05:29	SS
108-86-1	Bromobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	04/05/2017 18:57	04/06/2017 05:29	SS
74-97-5	Bromochloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	04/05/2017 18:57	04/06/2017 05:29	SS
75-27-4	Bromodichloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	04/05/2017 18:57	04/06/2017 05:29	SS
75-25-2	Bromoform	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	04/05/2017 18:57	04/06/2017 05:29	SS
74-83-9	Bromomethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	04/05/2017 18:57	04/06/2017 05:29	SS
56-23-5	Carbon tetrachloride	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	04/05/2017 18:57	04/06/2017 05:29	SS
108-90-7	Chlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	04/05/2017 18:57	04/06/2017 05:29	SS
75-00-3	Chloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	04/05/2017 18:57	04/06/2017 05:29	SS
67-66-3	<b>Chloroform</b>	<b>0.47</b>	<b>J</b>	ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	04/05/2017 18:57	04/06/2017 05:29	SS
74-87-3	Chloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	04/05/2017 18:57	04/06/2017 05:29	SS
156-59-2	cis-1,2-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	04/05/2017 18:57	04/06/2017 05:29	SS
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	04/05/2017 18:57	04/06/2017 05:29	SS
124-48-1	Dibromochloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	04/05/2017 18:57	04/06/2017 05:29	SS
74-95-3	Dibromomethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	04/05/2017 18:57	04/06/2017 05:29	SS
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	04/05/2017 18:57	04/06/2017 05:29	SS
100-41-4	Ethyl Benzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	04/05/2017 18:57	04/06/2017 05:29	SS
87-68-3	Hexachlorobutadiene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	04/05/2017 18:57	04/06/2017 05:29	SS
98-82-8	Isopropylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	04/05/2017 18:57	04/06/2017 05:29	SS
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	04/05/2017 18:57	04/06/2017 05:29	SS



### Sample Information

**Client Sample ID:** MW-A

**York Sample ID:** 17C1155-14

**York Project (SDG) No.**

**Client Project ID**

**Matrix**

**Collection Date/Time**

**Date Received**

17C1155

Rowe Industries Site

Water

March 27, 2017 4:45 pm

03/30/2017

**Volatile Organics, 8260 List - Low Level**

**Log-in Notes:**

**Sample Notes:**

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
75-09-2	Methylene chloride	ND		ug/L	1.0	2.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	04/05/2017 18:57	04/06/2017 05:29	SS
91-20-3	Naphthalene	ND		ug/L	1.0	2.0	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	04/05/2017 18:57	04/06/2017 05:29	SS
104-51-8	n-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	04/05/2017 18:57	04/06/2017 05:29	SS
103-65-1	n-Propylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	04/05/2017 18:57	04/06/2017 05:29	SS
95-47-6	o-Xylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854	04/05/2017 18:57	04/06/2017 05:29	SS
179601-23-1	p- & m- Xylenes	ND		ug/L	0.50	1.0	1	EPA 8260C Certifications: NELAC-NY10854	04/05/2017 18:57	04/06/2017 05:29	SS
99-87-6	p-Isopropyltoluene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	04/05/2017 18:57	04/06/2017 05:29	SS
135-98-8	sec-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	04/05/2017 18:57	04/06/2017 05:29	SS
100-42-5	Styrene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	04/05/2017 18:57	04/06/2017 05:29	SS
98-06-6	tert-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	04/05/2017 18:57	04/06/2017 05:29	SS
127-18-4	Tetrachloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	04/05/2017 18:57	04/06/2017 05:29	SS
108-88-3	Toluene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	04/05/2017 18:57	04/06/2017 05:29	SS
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	04/05/2017 18:57	04/06/2017 05:29	SS
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	04/05/2017 18:57	04/06/2017 05:29	SS
79-01-6	Trichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	04/05/2017 18:57	04/06/2017 05:29	SS
75-69-4	Trichlorofluoromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	04/05/2017 18:57	04/06/2017 05:29	SS
75-01-4	Vinyl Chloride	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	04/05/2017 18:57	04/06/2017 05:29	SS
1330-20-7	* Xylenes, Total	ND		ug/L	0.60	1.5	1	EPA 8260C Certifications: CTDOH,NJDEP	04/05/2017 18:57	04/06/2017 05:29	SS

Surrogate Recoveries	Result	Acceptance Range
17060-07-0 Surrogate: 1,2-Dichloroethane-d4	110 %	69-130
2037-26-5 Surrogate: Toluene-d8	98.7 %	81-117
460-00-4 Surrogate: p-Bromofluorobenzene	107 %	79-122



### Sample Information

**Client Sample ID:** N-32

**York Sample ID:** 17C1155-15

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

17C1155

Rowe Industries Site

Water

March 28, 2017 10:55 am

03/30/2017

**Volatile Organics, 8260 List - Low Level**

**Log-in Notes:**

**Sample Notes:**

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	04/05/2017 18:56	04/06/2017 08:52	SS
71-55-6	1,1,1-Trichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	04/05/2017 18:56	04/06/2017 08:52	SS
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	04/05/2017 18:56	04/06/2017 08:52	SS
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	04/05/2017 18:56	04/06/2017 08:52	SS
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	04/05/2017 18:56	04/06/2017 08:52	SS
75-34-3	1,1-Dichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	04/05/2017 18:56	04/06/2017 08:52	SS
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	04/05/2017 18:56	04/06/2017 08:52	SS
563-58-6	1,1-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	04/05/2017 18:56	04/06/2017 08:52	SS
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	0.20	2.0	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	04/05/2017 18:56	04/06/2017 08:52	SS
96-18-4	1,2,3-Trichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	04/05/2017 18:56	04/06/2017 08:52	SS
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	04/05/2017 18:56	04/06/2017 08:52	SS
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	04/05/2017 18:56	04/06/2017 08:52	SS
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.20	2.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	04/05/2017 18:56	04/06/2017 08:52	SS
106-93-4	1,2-Dibromoethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	04/05/2017 18:56	04/06/2017 08:52	SS
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	04/05/2017 18:56	04/06/2017 08:52	SS
107-06-2	1,2-Dichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	04/05/2017 18:56	04/06/2017 08:52	SS
78-87-5	1,2-Dichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	04/05/2017 18:56	04/06/2017 08:52	SS
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	04/05/2017 18:56	04/06/2017 08:52	SS
541-73-1	<b>1,3-Dichlorobenzene</b>	<b>0.33</b>	J	ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	04/05/2017 18:56	04/06/2017 08:52	SS
142-28-9	1,3-Dichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	04/05/2017 18:56	04/06/2017 08:52	SS
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	04/05/2017 18:56	04/06/2017 08:52	SS
594-20-7	2,2-Dichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	04/05/2017 18:56	04/06/2017 08:52	SS
95-49-8	2-Chlorotoluene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	04/05/2017 18:56	04/06/2017 08:52	SS



### Sample Information

**Client Sample ID:** N-32

**York Sample ID:** 17C1155-15

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

17C1155

Rowe Industries Site

Water

March 28, 2017 10:55 am

03/30/2017

**Volatile Organics, 8260 List - Low Level**

**Log-in Notes:**

**Sample Notes:**

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
591-78-6	2-Hexanone	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	04/05/2017 18:56	04/06/2017 08:52	SS
106-43-4	4-Chlorotoluene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	04/05/2017 18:56	04/06/2017 08:52	SS
67-64-1	<b>Acetone</b>	<b>1.1</b>	<b>J</b>	ug/L	1.0	2.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	04/05/2017 18:56	04/06/2017 08:52	SS
71-43-2	Benzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	04/05/2017 18:56	04/06/2017 08:52	SS
108-86-1	Bromobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	04/05/2017 18:56	04/06/2017 08:52	SS
74-97-5	Bromochloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	04/05/2017 18:56	04/06/2017 08:52	SS
75-27-4	Bromodichloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	04/05/2017 18:56	04/06/2017 08:52	SS
75-25-2	Bromoform	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	04/05/2017 18:56	04/06/2017 08:52	SS
74-83-9	Bromomethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	04/05/2017 18:56	04/06/2017 08:52	SS
56-23-5	Carbon tetrachloride	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	04/05/2017 18:56	04/06/2017 08:52	SS
108-90-7	Chlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	04/05/2017 18:56	04/06/2017 08:52	SS
75-00-3	Chloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	04/05/2017 18:56	04/06/2017 08:52	SS
67-66-3	Chloroform	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	04/05/2017 18:56	04/06/2017 08:52	SS
74-87-3	Chloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	04/05/2017 18:56	04/06/2017 08:52	SS
156-59-2	cis-1,2-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	04/05/2017 18:56	04/06/2017 08:52	SS
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	04/05/2017 18:56	04/06/2017 08:52	SS
124-48-1	Dibromochloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	04/05/2017 18:56	04/06/2017 08:52	SS
74-95-3	Dibromomethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	04/05/2017 18:56	04/06/2017 08:52	SS
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	04/05/2017 18:56	04/06/2017 08:52	SS
100-41-4	Ethyl Benzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	04/05/2017 18:56	04/06/2017 08:52	SS
87-68-3	Hexachlorobutadiene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	04/05/2017 18:56	04/06/2017 08:52	SS
98-82-8	Isopropylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	04/05/2017 18:56	04/06/2017 08:52	SS
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	04/05/2017 18:56	04/06/2017 08:52	SS



### Sample Information

**Client Sample ID:** N-32

**York Sample ID:** 17C1155-15

**York Project (SDG) No.**

**Client Project ID**

**Matrix**

**Collection Date/Time**

**Date Received**

17C1155

Rowe Industries Site

Water

March 28, 2017 10:55 am

03/30/2017

**Volatile Organics, 8260 List - Low Level**

**Log-in Notes:**

**Sample Notes:**

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
75-09-2	Methylene chloride	ND		ug/L	1.0	2.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	04/05/2017 18:56	04/06/2017 08:52	SS
91-20-3	Naphthalene	ND		ug/L	1.0	2.0	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	04/05/2017 18:56	04/06/2017 08:52	SS
104-51-8	n-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	04/05/2017 18:56	04/06/2017 08:52	SS
103-65-1	n-Propylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	04/05/2017 18:56	04/06/2017 08:52	SS
95-47-6	o-Xylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854	04/05/2017 18:56	04/06/2017 08:52	SS
179601-23-1	p- & m- Xylenes	ND		ug/L	0.50	1.0	1	EPA 8260C Certifications: NELAC-NY10854	04/05/2017 18:56	04/06/2017 08:52	SS
99-87-6	p-Isopropyltoluene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	04/05/2017 18:56	04/06/2017 08:52	SS
135-98-8	sec-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	04/05/2017 18:56	04/06/2017 08:52	SS
100-42-5	Styrene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	04/05/2017 18:56	04/06/2017 08:52	SS
98-06-6	tert-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	04/05/2017 18:56	04/06/2017 08:52	SS
127-18-4	Tetrachloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	04/05/2017 18:56	04/06/2017 08:52	SS
108-88-3	Toluene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	04/05/2017 18:56	04/06/2017 08:52	SS
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	04/05/2017 18:56	04/06/2017 08:52	SS
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	04/05/2017 18:56	04/06/2017 08:52	SS
79-01-6	Trichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	04/05/2017 18:56	04/06/2017 08:52	SS
75-69-4	Trichlorofluoromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	04/05/2017 18:56	04/06/2017 08:52	SS
75-01-4	Vinyl Chloride	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	04/05/2017 18:56	04/06/2017 08:52	SS
1330-20-7	* Xylenes, Total	ND		ug/L	0.60	1.5	1	EPA 8260C Certifications: CTDOH,NJDEP	04/05/2017 18:56	04/06/2017 08:52	SS

Surrogate Recoveries	Result	Acceptance Range
17060-07-0 Surrogate: 1,2-Dichloroethane-d4	105 %	69-130
2037-26-5 Surrogate: Toluene-d8	97.4 %	81-117
460-00-4 Surrogate: p-Bromofluorobenzene	112 %	79-122



### Sample Information

**Client Sample ID:** N-32B

**York Sample ID:** 17C1155-16

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

17C1155

Rowe Industries Site

Water

March 28, 2017 11:30 am

03/30/2017

**Volatile Organics, 8260 List - Low Level**

**Log-in Notes:**

**Sample Notes:**

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	04/05/2017 18:56	04/06/2017 09:17	SS
71-55-6	1,1,1-Trichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	04/05/2017 18:56	04/06/2017 09:17	SS
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	04/05/2017 18:56	04/06/2017 09:17	SS
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	04/05/2017 18:56	04/06/2017 09:17	SS
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	04/05/2017 18:56	04/06/2017 09:17	SS
75-34-3	1,1-Dichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	04/05/2017 18:56	04/06/2017 09:17	SS
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	04/05/2017 18:56	04/06/2017 09:17	SS
563-58-6	1,1-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	04/05/2017 18:56	04/06/2017 09:17	SS
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	0.20	2.0	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	04/05/2017 18:56	04/06/2017 09:17	SS
96-18-4	1,2,3-Trichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	04/05/2017 18:56	04/06/2017 09:17	SS
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	04/05/2017 18:56	04/06/2017 09:17	SS
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	04/05/2017 18:56	04/06/2017 09:17	SS
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.20	2.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	04/05/2017 18:56	04/06/2017 09:17	SS
106-93-4	1,2-Dibromoethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	04/05/2017 18:56	04/06/2017 09:17	SS
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	04/05/2017 18:56	04/06/2017 09:17	SS
107-06-2	1,2-Dichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	04/05/2017 18:56	04/06/2017 09:17	SS
78-87-5	1,2-Dichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	04/05/2017 18:56	04/06/2017 09:17	SS
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	04/05/2017 18:56	04/06/2017 09:17	SS
541-73-1	<b>1,3-Dichlorobenzene</b>	<b>0.44</b>	J	ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	04/05/2017 18:56	04/06/2017 09:17	SS
142-28-9	1,3-Dichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	04/05/2017 18:56	04/06/2017 09:17	SS
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	04/05/2017 18:56	04/06/2017 09:17	SS
594-20-7	2,2-Dichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	04/05/2017 18:56	04/06/2017 09:17	SS
95-49-8	2-Chlorotoluene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	04/05/2017 18:56	04/06/2017 09:17	SS



### Sample Information

**Client Sample ID:** N-32B

**York Sample ID:** 17C1155-16

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

17C1155

Rowe Industries Site

Water

March 28, 2017 11:30 am

03/30/2017

**Volatile Organics, 8260 List - Low Level**

**Log-in Notes:**

**Sample Notes:**

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
591-78-6	2-Hexanone	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	04/05/2017 18:56	04/06/2017 09:17	SS
106-43-4	4-Chlorotoluene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	04/05/2017 18:56	04/06/2017 09:17	SS
67-64-1	<b>Acetone</b>	<b>1.2</b>	<b>J</b>	ug/L	1.0	2.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	04/05/2017 18:56	04/06/2017 09:17	SS
71-43-2	Benzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	04/05/2017 18:56	04/06/2017 09:17	SS
108-86-1	Bromobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	04/05/2017 18:56	04/06/2017 09:17	SS
74-97-5	Bromochloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	04/05/2017 18:56	04/06/2017 09:17	SS
75-27-4	Bromodichloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	04/05/2017 18:56	04/06/2017 09:17	SS
75-25-2	Bromoform	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	04/05/2017 18:56	04/06/2017 09:17	SS
74-83-9	Bromomethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	04/05/2017 18:56	04/06/2017 09:17	SS
56-23-5	Carbon tetrachloride	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	04/05/2017 18:56	04/06/2017 09:17	SS
108-90-7	Chlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	04/05/2017 18:56	04/06/2017 09:17	SS
75-00-3	Chloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	04/05/2017 18:56	04/06/2017 09:17	SS
67-66-3	Chloroform	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	04/05/2017 18:56	04/06/2017 09:17	SS
74-87-3	Chloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	04/05/2017 18:56	04/06/2017 09:17	SS
156-59-2	cis-1,2-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	04/05/2017 18:56	04/06/2017 09:17	SS
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	04/05/2017 18:56	04/06/2017 09:17	SS
124-48-1	Dibromochloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	04/05/2017 18:56	04/06/2017 09:17	SS
74-95-3	Dibromomethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	04/05/2017 18:56	04/06/2017 09:17	SS
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	04/05/2017 18:56	04/06/2017 09:17	SS
100-41-4	Ethyl Benzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	04/05/2017 18:56	04/06/2017 09:17	SS
87-68-3	Hexachlorobutadiene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	04/05/2017 18:56	04/06/2017 09:17	SS
98-82-8	Isopropylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	04/05/2017 18:56	04/06/2017 09:17	SS
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	04/05/2017 18:56	04/06/2017 09:17	SS



### Sample Information

**Client Sample ID:** N-32B

**York Sample ID:** 17C1155-16

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

17C1155

Rowe Industries Site

Water

March 28, 2017 11:30 am

03/30/2017

**Volatile Organics, 8260 List - Low Level**

**Log-in Notes:**

**Sample Notes:**

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
75-09-2	Methylene chloride	ND		ug/L	1.0	2.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	04/05/2017 18:56	04/06/2017 09:17	SS
91-20-3	Naphthalene	ND		ug/L	1.0	2.0	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	04/05/2017 18:56	04/06/2017 09:17	SS
104-51-8	n-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	04/05/2017 18:56	04/06/2017 09:17	SS
103-65-1	n-Propylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	04/05/2017 18:56	04/06/2017 09:17	SS
95-47-6	o-Xylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854	04/05/2017 18:56	04/06/2017 09:17	SS
179601-23-1	p- & m- Xylenes	ND		ug/L	0.50	1.0	1	EPA 8260C Certifications: NELAC-NY10854	04/05/2017 18:56	04/06/2017 09:17	SS
99-87-6	p-Isopropyltoluene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	04/05/2017 18:56	04/06/2017 09:17	SS
135-98-8	sec-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	04/05/2017 18:56	04/06/2017 09:17	SS
100-42-5	Styrene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	04/05/2017 18:56	04/06/2017 09:17	SS
98-06-6	tert-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	04/05/2017 18:56	04/06/2017 09:17	SS
127-18-4	Tetrachloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	04/05/2017 18:56	04/06/2017 09:17	SS
108-88-3	Toluene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	04/05/2017 18:56	04/06/2017 09:17	SS
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	04/05/2017 18:56	04/06/2017 09:17	SS
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	04/05/2017 18:56	04/06/2017 09:17	SS
79-01-6	Trichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	04/05/2017 18:56	04/06/2017 09:17	SS
75-69-4	Trichlorofluoromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	04/05/2017 18:56	04/06/2017 09:17	SS
75-01-4	Vinyl Chloride	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	04/05/2017 18:56	04/06/2017 09:17	SS
1330-20-7	* Xylenes, Total	ND		ug/L	0.60	1.5	1	EPA 8260C Certifications: CTDOH,NJDEP	04/05/2017 18:56	04/06/2017 09:17	SS
<b>Surrogate Recoveries</b>		<b>Result</b>			<b>Acceptance Range</b>						
17060-07-0	Surrogate: 1,2-Dichloroethane-d4	105 %			69-130						
2037-26-5	Surrogate: Toluene-d8	98.9 %			81-117						
460-00-4	Surrogate: p-Bromofluorobenzene	112 %			79-122						



### Sample Information

**Client Sample ID:** FB-TS

**York Sample ID:** 17C1155-17

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

17C1155

Rowe Industries Site

Water

March 28, 2017 2:35 pm

03/30/2017

**Volatile Organics, 8260 List - Low Level**

**Log-in Notes:**

**Sample Notes:**

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	04/05/2017 18:56	04/06/2017 09:42	SS
71-55-6	1,1,1-Trichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	04/05/2017 18:56	04/06/2017 09:42	SS
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	04/05/2017 18:56	04/06/2017 09:42	SS
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	04/05/2017 18:56	04/06/2017 09:42	SS
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	04/05/2017 18:56	04/06/2017 09:42	SS
75-34-3	1,1-Dichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	04/05/2017 18:56	04/06/2017 09:42	SS
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	04/05/2017 18:56	04/06/2017 09:42	SS
563-58-6	1,1-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	04/05/2017 18:56	04/06/2017 09:42	SS
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	0.20	2.0	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	04/05/2017 18:56	04/06/2017 09:42	SS
96-18-4	1,2,3-Trichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	04/05/2017 18:56	04/06/2017 09:42	SS
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	04/05/2017 18:56	04/06/2017 09:42	SS
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	04/05/2017 18:56	04/06/2017 09:42	SS
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.20	2.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	04/05/2017 18:56	04/06/2017 09:42	SS
106-93-4	1,2-Dibromoethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	04/05/2017 18:56	04/06/2017 09:42	SS
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	04/05/2017 18:56	04/06/2017 09:42	SS
107-06-2	1,2-Dichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	04/05/2017 18:56	04/06/2017 09:42	SS
78-87-5	1,2-Dichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	04/05/2017 18:56	04/06/2017 09:42	SS
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	04/05/2017 18:56	04/06/2017 09:42	SS
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	04/05/2017 18:56	04/06/2017 09:42	SS
142-28-9	1,3-Dichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	04/05/2017 18:56	04/06/2017 09:42	SS
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	04/05/2017 18:56	04/06/2017 09:42	SS
594-20-7	2,2-Dichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	04/05/2017 18:56	04/06/2017 09:42	SS
95-49-8	2-Chlorotoluene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	04/05/2017 18:56	04/06/2017 09:42	SS



### Sample Information

**Client Sample ID:** FB-TS

**York Sample ID:** 17C1155-17

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

17C1155

Rowe Industries Site

Water

March 28, 2017 2:35 pm

03/30/2017

**Volatile Organics, 8260 List - Low Level**

**Log-in Notes:**

**Sample Notes:**

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
591-78-6	2-Hexanone	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	04/05/2017 18:56	04/06/2017 09:42	SS
106-43-4	4-Chlorotoluene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	04/05/2017 18:56	04/06/2017 09:42	SS
67-64-1	<b>Acetone</b>	<b>3.3</b>		ug/L	1.0	2.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	04/05/2017 18:56	04/06/2017 09:42	SS
71-43-2	Benzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	04/05/2017 18:56	04/06/2017 09:42	SS
108-86-1	Bromobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	04/05/2017 18:56	04/06/2017 09:42	SS
74-97-5	Bromochloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	04/05/2017 18:56	04/06/2017 09:42	SS
75-27-4	Bromodichloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	04/05/2017 18:56	04/06/2017 09:42	SS
75-25-2	Bromoform	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	04/05/2017 18:56	04/06/2017 09:42	SS
74-83-9	Bromomethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	04/05/2017 18:56	04/06/2017 09:42	SS
56-23-5	Carbon tetrachloride	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	04/05/2017 18:56	04/06/2017 09:42	SS
108-90-7	Chlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	04/05/2017 18:56	04/06/2017 09:42	SS
75-00-3	Chloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	04/05/2017 18:56	04/06/2017 09:42	SS
67-66-3	Chloroform	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	04/05/2017 18:56	04/06/2017 09:42	SS
74-87-3	Chloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	04/05/2017 18:56	04/06/2017 09:42	SS
156-59-2	cis-1,2-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	04/05/2017 18:56	04/06/2017 09:42	SS
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	04/05/2017 18:56	04/06/2017 09:42	SS
124-48-1	Dibromochloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	04/05/2017 18:56	04/06/2017 09:42	SS
74-95-3	Dibromomethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	04/05/2017 18:56	04/06/2017 09:42	SS
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	04/05/2017 18:56	04/06/2017 09:42	SS
100-41-4	Ethyl Benzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	04/05/2017 18:56	04/06/2017 09:42	SS
87-68-3	Hexachlorobutadiene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	04/05/2017 18:56	04/06/2017 09:42	SS
98-82-8	Isopropylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	04/05/2017 18:56	04/06/2017 09:42	SS
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	04/05/2017 18:56	04/06/2017 09:42	SS



### Sample Information

**Client Sample ID:** FB-TS

**York Sample ID:** 17C1155-17

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

17C1155

Rowe Industries Site

Water

March 28, 2017 2:35 pm

03/30/2017

**Volatile Organics, 8260 List - Low Level**

**Log-in Notes:**

**Sample Notes:**

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
75-09-2	Methylene chloride	ND		ug/L	1.0	2.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	04/05/2017 18:56	04/06/2017 09:42	SS
91-20-3	Naphthalene	ND		ug/L	1.0	2.0	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	04/05/2017 18:56	04/06/2017 09:42	SS
104-51-8	n-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	04/05/2017 18:56	04/06/2017 09:42	SS
103-65-1	n-Propylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	04/05/2017 18:56	04/06/2017 09:42	SS
95-47-6	o-Xylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854	04/05/2017 18:56	04/06/2017 09:42	SS
179601-23-1	p- & m- Xylenes	ND		ug/L	0.50	1.0	1	EPA 8260C Certifications: NELAC-NY10854	04/05/2017 18:56	04/06/2017 09:42	SS
99-87-6	p-Isopropyltoluene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	04/05/2017 18:56	04/06/2017 09:42	SS
135-98-8	sec-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	04/05/2017 18:56	04/06/2017 09:42	SS
100-42-5	Styrene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	04/05/2017 18:56	04/06/2017 09:42	SS
98-06-6	tert-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	04/05/2017 18:56	04/06/2017 09:42	SS
127-18-4	Tetrachloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	04/05/2017 18:56	04/06/2017 09:42	SS
108-88-3	Toluene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	04/05/2017 18:56	04/06/2017 09:42	SS
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	04/05/2017 18:56	04/06/2017 09:42	SS
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	04/05/2017 18:56	04/06/2017 09:42	SS
79-01-6	Trichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	04/05/2017 18:56	04/06/2017 09:42	SS
75-69-4	Trichlorofluoromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	04/05/2017 18:56	04/06/2017 09:42	SS
75-01-4	Vinyl Chloride	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	04/05/2017 18:56	04/06/2017 09:42	SS
1330-20-7	* Xylenes, Total	ND		ug/L	0.60	1.5	1	EPA 8260C Certifications: CTDOH,NJDEP	04/05/2017 18:56	04/06/2017 09:42	SS

Surrogate Recoveries	Result	Acceptance Range
17060-07-0 Surrogate: 1,2-Dichloroethane-d4	106 %	69-130
2037-26-5 Surrogate: Toluene-d8	97.3 %	81-117
460-00-4 Surrogate: p-Bromofluorobenzene	111 %	79-122



### Sample Information

**Client Sample ID:** TB-TS

**York Sample ID:** 17C1155-18

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

17C1155

Rowe Industries Site

Water

March 29, 2017 12:00 am

03/30/2017

**Volatile Organics, 8260 List - Low Level**

**Log-in Notes:**

**Sample Notes:**

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	04/05/2017 18:56	04/06/2017 10:08	SS
71-55-6	1,1,1-Trichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	04/05/2017 18:56	04/06/2017 10:08	SS
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	04/05/2017 18:56	04/06/2017 10:08	SS
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	04/05/2017 18:56	04/06/2017 10:08	SS
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	04/05/2017 18:56	04/06/2017 10:08	SS
75-34-3	1,1-Dichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	04/05/2017 18:56	04/06/2017 10:08	SS
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	04/05/2017 18:56	04/06/2017 10:08	SS
563-58-6	1,1-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	04/05/2017 18:56	04/06/2017 10:08	SS
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	0.20	2.0	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	04/05/2017 18:56	04/06/2017 10:08	SS
96-18-4	1,2,3-Trichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	04/05/2017 18:56	04/06/2017 10:08	SS
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	04/05/2017 18:56	04/06/2017 10:08	SS
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	04/05/2017 18:56	04/06/2017 10:08	SS
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.20	2.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	04/05/2017 18:56	04/06/2017 10:08	SS
106-93-4	1,2-Dibromoethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	04/05/2017 18:56	04/06/2017 10:08	SS
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	04/05/2017 18:56	04/06/2017 10:08	SS
107-06-2	1,2-Dichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	04/05/2017 18:56	04/06/2017 10:08	SS
78-87-5	1,2-Dichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	04/05/2017 18:56	04/06/2017 10:08	SS
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	04/05/2017 18:56	04/06/2017 10:08	SS
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	04/05/2017 18:56	04/06/2017 10:08	SS
142-28-9	1,3-Dichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	04/05/2017 18:56	04/06/2017 10:08	SS
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	04/05/2017 18:56	04/06/2017 10:08	SS
594-20-7	2,2-Dichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	04/05/2017 18:56	04/06/2017 10:08	SS
95-49-8	2-Chlorotoluene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	04/05/2017 18:56	04/06/2017 10:08	SS



### Sample Information

**Client Sample ID:** TB-TS

**York Sample ID:** 17C1155-18

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

17C1155

Rowe Industries Site

Water

March 29, 2017 12:00 am

03/30/2017

**Volatile Organics, 8260 List - Low Level**

**Log-in Notes:**

**Sample Notes:**

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
591-78-6	2-Hexanone	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	04/05/2017 18:56	04/06/2017 10:08	SS
106-43-4	4-Chlorotoluene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	04/05/2017 18:56	04/06/2017 10:08	SS
67-64-1	Acetone	ND		ug/L	1.0	2.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	04/05/2017 18:56	04/06/2017 10:08	SS
71-43-2	Benzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	04/05/2017 18:56	04/06/2017 10:08	SS
108-86-1	Bromobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	04/05/2017 18:56	04/06/2017 10:08	SS
74-97-5	Bromochloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	04/05/2017 18:56	04/06/2017 10:08	SS
75-27-4	Bromodichloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	04/05/2017 18:56	04/06/2017 10:08	SS
75-25-2	Bromoform	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	04/05/2017 18:56	04/06/2017 10:08	SS
74-83-9	Bromomethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	04/05/2017 18:56	04/06/2017 10:08	SS
56-23-5	Carbon tetrachloride	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	04/05/2017 18:56	04/06/2017 10:08	SS
108-90-7	Chlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	04/05/2017 18:56	04/06/2017 10:08	SS
75-00-3	Chloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	04/05/2017 18:56	04/06/2017 10:08	SS
67-66-3	Chloroform	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	04/05/2017 18:56	04/06/2017 10:08	SS
74-87-3	Chloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	04/05/2017 18:56	04/06/2017 10:08	SS
156-59-2	cis-1,2-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	04/05/2017 18:56	04/06/2017 10:08	SS
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	04/05/2017 18:56	04/06/2017 10:08	SS
124-48-1	Dibromochloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	04/05/2017 18:56	04/06/2017 10:08	SS
74-95-3	Dibromomethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	04/05/2017 18:56	04/06/2017 10:08	SS
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	04/05/2017 18:56	04/06/2017 10:08	SS
100-41-4	Ethyl Benzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	04/05/2017 18:56	04/06/2017 10:08	SS
87-68-3	Hexachlorobutadiene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	04/05/2017 18:56	04/06/2017 10:08	SS
98-82-8	Isopropylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	04/05/2017 18:56	04/06/2017 10:08	SS
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	04/05/2017 18:56	04/06/2017 10:08	SS



### Sample Information

**Client Sample ID:** TB-TS

**York Sample ID:** 17C1155-18

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

17C1155

Rowe Industries Site

Water

March 29, 2017 12:00 am

03/30/2017

**Volatile Organics, 8260 List - Low Level**

**Log-in Notes:**

**Sample Notes:**

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
75-09-2	Methylene chloride	ND		ug/L	1.0	2.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	04/05/2017 18:56	04/06/2017 10:08	SS
91-20-3	Naphthalene	ND		ug/L	1.0	2.0	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	04/05/2017 18:56	04/06/2017 10:08	SS
104-51-8	n-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	04/05/2017 18:56	04/06/2017 10:08	SS
103-65-1	n-Propylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	04/05/2017 18:56	04/06/2017 10:08	SS
95-47-6	o-Xylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854	04/05/2017 18:56	04/06/2017 10:08	SS
179601-23-1	p- & m- Xylenes	ND		ug/L	0.50	1.0	1	EPA 8260C Certifications: NELAC-NY10854	04/05/2017 18:56	04/06/2017 10:08	SS
99-87-6	p-Isopropyltoluene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	04/05/2017 18:56	04/06/2017 10:08	SS
135-98-8	sec-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	04/05/2017 18:56	04/06/2017 10:08	SS
100-42-5	Styrene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	04/05/2017 18:56	04/06/2017 10:08	SS
98-06-6	tert-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	04/05/2017 18:56	04/06/2017 10:08	SS
127-18-4	Tetrachloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	04/05/2017 18:56	04/06/2017 10:08	SS
108-88-3	Toluene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	04/05/2017 18:56	04/06/2017 10:08	SS
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	04/05/2017 18:56	04/06/2017 10:08	SS
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	04/05/2017 18:56	04/06/2017 10:08	SS
79-01-6	Trichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	04/05/2017 18:56	04/06/2017 10:08	SS
75-69-4	Trichlorofluoromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	04/05/2017 18:56	04/06/2017 10:08	SS
75-01-4	Vinyl Chloride	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	04/05/2017 18:56	04/06/2017 10:08	SS
1330-20-7	* Xylenes, Total	ND		ug/L	0.60	1.5	1	EPA 8260C Certifications: CTDOH,NJDEP	04/05/2017 18:56	04/06/2017 10:08	SS

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	Surrogate: 1,2-Dichloroethane-d4	102 %	69-130
2037-26-5	Surrogate: Toluene-d8	97.0 %	81-117
460-00-4	Surrogate: p-Bromofluorobenzene	110 %	79-122



## Analytical Batch Summary

**Batch ID:** BD70185

**Preparation Method:** EPA 5030B

**Prepared By:** RDS

YORK Sample ID	Client Sample ID	Preparation Date
17C1155-01	MW-28A	04/05/17
17C1155-02	MW-28B	04/05/17
17C1155-03	MW-45A	04/05/17
17C1155-04	MW-45B	04/05/17
17C1155-05	MW-58A	04/05/17
17C1155-06	MW-58B	04/05/17
17C1155-07	MW-59A	04/05/17
17C1155-08	MW-59B	04/05/17
17C1155-09	MW-98-01A	04/05/17
17C1155-10	MW-98-04	04/05/17
17C1155-11	MW-98-04B	04/05/17
17C1155-12	MW-98-05AR	04/05/17
17C1155-13	MW-98-05BR	04/05/17
17C1155-14	MW-A	04/05/17
BD70185-BLK1	Blank	04/05/17
BD70185-BS1	LCS	04/05/17
BD70185-BSD1	LCS Dup	04/05/17
BD70185-MS1	Matrix Spike	04/05/17
BD70185-MSD1	Matrix Spike Dup	04/05/17

**Batch ID:** BD70186

**Preparation Method:** EPA 5030B

**Prepared By:** RDS

YORK Sample ID	Client Sample ID	Preparation Date
17C1155-15	N-32	04/05/17
17C1155-16	N-32B	04/05/17
17C1155-17	FB-TS	04/05/17
17C1155-18	TB-TS	04/05/17
BD70186-BLK1	Blank	04/05/17
BD70186-BS1	LCS	04/05/17
BD70186-BSD1	LCS Dup	04/05/17



**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 BD70185 - EPA 5030B**

**Blank (BD70185-BLK1)**

Prepared & Analyzed: 04/05/2017

1,1,1,2-Tetrachloroethane	ND	0.50	ug/L								
1,1,1-Trichloroethane	ND	0.50	"								
1,1,2,2-Tetrachloroethane	ND	0.50	"								
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	0.50	"								
1,1,2-Trichloroethane	ND	0.50	"								
1,1-Dichloroethane	ND	0.50	"								
1,1-Dichloroethylene	ND	0.50	"								
1,1-Dichloropropylene	ND	0.50	"								
1,2,3-Trichlorobenzene	0.82	0.50	"								
1,2,3-Trichloropropane	ND	0.50	"								
1,2,4-Trichlorobenzene	ND	0.50	"								
1,2,4-Trimethylbenzene	ND	0.50	"								
1,2-Dibromo-3-chloropropane	ND	0.50	"								
1,2-Dibromoethane	ND	0.50	"								
1,2-Dichlorobenzene	ND	0.50	"								
1,2-Dichloroethane	ND	0.50	"								
1,2-Dichloropropane	ND	0.50	"								
1,3,5-Trimethylbenzene	ND	0.50	"								
1,3-Dichlorobenzene	ND	0.50	"								
1,3-Dichloropropane	ND	0.50	"								
1,4-Dichlorobenzene	ND	0.50	"								
2,2-Dichloropropane	ND	0.50	"								
2-Chlorotoluene	ND	0.50	"								
2-Hexanone	ND	0.50	"								
4-Chlorotoluene	ND	0.50	"								
Acetone	1.6	2.0	"								
Benzene	ND	0.50	"								
Bromobenzene	ND	0.50	"								
Bromochloromethane	ND	0.50	"								
Bromodichloromethane	ND	0.50	"								
Bromoform	ND	0.50	"								
Bromomethane	ND	0.50	"								
Carbon tetrachloride	ND	0.50	"								
Chlorobenzene	ND	0.50	"								
Chloroethane	ND	0.50	"								
Chloroform	ND	0.50	"								
Chloromethane	ND	0.50	"								
cis-1,2-Dichloroethylene	ND	0.50	"								
cis-1,3-Dichloropropylene	ND	0.50	"								
Dibromochloromethane	ND	0.50	"								
Dibromomethane	ND	0.50	"								
Dichlorodifluoromethane	ND	0.50	"								
Ethyl Benzene	ND	0.50	"								
Hexachlorobutadiene	ND	0.50	"								
Isopropylbenzene	ND	0.50	"								
Methyl tert-butyl ether (MTBE)	ND	0.50	"								
Methylene chloride	ND	2.0	"								
Naphthalene	ND	2.0	"								
n-Butylbenzene	ND	0.50	"								
n-Propylbenzene	ND	0.50	"								



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	
<b>Batch BD70185 - EPA 5030B</b>											
<b>Blank (BD70185-BLK1)</b>											Prepared & Analyzed: 04/05/2017
o-Xylene	ND	0.50	ug/L								
p- & m- Xylenes	ND	1.0	"								
p-Isopropyltoluene	ND	0.50	"								
sec-Butylbenzene	ND	0.50	"								
Styrene	ND	0.50	"								
tert-Butylbenzene	ND	0.50	"								
Tetrachloroethylene	ND	0.50	"								
Toluene	ND	0.50	"								
trans-1,2-Dichloroethylene	ND	0.50	"								
trans-1,3-Dichloropropylene	ND	0.50	"								
Trichloroethylene	ND	0.50	"								
Trichlorofluoromethane	ND	0.50	"								
Vinyl Chloride	ND	0.50	"								
Xylenes, Total	ND	1.5	"								
<i>Surrogate: 1,2-Dichloroethane-d4</i>	<i>10.1</i>		<i>"</i>	<i>10.0</i>		<i>101</i>	<i>69-130</i>				
<i>Surrogate: Toluene-d8</i>	<i>9.94</i>		<i>"</i>	<i>10.0</i>		<i>99.4</i>	<i>81-117</i>				
<i>Surrogate: p-Bromofluorobenzene</i>	<i>11.3</i>		<i>"</i>	<i>10.0</i>		<i>113</i>	<i>79-122</i>				
<b>LCS (BD70185-BS1)</b>											Prepared & Analyzed: 04/05/2017
1,1,1,2-Tetrachloroethane	9.98		ug/L	10.0		99.8	82-126				
1,1,1-Trichloroethane	10.5		"	10.0		105	78-136				
1,1,2,2-Tetrachloroethane	11.5		"	10.0		115	76-129				
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	10.7		"	10.0		107	54-165				
1,1,2-Trichloroethane	10.0		"	10.0		100	82-123				
1,1-Dichloroethane	10.6		"	10.0		106	82-129				
1,1-Dichloroethylene	10.3		"	10.0		103	68-138				
1,1-Dichloropropylene	10.5		"	10.0		105	83-133				
1,2,3-Trichlorobenzene	15.8		"	10.0		158	76-136	High Bias			
1,2,3-Trichloropropane	10.9		"	10.0		109	77-128				
1,2,4-Trichlorobenzene	14.3		"	10.0		143	76-137	High Bias			
1,2,4-Trimethylbenzene	11.0		"	10.0		110	82-132				
1,2-Dibromo-3-chloropropane	12.0		"	10.0		120	45-147				
1,2-Dibromoethane	9.88		"	10.0		98.8	83-124				
1,2-Dichlorobenzene	10.7		"	10.0		107	79-123				
1,2-Dichloroethane	10.9		"	10.0		109	73-132				
1,2-Dichloropropane	9.98		"	10.0		99.8	78-126				
1,3,5-Trimethylbenzene	10.9		"	10.0		109	80-131				
1,3-Dichlorobenzene	10.5		"	10.0		105	86-122				
1,3-Dichloropropane	10.2		"	10.0		102	81-125				
1,4-Dichlorobenzene	10.8		"	10.0		108	85-124				
2,2-Dichloropropane	10.9		"	10.0		109	56-150				
2-Chlorotoluene	11.1		"	10.0		111	79-130				
2-Hexanone	10.9		"	10.0		109	51-146				
4-Chlorotoluene	11.1		"	10.0		111	79-128				
Acetone	9.76		"	10.0		97.6	14-150				
Benzene	10.6		"	10.0		106	85-126				
Bromobenzene	11.0		"	10.0		110	78-129				
Bromochloromethane	11.5		"	10.0		115	77-128				
Bromodichloromethane	9.98		"	10.0		99.8	79-128				
Bromoform	9.07		"	10.0		90.7	78-133				
Bromomethane	5.99		"	10.0		59.9	43-168				



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 BD70185 - EPA 5030B

LCS (BD70185-BS1)

Prepared & Analyzed: 04/05/2017

Carbon tetrachloride	10.3		ug/L	10.0		103	77-141				
Chlorobenzene	10.2		"	10.0		102	88-120				
Chloroethane	10.5		"	10.0		105	65-136				
Chloroform	10.1		"	10.0		101	82-128				
Chloromethane	12.6		"	10.0		126	43-155				
cis-1,2-Dichloroethylene	10.6		"	10.0		106	83-129				
cis-1,3-Dichloropropylene	9.98		"	10.0		99.8	80-131				
Dibromochloromethane	9.47		"	10.0		94.7	80-130				
Dibromomethane	9.90		"	10.0		99.0	72-134				
Dichlorodifluoromethane	8.60		"	10.0		86.0	44-144				
Ethyl Benzene	10.7		"	10.0		107	80-131				
Hexachlorobutadiene	13.1		"	10.0		131	67-146				
Isopropylbenzene	11.1		"	10.0		111	76-140				
Methyl tert-butyl ether (MTBE)	10.4		"	10.0		104	76-135				
Methylene chloride	9.65		"	10.0		96.5	55-137				
Naphthalene	15.5		"	10.0		155	70-147	High Bias			
n-Butylbenzene	11.4		"	10.0		114	79-132				
n-Propylbenzene	11.2		"	10.0		112	78-133				
o-Xylene	10.1		"	10.0		101	78-130				
p- & m- Xylenes	21.9		"	20.0		110	77-133				
p-Isopropyltoluene	10.8		"	10.0		108	81-136				
sec-Butylbenzene	11.0		"	10.0		110	79-137				
Styrene	10.0		"	10.0		100	67-132				
tert-Butylbenzene	11.0		"	10.0		110	77-138				
Tetrachloroethylene	8.28		"	10.0		82.8	82-131				
Toluene	10.0		"	10.0		100	80-127				
trans-1,2-Dichloroethylene	10.2		"	10.0		102	80-132				
trans-1,3-Dichloropropylene	9.90		"	10.0		99.0	78-131				
Trichloroethylene	9.67		"	10.0		96.7	82-128				
Trichlorofluoromethane	10.5		"	10.0		105	67-139				
Vinyl Chloride	12.3		"	10.0		123	58-145				
Surrogate: 1,2-Dichloroethane-d4	10.4		"	10.0		104	69-130				
Surrogate: Toluene-d8	9.30		"	10.0		93.0	81-117				
Surrogate: p-Bromofluorobenzene	10.3		"	10.0		103	79-122				



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

**York Analytical Laboratories, Inc.**

Analyte	Result	Reporting		Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	
		Limit	Units						RPD	Limit
<b>Batch BD70185 - EPA 5030B</b>										
<b>LCS Dup (BD70185-BSD1)</b>										
Prepared & Analyzed: 04/05/2017										
1,1,1,2-Tetrachloroethane	10.2		ug/L	10.0		102	82-126		1.89	30
1,1,1-Trichloroethane	9.98		"	10.0		99.8	78-136		4.70	30
1,1,2,2-Tetrachloroethane	10.6		"	10.0		106	76-129		8.68	30
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	10.4		"	10.0		104	54-165		3.51	30
1,1,2-Trichloroethane	10.8		"	10.0		108	82-123		7.95	30
1,1-Dichloroethane	10.1		"	10.0		101	82-129		4.64	30
1,1-Dichloroethylene	9.87		"	10.0		98.7	68-138		4.26	30
1,1-Dichloropropylene	10.0		"	10.0		100	83-133		4.50	30
1,2,3-Trichlorobenzene	12.4		"	10.0		124	76-136		23.8	30
1,2,3-Trichloropropane	10.5		"	10.0		105	77-128		4.20	30
1,2,4-Trichlorobenzene	11.2		"	10.0		112	76-137		23.7	30
1,2,4-Trimethylbenzene	11.1		"	10.0		111	82-132		1.54	30
1,2-Dibromo-3-chloropropane	10.8		"	10.0		108	45-147		10.9	30
1,2-Dibromoethane	10.2		"	10.0		102	83-124		2.70	30
1,2-Dichlorobenzene	10.5		"	10.0		105	79-123		1.23	30
1,2-Dichloroethane	9.89		"	10.0		98.9	73-132		9.35	30
1,2-Dichloropropane	10.4		"	10.0		104	78-126		4.31	30
1,3,5-Trimethylbenzene	11.3		"	10.0		113	80-131		3.60	30
1,3-Dichlorobenzene	10.6		"	10.0		106	86-122		1.32	30
1,3-Dichloropropane	10.8		"	10.0		108	81-125		5.99	30
1,4-Dichlorobenzene	10.7		"	10.0		107	85-124		0.466	30
2,2-Dichloropropane	10.2		"	10.0		102	56-150		6.33	30
2-Chlorotoluene	10.8		"	10.0		108	79-130		2.10	30
2-Hexanone	10.9		"	10.0		109	51-146		0.00	30
4-Chlorotoluene	11.2		"	10.0		112	79-128		1.43	30
Acetone	9.09		"	10.0		90.9	14-150		7.11	30
Benzene	10.2		"	10.0		102	85-126		3.37	30
Bromobenzene	10.6		"	10.0		106	78-129		2.87	30
Bromochloromethane	10.9		"	10.0		109	77-128		5.18	30
Bromodichloromethane	10.2		"	10.0		102	79-128		2.47	30
Bromoform	9.28		"	10.0		92.8	78-133		2.29	30
Bromomethane	7.01		"	10.0		70.1	43-168		15.7	30
Carbon tetrachloride	9.72		"	10.0		97.2	77-141		6.08	30
Chlorobenzene	10.2		"	10.0		102	88-120		0.0976	30
Chloroethane	10.6		"	10.0		106	65-136		1.04	30
Chloroform	9.81		"	10.0		98.1	82-128		3.31	30
Chloromethane	12.7		"	10.0		127	43-155		0.473	30
cis-1,2-Dichloroethylene	10.1		"	10.0		101	83-129		4.81	30
cis-1,3-Dichloropropylene	10.4		"	10.0		104	80-131		3.64	30
Dibromochloromethane	9.62		"	10.0		96.2	80-130		1.57	30
Dibromomethane	10.1		"	10.0		101	72-134		2.10	30
Dichlorodifluoromethane	8.22		"	10.0		82.2	44-144		4.52	30
Ethyl Benzene	10.6		"	10.0		106	80-131		0.656	30
Hexachlorobutadiene	12.3		"	10.0		123	67-146		5.98	30
Isopropylbenzene	11.0		"	10.0		110	76-140		0.993	30
Methyl tert-butyl ether (MTBE)	9.60		"	10.0		96.0	76-135		8.29	30
Methylene chloride	8.96		"	10.0		89.6	55-137		7.42	30
Naphthalene	12.2		"	10.0		122	70-147		23.3	30
n-Butylbenzene	11.8		"	10.0		118	79-132		3.37	30
n-Propylbenzene	11.2		"	10.0		112	78-133		0.0895	30
o-Xylene	10.6		"	10.0		106	78-130		5.50	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 BD70185 - EPA 5030B

LCS Dup (BD70185-BSD1)

Prepared & Analyzed: 04/05/2017

p- & m- Xylenes	21.8		ug/L	20.0		109	77-133		0.594	30	
p-Isopropyltoluene	11.3		"	10.0		113	81-136		3.98	30	
sec-Butylbenzene	11.4		"	10.0		114	79-137		3.84	30	
Styrene	10.5		"	10.0		105	67-132		4.39	30	
tert-Butylbenzene	11.2		"	10.0		112	77-138		1.99	30	
Tetrachloroethylene	8.99		"	10.0		89.9	82-131		8.22	30	
Toluene	10.6		"	10.0		106	80-127		5.52	30	
trans-1,2-Dichloroethylene	10.0		"	10.0		100	80-132		2.08	30	
trans-1,3-Dichloropropylene	10.2		"	10.0		102	78-131		2.59	30	
Trichloroethylene	10.5		"	10.0		105	82-128		8.51	30	
Trichlorofluoromethane	10.3		"	10.0		103	67-139		2.40	30	
Vinyl Chloride	12.0		"	10.0		120	58-145		2.80	30	
Surrogate: 1,2-Dichloroethane-d4	9.86		"	10.0		98.6	69-130				
Surrogate: Toluene-d8	9.91		"	10.0		99.1	81-117				
Surrogate: p-Bromofluorobenzene	10.1		"	10.0		101	79-122				

Matrix Spike (BD70185-MS1)

\*Source sample: 17C1155-10 (MW-98-04)

Prepared: 04/05/2017 Analyzed: 04/06/2017

1,1,1,2-Tetrachloroethane	8.50		ug/L	10.0	ND	85.0	45-161				
1,1,1-Trichloroethane	8.51		"	10.0	ND	85.1	70-146				
1,1,2,2-Tetrachloroethane	8.94		"	10.0	ND	89.4	74-121				
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	6.86		"	10.0	ND	68.6	21-217				
1,1,2-Trichloroethane	9.17		"	10.0	ND	91.7	59-146				
1,1-Dichloroethane	8.42		"	10.0	ND	84.2	54-146				
1,1-Dichloroethylene	8.06		"	10.0	ND	80.6	44-165				
1,1-Dichloropropylene	7.95		"	10.0	ND	79.5	82-134	Low Bias			
1,2,3-Trichlorobenzene	5.21		"	10.0	ND	52.1	40-161				
1,2,3-Trichloropropane	9.17		"	10.0	ND	91.7	74-127				
1,2,4-Trichlorobenzene	6.17		"	10.0	ND	61.7	41-161				
1,2,4-Trimethylbenzene	8.30		"	10.0	ND	83.0	72-129				
1,2-Dibromo-3-chloropropane	8.09		"	10.0	ND	80.9	31-151				
1,2-Dibromoethane	8.31		"	10.0	ND	83.1	75-125				
1,2-Dichlorobenzene	8.10		"	10.0	ND	81.0	63-122				
1,2-Dichloroethane	8.41		"	10.0	ND	84.1	68-131				
1,2-Dichloropropane	10.2		"	10.0	ND	102	77-121				
1,3,5-Trimethylbenzene	8.48		"	10.0	ND	84.8	69-126				
1,3-Dichlorobenzene	7.97		"	10.0	ND	79.7	74-119				
1,3-Dichloropropane	8.76		"	10.0	ND	87.6	77-119				
1,4-Dichlorobenzene	7.82		"	10.0	ND	78.2	70-124				
2,2-Dichloropropane	8.60		"	10.0	ND	86.0	10-160				
2-Chlorotoluene	8.56		"	10.0	ND	85.6	70-126				
2-Hexanone	9.01		"	10.0	ND	90.1	53-133				
4-Chlorotoluene	8.36		"	10.0	ND	83.6	69-124				
Acetone	6.83		"	10.0	ND	68.3	13-149				
Benzene	8.20		"	10.0	ND	82.0	38-155				
Bromobenzene	8.84		"	10.0	ND	88.4	72-122				
Bromochloromethane	8.77		"	10.0	ND	87.7	75-121				
Bromodichloromethane	9.03		"	10.0	ND	90.3	70-129				
Bromoform	7.89		"	10.0	ND	78.9	66-136				
Bromomethane	4.52		"	10.0	ND	45.2	30-158				
Carbon tetrachloride	8.36		"	10.0	ND	83.6	71-146				
Chlorobenzene	8.18		"	10.0	ND	81.8	81-117				



Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting		Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	
		Limit	Units						RPD	Limit
<b>Batch BD70185 - EPA 5030B</b>										
<b>Matrix Spike (BD70185-MS1)</b>	*Source sample: 17C1155-10 (MW-98-04)						Prepared: 04/05/2017 Analyzed: 04/06/2017			
Chloroethane	8.63		ug/L	10.0	ND	86.3	51-145			
Chloroform	8.08		"	10.0	ND	80.8	80-124			
Chloromethane	10.7		"	10.0	ND	107	16-163			
cis-1,2-Dichloroethylene	8.37		"	10.0	ND	83.7	76-125			
cis-1,3-Dichloropropylene	8.61		"	10.0	ND	86.1	58-131			
Dibromochloromethane	8.17		"	10.0	ND	81.7	71-129			
Dibromomethane	9.50		"	10.0	ND	95.0	76-120			
Dichlorodifluoromethane	6.02		"	10.0	ND	60.2	30-147			
Ethyl Benzene	8.43		"	10.0	ND	84.3	72-128			
Hexachlorobutadiene	7.03		"	10.0	ND	70.3	34-166			
Isopropylbenzene	8.80		"	10.0	ND	88.0	66-139			
Methyl tert-butyl ether (MTBE)	8.05		"	10.0	ND	80.5	75-128			
Methylene chloride	7.46		"	10.0	ND	74.6	57-128			
Naphthalene	5.65		"	10.0	ND	56.5	39-158			
n-Butylbenzene	7.66		"	10.0	ND	76.6	61-138			
n-Propylbenzene	8.43		"	10.0	ND	84.3	66-134			
o-Xylene	8.52		"	10.0	ND	85.2	69-126			
p- & m- Xylenes	16.7		"	20.0	ND	83.6	67-130			
p-Isopropyltoluene	7.93		"	10.0	ND	79.3	64-137			
sec-Butylbenzene	8.31		"	10.0	ND	83.1	53-155			
Styrene	8.19		"	10.0	ND	81.9	69-125			
tert-Butylbenzene	8.79		"	10.0	ND	87.9	65-139			
Tetrachloroethylene	8.89		"	10.0	2.73	61.6	64-139	Low Bias		
Toluene	9.00		"	10.0	ND	90.0	76-123			
trans-1,2-Dichloroethylene	8.16		"	10.0	ND	81.6	79-131			
trans-1,3-Dichloropropylene	8.75		"	10.0	ND	87.5	55-130			
Trichloroethylene	10.2		"	10.0	ND	102	53-145			
Trichlorofluoromethane	8.17		"	10.0	ND	81.7	61-142			
Vinyl Chloride	10.1		"	10.0	ND	101	31-165			
Surrogate: 1,2-Dichloroethane-d4	9.95		"	10.0		99.5	69-130			
Surrogate: Toluene-d8	10.4		"	10.0		104	81-117			
Surrogate: p-Bromofluorobenzene	10.6		"	10.0		106	79-122			



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 BD70185 - EPA 5030B</b>											
<b>Matrix Spike Dup (BD70185-MSD1)</b>	*Source sample: 17C1155-10 (MW-98-04)						Prepared: 04/05/2017 Analyzed: 04/06/2017				
1,1,1,2-Tetrachloroethane	8.04		ug/L	10.0	ND	80.4	45-161		5.56	30	
1,1,1-Trichloroethane	8.65		"	10.0	ND	86.5	70-146		1.63	30	
1,1,2,2-Tetrachloroethane	9.53		"	10.0	ND	95.3	74-121		6.39	30	
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	8.01		"	10.0	ND	80.1	21-217		15.5	30	
1,1,2-Trichloroethane	8.41		"	10.0	ND	84.1	59-146		8.65	30	
1,1-Dichloroethane	8.49		"	10.0	ND	84.9	54-146		0.828	30	
1,1-Dichloroethylene	9.19		"	10.0	ND	91.9	44-165		13.1	30	
1,1-Dichloropropylene	8.25		"	10.0	ND	82.5	82-134		3.70	30	
1,2,3-Trichlorobenzene	8.58		"	10.0	ND	85.8	40-161		48.9	30	Non-dir.
1,2,3-Trichloropropane	9.85		"	10.0	ND	98.5	74-127		7.15	30	
1,2,4-Trichlorobenzene	8.37		"	10.0	ND	83.7	41-161		30.3	30	Non-dir.
1,2,4-Trimethylbenzene	8.31		"	10.0	ND	83.1	72-129		0.120	30	
1,2-Dibromo-3-chloropropane	9.29		"	10.0	ND	92.9	31-151		13.8	30	
1,2-Dibromoethane	8.49		"	10.0	ND	84.9	75-125		2.14	30	
1,2-Dichlorobenzene	8.30		"	10.0	ND	83.0	63-122		2.44	30	
1,2-Dichloroethane	8.77		"	10.0	ND	87.7	68-131		4.19	30	
1,2-Dichloropropane	8.28		"	10.0	ND	82.8	77-121		20.9	30	
1,3,5-Trimethylbenzene	8.42		"	10.0	ND	84.2	69-126		0.710	30	
1,3-Dichlorobenzene	7.98		"	10.0	ND	79.8	74-119		0.125	30	
1,3-Dichloropropane	8.67		"	10.0	ND	86.7	77-119		1.03	30	
1,4-Dichlorobenzene	8.13		"	10.0	ND	81.3	70-124		3.89	30	
2,2-Dichloropropane	8.08		"	10.0	ND	80.8	10-160		6.24	30	
2-Chlorotoluene	8.48		"	10.0	ND	84.8	70-126		0.939	30	
2-Hexanone	9.34		"	10.0	ND	93.4	53-133		3.60	30	
4-Chlorotoluene	8.44		"	10.0	ND	84.4	69-124		0.952	30	
Acetone	8.32		"	10.0	ND	83.2	13-149		19.7	30	
Benzene	8.34		"	10.0	ND	83.4	38-155		1.69	30	
Bromobenzene	8.94		"	10.0	ND	89.4	72-122		1.12	30	
Bromochloromethane	9.12		"	10.0	ND	91.2	75-121		3.91	30	
Bromodichloromethane	8.38		"	10.0	ND	83.8	70-129		7.47	30	
Bromoform	8.05		"	10.0	ND	80.5	66-136		2.01	30	
Bromomethane	5.66		"	10.0	ND	56.6	30-158		22.4	30	
Carbon tetrachloride	8.36		"	10.0	ND	83.6	71-146		0.00	30	
Chlorobenzene	7.86		"	10.0	ND	78.6	81-117	Low Bias	3.99	30	
Chloroethane	8.51		"	10.0	ND	85.1	51-145		1.40	30	
Chloroform	8.24		"	10.0	ND	82.4	80-124		1.96	30	
Chloromethane	10.6		"	10.0	ND	106	16-163		0.941	30	
cis-1,2-Dichloroethylene	8.09		"	10.0	ND	80.9	76-125		3.40	30	
cis-1,3-Dichloropropylene	8.18		"	10.0	ND	81.8	58-131		5.12	30	
Dibromochloromethane	8.11		"	10.0	ND	81.1	71-129		0.737	30	
Dibromomethane	8.48		"	10.0	ND	84.8	76-120		11.3	30	
Dichlorodifluoromethane	5.91		"	10.0	ND	59.1	30-147		1.84	30	
Ethyl Benzene	8.09		"	10.0	ND	80.9	72-128		4.12	30	
Hexachlorobutadiene	8.82		"	10.0	ND	88.2	34-166		22.6	30	
Isopropylbenzene	8.56		"	10.0	ND	85.6	66-139		2.76	30	
Methyl tert-butyl ether (MTBE)	8.71		"	10.0	ND	87.1	75-128		7.88	30	
Methylene chloride	7.28		"	10.0	ND	72.8	57-128		2.44	30	
Naphthalene	10.2		"	10.0	ND	102	39-158		57.1	30	Non-dir.
n-Butylbenzene	8.02		"	10.0	ND	80.2	61-138		4.59	30	
n-Propylbenzene	8.52		"	10.0	ND	85.2	66-134		1.06	30	
o-Xylene	8.17		"	10.0	ND	81.7	69-126		4.19	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 BD70185 - EPA 5030B

Matrix Spike Dup (BD70185-MSD1)	*Source sample: 17C1155-10 (MW-98-04)				Prepared: 04/05/2017 Analyzed: 04/06/2017						
p- & m- Xylenes	16.4		ug/L	20.0	ND	82.0	67-130		2.05	30	
p-Isopropyltoluene	7.98		"	10.0	ND	79.8	64-137		0.629	30	
sec-Butylbenzene	8.49		"	10.0	ND	84.9	53-155		2.14	30	
Styrene	8.01		"	10.0	ND	80.1	69-125		2.22	30	
tert-Butylbenzene	8.58		"	10.0	ND	85.8	65-139		2.42	30	
Tetrachloroethylene	8.41		"	10.0	2.73	56.8	64-139	Low Bias	8.11	30	
Toluene	8.11		"	10.0	ND	81.1	76-123		10.4	30	
trans-1,2-Dichloroethylene	8.17		"	10.0	ND	81.7	79-131		0.122	30	
trans-1,3-Dichloropropylene	8.30		"	10.0	ND	83.0	55-130		5.28	30	
Trichloroethylene	7.98		"	10.0	ND	79.8	53-145		24.4	30	
Trichlorofluoromethane	8.36		"	10.0	ND	83.6	61-142		2.30	30	
Vinyl Chloride	9.87		"	10.0	ND	98.7	31-165		2.30	30	
Surrogate: 1,2-Dichloroethane-d4	10.5		"	10.0		105	69-130				
Surrogate: Toluene-d8	9.82		"	10.0		98.2	81-117				
Surrogate: p-Bromofluorobenzene	10.8		"	10.0		108	79-122				

Batch BD70186 - EPA 5030B

Blank (BD70186-BLK1)	Prepared: 04/05/2017 Analyzed: 04/06/2017										
1,1,1,2-Tetrachloroethane	ND	0.50	ug/L								
1,1,1-Trichloroethane	ND	0.50	"								
1,1,2,2-Tetrachloroethane	ND	0.50	"								
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	0.50	"								
1,1,2-Trichloroethane	ND	0.50	"								
1,1-Dichloroethane	ND	0.50	"								
1,1-Dichloroethylene	ND	0.50	"								
1,1-Dichloropropylene	ND	0.50	"								
1,2,3-Trichlorobenzene	0.37	0.50	"								
1,2,3-Trichloropropane	ND	0.50	"								
1,2,4-Trichlorobenzene	ND	0.50	"								
1,2,4-Trimethylbenzene	ND	0.50	"								
1,2-Dibromo-3-chloropropane	ND	0.50	"								
1,2-Dibromoethane	ND	0.50	"								
1,2-Dichlorobenzene	ND	0.50	"								
1,2-Dichloroethane	ND	0.50	"								
1,2-Dichloropropane	ND	0.50	"								
1,3,5-Trimethylbenzene	ND	0.50	"								
1,3-Dichlorobenzene	ND	0.50	"								
1,3-Dichloropropane	ND	0.50	"								
1,4-Dichlorobenzene	ND	0.50	"								
2,2-Dichloropropane	ND	0.50	"								
2-Chlorotoluene	ND	0.50	"								
2-Hexanone	ND	0.50	"								
4-Chlorotoluene	ND	0.50	"								
Acetone	ND	2.0	"								
Benzene	ND	0.50	"								
Bromobenzene	ND	0.50	"								
Bromochloromethane	ND	0.50	"								
Bromodichloromethane	ND	0.50	"								
Bromoform	ND	0.50	"								
Bromomethane	ND	0.50	"								



**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								RPD	

**Batch BD70186 - EPA 5030B**

**Blank (BD70186-BLK1)**

Prepared: 04/05/2017 Analyzed: 04/06/2017

Carbon tetrachloride	ND	0.50	ug/L								
Chlorobenzene	ND	0.50	"								
Chloroethane	ND	0.50	"								
Chloroform	ND	0.50	"								
Chloromethane	ND	0.50	"								
cis-1,2-Dichloroethylene	ND	0.50	"								
cis-1,3-Dichloropropylene	ND	0.50	"								
Dibromochloromethane	ND	0.50	"								
Dibromomethane	ND	0.50	"								
Dichlorodifluoromethane	ND	0.50	"								
Ethyl Benzene	ND	0.50	"								
Hexachlorobutadiene	ND	0.50	"								
Isopropylbenzene	ND	0.50	"								
Methyl tert-butyl ether (MTBE)	ND	0.50	"								
Methylene chloride	ND	2.0	"								
Naphthalene	ND	2.0	"								
n-Butylbenzene	ND	0.50	"								
n-Propylbenzene	ND	0.50	"								
o-Xylene	ND	0.50	"								
p- & m- Xylenes	ND	1.0	"								
p-Isopropyltoluene	ND	0.50	"								
sec-Butylbenzene	ND	0.50	"								
Styrene	ND	0.50	"								
tert-Butylbenzene	ND	0.50	"								
Tetrachloroethylene	ND	0.50	"								
Toluene	ND	0.50	"								
trans-1,2-Dichloroethylene	ND	0.50	"								
trans-1,3-Dichloropropylene	ND	0.50	"								
Trichloroethylene	ND	0.50	"								
Trichlorofluoromethane	ND	0.50	"								
Vinyl Chloride	ND	0.50	"								
Xylenes, Total	ND	1.5	"								
<hr/>											
<i>Surrogate: 1,2-Dichloroethane-d4</i>	<i>10.3</i>		<i>"</i>	<i>10.0</i>		<i>103</i>	<i>69-130</i>				
<i>Surrogate: Toluene-d8</i>	<i>10.4</i>		<i>"</i>	<i>10.0</i>		<i>104</i>	<i>81-117</i>				
<i>Surrogate: p-Bromofluorobenzene</i>	<i>10.9</i>		<i>"</i>	<i>10.0</i>		<i>109</i>	<i>79-122</i>				



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

**York Analytical Laboratories, Inc.**

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

**Batch BD70186 - EPA 5030B**

**LCS (BD70186-BS1)**

Prepared: 04/05/2017 Analyzed: 04/06/2017

1,1,1,2-Tetrachloroethane	10.1		ug/L	10.0	101	82-126				
1,1,1-Trichloroethane	10.6		"	10.0	106	78-136				
1,1,2,2-Tetrachloroethane	11.1		"	10.0	111	76-129				
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	11.1		"	10.0	111	54-165				
1,1,2-Trichloroethane	10.6		"	10.0	106	82-123				
1,1-Dichloroethane	10.4		"	10.0	104	82-129				
1,1-Dichloroethylene	10.4		"	10.0	104	68-138				
1,1-Dichloropropylene	10.5		"	10.0	105	83-133				
1,2,3-Trichlorobenzene	10.0		"	10.0	100	76-136				
1,2,3-Trichloropropane	11.3		"	10.0	113	77-128				
1,2,4-Trichlorobenzene	10.8		"	10.0	108	76-137				
1,2,4-Trimethylbenzene	11.4		"	10.0	114	82-132				
1,2-Dibromo-3-chloropropane	10.6		"	10.0	106	45-147				
1,2-Dibromoethane	10.4		"	10.0	104	83-124				
1,2-Dichlorobenzene	10.8		"	10.0	108	79-123				
1,2-Dichloroethane	10.5		"	10.0	105	73-132				
1,2-Dichloropropane	10.6		"	10.0	106	78-126				
1,3,5-Trimethylbenzene	11.5		"	10.0	115	80-131				
1,3-Dichlorobenzene	10.9		"	10.0	109	86-122				
1,3-Dichloropropane	10.8		"	10.0	108	81-125				
1,4-Dichlorobenzene	10.8		"	10.0	108	85-124				
2,2-Dichloropropane	9.47		"	10.0	94.7	56-150				
2-Chlorotoluene	11.5		"	10.0	115	79-130				
2-Hexanone	10.7		"	10.0	107	51-146				
4-Chlorotoluene	11.5		"	10.0	115	79-128				
Acetone	8.48		"	10.0	84.8	14-150				
Benzene	10.4		"	10.0	104	85-126				
Bromobenzene	11.4		"	10.0	114	78-129				
Bromochloromethane	10.9		"	10.0	109	77-128				
Bromodichloromethane	10.7		"	10.0	107	79-128				
Bromoform	9.29		"	10.0	92.9	78-133				
Bromomethane	8.01		"	10.0	80.1	43-168				
Carbon tetrachloride	10.6		"	10.0	106	77-141				
Chlorobenzene	10.1		"	10.0	101	88-120				
Chloroethane	10.4		"	10.0	104	65-136				
Chloroform	10.2		"	10.0	102	82-128				
Chloromethane	13.3		"	10.0	133	43-155				
cis-1,2-Dichloroethylene	10.1		"	10.0	101	83-129				
cis-1,3-Dichloropropylene	10.3		"	10.0	103	80-131				
Dibromochloromethane	10.2		"	10.0	102	80-130				
Dibromomethane	10.3		"	10.0	103	72-134				
Dichlorodifluoromethane	9.52		"	10.0	95.2	44-144				
Ethyl Benzene	10.7		"	10.0	107	80-131				
Hexachlorobutadiene	11.7		"	10.0	117	67-146				
Isopropylbenzene	11.8		"	10.0	118	76-140				
Methyl tert-butyl ether (MTBE)	9.73		"	10.0	97.3	76-135				
Methylene chloride	8.81		"	10.0	88.1	55-137				
Naphthalene	10.9		"	10.0	109	70-147				
n-Butylbenzene	11.7		"	10.0	117	79-132				
n-Propylbenzene	11.7		"	10.0	117	78-133				
o-Xylene	10.7		"	10.0	107	78-130				



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 BD70186 - EPA 5030B

LCS (BD70186-BS1)

Prepared: 04/05/2017 Analyzed: 04/06/2017

p- & m- Xylenes	21.9		ug/L	20.0		110	77-133				
p-Isopropyltoluene	11.2		"	10.0		112	81-136				
sec-Butylbenzene	11.5		"	10.0		115	79-137				
Styrene	10.4		"	10.0		104	67-132				
tert-Butylbenzene	11.5		"	10.0		115	77-138				
Tetrachloroethylene	9.35		"	10.0		93.5	82-131				
Toluene	10.8		"	10.0		108	80-127				
trans-1,2-Dichloroethylene	10.0		"	10.0		100	80-132				
trans-1,3-Dichloropropylene	10.5		"	10.0		105	78-131				
Trichloroethylene	10.5		"	10.0		105	82-128				
Trichlorofluoromethane	11.0		"	10.0		110	67-139				
Vinyl Chloride	12.3		"	10.0		123	58-145				
Surrogate: 1,2-Dichloroethane-d4	10.3		"	10.0		103	69-130				
Surrogate: Toluene-d8	9.98		"	10.0		99.8	81-117				
Surrogate: p-Bromofluorobenzene	10.7		"	10.0		107	79-122				

LCS Dup (BD70186-BSD1)

Prepared: 04/05/2017 Analyzed: 04/06/2017

1,1,1,2-Tetrachloroethane	10.2		ug/L	10.0		102	82-126		1.08	30	
1,1,1-Trichloroethane	10.5		"	10.0		105	78-136		1.70	30	
1,1,2,2-Tetrachloroethane	10.9		"	10.0		109	76-129		1.73	30	
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	11.8		"	10.0		118	54-165		6.02	30	
1,1,2-Trichloroethane	10.2		"	10.0		102	82-123		4.43	30	
1,1-Dichloroethane	10.4		"	10.0		104	82-129		0.193	30	
1,1-Dichloroethylene	11.7		"	10.0		117	68-138		12.0	30	
1,1-Dichloropropylene	10.1		"	10.0		101	83-133		4.18	30	
1,2,3-Trichlorobenzene	11.4		"	10.0		114	76-136		13.0	30	
1,2,3-Trichloropropane	10.9		"	10.0		109	77-128		3.61	30	
1,2,4-Trichlorobenzene	11.0		"	10.0		110	76-137		1.19	30	
1,2,4-Trimethylbenzene	12.0		"	10.0		120	82-132		4.94	30	
1,2-Dibromo-3-chloropropane	9.55		"	10.0		95.5	45-147		10.0	30	
1,2-Dibromoethane	10.3		"	10.0		103	83-124		1.45	30	
1,2-Dichlorobenzene	10.8		"	10.0		108	79-123		0.0929	30	
1,2-Dichloroethane	10.4		"	10.0		104	73-132		0.574	30	
1,2-Dichloropropane	10.1		"	10.0		101	78-126		4.25	30	
1,3,5-Trimethylbenzene	11.4		"	10.0		114	80-131		1.57	30	
1,3-Dichlorobenzene	10.7		"	10.0		107	86-122		1.76	30	
1,3-Dichloropropane	10.4		"	10.0		104	81-125		3.67	30	
1,4-Dichlorobenzene	10.7		"	10.0		107	85-124		0.651	30	
2,2-Dichloropropane	9.56		"	10.0		95.6	56-150		0.946	30	
2-Chlorotoluene	11.5		"	10.0		115	79-130		0.0871	30	
2-Hexanone	10.5		"	10.0		105	51-146		1.42	30	
4-Chlorotoluene	11.4		"	10.0		114	79-128		0.786	30	
Acetone	10.8		"	10.0		108	14-150		24.1	30	
Benzene	10.1		"	10.0		101	85-126		2.83	30	
Bromobenzene	11.2		"	10.0		112	78-129		1.86	30	
Bromochloromethane	11.0		"	10.0		110	77-128		0.549	30	
Bromodichloromethane	10.5		"	10.0		105	79-128		1.79	30	
Bromoform	9.48		"	10.0		94.8	78-133		2.02	30	
Bromomethane	7.98		"	10.0		79.8	43-168		0.375	30	
Carbon tetrachloride	10.5		"	10.0		105	77-141		0.474	30	
Chlorobenzene	10.1		"	10.0		101	88-120		0.595	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 BD70186 - EPA 5030B

LCS Dup (BD70186-BSD1)

Prepared: 04/05/2017 Analyzed: 04/06/2017

Chloroethane	11.1		ug/L	10.0		111	65-136		7.17	30	
Chloroform	10.3		"	10.0		103	82-128		1.18	30	
Chloromethane	13.3		"	10.0		133	43-155		0.225	30	
cis-1,2-Dichloroethylene	10.0		"	10.0		100	83-129		1.29	30	
cis-1,3-Dichloropropylene	10.0		"	10.0		100	80-131		2.96	30	
Dibromochloromethane	10.4		"	10.0		104	80-130		1.46	30	
Dibromomethane	10.5		"	10.0		105	72-134		1.63	30	
Dichlorodifluoromethane	9.56		"	10.0		95.6	44-144		0.419	30	
Ethyl Benzene	10.7		"	10.0		107	80-131		0.0935	30	
Hexachlorobutadiene	13.0		"	10.0		130	67-146		10.7	30	
Isopropylbenzene	11.6		"	10.0		116	76-140		1.28	30	
Methyl tert-butyl ether (MTBE)	10.1		"	10.0		101	76-135		3.43	30	
Methylene chloride	9.48		"	10.0		94.8	55-137		7.33	30	
Naphthalene	11.9		"	10.0		119	70-147		8.85	30	
n-Butylbenzene	11.7		"	10.0		117	79-132		0.0854	30	
n-Propylbenzene	11.5		"	10.0		115	78-133		1.29	30	
o-Xylene	10.8		"	10.0		108	78-130		0.279	30	
p- & m- Xylenes	21.9		"	20.0		110	77-133		0.137	30	
p-Isopropyltoluene	11.3		"	10.0		113	81-136		0.797	30	
sec-Butylbenzene	11.6		"	10.0		116	79-137		0.952	30	
Styrene	10.6		"	10.0		106	67-132		1.71	30	
tert-Butylbenzene	11.3		"	10.0		113	77-138		1.93	30	
Tetrachloroethylene	10.1		"	10.0		101	82-131		7.71	30	
Toluene	10.5		"	10.0		105	80-127		3.29	30	
trans-1,2-Dichloroethylene	10.1		"	10.0		101	80-132		0.398	30	
trans-1,3-Dichloropropylene	9.86		"	10.0		98.6	78-131		6.00	30	
Trichloroethylene	10.1		"	10.0		101	82-128		4.28	30	
Trichlorofluoromethane	11.2		"	10.0		112	67-139		1.71	30	
Vinyl Chloride	12.5		"	10.0		125	58-145		1.45	30	
Surrogate: 1,2-Dichloroethane-d4	10.3		"	10.0		103	69-130				
Surrogate: Toluene-d8	9.85		"	10.0		98.5	81-117				
Surrogate: p-Bromofluorobenzene	10.6		"	10.0		106	79-122				



### Volatile Analysis Sample Containers

Lab ID	Client Sample ID	Volatile Sample Container
17C1155-01	MW-28A	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C
17C1155-02	MW-28B	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C
17C1155-03	MW-45A	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C
17C1155-04	MW-45B	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C
17C1155-05	MW-58A	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C
17C1155-06	MW-58B	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C
17C1155-07	MW-59A	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C
17C1155-08	MW-59B	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C
17C1155-09	MW-98-01A	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C
17C1155-10	MW-98-04	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C
17C1155-11	MW-98-04B	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C
17C1155-12	MW-98-05AR	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C
17C1155-13	MW-98-05BR	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C
17C1155-14	MW-A	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C
17C1155-15	N-32	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C
17C1155-16	N-32B	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C
17C1155-17	FB-TS	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C
17C1155-18	TB-TS	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C



## Notes and Definitions

SCAL-E	The value reported is ESTIMATED. The value is estimated due to its behavior during initial calibration (average Rf>20%).
QR-03	The RPD value for the sample duplicate or MS/MSD was outside of QC acceptance limits due to matrix interference. QC batch accepted based on LCS and/or LCSD recovery and/or RPD values.
QM-07	The spike recovery was outside acceptance limits for the MS and/or MSD. The batch was accepted based on acceptable LCS recovery.
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.

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

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



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

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

Certification for pH is no longer offered by NYDOH ELAP.

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

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

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Revision Description: This report has been revised to correct the Sample IDs on -15 and -16.



YORK ANALYTICAL LABORATORIES  
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(203) 325-1371  
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# Field Chain-of-Custody Record

Page 1 of 2  
York Project No. 17C1155

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.

<b>YOUR INFORMATION</b> Company: <u>LB6</u> Address: <u>4 Research Drive, Suite 204</u> <u>Shelton CT 06484</u> Phone No. <u>203.929.8555</u> Contact Person: <u>Tunde Sandler</u> E-Mail Address: <u>TSANDER@LB6CT.COM</u>		<b>Report To:</b> Company: <u>Same</u> Address: _____ Phone No. _____ Attention: _____ E-Mail Address: _____		<b>Invoice To:</b> Company: <u>Same</u> Address: _____ Phone No. _____ Attention: _____ E-Mail Address: _____		<b>YOUR PROJECT ID</b> <u>Rowe Industries</u> <b>Purchase Order No.</b> <u>NAB5AG</u>		<b>Turn-Around Time</b> <input type="checkbox"/> RUSH - Same Day <input type="checkbox"/> RUSH - Next Day <input type="checkbox"/> RUSH - Two Day <input type="checkbox"/> RUSH - Three Day <input type="checkbox"/> RUSH - Four Day <b>Standard(5-7 Days)</b> <input checked="" type="checkbox"/>		<b>Report Type</b> <input checked="" type="checkbox"/> Summary Report <u>X, pdt</u> <input type="checkbox"/> Summary w/ QA Summary <input type="checkbox"/> CT RCP Package <input type="checkbox"/> CT RCP DQA/DUE Pkg <input type="checkbox"/> NY ASP A Package <input checked="" type="checkbox"/> NY ASP B Package <u>X, pdt</u> <input type="checkbox"/> NJ DEP Red. Deliv. <u>Electronic Data Deliverables (EDD)</u> <input type="checkbox"/> Simple Excel <u>X</u> <input type="checkbox"/> NYSDCE EQULS <input type="checkbox"/> EQULS (std) <input type="checkbox"/> EZ-EDD (EQULS) <input type="checkbox"/> NJDEP SRP HazSite EDD <input type="checkbox"/> GIS/KEY (std) <input type="checkbox"/> Other <b>York Regulatory Comparison</b> <input type="checkbox"/> Excel Spreadsheet Compare to the following Regs. (please fill in):	
<b>Volatiles</b> 8260 full 624 STARS list BTEX MTBE TCL list TAGM list CT RCP list Arom. only Halog. only App. IX list 8021B list		<b>Semi-Vols. (Pest/PCB/Herb)</b> 8082PCB 8081Pest 8151Herb CT RCP App. IX Site Spec. TAGM list CT RCP list TCL list NJDEP list App. IX TCLP/BNA SPLP/TCLP 608 PCB		<b>Metals</b> RCRA8 PPL3 list TAL CT15 list TAGM list NJDEP list Total Dissolved SPLP/TCLP Herb Chlordane 608 Pest LIST Below		<b>Misc. Org.</b> TPH GRO TPH DRO CT ETPH NY 310-13 TPH 1664 Air TO14A Air TO15 Air STARS Air VPH Air TICs Methane Helium		<b>Full Lists</b> Pri. Poll. TCL Organics TAL MetCN Full TCLP Full App. IX Part 360-Routine Part 360-Residual Part 360-Residual NYSDCE/Sever NYSDCE/Sever TAGM Silica		<b>Misc.</b> Corrosivity Reactivity Ignitability Flash Point Sieve Anal. Heterocyclics TOX BTU/lb. Aquatic Tox. TOC	

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

Samples Collected/Authorized By (Signature)  
Tunde Sandler  
Name (printed)  
Tunde Sandler

Sample Identification	Date/Time Sampled	Sample Matrix	Choose Analyses Needed from the Menu Above and Enter Below	Container Description(s)
MW-28A	3-28-17 1255	GW	VOC 8260 full + freeon 113	3 VOA
MW-28B	3-28-17 1225			
MW-45A	3-27-17 1545			
MW-45B	3-27-17 1570			
MW-58A	3-27-17 1800			
MW-58B	3-27-17 1825			
MW-59A	3-28-17 935			
MW-59B	3-28-17 925			
MW-98-01A	3-24-17 920			
MW-98-04 (MS/MSD)	3-27-17 1720			9 VOA

4°C  Frozen  MeOH  HNO<sub>3</sub>  NaOH  
 ZnAc  Ascorbic Acid  Other

Samples Relinquished By [Signature] Date/Time 3/30/17 11:30  
 Samples Relinquished By [Signature] Date/Time 3/30/17 11:30

Temperature on Receipt 2.3 °C

